



POINT LOMA OCEAN OUTFALL MONTHLY RECEIVING WATERS MONITORING REPORT

POINT LOMA WASTEWATER TREATMENT PLANT

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

NOVEMBER 2020

Environmental Monitoring and Technical Services
2392 Kincaid Road • Mail Station 45A • San Diego, CA 92101
Tel (619) 758-2300 Fax (619) 758-2309





Public Utilities Department

Environmental Monitoring & Technical Services Division

December 31, 2020

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 2020 Monthly Receiving Waters Monitoring Report for the Point Loma Ocean Outfall, Point Loma Wastewater Treatment Plant as required per Order No. R9-2017-0007, NPDES Permit No. CA0107409.

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

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

Sincerely,

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

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

PV/rk

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

INTRODUCTION

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

MATERIALS AND METHODS

Shore Stations

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

- Station D8 was replaced by alternate station D8-A during July 2016. However, due to increasing instability, City staff have been unable to safely access and sample station D8-A since February 7, 2018. During March 2018, the City identified an alternate location for stations D8/D8-A. This new station, designated D8-B, is located about 150 feet north of D8-A.

Seawater samples are collected from the surf zone at each station on a weekly basis. These samples are subsequently transported to the City's Marine Microbiology Laboratory and analyzed for the presence of several types of fecal indicator bacteria (FIB), 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 weekly according to permit specifications 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 fecal indicator bacteria (i.e., total coliforms, fecal coliforms, and *Enterococcus*). 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 collected using a CTD-integrated rosette sampler with Niskin bottles. Aliquots for bacteriological analyses are drawn from these bottles into sterile

sample bottles for processing at the City's Marine Microbiology Laboratory. Water column profiles of temperature, transmissivity, dissolved oxygen, pH, salinity, density, chlorophyll *a* are generated using a Sea-Bird conductivity, temperature and depth instrument (CTD), which collects these data at a rate of ≥ 4 scans per second. These scans are then internally averaged to create water column profiles with data readings at a rate of one per meter. Additionally, CTD profile data for each water sample depth are presented with the bacteriological data.

Offshore Stations

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

Seawater samples for bacteriological analyses at the offshore stations are collected using a CTD-integrated rosette sampler with Niskin bottles. Profiles of the various physical/chemical parameters (listed above) are taken using a Sea-Bird CTD. Additionally, data for depths closest to those at which bacteriological samples were collected 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 2015 California Ocean Plan. The seven standards are defined as follows:

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

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

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 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, 1987²) 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 2020 Quality Assurance Report, which will be completed in March 2021.

SUMMARY OF RESULTS

As of October 2020, new 2019 Ocean Plan Water Quality Objectives are included for a six-week rolling geometric mean of *Enterococcus* density, which shall not exceed 30 cfu/100 ml, and a Statistical Threshold Value (STV) for *Enterococcus*, which shall not exceed 110 cfu/100 ml for more than 10% of samples per month (see Appendix B).

Shore Stations

- During November, each of the eight shore stations was in compliance with 2015 California Ocean Plan (Ocean Plan) water contact standards.
- Nothing of sewage origin was observed at any of the shore stations.
- 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 surf grass. See the City of San Diego's most recent *Biennial Receiving Waters Monitoring and Assessment Report for the Point Loma and South Bay Ocean Outfalls* for details (<https://www.sandiego.gov/public-utilities/sustainability/ocean-monitoring/reports>).

2 Gilbert, R.O. (1987). Statistical Methods for Environmental Pollution Monitoring. Van Nostrand Reinhold Co., New York.

Kelp Bed Stations

- The eight kelp bed water quality stations (A1, A6, A7, C4, C5, C6, C7, C8) were sampled on November 2, 11, 17, and 23.
- During November, each of the eight kelp bed stations was in compliance with the various 2015 Ocean Plan water contact standards.
- Water column temperatures ranged from 12.55 to 18.28°C. The difference between surface and bottom waters ranged from 0.8 to 3.63°C.
- Chlorophyll *a* concentrations ranged from 0.38 to 5.75 µg/L.
- Nothing of sewage origin was observed at any of the kelp stations.

Offshore Stations

- Quarterly offshore water quality sampling was conducted on November 10, 12, and 13.
- During November, three of the 15 offshore stations located within State jurisdictional waters (i.e., F01–F03, F06–F14, F18–F20) were out of compliance with the relevant Ocean Plan single sample maximum (SSM) standard for *Enterococcus*;
 - o the SSM for *Enterococcus* was exceeded in the samples collected from 80 m at stations F18, F19, and F20 on November 13.
- Of the remaining 21 offshore stations, five had elevated densities of *Enterococcus* bacteria (i.e., <10⁴ CFU/100 mL), as follows:
 - o the SSM for *Enterococcus* was exceeded in the samples collected from stations F15, F26, F27, F28, and F29 at depths of 60 m or deeper.
- During November, water column temperatures ranged from 10.85 to 17.74°C. The difference between surface and bottom waters ranged from 2.38 to 6.73°C.
- Chlorophyll *a* concentrations ranged from 0.18 to 4.75 µg/L at the offshore stations during the month.
- CDOM data are available upon request.
- Nothing of sewage origin was observed at any of the offshore stations.



TABLES AND FIGURES



Figure 1.1 Station Map

Shore Stations

Table 2.1

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

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Nov 2020	20*	20*	60*	42*	20*	35*	20*	13*
02 Nov 2020	20*	20*	60*	42*	20*	35*	20*	13*
03 Nov 2020	20*	20*	60*	42*	20*	35*	20*	13*
04 Nov 2020	20	20	76	58	25	31	13	13
05 Nov 2020	20	20	76	58	25	31	13	13
06 Nov 2020	20*	20*	106*	75*	26*	35*	11*	10*
07 Nov 2020	20*	20*	106*	75*	26*	35*	11*	10*
08 Nov 2020	20*	20*	106*	75*	26*	35*	11*	10*
09 Nov 2020	20*	20*	106*	75*	26*	35*	11*	10*
10 Nov 2020	20*	20*	106*	75*	26*	35*	11*	10*
11 Nov 2020	20*	20*	106*	75*	26*	35*	11*	10*
12 Nov 2020	32	20	121	91	25	31	13	12
13 Nov 2020	36*	20*	106*	75*	26*	26*	11*	18*
14 Nov 2020	36*	20*	106*	75*	26*	26*	11*	18*
15 Nov 2020	36*	20*	106*	75*	26*	26*	11*	18*
16 Nov 2020	36*	20*	106*	75*	26*	26*	11*	18*
17 Nov 2020	36*	20*	106*	75*	26*	26*	11*	18*
18 Nov 2020	32	14	121	91	25	25	20	18
19 Nov 2020	32	14	121	91	25	25	20	18
20 Nov 2020	36*	13*	189*	112*	26*	20*	20*	19*
21 Nov 2020	36*	13*	189*	112*	26*	20*	20*	19*
22 Nov 2020	36*	13*	189*	112*	26*	20*	20*	19*
23 Nov 2020	20	14	191	126	25	23	13	19
24 Nov 2020	20	14	191	126	25	23	13	19
25 Nov 2020	20	14	191	126	25	23	13	19
26 Nov 2020	20	14	191	126	25	23	13	19
27 Nov 2020	20*	13*	200*	200*	26*	24*	11*	19*
28 Nov 2020	20*	13*	200*	200*	26*	24*	11*	19*
29 Nov 2020	20*	13*	200*	200*	26*	24*	11*	19*
30 Nov 2020	20*	13*	200*	200*	26*	24*	11*	19*

* Geometric mean calculated using n<5

ns = not sampled

Table 2.2

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

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Nov 2020	4*	6*	15*	2*	2*	5*	7*	12*
02 Nov 2020	4*	6*	15*	2*	2*	5*	7*	12*
03 Nov 2020	4*	6*	15*	2*	2*	5*	7*	12*
04 Nov 2020	3	5	18	4	3	5	6	11
05 Nov 2020	3	5	18	4	3	5	6	11
06 Nov 2020	4*	6*	24*	5*	3*	5*	4*	8*
07 Nov 2020	4*	6*	24*	5*	3*	5*	4*	8*
08 Nov 2020	4*	6*	24*	5*	3*	5*	4*	8*
09 Nov 2020	4*	6*	24*	5*	3*	5*	4*	8*
10 Nov 2020	4*	6*	24*	5*	3*	5*	4*	8*
11 Nov 2020	4*	6*	24*	5*	3*	5*	4*	8*
12 Nov 2020	4	6	25	5	3	6	6	7
13 Nov 2020	2*	5*	29*	5*	2*	8*	4*	7*
14 Nov 2020	2*	5*	29*	5*	2*	8*	4*	7*
15 Nov 2020	2*	5*	29*	5*	2*	8*	4*	7*
16 Nov 2020	2*	5*	29*	5*	2*	8*	4*	7*
17 Nov 2020	2*	5*	29*	5*	2*	8*	4*	7*
18 Nov 2020	2	4	21	6	2	6	3	6
19 Nov 2020	2	4	21	6	2	6	3	6
20 Nov 2020	2*	3*	23*	7*	2*	4*	4*	3*
21 Nov 2020	2*	3*	23*	7*	2*	4*	4*	3*
22 Nov 2020	2*	3*	23*	7*	2*	4*	4*	3*
23 Nov 2020	2	2	14	7	2	5	3	4
24 Nov 2020	2	2	14	7	2	5	3	4
25 Nov 2020	2	2	14	7	2	5	3	4
26 Nov 2020	2	2	14	7	2	5	3	4
27 Nov 2020	2*	3*	11*	9*	2*	6*	4*	5*
28 Nov 2020	2*	3*	11*	9*	2*	6*	4*	5*
29 Nov 2020	2*	3*	11*	9*	2*	6*	4*	5*
30 Nov 2020	2*	3*	11*	9*	2*	6*	4*	5*

* Geometric mean calculated using n<5

ns = not sampled

Table 2.3

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

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Nov 2020	2*	2*	8*	8*	3*	3*	2*	8
02 Nov 2020	2*	2*	8*	8*	3*	3*	2*	8
03 Nov 2020	2*	2*	8*	8*	3*	3*	2*	8
04 Nov 2020	2	2	6	9	2	3	2	6
05 Nov 2020	2	2	6	9	2	3	2	6
06 Nov 2020	2*	2*	7*	9*	3*	3*	2*	3
07 Nov 2020	2*	2*	7*	9*	3*	3*	2*	3*
08 Nov 2020	2*	2*	7*	9*	3*	3*	2*	3*
09 Nov 2020	2*	2*	7*	9*	3*	3*	2*	3*
10 Nov 2020	2*	2*	7*	9*	3*	3*	2*	3*
11 Nov 2020	2*	2*	7*	9*	3*	3*	2*	3*
12 Nov 2020	2	2	9	8	2	3	4	3
13 Nov 2020	2*	2*	8*	6*	2*	2*	5*	3*
14 Nov 2020	2*	2*	8*	6*	2*	2*	5*	3*
15 Nov 2020	2*	2*	8*	6*	2*	2*	5*	3*
16 Nov 2020	2*	2*	8*	6*	2*	2*	5*	3*
17 Nov 2020	2*	2*	8*	6*	2*	2*	5*	3*
18 Nov 2020	3	2	7	5	2	3	6	3
19 Nov 2020	3	2	7	5	2	3	6	3
20 Nov 2020	3*	2*	10*	6*	2*	3*	8*	3*
21 Nov 2020	3*	2*	10*	6*	2*	3*	8*	3*
22 Nov 2020	3*	2*	10*	6*	2*	3*	8*	3*
23 Nov 2020	3	2	7	5	2	3	7	3
24 Nov 2020	3	2	7	5	2	3	7	3
25 Nov 2020	3	2	7	5	2	3	7	3
26 Nov 2020	3	2	7	5	2	3	7	3
27 Nov 2020	2*	2*	5*	4*	2*	3*	10*	2*
28 Nov 2020	2*	2*	5*	4*	2*	3*	10*	2*
29 Nov 2020	2*	2*	5*	4*	2*	3*	10*	2*
30 Nov 2020	2*	2*	5*	4*	2*	3*	10*	2*

* Geometric mean calculated using n<5

ns = not sampled

Table 2.4

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

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
04 Nov 2020	IC	IC	IC	IC	IC	IC	IC	IC
12 Nov 2020	IC	IC	IC	IC	IC	IC	IC	IC
18 Nov 2020	IC	IC	IC	IC	IC	IC	IC	IC
23 Nov 2020	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 2.5

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

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
04 Nov 2020	IC	IC	IC	IC	IC	IC	IC	IC
12 Nov 2020	IC	IC	IC	IC	IC	IC	IC	IC
18 Nov 2020	IC	IC	IC	IC	IC	IC	IC	IC
23 Nov 2020	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 2.6

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

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
04 Nov 2020	IC	IC	IC	IC	IC	IC	IC	IC
12 Nov 2020	IC	IC	IC	IC	IC	IC	IC	IC
18 Nov 2020	IC	IC	IC	IC	IC	IC	IC	IC
23 Nov 2020	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 2.7

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

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
04 Nov 2020	IC	IC	IC	IC	IC	IC	IC	IC
12 Nov 2020	IC	IC	IC	IC	IC	IC	IC	IC
18 Nov 2020	IC	IC	IC	IC	IC	IC	IC	IC
23 Nov 2020	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 2.8

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

Station	Date	Time	Total	Fecal	Enter	F:T
D4	04 Nov 2020	858	<20	2e	<2	0.10
D4	12 Nov 2020	846	<200	4e	2e	0.02
D4	18 Nov 2020	826	<20	<2	4e	0.10
D4	23 Nov 2020	953	<2	<2	<2	1.00
D5	04 Nov 2020	911	<20	<2	<2	0.10
D5	12 Nov 2020	818	<20	6e	<2	0.30
D5	18 Nov 2020	807	4e	2e	<2	0.50
D5	23 Nov 2020	1006	<20	<2	<2	0.10
D7	04 Nov 2020	935	200e	44	<2	0.22
D7	12 Nov 2020	926	<200	30e	36e	0.15
D7	18 Nov 2020	848	<200	6e	6e	0.03
D7	23 Nov 2020	928	<200	2e	<2	0.01
D8-B	04 Nov 2020	953	<200	32e	20e	0.16
D8-B	12 Nov 2020	951	<200	6e	4e	0.03
D8-B	18 Nov 2020	912	<200	8e	2e	0.04
D8-B	23 Nov 2020	911	<200	4e	<2	0.02
D9	04 Nov 2020	1007	60e	4e	2e	0.07
D9	12 Nov 2020	1008	20e	2e	<2	0.10
D9	18 Nov 2020	924	<20	2e	2e	0.10
D9	23 Nov 2020	843	<20	<2	<2	0.10
D10	04 Nov 2020	1022	20e	6e	4e	0.30
D10	12 Nov 2020	1022	<20	14e	<2	0.70
D10	18 Nov 2020	937	<20	2e	4e	0.10
D10	23 Nov 2020	800	40e	8e	<2	0.20
D11	04 Nov 2020	1040	<2	<2	2e	1.00
D11	12 Nov 2020	1102	20e	32e	84	1.60
D11	18 Nov 2020	952	<200	2e	10e	0.01
D11	23 Nov 2020	745	2e	<2	6e	1.00
D12	04 Nov 2020	1129	16e	8e	<2	0.50
D12	12 Nov 2020	1126	<20	4e	2e	0.20
D12	18 Nov 2020	1049	<20	2e	2e	0.10
D12	23 Nov 2020	721	<20	8e	<2	0.40

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	04 Nov 2020	Arrive Time	858
D4	04 Nov 2020	Weather	Sunny
D4	04 Nov 2020	Wind Speed (kts)	3.4
D4	04 Nov 2020	Wind Dir	NW
D4	04 Nov 2020	Animal Life	1 Pigeon
D4	04 Nov 2020	Floatables	Foam
D4	04 Nov 2020	Water Color	Green
D4	04 Nov 2020	Current Direction	S
D4	04 Nov 2020	Water Temp (C)	20.3
D4	04 Nov 2020	Wave Height Low (ft)	2
D4	04 Nov 2020	High Tide (ft)	5.3
D4	04 Nov 2020	High Tide Time	950
D4	04 Nov 2020	Low Tide (ft)	2.5
D4	04 Nov 2020	Low Tide Time	330
D4	04 Nov 2020	Comments	4 Surfers; 2 Boats; Water clear
D4	12 Nov 2020	Arrive Time	846
D4	12 Nov 2020	Weather	Sunny
D4	12 Nov 2020	Wind Speed (kts)	2.7
D4	12 Nov 2020	Wind Dir	S
D4	12 Nov 2020	Animal Life	1 Cormorant
D4	12 Nov 2020	Floatables	None
D4	12 Nov 2020	Water Color	Green
D4	12 Nov 2020	Current Direction	N
D4	12 Nov 2020	Water Temp (C)	17.5
D4	12 Nov 2020	Wave Height Low (ft)	1
D4	12 Nov 2020	High Tide (ft)	5.8
D4	12 Nov 2020	High Tide Time	630
D4	12 Nov 2020	Low Tide (ft)	0.2
D4	12 Nov 2020	Low Tide Time	1259
D4	12 Nov 2020	Comments	Kelp; Seagrass; Algae; Water turbid
D4	18 Nov 2020	Arrive Time	826
D4	18 Nov 2020	Weather	Cloudy
D4	18 Nov 2020	Wind Speed (kts)	5.6
D4	18 Nov 2020	Wind Dir	SE
D4	18 Nov 2020	Animal Life	1 Cormorant; 1 Seagull
D4	18 Nov 2020	Floatables	Foam
D4	18 Nov 2020	Water Color	Green
D4	18 Nov 2020	Current Direction	N
D4	18 Nov 2020	Water Temp (C)	15.3
D4	18 Nov 2020	Wave Height Low (ft)	3
D4	18 Nov 2020	High Tide (ft)	6.1
D4	18 Nov 2020	High Tide Time	1021
D4	18 Nov 2020	Low Tide (ft)	2.3
D4	18 Nov 2020	Low Tide Time	410
D4	18 Nov 2020	Comments	Kelp; Algae; 2 Surfers; 1 Boat; Water clear
D4	23 Nov 2020	Arrive Time	953
D4	23 Nov 2020	Weather	Overcast
D4	23 Nov 2020	Wind Speed (kts)	3.1
D4	23 Nov 2020	Wind Dir	SW
D4	23 Nov 2020	Animal Life	2 Cormorants; 1 Pelican
D4	23 Nov 2020	Floatables	Foam; Film
D4	23 Nov 2020	Water Color	Green
D4	23 Nov 2020	Current Direction	N

Station	Date	Parameter	Value
D4	23 Nov 2020	Water Temp (C)	16.5
D4	23 Nov 2020	Wave Height Low (ft)	4
D4	23 Nov 2020	High Tide (ft)	4.5
D4	23 Nov 2020	High Tide Time	512
D4	23 Nov 2020	Low Tide (ft)	2.1
D4	23 Nov 2020	Low Tide Time	1116
D4	23 Nov 2020	Comments	Kelp; Seagrass; Algae; 2 Boats; Water clear
D5	04 Nov 2020	Arrive Time	911
D5	04 Nov 2020	Weather	Sunny
D5	04 Nov 2020	Wind Speed (kts)	5.4
D5	04 Nov 2020	Wind Dir	NW
D5	04 Nov 2020	Animal Life	None
D5	04 Nov 2020	Floatables	Foam
D5	04 Nov 2020	Water Color	Green
D5	04 Nov 2020	Current Direction	S
D5	04 Nov 2020	Water Temp (C)	20.8
D5	04 Nov 2020	Wave Height Low (ft)	2
D5	04 Nov 2020	High Tide (ft)	5.3
D5	04 Nov 2020	High Tide Time	950
D5	04 Nov 2020	Low Tide (ft)	2.5
D5	04 Nov 2020	Low Tide Time	330
D5	04 Nov 2020	Comments	Kelp; Algae; 2 Boats; Water turbid
D5	12 Nov 2020	Arrive Time	818
D5	12 Nov 2020	Weather	Sunny
D5	12 Nov 2020	Wind Speed (kts)	0
D5	12 Nov 2020	Wind Dir	
D5	12 Nov 2020	Animal Life	3 Cormorants; 1 Pelican; 3 Seagulls
D5	12 Nov 2020	Floatables	None
D5	12 Nov 2020	Water Color	Green
D5	12 Nov 2020	Current Direction	N
D5	12 Nov 2020	Water Temp (C)	18.1
D5	12 Nov 2020	Wave Height Low (ft)	0
D5	12 Nov 2020	High Tide (ft)	5.8
D5	12 Nov 2020	High Tide Time	630
D5	12 Nov 2020	Low Tide (ft)	0.2
D5	12 Nov 2020	Low Tide Time	1259
D5	12 Nov 2020	Comments	Algae; Water clear
D5	18 Nov 2020	Arrive Time	807
D5	18 Nov 2020	Weather	Cloudy
D5	18 Nov 2020	Wind Speed (kts)	3.8
D5	18 Nov 2020	Wind Dir	NE
D5	18 Nov 2020	Animal Life	2 Cormorants
D5	18 Nov 2020	Floatables	Foam
D5	18 Nov 2020	Water Color	Green
D5	18 Nov 2020	Current Direction	S
D5	18 Nov 2020	Water Temp (C)	15.5
D5	18 Nov 2020	Wave Height Low (ft)	3
D5	18 Nov 2020	High Tide (ft)	6.1
D5	18 Nov 2020	High Tide Time	1021
D5	18 Nov 2020	Low Tide (ft)	2.3
D5	18 Nov 2020	Low Tide Time	410
D5	18 Nov 2020	Comments	Kelp; Algae; 1 Boat; Water turbid
D5	23 Nov 2020	Arrive Time	1006
D5	23 Nov 2020	Weather	Overcast
D5	23 Nov 2020	Wind Speed (kts)	1.3
D5	23 Nov 2020	Wind Dir	SW
D5	23 Nov 2020	Animal Life	40 Cormorants; 1 Pelican; 2 Seagulls

Station	Date	Parameter	Value
D5	23 Nov 2020	Floatables	Foam; Film
D5	23 Nov 2020	Water Color	Green
D5	23 Nov 2020	Current Direction	S
D5	23 Nov 2020	Water Temp (C)	18.4
D5	23 Nov 2020	Wave Height Low (ft)	3
D5	23 Nov 2020	High Tide (ft)	4.5
D5	23 Nov 2020	High Tide Time	512
D5	23 Nov 2020	Low Tide (ft)	2.1
D5	23 Nov 2020	Low Tide Time	1116
D5	23 Nov 2020	Comments	Kelp; Seagrass; Algae; 1 Boat; Water clear
D7	04 Nov 2020	Arrive Time	935
D7	04 Nov 2020	Weather	Foggy
D7	04 Nov 2020	Wind Speed (kts)	5.6
D7	04 Nov 2020	Wind Dir	N
D7	04 Nov 2020	Animal Life	None
D7	04 Nov 2020	Floatables	Foam
D7	04 Nov 2020	Water Color	Green
D7	04 Nov 2020	Current Direction	S
D7	04 Nov 2020	Water Temp (C)	20
D7	04 Nov 2020	Wave Height Low (ft)	3
D7	04 Nov 2020	High Tide (ft)	5.3
D7	04 Nov 2020	High Tide Time	950
D7	04 Nov 2020	Low Tide (ft)	2.5
D7	04 Nov 2020	Low Tide Time	330
D7	04 Nov 2020	Comments	Kelp; Seagrass; Algae; 4 Surfers; Water clear
D7	12 Nov 2020	Arrive Time	926
D7	12 Nov 2020	Weather	Sunny
D7	12 Nov 2020	Wind Speed (kts)	3.4
D7	12 Nov 2020	Wind Dir	N
D7	12 Nov 2020	Animal Life	1 Seagull
D7	12 Nov 2020	Floatables	None
D7	12 Nov 2020	Water Color	Colorless
D7	12 Nov 2020	Current Direction	S
D7	12 Nov 2020	Water Temp (C)	17.5
D7	12 Nov 2020	Wave Height Low (ft)	1
D7	12 Nov 2020	High Tide (ft)	5.8
D7	12 Nov 2020	High Tide Time	630
D7	12 Nov 2020	Low Tide (ft)	0.2
D7	12 Nov 2020	Low Tide Time	1259
D7	12 Nov 2020	Comments	Kelp; Seagrass; Algae; 6 Persons; 1 Surfer; Water clear
D7	18 Nov 2020	Arrive Time	848
D7	18 Nov 2020	Weather	Cloudy
D7	18 Nov 2020	Wind Speed (kts)	2.3
D7	18 Nov 2020	Wind Dir	SE
D7	18 Nov 2020	Animal Life	1 Grebe
D7	18 Nov 2020	Floatables	Foam
D7	18 Nov 2020	Water Color	Green
D7	18 Nov 2020	Current Direction	S
D7	18 Nov 2020	Water Temp (C)	16.3
D7	18 Nov 2020	Wave Height Low (ft)	4
D7	18 Nov 2020	High Tide (ft)	6.1
D7	18 Nov 2020	High Tide Time	1021
D7	18 Nov 2020	Low Tide (ft)	2.3
D7	18 Nov 2020	Low Tide Time	410
D7	18 Nov 2020	Comments	Kelp; Seagrass; Algae; Water clear
D7	23 Nov 2020	Arrive Time	928
D7	23 Nov 2020	Weather	Overcast

Station	Date	Parameter	Value
D7	23 Nov 2020	Wind Speed (kts)	3.1
D7	23 Nov 2020	Wind Dir	NE
D7	23 Nov 2020	Animal Life	2 Cormorants; 1 Pelican; 1 Seagull
D7	23 Nov 2020	Floatables	Film
D7	23 Nov 2020	Water Color	Green
D7	23 Nov 2020	Current Direction	W
D7	23 Nov 2020	Water Temp (C)	17
D7	23 Nov 2020	Wave Height Low (ft)	5
D7	23 Nov 2020	High Tide (ft)	4.5
D7	23 Nov 2020	High Tide Time	512
D7	23 Nov 2020	Low Tide (ft)	2.1
D7	23 Nov 2020	Low Tide Time	1116
D7	23 Nov 2020	Comments	Kelp; Seagrass; Algae; 6 Surfers; 3 Boats; Water clear
D8-B	04 Nov 2020	Arrive Time	953
D8-B	04 Nov 2020	Weather	Foggy
D8-B	04 Nov 2020	Wind Speed (kts)	5
D8-B	04 Nov 2020	Wind Dir	W
D8-B	04 Nov 2020	Animal Life	None
D8-B	04 Nov 2020	Floatables	Foam
D8-B	04 Nov 2020	Water Color	Green
D8-B	04 Nov 2020	Current Direction	S
D8-B	04 Nov 2020	Water Temp (C)	19.8
D8-B	04 Nov 2020	Wave Height Low (ft)	2
D8-B	04 Nov 2020	High Tide (ft)	5.3
D8-B	04 Nov 2020	High Tide Time	950
D8-B	04 Nov 2020	Low Tide (ft)	2.5
D8-B	04 Nov 2020	Low Tide Time	330
D8-B	04 Nov 2020	Comments	Algae; Water clear
D8-B	12 Nov 2020	Arrive Time	951
D8-B	12 Nov 2020	Weather	Sunny
D8-B	12 Nov 2020	Wind Speed (kts)	1.5
D8-B	12 Nov 2020	Wind Dir	W
D8-B	12 Nov 2020	Animal Life	2 Seagulls
D8-B	12 Nov 2020	Floatables	None
D8-B	12 Nov 2020	Water Color	Brown
D8-B	12 Nov 2020	Current Direction	S
D8-B	12 Nov 2020	Water Temp (C)	16.6
D8-B	12 Nov 2020	Wave Height Low (ft)	1
D8-B	12 Nov 2020	High Tide (ft)	5.8
D8-B	12 Nov 2020	High Tide Time	630
D8-B	12 Nov 2020	Low Tide (ft)	0.2
D8-B	12 Nov 2020	Low Tide Time	1259
D8-B	12 Nov 2020	Comments	Kelp; Seagrass; Algae; 4 Persons; 1 Surfer; Water turbid
D8-B	18 Nov 2020	Arrive Time	912
D8-B	18 Nov 2020	Weather	Partly Cloudy
D8-B	18 Nov 2020	Wind Speed (kts)	1.3
D8-B	18 Nov 2020	Wind Dir	N
D8-B	18 Nov 2020	Animal Life	11 Seagulls
D8-B	18 Nov 2020	Floatables	Foam
D8-B	18 Nov 2020	Water Color	Brown
D8-B	18 Nov 2020	Current Direction	N
D8-B	18 Nov 2020	Water Temp (C)	16.6
D8-B	18 Nov 2020	Wave Height Low (ft)	3
D8-B	18 Nov 2020	High Tide (ft)	6.1
D8-B	18 Nov 2020	High Tide Time	1021
D8-B	18 Nov 2020	Low Tide (ft)	2.3
D8-B	18 Nov 2020	Low Tide Time	410
D8-B	18 Nov 2020	Comments	Kelp; Seagrass; Algae; Water turbid

Station	Date	Parameter	Value
D8-B	23 Nov 2020	Arrive Time	911
D8-B	23 Nov 2020	Weather	Overcast
D8-B	23 Nov 2020	Wind Speed (kts)	2.1
D8-B	23 Nov 2020	Wind Dir	W
D8-B	23 Nov 2020	Animal Life	2 Dogs; 4 Pelicans; 8 Seagulls
D8-B	23 Nov 2020	Floatables	Foam
D8-B	23 Nov 2020	Water Color	Green
D8-B	23 Nov 2020	Current Direction	N
D8-B	23 Nov 2020	Water Temp (C)	16.5
D8-B	23 Nov 2020	Wave Height Low (ft)	3
D8-B	23 Nov 2020	High Tide (ft)	4.5
D8-B	23 Nov 2020	High Tide Time	512
D8-B	23 Nov 2020	Low Tide (ft)	2.1
D8-B	23 Nov 2020	Low Tide Time	1116
D8-B	23 Nov 2020	Comments	Kelp; Seagrass; Algae; 5 Persons; Water clear
D9	04 Nov 2020	Arrive Time	1007
D9	04 Nov 2020	Weather	Sunny
D9	04 Nov 2020	Wind Speed (kts)	10.1
D9	04 Nov 2020	Wind Dir	W
D9	04 Nov 2020	Animal Life	3 Crow
D9	04 Nov 2020	Floatables	Foam
D9	04 Nov 2020	Water Color	Green
D9	04 Nov 2020	Current Direction	S
D9	04 Nov 2020	Water Temp (C)	19.9
D9	04 Nov 2020	Wave Height Low (ft)	3
D9	04 Nov 2020	High Tide (ft)	5.3
D9	04 Nov 2020	High Tide Time	950
D9	04 Nov 2020	Low Tide (ft)	2.5
D9	04 Nov 2020	Low Tide Time	330
D9	04 Nov 2020	Comments	Kelp; Seagrass; Algae; 10 Surfers; Water turbid
D9	12 Nov 2020	Arrive Time	1008
D9	12 Nov 2020	Weather	Sunny
D9	12 Nov 2020	Wind Speed (kts)	5.2
D9	12 Nov 2020	Wind Dir	W
D9	12 Nov 2020	Animal Life	1 Seagull
D9	12 Nov 2020	Floatables	None
D9	12 Nov 2020	Water Color	Brown
D9	12 Nov 2020	Current Direction	S
D9	12 Nov 2020	Water Temp (C)	16.8
D9	12 Nov 2020	Wave Height Low (ft)	1
D9	12 Nov 2020	High Tide (ft)	5.8
D9	12 Nov 2020	High Tide Time	630
D9	12 Nov 2020	Low Tide (ft)	0.2
D9	12 Nov 2020	Low Tide Time	1259
D9	12 Nov 2020	Comments	Kelp; Algae; Water turbid
D9	18 Nov 2020	Arrive Time	924
D9	18 Nov 2020	Weather	Partly Cloudy
D9	18 Nov 2020	Wind Speed (kts)	1.1
D9	18 Nov 2020	Wind Dir	N
D9	18 Nov 2020	Animal Life	None
D9	18 Nov 2020	Floatables	Foam
D9	18 Nov 2020	Water Color	Green
D9	18 Nov 2020	Current Direction	N
D9	18 Nov 2020	Water Temp (C)	16.8
D9	18 Nov 2020	Wave Height Low (ft)	3
D9	18 Nov 2020	High Tide (ft)	6.1
D9	18 Nov 2020	High Tide Time	1021

Station	Date	Parameter	Value
D9	18 Nov 2020	Low Tide (ft)	2.3
D9	18 Nov 2020	Low Tide Time	410
D9	18 Nov 2020	Comments	Algae; 2 Surfers; Water turbid
D9	23 Nov 2020	Arrive Time	843
D9	23 Nov 2020	Weather	Overcast
D9	23 Nov 2020	Wind Speed (kts)	0.7
D9	23 Nov 2020	Wind Dir	W
D9	23 Nov 2020	Animal Life	2 Grebes; 2 Seagulls
D9	23 Nov 2020	Floatables	Foam
D9	23 Nov 2020	Water Color	Green
D9	23 Nov 2020	Current Direction	N
D9	23 Nov 2020	Water Temp (C)	16.3
D9	23 Nov 2020	Wave Height Low (ft)	3
D9	23 Nov 2020	High Tide (ft)	4.5
D9	23 Nov 2020	High Tide Time	512
D9	23 Nov 2020	Low Tide (ft)	2.1
D9	23 Nov 2020	Low Tide Time	1116
D9	23 Nov 2020	Comments	Seagrass; Algae; 2 Persons; Water clear
D10	04 Nov 2020	Arrive Time	1022
D10	04 Nov 2020	Weather	Hazy
D10	04 Nov 2020	Wind Speed (kts)	6.6
D10	04 Nov 2020	Wind Dir	NW
D10	04 Nov 2020	Animal Life	7 Seagulls
D10	04 Nov 2020	Floatables	None
D10	04 Nov 2020	Water Color	Green
D10	04 Nov 2020	Current Direction	S
D10	04 Nov 2020	Water Temp (C)	19
D10	04 Nov 2020	Wave Height Low (ft)	3
D10	04 Nov 2020	High Tide (ft)	5.3
D10	04 Nov 2020	High Tide Time	950
D10	04 Nov 2020	Low Tide (ft)	2.5
D10	04 Nov 2020	Low Tide Time	330
D10	04 Nov 2020	Comments	Kelp; Seagrass; 24 Persons; 12 Surfers; 8 Swimmers; Water clear
D10	12 Nov 2020	Arrive Time	1022
D10	12 Nov 2020	Weather	Sunny
D10	12 Nov 2020	Wind Speed (kts)	5.8
D10	12 Nov 2020	Wind Dir	W
D10	12 Nov 2020	Animal Life	28 Seagulls
D10	12 Nov 2020	Floatables	None
D10	12 Nov 2020	Water Color	Brown
D10	12 Nov 2020	Current Direction	S
D10	12 Nov 2020	Water Temp (C)	16.8
D10	12 Nov 2020	Wave Height Low (ft)	2
D10	12 Nov 2020	High Tide (ft)	5.8
D10	12 Nov 2020	High Tide Time	630
D10	12 Nov 2020	Low Tide (ft)	0.2
D10	12 Nov 2020	Low Tide Time	1259
D10	12 Nov 2020	Comments	Kelp; Seagrass; 17 Persons; 21 Surfers; Water turbid
D10	18 Nov 2020	Arrive Time	937
D10	18 Nov 2020	Weather	Partly Cloudy
D10	18 Nov 2020	Wind Speed (kts)	1.7
D10	18 Nov 2020	Wind Dir	W
D10	18 Nov 2020	Animal Life	None
D10	18 Nov 2020	Floatables	Foam
D10	18 Nov 2020	Water Color	Green
D10	18 Nov 2020	Current Direction	S

Station	Date	Parameter	Value
D10	18 Nov 2020	Water Temp (C)	16.7
D10	18 Nov 2020	Wave Height Low (ft)	3
D10	18 Nov 2020	High Tide (ft)	6.1
D10	18 Nov 2020	High Tide Time	1021
D10	18 Nov 2020	Low Tide (ft)	2.3
D10	18 Nov 2020	Low Tide Time	410
D10	18 Nov 2020	Comments	Kelp; Seagrass; 19 Persons; 32 Surfers; 4 Swimmers; Water clear
D10	23 Nov 2020	Arrive Time	800
D10	23 Nov 2020	Weather	Overcast
D10	23 Nov 2020	Wind Speed (kts)	1.7
D10	23 Nov 2020	Wind Dir	NW
D10	23 Nov 2020	Animal Life	15 Seagulls
D10	23 Nov 2020	Floatables	Foam
D10	23 Nov 2020	Water Color	Green
D10	23 Nov 2020	Current Direction	S
D10	23 Nov 2020	Water Temp (C)	16
D10	23 Nov 2020	Wave Height Low (ft)	3
D10	23 Nov 2020	High Tide (ft)	4.5
D10	23 Nov 2020	High Tide Time	512
D10	23 Nov 2020	Low Tide (ft)	2.1
D10	23 Nov 2020	Low Tide Time	1116
D10	23 Nov 2020	Comments	Kelp; Seagrass; 30 Surfers; Water clear
D11	04 Nov 2020	Arrive Time	1040
D11	04 Nov 2020	Weather	Sunny
D11	04 Nov 2020	Wind Speed (kts)	5.8
D11	04 Nov 2020	Wind Dir	W
D11	04 Nov 2020	Animal Life	2 Dogs; 2 Pigeons; 5 Seagulls
D11	04 Nov 2020	Floatables	Foam
D11	04 Nov 2020	Water Color	Green
D11	04 Nov 2020	Current Direction	S
D11	04 Nov 2020	Water Temp (C)	20
D11	04 Nov 2020	Wave Height Low (ft)	2
D11	04 Nov 2020	High Tide (ft)	5.3
D11	04 Nov 2020	High Tide Time	950
D11	04 Nov 2020	Low Tide (ft)	0.4
D11	04 Nov 2020	Low Tide Time	1732
D11	04 Nov 2020	Comments	Kelp; Seagrass; 13 Persons; 23 Surfers; Water clear
D11	12 Nov 2020	Arrive Time	1102
D11	12 Nov 2020	Weather	Sunny
D11	12 Nov 2020	Wind Speed (kts)	6.4
D11	12 Nov 2020	Wind Dir	W
D11	12 Nov 2020	Animal Life	3 Shorebirds; 8 Dogs
D11	12 Nov 2020	Floatables	None
D11	12 Nov 2020	Water Color	Green
D11	12 Nov 2020	Current Direction	S
D11	12 Nov 2020	Water Temp (C)	19.1
D11	12 Nov 2020	Wave Height Low (ft)	1
D11	12 Nov 2020	High Tide (ft)	5.8
D11	12 Nov 2020	High Tide Time	630
D11	12 Nov 2020	Low Tide (ft)	0.2
D11	12 Nov 2020	Low Tide Time	1259
D11	12 Nov 2020	Comments	Kelp; Seagrass; 16 Persons; 20 Surfers; Water clear
D11	18 Nov 2020	Arrive Time	952
D11	18 Nov 2020	Weather	Partly Cloudy
D11	18 Nov 2020	Wind Speed (kts)	2.3
D11	18 Nov 2020	Wind Dir	E

Station	Date	Parameter	Value
D11	18 Nov 2020	Animal Life	None
D11	18 Nov 2020	Floatables	Foam; Dead Animals
D11	18 Nov 2020	Water Color	Green
D11	18 Nov 2020	Current Direction	S
D11	18 Nov 2020	Water Temp (C)	16.9
D11	18 Nov 2020	Wave Height Low (ft)	2
D11	18 Nov 2020	High Tide (ft)	6.1
D11	18 Nov 2020	High Tide Time	1021
D11	18 Nov 2020	Low Tide (ft)	2.3
D11	18 Nov 2020	Low Tide Time	410
D11	18 Nov 2020	Comments	Kelp; Seagrass; Algae; 1 Jogger; 7 Persons; 44 Surfers; Water turbid
D11	23 Nov 2020	Arrive Time	745
D11	23 Nov 2020	Weather	Overcast
D11	23 Nov 2020	Wind Speed (kts)	0
D11	23 Nov 2020	Wind Dir	
D11	23 Nov 2020	Animal Life	1 Dog; 1 Godwit
D11	23 Nov 2020	Floatables	None
D11	23 Nov 2020	Water Color	Green
D11	23 Nov 2020	Current Direction	S
D11	23 Nov 2020	Water Temp (C)	15.5
D11	23 Nov 2020	Wave Height Low (ft)	2
D11	23 Nov 2020	High Tide (ft)	4.5
D11	23 Nov 2020	High Tide Time	512
D11	23 Nov 2020	Low Tide (ft)	2.1
D11	23 Nov 2020	Low Tide Time	1116
D11	23 Nov 2020	Comments	Kelp; Seagrass; 16 Persons; 22 Surfers; 1 Boat; Water clear
D12	04 Nov 2020	Arrive Time	1129
D12	04 Nov 2020	Weather	Sunny
D12	04 Nov 2020	Wind Speed (kts)	7.7
D12	04 Nov 2020	Wind Dir	NW
D12	04 Nov 2020	Animal Life	6 Cormorants; 2 Pelicans; 3 Pigeons; 6 Seagulls
D12	04 Nov 2020	Floatables	None
D12	04 Nov 2020	Water Color	Green
D12	04 Nov 2020	Current Direction	S
D12	04 Nov 2020	Water Temp (C)	20.8
D12	04 Nov 2020	Wave Height Low (ft)	2
D12	04 Nov 2020	High Tide (ft)	5.3
D12	04 Nov 2020	High Tide Time	950
D12	04 Nov 2020	Low Tide (ft)	0.4
D12	04 Nov 2020	Low Tide Time	1732
D12	04 Nov 2020	Comments	Kelp; Seagrass; 11 Persons; 3 Surfers; Water clear
D12	12 Nov 2020	Arrive Time	1126
D12	12 Nov 2020	Weather	Sunny
D12	12 Nov 2020	Wind Speed (kts)	5.2
D12	12 Nov 2020	Wind Dir	W
D12	12 Nov 2020	Animal Life	21 Seagulls
D12	12 Nov 2020	Floatables	None
D12	12 Nov 2020	Water Color	Green
D12	12 Nov 2020	Current Direction	S
D12	12 Nov 2020	Water Temp (C)	19.6
D12	12 Nov 2020	Wave Height Low (ft)	1
D12	12 Nov 2020	High Tide (ft)	5.8
D12	12 Nov 2020	High Tide Time	630
D12	12 Nov 2020	Low Tide (ft)	0.2
D12	12 Nov 2020	Low Tide Time	1259
D12	12 Nov 2020	Comments	Kelp; Seagrass; 9 Persons; Water clear

Station	Date	Parameter	Value
D12	18 Nov 2020	Arrive Time	1049
D12	18 Nov 2020	Weather	Sunny
D12	18 Nov 2020	Wind Speed (kts)	4.4
D12	18 Nov 2020	Wind Dir	W
D12	18 Nov 2020	Animal Life	2 Godwits; 2 Seagulls
D12	18 Nov 2020	Floatables	Foam
D12	18 Nov 2020	Water Color	Green
D12	18 Nov 2020	Current Direction	S
D12	18 Nov 2020	Water Temp (C)	18.5
D12	18 Nov 2020	Wave Height Low (ft)	2
D12	18 Nov 2020	High Tide (ft)	6.1
D12	18 Nov 2020	High Tide Time	1021
D12	18 Nov 2020	Low Tide (ft)	2.3
D12	18 Nov 2020	Low Tide Time	410
D12	18 Nov 2020	Comments	Kelp; Seagrass; '2 Person; 2 Surfers; 2 Swimmers; Water turbid
D12	23 Nov 2020	Arrive Time	721
D12	23 Nov 2020	Weather	Overcast
D12	23 Nov 2020	Wind Speed (kts)	1.3
D12	23 Nov 2020	Wind Dir	W
D12	23 Nov 2020	Animal Life	22 Seagulls
D12	23 Nov 2020	Floatables	None
D12	23 Nov 2020	Water Color	Green
D12	23 Nov 2020	Current Direction	S
D12	23 Nov 2020	Water Temp (C)	17.5
D12	23 Nov 2020	Wave Height Low (ft)	3
D12	23 Nov 2020	High Tide (ft)	4.5
D12	23 Nov 2020	High Tide Time	512
D12	23 Nov 2020	Low Tide (ft)	2.1
D12	23 Nov 2020	Low Tide Time	1116
D12	23 Nov 2020	Comments	Kelp; Seagrass; 3 Persons; 5 Surfers; Water clear

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Kelp Stations

Table 3.1

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Nov 2020	5*	8*	21*	13*	4*	15*	5*	3*
02 Nov 2020	4	6	13	12	3	10	4	3
03 Nov 2020	4	6	13	12	3	10	4	3
04 Nov 2020	3*	6*	9*	11*	3*	11*	4*	3*
05 Nov 2020	3*	6*	9*	11*	3*	11*	4*	3*
06 Nov 2020	3*	6*	9*	11*	3*	11*	4*	3*
07 Nov 2020	3*	6*	9*	11*	3*	11*	4*	3*
08 Nov 2020	3*	6*	9*	11*	3*	11*	4*	3*
09 Nov 2020	3*	6*	9*	11*	3*	11*	4*	3*
10 Nov 2020	3*	6*	9*	11*	3*	11*	4*	3*
11 Nov 2020	6	7	9	10	3	8	4	4
12 Nov 2020	5*	8*	9*	9*	4*	6*	4*	3*
13 Nov 2020	5*	8*	9*	9*	4*	6*	4*	3*
14 Nov 2020	5*	8*	9*	9*	4*	6*	4*	3*
15 Nov 2020	5*	8*	9*	9*	4*	6*	4*	3*
16 Nov 2020	5*	8*	9*	9*	4*	6*	4*	3*
17 Nov 2020	6	10	9	7	3	5	5	5
18 Nov 2020	6	10	9	7	3	5	5	5
19 Nov 2020	8*	9*	7*	6*	3*	3*	5*	5*
20 Nov 2020	8*	9*	7*	6*	3*	3*	5*	5*
21 Nov 2020	8*	9*	7*	6*	3*	3*	5*	5*
22 Nov 2020	8*	9*	7*	6*	3*	3*	5*	5*
23 Nov 2020	9	8	7	5	3	3	4	6
24 Nov 2020	9	8	7	5	3	3	4	6
25 Nov 2020	9	8	7	5	3	3	4	6
26 Nov 2020	9	8	7	5	3	3	4	6
27 Nov 2020	14*	7*	6*	4*	3*	2*	5*	8*
28 Nov 2020	14*	7*	6*	4*	3*	2*	5*	8*
29 Nov 2020	14*	7*	6*	4*	3*	2*	5*	8*
30 Nov 2020	14*	7*	6*	4*	3*	2*	5*	8*

* 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 2020	2*	3*	5*	2*	2*	2*	2*	2*
02 Nov 2020	2	3	4	2	2	2	2	2
03 Nov 2020	2	3	4	2	2	2	2	2
04 Nov 2020	2*	3*	3*	2*	2*	2*	2*	2*
05 Nov 2020	2*	3*	3*	2*	2*	2*	2*	2*
06 Nov 2020	2*	3*	3*	2*	2*	2*	2*	2*
07 Nov 2020	2*	3*	3*	2*	2*	2*	2*	2*
08 Nov 2020	2*	3*	3*	2*	2*	2*	2*	2*
09 Nov 2020	2*	3*	3*	2*	2*	2*	2*	2*
10 Nov 2020	2*	3*	3*	2*	2*	2*	2*	2*
11 Nov 2020	2	3	3	2	2	2	2	2
12 Nov 2020	3*	3*	3*	2*	2*	2*	2*	2*
13 Nov 2020	3*	3*	3*	2*	2*	2*	2*	2*
14 Nov 2020	3*	3*	3*	2*	2*	2*	2*	2*
15 Nov 2020	3*	3*	3*	2*	2*	2*	2*	2*
16 Nov 2020	3*	3*	3*	2*	2*	2*	2*	2*
17 Nov 2020	2	3	3	2	2	2	2	3
18 Nov 2020	2	3	3	2	2	2	2	3
19 Nov 2020	3*	2*	3*	2*	2*	2*	3*	3*
20 Nov 2020	3*	2*	3*	2*	2*	2*	3*	3*
21 Nov 2020	3*	2*	3*	2*	2*	2*	3*	3*
22 Nov 2020	3*	2*	3*	2*	2*	2*	3*	3*
23 Nov 2020	2	2	3	2	2	2	2	3
24 Nov 2020	2	2	3	2	2	2	2	3
25 Nov 2020	2	2	3	2	2	2	2	3
26 Nov 2020	2	2	3	2	2	2	2	3
27 Nov 2020	3*	2*	2*	2*	2*	2*	3*	3*
28 Nov 2020	3*	2*	2*	2*	2*	2*	3*	3*
29 Nov 2020	3*	2*	2*	2*	2*	2*	3*	3*
30 Nov 2020	3*	2*	2*	2*	2*	2*	3*	3*

* 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 2020	2*	2*	2*	2*	2*	2*	2*	2*
02 Nov 2020	2	2	2	2	2	2	2	2
03 Nov 2020	2	2	2	2	2	2	2	2
04 Nov 2020	2*	2*	2*	2*	2*	2*	2*	2*
05 Nov 2020	2*	2*	2*	2*	2*	2*	2*	2*
06 Nov 2020	2*	2*	2*	2*	2*	2*	2*	2*
07 Nov 2020	2*	2*	2*	2*	2*	2*	2*	2*
08 Nov 2020	2*	2*	2*	2*	2*	2*	2*	2*
09 Nov 2020	2*	2*	2*	2*	2*	2*	2*	2*
10 Nov 2020	2*	2*	2*	2*	2*	2*	2*	2*
11 Nov 2020	2	2	2	2	2	2	2	2
12 Nov 2020	2*	2*	2*	2*	2*	2*	2*	2*
13 Nov 2020	2*	2*	2*	2*	2*	2*	2*	2*
14 Nov 2020	2*	2*	2*	2*	2*	2*	2*	2*
15 Nov 2020	2*	2*	2*	2*	2*	2*	2*	2*
16 Nov 2020	2*	2*	2*	2*	2*	2*	2*	2*
17 Nov 2020	2	2	2	2	2	2	2	2
18 Nov 2020	2	2	2	2	2	2	2	2
19 Nov 2020	2*	2*	2*	2*	2*	2*	2*	2*
20 Nov 2020	2*	2*	2*	2*	2*	2*	2*	2*
21 Nov 2020	2*	2*	2*	2*	2*	2*	2*	2*
22 Nov 2020	2*	2*	2*	2*	2*	2*	2*	2*
23 Nov 2020	2	2	2	2	2	2	2	2
24 Nov 2020	2	2	2	2	2	2	2	2
25 Nov 2020	2	2	2	2	2	2	2	2
26 Nov 2020	2	2	2	2	2	2	2	2
27 Nov 2020	2*	2*	2*	2*	2*	2*	2*	2*
28 Nov 2020	2*	2*	2*	2*	2*	2*	2*	2*
29 Nov 2020	2*	2*	2*	2*	2*	2*	2*	2*
30 Nov 2020	2*	2*	2*	2*	2*	2*	2*	2*

* Geometric mean calculated using n<5

Table 3.4

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
02 Nov 2020	IC							
11 Nov 2020	IC							
17 Nov 2020	IC							
23 Nov 2020	IC							

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 3.5

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
02 Nov 2020	IC							
11 Nov 2020	IC							
17 Nov 2020	IC							
23 Nov 2020	IC							

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 3.6

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
02 Nov 2020	IC							
11 Nov 2020	IC							
17 Nov 2020	IC							
23 Nov 2020	IC							

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 3.7

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
02 Nov 2020	IC							
11 Nov 2020	IC							
17 Nov 2020	IC							
23 Nov 2020	IC							

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 3.8

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

Station	Date	Time	Depth	Total	Fecal	Enter	F:T	Temp	XMS	DO	Sal	pH
A1	02 Nov 2020	755	1	<2	<2	<2	1.00	18.0	87.50	7.9	33.57	8.2
A1	02 Nov 2020	755	12	2e	<2	<2	1.00	16.8	82.67	7.2	33.52	8.1
A1	02 Nov 2020	755	18	<2	<2	<2	1.00	15.1	87.31	6.1	33.50	8.0
A1	11 Nov 2020	807	1	<2	<2	<2	1.00	15.9	83.83	7.0	33.61	8.1
A1	11 Nov 2020	807	12	4e	<2	<2	0.50	14.9	87.16	6.2	33.57	8.0
A1	11 Nov 2020	807	18	<200	12e	4e	0.06	12.6	89.96	5.6	33.57	7.9
A1	17 Nov 2020	836	1	<2	<2	<2	1.00	15.3	81.92	7.6	33.56	8.0
A1	17 Nov 2020	836	12	20e	<2	2e	0.10	13.5	87.21	6.0	33.56	7.9
A1	17 Nov 2020	836	18	34e	<2	<2	0.06	13.3	89.28	5.6	33.56	7.8
A1	23 Nov 2020	804	1	<2	<2	<2	1.00	14.8	80.54	7.5	33.56	8.0
A1	23 Nov 2020	804	12	<20	2e	<2	0.10	14.0	83.67	6.5	33.57	7.9
A1	23 Nov 2020	804	18	<20	2e	2e	0.10	13.3	88.91	5.7	33.58	7.8
A6	02 Nov 2020	825	1	<2	<2	<2	1.00	18.0	85.04	8.2	33.58	8.2
A6	02 Nov 2020	825	12	2e	<2	<2	1.00	15.7	84.80	6.8	33.48	8.1
A6	02 Nov 2020	825	18	2e	<2	<2	1.00	15.2	86.43	6.4	33.49	8.1
A6	11 Nov 2020	841	1	<2	<2	<2	1.00	16.3	83.32	7.1	33.62	8.1
A6	11 Nov 2020	841	12	20e	<2	<2	0.10	13.6	90.28	6.1	33.50	8.0
A6	11 Nov 2020	841	18	12e	<2	<2	0.17	12.9	90.45	5.5	33.56	7.9
A6	17 Nov 2020	906	1	<2	<2	<2	1.00	15.5	82.44	7.8	33.56	8.0
A6	17 Nov 2020	906	12	40e	4e	<2	0.10	13.8	88.38	6.2	33.55	7.9
A6	17 Nov 2020	906	18	32e	2e	2e	0.06	13.2	90.29	5.8	33.56	7.9
A6	23 Nov 2020	837	1	<2	<2	<2	1.00	14.9	82.77	7.5	33.56	8.0
A6	23 Nov 2020	837	12	4e	<2	<2	0.50	14.2	86.74	6.5	33.56	7.9
A6	23 Nov 2020	837	18	8e	<2	<2	0.25	13.9	88.66	6.0	33.57	7.9
A7	02 Nov 2020	809	1	<2	<2	<2	1.00	18.0	83.82	8.4	33.58	8.2
A7	02 Nov 2020	809	12	<2	<2	<2	1.00	15.9	84.60	6.8	33.49	8.1
A7	02 Nov 2020	809	18	<2	<2	<2	1.00	15.4	84.86	6.4	33.49	8.1
A7	11 Nov 2020	822	1	<2	<2	<2	1.00	16.4	83.60	7.5	33.63	8.1
A7	11 Nov 2020	822	12	<2	<2	<2	1.00	14.0	89.11	6.0	33.52	8.0
A7	11 Nov 2020	822	18	<20	4e	2e	0.20	13.6	89.48	5.6	33.54	8.0
A7	17 Nov 2020	849	1	<2	<2	<2	1.00	15.3	83.46	7.6	33.56	8.0
A7	17 Nov 2020	849	12	2e	<2	<2	1.00	14.1	86.68	6.5	33.55	7.9
A7	17 Nov 2020	849	18	26e	4e	2e	0.15	13.8	88.08	6.1	33.56	7.9
A7	23 Nov 2020	823	1	<2	<2	<2	1.00	14.9	82.99	7.5	33.56	8.0
A7	23 Nov 2020	823	12	4e	2e	<2	0.50	14.1	88.27	6.3	33.57	7.9
A7	23 Nov 2020	823	18	14e	<2	<2	0.14	13.6	88.95	5.9	33.58	7.8
C4	02 Nov 2020	950	1	<2	<2	<2	1.00	17.7	79.56	7.2	33.56	8.1
C4	02 Nov 2020	950	3	<2	<2	<2	1.00	17.6	79.67	7.2	33.56	8.1
C4	02 Nov 2020	950	9	20e	<2	<2	0.10	17.2	80.24	6.3	33.56	8.1

Station	Date	Time	Depth	Total	Fecal	Enteric	F:T	Temp	XMS	DO	Sal	pH
C4	11 Nov 2020	950	1	<2	<2	<2	1.00	16.1	81.44	6.8	33.60	8.0
C4	11 Nov 2020	950	3	2e	<2	<2	1.00	16.1	81.86	6.8	33.61	8.1
C4	11 Nov 2020	950	9	<20	2e	<2	0.10	14.3	81.83	4.7	33.57	7.9
C4	17 Nov 2020	1023	1	<2	<2	<2	1.00	15.1	82.14	7.4	33.56	8.0
C4	17 Nov 2020	1023	3	<2	<2	<2	1.00	15.0	81.50	7.4	33.57	8.0
C4	17 Nov 2020	1023	9	<2	<2	<2	1.00	14.5	82.24	6.5	33.57	7.9
C4	23 Nov 2020	938	1	<2	<2	2e	1.00	15.0	81.40	6.7	33.59	7.9
C4	23 Nov 2020	938	3	<2	<2	<2	1.00	14.9	80.52	6.7	33.59	7.9
C4	23 Nov 2020	938	9	<2	<2	<2	1.00	14.4	84.41	5.6	33.57	7.9
C5	02 Nov 2020	933	1	<2	<2	<2	1.00	18.0	83.63	7.4	33.58	8.2
C5	02 Nov 2020	933	3	<2	<2	<2	1.00	17.9	83.45	7.3	33.58	8.2
C5	02 Nov 2020	933	9	<2	<2	<2	1.00	17.6	83.54	7.0	33.58	8.2
C5	11 Nov 2020	938	1	<2	<2	<2	1.00	16.4	82.78	7.2	33.62	8.1
C5	11 Nov 2020	938	3	<2	<2	<2	1.00	16.3	81.93	7.1	33.61	8.1
C5	11 Nov 2020	938	9	12e	<2	<2	0.17	14.4	86.63	5.2	33.55	7.9
C5	17 Nov 2020	1011	1	<2	<2	<2	1.00	15.6	80.46	8.0	33.58	8.1
C5	17 Nov 2020	1011	3	<2	<2	<2	1.00	15.4	80.12	7.9	33.58	8.1
C5	17 Nov 2020	1011	9	4e	<2	<2	0.50	14.8	85.33	6.4	33.57	7.9
C5	23 Nov 2020	929	1	<2	<2	<2	1.00	15.1	79.28	6.6	33.57	7.8
C5	23 Nov 2020	929	3	<2	<2	<2	1.00	15.1	80.55	6.6	33.57	7.8
C5	23 Nov 2020	929	9	2e	<2	<2	1.00	14.2	87.08	6.0	33.57	7.9
C6	02 Nov 2020	919	1	<2	<2	<2	1.00	18.3	83.81	8.0	33.58	8.2
C6	02 Nov 2020	919	3	<2	<2	<2	1.00	18.2	83.72	7.9	33.59	8.2
C6	02 Nov 2020	919	9	<2	<2	<2	1.00	16.6	85.58	6.0	33.53	8.1
C6	11 Nov 2020	927	1	<2	<2	<2	1.00	16.5	81.46	7.1	33.62	8.1
C6	11 Nov 2020	927	3	<2	<2	<2	1.00	16.5	81.49	7.1	33.62	8.1
C6	11 Nov 2020	927	9	2e	<2	<2	1.00	14.2	85.00	5.0	33.55	7.9
C6	17 Nov 2020	1000	1	<2	<2	<2	1.00	15.9	81.92	7.2	33.59	8.0
C6	17 Nov 2020	1000	3	<2	<2	<2	1.00	15.7	80.51	7.3	33.59	8.0
C6	17 Nov 2020	1000	9	2e	<2	<2	1.00	14.4	85.84	5.9	33.58	7.9
C6	23 Nov 2020	920	1	<2	<2	<2	1.00	15.1	81.10	6.7	33.56	7.8
C6	23 Nov 2020	920	3	<2	<2	<2	1.00	15.1	81.09	6.7	33.56	7.9
C6	23 Nov 2020	920	9	<2	<2	<2	1.00	14.2	86.87	5.4	33.57	7.8
C7	02 Nov 2020	842	1	<2	<2	<2	1.00	18.0	83.48	8.7	33.57	8.2
C7	02 Nov 2020	842	12	<2	<2	<2	1.00	15.8	82.41	6.6	33.51	8.1
C7	02 Nov 2020	842	18	2e	<2	<2	1.00	15.1	88.25	5.8	33.49	8.0
C7	11 Nov 2020	855	1	<2	<2	<2	1.00	16.5	82.64	7.3	33.62	8.1
C7	11 Nov 2020	855	12	16e	2e	<2	0.12	14.2	89.26	6.0	33.53	8.0
C7	11 Nov 2020	855	18	<2	4e	<2	2.00	13.0	90.31	5.6	33.53	7.9
C7	17 Nov 2020	920	1	<2	<2	<2	1.00	15.5	80.71	7.9	33.56	8.1
C7	17 Nov 2020	920	12	26e	4e	4e	0.15	13.1	90.85	5.5	33.56	7.8
C7	17 Nov 2020	920	18	36e	6e	4e	0.17	13.1	90.81	5.5	33.56	7.8
C7	23 Nov 2020	850	1	<2	<2	<2	1.00	15.0	86.79	7.3	33.55	8.0
C7	23 Nov 2020	850	12	<2	<2	<2	1.00	14.4	87.75	6.8	33.55	7.9
C7	23 Nov 2020	850	18	4e	<2	<2	0.50	13.4	88.64	5.5	33.58	7.8
C8	02 Nov 2020	856	1	<2	<2	<2	1.00	17.9	84.67	8.3	33.57	8.2

Station	Date	Time	Depth	Total	Fecal	Enteric	F:T	Temp	XMS	DO	Sal	pH
C8	02 Nov 2020	856	12	2e	<2	<2	1.00	15.8	83.83	6.9	33.50	8.1
C8	02 Nov 2020	856	18	<2	<2	<2	1.00	15.1	88.46	5.9	33.49	8.0
C8	11 Nov 2020	907	1	<2	<2	<2	1.00	16.5	80.95	7.4	33.62	8.1
C8	11 Nov 2020	907	12	2e	<2	<2	1.00	13.6	89.32	5.9	33.51	8.0
C8	11 Nov 2020	907	18	<20	6e	<2	0.30	12.9	89.99	5.6	33.55	7.9
C8	17 Nov 2020	939	1	<2	<2	<2	1.00	15.6	82.97	7.8	33.56	8.0
C8	17 Nov 2020	939	12	60e	4e	<2	0.07	13.3	88.40	5.9	33.57	7.9
C8	17 Nov 2020	939	18	12e	4e	<2	0.33	13.1	90.06	5.7	33.56	7.9
C8	23 Nov 2020	903	1	<2	<2	<2	1.00	15.1	86.05	7.4	33.55	8.0
C8	23 Nov 2020	903	12	<20	<2	2e	0.10	14.2	87.82	6.7	33.55	7.9
C8	23 Nov 2020	903	18	6e	2e	<2	0.33	13.2	88.94	5.7	33.58	7.8

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	02 Nov 2020	Depth (m)	20
A1	02 Nov 2020	Arrive Time	755
A1	02 Nov 2020	Depart Time	758
A1	02 Nov 2020	Air Temp (C)	17
A1	02 Nov 2020	Weather	Haze
A1	02 Nov 2020	Visibility (mi)	7
A1	02 Nov 2020	Wind Speed (kts)	7
A1	02 Nov 2020	Wind Dir	E
A1	02 Nov 2020	Water Color	Greenish-Blue
A1	02 Nov 2020	Wave Ht Low (ft)	2
A1	02 Nov 2020	Wave Period (sec)	11
A1	02 Nov 2020	Sea State	Calm
A1	02 Nov 2020	High Tide (ft)	6.33
A1	02 Nov 2020	High Tide Time	2106
A1	02 Nov 2020	Low Tide (ft)	-0.71
A1	02 Nov 2020	Low Tide Time	405
A1	02 Nov 2020	Comments	Kelp
A1	11 Nov 2020	Depth (m)	22
A1	11 Nov 2020	Arrive Time	807
A1	11 Nov 2020	Depart Time	814
A1	11 Nov 2020	Air Temp (C)	13
A1	11 Nov 2020	Weather	Haze
A1	11 Nov 2020	Visibility (mi)	11
A1	11 Nov 2020	Wind Speed (kts)	7
A1	11 Nov 2020	Wind Dir	E
A1	11 Nov 2020	Water Color	Greenish-Blue
A1	11 Nov 2020	Wave Ht Low (ft)	3
A1	11 Nov 2020	Wave Period (sec)	13
A1	11 Nov 2020	Sea State	Light chop
A1	11 Nov 2020	High Tide (ft)	6.33
A1	11 Nov 2020	High Tide Time	2106
A1	11 Nov 2020	Low Tide (ft)	-0.71
A1	11 Nov 2020	Low Tide Time	405
A1	11 Nov 2020	Comments	none
A1	17 Nov 2020	Depth (m)	21
A1	17 Nov 2020	Arrive Time	836
A1	17 Nov 2020	Depart Time	842
A1	17 Nov 2020	Air Temp (C)	16
A1	17 Nov 2020	Weather	Clear
A1	17 Nov 2020	Visibility (mi)	15
A1	17 Nov 2020	Wind Speed (kts)	6
A1	17 Nov 2020	Wind Dir	W
A1	17 Nov 2020	Water Color	Greenish-Blue
A1	17 Nov 2020	Wave Ht Low (ft)	3
A1	17 Nov 2020	Wave Period (sec)	13
A1	17 Nov 2020	Sea State	Calm
A1	17 Nov 2020	High Tide (ft)	6.54
A1	17 Nov 2020	High Tide Time	936
A1	17 Nov 2020	Low Tide (ft)	1.85
A1	17 Nov 2020	Low Tide Time	325
A1	17 Nov 2020	Comments	none
A1	23 Nov 2020	Depth (m)	18
A1	23 Nov 2020	Arrive Time	804

Station	Date	Parameter	Value
A1	23 Nov 2020	Depart Time	820
A1	23 Nov 2020	Air Temp (C)	14
A1	23 Nov 2020	Weather	Partly Cloudy
A1	23 Nov 2020	Visibility (mi)	5
A1	23 Nov 2020	Wind Speed (kts)	8
A1	23 Nov 2020	Wind Dir	E
A1	23 Nov 2020	Water Color	Green
A1	23 Nov 2020	Wave Ht Low (ft)	3
A1	23 Nov 2020	Wave Period (sec)	9
A1	23 Nov 2020	Sea State	Calm
A1	23 Nov 2020	High Tide (ft)	4.5
A1	23 Nov 2020	High Tide Time	512
A1	23 Nov 2020	Low Tide (ft)	2.12
A1	23 Nov 2020	Low Tide Time	1116
A1	23 Nov 2020	Comments	Kelp; Lobster floats
A6	02 Nov 2020	Depth (m)	19
A6	02 Nov 2020	Arrive Time	825
A6	02 Nov 2020	Depart Time	829
A6	02 Nov 2020	Air Temp (C)	17
A6	02 Nov 2020	Weather	Haze
A6	02 Nov 2020	Visibility (mi)	7
A6	02 Nov 2020	Wind Speed (kts)	4
A6	02 Nov 2020	Wind Dir	SE
A6	02 Nov 2020	Water Color	Greenish-Blue
A6	02 Nov 2020	Wave Ht Low (ft)	2
A6	02 Nov 2020	Wave Period (sec)	11
A6	02 Nov 2020	Sea State	Calm
A6	02 Nov 2020	High Tide (ft)	6.33
A6	02 Nov 2020	High Tide Time	2106
A6	02 Nov 2020	Low Tide (ft)	-0.71
A6	02 Nov 2020	Low Tide Time	405
A6	02 Nov 2020	Comments	Kelp
A6	11 Nov 2020	Depth (m)	20
A6	11 Nov 2020	Arrive Time	841
A6	11 Nov 2020	Depart Time	842
A6	11 Nov 2020	Air Temp (C)	15
A6	11 Nov 2020	Weather	Haze
A6	11 Nov 2020	Visibility (mi)	11
A6	11 Nov 2020	Wind Speed (kts)	0
A6	11 Nov 2020	Wind Dir	
A6	11 Nov 2020	Water Color	Greenish-Blue
A6	11 Nov 2020	Wave Ht Low (ft)	3
A6	11 Nov 2020	Wave Period (sec)	13
A6	11 Nov 2020	Sea State	Light chop
A6	11 Nov 2020	High Tide (ft)	6.33
A6	11 Nov 2020	High Tide Time	2106
A6	11 Nov 2020	Low Tide (ft)	-0.71
A6	11 Nov 2020	Low Tide Time	405
A6	11 Nov 2020	Comments	none
A6	17 Nov 2020	Depth (m)	20
A6	17 Nov 2020	Arrive Time	906
A6	17 Nov 2020	Depart Time	910
A6	17 Nov 2020	Air Temp (C)	16
A6	17 Nov 2020	Weather	Clear
A6	17 Nov 2020	Visibility (mi)	15
A6	17 Nov 2020	Wind Speed (kts)	2
A6	17 Nov 2020	Wind Dir	NW
A6	17 Nov 2020	Water Color	Greenish-Blue

Station	Date	Parameter	Value
A6	17 Nov 2020	Wave Ht Low (ft)	3
A6	17 Nov 2020	Wave Period (sec)	13
A6	17 Nov 2020	Sea State	Calm
A6	17 Nov 2020	High Tide (ft)	6.54
A6	17 Nov 2020	High Tide Time	936
A6	17 Nov 2020	Low Tide (ft)	1.85
A6	17 Nov 2020	Low Tide Time	325
A6	17 Nov 2020	Comments	none
A6	23 Nov 2020	Depth (m)	19
A6	23 Nov 2020	Arrive Time	837
A6	23 Nov 2020	Depart Time	841
A6	23 Nov 2020	Air Temp (C)	14
A6	23 Nov 2020	Weather	Partly Cloudy
A6	23 Nov 2020	Visibility (mi)	5
A6	23 Nov 2020	Wind Speed (kts)	6
A6	23 Nov 2020	Wind Dir	NE
A6	23 Nov 2020	Water Color	Green
A6	23 Nov 2020	Wave Ht Low (ft)	3
A6	23 Nov 2020	Wave Period (sec)	9
A6	23 Nov 2020	Sea State	Calm
A6	23 Nov 2020	High Tide (ft)	4.5
A6	23 Nov 2020	High Tide Time	512
A6	23 Nov 2020	Low Tide (ft)	2.12
A6	23 Nov 2020	Low Tide Time	1116
A6	23 Nov 2020	Comments	Lobster floats; Kelp debris
A7	02 Nov 2020	Depth (m)	19
A7	02 Nov 2020	Arrive Time	809
A7	02 Nov 2020	Depart Time	811
A7	02 Nov 2020	Air Temp (C)	17
A7	02 Nov 2020	Weather	Haze
A7	02 Nov 2020	Visibility (mi)	7
A7	02 Nov 2020	Wind Speed (kts)	3
A7	02 Nov 2020	Wind Dir	E
A7	02 Nov 2020	Water Color	Greenish-Blue
A7	02 Nov 2020	Wave Ht Low (ft)	2
A7	02 Nov 2020	Wave Period (sec)	11
A7	02 Nov 2020	Sea State	Calm
A7	02 Nov 2020	High Tide (ft)	6.33
A7	02 Nov 2020	High Tide Time	2106
A7	02 Nov 2020	Low Tide (ft)	-0.71
A7	02 Nov 2020	Low Tide Time	405
A7	02 Nov 2020	Comments	Kelp
A7	11 Nov 2020	Depth (m)	18
A7	11 Nov 2020	Arrive Time	822
A7	11 Nov 2020	Depart Time	828
A7	11 Nov 2020	Air Temp (C)	14
A7	11 Nov 2020	Weather	Haze
A7	11 Nov 2020	Visibility (mi)	11
A7	11 Nov 2020	Wind Speed (kts)	2
A7	11 Nov 2020	Wind Dir	N
A7	11 Nov 2020	Water Color	Greenish-Blue
A7	11 Nov 2020	Wave Ht Low (ft)	3
A7	11 Nov 2020	Wave Period (sec)	13
A7	11 Nov 2020	Sea State	Light chop
A7	11 Nov 2020	High Tide (ft)	6.33
A7	11 Nov 2020	High Tide Time	2106
A7	11 Nov 2020	Low Tide (ft)	-0.71
A7	11 Nov 2020	Low Tide Time	405

Station	Date	Parameter	Value
A7	11 Nov 2020	Comments	none
A7	17 Nov 2020	Depth (m)	20
A7	17 Nov 2020	Arrive Time	849
A7	17 Nov 2020	Depart Time	856
A7	17 Nov 2020	Air Temp (C)	16
A7	17 Nov 2020	Weather	Clear
A7	17 Nov 2020	Visibility (mi)	15
A7	17 Nov 2020	Wind Speed (kts)	8
A7	17 Nov 2020	Wind Dir	N
A7	17 Nov 2020	Water Color	Greenish-Blue
A7	17 Nov 2020	Wave Ht Low (ft)	3
A7	17 Nov 2020	Wave Period (sec)	13
A7	17 Nov 2020	Sea State	Calm
A7	17 Nov 2020	High Tide (ft)	6.54
A7	17 Nov 2020	High Tide Time	936
A7	17 Nov 2020	Low Tide (ft)	1.85
A7	17 Nov 2020	Low Tide Time	325
A7	17 Nov 2020	Comments	none
A7	23 Nov 2020	Depth (m)	18
A7	23 Nov 2020	Arrive Time	823
A7	23 Nov 2020	Depart Time	826
A7	23 Nov 2020	Air Temp (C)	14
A7	23 Nov 2020	Weather	Partly Cloudy
A7	23 Nov 2020	Visibility (mi)	5
A7	23 Nov 2020	Wind Speed (kts)	5
A7	23 Nov 2020	Wind Dir	NE
A7	23 Nov 2020	Water Color	Green
A7	23 Nov 2020	Wave Ht Low (ft)	3
A7	23 Nov 2020	Wave Period (sec)	9
A7	23 Nov 2020	Sea State	Calm
A7	23 Nov 2020	High Tide (ft)	4.5
A7	23 Nov 2020	High Tide Time	512
A7	23 Nov 2020	Low Tide (ft)	2.12
A7	23 Nov 2020	Low Tide Time	1116
A7	23 Nov 2020	Comments	Kelp
C4	02 Nov 2020	Depth (m)	11
C4	02 Nov 2020	Arrive Time	950
C4	02 Nov 2020	Depart Time	951
C4	02 Nov 2020	Air Temp (C)	16
C4	02 Nov 2020	Weather	Fog
C4	02 Nov 2020	Visibility (mi)	< 1
C4	02 Nov 2020	Wind Speed (kts)	2
C4	02 Nov 2020	Wind Dir	SW
C4	02 Nov 2020	Water Color	Greenish-Blue
C4	02 Nov 2020	Wave Ht Low (ft)	2
C4	02 Nov 2020	Wave Period (sec)	13
C4	02 Nov 2020	Sea State	Calm
C4	02 Nov 2020	High Tide (ft)	6.33
C4	02 Nov 2020	High Tide Time	2106
C4	02 Nov 2020	Low Tide (ft)	-0.71
C4	02 Nov 2020	Low Tide Time	405
C4	02 Nov 2020	Comments	none
C4	11 Nov 2020	Depth (m)	10
C4	11 Nov 2020	Arrive Time	950
C4	11 Nov 2020	Depart Time	953
C4	11 Nov 2020	Air Temp (C)	14
C4	11 Nov 2020	Weather	Haze

Station	Date	Parameter	Value
C4	11 Nov 2020	Visibility (mi)	13
C4	11 Nov 2020	Wind Speed (kts)	3
C4	11 Nov 2020	Wind Dir	SE
C4	11 Nov 2020	Water Color	Green
C4	11 Nov 2020	Wave Ht Low (ft)	2
C4	11 Nov 2020	Wave Period (sec)	13
C4	11 Nov 2020	Sea State	Calm
C4	11 Nov 2020	High Tide (ft)	6.33
C4	11 Nov 2020	High Tide Time	2106
C4	11 Nov 2020	Low Tide (ft)	-0.71
C4	11 Nov 2020	Low Tide Time	405
C4	11 Nov 2020	Comments	Kelp; Kelp debris
C4	17 Nov 2020	Depth (m)	10
C4	17 Nov 2020	Arrive Time	1023
C4	17 Nov 2020	Depart Time	1028
C4	17 Nov 2020	Air Temp (C)	17
C4	17 Nov 2020	Weather	Clear
C4	17 Nov 2020	Visibility (mi)	15
C4	17 Nov 2020	Wind Speed (kts)	8
C4	17 Nov 2020	Wind Dir	SE
C4	17 Nov 2020	Water Color	Greenish-Blue
C4	17 Nov 2020	Wave Ht Low (ft)	3
C4	17 Nov 2020	Wave Period (sec)	13
C4	17 Nov 2020	Sea State	Calm
C4	17 Nov 2020	High Tide (ft)	6.54
C4	17 Nov 2020	High Tide Time	936
C4	17 Nov 2020	Low Tide (ft)	1.85
C4	17 Nov 2020	Low Tide Time	325
C4	17 Nov 2020	Comments	Kelp debris
C4	23 Nov 2020	Depth (m)	9
C4	23 Nov 2020	Arrive Time	938
C4	23 Nov 2020	Depart Time	941
C4	23 Nov 2020	Air Temp (C)	15
C4	23 Nov 2020	Weather	Partly Cloudy
C4	23 Nov 2020	Visibility (mi)	5
C4	23 Nov 2020	Wind Speed (kts)	4
C4	23 Nov 2020	Wind Dir	E
C4	23 Nov 2020	Water Color	Green
C4	23 Nov 2020	Wave Ht Low (ft)	3
C4	23 Nov 2020	Wave Period (sec)	9
C4	23 Nov 2020	Sea State	Calm
C4	23 Nov 2020	High Tide (ft)	4.5
C4	23 Nov 2020	High Tide Time	512
C4	23 Nov 2020	Low Tide (ft)	2.12
C4	23 Nov 2020	Low Tide Time	1116
C4	23 Nov 2020	Comments	Lobster floats; Kelp debris
C5	02 Nov 2020	Depth (m)	11
C5	02 Nov 2020	Arrive Time	933
C5	02 Nov 2020	Depart Time	936
C5	02 Nov 2020	Air Temp (C)	16
C5	02 Nov 2020	Weather	Haze
C5	02 Nov 2020	Visibility (mi)	10
C5	02 Nov 2020	Wind Speed (kts)	7
C5	02 Nov 2020	Wind Dir	S
C5	02 Nov 2020	Water Color	Greenish-Blue
C5	02 Nov 2020	Wave Ht Low (ft)	2
C5	02 Nov 2020	Wave Period (sec)	13
C5	02 Nov 2020	Sea State	Calm

Station	Date	Parameter	Value
C5	02 Nov 2020	High Tide (ft)	6.33
C5	02 Nov 2020	High Tide Time	2106
C5	02 Nov 2020	Low Tide (ft)	-0.71
C5	02 Nov 2020	Low Tide Time	405
C5	02 Nov 2020	Comments	Kelp; Kelp debris
C5	11 Nov 2020	Depth (m)	11
C5	11 Nov 2020	Arrive Time	938
C5	11 Nov 2020	Depart Time	940
C5	11 Nov 2020	Air Temp (C)	14
C5	11 Nov 2020	Weather	Haze
C5	11 Nov 2020	Visibility (mi)	13
C5	11 Nov 2020	Wind Speed (kts)	4
C5	11 Nov 2020	Wind Dir	S
C5	11 Nov 2020	Water Color	Green
C5	11 Nov 2020	Wave Ht Low (ft)	2
C5	11 Nov 2020	Wave Period (sec)	13
C5	11 Nov 2020	Sea State	Calm
C5	11 Nov 2020	High Tide (ft)	6.33
C5	11 Nov 2020	High Tide Time	2106
C5	11 Nov 2020	Low Tide (ft)	-0.71
C5	11 Nov 2020	Low Tide Time	405
C5	11 Nov 2020	Comments	Kelp
C5	17 Nov 2020	Depth (m)	11
C5	17 Nov 2020	Arrive Time	1011
C5	17 Nov 2020	Depart Time	1016
C5	17 Nov 2020	Air Temp (C)	17
C5	17 Nov 2020	Weather	Clear
C5	17 Nov 2020	Visibility (mi)	15
C5	17 Nov 2020	Wind Speed (kts)	9
C5	17 Nov 2020	Wind Dir	SE
C5	17 Nov 2020	Water Color	Greenish-Blue
C5	17 Nov 2020	Wave Ht Low (ft)	3
C5	17 Nov 2020	Wave Period (sec)	13
C5	17 Nov 2020	Sea State	Calm
C5	17 Nov 2020	High Tide (ft)	6.54
C5	17 Nov 2020	High Tide Time	936
C5	17 Nov 2020	Low Tide (ft)	1.85
C5	17 Nov 2020	Low Tide Time	325
C5	17 Nov 2020	Comments	Kelp
C5	23 Nov 2020	Depth (m)	9
C5	23 Nov 2020	Arrive Time	929
C5	23 Nov 2020	Depart Time	933
C5	23 Nov 2020	Air Temp (C)	15
C5	23 Nov 2020	Weather	Partly Cloudy
C5	23 Nov 2020	Visibility (mi)	5
C5	23 Nov 2020	Wind Speed (kts)	5
C5	23 Nov 2020	Wind Dir	NE
C5	23 Nov 2020	Water Color	Green
C5	23 Nov 2020	Wave Ht Low (ft)	3
C5	23 Nov 2020	Wave Period (sec)	9
C5	23 Nov 2020	Sea State	Calm
C5	23 Nov 2020	High Tide (ft)	4.5
C5	23 Nov 2020	High Tide Time	512
C5	23 Nov 2020	Low Tide (ft)	2.12
C5	23 Nov 2020	Low Tide Time	1116
C5	23 Nov 2020	Comments	Lobster floats
C6	02 Nov 2020	Depth (m)	9

Station	Date	Parameter	Value
C6	02 Nov 2020	Arrive Time	919
C6	02 Nov 2020	Depart Time	921
C6	02 Nov 2020	Air Temp (C)	16
C6	02 Nov 2020	Weather	Haze
C6	02 Nov 2020	Visibility (mi)	10
C6	02 Nov 2020	Wind Speed (kts)	6
C6	02 Nov 2020	Wind Dir	S
C6	02 Nov 2020	Water Color	Greenish-Blue
C6	02 Nov 2020	Wave Ht Low (ft)	2
C6	02 Nov 2020	Wave Period (sec)	13
C6	02 Nov 2020	Sea State	Calm
C6	02 Nov 2020	High Tide (ft)	6.33
C6	02 Nov 2020	High Tide Time	2106
C6	02 Nov 2020	Low Tide (ft)	-0.71
C6	02 Nov 2020	Low Tide Time	405
C6	02 Nov 2020	Comments	Kelp
C6	11 Nov 2020	Depth (m)	10
C6	11 Nov 2020	Arrive Time	927
C6	11 Nov 2020	Depart Time	929
C6	11 Nov 2020	Air Temp (C)	15
C6	11 Nov 2020	Weather	Haze
C6	11 Nov 2020	Visibility (mi)	12
C6	11 Nov 2020	Wind Speed (kts)	2
C6	11 Nov 2020	Wind Dir	W
C6	11 Nov 2020	Water Color	Green
C6	11 Nov 2020	Wave Ht Low (ft)	2
C6	11 Nov 2020	Wave Period (sec)	13
C6	11 Nov 2020	Sea State	Calm
C6	11 Nov 2020	High Tide (ft)	6.33
C6	11 Nov 2020	High Tide Time	2106
C6	11 Nov 2020	Low Tide (ft)	-0.71
C6	11 Nov 2020	Low Tide Time	405
C6	11 Nov 2020	Comments	Kelp debris
C6	17 Nov 2020	Depth (m)	9
C6	17 Nov 2020	Arrive Time	1000
C6	17 Nov 2020	Depart Time	1004
C6	17 Nov 2020	Air Temp (C)	17
C6	17 Nov 2020	Weather	Clear
C6	17 Nov 2020	Visibility (mi)	15
C6	17 Nov 2020	Wind Speed (kts)	7
C6	17 Nov 2020	Wind Dir	SE
C6	17 Nov 2020	Water Color	Greenish-Blue
C6	17 Nov 2020	Wave Ht Low (ft)	3
C6	17 Nov 2020	Wave Period (sec)	13
C6	17 Nov 2020	Sea State	Calm
C6	17 Nov 2020	High Tide (ft)	6.54
C6	17 Nov 2020	High Tide Time	936
C6	17 Nov 2020	Low Tide (ft)	1.85
C6	17 Nov 2020	Low Tide Time	325
C6	17 Nov 2020	Comments	Kelp debris
C6	23 Nov 2020	Depth (m)	9
C6	23 Nov 2020	Arrive Time	920
C6	23 Nov 2020	Depart Time	923
C6	23 Nov 2020	Air Temp (C)	15
C6	23 Nov 2020	Weather	Partly Cloudy
C6	23 Nov 2020	Visibility (mi)	5
C6	23 Nov 2020	Wind Speed (kts)	6
C6	23 Nov 2020	Wind Dir	NE

Station	Date	Parameter	Value
C6	23 Nov 2020	Water Color	Green
C6	23 Nov 2020	Wave Ht Low (ft)	3
C6	23 Nov 2020	Wave Period (sec)	9
C6	23 Nov 2020	Sea State	Calm
C6	23 Nov 2020	High Tide (ft)	4.5
C6	23 Nov 2020	High Tide Time	512
C6	23 Nov 2020	Low Tide (ft)	2.12
C6	23 Nov 2020	Low Tide Time	1116
C6	23 Nov 2020	Comments	Lobster floats; Kelp
C7	02 Nov 2020	Depth (m)	20
C7	02 Nov 2020	Arrive Time	842
C7	02 Nov 2020	Depart Time	846
C7	02 Nov 2020	Air Temp (C)	18
C7	02 Nov 2020	Weather	Haze
C7	02 Nov 2020	Visibility (mi)	10
C7	02 Nov 2020	Wind Speed (kts)	1
C7	02 Nov 2020	Wind Dir	E
C7	02 Nov 2020	Water Color	Greenish-Blue
C7	02 Nov 2020	Wave Ht Low (ft)	2
C7	02 Nov 2020	Wave Period (sec)	13
C7	02 Nov 2020	Sea State	Calm
C7	02 Nov 2020	High Tide (ft)	6.33
C7	02 Nov 2020	High Tide Time	2106
C7	02 Nov 2020	Low Tide (ft)	-0.71
C7	02 Nov 2020	Low Tide Time	405
C7	02 Nov 2020	Comments	Kelp
C7	11 Nov 2020	Depth (m)	19
C7	11 Nov 2020	Arrive Time	855
C7	11 Nov 2020	Depart Time	858
C7	11 Nov 2020	Air Temp (C)	14
C7	11 Nov 2020	Weather	Haze
C7	11 Nov 2020	Visibility (mi)	11
C7	11 Nov 2020	Wind Speed (kts)	0
C7	11 Nov 2020	Wind Dir	
C7	11 Nov 2020	Water Color	Greenish-Blue
C7	11 Nov 2020	Wave Ht Low (ft)	2
C7	11 Nov 2020	Wave Period (sec)	13
C7	11 Nov 2020	Sea State	Light chop
C7	11 Nov 2020	High Tide (ft)	6.33
C7	11 Nov 2020	High Tide Time	2106
C7	11 Nov 2020	Low Tide (ft)	-0.71
C7	11 Nov 2020	Low Tide Time	405
C7	11 Nov 2020	Comments	none
C7	17 Nov 2020	Depth (m)	19
C7	17 Nov 2020	Arrive Time	920
C7	17 Nov 2020	Depart Time	932
C7	17 Nov 2020	Air Temp (C)	16
C7	17 Nov 2020	Weather	Clear
C7	17 Nov 2020	Visibility (mi)	15
C7	17 Nov 2020	Wind Speed (kts)	5
C7	17 Nov 2020	Wind Dir	NW
C7	17 Nov 2020	Water Color	Greenish-Blue
C7	17 Nov 2020	Wave Ht Low (ft)	3
C7	17 Nov 2020	Wave Period (sec)	13
C7	17 Nov 2020	Sea State	Calm
C7	17 Nov 2020	High Tide (ft)	6.54
C7	17 Nov 2020	High Tide Time	936
C7	17 Nov 2020	Low Tide (ft)	1.85

Station	Date	Parameter	Value
C7	17 Nov 2020	Low Tide Time	325
C7	17 Nov 2020	Comments	none
C7	23 Nov 2020	Depth (m)	14
C7	23 Nov 2020	Arrive Time	850
C7	23 Nov 2020	Depart Time	854
C7	23 Nov 2020	Air Temp (C)	15
C7	23 Nov 2020	Weather	Partly Cloudy
C7	23 Nov 2020	Visibility (mi)	5
C7	23 Nov 2020	Wind Speed (kts)	6
C7	23 Nov 2020	Wind Dir	E
C7	23 Nov 2020	Water Color	Green
C7	23 Nov 2020	Wave Ht Low (ft)	3
C7	23 Nov 2020	Wave Period (sec)	9
C7	23 Nov 2020	Sea State	Calm
C7	23 Nov 2020	High Tide (ft)	4.5
C7	23 Nov 2020	High Tide Time	512
C7	23 Nov 2020	Low Tide (ft)	2.12
C7	23 Nov 2020	Low Tide Time	1116
C7	23 Nov 2020	Comments	Lobster floats; Kelp
C8	02 Nov 2020	Depth (m)	20
C8	02 Nov 2020	Arrive Time	856
C8	02 Nov 2020	Depart Time	900
C8	02 Nov 2020	Air Temp (C)	18
C8	02 Nov 2020	Weather	Haze
C8	02 Nov 2020	Visibility (mi)	10
C8	02 Nov 2020	Wind Speed (kts)	2
C8	02 Nov 2020	Wind Dir	SE
C8	02 Nov 2020	Water Color	Greenish-Blue
C8	02 Nov 2020	Wave Ht Low (ft)	2
C8	02 Nov 2020	Wave Period (sec)	13
C8	02 Nov 2020	Sea State	Calm
C8	02 Nov 2020	High Tide (ft)	6.33
C8	02 Nov 2020	High Tide Time	2106
C8	02 Nov 2020	Low Tide (ft)	-0.71
C8	02 Nov 2020	Low Tide Time	405
C8	02 Nov 2020	Comments	Kelp; Kelp debris
C8	11 Nov 2020	Depth (m)	20
C8	11 Nov 2020	Arrive Time	907
C8	11 Nov 2020	Depart Time	909
C8	11 Nov 2020	Air Temp (C)	14
C8	11 Nov 2020	Weather	Haze
C8	11 Nov 2020	Visibility (mi)	12
C8	11 Nov 2020	Wind Speed (kts)	0
C8	11 Nov 2020	Wind Dir	
C8	11 Nov 2020	Water Color	Green
C8	11 Nov 2020	Wave Ht Low (ft)	2
C8	11 Nov 2020	Wave Period (sec)	13
C8	11 Nov 2020	Sea State	Calm
C8	11 Nov 2020	High Tide (ft)	6.33
C8	11 Nov 2020	High Tide Time	2106
C8	11 Nov 2020	Low Tide (ft)	-0.71
C8	11 Nov 2020	Low Tide Time	405
C8	11 Nov 2020	Comments	Kelp debris
C8	17 Nov 2020	Depth (m)	21
C8	17 Nov 2020	Arrive Time	939
C8	17 Nov 2020	Depart Time	947
C8	17 Nov 2020	Air Temp (C)	16

Station	Date	Parameter	Value
C8	17 Nov 2020	Weather	Clear
C8	17 Nov 2020	Visibility (mi)	15
C8	17 Nov 2020	Wind Speed (kts)	0
C8	17 Nov 2020	Wind Dir	
C8	17 Nov 2020	Water Color	Greenish-Blue
C8	17 Nov 2020	Wave Ht Low (ft)	3
C8	17 Nov 2020	Wave Period (sec)	13
C8	17 Nov 2020	Sea State	Calm
C8	17 Nov 2020	High Tide (ft)	6.54
C8	17 Nov 2020	High Tide Time	936
C8	17 Nov 2020	Low Tide (ft)	1.85
C8	17 Nov 2020	Low Tide Time	325
C8	17 Nov 2020	Comments	none
C8	23 Nov 2020	Depth (m)	19
C8	23 Nov 2020	Arrive Time	903
C8	23 Nov 2020	Depart Time	906
C8	23 Nov 2020	Air Temp (C)	15
C8	23 Nov 2020	Weather	Partly Cloudy
C8	23 Nov 2020	Visibility (mi)	5
C8	23 Nov 2020	Wind Speed (kts)	8
C8	23 Nov 2020	Wind Dir	E
C8	23 Nov 2020	Water Color	Green
C8	23 Nov 2020	Wave Ht Low (ft)	3
C8	23 Nov 2020	Wave Period (sec)	9
C8	23 Nov 2020	Sea State	Calm
C8	23 Nov 2020	High Tide (ft)	4.5
C8	23 Nov 2020	High Tide Time	512
C8	23 Nov 2020	Low Tide (ft)	2.12
C8	23 Nov 2020	Low Tide Time	1116
C8	23 Nov 2020	Comments	Lobster floats; Kelp

Table 3.10

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

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ($\sigma-t$)	Chlor ($\mu\text{g/L}$)
A1	02 Nov 2020	1	17.99	87.50	7.9	33.57	8.2	24.2	1.30
A1	02 Nov 2020	2	18.08	87.48	7.8	33.56	8.2	24.2	1.34
A1	02 Nov 2020	3	17.62	87.69	7.8	33.56	8.1	24.3	1.85
A1	02 Nov 2020	4	17.66	87.03	7.7	33.55	8.1	24.2	2.07
A1	02 Nov 2020	5	17.54	85.47	7.6	33.54	8.1	24.3	2.40
A1	02 Nov 2020	6	17.42	84.68	7.6	33.54	8.1	24.3	2.65
A1	02 Nov 2020	7	17.34	84.10	7.5	33.53	8.1	24.3	2.78
A1	02 Nov 2020	8	17.25	83.73	7.5	33.53	8.1	24.3	2.95
A1	02 Nov 2020	9	17.19	83.28	7.4	33.53	8.1	24.3	3.15
A1	02 Nov 2020	10	17.14	83.00	7.4	33.53	8.1	24.4	3.28
A1	02 Nov 2020	11	17.05	82.75	7.3	33.52	8.1	24.4	3.29
A1	02 Nov 2020	12	16.76	82.67	7.2	33.52	8.1	24.4	3.33
A1	02 Nov 2020	13	16.50	83.07	7.0	33.52	8.1	24.5	3.36
A1	02 Nov 2020	14	16.25	83.48	6.8	33.52	8.1	24.5	3.03
A1	02 Nov 2020	15	15.92	83.84	6.5	33.51	8.1	24.6	2.51
A1	02 Nov 2020	16	15.71	84.92	6.3	33.50	8.1	24.7	1.94
A1	02 Nov 2020	17	15.49	85.91	6.2	33.50	8.0	24.7	1.51
A1	02 Nov 2020	18	15.08	87.31	6.1	33.50	8.0	24.8	1.15
A1	02 Nov 2020	19	14.71	88.24	6.1	33.49	8.0	24.9	1.07
A1	02 Nov 2020	20	14.63	88.73	6.0	33.49	8.0	24.9	1.07
A1	11 Nov 2020	1	15.93	83.83	7.0	33.61	8.1	24.7	2.24
A1	11 Nov 2020	2	15.93	83.76	7.1	33.61	8.1	24.7	2.40
A1	11 Nov 2020	3	15.93	83.61	7.0	33.61	8.1	24.7	2.60
A1	11 Nov 2020	4	15.92	83.66	7.0	33.61	8.1	24.7	2.63
A1	11 Nov 2020	5	15.91	83.82	6.9	33.61	8.1	24.7	2.70
A1	11 Nov 2020	6	15.89	84.04	6.9	33.61	8.1	24.7	2.71
A1	11 Nov 2020	7	15.78	84.21	6.7	33.60	8.1	24.7	2.52
A1	11 Nov 2020	8	15.44	84.69	6.6	33.59	8.1	24.8	2.10
A1	11 Nov 2020	9	15.31	86.02	6.5	33.57	8.0	24.8	1.81
A1	11 Nov 2020	10	15.37	86.88	6.5	33.57	8.0	24.8	1.65
A1	11 Nov 2020	11	15.16	87.04	6.3	33.57	8.0	24.8	1.43
A1	11 Nov 2020	12	14.87	87.16	6.2	33.57	8.0	24.9	1.28
A1	11 Nov 2020	13	14.88	87.53	6.1	33.56	8.0	24.9	1.17
A1	11 Nov 2020	14	14.41	87.83	5.9	33.58	8.0	25.0	0.94
A1	11 Nov 2020	15	13.22	88.43	5.8	33.57	8.0	25.2	0.70
A1	11 Nov 2020	16	13.36	89.46	5.6	33.54	7.9	25.2	0.59
A1	11 Nov 2020	17	12.71	90.31	5.6	33.57	7.9	25.3	0.50
A1	11 Nov 2020	18	12.55	89.96	5.6	33.57	7.9	25.4	0.42
A1	17 Nov 2020	1	15.32	81.92	7.6	33.56	8.0	24.8	2.38
A1	17 Nov 2020	2	15.22	81.67	7.5	33.57	8.0	24.8	2.85
A1	17 Nov 2020	3	15.16	81.40	7.4	33.56	8.0	24.8	3.40
A1	17 Nov 2020	4	15.13	81.34	7.4	33.56	8.0	24.8	3.84
A1	17 Nov 2020	5	15.09	81.39	7.3	33.56	8.0	24.8	4.04
A1	17 Nov 2020	6	15.05	81.84	7.3	33.56	8.0	24.9	4.07
A1	17 Nov 2020	7	14.98	82.27	7.2	33.56	8.0	24.9	3.90
A1	17 Nov 2020	8	14.91	82.65	7.1	33.56	8.0	24.9	3.59
A1	17 Nov 2020	9	14.78	82.86	7.0	33.56	8.0	24.9	3.23
A1	17 Nov 2020	10	14.30	83.56	6.7	33.57	7.9	25.0	2.49
A1	17 Nov 2020	11	13.81	85.65	6.3	33.57	7.9	25.1	1.60
A1	17 Nov 2020	12	13.51	87.21	6.0	33.56	7.9	25.2	1.11
A1	17 Nov 2020	13	13.35	88.15	5.8	33.56	7.9	25.2	0.92
A1	17 Nov 2020	14	13.35	88.79	5.8	33.55	7.9	25.2	0.83
A1	17 Nov 2020	15	13.31	89.10	5.7	33.56	7.9	25.2	0.77
A1	17 Nov 2020	16	13.28	89.17	5.6	33.56	7.8	25.2	0.75

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ($\sigma\text{-t}$)	Chlor ($\mu\text{g/L}$)
A1	17 Nov 2020	17	13.28	89.00	5.6	33.56	7.8	25.2	0.73
A1	17 Nov 2020	18	13.28	89.28	5.6	33.56	7.8	25.2	0.70
A1	17 Nov 2020	19	13.29	89.13	5.6	33.56	7.8	25.2	0.71
A1	23 Nov 2020	1	14.80	80.54	7.5	33.56	8.0	24.9	3.57
A1	23 Nov 2020	2	14.79	80.79	7.5	33.56	8.0	24.9	3.69
A1	23 Nov 2020	3	14.76	80.92	7.4	33.56	8.0	24.9	3.91
A1	23 Nov 2020	4	14.76	80.92	7.4	33.56	8.0	24.9	3.87
A1	23 Nov 2020	5	14.71	80.92	7.3	33.56	7.9	24.9	3.87
A1	23 Nov 2020	6	14.67	80.68	7.2	33.56	7.9	24.9	3.59
A1	23 Nov 2020	7	14.66	80.74	7.1	33.56	7.9	24.9	3.65
A1	23 Nov 2020	8	14.56	81.27	7.0	33.56	7.9	25.0	3.46
A1	23 Nov 2020	9	14.39	81.94	6.8	33.56	7.9	25.0	3.14
A1	23 Nov 2020	10	14.35	82.40	6.8	33.56	7.9	25.0	2.98
A1	23 Nov 2020	11	14.33	82.75	6.7	33.56	7.9	25.0	2.96
A1	23 Nov 2020	12	14.00	83.67	6.5	33.57	7.9	25.1	2.54
A1	23 Nov 2020	13	13.78	85.92	6.2	33.57	7.9	25.1	2.16
A1	23 Nov 2020	14	13.54	87.51	6.0	33.58	7.9	25.2	1.75
A1	23 Nov 2020	15	13.49	88.40	5.9	33.57	7.8	25.2	1.45
A1	23 Nov 2020	16	13.43	88.66	5.9	33.58	7.8	25.2	1.51
A1	23 Nov 2020	17	13.40	88.78	5.8	33.57	7.8	25.2	1.39
A1	23 Nov 2020	18	13.27	88.91	5.7	33.58	7.8	25.2	1.26
A1	23 Nov 2020	19	13.14	88.93	5.7	33.59	7.8	25.3	1.19
A6	02 Nov 2020	1	17.99	85.04	8.2	33.58	8.2	24.2	1.70
A6	02 Nov 2020	2	17.97	84.97	8.2	33.58	8.2	24.2	1.61
A6	02 Nov 2020	3	17.93	84.91	8.1	33.58	8.2	24.2	1.72
A6	02 Nov 2020	4	17.88	84.78	8.1	33.58	8.2	24.2	2.18
A6	02 Nov 2020	5	17.68	84.75	7.9	33.58	8.2	24.3	2.59
A6	02 Nov 2020	6	17.36	84.18	7.6	33.56	8.2	24.3	3.05
A6	02 Nov 2020	7	16.31	84.06	7.3	33.54	8.2	24.6	3.14
A6	02 Nov 2020	8	15.86	84.56	7.1	33.50	8.1	24.6	3.19
A6	02 Nov 2020	9	15.80	84.74	7.0	33.48	8.1	24.6	3.33
A6	02 Nov 2020	10	15.74	84.85	7.0	33.48	8.1	24.6	3.40
A6	02 Nov 2020	11	15.69	84.81	6.9	33.48	8.1	24.6	3.28
A6	02 Nov 2020	12	15.67	84.80	6.8	33.48	8.1	24.7	3.13
A6	02 Nov 2020	13	15.66	85.10	6.8	33.49	8.1	24.7	3.01
A6	02 Nov 2020	14	15.64	85.39	6.7	33.49	8.1	24.7	2.89
A6	02 Nov 2020	15	15.60	85.61	6.7	33.49	8.1	24.7	2.82
A6	02 Nov 2020	16	15.53	85.79	6.7	33.49	8.1	24.7	2.62
A6	02 Nov 2020	17	15.38	86.10	6.5	33.49	8.1	24.7	2.30
A6	02 Nov 2020	18	15.25	86.43	6.4	33.49	8.1	24.8	2.03
A6	11 Nov 2020	1	16.28	83.32	7.1	33.62	8.1	24.6	1.91
A6	11 Nov 2020	2	16.28	83.21	7.1	33.62	8.1	24.6	1.94
A6	11 Nov 2020	3	16.27	83.02	7.1	33.62	8.1	24.6	2.25
A6	11 Nov 2020	4	16.25	83.01	7.1	33.62	8.1	24.6	2.63
A6	11 Nov 2020	5	16.23	83.00	6.9	33.62	8.1	24.6	2.75
A6	11 Nov 2020	6	15.90	83.10	6.6	33.61	8.1	24.7	2.35
A6	11 Nov 2020	7	15.01	83.99	6.4	33.57	8.0	24.9	1.58
A6	11 Nov 2020	8	14.77	85.58	6.2	33.55	8.0	24.9	1.21
A6	11 Nov 2020	9	14.12	86.95	6.2	33.52	8.0	25.0	1.11
A6	11 Nov 2020	10	13.89	89.04	6.2	33.51	8.0	25.1	1.03
A6	11 Nov 2020	11	13.75	89.96	6.2	33.50	8.0	25.1	1.08
A6	11 Nov 2020	12	13.64	90.28	6.1	33.50	8.0	25.1	1.05
A6	11 Nov 2020	13	13.63	90.67	6.1	33.50	8.0	25.1	1.01
A6	11 Nov 2020	14	13.58	90.81	6.1	33.50	8.0	25.1	0.93
A6	11 Nov 2020	15	13.51	90.90	6.0	33.51	8.0	25.1	0.85
A6	11 Nov 2020	16	13.40	90.82	5.8	33.52	8.0	25.2	0.75
A6	11 Nov 2020	17	13.09	90.60	5.6	33.55	7.9	25.2	0.63
A6	11 Nov 2020	18	12.93	90.45	5.5	33.56	7.9	25.3	0.52

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ($\sigma\text{-t}$)	Chlor ($\mu\text{g/L}$)
A6	11 Nov 2020	19	12.67	90.48	5.4	33.57	7.9	25.4	0.41
A6	11 Nov 2020	20	12.65	90.39	5.3	33.57	7.9	25.4	0.38
A6	17 Nov 2020	1	15.52	82.44	7.8	33.56	8.0	24.7	2.38
A6	17 Nov 2020	2	15.53	82.38	7.8	33.56	8.0	24.7	2.36
A6	17 Nov 2020	3	15.47	82.38	7.7	33.56	8.0	24.8	2.61
A6	17 Nov 2020	4	15.16	82.14	7.5	33.57	8.0	24.8	3.45
A6	17 Nov 2020	5	14.88	81.99	7.2	33.56	8.0	24.9	4.17
A6	17 Nov 2020	6	14.77	82.43	7.0	33.55	8.0	24.9	4.36
A6	17 Nov 2020	7	14.50	83.12	6.9	33.56	8.0	25.0	3.92
A6	17 Nov 2020	8	14.40	83.76	6.7	33.55	8.0	25.0	3.49
A6	17 Nov 2020	9	14.10	85.19	6.5	33.56	7.9	25.1	2.94
A6	17 Nov 2020	10	13.95	87.02	6.3	33.55	7.9	25.1	2.49
A6	17 Nov 2020	11	13.85	87.76	6.2	33.55	7.9	25.1	2.09
A6	17 Nov 2020	12	13.77	88.38	6.2	33.55	7.9	25.1	1.91
A6	17 Nov 2020	13	13.75	88.71	6.1	33.55	7.9	25.1	1.87
A6	17 Nov 2020	14	13.65	89.03	6.1	33.55	7.9	25.1	1.79
A6	17 Nov 2020	15	13.48	89.32	6.0	33.56	7.9	25.2	1.62
A6	17 Nov 2020	16	13.35	89.76	5.9	33.56	7.9	25.2	1.37
A6	17 Nov 2020	17	13.24	89.99	5.8	33.56	7.9	25.2	1.22
A6	17 Nov 2020	18	13.20	90.29	5.8	33.56	7.9	25.2	1.12
A6	17 Nov 2020	19	13.16	90.38	5.7	33.57	7.9	25.2	1.05
A6	17 Nov 2020	20	13.16	90.49	5.7	33.56	7.9	25.2	1.05
A6	17 Nov 2020	21	13.15	90.51	5.7	33.57	7.9	25.3	0.98
A6	23 Nov 2020	1	14.93	82.77	7.5	33.56	8.0	24.9	2.90
A6	23 Nov 2020	2	14.93	84.12	7.5	33.56	8.0	24.9	3.19
A6	23 Nov 2020	3	14.88	83.92	7.5	33.56	8.0	24.9	3.36
A6	23 Nov 2020	4	14.86	83.47	7.4	33.56	8.0	24.9	3.31
A6	23 Nov 2020	5	14.84	83.48	7.4	33.56	8.0	24.9	3.35
A6	23 Nov 2020	6	14.80	83.72	7.3	33.56	8.0	24.9	3.16
A6	23 Nov 2020	7	14.70	83.72	7.2	33.56	8.0	24.9	3.06
A6	23 Nov 2020	8	14.57	84.19	7.1	33.56	7.9	25.0	2.95
A6	23 Nov 2020	9	14.44	84.77	6.9	33.57	7.9	25.0	2.48
A6	23 Nov 2020	10	14.23	85.97	6.6	33.57	7.9	25.0	2.25
A6	23 Nov 2020	11	14.20	86.76	6.6	33.56	7.9	25.0	2.30
A6	23 Nov 2020	12	14.15	86.74	6.5	33.56	7.9	25.0	2.16
A6	23 Nov 2020	13	14.11	86.80	6.5	33.56	7.9	25.1	2.17
A6	23 Nov 2020	14	14.11	87.00	6.4	33.56	7.9	25.1	2.09
A6	23 Nov 2020	15	14.05	87.43	6.4	33.57	7.9	25.1	2.08
A6	23 Nov 2020	16	14.00	87.63	6.2	33.57	7.9	25.1	1.74
A6	23 Nov 2020	17	13.93	88.02	6.1	33.57	7.9	25.1	1.42
A6	23 Nov 2020	18	13.88	88.66	6.0	33.57	7.9	25.1	1.26
A6	23 Nov 2020	19	13.85	89.46	5.9	33.57	7.9	25.1	1.18
A6	23 Nov 2020	20	13.81	89.65	5.9	33.57	7.8	25.1	1.04
A7	02 Nov 2020	1	17.98	83.82	8.4	33.58	8.2	24.2	1.57
A7	02 Nov 2020	2	17.97	83.77	8.3	33.58	8.2	24.2	1.67
A7	02 Nov 2020	3	17.80	83.85	8.1	33.58	8.2	24.2	1.98
A7	02 Nov 2020	4	17.53	83.95	8.0	33.57	8.2	24.3	2.35
A7	02 Nov 2020	5	17.43	83.93	7.8	33.56	8.2	24.3	2.57
A7	02 Nov 2020	6	17.17	84.18	7.7	33.55	8.2	24.4	2.66
A7	02 Nov 2020	7	16.89	84.73	7.5	33.53	8.2	24.4	2.84
A7	02 Nov 2020	8	16.72	84.89	7.4	33.52	8.1	24.4	2.94
A7	02 Nov 2020	9	16.49	85.14	7.2	33.52	8.1	24.5	2.93
A7	02 Nov 2020	10	16.23	85.48	7.1	33.51	8.1	24.5	2.93
A7	02 Nov 2020	11	15.94	85.23	6.9	33.49	8.1	24.6	3.31
A7	02 Nov 2020	12	15.88	84.60	6.8	33.49	8.1	24.6	3.48
A7	02 Nov 2020	13	15.80	84.35	6.7	33.49	8.1	24.6	3.46
A7	02 Nov 2020	14	15.71	84.06	6.6	33.49	8.1	24.6	3.39
A7	02 Nov 2020	15	15.70	84.08	6.6	33.49	8.1	24.7	3.28

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
A7	02 Nov 2020	16	15.69	84.55	6.6	33.49	8.1	24.7	3.19
A7	02 Nov 2020	17	15.66	84.69	6.6	33.49	8.1	24.7	3.05
A7	02 Nov 2020	18	15.41	84.86	6.4	33.49	8.1	24.7	2.60
A7	02 Nov 2020	19	15.11	85.31	6.3	33.50	8.0	24.8	2.04
A7	11 Nov 2020	1	16.44	83.60	7.5	33.63	8.1	24.6	1.64
A7	11 Nov 2020	2	16.44	83.49	7.5	33.63	8.1	24.6	1.67
A7	11 Nov 2020	3	16.43	83.50	7.5	33.63	8.1	24.6	1.86
A7	11 Nov 2020	4	16.30	83.71	7.3	33.62	8.1	24.6	1.97
A7	11 Nov 2020	5	15.70	84.38	6.8	33.60	8.1	24.7	1.49
A7	11 Nov 2020	6	15.06	85.55	6.4	33.57	8.0	24.9	1.15
A7	11 Nov 2020	7	14.67	87.13	6.1	33.55	8.0	24.9	1.01
A7	11 Nov 2020	8	14.43	88.12	6.1	33.53	8.0	25.0	0.96
A7	11 Nov 2020	9	14.23	88.52	6.1	33.52	8.0	25.0	0.94
A7	11 Nov 2020	10	14.12	88.83	6.0	33.52	8.0	25.0	0.93
A7	11 Nov 2020	11	14.09	88.97	6.0	33.52	8.0	25.0	0.96
A7	11 Nov 2020	12	14.03	89.11	6.0	33.52	8.0	25.0	0.90
A7	11 Nov 2020	13	13.96	89.26	5.9	33.53	8.0	25.1	0.84
A7	11 Nov 2020	14	13.89	89.24	5.8	33.53	8.0	25.1	0.79
A7	11 Nov 2020	15	13.84	89.28	5.7	33.53	8.0	25.1	0.73
A7	11 Nov 2020	16	13.82	89.35	5.7	33.53	8.0	25.1	0.70
A7	11 Nov 2020	17	13.80	89.39	5.7	33.54	8.0	25.1	0.69
A7	11 Nov 2020	18	13.64	89.48	5.6	33.54	8.0	25.1	0.65
A7	11 Nov 2020	19	13.15	89.56	5.5	33.56	7.9	25.2	0.56
A7	11 Nov 2020	20	13.02	89.71	5.4	33.55	7.9	25.3	0.50
A7	17 Nov 2020	1	15.28	83.46	7.6	33.56	8.0	24.8	2.12
A7	17 Nov 2020	2	15.18	82.56	7.5	33.56	8.0	24.8	2.39
A7	17 Nov 2020	3	14.96	82.24	7.4	33.56	8.0	24.9	2.88
A7	17 Nov 2020	4	14.72	82.78	7.1	33.56	8.0	24.9	3.07
A7	17 Nov 2020	5	14.50	84.64	6.9	33.56	8.0	25.0	2.99
A7	17 Nov 2020	6	14.37	85.69	6.7	33.55	7.9	25.0	2.74
A7	17 Nov 2020	7	14.36	86.17	6.7	33.54	7.9	25.0	2.79
A7	17 Nov 2020	8	14.32	86.14	6.6	33.55	7.9	25.0	3.02
A7	17 Nov 2020	9	14.27	86.16	6.6	33.54	7.9	25.0	3.10
A7	17 Nov 2020	10	14.20	86.26	6.5	33.55	7.9	25.0	3.08
A7	17 Nov 2020	11	14.13	86.49	6.5	33.55	7.9	25.0	3.00
A7	17 Nov 2020	12	14.10	86.68	6.5	33.55	7.9	25.0	2.84
A7	17 Nov 2020	13	14.07	86.88	6.5	33.55	7.9	25.1	2.70
A7	17 Nov 2020	14	14.03	87.12	6.4	33.55	7.9	25.1	2.49
A7	17 Nov 2020	15	13.94	87.32	6.4	33.56	7.9	25.1	2.36
A7	17 Nov 2020	16	13.89	87.77	6.3	33.56	7.9	25.1	2.15
A7	17 Nov 2020	17	13.79	87.83	6.2	33.56	7.9	25.1	1.93
A7	17 Nov 2020	18	13.75	88.08	6.1	33.56	7.9	25.1	1.85
A7	17 Nov 2020	19	13.69	88.34	6.1	33.56	7.9	25.1	1.68
A7	23 Nov 2020	1	14.89	82.99	7.5	33.56	8.0	24.9	3.28
A7	23 Nov 2020	2	14.89	82.99	7.5	33.56	8.0	24.9	3.49
A7	23 Nov 2020	3	14.86	82.87	7.5	33.57	8.0	24.9	3.78
A7	23 Nov 2020	4	14.85	82.69	7.5	33.57	8.0	24.9	3.68
A7	23 Nov 2020	5	14.81	82.26	7.4	33.57	8.0	24.9	3.71
A7	23 Nov 2020	6	14.65	82.41	7.2	33.57	7.9	24.9	3.41
A7	23 Nov 2020	7	14.64	83.01	7.1	33.56	7.9	24.9	3.17
A7	23 Nov 2020	8	14.59	83.26	7.1	33.57	7.9	25.0	2.99
A7	23 Nov 2020	9	14.42	83.46	6.9	33.57	7.9	25.0	2.58
A7	23 Nov 2020	10	14.19	85.01	6.5	33.58	7.9	25.0	2.03
A7	23 Nov 2020	11	14.07	87.76	6.3	33.57	7.9	25.1	1.77
A7	23 Nov 2020	12	14.06	88.27	6.3	33.57	7.9	25.1	1.72
A7	23 Nov 2020	13	13.99	88.21	6.2	33.57	7.9	25.1	1.71
A7	23 Nov 2020	14	13.90	88.39	6.2	33.57	7.9	25.1	1.56
A7	23 Nov 2020	15	13.82	88.42	6.1	33.58	7.9	25.1	1.43

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
A7	23 Nov 2020	16	13.73	88.72	6.0	33.58	7.9	25.1	1.36
A7	23 Nov 2020	17	13.74	88.95	6.0	33.57	7.9	25.1	1.49
A7	23 Nov 2020	18	13.62	88.95	5.9	33.58	7.8	25.2	1.37
A7	23 Nov 2020	19	13.57	89.17	5.8	33.58	7.8	25.2	1.28
C4	02 Nov 2020	1	17.67	79.56	7.2	33.56	8.1	24.3	2.29
C4	02 Nov 2020	2	17.67	79.69	7.2	33.56	8.1	24.3	2.31
C4	02 Nov 2020	3	17.63	79.67	7.2	33.56	8.1	24.3	2.61
C4	02 Nov 2020	4	17.60	79.66	7.2	33.56	8.1	24.3	2.79
C4	02 Nov 2020	5	17.58	79.80	7.2	33.56	8.1	24.3	2.87
C4	02 Nov 2020	6	17.57	80.01	7.1	33.56	8.1	24.3	2.88
C4	02 Nov 2020	7	17.56	79.98	7.1	33.56	8.1	24.3	2.83
C4	02 Nov 2020	8	17.45	80.03	6.9	33.56	8.1	24.3	2.64
C4	02 Nov 2020	9	17.21	80.24	6.3	33.56	8.1	24.4	2.13
C4	02 Nov 2020	10	16.78	80.81	5.5	33.55	8.1	24.5	1.24
C4	11 Nov 2020	1	16.08	81.44	6.8	33.60	8.0	24.7	1.30
C4	11 Nov 2020	2	16.14	81.66	6.8	33.61	8.0	24.6	1.21
C4	11 Nov 2020	3	16.12	81.86	6.8	33.61	8.1	24.6	1.26
C4	11 Nov 2020	4	16.12	82.08	6.8	33.61	8.0	24.6	1.39
C4	11 Nov 2020	5	16.00	81.98	6.7	33.61	8.0	24.7	1.65
C4	11 Nov 2020	6	15.80	81.28	6.6	33.60	8.0	24.7	1.82
C4	11 Nov 2020	7	15.70	79.97	6.4	33.59	8.0	24.7	1.58
C4	11 Nov 2020	8	15.28	80.06	5.7	33.59	8.0	24.8	1.16
C4	11 Nov 2020	9	14.35	81.83	4.7	33.57	7.9	25.0	0.75
C4	11 Nov 2020	10	14.65	78.85	4.7	33.54	7.8	24.9	0.65
C4	17 Nov 2020	1	15.09	82.14	7.4	33.56	8.0	24.8	1.94
C4	17 Nov 2020	2	15.06	81.94	7.4	33.56	8.0	24.9	1.92
C4	17 Nov 2020	3	15.00	81.50	7.4	33.57	8.0	24.9	2.29
C4	17 Nov 2020	4	14.98	81.10	7.4	33.57	8.0	24.9	3.01
C4	17 Nov 2020	5	14.97	80.95	7.3	33.57	8.0	24.9	3.65
C4	17 Nov 2020	6	14.95	80.59	7.3	33.57	8.0	24.9	3.86
C4	17 Nov 2020	7	14.89	80.82	7.1	33.58	8.0	24.9	3.73
C4	17 Nov 2020	8	14.80	81.22	6.9	33.58	8.0	24.9	3.09
C4	17 Nov 2020	9	14.54	82.24	6.5	33.57	7.9	25.0	2.31
C4	17 Nov 2020	10	14.36	83.68	6.1	33.57	7.9	25.0	1.65
C4	17 Nov 2020	11	14.22	83.96	5.7	33.56	7.9	25.0	1.24
C4	17 Nov 2020	12	13.96	83.35	5.3	33.56	7.8	25.1	0.79
C4	17 Nov 2020	13	13.98	82.89	5.2	33.56	7.8	25.1	0.72
C4	23 Nov 2020	1	14.96	81.40	6.7	33.59	7.9	24.9	1.87
C4	23 Nov 2020	2	14.95	81.24	6.7	33.59	7.9	24.9	2.17
C4	23 Nov 2020	3	14.94	80.52	6.7	33.59	7.9	24.9	2.37
C4	23 Nov 2020	4	14.94	80.61	6.6	33.59	7.9	24.9	2.37
C4	23 Nov 2020	5	14.92	80.47	6.6	33.59	7.9	24.9	2.30
C4	23 Nov 2020	6	14.88	80.35	6.5	33.59	7.9	24.9	2.16
C4	23 Nov 2020	7	14.79	80.65	6.4	33.58	7.9	24.9	1.96
C4	23 Nov 2020	8	14.56	81.77	6.2	33.57	7.9	25.0	1.69
C4	23 Nov 2020	9	14.37	84.41	5.6	33.57	7.9	25.0	1.28
C4	23 Nov 2020	10	14.16	85.57	5.1	33.58	7.8	25.1	1.02
C5	02 Nov 2020	1	17.98	83.63	7.4	33.58	8.2	24.2	0.87
C5	02 Nov 2020	2	17.96	83.53	7.3	33.58	8.2	24.2	0.98
C5	02 Nov 2020	3	17.95	83.45	7.3	33.58	8.2	24.2	1.10
C5	02 Nov 2020	4	17.94	83.57	7.3	33.58	8.2	24.2	1.27
C5	02 Nov 2020	5	17.93	83.62	7.3	33.58	8.2	24.2	1.40
C5	02 Nov 2020	6	17.92	83.57	7.3	33.58	8.2	24.2	1.48
C5	02 Nov 2020	7	17.91	83.62	7.3	33.58	8.2	24.2	1.57
C5	02 Nov 2020	8	17.90	83.46	7.3	33.58	8.2	24.2	1.53
C5	02 Nov 2020	9	17.65	83.54	7.0	33.58	8.2	24.3	1.34

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C5	02 Nov 2020	10	16.48	84.23	6.4	33.56	8.1	24.5	0.92
C5	02 Nov 2020	11	16.51	84.37	6.4	33.52	8.1	24.5	0.81
C5	11 Nov 2020	1	16.41	82.78	7.2	33.62	8.1	24.6	1.04
C5	11 Nov 2020	2	16.38	82.63	7.2	33.62	8.1	24.6	1.20
C5	11 Nov 2020	3	16.28	81.93	7.1	33.61	8.1	24.6	1.62
C5	11 Nov 2020	4	16.27	81.42	7.0	33.61	8.1	24.6	1.89
C5	11 Nov 2020	5	16.23	81.54	6.8	33.61	8.1	24.6	1.64
C5	11 Nov 2020	6	15.90	81.82	6.3	33.60	8.0	24.7	1.20
C5	11 Nov 2020	7	15.06	82.79	5.7	33.58	8.0	24.9	0.84
C5	11 Nov 2020	8	14.67	83.87	5.4	33.56	8.0	24.9	0.69
C5	11 Nov 2020	9	14.37	86.63	5.2	33.55	7.9	25.0	0.58
C5	11 Nov 2020	10	13.98	87.11	5.2	33.55	7.9	25.1	0.55
C5	11 Nov 2020	11	13.75	84.51	5.4	33.54	7.9	25.1	0.51
C5	17 Nov 2020	1	15.56	80.46	8.0	33.58	8.1	24.8	2.16
C5	17 Nov 2020	2	15.50	80.26	8.0	33.58	8.1	24.8	2.22
C5	17 Nov 2020	3	15.40	80.12	7.9	33.58	8.1	24.8	2.55
C5	17 Nov 2020	4	15.39	80.08	7.8	33.58	8.1	24.8	2.99
C5	17 Nov 2020	5	15.38	80.42	7.7	33.58	8.0	24.8	3.40
C5	17 Nov 2020	6	15.36	80.63	7.6	33.58	8.0	24.8	3.40
C5	17 Nov 2020	7	15.17	81.71	7.0	33.58	8.0	24.8	2.44
C5	17 Nov 2020	8	15.00	83.19	6.5	33.58	8.0	24.9	1.65
C5	17 Nov 2020	9	14.82	85.33	6.4	33.57	7.9	24.9	1.38
C5	17 Nov 2020	10	14.65	86.76	6.1	33.57	7.9	24.9	1.12
C5	17 Nov 2020	11	14.44	87.37	5.8	33.57	7.9	25.0	0.90
C5	23 Nov 2020	1	15.13	79.28	6.6	33.57	7.8	24.8	1.37
C5	23 Nov 2020	2	15.13	80.00	6.6	33.57	7.8	24.8	1.45
C5	23 Nov 2020	3	15.13	80.55	6.6	33.57	7.8	24.8	1.47
C5	23 Nov 2020	4	15.06	80.87	6.6	33.57	7.8	24.9	1.81
C5	23 Nov 2020	5	14.87	81.36	6.7	33.57	7.9	24.9	2.03
C5	23 Nov 2020	6	14.64	82.41	6.6	33.57	7.9	24.9	2.09
C5	23 Nov 2020	7	14.44	84.29	6.4	33.57	7.9	25.0	1.84
C5	23 Nov 2020	8	14.26	86.22	6.3	33.57	7.9	25.0	1.75
C5	23 Nov 2020	9	14.15	87.08	6.0	33.57	7.9	25.1	1.32
C5	23 Nov 2020	10	14.12	87.35	5.9	33.57	7.9	25.1	1.08
C6	02 Nov 2020	1	18.28	83.81	8.0	33.58	8.2	24.1	1.02
C6	02 Nov 2020	2	18.25	83.59	8.0	33.58	8.2	24.1	1.12
C6	02 Nov 2020	3	18.18	83.72	7.9	33.59	8.2	24.1	1.30
C6	02 Nov 2020	4	18.10	83.47	7.7	33.58	8.2	24.2	1.56
C6	02 Nov 2020	5	17.80	83.71	7.3	33.59	8.2	24.2	1.55
C6	02 Nov 2020	6	17.30	85.22	6.9	33.58	8.2	24.4	1.62
C6	02 Nov 2020	7	16.94	84.65	6.7	33.55	8.1	24.4	2.51
C6	02 Nov 2020	8	16.67	83.27	6.3	33.54	8.1	24.5	2.42
C6	02 Nov 2020	9	16.60	85.58	6.0	33.53	8.1	24.5	1.48
C6	11 Nov 2020	1	16.54	81.46	7.1	33.62	8.1	24.6	1.18
C6	11 Nov 2020	2	16.52	79.29	7.2	33.62	8.1	24.6	1.25
C6	11 Nov 2020	3	16.50	81.49	7.1	33.62	8.1	24.6	1.38
C6	11 Nov 2020	4	16.47	82.38	7.1	33.62	8.1	24.6	1.61
C6	11 Nov 2020	5	16.37	82.18	6.9	33.62	8.1	24.6	1.43
C6	11 Nov 2020	6	16.09	81.99	6.3	33.61	8.1	24.7	1.17
C6	11 Nov 2020	7	15.41	82.08	5.4	33.59	8.0	24.8	0.93
C6	11 Nov 2020	8	14.98	84.72	4.8	33.58	7.9	24.9	0.68
C6	11 Nov 2020	9	14.21	85.00	5.0	33.55	7.9	25.0	0.56
C6	17 Nov 2020	1	15.91	81.92	7.2	33.59	8.0	24.7	1.58
C6	17 Nov 2020	2	15.85	81.53	7.2	33.60	8.0	24.7	1.67
C6	17 Nov 2020	3	15.73	80.51	7.3	33.59	8.0	24.7	2.49

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C6	17 Nov 2020	4	15.66	78.78	7.5	33.59	8.0	24.7	4.24
C6	17 Nov 2020	5	15.47	78.15	7.5	33.59	8.0	24.8	4.99
C6	17 Nov 2020	6	15.25	79.38	7.2	33.58	8.0	24.8	5.05
C6	17 Nov 2020	7	15.03	80.33	6.9	33.58	8.0	24.9	4.25
C6	17 Nov 2020	8	14.70	83.16	6.4	33.58	8.0	24.9	2.54
C6	17 Nov 2020	9	14.45	85.84	5.9	33.58	7.9	25.0	1.50
C6	17 Nov 2020	10	14.25	87.19	5.6	33.57	7.9	25.0	1.00
C6	17 Nov 2020	11	14.24	86.61	5.5	33.56	7.9	25.0	0.75
C6	23 Nov 2020	1	15.07	81.10	6.7	33.56	7.8	24.8	1.04
C6	23 Nov 2020	2	15.06	81.09	6.7	33.56	7.8	24.9	1.08
C6	23 Nov 2020	3	15.05	81.09	6.7	33.56	7.9	24.9	1.22
C6	23 Nov 2020	4	15.04	80.83	6.7	33.56	7.9	24.9	1.29
C6	23 Nov 2020	5	15.04	81.47	6.8	33.56	7.9	24.9	1.39
C6	23 Nov 2020	6	14.89	81.81	7.0	33.56	7.9	24.9	1.61
C6	23 Nov 2020	7	14.68	83.62	7.0	33.56	7.9	24.9	1.81
C6	23 Nov 2020	8	14.49	85.50	6.4	33.56	7.9	25.0	1.47
C6	23 Nov 2020	9	14.19	86.87	5.4	33.57	7.8	25.0	0.88
C7	02 Nov 2020	1	18.00	83.48	8.7	33.57	8.2	24.2	1.87
C7	02 Nov 2020	2	17.99	83.29	8.7	33.57	8.2	24.2	1.91
C7	02 Nov 2020	3	17.96	82.68	8.7	33.57	8.2	24.2	2.31
C7	02 Nov 2020	4	17.95	82.81	8.6	33.57	8.2	24.2	2.60
C7	02 Nov 2020	5	17.92	83.13	8.6	33.57	8.2	24.2	2.77
C7	02 Nov 2020	6	17.88	83.42	8.5	33.57	8.2	24.2	2.86
C7	02 Nov 2020	7	17.69	83.42	8.3	33.56	8.2	24.2	2.94
C7	02 Nov 2020	8	17.44	83.56	8.1	33.56	8.2	24.3	3.17
C7	02 Nov 2020	9	17.19	83.27	7.7	33.55	8.2	24.4	3.63
C7	02 Nov 2020	10	16.76	82.81	7.1	33.54	8.2	24.5	4.20
C7	02 Nov 2020	11	16.26	82.33	6.7	33.53	8.1	24.6	4.12
C7	02 Nov 2020	12	15.75	82.41	6.6	33.51	8.1	24.7	3.43
C7	02 Nov 2020	13	15.53	83.67	6.6	33.49	8.1	24.7	2.79
C7	02 Nov 2020	14	15.36	85.87	6.6	33.48	8.1	24.7	2.57
C7	02 Nov 2020	15	15.30	86.79	6.6	33.48	8.1	24.7	2.63
C7	02 Nov 2020	16	15.23	86.72	6.5	33.48	8.1	24.7	2.45
C7	02 Nov 2020	17	15.13	86.94	6.1	33.49	8.1	24.8	1.67
C7	02 Nov 2020	18	15.05	88.25	5.8	33.49	8.0	24.8	1.15
C7	02 Nov 2020	19	14.81	88.96	5.7	33.50	8.0	24.9	0.90
C7	11 Nov 2020	1	16.46	82.64	7.3	33.62	8.1	24.6	2.52
C7	11 Nov 2020	2	16.46	82.52	7.3	33.62	8.1	24.6	2.68
C7	11 Nov 2020	3	16.45	82.46	7.3	33.62	8.1	24.6	2.91
C7	11 Nov 2020	4	16.45	82.50	7.3	33.62	8.1	24.6	3.10
C7	11 Nov 2020	5	16.31	82.61	7.2	33.62	8.1	24.6	3.07
C7	11 Nov 2020	6	16.11	83.02	7.0	33.60	8.1	24.6	2.65
C7	11 Nov 2020	7	15.81	84.00	6.7	33.60	8.1	24.7	2.21
C7	11 Nov 2020	8	15.05	85.71	6.5	33.56	8.1	24.9	1.75
C7	11 Nov 2020	9	14.88	87.19	6.3	33.55	8.0	24.9	1.43
C7	11 Nov 2020	10	14.46	87.87	6.2	33.54	8.0	25.0	1.21
C7	11 Nov 2020	11	14.28	88.74	6.1	33.53	8.0	25.0	1.12
C7	11 Nov 2020	12	14.19	89.26	6.0	33.53	8.0	25.0	1.00
C7	11 Nov 2020	13	13.94	89.49	6.0	33.52	8.0	25.1	0.95
C7	11 Nov 2020	14	13.74	89.82	5.9	33.52	8.0	25.1	0.91
C7	11 Nov 2020	15	13.41	90.43	5.8	33.53	8.0	25.2	0.78
C7	11 Nov 2020	16	13.15	90.84	5.8	33.53	8.0	25.2	0.71
C7	11 Nov 2020	17	12.91	91.11	5.7	33.55	7.9	25.3	0.59
C7	11 Nov 2020	18	13.00	90.31	5.6	33.53	7.9	25.3	0.52
C7	17 Nov 2020	1	15.48	80.71	7.9	33.56	8.1	24.8	2.78
C7	17 Nov 2020	2	15.11	80.66	7.5	33.57	8.0	24.8	2.74
C7	17 Nov 2020	3	14.60	81.16	7.0	33.56	8.0	25.0	2.60

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C7	17 Nov 2020	4	14.37	83.20	6.7	33.55	8.0	25.0	2.34
C7	17 Nov 2020	5	14.33	85.15	6.5	33.55	7.9	25.0	2.09
C7	17 Nov 2020	6	14.26	86.24	6.3	33.55	7.9	25.0	1.85
C7	17 Nov 2020	7	14.10	87.04	6.1	33.56	7.9	25.1	1.58
C7	17 Nov 2020	8	13.86	87.78	5.8	33.56	7.9	25.1	1.17
C7	17 Nov 2020	9	13.55	89.08	5.6	33.56	7.9	25.2	0.93
C7	17 Nov 2020	10	13.39	89.90	5.6	33.56	7.9	25.2	0.95
C7	17 Nov 2020	11	13.22	90.55	5.6	33.56	7.9	25.2	0.87
C7	17 Nov 2020	12	13.11	90.85	5.5	33.56	7.8	25.3	0.75
C7	17 Nov 2020	13	13.10	90.99	5.5	33.56	7.8	25.3	0.71
C7	17 Nov 2020	14	13.10	91.04	5.5	33.56	7.8	25.3	0.71
C7	17 Nov 2020	15	13.09	91.02	5.5	33.56	7.8	25.3	0.72
C7	17 Nov 2020	16	13.06	90.97	5.5	33.56	7.8	25.3	0.76
C7	17 Nov 2020	17	13.06	90.91	5.5	33.56	7.8	25.3	0.76
C7	17 Nov 2020	18	13.06	90.81	5.5	33.56	7.8	25.3	0.72
C7	17 Nov 2020	19	13.07	90.62	5.5	33.56	7.8	25.3	0.71
C7	23 Nov 2020	1	15.04	86.79	7.3	33.55	8.0	24.8	1.95
C7	23 Nov 2020	2	15.03	86.90	7.3	33.55	8.0	24.9	2.06
C7	23 Nov 2020	3	15.03	86.90	7.3	33.55	8.0	24.9	2.15
C7	23 Nov 2020	4	15.03	86.93	7.3	33.55	8.0	24.9	2.14
C7	23 Nov 2020	5	15.04	86.99	7.3	33.55	8.0	24.8	2.25
C7	23 Nov 2020	6	15.02	86.94	7.3	33.55	8.0	24.9	2.32
C7	23 Nov 2020	7	14.91	87.12	7.2	33.56	8.0	24.9	2.25
C7	23 Nov 2020	8	14.68	87.20	7.1	33.55	8.0	24.9	2.30
C7	23 Nov 2020	9	14.54	87.35	7.0	33.55	8.0	25.0	2.13
C7	23 Nov 2020	10	14.53	87.58	6.9	33.55	8.0	25.0	2.27
C7	23 Nov 2020	11	14.49	87.67	6.9	33.55	7.9	25.0	2.20
C7	23 Nov 2020	12	14.44	87.75	6.8	33.55	7.9	25.0	2.06
C7	23 Nov 2020	13	14.39	87.89	6.8	33.55	7.9	25.0	2.07
C7	23 Nov 2020	14	14.37	87.98	6.8	33.55	7.9	25.0	2.01
C7	23 Nov 2020	15	14.35	87.93	6.7	33.55	7.9	25.0	1.82
C7	23 Nov 2020	16	14.21	88.09	6.5	33.56	7.9	25.0	1.67
C7	23 Nov 2020	17	13.74	88.44	5.9	33.58	7.9	25.1	1.28
C7	23 Nov 2020	18	13.39	88.64	5.5	33.58	7.8	25.2	0.94
C8	02 Nov 2020	1	17.92	84.67	8.3	33.57	8.2	24.2	1.25
C8	02 Nov 2020	2	17.88	84.62	8.3	33.57	8.2	24.2	1.30
C8	02 Nov 2020	3	17.85	84.46	8.3	33.57	8.2	24.2	1.56
C8	02 Nov 2020	4	17.84	84.14	8.3	33.57	8.2	24.2	1.91
C8	02 Nov 2020	5	17.83	84.11	8.3	33.57	8.2	24.2	2.13
C8	02 Nov 2020	6	17.75	84.12	8.3	33.57	8.2	24.2	2.46
C8	02 Nov 2020	7	17.43	83.97	8.2	33.56	8.2	24.3	3.03
C8	02 Nov 2020	8	17.23	83.43	8.0	33.55	8.2	24.3	3.41
C8	02 Nov 2020	9	16.97	83.09	7.6	33.54	8.2	24.4	3.62
C8	02 Nov 2020	10	16.23	82.79	7.3	33.52	8.2	24.6	3.94
C8	02 Nov 2020	11	15.96	83.15	7.0	33.51	8.1	24.6	4.01
C8	02 Nov 2020	12	15.85	83.83	6.9	33.50	8.1	24.6	3.91
C8	02 Nov 2020	13	15.79	84.48	6.7	33.50	8.1	24.6	3.68
C8	02 Nov 2020	14	15.52	84.92	6.4	33.50	8.1	24.7	2.85
C8	02 Nov 2020	15	15.31	85.68	6.2	33.50	8.1	24.7	1.96
C8	02 Nov 2020	16	15.23	86.72	6.0	33.50	8.1	24.8	1.55
C8	02 Nov 2020	17	15.16	88.06	6.0	33.50	8.0	24.8	1.32
C8	02 Nov 2020	18	15.09	88.46	5.9	33.49	8.0	24.8	1.14
C8	02 Nov 2020	19	14.93	88.78	5.8	33.50	8.0	24.8	0.94
C8	02 Nov 2020	20	14.85	89.00	5.8	33.49	8.0	24.8	0.88
C8	11 Nov 2020	1	16.49	80.95	7.4	33.62	8.1	24.6	2.21
C8	11 Nov 2020	2	16.49	81.33	7.3	33.62	8.1	24.6	2.28
C8	11 Nov 2020	3	16.47	81.01	7.3	33.62	8.1	24.6	2.76
C8	11 Nov 2020	4	16.46	81.00	7.4	33.62	8.1	24.6	3.27

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C8	11 Nov 2020	5	16.46	80.82	7.3	33.62	8.1	24.6	3.51
C8	11 Nov 2020	6	16.40	80.88	7.2	33.62	8.1	24.6	3.10
C8	11 Nov 2020	7	15.85	81.66	6.8	33.59	8.1	24.7	2.26
C8	11 Nov 2020	8	15.12	82.87	6.5	33.55	8.1	24.8	1.61
C8	11 Nov 2020	9	14.68	84.78	6.3	33.53	8.0	24.9	1.32
C8	11 Nov 2020	10	14.35	86.67	6.1	33.52	8.0	25.0	1.13
C8	11 Nov 2020	11	13.90	87.86	6.0	33.52	8.0	25.1	0.99
C8	11 Nov 2020	12	13.63	89.32	5.9	33.51	8.0	25.1	0.85
C8	11 Nov 2020	13	13.40	89.50	5.8	33.52	8.0	25.2	0.71
C8	11 Nov 2020	14	13.24	89.63	5.7	33.52	8.0	25.2	0.64
C8	11 Nov 2020	15	13.34	89.47	5.7	33.52	8.0	25.2	0.66
C8	11 Nov 2020	16	12.94	89.82	5.7	33.54	7.9	25.3	0.58
C8	11 Nov 2020	17	12.99	90.19	5.6	33.53	7.9	25.3	0.57
C8	11 Nov 2020	18	12.90	89.99	5.6	33.55	7.9	25.3	0.57
C8	11 Nov 2020	19	12.87	90.30	5.6	33.55	7.9	25.3	0.53
C8	11 Nov 2020	20	12.97	90.10	5.6	33.54	7.9	25.3	0.53
C8	17 Nov 2020	1	15.64	82.97	7.8	33.56	8.0	24.7	1.49
C8	17 Nov 2020	2	15.52	82.27	7.8	33.56	8.0	24.7	1.91
C8	17 Nov 2020	3	15.45	80.85	7.8	33.56	8.0	24.8	2.78
C8	17 Nov 2020	4	15.25	79.48	7.7	33.57	8.0	24.8	4.46
C8	17 Nov 2020	5	14.99	78.02	7.4	33.56	8.0	24.9	5.75
C8	17 Nov 2020	6	14.86	78.55	7.2	33.56	8.0	24.9	5.51
C8	17 Nov 2020	7	14.51	79.89	6.9	33.56	8.0	25.0	4.71
C8	17 Nov 2020	8	14.22	82.82	6.6	33.56	8.0	25.0	3.63
C8	17 Nov 2020	9	14.06	85.43	6.4	33.55	7.9	25.1	2.77
C8	17 Nov 2020	10	14.00	86.68	6.3	33.55	7.9	25.1	2.39
C8	17 Nov 2020	11	13.74	87.66	6.1	33.56	7.9	25.1	1.99
C8	17 Nov 2020	12	13.30	88.40	5.9	33.57	7.9	25.2	1.54
C8	17 Nov 2020	13	13.09	89.40	5.8	33.56	7.9	25.3	1.24
C8	17 Nov 2020	14	13.09	90.42	5.7	33.56	7.9	25.3	1.07
C8	17 Nov 2020	15	13.09	90.51	5.7	33.56	7.9	25.3	1.00
C8	17 Nov 2020	16	13.09	90.35	5.7	33.56	7.9	25.3	0.99
C8	17 Nov 2020	17	13.09	90.33	5.7	33.56	7.9	25.3	0.92
C8	17 Nov 2020	18	13.09	90.06	5.7	33.56	7.9	25.3	0.94
C8	17 Nov 2020	19	13.08	90.08	5.6	33.56	7.9	25.3	0.89
C8	17 Nov 2020	20	13.08	90.16	5.6	33.56	7.9	25.3	0.93
C8	23 Nov 2020	1	15.14	86.05	7.4	33.55	8.0	24.8	2.01
C8	23 Nov 2020	2	15.12	86.03	7.4	33.55	8.0	24.8	2.23
C8	23 Nov 2020	3	14.99	86.28	7.3	33.56	8.0	24.9	2.22
C8	23 Nov 2020	4	14.77	86.17	7.2	33.56	8.0	24.9	2.26
C8	23 Nov 2020	5	14.65	86.18	7.1	33.55	8.0	24.9	2.33
C8	23 Nov 2020	6	14.60	86.34	7.1	33.55	8.0	24.9	2.42
C8	23 Nov 2020	7	14.49	86.56	7.0	33.55	8.0	25.0	2.23
C8	23 Nov 2020	8	14.34	87.31	6.9	33.55	7.9	25.0	2.23
C8	23 Nov 2020	9	14.23	87.42	6.8	33.55	7.9	25.0	2.17
C8	23 Nov 2020	10	14.22	87.52	6.7	33.55	7.9	25.0	2.18
C8	23 Nov 2020	11	14.21	87.75	6.7	33.55	7.9	25.0	2.21
C8	23 Nov 2020	12	14.20	87.82	6.7	33.55	7.9	25.0	2.12
C8	23 Nov 2020	13	14.17	87.69	6.6	33.55	7.9	25.0	2.08
C8	23 Nov 2020	14	14.08	87.74	6.5	33.55	7.9	25.1	1.92
C8	23 Nov 2020	15	13.97	87.78	6.4	33.56	7.9	25.1	1.81
C8	23 Nov 2020	16	13.85	88.17	6.2	33.56	7.9	25.1	1.51
C8	23 Nov 2020	17	13.55	88.73	5.9	33.58	7.9	25.2	1.22
C8	23 Nov 2020	18	13.19	88.94	5.7	33.58	7.8	25.3	1.04
C8	23 Nov 2020	19	13.10	89.33	5.6	33.58	7.8	25.3	0.98

NA = not available

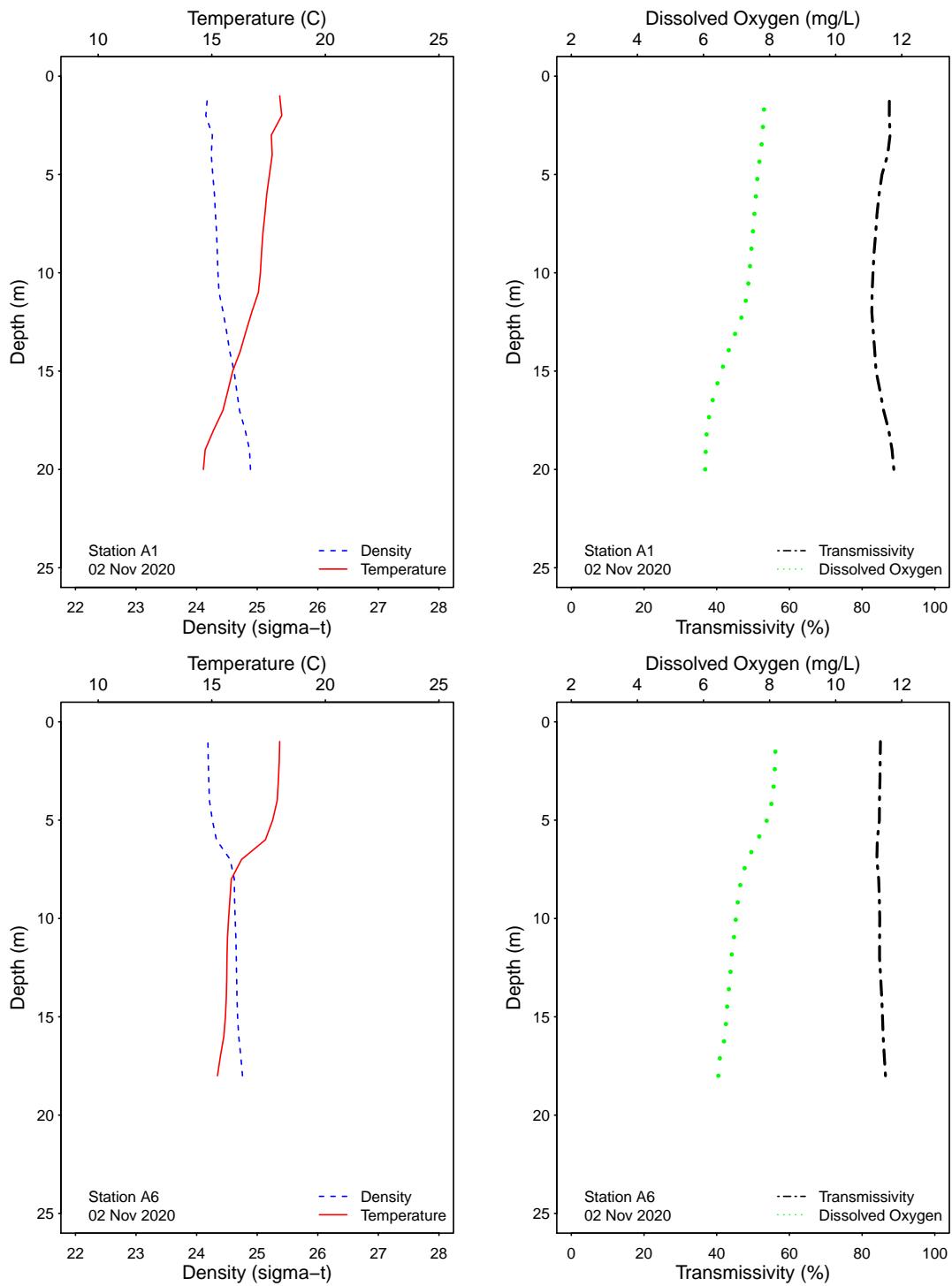


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

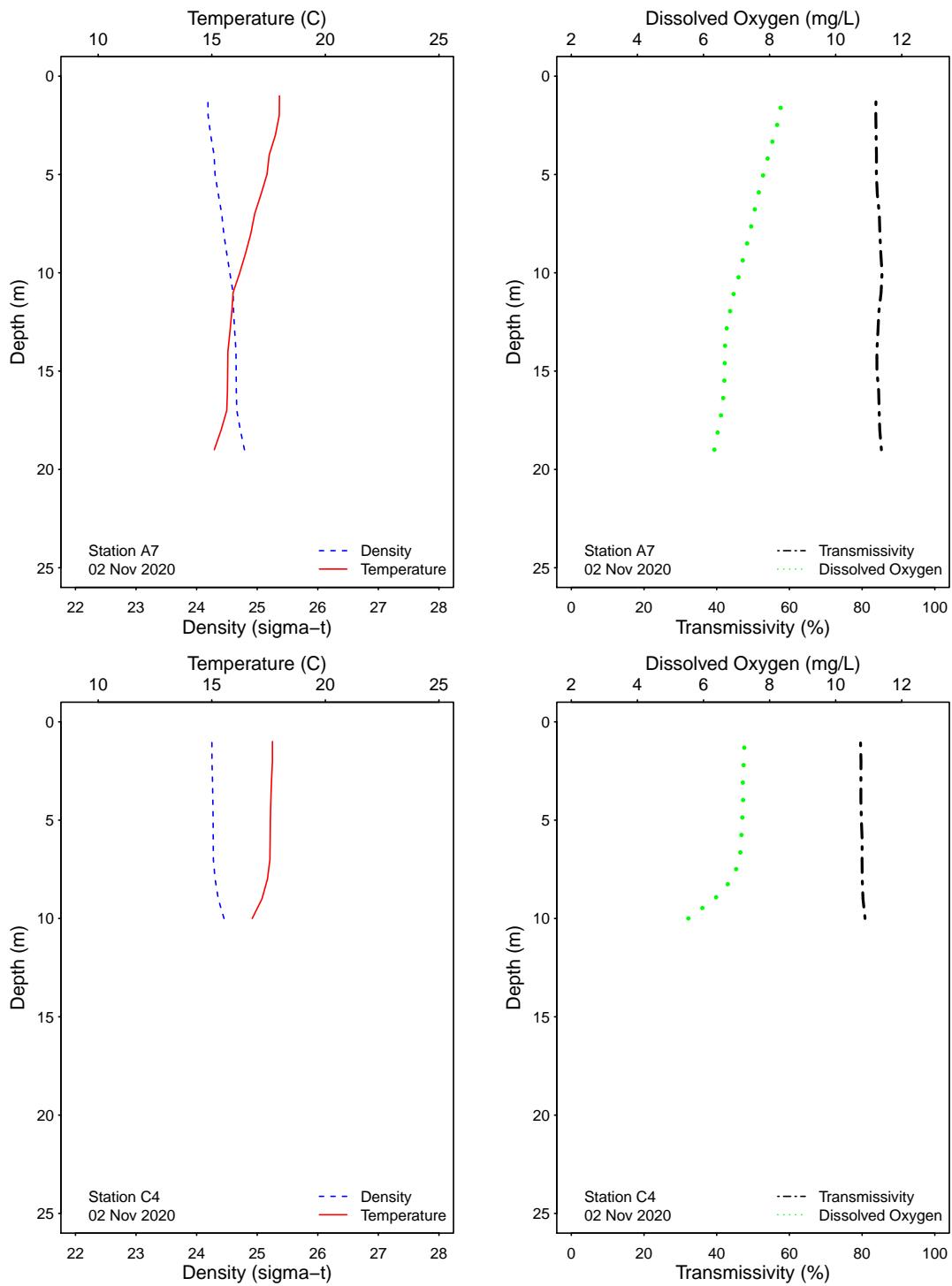


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

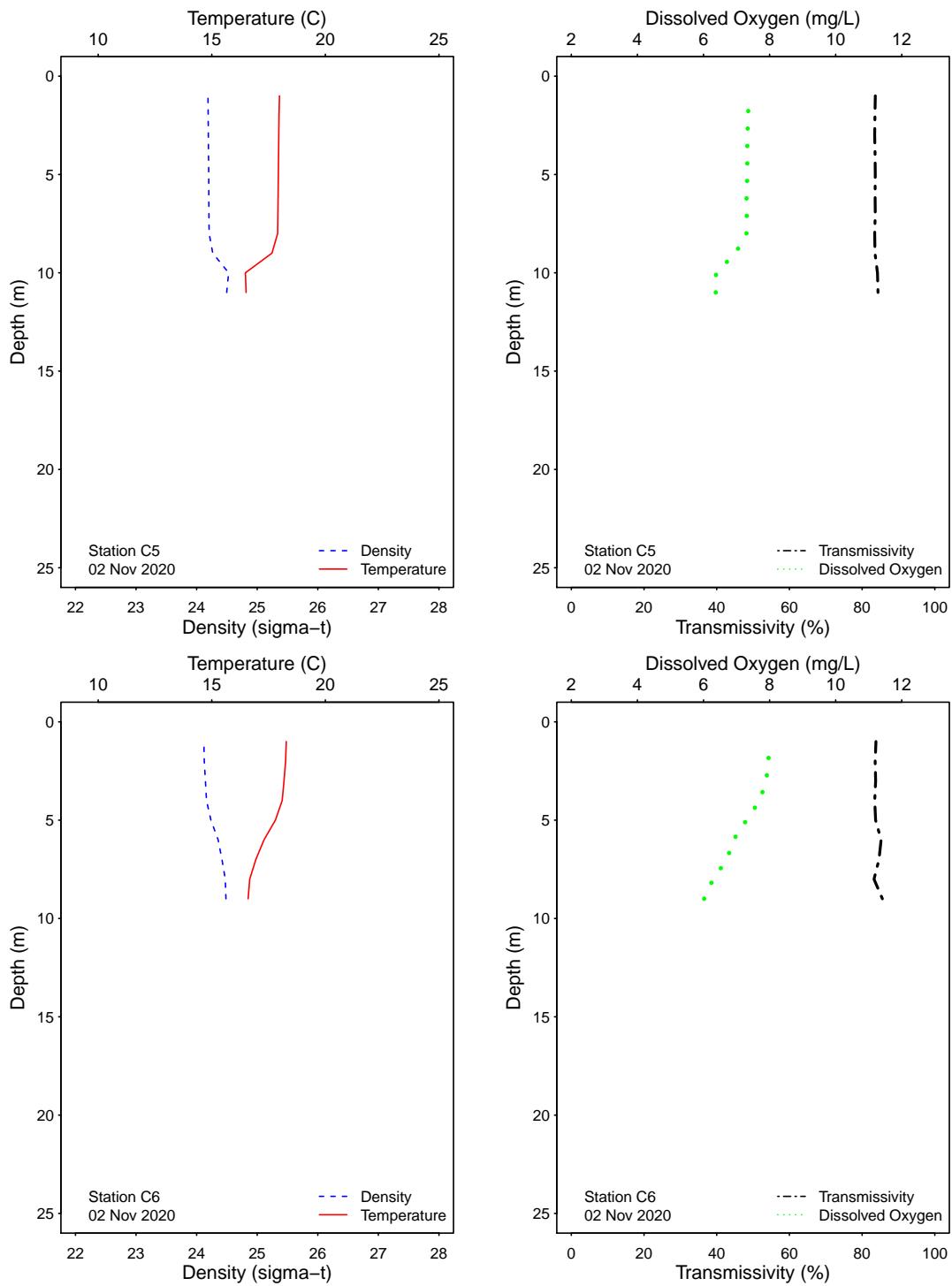


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

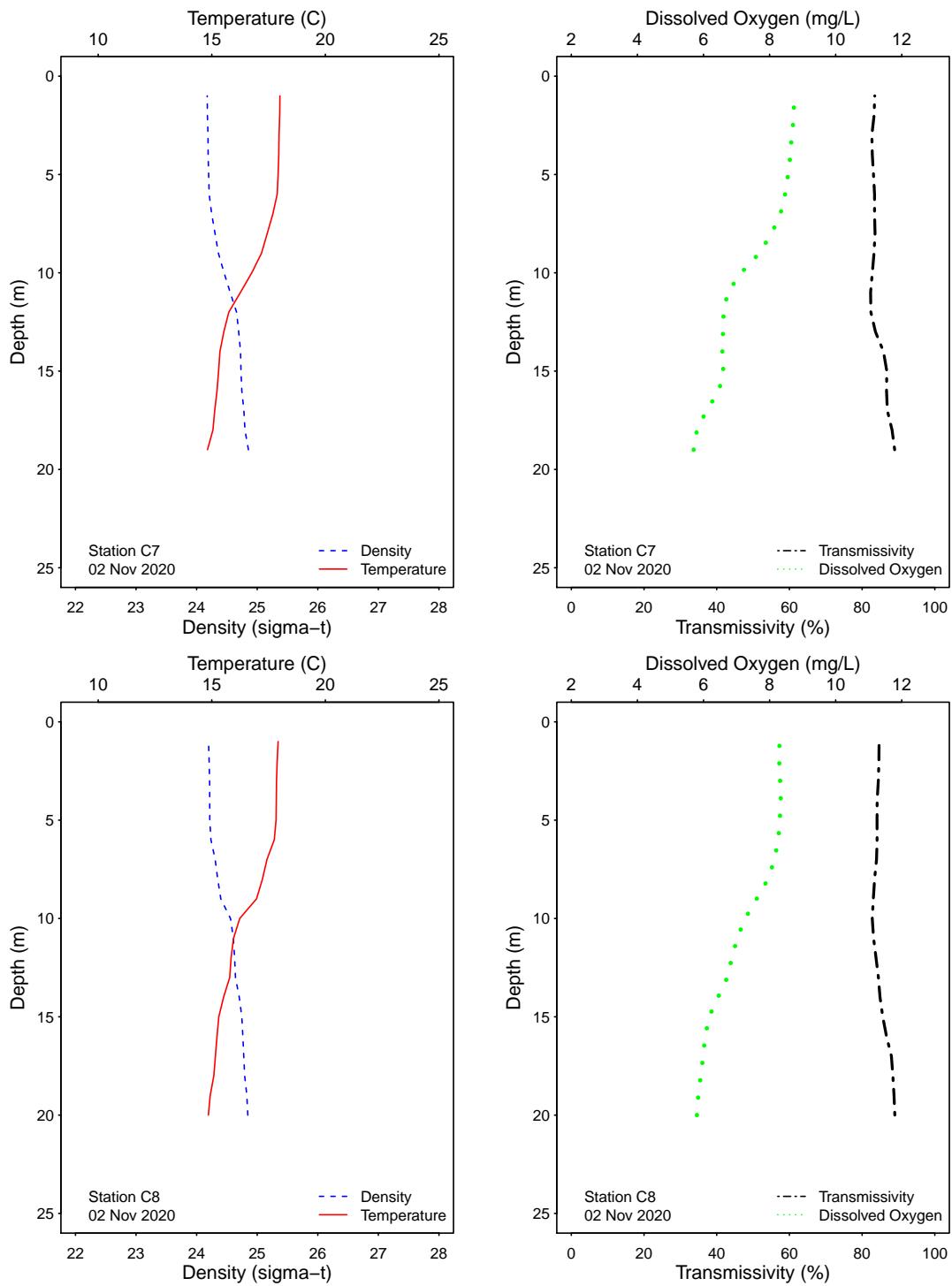


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

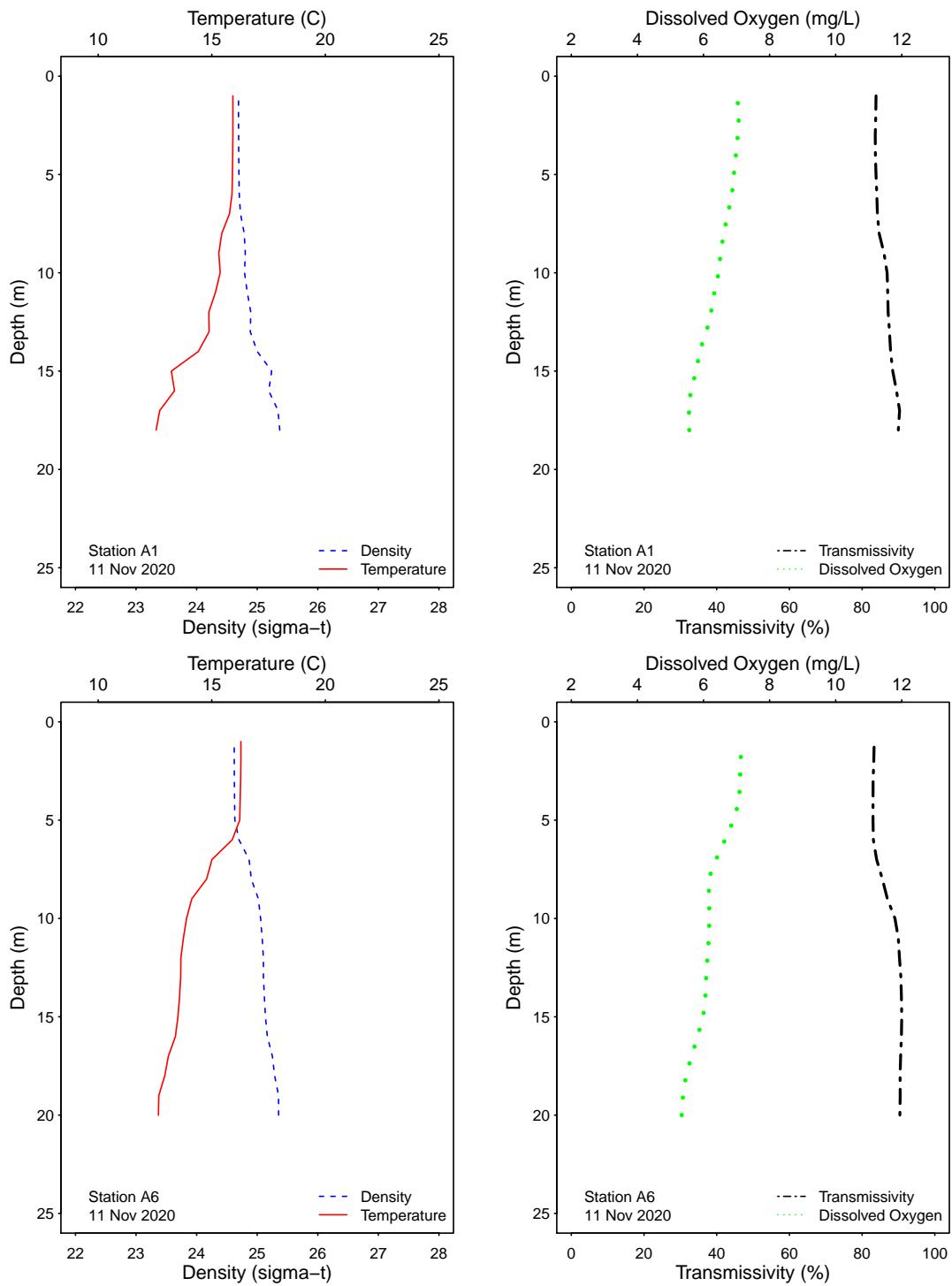


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

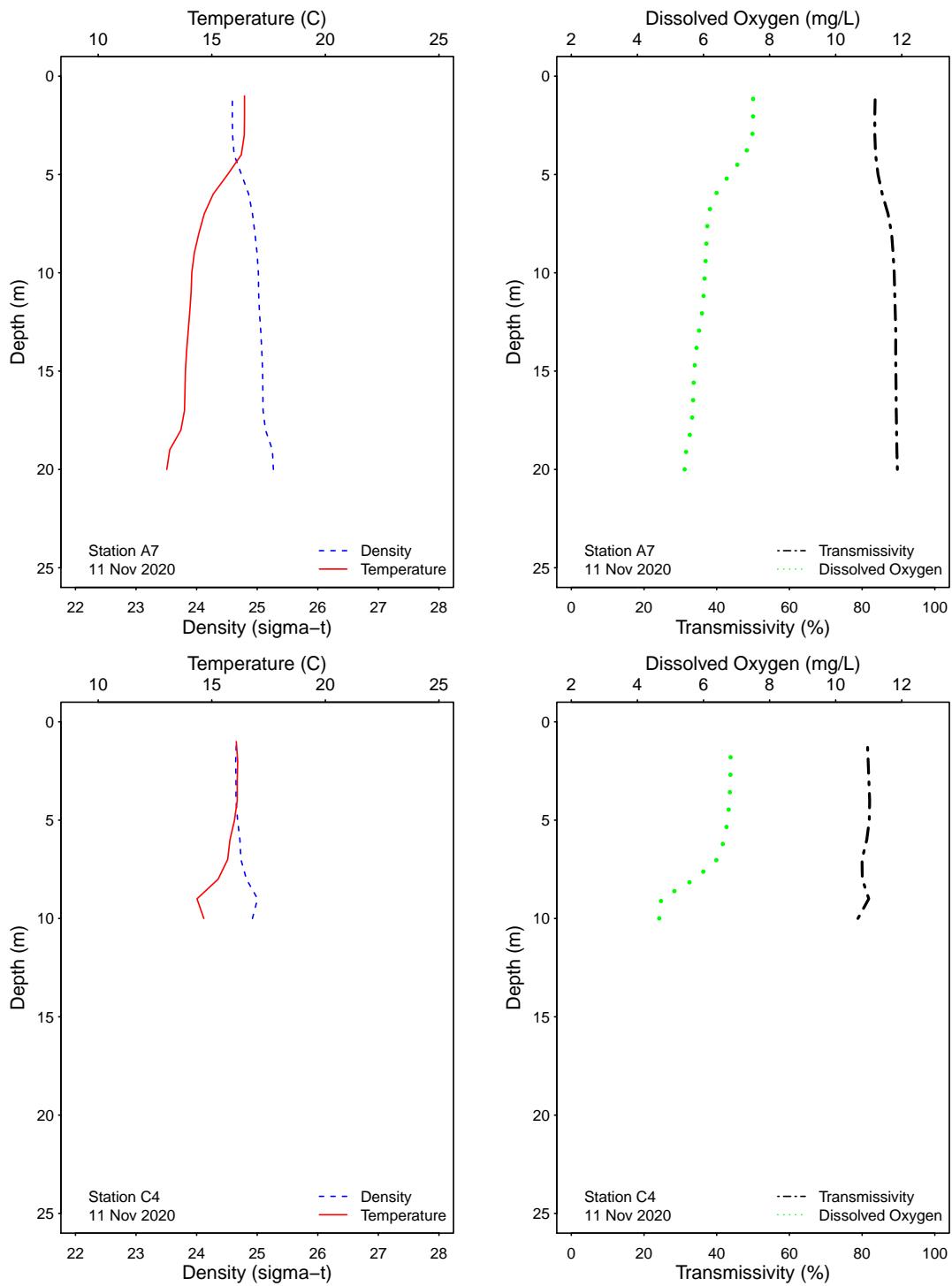


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

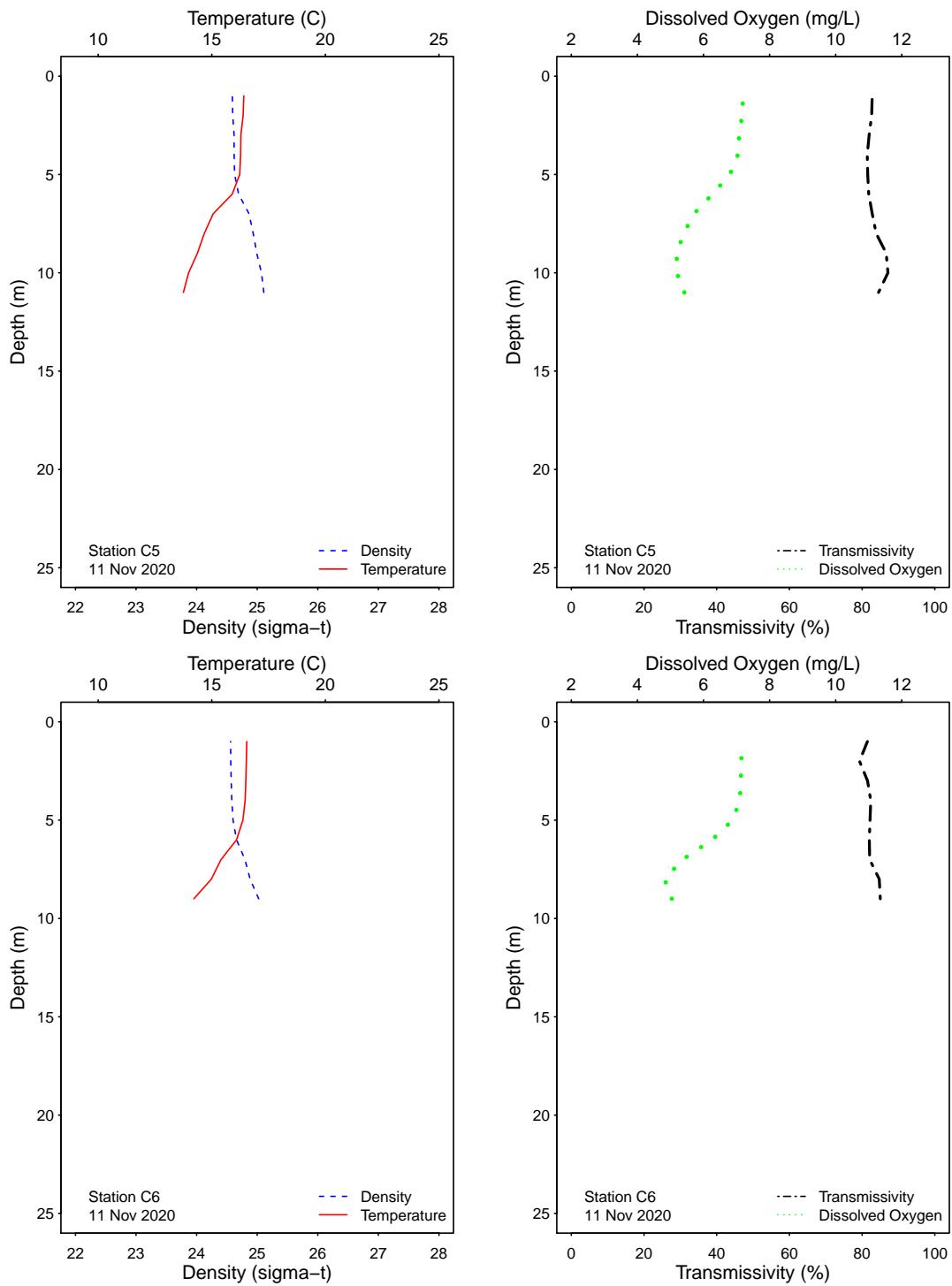


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

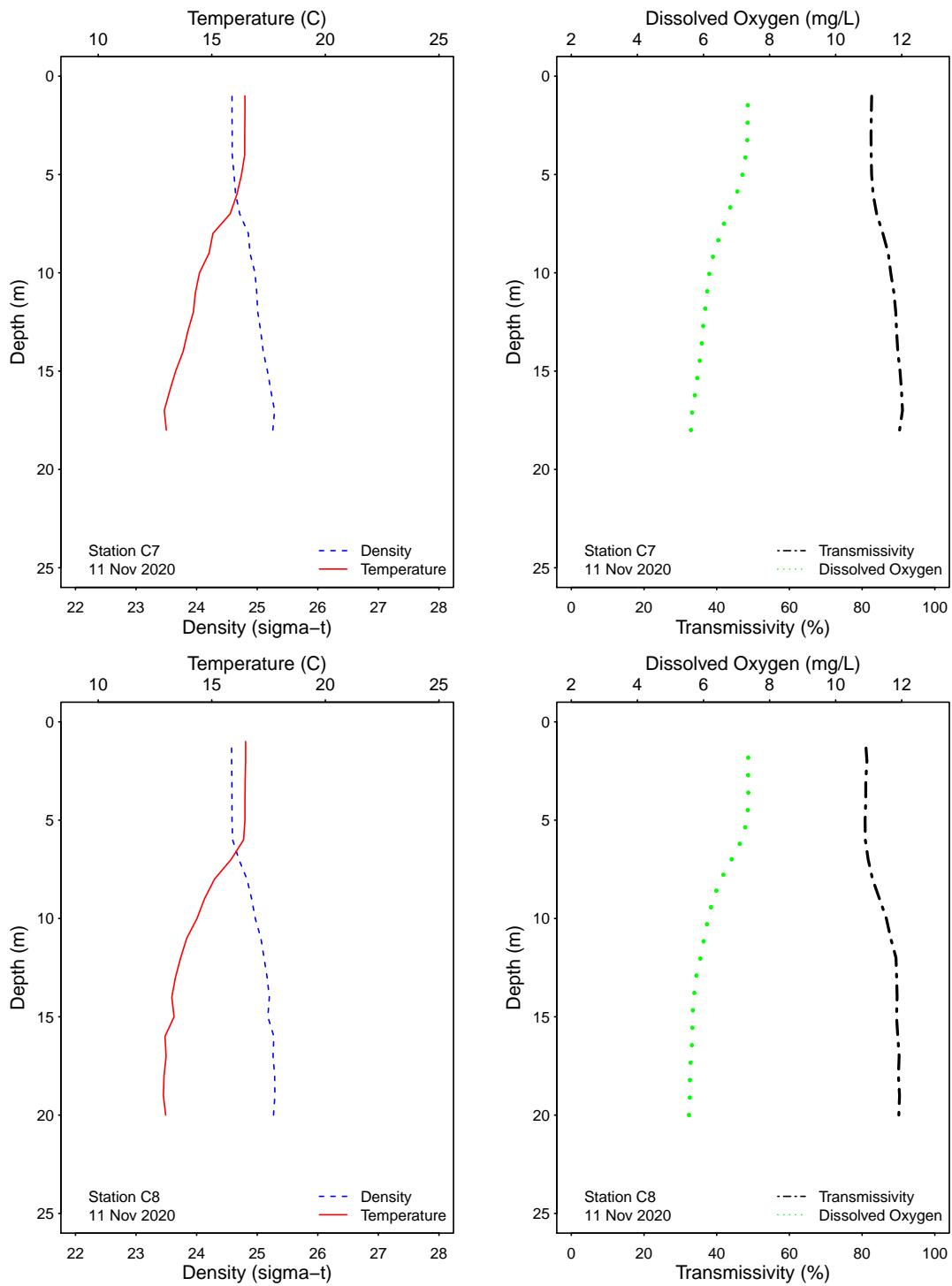


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

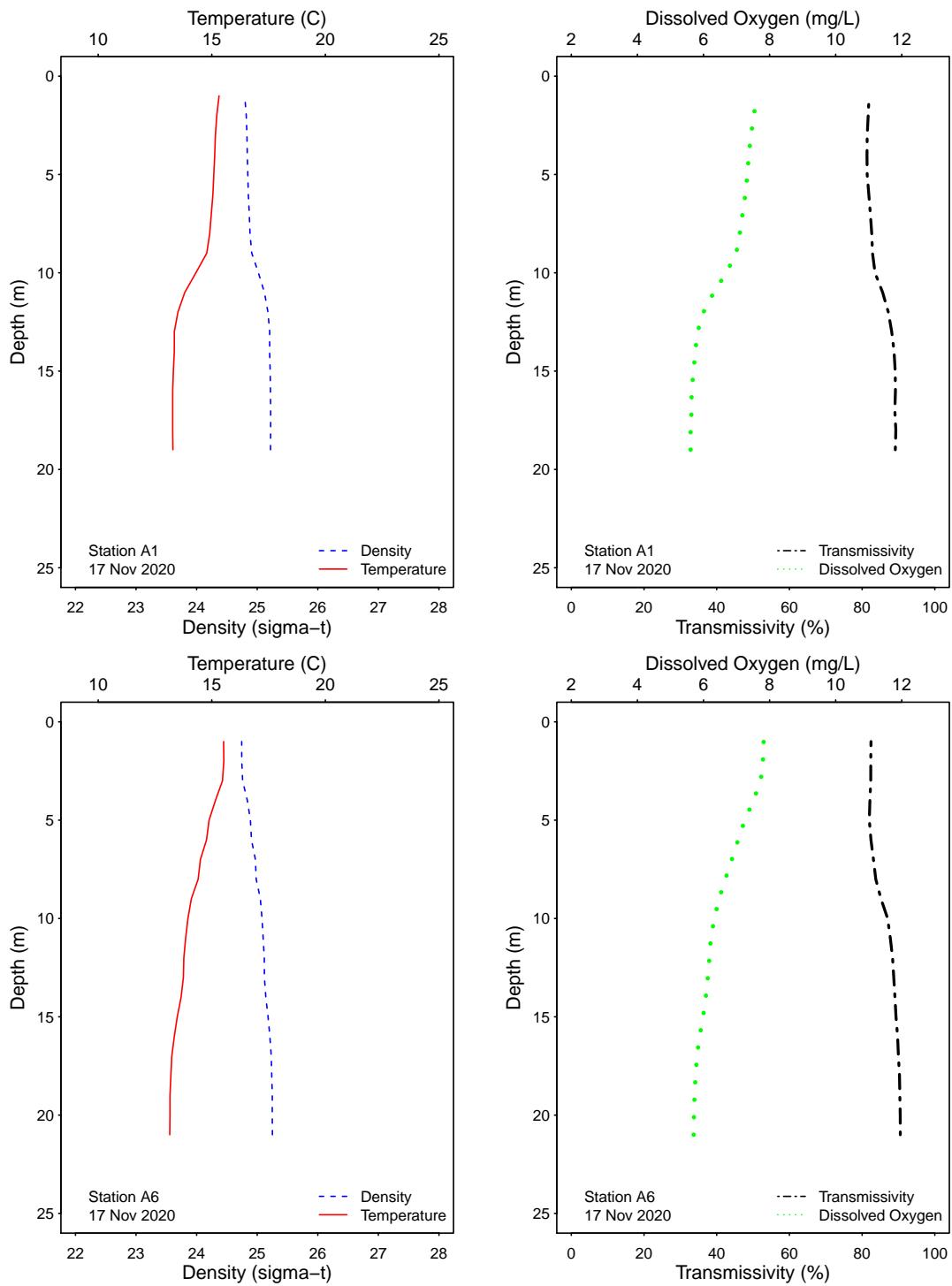


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

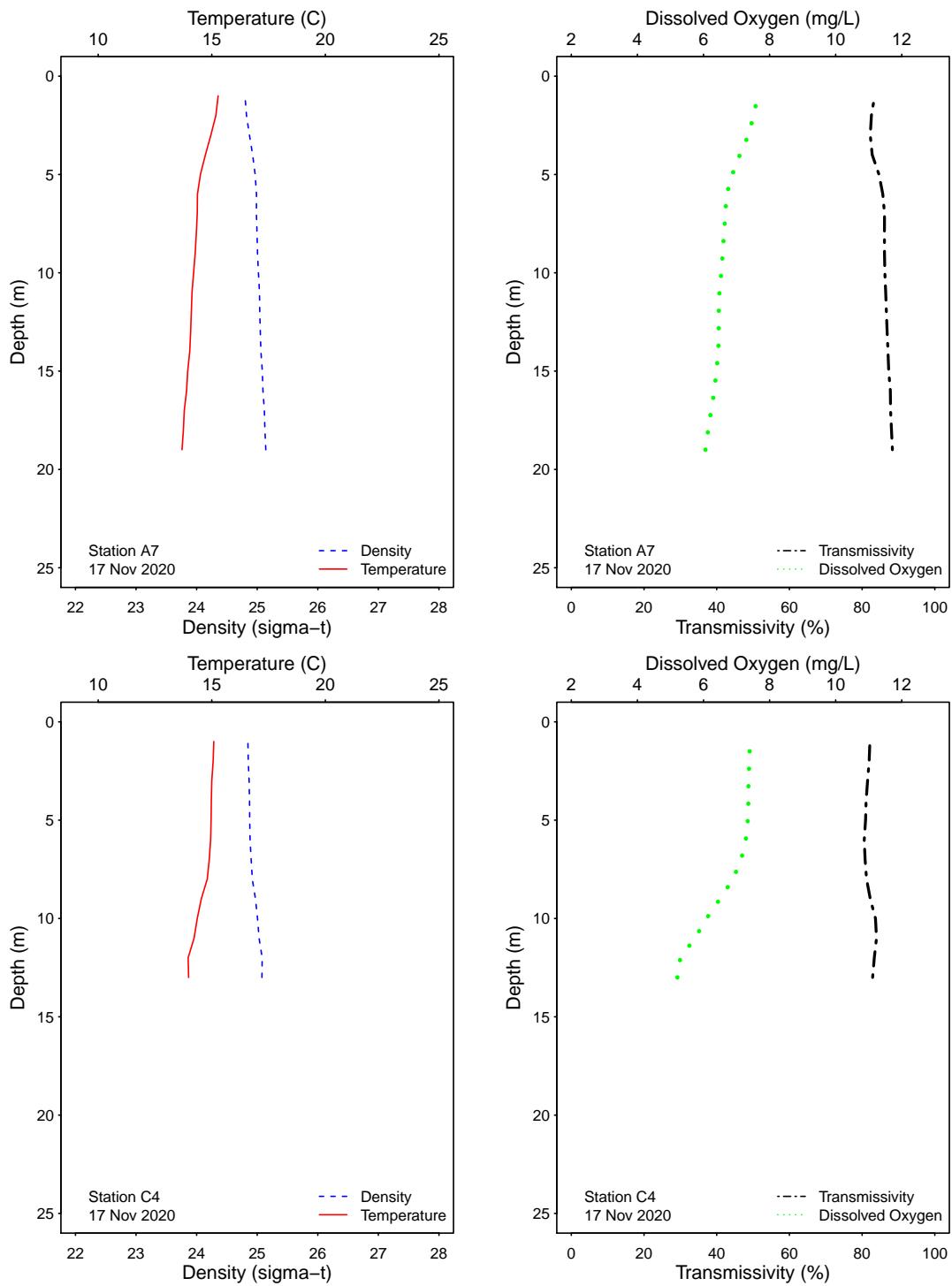


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

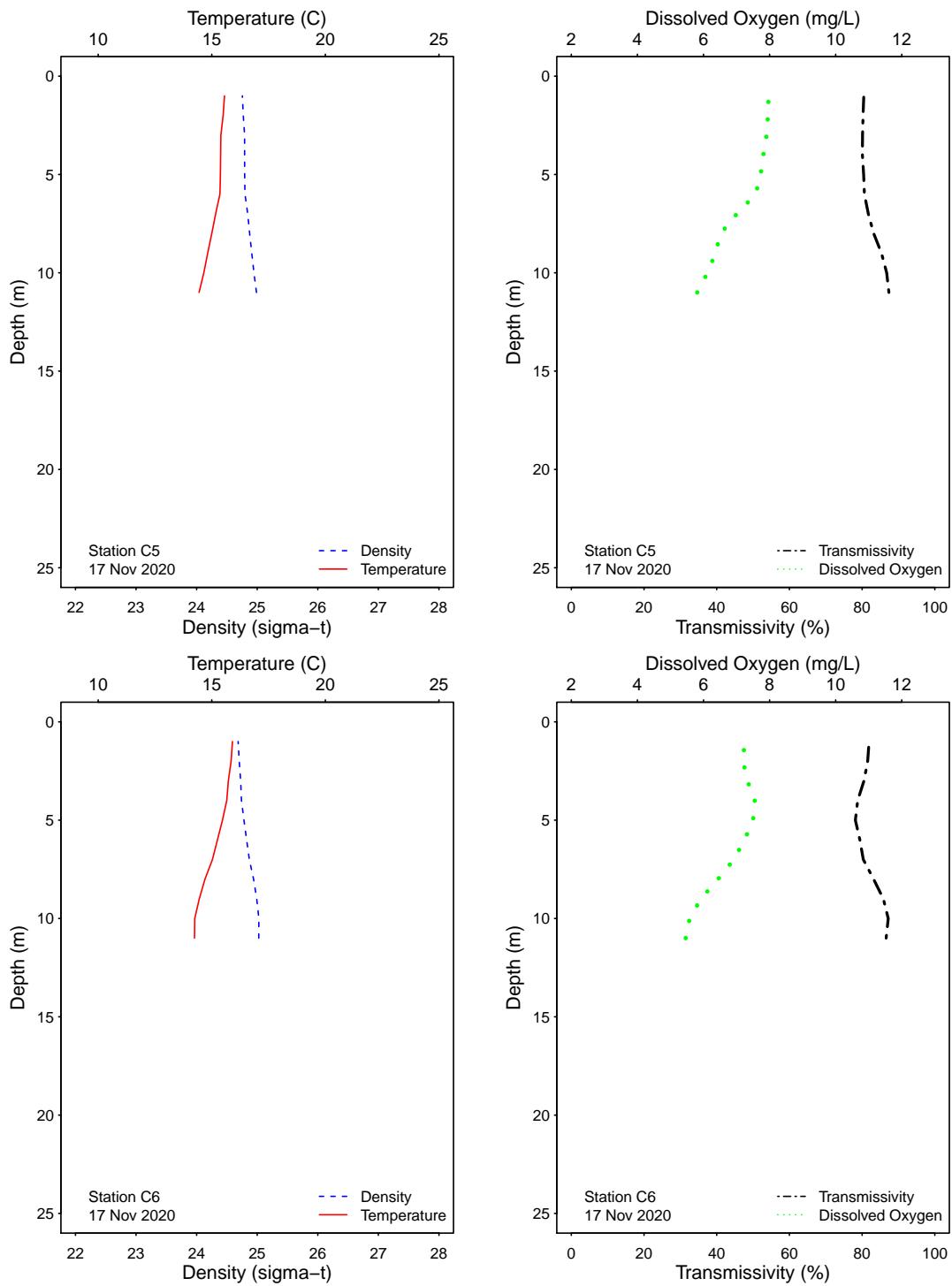


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

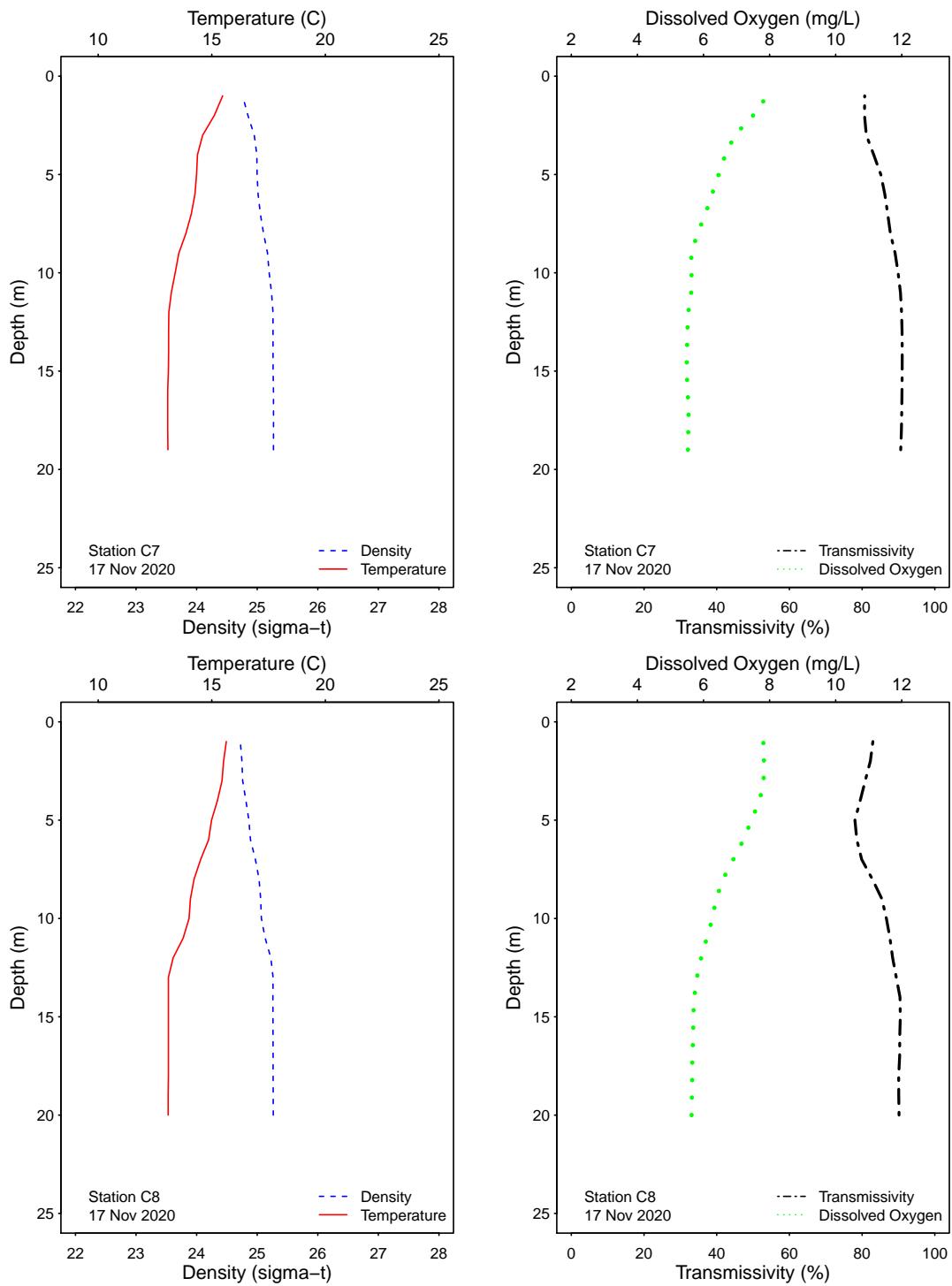


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

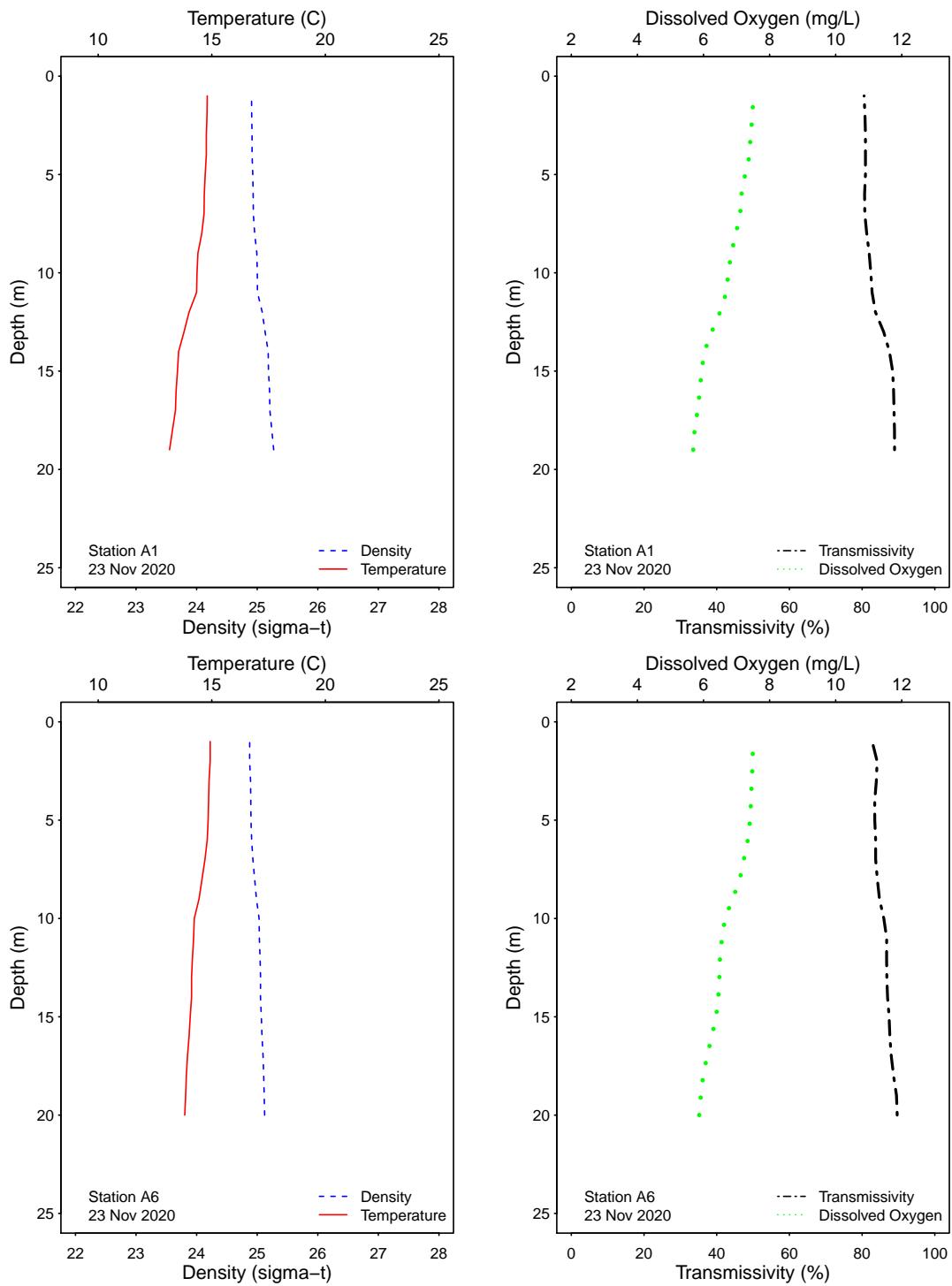


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

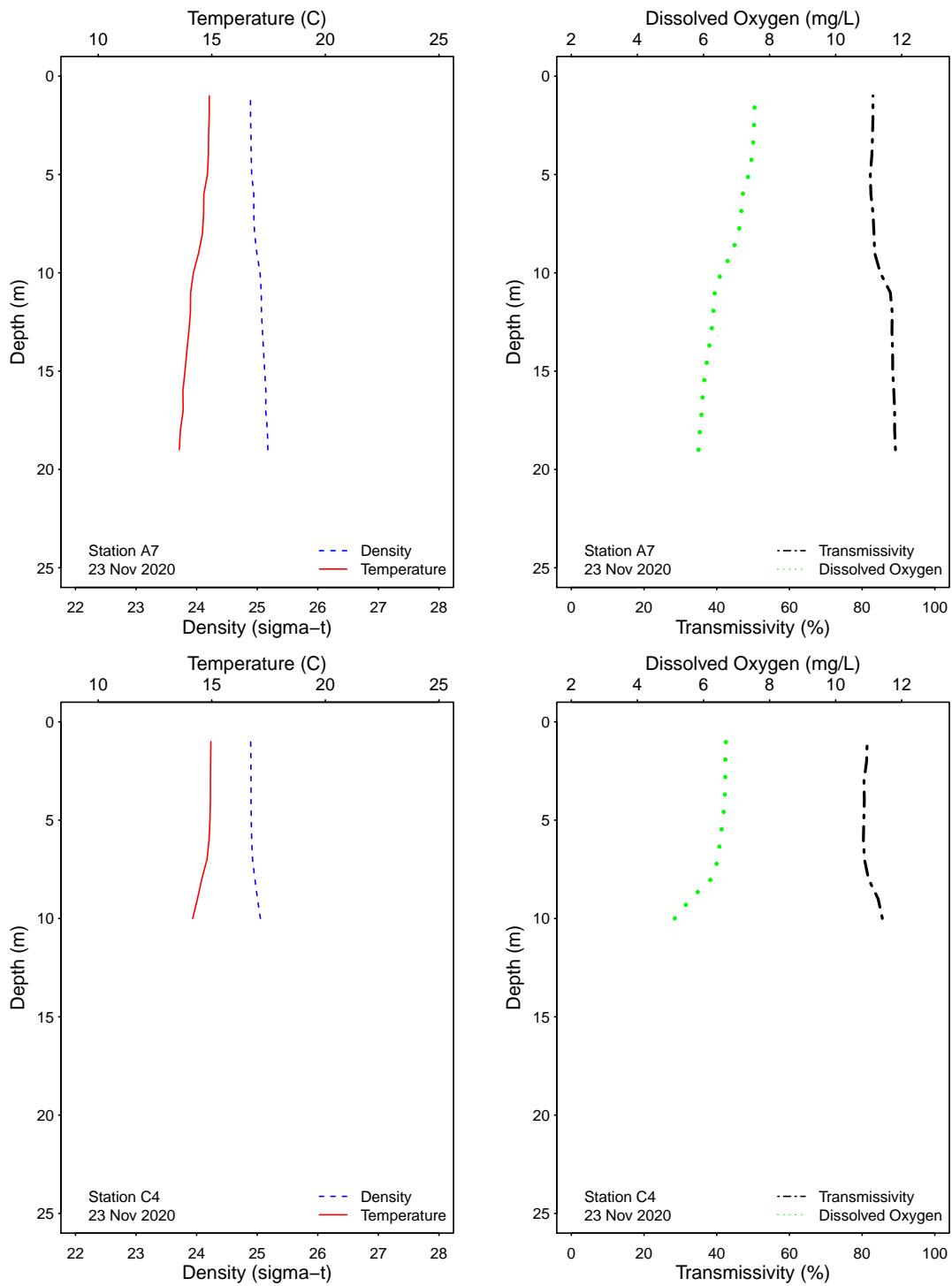


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

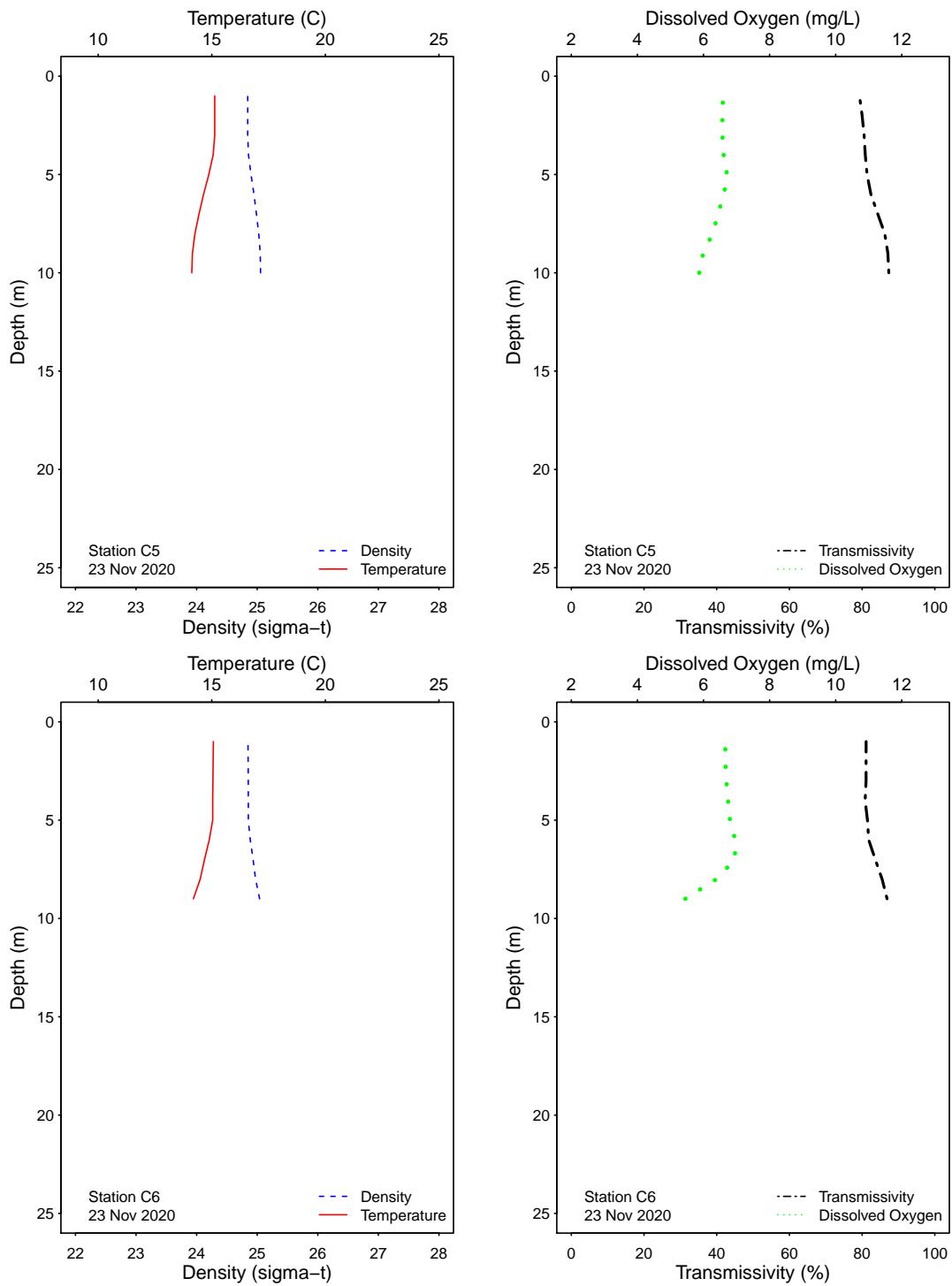


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

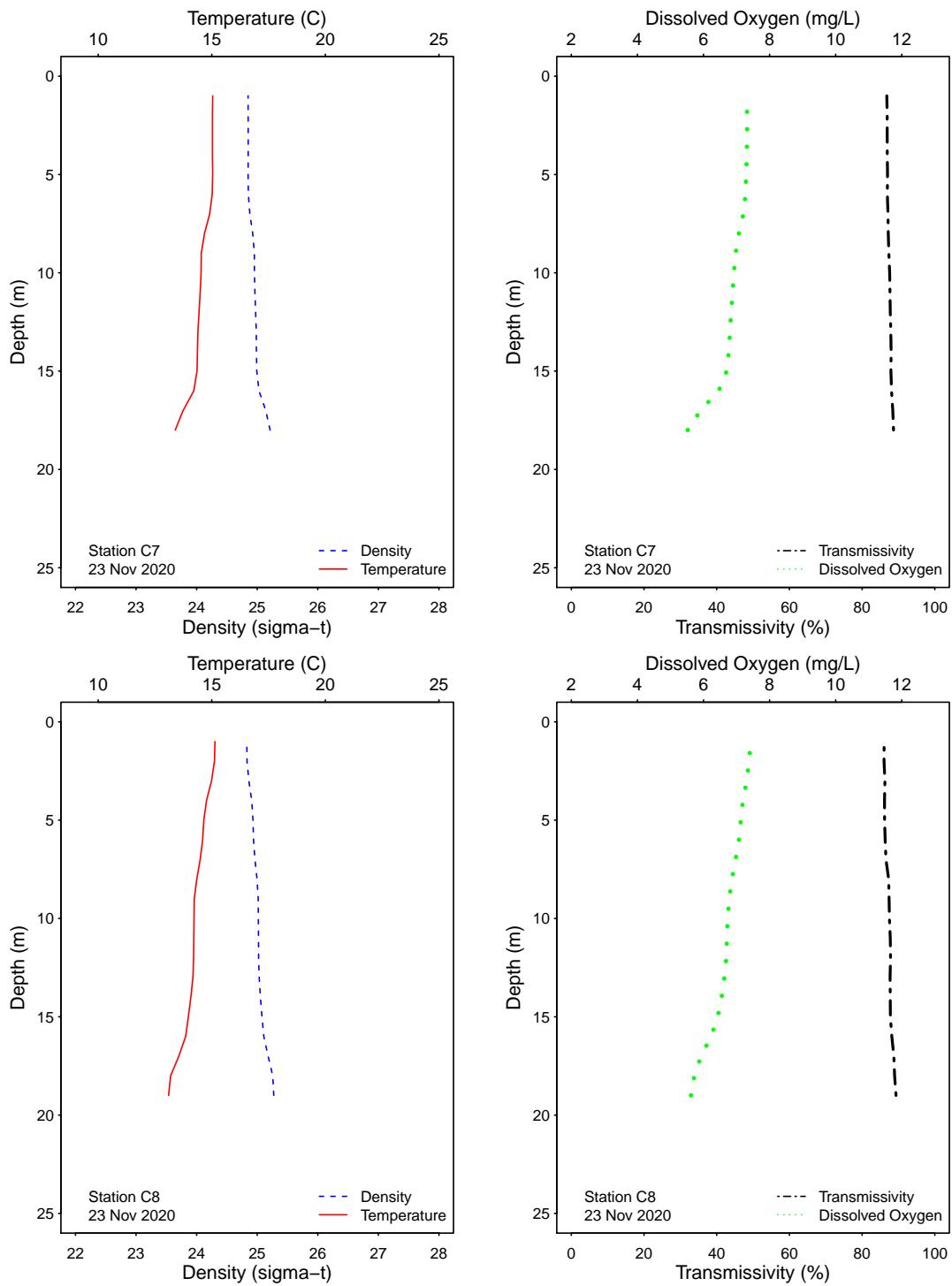


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

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Offshore Stations

Table 4.1

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

Date	F01	F02	F03	F06	F07	F08	F09	F10	F11	F12	F13	F14	F18	F19	F20
12 Nov 2020	IC	ns	ns	ns											
13 Nov 2020	ns	E	E	E											

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 4.2

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

Station	Date	Time	Depth	Enter	Temp	XMS	DO	Sal	pH
F01	12 Nov 2020	1205	1	<2	15.9	76.08	7.5	33.58	8.1
F01	12 Nov 2020	1205	12	<2	15.4	77.90	7.0	33.58	8.1
F01	12 Nov 2020	1205	18	2e	12.9	85.37	5.9	33.58	8.0
F02	12 Nov 2020	826	1	<2	15.6	79.85	7.2	33.57	8.1
F02	12 Nov 2020	826	12	<2	13.9	88.53	6.0	33.52	8.0
F02	12 Nov 2020	826	18	<2	13.3	89.74	5.8	33.53	8.0
F03	12 Nov 2020	841	1	<2	15.8	80.14	7.3	33.58	8.1
F03	12 Nov 2020	841	12	<2	13.6	87.46	6.0	33.52	8.0
F03	12 Nov 2020	841	18	<2	13.2	90.11	5.8	33.53	8.0
F04	12 Nov 2020	1140	1	<2	16.7	90.75	7.5	33.57	8.2
F04	12 Nov 2020	1140	25	<2	13.9	90.76	6.1	33.49	8.0
F04	12 Nov 2020	1140	60	<2	12.3	92.50	5.4	33.60	8.0
F05	12 Nov 2020	1127	1	<2	16.7	90.88	7.5	33.57	8.2
F05	12 Nov 2020	1127	25	<2	14.2	89.79	6.3	33.50	8.0
F05	12 Nov 2020	1127	60	<2	12.4	91.76	5.4	33.59	7.9
F06	12 Nov 2020	1114	1	<2	16.7	89.29	7.5	33.58	8.2
F06	12 Nov 2020	1114	25	<2	14.7	89.36	6.6	33.50	8.1
F06	12 Nov 2020	1114	60	2e	12.5	90.74	5.5	33.58	7.9
F07	12 Nov 2020	1059	1	<2	16.7	87.82	7.5	33.58	8.2
F07	12 Nov 2020	1059	25	<2	15.4	89.00	6.9	33.52	8.1
F07	12 Nov 2020	1059	60	8e	12.5	91.86	5.6	33.57	8.0
F08	12 Nov 2020	1037	1	<2	16.5	87.18	7.5	33.57	8.1
F08	12 Nov 2020	1037	25	<2	14.4	89.71	6.6	33.48	8.0
F08	12 Nov 2020	1037	60	2e	12.4	91.25	5.4	33.59	7.9
F09	12 Nov 2020	1019	1	<2	16.5	86.42	7.5	33.57	8.1
F09	12 Nov 2020	1019	25	<2	14.7	89.29	6.7	33.49	8.0
F09	12 Nov 2020	1019	60	6e	12.3	91.33	5.4	33.60	7.9
F10	12 Nov 2020	1004	1	<2	16.4	86.17	7.5	33.57	8.1
F10	12 Nov 2020	1004	25	2e	14.2	87.69	6.7	33.47	8.0
F10	12 Nov 2020	1004	60	6e	12.3	91.98	5.4	33.61	7.9
F11	12 Nov 2020	949	1	<2	16.4	87.41	7.5	33.56	8.1
F11	12 Nov 2020	949	25	<2	13.6	89.22	6.4	33.48	8.0
F11	12 Nov 2020	949	60	14e	12.1	90.88	5.2	33.62	7.9
F12	12 Nov 2020	933	1	<2	16.3	85.84	7.5	33.56	8.1
F12	12 Nov 2020	933	25	<2	13.6	89.66	6.5	33.46	8.0
F12	12 Nov 2020	933	60	24e	11.9	90.29	5.0	33.64	7.9
F13	12 Nov 2020	916	1	<2	16.0	84.32	7.5	33.55	8.1
F13	12 Nov 2020	916	25	4e	13.3	91.38	5.8	33.51	8.0
F13	12 Nov 2020	916	60	30e	11.9	89.21	4.7	33.64	7.9
F14	12 Nov 2020	900	1	<2	15.6	82.79	7.1	33.56	8.1

Station	Date	Time	Depth	Enter	Temp	XMS	DO	Sal	pH
F14	12 Nov 2020	900	25	<2	13.0	92.40	5.9	33.53	8.0
F14	12 Nov 2020	900	60	ND	11.9	89.69	4.7	33.64	7.8
F15	13 Nov 2020	1154	1	<2	17.6	89.26	7.4	33.62	8.2
F15	13 Nov 2020	1154	25	<2	14.8	90.03	6.7	33.50	8.1
F15	13 Nov 2020	1154	60	160e	12.4	93.87	5.8	33.57	8.0
F15	13 Nov 2020	1154	80	74	11.9	92.83	5.1	33.66	7.9
F16	13 Nov 2020	1140	1	<2	17.6	91.56	7.4	33.62	8.2
F16	13 Nov 2020	1140	25	<2	14.5	89.71	6.7	33.47	8.0
F16	13 Nov 2020	1140	60	8e	12.6	93.84	6.0	33.55	8.0
F16	13 Nov 2020	1140	80	80	11.9	93.73	5.1	33.66	7.9
F17	13 Nov 2020	1119	1	<2	17.3	88.51	7.5	33.57	8.1
F17	13 Nov 2020	1119	25	<2	14.0	90.54	6.4	33.47	8.0
F17	13 Nov 2020	1119	60	8e	12.4	93.68	5.6	33.59	7.9
F17	13 Nov 2020	1119	80	66	11.7	90.51	4.7	33.70	7.8
F18	13 Nov 2020	1104	1	<2	16.9	90.35	7.5	33.58	8.1
F18	13 Nov 2020	1104	25	4e	13.9	90.72	6.3	33.48	8.0
F18	13 Nov 2020	1104	60	4e	12.4	92.02	5.5	33.59	7.9
F18	13 Nov 2020	1104	80	110	11.8	90.94	4.8	33.67	7.8
F19	13 Nov 2020	1048	1	<2	16.8	91.19	7.6	33.57	8.1
F19	13 Nov 2020	1048	25	<2	13.6	91.26	6.4	33.47	8.0
F19	13 Nov 2020	1048	60	8e	12.3	93.82	5.6	33.60	7.9
F19	13 Nov 2020	1048	80	140e	11.9	91.88	5.0	33.65	7.9
F20	13 Nov 2020	1031	1	<2	16.8	91.06	7.6	33.57	8.1
F20	13 Nov 2020	1031	25	<2	13.6	90.75	6.6	33.46	8.0
F20	13 Nov 2020	1031	60	2e	12.4	93.81	5.7	33.58	7.9
F20	13 Nov 2020	1031	80	160e	11.8	91.48	4.9	33.67	7.8
F21	13 Nov 2020	1015	1	<2	16.5	90.09	7.5	33.55	8.1
F21	13 Nov 2020	1015	25	<2	14.1	89.58	6.5	33.49	8.0
F21	13 Nov 2020	1015	60	2e	12.2	93.63	5.5	33.60	7.9
F21	13 Nov 2020	1015	80	100	11.8	92.08	5.0	33.67	7.8
F22	13 Nov 2020	958	1	<2	16.4	90.25	7.5	33.55	8.1
F22	13 Nov 2020	958	25	<2	14.0	88.32	6.7	33.47	8.0
F22	13 Nov 2020	958	60	2e	12.1	93.70	5.4	33.62	7.9
F22	13 Nov 2020	958	80	18e	11.5	90.00	4.7	33.71	7.8
F23	13 Nov 2020	943	1	<2	16.1	87.81	7.5	33.54	8.1
F23	13 Nov 2020	943	25	<2	15.0	87.62	7.1	33.51	8.0
F23	13 Nov 2020	943	60	2e	12.2	93.17	5.2	33.60	7.9
F23	13 Nov 2020	943	80	16e	11.4	90.68	4.5	33.72	7.8
F24	13 Nov 2020	925	1	<2	15.9	85.55	7.6	33.53	8.1
F24	13 Nov 2020	925	25	<2	13.9	89.07	6.8	33.46	8.0
F24	13 Nov 2020	925	60	6e	12.1	93.08	5.0	33.62	7.8
F24	13 Nov 2020	925	80	6e	11.5	91.37	4.6	33.73	7.8
F25	13 Nov 2020	905	1	<2	15.8	88.33	7.6	33.53	8.1
F25	13 Nov 2020	905	25	<2	14.2	87.61	6.9	33.49	8.0
F25	13 Nov 2020	905	60	2e	12.2	93.18	5.2	33.60	7.9
F25	13 Nov 2020	905	80	2e	11.5	93.53	4.7	33.73	7.8
F26	10 Nov 2020	1157	1	2e	17.5	89.39	7.3	33.62	8.1
F26	10 Nov 2020	1157	25	4e	13.8	91.84	6.7	33.45	8.0
F26	10 Nov 2020	1157	60	160e	12.1	93.10	5.3	33.61	7.9

Station	Date	Time	Depth	Enter	Temp	XMS	DO	Sal	pH
F26	10 Nov 2020	1157	80	60	11.8	93.61	5.0	33.68	7.9
F26	10 Nov 2020	1157	98	2e	10.9	93.26	4.0	33.84	7.8
F27	10 Nov 2020	1145	1	2e	17.5	89.95	7.3	33.62	8.1
F27	10 Nov 2020	1145	25	<2	13.5	92.55	6.6	33.44	8.0
F27	10 Nov 2020	1145	60	240e	11.9	93.48	5.1	33.65	7.9
F27	10 Nov 2020	1145	80	260e	11.7	92.99	4.8	33.69	7.8
F27	10 Nov 2020	1145	98	16e	10.9	92.28	4.0	33.84	7.8
F28	10 Nov 2020	1130	1	<2	17.4	90.35	7.3	33.61	8.1
F28	10 Nov 2020	1130	25	2e	13.0	93.37	6.3	33.47	8.0
F28	10 Nov 2020	1130	60	540	11.8	92.07	4.9	33.60	7.9
F28	10 Nov 2020	1130	80	48	11.6	93.74	4.7	33.72	7.8
F28	10 Nov 2020	1130	98	6e	11.0	93.09	4.1	33.84	7.8
F29	10 Nov 2020	1115	1	<2	17.5	90.37	7.4	33.62	8.1
F29	10 Nov 2020	1115	25	<2	13.2	93.17	6.5	33.45	8.0
F29	10 Nov 2020	1115	60	40e	11.8	93.64	4.9	33.70	7.9
F29	10 Nov 2020	1115	80	240e	11.6	93.14	4.7	33.72	7.8
F29	10 Nov 2020	1115	98	24e	11.1	93.15	4.3	33.80	7.8
F30	10 Nov 2020	1058	1	<2	17.7	89.30	7.3	33.63	8.1
F30	10 Nov 2020	1058	25	<2	13.0	92.86	6.4	33.46	8.0
F30	10 Nov 2020	1058	60	56	11.7	93.67	5.0	33.69	7.9
F30	10 Nov 2020	1058	80	<2	11.6	93.98	4.7	33.74	7.8
F30	10 Nov 2020	1058	98	<2	11.0	92.92	4.1	33.82	7.8
F31	10 Nov 2020	1043	1	<2	17.7	89.02	7.3	33.63	8.1
F31	10 Nov 2020	1043	25	<2	13.1	92.79	6.3	33.47	8.0
F31	10 Nov 2020	1043	60	<2	11.9	94.11	5.4	33.65	7.9
F31	10 Nov 2020	1043	80	<2	11.4	94.11	4.9	33.73	7.8
F31	10 Nov 2020	1043	98	<2	11.0	92.98	4.3	33.81	7.8
F32	10 Nov 2020	1029	1	<2	17.7	89.53	7.3	33.62	8.1
F32	10 Nov 2020	1029	25	<2	13.2	92.28	5.8	33.52	7.9
F32	10 Nov 2020	1029	60	<2	11.9	93.52	5.0	33.68	7.9
F32	10 Nov 2020	1029	80	2e	11.4	94.19	5.0	33.70	7.8
F32	10 Nov 2020	1029	98	<2	11.1	93.50	4.3	33.80	7.8
F33	10 Nov 2020	1013	1	<2	17.6	89.40	7.3	33.62	8.1
F33	10 Nov 2020	1013	25	<2	13.5	91.78	5.8	33.51	7.9
F33	10 Nov 2020	1013	60	<2	11.9	93.57	5.1	33.67	7.9
F33	10 Nov 2020	1013	80	<2	11.3	94.06	4.6	33.76	7.8
F33	10 Nov 2020	1013	98	<2	11.0	92.88	4.2	33.81	7.8
F34	10 Nov 2020	958	1	<2	17.5	88.84	7.3	33.62	8.1
F34	10 Nov 2020	958	25	<2	13.7	91.50	5.7	33.49	7.9
F34	10 Nov 2020	958	60	6e	11.8	93.43	5.0	33.65	7.9
F34	10 Nov 2020	958	80	<2	11.3	94.09	4.7	33.74	7.8
F34	10 Nov 2020	958	98	<2	11.1	93.49	4.3	33.79	7.8
F35	10 Nov 2020	927	1	<2	17.4	89.70	7.3	33.61	8.1
F35	10 Nov 2020	927	25	<2	13.7	91.65	5.8	33.49	7.9
F35	10 Nov 2020	927	60	<2	12.0	93.52	5.2	33.66	7.9
F35	10 Nov 2020	927	80	2e	11.3	94.09	4.7	33.74	7.8
F35	10 Nov 2020	927	98	6e	11.0	93.31	4.2	33.81	7.8
F36	10 Nov 2020	904	1	<2	17.2	90.02	7.4	33.59	8.1
F36	10 Nov 2020	904	25	<2	13.8	90.82	6.3	33.46	8.0
F36	10 Nov 2020	904	60	4e	12.0	93.79	5.3	33.64	7.9
F36	10 Nov 2020	904	80	<2	11.2	94.10	4.4	33.79	7.8

Station	Date	Time	Depth	Enter	Temp	XMS	DO	Sal	pH
F36	10 Nov 2020	904	98	<2	10.9	93.76	4.1	33.83	7.8

ns = not sampled

ND = no data

Comments

Station	Date	Depth	Parameter	Comments
F14	12 Nov 2020	60		Broken bottle

Table 4.3

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

Station	Date	Parameter	Value
F01	12 Nov 2020	Depth (m)	19
F01	12 Nov 2020	Arrive Time	1205
F01	12 Nov 2020	Depart Time	1214
F01	12 Nov 2020	Air Temp (C)	16
F01	12 Nov 2020	Weather	Clear
F01	12 Nov 2020	Visibility (mi)	15
F01	12 Nov 2020	Wind Speed (kts)	13
F01	12 Nov 2020	Wind Dir	NW
F01	12 Nov 2020	Water Color	Greenish-Blue
F01	12 Nov 2020	Wave Ht Low (ft)	2
F01	12 Nov 2020	Wave Period (sec)	13
F01	12 Nov 2020	Sea State	Calm
F01	12 Nov 2020	High Tide (ft)	6.33
F01	12 Nov 2020	High Tide Time	2106
F01	12 Nov 2020	Low Tide (ft)	-0.71
F01	12 Nov 2020	Low Tide Time	405
F01	12 Nov 2020	Comments	none
F02	12 Nov 2020	Depth (m)	21
F02	12 Nov 2020	Arrive Time	826
F02	12 Nov 2020	Depart Time	831
F02	12 Nov 2020	Air Temp (C)	13
F02	12 Nov 2020	Weather	Clear
F02	12 Nov 2020	Visibility (mi)	15
F02	12 Nov 2020	Wind Speed (kts)	4
F02	12 Nov 2020	Wind Dir	E
F02	12 Nov 2020	Water Color	Greenish-Blue
F02	12 Nov 2020	Wave Ht Low (ft)	2
F02	12 Nov 2020	Wave Period (sec)	13
F02	12 Nov 2020	Sea State	Calm
F02	12 Nov 2020	High Tide (ft)	6.33
F02	12 Nov 2020	High Tide Time	2106
F02	12 Nov 2020	Low Tide (ft)	-0.71
F02	12 Nov 2020	Low Tide Time	405
F02	12 Nov 2020	Comments	none
F03	12 Nov 2020	Depth (m)	20
F03	12 Nov 2020	Arrive Time	841
F03	12 Nov 2020	Depart Time	852
F03	12 Nov 2020	Air Temp (C)	14
F03	12 Nov 2020	Weather	Clear
F03	12 Nov 2020	Visibility (mi)	15
F03	12 Nov 2020	Wind Speed (kts)	1
F03	12 Nov 2020	Wind Dir	SE
F03	12 Nov 2020	Water Color	Greenish-Blue
F03	12 Nov 2020	Wave Ht Low (ft)	2
F03	12 Nov 2020	Wave Period (sec)	13
F03	12 Nov 2020	Sea State	Calm
F03	12 Nov 2020	High Tide (ft)	6.33
F03	12 Nov 2020	High Tide Time	2106
F03	12 Nov 2020	Low Tide (ft)	-0.71
F03	12 Nov 2020	Low Tide Time	405
F03	12 Nov 2020	Comments	none
F04	12 Nov 2020	Depth (m)	64
F04	12 Nov 2020	Arrive Time	1140

Station	Date	Parameter	Value
F04	12 Nov 2020	Depart Time	1147
F04	12 Nov 2020	Air Temp (C)	16
F04	12 Nov 2020	Weather	Clear
F04	12 Nov 2020	Visibility (mi)	15
F04	12 Nov 2020	Wind Speed (kts)	8
F04	12 Nov 2020	Wind Dir	NW
F04	12 Nov 2020	Water Color	Greenish-Blue
F04	12 Nov 2020	Wave Ht Low (ft)	2
F04	12 Nov 2020	Wave Period (sec)	13
F04	12 Nov 2020	Sea State	Calm
F04	12 Nov 2020	High Tide (ft)	6.33
F04	12 Nov 2020	High Tide Time	2106
F04	12 Nov 2020	Low Tide (ft)	-0.71
F04	12 Nov 2020	Low Tide Time	405
F04	12 Nov 2020	Comments	none
F05	12 Nov 2020	Depth (m)	65
F05	12 Nov 2020	Arrive Time	1127
F05	12 Nov 2020	Depart Time	1134
F05	12 Nov 2020	Air Temp (C)	16
F05	12 Nov 2020	Weather	Clear
F05	12 Nov 2020	Visibility (mi)	15
F05	12 Nov 2020	Wind Speed (kts)	6
F05	12 Nov 2020	Wind Dir	NW
F05	12 Nov 2020	Water Color	Greenish-Blue
F05	12 Nov 2020	Wave Ht Low (ft)	2
F05	12 Nov 2020	Wave Period (sec)	13
F05	12 Nov 2020	Sea State	Calm
F05	12 Nov 2020	High Tide (ft)	6.33
F05	12 Nov 2020	High Tide Time	2106
F05	12 Nov 2020	Low Tide (ft)	-0.71
F05	12 Nov 2020	Low Tide Time	405
F05	12 Nov 2020	Comments	none
F06	12 Nov 2020	Depth (m)	62
F06	12 Nov 2020	Arrive Time	1114
F06	12 Nov 2020	Depart Time	1122
F06	12 Nov 2020	Air Temp (C)	16
F06	12 Nov 2020	Weather	Clear
F06	12 Nov 2020	Visibility (mi)	15
F06	12 Nov 2020	Wind Speed (kts)	6
F06	12 Nov 2020	Wind Dir	NW
F06	12 Nov 2020	Water Color	Greenish-Blue
F06	12 Nov 2020	Wave Ht Low (ft)	2
F06	12 Nov 2020	Wave Period (sec)	13
F06	12 Nov 2020	Sea State	Calm
F06	12 Nov 2020	High Tide (ft)	6.33
F06	12 Nov 2020	High Tide Time	2106
F06	12 Nov 2020	Low Tide (ft)	-0.71
F06	12 Nov 2020	Low Tide Time	405
F06	12 Nov 2020	Comments	none
F07	12 Nov 2020	Depth (m)	67
F07	12 Nov 2020	Arrive Time	1059
F07	12 Nov 2020	Depart Time	1107
F07	12 Nov 2020	Air Temp (C)	16
F07	12 Nov 2020	Weather	Clear
F07	12 Nov 2020	Visibility (mi)	15
F07	12 Nov 2020	Wind Speed (kts)	6
F07	12 Nov 2020	Wind Dir	N
F07	12 Nov 2020	Water Color	Greenish-Blue

Station	Date	Parameter	Value
F07	12 Nov 2020	Wave Ht Low (ft)	2
F07	12 Nov 2020	Wave Period (sec)	13
F07	12 Nov 2020	Sea State	Calm
F07	12 Nov 2020	High Tide (ft)	6.33
F07	12 Nov 2020	High Tide Time	2106
F07	12 Nov 2020	Low Tide (ft)	-0.71
F07	12 Nov 2020	Low Tide Time	405
F07	12 Nov 2020	Comments	none
F08	12 Nov 2020	Depth (m)	61
F08	12 Nov 2020	Arrive Time	1037
F08	12 Nov 2020	Depart Time	1051
F08	12 Nov 2020	Air Temp (C)	16
F08	12 Nov 2020	Weather	Clear
F08	12 Nov 2020	Visibility (mi)	15
F08	12 Nov 2020	Wind Speed (kts)	6
F08	12 Nov 2020	Wind Dir	N
F08	12 Nov 2020	Water Color	Greenish-Blue
F08	12 Nov 2020	Wave Ht Low (ft)	2
F08	12 Nov 2020	Wave Period (sec)	13
F08	12 Nov 2020	Sea State	Calm
F08	12 Nov 2020	High Tide (ft)	6.33
F08	12 Nov 2020	High Tide Time	2106
F08	12 Nov 2020	Low Tide (ft)	-0.71
F08	12 Nov 2020	Low Tide Time	405
F08	12 Nov 2020	Comments	none
F09	12 Nov 2020	Depth (m)	65
F09	12 Nov 2020	Arrive Time	1019
F09	12 Nov 2020	Depart Time	1032
F09	12 Nov 2020	Air Temp (C)	16
F09	12 Nov 2020	Weather	Clear
F09	12 Nov 2020	Visibility (mi)	15
F09	12 Nov 2020	Wind Speed (kts)	4
F09	12 Nov 2020	Wind Dir	N
F09	12 Nov 2020	Water Color	Greenish-Blue
F09	12 Nov 2020	Wave Ht Low (ft)	2
F09	12 Nov 2020	Wave Period (sec)	13
F09	12 Nov 2020	Sea State	Calm
F09	12 Nov 2020	High Tide (ft)	6.33
F09	12 Nov 2020	High Tide Time	2106
F09	12 Nov 2020	Low Tide (ft)	-0.71
F09	12 Nov 2020	Low Tide Time	405
F09	12 Nov 2020	Comments	none
F10	12 Nov 2020	Depth (m)	65
F10	12 Nov 2020	Arrive Time	1004
F10	12 Nov 2020	Depart Time	1012
F10	12 Nov 2020	Air Temp (C)	15
F10	12 Nov 2020	Weather	Clear
F10	12 Nov 2020	Visibility (mi)	15
F10	12 Nov 2020	Wind Speed (kts)	5
F10	12 Nov 2020	Wind Dir	N
F10	12 Nov 2020	Water Color	Greenish-Blue
F10	12 Nov 2020	Wave Ht Low (ft)	2
F10	12 Nov 2020	Wave Period (sec)	13
F10	12 Nov 2020	Sea State	Calm
F10	12 Nov 2020	High Tide (ft)	6.33
F10	12 Nov 2020	High Tide Time	2106
F10	12 Nov 2020	Low Tide (ft)	-0.71
F10	12 Nov 2020	Low Tide Time	405

Station	Date	Parameter	Value
F10	12 Nov 2020	Comments	none
F11	12 Nov 2020	Depth (m)	62
F11	12 Nov 2020	Arrive Time	949
F11	12 Nov 2020	Depart Time	957
F11	12 Nov 2020	Air Temp (C)	15
F11	12 Nov 2020	Weather	Clear
F11	12 Nov 2020	Visibility (mi)	15
F11	12 Nov 2020	Wind Speed (kts)	4
F11	12 Nov 2020	Wind Dir	NW
F11	12 Nov 2020	Water Color	Greenish-Blue
F11	12 Nov 2020	Wave Ht Low (ft)	2
F11	12 Nov 2020	Wave Period (sec)	13
F11	12 Nov 2020	Sea State	Calm
F11	12 Nov 2020	High Tide (ft)	6.33
F11	12 Nov 2020	High Tide Time	2106
F11	12 Nov 2020	Low Tide (ft)	-0.71
F11	12 Nov 2020	Low Tide Time	405
F11	12 Nov 2020	Comments	none
F12	12 Nov 2020	Depth (m)	63
F12	12 Nov 2020	Arrive Time	933
F12	12 Nov 2020	Depart Time	942
F12	12 Nov 2020	Air Temp (C)	15
F12	12 Nov 2020	Weather	Clear
F12	12 Nov 2020	Visibility (mi)	15
F12	12 Nov 2020	Wind Speed (kts)	7
F12	12 Nov 2020	Wind Dir	W
F12	12 Nov 2020	Water Color	Greenish-Blue
F12	12 Nov 2020	Wave Ht Low (ft)	2
F12	12 Nov 2020	Wave Period (sec)	13
F12	12 Nov 2020	Sea State	Calm
F12	12 Nov 2020	High Tide (ft)	6.33
F12	12 Nov 2020	High Tide Time	2106
F12	12 Nov 2020	Low Tide (ft)	-0.71
F12	12 Nov 2020	Low Tide Time	405
F12	12 Nov 2020	Comments	none
F13	12 Nov 2020	Depth (m)	62
F13	12 Nov 2020	Arrive Time	916
F13	12 Nov 2020	Depart Time	925
F13	12 Nov 2020	Air Temp (C)	15
F13	12 Nov 2020	Weather	Clear
F13	12 Nov 2020	Visibility (mi)	15
F13	12 Nov 2020	Wind Speed (kts)	0
F13	12 Nov 2020	Wind Dir	
F13	12 Nov 2020	Water Color	Greenish-Blue
F13	12 Nov 2020	Wave Ht Low (ft)	2
F13	12 Nov 2020	Wave Period (sec)	13
F13	12 Nov 2020	Sea State	Calm
F13	12 Nov 2020	High Tide (ft)	6.33
F13	12 Nov 2020	High Tide Time	2106
F13	12 Nov 2020	Low Tide (ft)	-0.71
F13	12 Nov 2020	Low Tide Time	405
F13	12 Nov 2020	Comments	none
F14	12 Nov 2020	Depth (m)	60
F14	12 Nov 2020	Arrive Time	900
F14	12 Nov 2020	Depart Time	913
F14	12 Nov 2020	Air Temp (C)	14
F14	12 Nov 2020	Weather	Clear

Station	Date	Parameter	Value
F14	12 Nov 2020	Visibility (mi)	15
F14	12 Nov 2020	Wind Speed (kts)	6
F14	12 Nov 2020	Wind Dir	W
F14	12 Nov 2020	Water Color	Greenish-Blue
F14	12 Nov 2020	Wave Ht Low (ft)	2
F14	12 Nov 2020	Wave Period (sec)	13
F14	12 Nov 2020	Sea State	Calm
F14	12 Nov 2020	High Tide (ft)	6.33
F14	12 Nov 2020	High Tide Time	2106
F14	12 Nov 2020	Low Tide (ft)	-0.71
F14	12 Nov 2020	Low Tide Time	405
F14	12 Nov 2020	Comments	none
F15	13 Nov 2020	Depth (m)	82
F15	13 Nov 2020	Arrive Time	1154
F15	13 Nov 2020	Depart Time	1205
F15	13 Nov 2020	Air Temp (C)	16
F15	13 Nov 2020	Weather	Clear
F15	13 Nov 2020	Visibility (mi)	6
F15	13 Nov 2020	Wind Speed (kts)	3
F15	13 Nov 2020	Wind Dir	W
F15	13 Nov 2020	Water Color	Green
F15	13 Nov 2020	Wave Ht Low (ft)	3
F15	13 Nov 2020	Wave Period (sec)	9
F15	13 Nov 2020	Sea State	Calm
F15	13 Nov 2020	High Tide (ft)	6.32
F15	13 Nov 2020	High Tide Time	703
F15	13 Nov 2020	Low Tide (ft)	-0.53
F15	13 Nov 2020	Low Tide Time	1344
F15	13 Nov 2020	Comments	none
F16	13 Nov 2020	Depth (m)	82
F16	13 Nov 2020	Arrive Time	1140
F16	13 Nov 2020	Depart Time	1146
F16	13 Nov 2020	Air Temp (C)	16
F16	13 Nov 2020	Weather	Clear
F16	13 Nov 2020	Visibility (mi)	6
F16	13 Nov 2020	Wind Speed (kts)	3
F16	13 Nov 2020	Wind Dir	W
F16	13 Nov 2020	Water Color	Green
F16	13 Nov 2020	Wave Ht Low (ft)	3
F16	13 Nov 2020	Wave Period (sec)	9
F16	13 Nov 2020	Sea State	Calm
F16	13 Nov 2020	High Tide (ft)	6.32
F16	13 Nov 2020	High Tide Time	703
F16	13 Nov 2020	Low Tide (ft)	-0.53
F16	13 Nov 2020	Low Tide Time	1344
F16	13 Nov 2020	Comments	none
F17	13 Nov 2020	Depth (m)	82
F17	13 Nov 2020	Arrive Time	1119
F17	13 Nov 2020	Depart Time	1132
F17	13 Nov 2020	Air Temp (C)	16
F17	13 Nov 2020	Weather	Clear
F17	13 Nov 2020	Visibility (mi)	6
F17	13 Nov 2020	Wind Speed (kts)	2
F17	13 Nov 2020	Wind Dir	NW
F17	13 Nov 2020	Water Color	Green
F17	13 Nov 2020	Wave Ht Low (ft)	3
F17	13 Nov 2020	Wave Period (sec)	9
F17	13 Nov 2020	Sea State	Calm

Station	Date	Parameter	Value
F17	13 Nov 2020	High Tide (ft)	6.32
F17	13 Nov 2020	High Tide Time	703
F17	13 Nov 2020	Low Tide (ft)	-0.53
F17	13 Nov 2020	Low Tide Time	1344
F17	13 Nov 2020	Comments	none
F18	13 Nov 2020	Depth (m)	83
F18	13 Nov 2020	Arrive Time	1104
F18	13 Nov 2020	Depart Time	1111
F18	13 Nov 2020	Air Temp (C)	16
F18	13 Nov 2020	Weather	Clear
F18	13 Nov 2020	Visibility (mi)	6
F18	13 Nov 2020	Wind Speed (kts)	2
F18	13 Nov 2020	Wind Dir	W
F18	13 Nov 2020	Water Color	Green
F18	13 Nov 2020	Wave Ht Low (ft)	3
F18	13 Nov 2020	Wave Period (sec)	9
F18	13 Nov 2020	Sea State	Calm
F18	13 Nov 2020	High Tide (ft)	6.32
F18	13 Nov 2020	High Tide Time	703
F18	13 Nov 2020	Low Tide (ft)	-0.53
F18	13 Nov 2020	Low Tide Time	1344
F18	13 Nov 2020	Comments	none
F19	13 Nov 2020	Depth (m)	80
F19	13 Nov 2020	Arrive Time	1048
F19	13 Nov 2020	Depart Time	1059
F19	13 Nov 2020	Air Temp (C)	16
F19	13 Nov 2020	Weather	Clear
F19	13 Nov 2020	Visibility (mi)	6
F19	13 Nov 2020	Wind Speed (kts)	3
F19	13 Nov 2020	Wind Dir	W
F19	13 Nov 2020	Water Color	Green
F19	13 Nov 2020	Wave Ht Low (ft)	3
F19	13 Nov 2020	Wave Period (sec)	9
F19	13 Nov 2020	Sea State	Calm
F19	13 Nov 2020	High Tide (ft)	6.32
F19	13 Nov 2020	High Tide Time	703
F19	13 Nov 2020	Low Tide (ft)	-0.53
F19	13 Nov 2020	Low Tide Time	1344
F19	13 Nov 2020	Comments	none
F20	13 Nov 2020	Depth (m)	83
F20	13 Nov 2020	Arrive Time	1031
F20	13 Nov 2020	Depart Time	1039
F20	13 Nov 2020	Air Temp (C)	16
F20	13 Nov 2020	Weather	Clear
F20	13 Nov 2020	Visibility (mi)	6
F20	13 Nov 2020	Wind Speed (kts)	2
F20	13 Nov 2020	Wind Dir	NW
F20	13 Nov 2020	Water Color	Green
F20	13 Nov 2020	Wave Ht Low (ft)	3
F20	13 Nov 2020	Wave Period (sec)	9
F20	13 Nov 2020	Sea State	Calm
F20	13 Nov 2020	High Tide (ft)	6.32
F20	13 Nov 2020	High Tide Time	703
F20	13 Nov 2020	Low Tide (ft)	-0.53
F20	13 Nov 2020	Low Tide Time	1344
F20	13 Nov 2020	Comments	none
F21	13 Nov 2020	Depth (m)	84

Station	Date	Parameter	Value
F21	13 Nov 2020	Arrive Time	1015
F21	13 Nov 2020	Depart Time	1022
F21	13 Nov 2020	Air Temp (C)	16
F21	13 Nov 2020	Weather	Clear
F21	13 Nov 2020	Visibility (mi)	6
F21	13 Nov 2020	Wind Speed (kts)	0
F21	13 Nov 2020	Wind Dir	
F21	13 Nov 2020	Water Color	Green
F21	13 Nov 2020	Wave Ht Low (ft)	3
F21	13 Nov 2020	Wave Period (sec)	9
F21	13 Nov 2020	Sea State	Calm
F21	13 Nov 2020	High Tide (ft)	6.32
F21	13 Nov 2020	High Tide Time	703
F21	13 Nov 2020	Low Tide (ft)	-0.53
F21	13 Nov 2020	Low Tide Time	1344
F21	13 Nov 2020	Comments	none
F22	13 Nov 2020	Depth (m)	82
F22	13 Nov 2020	Arrive Time	958
F22	13 Nov 2020	Depart Time	1008
F22	13 Nov 2020	Air Temp (C)	15
F22	13 Nov 2020	Weather	Clear
F22	13 Nov 2020	Visibility (mi)	6
F22	13 Nov 2020	Wind Speed (kts)	4
F22	13 Nov 2020	Wind Dir	SE
F22	13 Nov 2020	Water Color	Green
F22	13 Nov 2020	Wave Ht Low (ft)	3
F22	13 Nov 2020	Wave Period (sec)	9
F22	13 Nov 2020	Sea State	Calm
F22	13 Nov 2020	High Tide (ft)	6.32
F22	13 Nov 2020	High Tide Time	703
F22	13 Nov 2020	Low Tide (ft)	-0.53
F22	13 Nov 2020	Low Tide Time	1344
F22	13 Nov 2020	Comments	none
F24	13 Nov 2020	Depth (m)	84
F24	13 Nov 2020	Arrive Time	925
F24	13 Nov 2020	Depart Time	935
F24	13 Nov 2020	Air Temp (C)	15
F24	13 Nov 2020	Weather	Clear
F24	13 Nov 2020	Visibility (mi)	6
F24	13 Nov 2020	Wind Speed (kts)	4
F24	13 Nov 2020	Wind Dir	SE
F24	13 Nov 2020	Water Color	Green
F24	13 Nov 2020	Wave Ht Low (ft)	3
F24	13 Nov 2020	Wave Period (sec)	9
F24	13 Nov 2020	Sea State	Calm
F24	13 Nov 2020	High Tide (ft)	6.32
F24	13 Nov 2020	High Tide Time	703
F24	13 Nov 2020	Low Tide (ft)	-0.53
F24	13 Nov 2020	Low Tide Time	1344
F24	13 Nov 2020	Comments	none
F25	13 Nov 2020	Depth (m)	82
F25	13 Nov 2020	Arrive Time	905
F25	13 Nov 2020	Depart Time	916
F25	13 Nov 2020	Air Temp (C)	14
F25	13 Nov 2020	Weather	Clear
F25	13 Nov 2020	Visibility (mi)	6
F25	13 Nov 2020	Wind Speed (kts)	3
F25	13 Nov 2020	Wind Dir	E

Station	Date	Parameter	Value
F25	13 Nov 2020	Water Color	Green
F25	13 Nov 2020	Wave Ht Low (ft)	3
F25	13 Nov 2020	Wave Period (sec)	9
F25	13 Nov 2020	Sea State	Calm
F25	13 Nov 2020	High Tide (ft)	6.32
F25	13 Nov 2020	High Tide Time	703
F25	13 Nov 2020	Low Tide (ft)	-0.53
F25	13 Nov 2020	Low Tide Time	1344
F25	13 Nov 2020	Comments	none
F26	10 Nov 2020	Depth (m)	101
F26	10 Nov 2020	Arrive Time	1157
F26	10 Nov 2020	Depart Time	1202
F26	10 Nov 2020	Air Temp (C)	16
F26	10 Nov 2020	Weather	Clear
F26	10 Nov 2020	Visibility (mi)	15
F26	10 Nov 2020	Wind Speed (kts)	5
F26	10 Nov 2020	Wind Dir	N
F26	10 Nov 2020	Water Color	Green
F26	10 Nov 2020	Wave Ht Low (ft)	3
F26	10 Nov 2020	Wave Period (sec)	7
F26	10 Nov 2020	Sea State	Heavy chop
F26	10 Nov 2020	High Tide (ft)	6.33
F26	10 Nov 2020	High Tide Time	2106
F26	10 Nov 2020	Low Tide (ft)	-0.71
F26	10 Nov 2020	Low Tide Time	405
F26	10 Nov 2020	Comments	none
F27	10 Nov 2020	Depth (m)	101
F27	10 Nov 2020	Arrive Time	1145
F27	10 Nov 2020	Depart Time	1156
F27	10 Nov 2020	Air Temp (C)	15
F27	10 Nov 2020	Weather	Clear
F27	10 Nov 2020	Visibility (mi)	20
F27	10 Nov 2020	Wind Speed (kts)	7
F27	10 Nov 2020	Wind Dir	N
F27	10 Nov 2020	Water Color	Green
F27	10 Nov 2020	Wave Ht Low (ft)	3
F27	10 Nov 2020	Wave Period (sec)	7
F27	10 Nov 2020	Sea State	Light chop
F27	10 Nov 2020	High Tide (ft)	6.33
F27	10 Nov 2020	High Tide Time	2106
F27	10 Nov 2020	Low Tide (ft)	-0.71
F27	10 Nov 2020	Low Tide Time	405
F27	10 Nov 2020	Comments	none
F28	10 Nov 2020	Depth (m)	101
F28	10 Nov 2020	Arrive Time	1130
F28	10 Nov 2020	Depart Time	1141
F28	10 Nov 2020	Air Temp (C)	14
F28	10 Nov 2020	Weather	Clear
F28	10 Nov 2020	Visibility (mi)	20
F28	10 Nov 2020	Wind Speed (kts)	7
F28	10 Nov 2020	Wind Dir	NW
F28	10 Nov 2020	Water Color	Green
F28	10 Nov 2020	Wave Ht Low (ft)	3
F28	10 Nov 2020	Wave Period (sec)	7
F28	10 Nov 2020	Sea State	Light chop
F28	10 Nov 2020	High Tide (ft)	6.33
F28	10 Nov 2020	High Tide Time	2106
F28	10 Nov 2020	Low Tide (ft)	-0.71

Station	Date	Parameter	Value
F28	10 Nov 2020	Low Tide Time	405
F28	10 Nov 2020	Comments	none
F29	10 Nov 2020	Depth (m)	101
F29	10 Nov 2020	Arrive Time	1115
F29	10 Nov 2020	Depart Time	1124
F29	10 Nov 2020	Air Temp (C)	14
F29	10 Nov 2020	Weather	Clear
F29	10 Nov 2020	Visibility (mi)	20
F29	10 Nov 2020	Wind Speed (kts)	10
F29	10 Nov 2020	Wind Dir	NW
F29	10 Nov 2020	Water Color	Green
F29	10 Nov 2020	Wave Ht Low (ft)	2
F29	10 Nov 2020	Wave Period (sec)	7
F29	10 Nov 2020	Sea State	Calm
F29	10 Nov 2020	High Tide (ft)	6.33
F29	10 Nov 2020	High Tide Time	2106
F29	10 Nov 2020	Low Tide (ft)	-0.71
F29	10 Nov 2020	Low Tide Time	405
F29	10 Nov 2020	Comments	none
F30	10 Nov 2020	Depth (m)	99
F30	10 Nov 2020	Arrive Time	1058
F30	10 Nov 2020	Depart Time	1108
F30	10 Nov 2020	Air Temp (C)	14
F30	10 Nov 2020	Weather	Clear
F30	10 Nov 2020	Visibility (mi)	20
F30	10 Nov 2020	Wind Speed (kts)	9
F30	10 Nov 2020	Wind Dir	NW
F30	10 Nov 2020	Water Color	Green
F30	10 Nov 2020	Wave Ht Low (ft)	2
F30	10 Nov 2020	Wave Period (sec)	7
F30	10 Nov 2020	Sea State	Calm
F30	10 Nov 2020	High Tide (ft)	6.33
F30	10 Nov 2020	High Tide Time	2106
F30	10 Nov 2020	Low Tide (ft)	-0.71
F30	10 Nov 2020	Low Tide Time	405
F30	10 Nov 2020	Comments	none
F31	10 Nov 2020	Depth (m)	100
F31	10 Nov 2020	Arrive Time	1043
F31	10 Nov 2020	Depart Time	1052
F31	10 Nov 2020	Air Temp (C)	15
F31	10 Nov 2020	Weather	Clear
F31	10 Nov 2020	Visibility (mi)	20
F31	10 Nov 2020	Wind Speed (kts)	4
F31	10 Nov 2020	Wind Dir	W
F31	10 Nov 2020	Water Color	Green
F31	10 Nov 2020	Wave Ht Low (ft)	2
F31	10 Nov 2020	Wave Period (sec)	7
F31	10 Nov 2020	Sea State	Calm
F31	10 Nov 2020	High Tide (ft)	6.33
F31	10 Nov 2020	High Tide Time	2106
F31	10 Nov 2020	Low Tide (ft)	-0.71
F31	10 Nov 2020	Low Tide Time	405
F31	10 Nov 2020	Comments	none
F32	10 Nov 2020	Depth (m)	102
F32	10 Nov 2020	Arrive Time	1029
F32	10 Nov 2020	Depart Time	1038
F32	10 Nov 2020	Air Temp (C)	14

Station	Date	Parameter	Value
F32	10 Nov 2020	Weather	Clear
F32	10 Nov 2020	Visibility (mi)	20
F32	10 Nov 2020	Wind Speed (kts)	1
F32	10 Nov 2020	Wind Dir	NW
F32	10 Nov 2020	Water Color	Green
F32	10 Nov 2020	Wave Ht Low (ft)	2
F32	10 Nov 2020	Wave Period (sec)	7
F32	10 Nov 2020	Sea State	Calm
F32	10 Nov 2020	High Tide (ft)	6.33
F32	10 Nov 2020	High Tide Time	2106
F32	10 Nov 2020	Low Tide (ft)	-0.71
F32	10 Nov 2020	Low Tide Time	405
F32	10 Nov 2020	Comments	none
F33	10 Nov 2020	Depth (m)	102
F33	10 Nov 2020	Arrive Time	1013
F33	10 Nov 2020	Depart Time	1023
F33	10 Nov 2020	Air Temp (C)	14
F33	10 Nov 2020	Weather	Clear
F33	10 Nov 2020	Visibility (mi)	20
F33	10 Nov 2020	Wind Speed (kts)	6
F33	10 Nov 2020	Wind Dir	S
F33	10 Nov 2020	Water Color	Green
F33	10 Nov 2020	Wave Ht Low (ft)	2
F33	10 Nov 2020	Wave Period (sec)	7
F33	10 Nov 2020	Sea State	Calm
F33	10 Nov 2020	High Tide (ft)	6.33
F33	10 Nov 2020	High Tide Time	2106
F33	10 Nov 2020	Low Tide (ft)	-0.71
F33	10 Nov 2020	Low Tide Time	405
F33	10 Nov 2020	Comments	none
F34	10 Nov 2020	Depth (m)	102
F34	10 Nov 2020	Arrive Time	958
F34	10 Nov 2020	Depart Time	1007
F34	10 Nov 2020	Air Temp (C)	14
F34	10 Nov 2020	Weather	Clear
F34	10 Nov 2020	Visibility (mi)	20
F34	10 Nov 2020	Wind Speed (kts)	0
F34	10 Nov 2020	Wind Dir	
F34	10 Nov 2020	Water Color	Green
F34	10 Nov 2020	Wave Ht Low (ft)	2
F34	10 Nov 2020	Wave Period (sec)	7
F34	10 Nov 2020	Sea State	Calm
F34	10 Nov 2020	High Tide (ft)	6.33
F34	10 Nov 2020	High Tide Time	2106
F34	10 Nov 2020	Low Tide (ft)	-0.71
F34	10 Nov 2020	Low Tide Time	405
F34	10 Nov 2020	Comments	none
F35	10 Nov 2020	Depth (m)	101
F35	10 Nov 2020	Arrive Time	927
F35	10 Nov 2020	Depart Time	954
F35	10 Nov 2020	Air Temp (C)	14
F35	10 Nov 2020	Weather	Clear
F35	10 Nov 2020	Visibility (mi)	20
F35	10 Nov 2020	Wind Speed (kts)	4
F35	10 Nov 2020	Wind Dir	N
F35	10 Nov 2020	Water Color	Green
F35	10 Nov 2020	Wave Ht Low (ft)	2
F35	10 Nov 2020	Wave Period (sec)	7

Station	Date	Parameter	Value
F35	10 Nov 2020	Sea State	Calm
F35	10 Nov 2020	High Tide (ft)	6.33
F35	10 Nov 2020	High Tide Time	2106
F35	10 Nov 2020	Low Tide (ft)	-0.71
F35	10 Nov 2020	Low Tide Time	405
F35	10 Nov 2020	Comments	none
F36	10 Nov 2020	Depth (m)	101
F36	10 Nov 2020	Arrive Time	904
F36	10 Nov 2020	Depart Time	913
F36	10 Nov 2020	Air Temp (C)	14
F36	10 Nov 2020	Weather	Clear
F36	10 Nov 2020	Visibility (mi)	20
F36	10 Nov 2020	Wind Speed (kts)	10
F36	10 Nov 2020	Wind Dir	NW
F36	10 Nov 2020	Water Color	Green
F36	10 Nov 2020	Wave Ht Low (ft)	2
F36	10 Nov 2020	Wave Period (sec)	7
F36	10 Nov 2020	Sea State	Calm
F36	10 Nov 2020	High Tide (ft)	6.33
F36	10 Nov 2020	High Tide Time	2106
F36	10 Nov 2020	Low Tide (ft)	-0.71
F36	10 Nov 2020	Low Tide Time	405
F36	10 Nov 2020	Comments	none

Table 4.4

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

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ($\sigma-t$)	Chlor ($\mu\text{g/L}$)
F01	12 Nov 2020	1	15.90	76.08	7.5	33.58	8.1	24.7	1.76
F01	12 Nov 2020	2	15.90	78.29	7.5	33.58	8.1	24.7	1.79
F01	12 Nov 2020	3	15.88	78.18	7.4	33.58	8.1	24.7	2.17
F01	12 Nov 2020	4	15.80	77.77	7.5	33.58	8.1	24.7	3.05
F01	12 Nov 2020	5	15.72	77.39	7.4	33.59	8.1	24.7	3.92
F01	12 Nov 2020	6	15.61	76.93	7.4	33.58	8.1	24.7	4.58
F01	12 Nov 2020	7	15.57	77.07	7.4	33.58	8.1	24.8	4.75
F01	12 Nov 2020	8	15.48	77.32	7.3	33.58	8.1	24.8	4.60
F01	12 Nov 2020	9	15.46	78.01	7.2	33.58	8.1	24.8	4.45
F01	12 Nov 2020	10	15.45	77.93	7.1	33.58	8.1	24.8	4.28
F01	12 Nov 2020	11	15.45	77.94	7.0	33.58	8.1	24.8	4.34
F01	12 Nov 2020	12	15.45	77.90	7.0	33.58	8.1	24.8	4.29
F01	12 Nov 2020	13	15.45	77.75	7.0	33.58	8.1	24.8	4.23
F01	12 Nov 2020	14	15.42	77.92	6.9	33.58	8.1	24.8	3.74
F01	12 Nov 2020	15	15.23	78.12	6.6	33.59	8.1	24.8	2.90
F01	12 Nov 2020	16	14.73	80.41	6.3	33.59	8.1	24.9	2.26
F01	12 Nov 2020	17	13.85	83.28	6.0	33.59	8.0	25.1	1.67
F01	12 Nov 2020	18	12.95	85.37	5.9	33.58	8.0	25.3	1.11
F01	12 Nov 2020	19	13.44	90.42	5.9	33.53	8.0	25.2	1.06
F02	12 Nov 2020	1	15.64	79.85	7.2	33.57	8.1	24.7	2.54
F02	12 Nov 2020	2	15.64	79.88	7.3	33.57	8.1	24.7	2.73
F02	12 Nov 2020	3	15.63	79.52	7.2	33.57	8.1	24.7	3.33
F02	12 Nov 2020	4	15.57	78.63	7.2	33.57	8.1	24.7	3.89
F02	12 Nov 2020	5	15.52	78.35	7.1	33.57	8.1	24.8	4.18
F02	12 Nov 2020	6	15.43	78.84	6.9	33.56	8.1	24.8	3.78
F02	12 Nov 2020	7	15.01	79.29	6.6	33.55	8.1	24.9	2.79
F02	12 Nov 2020	8	14.49	80.94	6.4	33.54	8.0	25.0	2.09
F02	12 Nov 2020	9	14.24	84.29	6.3	33.53	8.0	25.0	1.75
F02	12 Nov 2020	10	14.09	85.76	6.2	33.52	8.0	25.0	1.53
F02	12 Nov 2020	11	14.02	87.71	6.1	33.52	8.0	25.0	1.35
F02	12 Nov 2020	12	13.92	88.53	6.0	33.52	8.0	25.1	1.21
F02	12 Nov 2020	13	13.66	88.69	5.9	33.53	8.0	25.1	1.08
F02	12 Nov 2020	14	13.42	89.07	5.8	33.53	8.0	25.2	1.00
F02	12 Nov 2020	15	13.37	89.20	5.8	33.52	8.0	25.2	0.86
F02	12 Nov 2020	16	13.33	89.45	5.8	33.52	8.0	25.2	0.82
F02	12 Nov 2020	17	13.30	89.58	5.8	33.53	8.0	25.2	0.77
F02	12 Nov 2020	18	13.29	89.74	5.8	33.53	8.0	25.2	0.78
F02	12 Nov 2020	19	13.27	89.78	5.8	33.53	8.0	25.2	0.74
F02	12 Nov 2020	20	13.26	89.52	5.8	33.53	8.0	25.2	0.74
F02	12 Nov 2020	21	13.29	88.91	5.7	33.53	8.0	25.2	0.76
F03	12 Nov 2020	1	15.83	80.14	7.3	33.58	8.1	24.7	2.25
F03	12 Nov 2020	2	15.81	80.09	7.3	33.57	8.1	24.7	2.32
F03	12 Nov 2020	3	15.56	80.02	7.1	33.57	8.1	24.7	2.43
F03	12 Nov 2020	4	15.18	80.73	6.8	33.55	8.1	24.8	2.14
F03	12 Nov 2020	5	15.06	81.91	6.7	33.55	8.1	24.8	2.02
F03	12 Nov 2020	6	15.01	82.59	6.6	33.54	8.0	24.8	1.92
F03	12 Nov 2020	7	14.67	83.09	6.5	33.54	8.0	24.9	1.72
F03	12 Nov 2020	8	14.42	83.14	6.3	33.53	8.0	25.0	1.54
F03	12 Nov 2020	9	14.28	83.59	6.2	33.53	8.0	25.0	1.54
F03	12 Nov 2020	10	14.01	84.73	6.2	33.53	8.0	25.0	1.46
F03	12 Nov 2020	11	13.73	86.04	6.1	33.52	8.0	25.1	1.35
F03	12 Nov 2020	12	13.55	87.46	6.0	33.52	8.0	25.1	1.18
F03	12 Nov 2020	13	13.52	89.42	6.0	33.52	8.0	25.1	1.11
F03	12 Nov 2020	14	13.47	90.12	5.9	33.52	8.0	25.1	1.03

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F03	12 Nov 2020	15	13.31	90.28	5.9	33.52	8.0	25.2	0.90
F03	12 Nov 2020	16	13.25	90.47	5.8	33.53	8.0	25.2	0.86
F03	12 Nov 2020	17	13.24	90.37	5.8	33.53	8.0	25.2	0.81
F03	12 Nov 2020	18	13.24	90.11	5.8	33.53	8.0	25.2	0.82
F03	12 Nov 2020	19	13.24	90.01	5.8	33.53	8.0	25.2	0.83
F03	12 Nov 2020	20	13.25	89.65	5.8	33.53	8.0	25.2	0.82
F04	12 Nov 2020	1	16.70	90.75	7.5	33.57	8.2	24.5	0.40
F04	12 Nov 2020	2	16.60	90.70	7.5	33.57	8.2	24.5	0.42
F04	12 Nov 2020	3	16.51	90.48	7.5	33.56	8.2	24.5	0.46
F04	12 Nov 2020	4	16.46	90.25	7.5	33.56	8.2	24.5	0.52
F04	12 Nov 2020	5	16.45	90.14	7.5	33.56	8.2	24.5	0.58
F04	12 Nov 2020	6	16.43	90.03	7.5	33.56	8.2	24.5	0.65
F04	12 Nov 2020	7	16.42	89.86	7.4	33.56	8.2	24.5	0.71
F04	12 Nov 2020	8	16.40	89.95	7.4	33.56	8.2	24.5	0.79
F04	12 Nov 2020	9	16.39	89.91	7.4	33.56	8.2	24.5	0.87
F04	12 Nov 2020	10	16.37	89.92	7.4	33.56	8.2	24.6	0.94
F04	12 Nov 2020	11	16.35	89.98	7.4	33.55	8.2	24.6	1.05
F04	12 Nov 2020	12	16.31	89.86	7.3	33.55	8.2	24.6	1.19
F04	12 Nov 2020	13	16.24	89.69	7.3	33.55	8.2	24.6	1.38
F04	12 Nov 2020	14	16.14	89.59	7.2	33.55	8.1	24.6	1.52
F04	12 Nov 2020	15	16.08	89.41	7.2	33.54	8.1	24.6	1.66
F04	12 Nov 2020	16	15.94	89.40	7.2	33.54	8.1	24.6	1.82
F04	12 Nov 2020	17	15.81	89.12	7.1	33.53	8.1	24.7	1.97
F04	12 Nov 2020	18	15.68	88.97	7.1	33.52	8.1	24.7	2.03
F04	12 Nov 2020	19	15.57	89.41	7.0	33.52	8.1	24.7	2.10
F04	12 Nov 2020	20	15.30	89.37	6.8	33.52	8.1	24.8	2.13
F04	12 Nov 2020	21	15.12	89.44	6.7	33.51	8.1	24.8	2.11
F04	12 Nov 2020	22	14.77	89.61	6.4	33.52	8.1	24.9	2.01
F04	12 Nov 2020	23	14.02	89.95	6.2	33.51	8.0	25.0	1.78
F04	12 Nov 2020	24	13.93	90.35	6.1	33.49	8.0	25.0	1.63
F04	12 Nov 2020	25	13.90	90.76	6.1	33.49	8.0	25.0	1.68
F04	12 Nov 2020	26	13.80	90.77	6.1	33.49	8.0	25.1	1.56
F04	12 Nov 2020	27	13.73	91.05	6.1	33.49	8.0	25.1	1.48
F04	12 Nov 2020	28	13.71	91.31	6.1	33.49	8.0	25.1	1.42
F04	12 Nov 2020	29	13.70	91.38	6.1	33.49	8.0	25.1	1.42
F04	12 Nov 2020	30	13.65	91.44	6.1	33.49	8.0	25.1	1.37
F04	12 Nov 2020	31	13.62	91.58	6.1	33.49	8.0	25.1	1.32
F04	12 Nov 2020	32	13.60	91.64	6.1	33.49	8.0	25.1	1.28
F04	12 Nov 2020	33	13.42	91.81	6.2	33.49	8.0	25.1	1.20
F04	12 Nov 2020	34	13.31	92.39	6.3	33.48	8.0	25.1	1.18
F04	12 Nov 2020	35	13.13	92.34	6.3	33.49	8.0	25.2	1.08
F04	12 Nov 2020	36	12.99	93.07	6.3	33.49	8.0	25.2	0.95
F04	12 Nov 2020	37	12.99	93.21	6.2	33.49	8.0	25.2	0.91
F04	12 Nov 2020	38	12.99	93.23	6.2	33.49	8.0	25.2	0.91
F04	12 Nov 2020	39	12.99	93.21	6.2	33.49	8.0	25.2	0.90
F04	12 Nov 2020	40	12.99	93.21	6.2	33.49	8.0	25.2	0.90
F04	12 Nov 2020	41	12.98	93.14	6.2	33.50	8.0	25.2	0.87
F04	12 Nov 2020	42	12.94	93.19	6.2	33.51	8.0	25.2	0.86
F04	12 Nov 2020	43	12.87	93.10	6.1	33.52	8.0	25.3	0.82
F04	12 Nov 2020	44	12.81	93.12	6.0	33.53	8.0	25.3	0.76
F04	12 Nov 2020	45	12.74	93.11	6.0	33.54	8.0	25.3	0.73
F04	12 Nov 2020	46	12.71	93.09	6.0	33.54	8.0	25.3	0.69
F04	12 Nov 2020	47	12.70	93.10	5.9	33.54	8.0	25.3	0.69
F04	12 Nov 2020	48	12.64	93.01	5.8	33.55	8.0	25.3	0.65
F04	12 Nov 2020	49	12.59	92.85	5.8	33.56	8.0	25.4	0.61
F04	12 Nov 2020	50	12.58	92.77	5.8	33.56	8.0	25.4	0.59
F04	12 Nov 2020	51	12.57	92.92	5.7	33.56	8.0	25.4	0.58
F04	12 Nov 2020	52	12.48	92.86	5.6	33.58	8.0	25.4	0.53
F04	12 Nov 2020	53	12.39	92.85	5.6	33.59	8.0	25.4	0.48
F04	12 Nov 2020	54	12.37	92.68	5.5	33.60	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)
F04	12 Nov 2020	55	12.36	92.65	5.5	33.60	8.0	25.4	0.41
F04	12 Nov 2020	56	12.36	92.60	5.4	33.60	8.0	25.4	0.41
F04	12 Nov 2020	57	12.35	92.54	5.4	33.60	8.0	25.4	0.40
F04	12 Nov 2020	58	12.34	92.57	5.4	33.60	8.0	25.4	0.41
F04	12 Nov 2020	59	12.34	92.56	5.4	33.60	8.0	25.4	0.42
F04	12 Nov 2020	60	12.34	92.50	5.4	33.60	8.0	25.4	0.40
F04	12 Nov 2020	61	12.34	92.34	5.4	33.60	8.0	25.4	0.40
F05	12 Nov 2020	1	16.70	90.88	7.5	33.57	8.2	24.5	0.39
F05	12 Nov 2020	2	16.64	90.88	7.5	33.57	8.2	24.5	0.40
F05	12 Nov 2020	3	16.54	90.82	7.5	33.56	8.2	24.5	0.44
F05	12 Nov 2020	4	16.49	90.62	7.5	33.56	8.2	24.5	0.46
F05	12 Nov 2020	5	16.46	90.30	7.5	33.56	8.2	24.5	0.53
F05	12 Nov 2020	6	16.48	90.12	7.5	33.56	8.2	24.5	0.54
F05	12 Nov 2020	7	16.41	90.08	7.4	33.56	8.2	24.5	0.64
F05	12 Nov 2020	8	16.38	89.91	7.4	33.56	8.2	24.6	0.73
F05	12 Nov 2020	9	16.33	89.79	7.4	33.55	8.2	24.6	0.87
F05	12 Nov 2020	10	16.28	89.65	7.4	33.55	8.2	24.6	1.03
F05	12 Nov 2020	11	16.22	89.58	7.3	33.55	8.2	24.6	1.17
F05	12 Nov 2020	12	16.17	89.55	7.3	33.55	8.1	24.6	1.32
F05	12 Nov 2020	13	16.14	89.50	7.3	33.54	8.1	24.6	1.40
F05	12 Nov 2020	14	16.08	89.42	7.2	33.54	8.1	24.6	1.57
F05	12 Nov 2020	15	16.02	89.35	7.2	33.54	8.1	24.6	1.70
F05	12 Nov 2020	16	15.93	89.27	7.2	33.53	8.1	24.6	1.87
F05	12 Nov 2020	17	15.87	89.16	7.2	33.53	8.1	24.6	2.02
F05	12 Nov 2020	18	15.83	89.04	7.2	33.53	8.1	24.7	2.09
F05	12 Nov 2020	19	15.77	88.98	7.1	33.53	8.1	24.7	2.04
F05	12 Nov 2020	20	15.71	89.02	7.0	33.53	8.1	24.7	2.14
F05	12 Nov 2020	21	15.44	89.19	6.9	33.53	8.1	24.7	2.17
F05	12 Nov 2020	22	15.03	89.33	6.7	33.51	8.1	24.8	2.25
F05	12 Nov 2020	23	14.86	89.45	6.6	33.50	8.1	24.8	2.22
F05	12 Nov 2020	24	14.52	89.55	6.4	33.50	8.1	24.9	2.06
F05	12 Nov 2020	25	14.16	89.79	6.3	33.50	8.0	25.0	1.95
F05	12 Nov 2020	26	14.10	90.20	6.2	33.49	8.0	25.0	1.86
F05	12 Nov 2020	27	13.81	90.53	6.1	33.49	8.0	25.1	1.71
F05	12 Nov 2020	28	13.76	90.66	6.1	33.49	8.0	25.1	1.58
F05	12 Nov 2020	29	13.75	90.89	6.0	33.49	8.0	25.1	1.59
F05	12 Nov 2020	30	13.63	91.06	6.0	33.50	8.0	25.1	1.39
F05	12 Nov 2020	31	13.60	91.37	6.0	33.50	8.0	25.1	1.30
F05	12 Nov 2020	32	13.58	91.47	6.0	33.50	8.0	25.1	1.27
F05	12 Nov 2020	33	13.56	91.49	6.0	33.50	8.0	25.1	1.27
F05	12 Nov 2020	34	13.53	91.57	6.0	33.50	8.0	25.1	1.20
F05	12 Nov 2020	35	13.51	91.74	6.0	33.50	8.0	25.1	1.18
F05	12 Nov 2020	36	13.48	91.82	6.0	33.50	8.0	25.1	1.14
F05	12 Nov 2020	37	13.47	91.94	6.0	33.50	8.0	25.1	1.12
F05	12 Nov 2020	38	13.44	91.96	6.0	33.51	8.0	25.1	1.07
F05	12 Nov 2020	39	13.32	92.14	6.0	33.50	8.0	25.2	1.03
F05	12 Nov 2020	40	13.27	92.42	6.1	33.50	8.0	25.2	0.99
F05	12 Nov 2020	41	13.25	92.47	6.1	33.50	8.0	25.2	1.01
F05	12 Nov 2020	42	13.23	92.53	6.1	33.50	8.0	25.2	0.99
F05	12 Nov 2020	43	13.20	92.60	6.1	33.50	8.0	25.2	0.96
F05	12 Nov 2020	44	13.11	92.69	6.1	33.51	8.0	25.2	0.93
F05	12 Nov 2020	45	13.01	92.72	6.0	33.51	8.0	25.2	0.87
F05	12 Nov 2020	46	12.96	92.43	6.0	33.52	8.0	25.3	0.79
F05	12 Nov 2020	47	12.95	91.86	5.9	33.53	8.0	25.3	0.77
F05	12 Nov 2020	48	12.95	91.50	5.8	33.53	8.0	25.3	0.74
F05	12 Nov 2020	49	12.94	91.31	5.7	33.54	8.0	25.3	0.71
F05	12 Nov 2020	50	12.85	90.91	5.6	33.56	8.0	25.3	0.67
F05	12 Nov 2020	51	12.67	90.50	5.6	33.57	8.0	25.4	0.59
F05	12 Nov 2020	52	12.62	90.34	5.5	33.58	8.0	25.4	0.53
F05	12 Nov 2020	53	12.52	90.53	5.5	33.58	7.9	25.4	0.51

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F05	12 Nov 2020	54	12.49	90.67	5.4	33.58	7.9	25.4	0.48
F05	12 Nov 2020	55	12.49	90.98	5.5	33.58	7.9	25.4	0.47
F05	12 Nov 2020	56	12.44	91.11	5.4	33.59	7.9	25.4	0.44
F05	12 Nov 2020	57	12.42	91.44	5.4	33.59	7.9	25.4	0.44
F05	12 Nov 2020	58	12.42	91.63	5.4	33.59	7.9	25.4	0.43
F05	12 Nov 2020	59	12.40	91.63	5.4	33.59	7.9	25.4	0.43
F05	12 Nov 2020	60	12.40	91.76	5.4	33.59	7.9	25.4	0.46
F05	12 Nov 2020	61	12.38	88.79	5.4	33.59	7.9	25.4	0.41
F06	12 Nov 2020	1	16.71	89.29	7.5	33.58	8.2	24.5	0.43
F06	12 Nov 2020	2	16.60	89.21	7.5	33.58	8.2	24.5	0.46
F06	12 Nov 2020	3	16.54	89.09	7.5	33.57	8.2	24.5	0.50
F06	12 Nov 2020	4	16.52	88.87	7.4	33.57	8.2	24.5	0.53
F06	12 Nov 2020	5	16.49	88.72	7.4	33.57	8.2	24.5	0.59
F06	12 Nov 2020	6	16.47	88.71	7.4	33.57	8.2	24.5	0.64
F06	12 Nov 2020	7	16.48	88.70	7.4	33.57	8.2	24.5	0.69
F06	12 Nov 2020	8	16.42	88.71	7.4	33.57	8.2	24.6	0.78
F06	12 Nov 2020	9	16.37	88.81	7.4	33.56	8.2	24.6	0.88
F06	12 Nov 2020	10	16.35	88.83	7.4	33.56	8.2	24.6	1.00
F06	12 Nov 2020	11	16.33	88.81	7.4	33.56	8.2	24.6	1.07
F06	12 Nov 2020	12	16.34	88.86	7.4	33.56	8.2	24.6	1.15
F06	12 Nov 2020	13	16.28	88.81	7.4	33.56	8.2	24.6	1.23
F06	12 Nov 2020	14	16.25	88.90	7.4	33.55	8.2	24.6	1.35
F06	12 Nov 2020	15	16.23	88.78	7.3	33.55	8.1	24.6	1.49
F06	12 Nov 2020	16	16.17	88.88	7.3	33.55	8.1	24.6	1.57
F06	12 Nov 2020	17	16.13	88.89	7.3	33.55	8.1	24.6	1.72
F06	12 Nov 2020	18	16.06	88.75	7.3	33.55	8.1	24.6	1.79
F06	12 Nov 2020	19	16.01	88.71	7.2	33.54	8.1	24.6	1.83
F06	12 Nov 2020	20	15.93	88.94	7.2	33.54	8.1	24.6	1.87
F06	12 Nov 2020	21	15.81	89.02	7.2	33.53	8.1	24.7	2.02
F06	12 Nov 2020	22	15.78	89.12	7.1	33.53	8.1	24.7	2.08
F06	12 Nov 2020	23	15.46	89.28	6.9	33.52	8.1	24.7	2.17
F06	12 Nov 2020	24	15.06	89.14	6.8	33.52	8.1	24.8	2.19
F06	12 Nov 2020	25	14.72	89.36	6.6	33.50	8.1	24.9	2.20
F06	12 Nov 2020	26	14.58	89.47	6.5	33.49	8.1	24.9	2.20
F06	12 Nov 2020	27	14.43	89.49	6.5	33.49	8.0	24.9	2.15
F06	12 Nov 2020	28	14.13	89.61	6.4	33.49	8.0	25.0	2.07
F06	12 Nov 2020	29	13.91	89.88	6.3	33.49	8.0	25.0	1.89
F06	12 Nov 2020	30	13.77	90.39	6.2	33.49	8.0	25.1	1.72
F06	12 Nov 2020	31	13.86	90.54	6.2	33.49	8.0	25.1	1.68
F06	12 Nov 2020	32	13.69	90.73	6.1	33.50	8.0	25.1	1.54
F06	12 Nov 2020	33	13.56	90.89	6.1	33.51	8.0	25.1	1.38
F06	12 Nov 2020	34	13.53	91.20	6.0	33.50	8.0	25.1	1.30
F06	12 Nov 2020	35	13.52	91.25	6.0	33.51	8.0	25.1	1.26
F06	12 Nov 2020	36	13.49	91.39	6.0	33.51	8.0	25.1	1.23
F06	12 Nov 2020	37	13.49	91.47	6.0	33.51	8.0	25.1	1.21
F06	12 Nov 2020	38	13.41	91.49	6.0	33.51	8.0	25.2	1.11
F06	12 Nov 2020	39	13.40	91.70	6.0	33.51	8.0	25.2	1.07
F06	12 Nov 2020	40	13.34	91.79	5.9	33.52	8.0	25.2	1.06
F06	12 Nov 2020	41	13.30	91.86	5.9	33.52	8.0	25.2	0.97
F06	12 Nov 2020	42	13.25	91.85	5.9	33.52	8.0	25.2	0.92
F06	12 Nov 2020	43	13.15	91.91	5.9	33.52	8.0	25.2	0.84
F06	12 Nov 2020	44	13.15	92.15	5.9	33.52	8.0	25.2	0.82
F06	12 Nov 2020	45	13.12	92.23	5.9	33.52	8.0	25.2	0.80
F06	12 Nov 2020	46	13.10	92.36	6.0	33.52	8.0	25.2	0.81
F06	12 Nov 2020	47	13.04	92.80	6.0	33.52	8.0	25.2	0.78
F06	12 Nov 2020	48	12.83	92.89	6.0	33.53	8.0	25.3	0.75
F06	12 Nov 2020	49	12.82	92.48	5.9	33.53	8.0	25.3	0.72
F06	12 Nov 2020	50	12.80	92.45	5.9	33.53	8.0	25.3	0.70
F06	12 Nov 2020	51	12.80	92.44	5.9	33.53	8.0	25.3	0.69
F06	12 Nov 2020	52	12.72	92.17	5.8	33.55	8.0	25.3	0.65

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F06	12 Nov 2020	53	12.61	91.49	5.6	33.56	8.0	25.4	0.57
F06	12 Nov 2020	54	12.60	91.09	5.6	33.56	8.0	25.4	0.54
F06	12 Nov 2020	55	12.56	91.01	5.6	33.57	8.0	25.4	0.50
F06	12 Nov 2020	56	12.54	90.85	5.5	33.57	8.0	25.4	0.49
F06	12 Nov 2020	57	12.53	90.83	5.5	33.57	8.0	25.4	0.49
F06	12 Nov 2020	58	12.52	90.79	5.5	33.57	7.9	25.4	0.47
F06	12 Nov 2020	59	12.52	90.73	5.5	33.58	7.9	25.4	0.46
F06	12 Nov 2020	60	12.50	90.74	5.5	33.58	7.9	25.4	0.46
F06	12 Nov 2020	61	12.50	90.60	5.5	33.58	7.9	25.4	0.45
F07	12 Nov 2020	1	16.67	87.82	7.5	33.58	8.2	24.5	0.49
F07	12 Nov 2020	2	16.59	87.82	7.5	33.58	8.2	24.5	0.52
F07	12 Nov 2020	3	16.47	87.67	7.5	33.58	8.2	24.5	0.56
F07	12 Nov 2020	4	16.44	87.37	7.5	33.57	8.2	24.6	0.63
F07	12 Nov 2020	5	16.42	87.01	7.5	33.57	8.2	24.6	0.72
F07	12 Nov 2020	6	16.40	86.77	7.5	33.57	8.2	24.6	0.82
F07	12 Nov 2020	7	16.38	86.59	7.5	33.57	8.2	24.6	0.91
F07	12 Nov 2020	8	16.35	86.35	7.5	33.57	8.2	24.6	1.02
F07	12 Nov 2020	9	16.30	86.60	7.4	33.57	8.2	24.6	1.15
F07	12 Nov 2020	10	16.25	86.95	7.4	33.56	8.1	24.6	1.25
F07	12 Nov 2020	11	16.22	87.06	7.4	33.56	8.1	24.6	1.39
F07	12 Nov 2020	12	16.19	87.02	7.4	33.56	8.1	24.6	1.49
F07	12 Nov 2020	13	16.14	87.14	7.3	33.56	8.1	24.6	1.57
F07	12 Nov 2020	14	16.09	87.41	7.3	33.55	8.1	24.6	1.68
F07	12 Nov 2020	15	16.04	87.47	7.3	33.55	8.1	24.6	1.80
F07	12 Nov 2020	16	15.99	87.58	7.3	33.55	8.1	24.6	1.84
F07	12 Nov 2020	17	15.95	88.03	7.2	33.54	8.1	24.6	1.86
F07	12 Nov 2020	18	15.93	88.30	7.2	33.54	8.1	24.6	1.90
F07	12 Nov 2020	19	15.90	88.37	7.2	33.54	8.1	24.6	1.93
F07	12 Nov 2020	20	15.88	88.60	7.2	33.54	8.1	24.6	1.96
F07	12 Nov 2020	21	15.82	88.72	7.1	33.53	8.1	24.7	1.96
F07	12 Nov 2020	22	15.77	88.83	7.2	33.53	8.1	24.7	2.07
F07	12 Nov 2020	23	15.77	88.89	7.1	33.53	8.1	24.7	2.10
F07	12 Nov 2020	24	15.65	88.99	7.0	33.53	8.1	24.7	2.05
F07	12 Nov 2020	25	15.40	89.00	6.9	33.52	8.1	24.7	2.01
F07	12 Nov 2020	26	14.72	89.09	6.6	33.52	8.1	24.9	1.97
F07	12 Nov 2020	27	14.44	89.77	6.4	33.49	8.0	24.9	1.95
F07	12 Nov 2020	28	14.40	89.86	6.3	33.49	8.0	24.9	2.00
F07	12 Nov 2020	29	14.08	89.81	6.3	33.49	8.0	25.0	2.02
F07	12 Nov 2020	30	13.89	89.98	6.3	33.48	8.0	25.0	1.94
F07	12 Nov 2020	31	13.84	90.21	6.2	33.49	8.0	25.1	1.87
F07	12 Nov 2020	32	13.72	90.52	6.1	33.49	8.0	25.1	1.73
F07	12 Nov 2020	33	13.71	90.64	6.1	33.49	8.0	25.1	1.75
F07	12 Nov 2020	34	13.71	90.66	6.1	33.49	8.0	25.1	1.80
F07	12 Nov 2020	35	13.70	90.53	6.1	33.49	8.0	25.1	1.73
F07	12 Nov 2020	36	13.70	90.59	6.1	33.49	8.0	25.1	1.73
F07	12 Nov 2020	37	13.68	90.69	6.1	33.50	8.0	25.1	1.71
F07	12 Nov 2020	38	13.67	90.54	6.1	33.50	8.0	25.1	1.70
F07	12 Nov 2020	39	13.65	90.65	6.1	33.50	8.0	25.1	1.65
F07	12 Nov 2020	40	13.63	90.60	6.1	33.50	8.0	25.1	1.57
F07	12 Nov 2020	41	13.61	90.76	6.1	33.50	8.0	25.1	1.53
F07	12 Nov 2020	42	13.60	90.78	6.1	33.50	8.0	25.1	1.48
F07	12 Nov 2020	43	13.58	90.86	6.0	33.51	8.0	25.1	1.46
F07	12 Nov 2020	44	13.56	90.81	6.0	33.51	8.0	25.1	1.38
F07	12 Nov 2020	45	13.53	90.81	6.0	33.51	8.0	25.1	1.33
F07	12 Nov 2020	46	13.45	91.05	5.9	33.52	8.0	25.2	1.18
F07	12 Nov 2020	47	13.40	91.20	5.9	33.53	8.0	25.2	1.07
F07	12 Nov 2020	48	13.35	91.16	5.8	33.53	8.0	25.2	0.99
F07	12 Nov 2020	49	13.35	91.08	5.8	33.53	8.0	25.2	0.93
F07	12 Nov 2020	50	13.27	91.03	5.8	33.54	8.0	25.2	0.90
F07	12 Nov 2020	51	13.20	91.25	5.8	33.54	8.0	25.2	0.84

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F07	12 Nov 2020	52	13.18	91.40	5.8	33.55	8.0	25.2	0.80
F07	12 Nov 2020	53	13.12	91.38	5.8	33.55	8.0	25.2	0.75
F07	12 Nov 2020	54	12.94	91.50	5.8	33.55	8.0	25.3	0.70
F07	12 Nov 2020	55	12.93	91.87	5.7	33.55	8.0	25.3	0.67
F07	12 Nov 2020	56	12.93	91.91	5.7	33.55	8.0	25.3	0.65
F07	12 Nov 2020	57	12.76	91.90	5.7	33.56	8.0	25.3	0.61
F07	12 Nov 2020	58	12.76	91.92	5.7	33.55	8.0	25.3	0.58
F07	12 Nov 2020	59	12.58	91.92	5.6	33.57	8.0	25.4	0.55
F07	12 Nov 2020	60	12.54	91.86	5.6	33.57	8.0	25.4	0.51
F07	12 Nov 2020	61	12.52	91.78	5.6	33.57	8.0	25.4	0.49
F07	12 Nov 2020	62	12.50	91.68	5.5	33.58	8.0	25.4	0.51
F07	12 Nov 2020	63	12.46	91.60	5.5	33.58	7.9	25.4	0.47
F07	12 Nov 2020	64	12.47	91.51	5.5	33.58	7.9	25.4	0.46
F08	12 Nov 2020	1	16.51	87.18	7.5	33.57	8.1	24.5	0.59
F08	12 Nov 2020	2	16.52	87.32	7.5	33.57	8.1	24.5	0.57
F08	12 Nov 2020	3	16.38	87.12	7.5	33.57	8.1	24.6	0.68
F08	12 Nov 2020	4	16.36	86.61	7.5	33.57	8.1	24.6	0.79
F08	12 Nov 2020	5	16.33	86.35	7.5	33.57	8.1	24.6	0.87
F08	12 Nov 2020	6	16.31	86.14	7.5	33.57	8.1	24.6	1.02
F08	12 Nov 2020	7	16.29	85.91	7.5	33.57	8.1	24.6	1.19
F08	12 Nov 2020	8	16.28	85.78	7.5	33.57	8.1	24.6	1.34
F08	12 Nov 2020	9	16.27	85.48	7.5	33.57	8.1	24.6	1.48
F08	12 Nov 2020	10	16.26	85.49	7.5	33.57	8.1	24.6	1.65
F08	12 Nov 2020	11	16.25	85.56	7.5	33.57	8.1	24.6	1.76
F08	12 Nov 2020	12	16.24	85.34	7.5	33.57	8.1	24.6	1.85
F08	12 Nov 2020	13	16.21	85.25	7.5	33.57	8.1	24.6	1.99
F08	12 Nov 2020	14	16.17	85.14	7.5	33.57	8.1	24.6	2.06
F08	12 Nov 2020	15	16.05	85.43	7.4	33.56	8.1	24.6	2.05
F08	12 Nov 2020	16	15.94	85.88	7.3	33.55	8.1	24.6	2.07
F08	12 Nov 2020	17	15.77	86.48	7.2	33.54	8.1	24.7	2.04
F08	12 Nov 2020	18	15.45	87.16	7.1	33.53	8.1	24.7	2.03
F08	12 Nov 2020	19	15.30	88.14	7.0	33.51	8.1	24.8	2.09
F08	12 Nov 2020	20	15.20	88.89	6.9	33.51	8.1	24.8	2.19
F08	12 Nov 2020	21	15.01	89.35	6.8	33.50	8.1	24.8	2.18
F08	12 Nov 2020	22	14.69	89.36	6.7	33.50	8.1	24.9	2.11
F08	12 Nov 2020	23	14.53	89.48	6.6	33.49	8.0	24.9	2.03
F08	12 Nov 2020	24	14.48	89.63	6.6	33.49	8.0	24.9	2.08
F08	12 Nov 2020	25	14.43	89.71	6.6	33.48	8.0	24.9	2.13
F08	12 Nov 2020	26	14.35	89.63	6.6	33.48	8.0	24.9	2.27
F08	12 Nov 2020	27	14.07	89.48	6.5	33.48	8.0	25.0	2.41
F08	12 Nov 2020	28	13.79	89.24	6.4	33.48	8.0	25.1	2.34
F08	12 Nov 2020	29	13.77	89.60	6.4	33.48	8.0	25.1	2.28
F08	12 Nov 2020	30	13.77	89.80	6.4	33.47	8.0	25.1	2.23
F08	12 Nov 2020	31	13.75	89.85	6.4	33.48	8.0	25.1	2.22
F08	12 Nov 2020	32	13.73	89.87	6.3	33.48	8.0	25.1	2.20
F08	12 Nov 2020	33	13.70	89.90	6.3	33.48	8.0	25.1	2.12
F08	12 Nov 2020	34	13.66	90.11	6.2	33.49	8.0	25.1	2.05
F08	12 Nov 2020	35	13.63	90.27	6.2	33.49	8.0	25.1	1.83
F08	12 Nov 2020	36	13.53	90.50	6.2	33.50	8.0	25.1	1.63
F08	12 Nov 2020	37	13.51	90.77	6.1	33.50	8.0	25.1	1.52
F08	12 Nov 2020	38	13.44	90.89	6.0	33.51	8.0	25.1	1.38
F08	12 Nov 2020	39	13.39	91.30	6.0	33.51	8.0	25.2	1.20
F08	12 Nov 2020	40	13.37	91.50	6.0	33.51	8.0	25.2	1.13
F08	12 Nov 2020	41	13.30	91.41	5.9	33.52	8.0	25.2	1.06
F08	12 Nov 2020	42	13.25	91.54	5.9	33.52	8.0	25.2	0.96
F08	12 Nov 2020	43	13.20	91.84	5.9	33.53	8.0	25.2	0.90
F08	12 Nov 2020	44	13.14	91.92	5.9	33.53	8.0	25.2	0.84
F08	12 Nov 2020	45	13.12	92.05	5.8	33.53	8.0	25.2	0.76
F08	12 Nov 2020	46	13.09	92.00	5.8	33.53	8.0	25.2	0.75
F08	12 Nov 2020	47	13.04	92.08	5.8	33.54	8.0	25.3	0.71

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ($\sigma\text{-t}$)	Chlor ($\mu\text{g/L}$)
F08	12 Nov 2020	48	12.88	92.16	5.8	33.55	8.0	25.3	0.66
F08	12 Nov 2020	49	12.74	92.31	5.8	33.55	8.0	25.3	0.62
F08	12 Nov 2020	50	12.67	92.20	5.7	33.56	8.0	25.3	0.60
F08	12 Nov 2020	51	12.63	92.25	5.7	33.56	8.0	25.3	0.58
F08	12 Nov 2020	52	12.60	92.16	5.7	33.56	8.0	25.4	0.54
F08	12 Nov 2020	53	12.56	92.13	5.6	33.57	8.0	25.4	0.53
F08	12 Nov 2020	54	12.55	92.18	5.6	33.57	8.0	25.4	0.52
F08	12 Nov 2020	55	12.54	92.27	5.6	33.57	8.0	25.4	0.52
F08	12 Nov 2020	56	12.53	92.27	5.6	33.57	8.0	25.4	0.52
F08	12 Nov 2020	57	12.50	92.23	5.6	33.58	8.0	25.4	0.50
F08	12 Nov 2020	58	12.42	91.72	5.5	33.59	8.0	25.4	0.46
F08	12 Nov 2020	59	12.38	91.49	5.5	33.59	7.9	25.4	0.44
F08	12 Nov 2020	60	12.37	91.25	5.4	33.59	7.9	25.4	0.41
F08	12 Nov 2020	61	12.37	91.15	5.4	33.60	7.9	25.4	0.40
F08	12 Nov 2020	62	12.35	90.90	5.4	33.60	7.9	25.4	0.40
F09	12 Nov 2020	1	16.46	86.42	7.5	33.57	8.1	24.5	0.70
F09	12 Nov 2020	2	16.42	86.42	7.5	33.57	8.1	24.6	0.71
F09	12 Nov 2020	3	16.38	86.35	7.5	33.57	8.1	24.6	0.77
F09	12 Nov 2020	4	16.34	86.27	7.5	33.57	8.1	24.6	0.88
F09	12 Nov 2020	5	16.32	86.05	7.5	33.57	8.1	24.6	0.99
F09	12 Nov 2020	6	16.31	85.87	7.5	33.57	8.1	24.6	1.16
F09	12 Nov 2020	7	16.30	85.80	7.5	33.57	8.1	24.6	1.38
F09	12 Nov 2020	8	16.30	85.66	7.5	33.57	8.1	24.6	1.58
F09	12 Nov 2020	9	16.27	85.58	7.5	33.57	8.1	24.6	1.74
F09	12 Nov 2020	10	16.25	85.59	7.5	33.57	8.1	24.6	1.92
F09	12 Nov 2020	11	16.10	85.51	7.4	33.56	8.1	24.6	2.01
F09	12 Nov 2020	12	15.80	85.67	7.3	33.55	8.1	24.7	2.04
F09	12 Nov 2020	13	15.71	86.52	7.2	33.54	8.1	24.7	2.05
F09	12 Nov 2020	14	15.51	87.16	7.1	33.53	8.1	24.7	2.09
F09	12 Nov 2020	15	15.26	87.79	7.1	33.51	8.1	24.8	2.06
F09	12 Nov 2020	16	15.17	88.23	7.0	33.50	8.1	24.8	2.12
F09	12 Nov 2020	17	15.07	88.91	6.9	33.50	8.1	24.8	2.09
F09	12 Nov 2020	18	14.99	89.10	6.9	33.50	8.1	24.8	2.15
F09	12 Nov 2020	19	14.89	89.38	6.8	33.49	8.1	24.8	2.16
F09	12 Nov 2020	20	14.83	89.41	6.8	33.49	8.1	24.8	2.17
F09	12 Nov 2020	21	14.81	89.34	6.8	33.49	8.1	24.8	2.14
F09	12 Nov 2020	22	14.81	89.37	6.8	33.49	8.1	24.9	2.18
F09	12 Nov 2020	23	14.75	89.27	6.8	33.49	8.1	24.9	2.21
F09	12 Nov 2020	24	14.71	89.21	6.7	33.49	8.0	24.9	2.16
F09	12 Nov 2020	25	14.67	89.29	6.7	33.49	8.0	24.9	2.09
F09	12 Nov 2020	26	14.60	89.34	6.7	33.49	8.0	24.9	2.23
F09	12 Nov 2020	27	14.36	89.17	6.8	33.48	8.0	24.9	2.50
F09	12 Nov 2020	28	14.16	88.77	6.7	33.47	8.0	25.0	2.72
F09	12 Nov 2020	29	13.91	88.43	6.6	33.47	8.0	25.0	2.64
F09	12 Nov 2020	30	13.81	88.54	6.5	33.47	8.0	25.0	2.56
F09	12 Nov 2020	31	13.74	88.88	6.4	33.47	8.0	25.1	2.43
F09	12 Nov 2020	32	13.68	89.19	6.4	33.48	8.0	25.1	2.28
F09	12 Nov 2020	33	13.61	89.82	6.3	33.48	8.0	25.1	1.96
F09	12 Nov 2020	34	13.53	90.27	6.2	33.49	8.0	25.1	1.74
F09	12 Nov 2020	35	13.44	90.65	6.1	33.51	8.0	25.1	1.45
F09	12 Nov 2020	36	13.38	90.89	6.0	33.51	8.0	25.2	1.23
F09	12 Nov 2020	37	13.31	91.38	5.9	33.52	8.0	25.2	1.07
F09	12 Nov 2020	38	13.26	91.68	5.8	33.52	8.0	25.2	0.92
F09	12 Nov 2020	39	13.08	91.80	5.8	33.53	8.0	25.2	0.79
F09	12 Nov 2020	40	12.97	91.99	5.8	33.54	8.0	25.3	0.73
F09	12 Nov 2020	41	12.92	91.94	5.7	33.54	8.0	25.3	0.64
F09	12 Nov 2020	42	12.85	91.99	5.7	33.55	7.9	25.3	0.59
F09	12 Nov 2020	43	12.83	91.97	5.7	33.55	7.9	25.3	0.58
F09	12 Nov 2020	44	12.83	92.01	5.7	33.55	7.9	25.3	0.56
F09	12 Nov 2020	45	12.81	92.02	5.7	33.55	7.9	25.3	0.57

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F09	12 Nov 2020	46	12.79	91.99	5.7	33.55	7.9	25.3	0.55
F09	12 Nov 2020	47	12.76	92.06	5.7	33.55	7.9	25.3	0.55
F09	12 Nov 2020	48	12.69	92.20	5.7	33.55	7.9	25.3	0.56
F09	12 Nov 2020	49	12.66	92.57	5.7	33.56	8.0	25.3	0.57
F09	12 Nov 2020	50	12.60	92.47	5.7	33.56	7.9	25.4	0.55
F09	12 Nov 2020	51	12.56	92.38	5.7	33.56	7.9	25.4	0.55
F09	12 Nov 2020	52	12.51	92.27	5.6	33.57	7.9	25.4	0.52
F09	12 Nov 2020	53	12.46	92.29	5.6	33.58	7.9	25.4	0.49
F09	12 Nov 2020	54	12.42	92.06	5.5	33.59	7.9	25.4	0.46
F09	12 Nov 2020	55	12.40	92.08	5.5	33.59	7.9	25.4	0.45
F09	12 Nov 2020	56	12.40	91.93	5.5	33.59	7.9	25.4	0.42
F09	12 Nov 2020	57	12.39	91.83	5.4	33.59	7.9	25.4	0.42
F09	12 Nov 2020	58	12.39	91.82	5.4	33.59	7.9	25.4	0.41
F09	12 Nov 2020	59	12.39	91.63	5.4	33.59	7.9	25.4	0.41
F09	12 Nov 2020	60	12.34	91.33	5.4	33.60	7.9	25.4	0.39
F09	12 Nov 2020	61	12.32	90.70	5.3	33.60	7.9	25.4	0.41
F09	12 Nov 2020	62	12.31	90.55	5.3	33.60	7.9	25.4	0.39
F09	12 Nov 2020	63	12.33	90.08	5.3	33.60	7.9	25.4	0.38
F10	12 Nov 2020	1	16.39	86.17	7.5	33.57	8.1	24.6	0.98
F10	12 Nov 2020	2	16.37	86.17	7.5	33.57	8.1	24.6	1.00
F10	12 Nov 2020	3	16.32	85.80	7.5	33.57	8.1	24.6	1.11
F10	12 Nov 2020	4	16.30	85.38	7.5	33.57	8.1	24.6	1.26
F10	12 Nov 2020	5	16.28	85.78	7.5	33.57	8.1	24.6	1.41
F10	12 Nov 2020	6	16.26	85.44	7.5	33.56	8.1	24.6	1.62
F10	12 Nov 2020	7	16.25	85.33	7.5	33.56	8.1	24.6	1.80
F10	12 Nov 2020	8	16.25	85.20	7.5	33.57	8.1	24.6	1.99
F10	12 Nov 2020	9	16.24	85.09	7.5	33.56	8.1	24.6	2.12
F10	12 Nov 2020	10	16.23	84.99	7.5	33.56	8.1	24.6	2.22
F10	12 Nov 2020	11	16.22	84.93	7.4	33.57	8.1	24.6	2.20
F10	12 Nov 2020	12	16.18	85.09	7.4	33.56	8.1	24.6	2.24
F10	12 Nov 2020	13	16.17	85.33	7.4	33.56	8.1	24.6	2.37
F10	12 Nov 2020	14	16.15	85.54	7.4	33.56	8.1	24.6	2.44
F10	12 Nov 2020	15	15.86	85.33	7.3	33.55	8.1	24.7	2.44
F10	12 Nov 2020	16	15.47	85.81	7.2	33.53	8.1	24.7	2.59
F10	12 Nov 2020	17	15.14	86.36	7.2	33.51	8.1	24.8	2.68
F10	12 Nov 2020	18	15.01	86.65	7.1	33.50	8.1	24.8	2.85
F10	12 Nov 2020	19	14.96	86.78	7.1	33.50	8.1	24.8	2.89
F10	12 Nov 2020	20	14.94	86.83	7.0	33.50	8.1	24.8	2.93
F10	12 Nov 2020	21	14.82	86.77	6.9	33.50	8.1	24.9	2.88
F10	12 Nov 2020	22	14.63	86.79	6.8	33.50	8.1	24.9	2.91
F10	12 Nov 2020	23	14.34	87.10	6.7	33.48	8.0	24.9	2.87
F10	12 Nov 2020	24	14.30	87.59	6.7	33.48	8.0	24.9	2.82
F10	12 Nov 2020	25	14.22	87.69	6.7	33.47	8.0	25.0	2.84
F10	12 Nov 2020	26	14.20	87.62	6.8	33.46	8.0	25.0	2.91
F10	12 Nov 2020	27	14.18	87.92	6.8	33.46	8.0	25.0	2.85
F10	12 Nov 2020	28	14.16	87.88	6.8	33.46	8.0	25.0	2.89
F10	12 Nov 2020	29	14.15	87.67	6.8	33.46	8.0	25.0	2.89
F10	12 Nov 2020	30	14.00	87.70	6.7	33.47	8.0	25.0	2.82
F10	12 Nov 2020	31	13.79	88.14	6.6	33.48	8.0	25.1	2.60
F10	12 Nov 2020	32	13.67	88.83	6.5	33.48	8.0	25.1	2.45
F10	12 Nov 2020	33	13.66	89.55	6.4	33.48	8.0	25.1	2.28
F10	12 Nov 2020	34	13.62	90.01	6.4	33.48	8.0	25.1	2.16
F10	12 Nov 2020	35	13.57	90.19	6.3	33.48	8.0	25.1	1.97
F10	12 Nov 2020	36	13.47	90.45	6.2	33.50	8.0	25.1	1.66
F10	12 Nov 2020	37	13.20	90.85	6.1	33.52	8.0	25.2	1.29
F10	12 Nov 2020	38	13.13	91.37	5.9	33.52	8.0	25.2	1.06
F10	12 Nov 2020	39	13.09	91.97	5.9	33.53	8.0	25.2	0.91
F10	12 Nov 2020	40	13.07	92.22	5.9	33.53	8.0	25.2	0.81
F10	12 Nov 2020	41	13.04	92.39	5.8	33.53	8.0	25.2	0.73
F10	12 Nov 2020	42	13.01	92.39	5.8	33.53	8.0	25.3	0.70

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F10	12 Nov 2020	43	12.93	92.28	5.8	33.54	8.0	25.3	0.70
F10	12 Nov 2020	44	12.85	92.18	5.7	33.55	7.9	25.3	0.64
F10	12 Nov 2020	45	12.80	91.80	5.7	33.55	7.9	25.3	0.57
F10	12 Nov 2020	46	12.74	91.76	5.6	33.56	7.9	25.3	0.53
F10	12 Nov 2020	47	12.60	91.95	5.7	33.56	7.9	25.4	0.54
F10	12 Nov 2020	48	12.56	92.54	5.7	33.56	7.9	25.4	0.51
F10	12 Nov 2020	49	12.56	92.62	5.6	33.57	7.9	25.4	0.50
F10	12 Nov 2020	50	12.49	92.39	5.6	33.58	7.9	25.4	0.48
F10	12 Nov 2020	51	12.46	92.39	5.6	33.58	7.9	25.4	0.48
F10	12 Nov 2020	52	12.45	92.41	5.5	33.58	7.9	25.4	0.46
F10	12 Nov 2020	53	12.44	92.62	5.5	33.59	7.9	25.4	0.46
F10	12 Nov 2020	54	12.42	92.72	5.6	33.59	7.9	25.4	0.45
F10	12 Nov 2020	55	12.40	92.83	5.5	33.59	7.9	25.4	0.43
F10	12 Nov 2020	56	12.39	92.61	5.5	33.59	7.9	25.4	0.43
F10	12 Nov 2020	57	12.37	92.16	5.4	33.59	7.9	25.4	0.41
F10	12 Nov 2020	58	12.36	92.01	5.4	33.60	7.9	25.4	0.42
F10	12 Nov 2020	59	12.34	92.12	5.4	33.60	7.9	25.4	0.41
F10	12 Nov 2020	60	12.28	91.98	5.4	33.61	7.9	25.5	0.40
F10	12 Nov 2020	61	12.24	91.01	5.3	33.62	7.9	25.5	0.38
F10	12 Nov 2020	62	12.26	90.04	5.3	33.61	7.9	25.5	0.37
F11	12 Nov 2020	1	16.40	87.41	7.5	33.56	8.1	24.6	0.74
F11	12 Nov 2020	2	16.38	86.84	7.5	33.56	8.1	24.6	0.76
F11	12 Nov 2020	3	16.34	86.74	7.5	33.56	8.1	24.6	0.84
F11	12 Nov 2020	4	16.33	86.99	7.5	33.56	8.1	24.6	0.91
F11	12 Nov 2020	5	16.32	86.97	7.5	33.56	8.1	24.6	1.03
F11	12 Nov 2020	6	16.32	86.90	7.5	33.56	8.1	24.6	1.16
F11	12 Nov 2020	7	16.32	86.91	7.5	33.56	8.1	24.6	1.21
F11	12 Nov 2020	8	16.31	86.92	7.5	33.56	8.1	24.6	1.31
F11	12 Nov 2020	9	16.31	86.82	7.5	33.56	8.1	24.6	1.45
F11	12 Nov 2020	10	16.30	86.89	7.5	33.56	8.1	24.6	1.58
F11	12 Nov 2020	11	16.29	86.74	7.5	33.56	8.1	24.6	1.65
F11	12 Nov 2020	12	16.24	86.95	7.4	33.56	8.1	24.6	1.65
F11	12 Nov 2020	13	16.02	86.97	7.3	33.55	8.1	24.6	1.76
F11	12 Nov 2020	14	15.58	87.29	7.3	33.53	8.1	24.7	1.94
F11	12 Nov 2020	15	15.29	87.39	7.2	33.51	8.1	24.8	2.13
F11	12 Nov 2020	16	14.81	87.39	7.1	33.49	8.1	24.8	2.33
F11	12 Nov 2020	17	14.55	87.62	7.1	33.48	8.1	24.9	2.56
F11	12 Nov 2020	18	14.29	87.62	7.0	33.46	8.1	24.9	2.93
F11	12 Nov 2020	19	14.18	87.52	6.9	33.46	8.0	25.0	3.09
F11	12 Nov 2020	20	14.13	87.35	6.8	33.46	8.0	25.0	3.09
F11	12 Nov 2020	21	14.13	87.57	6.7	33.47	8.0	25.0	2.92
F11	12 Nov 2020	22	14.08	87.94	6.6	33.48	8.0	25.0	2.72
F11	12 Nov 2020	23	13.89	88.35	6.4	33.48	8.0	25.0	2.55
F11	12 Nov 2020	24	13.65	88.73	6.4	33.47	8.0	25.1	2.50
F11	12 Nov 2020	25	13.56	89.22	6.4	33.48	8.0	25.1	2.20
F11	12 Nov 2020	26	13.51	90.12	6.3	33.48	8.0	25.1	1.85
F11	12 Nov 2020	27	13.49	90.78	6.2	33.49	8.0	25.1	1.65
F11	12 Nov 2020	28	13.45	91.13	6.1	33.50	8.0	25.1	1.46
F11	12 Nov 2020	29	13.39	91.31	6.0	33.51	8.0	25.2	1.28
F11	12 Nov 2020	30	13.32	91.52	6.0	33.52	8.0	25.2	1.09
F11	12 Nov 2020	31	13.21	91.62	5.9	33.52	8.0	25.2	0.96
F11	12 Nov 2020	32	13.16	91.66	5.8	33.53	8.0	25.2	0.86
F11	12 Nov 2020	33	13.07	91.95	5.8	33.53	8.0	25.2	0.78
F11	12 Nov 2020	34	12.96	92.20	5.8	33.54	8.0	25.3	0.70
F11	12 Nov 2020	35	12.84	92.54	5.7	33.55	8.0	25.3	0.65
F11	12 Nov 2020	36	12.78	92.63	5.7	33.55	8.0	25.3	0.60
F11	12 Nov 2020	37	12.75	92.76	5.7	33.55	7.9	25.3	0.57
F11	12 Nov 2020	38	12.71	92.76	5.7	33.55	7.9	25.3	0.56
F11	12 Nov 2020	39	12.70	92.59	5.7	33.56	7.9	25.3	0.53
F11	12 Nov 2020	40	12.69	92.42	5.6	33.56	7.9	25.3	0.51

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F11	12 Nov 2020	41	12.67	92.30	5.6	33.56	7.9	25.3	0.52
F11	12 Nov 2020	42	12.63	92.10	5.6	33.57	7.9	25.4	0.49
F11	12 Nov 2020	43	12.54	91.88	5.6	33.57	7.9	25.4	0.49
F11	12 Nov 2020	44	12.48	92.27	5.7	33.57	7.9	25.4	0.48
F11	12 Nov 2020	45	12.46	92.91	5.7	33.57	7.9	25.4	0.48
F11	12 Nov 2020	46	12.43	93.15	5.7	33.58	7.9	25.4	0.47
F11	12 Nov 2020	47	12.35	93.26	5.7	33.59	7.9	25.4	0.47
F11	12 Nov 2020	48	12.29	93.50	5.6	33.60	7.9	25.4	0.46
F11	12 Nov 2020	49	12.25	93.21	5.5	33.61	7.9	25.5	0.43
F11	12 Nov 2020	50	12.24	93.11	5.5	33.61	7.9	25.5	0.41
F11	12 Nov 2020	51	12.22	92.83	5.4	33.61	7.9	25.5	0.40
F11	12 Nov 2020	52	12.20	92.48	5.3	33.62	7.9	25.5	0.39
F11	12 Nov 2020	53	12.20	92.24	5.3	33.62	7.9	25.5	0.38
F11	12 Nov 2020	54	12.19	92.22	5.3	33.62	7.9	25.5	0.38
F11	12 Nov 2020	55	12.19	92.24	5.3	33.62	7.9	25.5	0.38
F11	12 Nov 2020	56	12.19	92.30	5.3	33.62	7.9	25.5	0.39
F11	12 Nov 2020	57	12.19	92.20	5.3	33.62	7.9	25.5	0.37
F11	12 Nov 2020	58	12.18	91.92	5.3	33.62	7.9	25.5	0.37
F11	12 Nov 2020	59	12.15	91.67	5.2	33.62	7.9	25.5	0.37
F11	12 Nov 2020	60	12.14	90.88	5.2	33.62	7.9	25.5	0.36
F11	12 Nov 2020	61	12.15	90.50	5.2	33.62	7.9	25.5	0.36
F12	12 Nov 2020	1	16.29	85.84	7.5	33.56	8.1	24.6	0.88
F12	12 Nov 2020	2	16.27	83.96	7.5	33.56	8.1	24.6	0.92
F12	12 Nov 2020	3	16.25	84.82	7.5	33.56	8.1	24.6	0.98
F12	12 Nov 2020	4	16.23	85.68	7.5	33.55	8.1	24.6	1.16
F12	12 Nov 2020	5	16.22	85.74	7.5	33.55	8.1	24.6	1.32
F12	12 Nov 2020	6	16.22	85.69	7.5	33.55	8.1	24.6	1.54
F12	12 Nov 2020	7	16.21	85.80	7.5	33.55	8.1	24.6	1.68
F12	12 Nov 2020	8	16.20	85.82	7.5	33.55	8.1	24.6	1.85
F12	12 Nov 2020	9	16.11	85.74	7.4	33.55	8.1	24.6	2.01
F12	12 Nov 2020	10	15.92	85.83	7.4	33.55	8.1	24.6	2.20
F12	12 Nov 2020	11	15.74	85.90	7.3	33.54	8.1	24.7	2.43
F12	12 Nov 2020	12	15.32	85.74	7.2	33.53	8.1	24.8	2.65
F12	12 Nov 2020	13	14.84	85.52	7.0	33.51	8.1	24.9	2.71
F12	12 Nov 2020	14	14.45	86.05	6.9	33.48	8.1	24.9	2.66
F12	12 Nov 2020	15	14.21	87.03	6.9	33.47	8.0	25.0	2.62
F12	12 Nov 2020	16	14.02	87.76	6.9	33.45	8.0	25.0	2.76
F12	12 Nov 2020	17	13.96	88.00	6.8	33.45	8.0	25.0	2.88
F12	12 Nov 2020	18	13.89	88.07	6.8	33.45	8.0	25.0	2.90
F12	12 Nov 2020	19	13.79	88.44	6.7	33.46	8.0	25.0	2.85
F12	12 Nov 2020	20	13.66	88.92	6.7	33.46	8.0	25.1	2.77
F12	12 Nov 2020	21	13.63	89.29	6.6	33.46	8.0	25.1	2.71
F12	12 Nov 2020	22	13.62	89.50	6.6	33.46	8.0	25.1	2.71
F12	12 Nov 2020	23	13.61	89.45	6.6	33.46	8.0	25.1	2.72
F12	12 Nov 2020	24	13.61	89.63	6.6	33.46	8.0	25.1	2.61
F12	12 Nov 2020	25	13.59	89.66	6.5	33.46	8.0	25.1	2.52
F12	12 Nov 2020	26	13.57	89.92	6.5	33.47	8.0	25.1	2.44
F12	12 Nov 2020	27	13.53	90.27	6.4	33.48	8.0	25.1	2.16
F12	12 Nov 2020	28	13.43	90.61	6.2	33.50	8.0	25.1	1.76
F12	12 Nov 2020	29	13.29	91.44	6.2	33.51	8.0	25.2	1.48
F12	12 Nov 2020	30	13.23	91.94	6.3	33.51	8.0	25.2	1.39
F12	12 Nov 2020	31	13.18	92.15	6.1	33.51	8.0	25.2	1.29
F12	12 Nov 2020	32	13.13	92.28	6.0	33.52	8.0	25.2	1.10
F12	12 Nov 2020	33	13.00	92.50	5.9	33.54	8.0	25.3	0.84
F12	12 Nov 2020	34	12.94	92.61	5.8	33.54	8.0	25.3	0.72
F12	12 Nov 2020	35	12.84	92.69	5.7	33.55	7.9	25.3	0.64
F12	12 Nov 2020	36	12.71	92.76	5.7	33.56	7.9	25.3	0.59
F12	12 Nov 2020	37	12.66	92.92	5.7	33.56	7.9	25.3	0.56
F12	12 Nov 2020	38	12.64	93.02	5.6	33.56	7.9	25.3	0.55
F12	12 Nov 2020	39	12.53	92.97	5.6	33.57	7.9	25.4	0.51

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ($\sigma\text{-t}$)	Chlor ($\mu\text{g/L}$)
F12	12 Nov 2020	40	12.45	93.10	5.6	33.57	7.9	25.4	0.49
F12	12 Nov 2020	41	12.48	93.28	5.6	33.57	7.9	25.4	0.48
F12	12 Nov 2020	42	12.36	93.04	5.5	33.59	7.9	25.4	0.41
F12	12 Nov 2020	43	12.32	92.88	5.4	33.59	7.9	25.4	0.38
F12	12 Nov 2020	44	12.31	92.64	5.3	33.60	7.9	25.4	0.36
F12	12 Nov 2020	45	12.30	92.60	5.3	33.60	7.9	25.4	0.34
F12	12 Nov 2020	46	12.28	92.69	5.3	33.60	7.9	25.4	0.35
F12	12 Nov 2020	47	12.24	92.66	5.3	33.61	7.9	25.5	0.35
F12	12 Nov 2020	48	12.20	92.58	5.3	33.61	7.9	25.5	0.38
F12	12 Nov 2020	49	12.21	92.65	5.3	33.61	7.9	25.5	0.38
F12	12 Nov 2020	50	12.13	92.48	5.3	33.62	7.9	25.5	0.39
F12	12 Nov 2020	51	12.10	91.99	5.3	33.62	7.9	25.5	0.37
F12	12 Nov 2020	52	12.12	92.09	5.3	33.62	7.9	25.5	0.37
F12	12 Nov 2020	53	12.04	92.61	5.3	33.63	7.9	25.5	0.39
F12	12 Nov 2020	54	12.00	93.02	5.3	33.64	7.9	25.5	0.37
F12	12 Nov 2020	55	11.97	92.76	5.2	33.64	7.9	25.5	0.37
F12	12 Nov 2020	56	11.96	92.11	5.1	33.64	7.9	25.5	0.35
F12	12 Nov 2020	57	11.96	91.51	5.1	33.64	7.9	25.5	0.34
F12	12 Nov 2020	58	11.95	91.09	5.0	33.64	7.9	25.5	0.34
F12	12 Nov 2020	59	11.94	90.54	5.0	33.64	7.9	25.5	0.33
F12	12 Nov 2020	60	11.93	90.29	5.0	33.64	7.9	25.5	0.31
F12	12 Nov 2020	61	11.93	90.24	5.0	33.64	7.9	25.5	0.32
F12	12 Nov 2020	62	11.93	90.11	5.0	33.64	7.9	25.5	0.32
F13	12 Nov 2020	1	16.01	84.32	7.5	33.55	8.1	24.6	1.32
F13	12 Nov 2020	2	15.99	84.28	7.5	33.55	8.1	24.6	1.49
F13	12 Nov 2020	3	15.97	84.07	7.5	33.55	8.1	24.6	1.66
F13	12 Nov 2020	4	15.96	83.90	7.5	33.55	8.1	24.6	1.88
F13	12 Nov 2020	5	15.95	83.73	7.5	33.55	8.1	24.6	2.17
F13	12 Nov 2020	6	15.94	83.73	7.5	33.55	8.1	24.6	2.50
F13	12 Nov 2020	7	15.93	83.73	7.5	33.55	8.1	24.6	2.69
F13	12 Nov 2020	8	15.83	83.66	7.4	33.55	8.1	24.7	2.96
F13	12 Nov 2020	9	15.82	83.46	7.4	33.55	8.1	24.7	3.19
F13	12 Nov 2020	10	15.76	83.52	7.3	33.55	8.1	24.7	3.34
F13	12 Nov 2020	11	15.56	83.36	7.2	33.55	8.1	24.7	3.46
F13	12 Nov 2020	12	15.28	83.19	7.0	33.54	8.1	24.8	3.42
F13	12 Nov 2020	13	15.12	83.62	6.9	33.54	8.1	24.8	3.30
F13	12 Nov 2020	14	14.73	84.10	6.7	33.54	8.1	24.9	2.94
F13	12 Nov 2020	15	14.58	85.10	6.6	33.53	8.0	24.9	2.57
F13	12 Nov 2020	16	14.57	86.10	6.5	33.53	8.0	24.9	2.30
F13	12 Nov 2020	17	14.51	86.68	6.4	33.53	8.0	24.9	2.08
F13	12 Nov 2020	18	14.40	87.15	6.3	33.53	8.0	25.0	1.90
F13	12 Nov 2020	19	14.29	87.61	6.2	33.53	8.0	25.0	1.82
F13	12 Nov 2020	20	14.00	88.18	6.1	33.53	8.0	25.1	1.55
F13	12 Nov 2020	21	13.63	88.76	5.9	33.52	8.0	25.1	1.31
F13	12 Nov 2020	22	13.50	89.94	5.9	33.52	8.0	25.1	1.12
F13	12 Nov 2020	23	13.43	90.59	5.9	33.51	8.0	25.2	1.04
F13	12 Nov 2020	24	13.35	90.88	5.9	33.51	8.0	25.2	1.02
F13	12 Nov 2020	25	13.29	91.38	5.8	33.51	8.0	25.2	1.03
F13	12 Nov 2020	26	13.25	91.46	5.8	33.52	8.0	25.2	0.92
F13	12 Nov 2020	27	13.20	91.63	5.8	33.52	8.0	25.2	0.86
F13	12 Nov 2020	28	13.12	91.86	5.8	33.52	8.0	25.2	0.89
F13	12 Nov 2020	29	13.05	92.06	5.9	33.52	8.0	25.2	0.92
F13	12 Nov 2020	30	13.00	92.42	6.0	33.52	8.0	25.2	1.04
F13	12 Nov 2020	31	12.98	92.62	6.1	33.52	8.0	25.3	1.13
F13	12 Nov 2020	32	12.95	92.77	6.1	33.52	8.0	25.3	1.15
F13	12 Nov 2020	33	12.92	92.79	6.0	33.53	8.0	25.3	1.10
F13	12 Nov 2020	34	12.85	92.85	6.0	33.54	8.0	25.3	0.99
F13	12 Nov 2020	35	12.79	93.11	5.9	33.54	8.0	25.3	0.84
F13	12 Nov 2020	36	12.74	93.13	5.9	33.54	8.0	25.3	0.75
F13	12 Nov 2020	37	12.71	93.17	5.8	33.55	8.0	25.3	0.70

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F13	12 Nov 2020	38	12.69	93.22	5.8	33.55	8.0	25.3	0.65
F13	12 Nov 2020	39	12.63	93.31	5.8	33.55	8.0	25.3	0.60
F13	12 Nov 2020	40	12.57	93.26	5.7	33.56	7.9	25.4	0.56
F13	12 Nov 2020	41	12.53	93.35	5.7	33.56	7.9	25.4	0.54
F13	12 Nov 2020	42	12.40	93.36	5.6	33.58	7.9	25.4	0.48
F13	12 Nov 2020	43	12.35	93.41	5.5	33.59	7.9	25.4	0.45
F13	12 Nov 2020	44	12.31	93.33	5.5	33.59	7.9	25.4	0.42
F13	12 Nov 2020	45	12.27	93.28	5.4	33.60	7.9	25.4	0.39
F13	12 Nov 2020	46	12.24	93.09	5.3	33.60	7.9	25.5	0.37
F13	12 Nov 2020	47	12.21	92.96	5.2	33.61	7.9	25.5	0.35
F13	12 Nov 2020	48	12.16	92.82	5.2	33.61	7.9	25.5	0.33
F13	12 Nov 2020	49	12.10	92.54	5.1	33.62	7.9	25.5	0.31
F13	12 Nov 2020	50	12.05	92.15	5.0	33.62	7.9	25.5	0.31
F13	12 Nov 2020	51	11.99	91.98	5.0	33.63	7.9	25.5	0.30
F13	12 Nov 2020	52	11.94	91.93	5.0	33.63	7.9	25.5	0.31
F13	12 Nov 2020	53	11.92	91.11	4.9	33.64	7.9	25.5	0.30
F13	12 Nov 2020	54	11.90	90.24	4.8	33.64	7.9	25.6	0.30
F13	12 Nov 2020	55	11.90	89.89	4.8	33.64	7.9	25.6	0.28
F13	12 Nov 2020	56	11.90	89.64	4.8	33.64	7.9	25.6	0.30
F13	12 Nov 2020	57	11.90	89.59	4.8	33.64	7.9	25.6	0.28
F13	12 Nov 2020	58	11.89	89.42	4.7	33.64	7.9	25.6	0.28
F13	12 Nov 2020	59	11.89	89.35	4.7	33.64	7.9	25.6	0.28
F13	12 Nov 2020	60	11.89	89.21	4.7	33.64	7.9	25.6	0.28
F13	12 Nov 2020	61	11.89	89.02	4.7	33.64	7.9	25.6	0.28
F13	12 Nov 2020	62	11.90	89.04	4.7	33.64	7.9	25.6	0.29
F14	12 Nov 2020	1	15.55	82.79	7.1	33.56	8.1	24.7	2.66
F14	12 Nov 2020	2	15.41	82.70	7.1	33.56	8.1	24.8	2.88
F14	12 Nov 2020	3	15.36	82.16	7.0	33.55	8.1	24.8	3.09
F14	12 Nov 2020	4	15.24	82.76	6.9	33.55	8.1	24.8	3.13
F14	12 Nov 2020	5	15.00	82.83	6.8	33.55	8.1	24.8	3.04
F14	12 Nov 2020	6	14.95	83.08	6.7	33.54	8.0	24.9	3.15
F14	12 Nov 2020	7	14.91	84.24	6.6	33.54	8.0	24.9	3.14
F14	12 Nov 2020	8	14.79	84.44	6.5	33.54	8.0	24.9	2.83
F14	12 Nov 2020	9	14.68	84.94	6.5	33.53	8.0	24.9	2.83
F14	12 Nov 2020	10	14.65	85.31	6.5	33.53	8.0	24.9	2.80
F14	12 Nov 2020	11	14.61	85.59	6.4	33.53	8.0	24.9	2.71
F14	12 Nov 2020	12	14.55	85.97	6.4	33.53	8.0	24.9	2.60
F14	12 Nov 2020	13	14.52	86.50	6.3	33.53	8.0	24.9	2.50
F14	12 Nov 2020	14	14.46	86.60	6.3	33.53	8.0	25.0	2.29
F14	12 Nov 2020	15	14.39	86.91	6.3	33.53	8.0	25.0	2.15
F14	12 Nov 2020	16	14.32	87.50	6.2	33.53	8.0	25.0	1.95
F14	12 Nov 2020	17	14.18	88.32	6.2	33.53	8.0	25.0	1.73
F14	12 Nov 2020	18	13.98	89.18	6.1	33.52	8.0	25.1	1.56
F14	12 Nov 2020	19	13.68	90.08	6.1	33.52	8.0	25.1	1.30
F14	12 Nov 2020	20	13.45	90.94	6.1	33.51	8.0	25.1	1.21
F14	12 Nov 2020	21	13.30	91.28	6.1	33.51	8.0	25.2	1.07
F14	12 Nov 2020	22	13.22	91.85	6.0	33.51	8.0	25.2	0.97
F14	12 Nov 2020	23	13.19	92.27	6.0	33.51	8.0	25.2	0.92
F14	12 Nov 2020	24	13.14	92.30	6.0	33.52	8.0	25.2	0.86
F14	12 Nov 2020	25	12.98	92.40	5.9	33.53	8.0	25.3	0.78
F14	12 Nov 2020	26	12.90	92.62	5.9	33.53	8.0	25.3	0.77
F14	12 Nov 2020	27	12.86	92.84	5.9	33.54	8.0	25.3	0.72
F14	12 Nov 2020	28	12.77	93.00	5.8	33.55	8.0	25.3	0.65
F14	12 Nov 2020	29	12.69	93.14	5.8	33.55	7.9	25.3	0.59
F14	12 Nov 2020	30	12.66	93.15	5.8	33.55	7.9	25.3	0.55
F14	12 Nov 2020	31	12.64	93.25	5.8	33.56	7.9	25.3	0.53
F14	12 Nov 2020	32	12.54	93.34	5.7	33.57	7.9	25.4	0.53
F14	12 Nov 2020	33	12.49	93.33	5.6	33.57	7.9	25.4	0.51
F14	12 Nov 2020	34	12.46	93.40	5.6	33.57	7.9	25.4	0.49
F14	12 Nov 2020	35	12.44	93.40	5.6	33.57	7.9	25.4	0.49

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ($\sigma\text{-t}$)	Chlor ($\mu\text{g/L}$)
F14	12 Nov 2020	36	12.42	93.42	5.6	33.58	7.9	25.4	0.48
F14	12 Nov 2020	37	12.42	93.44	5.6	33.58	7.9	25.4	0.45
F14	12 Nov 2020	38	12.38	93.46	5.6	33.58	7.9	25.4	0.44
F14	12 Nov 2020	39	12.36	93.45	5.5	33.58	7.9	25.4	0.44
F14	12 Nov 2020	40	12.34	93.44	5.5	33.59	7.9	25.4	0.42
F14	12 Nov 2020	41	12.33	93.39	5.4	33.59	7.9	25.4	0.41
F14	12 Nov 2020	42	12.29	93.33	5.3	33.60	7.9	25.4	0.40
F14	12 Nov 2020	43	12.24	93.14	5.2	33.61	7.9	25.5	0.37
F14	12 Nov 2020	44	12.19	92.92	5.1	33.61	7.9	25.5	0.33
F14	12 Nov 2020	45	12.15	92.76	5.0	33.62	7.9	25.5	0.30
F14	12 Nov 2020	46	12.07	92.74	5.0	33.62	7.9	25.5	0.30
F14	12 Nov 2020	47	12.04	92.40	5.0	33.62	7.9	25.5	0.30
F14	12 Nov 2020	48	12.03	92.00	4.9	33.62	7.9	25.5	0.30
F14	12 Nov 2020	49	12.01	91.87	4.9	33.63	7.9	25.5	0.30
F14	12 Nov 2020	50	11.95	91.75	4.8	33.63	7.9	25.5	0.28
F14	12 Nov 2020	51	11.91	90.61	4.8	33.64	7.9	25.5	0.28
F14	12 Nov 2020	52	11.91	89.69	4.7	33.64	7.9	25.5	0.26
F14	12 Nov 2020	53	11.91	89.30	4.7	33.64	7.8	25.5	0.27
F14	12 Nov 2020	54	11.91	89.58	4.7	33.64	7.8	25.5	0.26
F14	12 Nov 2020	55	11.91	89.48	4.7	33.64	7.9	25.5	0.28
F14	12 Nov 2020	56	11.91	89.53	4.7	33.64	7.8	25.5	0.28
F14	12 Nov 2020	57	11.90	89.55	4.7	33.64	7.8	25.5	0.29
F14	12 Nov 2020	58	11.90	89.58	4.7	33.64	7.8	25.5	0.28
F14	12 Nov 2020	59	11.90	89.65	4.7	33.64	7.8	25.5	0.27
F14	12 Nov 2020	60	11.90	89.69	4.7	33.64	7.8	25.5	0.28
F14	12 Nov 2020	61	11.90	89.43	4.7	33.64	7.8	25.5	0.28
F14	12 Nov 2020	62	11.90	80.11	4.6	33.64	7.8	25.5	0.28
F15	13 Nov 2020	1	17.60	89.26	7.4	33.62	8.2	24.3	0.35
F15	13 Nov 2020	2	17.55	90.63	7.4	33.62	8.2	24.3	0.35
F15	13 Nov 2020	3	17.54	91.49	7.4	33.62	8.2	24.3	0.37
F15	13 Nov 2020	4	17.38	91.48	7.4	33.62	8.2	24.4	0.39
F15	13 Nov 2020	5	17.35	91.53	7.4	33.61	8.2	24.4	0.43
F15	13 Nov 2020	6	17.34	91.41	7.4	33.61	8.2	24.4	0.42
F15	13 Nov 2020	7	17.34	91.23	7.4	33.61	8.2	24.4	0.47
F15	13 Nov 2020	8	17.33	91.17	7.4	33.61	8.2	24.4	0.48
F15	13 Nov 2020	9	17.32	91.24	7.4	33.61	8.2	24.4	0.53
F15	13 Nov 2020	10	17.31	91.21	7.4	33.61	8.2	24.4	0.55
F15	13 Nov 2020	11	17.30	91.21	7.4	33.61	8.2	24.4	0.59
F15	13 Nov 2020	12	17.29	91.06	7.4	33.61	8.2	24.4	0.61
F15	13 Nov 2020	13	17.25	91.15	7.4	33.61	8.2	24.4	0.67
F15	13 Nov 2020	14	17.19	91.15	7.4	33.61	8.2	24.4	0.73
F15	13 Nov 2020	15	17.10	91.20	7.4	33.60	8.2	24.4	0.81
F15	13 Nov 2020	16	17.05	91.15	7.4	33.60	8.2	24.4	0.86
F15	13 Nov 2020	17	17.01	91.07	7.4	33.59	8.2	24.4	0.92
F15	13 Nov 2020	18	16.94	91.09	7.3	33.59	8.2	24.4	0.95
F15	13 Nov 2020	19	16.84	90.98	7.4	33.59	8.2	24.5	1.07
F15	13 Nov 2020	20	16.73	90.97	7.3	33.58	8.2	24.5	1.18
F15	13 Nov 2020	21	16.43	90.89	7.2	33.57	8.1	24.5	1.39
F15	13 Nov 2020	22	15.92	90.49	7.1	33.54	8.1	24.6	1.66
F15	13 Nov 2020	23	15.42	90.08	7.0	33.52	8.1	24.7	1.93
F15	13 Nov 2020	24	15.13	89.97	6.9	33.51	8.1	24.8	1.95
F15	13 Nov 2020	25	14.84	90.03	6.7	33.50	8.1	24.9	1.97
F15	13 Nov 2020	26	14.45	90.13	6.5	33.50	8.0	24.9	2.03
F15	13 Nov 2020	27	14.31	90.07	6.3	33.48	8.0	24.9	2.09
F15	13 Nov 2020	28	14.06	90.17	6.2	33.49	8.0	25.0	1.92
F15	13 Nov 2020	29	13.85	90.45	6.1	33.49	8.0	25.1	1.80
F15	13 Nov 2020	30	13.75	90.96	6.0	33.48	8.0	25.1	1.75
F15	13 Nov 2020	31	13.71	91.32	6.1	33.48	8.0	25.1	1.56
F15	13 Nov 2020	32	13.69	91.41	6.2	33.48	8.0	25.1	1.49
F15	13 Nov 2020	33	13.60	91.54	6.1	33.48	8.0	25.1	1.40

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ($\sigma\text{-t}$)	Chlor ($\mu\text{g/L}$)
F15	13 Nov 2020	34	13.37	91.85	6.1	33.48	8.0	25.1	1.32
F15	13 Nov 2020	35	13.30	92.37	6.2	33.47	8.0	25.2	1.24
F15	13 Nov 2020	36	13.21	92.52	6.3	33.47	8.0	25.2	1.16
F15	13 Nov 2020	37	13.17	92.79	6.4	33.46	8.0	25.2	1.09
F15	13 Nov 2020	38	13.00	93.07	6.3	33.48	8.0	25.2	1.01
F15	13 Nov 2020	39	12.76	93.36	6.3	33.51	8.0	25.3	0.89
F15	13 Nov 2020	40	12.71	93.55	6.2	33.51	8.0	25.3	0.78
F15	13 Nov 2020	41	12.65	93.69	6.1	33.53	8.0	25.3	0.73
F15	13 Nov 2020	42	12.60	93.80	6.1	33.54	8.0	25.3	0.67
F15	13 Nov 2020	43	12.57	93.86	6.0	33.54	8.0	25.3	0.65
F15	13 Nov 2020	44	12.55	93.86	6.0	33.55	8.0	25.4	0.64
F15	13 Nov 2020	45	12.55	93.87	6.0	33.55	8.0	25.4	0.62
F15	13 Nov 2020	46	12.54	93.89	5.9	33.55	8.0	25.4	0.60
F15	13 Nov 2020	47	12.53	93.51	6.0	33.55	8.0	25.4	0.62
F15	13 Nov 2020	48	12.53	93.90	6.0	33.55	8.0	25.4	0.60
F15	13 Nov 2020	49	12.52	93.90	5.9	33.55	8.0	25.4	0.60
F15	13 Nov 2020	50	12.51	93.88	5.9	33.56	8.0	25.4	0.58
F15	13 Nov 2020	51	12.51	93.89	5.9	33.56	8.0	25.4	0.58
F15	13 Nov 2020	52	12.50	93.91	5.9	33.56	8.0	25.4	0.56
F15	13 Nov 2020	53	12.48	93.91	5.9	33.56	8.0	25.4	0.57
F15	13 Nov 2020	54	12.48	93.91	5.9	33.57	8.0	25.4	0.57
F15	13 Nov 2020	55	12.47	93.92	5.9	33.57	8.0	25.4	0.56
F15	13 Nov 2020	56	12.46	93.91	5.8	33.57	8.0	25.4	0.55
F15	13 Nov 2020	57	12.45	93.88	5.8	33.57	8.0	25.4	0.54
F15	13 Nov 2020	58	12.45	93.91	5.8	33.57	8.0	25.4	0.54
F15	13 Nov 2020	59	12.45	93.90	5.8	33.57	8.0	25.4	0.55
F15	13 Nov 2020	60	12.45	93.87	5.8	33.57	8.0	25.4	0.54
F15	13 Nov 2020	61	12.45	93.92	5.8	33.57	8.0	25.4	0.55
F15	13 Nov 2020	62	12.45	93.93	5.8	33.57	8.0	25.4	0.55
F15	13 Nov 2020	63	12.45	93.91	5.8	33.57	8.0	25.4	0.54
F15	13 Nov 2020	64	12.44	93.91	5.8	33.57	8.0	25.4	0.53
F15	13 Nov 2020	65	12.42	93.92	5.8	33.58	8.0	25.4	0.53
F15	13 Nov 2020	66	12.41	93.94	5.8	33.58	8.0	25.4	0.51
F15	13 Nov 2020	67	12.37	93.91	5.7	33.59	8.0	25.4	0.49
F15	13 Nov 2020	68	12.29	93.88	5.6	33.60	7.9	25.4	0.46
F15	13 Nov 2020	69	12.27	93.84	5.6	33.60	7.9	25.5	0.42
F15	13 Nov 2020	70	12.24	93.80	5.5	33.61	7.9	25.5	0.40
F15	13 Nov 2020	71	12.22	93.73	5.5	33.61	7.9	25.5	0.38
F15	13 Nov 2020	72	12.18	93.61	5.4	33.61	7.9	25.5	0.36
F15	13 Nov 2020	73	12.15	93.71	5.4	33.62	7.9	25.5	0.35
F15	13 Nov 2020	74	12.12	93.67	5.4	33.62	7.9	25.5	0.33
F15	13 Nov 2020	75	12.10	93.63	5.3	33.62	7.9	25.5	0.36
F15	13 Nov 2020	76	12.10	93.56	5.3	33.62	7.9	25.5	0.34
F15	13 Nov 2020	77	12.09	93.45	5.2	33.63	7.9	25.5	0.32
F15	13 Nov 2020	78	12.08	93.07	5.2	33.63	7.9	25.5	0.32
F15	13 Nov 2020	79	12.07	92.98	5.2	33.63	7.9	25.5	0.32
F15	13 Nov 2020	80	11.95	92.83	5.1	33.66	7.9	25.6	0.31
F15	13 Nov 2020	81	11.69	92.10	4.9	33.70	7.9	25.6	0.27
F16	13 Nov 2020	1	17.56	91.56	7.4	33.62	8.2	24.3	0.32
F16	13 Nov 2020	2	17.52	91.44	7.4	33.62	8.2	24.3	0.33
F16	13 Nov 2020	3	17.50	91.77	7.4	33.62	8.2	24.3	0.33
F16	13 Nov 2020	4	17.39	91.60	7.4	33.62	8.2	24.4	0.35
F16	13 Nov 2020	5	17.32	91.59	7.4	33.61	8.2	24.4	0.39
F16	13 Nov 2020	6	17.29	91.57	7.4	33.61	8.2	24.4	0.40
F16	13 Nov 2020	7	17.24	91.38	7.4	33.61	8.2	24.4	0.43
F16	13 Nov 2020	8	17.20	91.29	7.4	33.61	8.2	24.4	0.46
F16	13 Nov 2020	9	17.13	91.38	7.5	33.60	8.2	24.4	0.49
F16	13 Nov 2020	10	17.11	91.31	7.4	33.60	8.2	24.4	0.53
F16	13 Nov 2020	11	17.09	91.24	7.4	33.60	8.2	24.4	0.59
F16	13 Nov 2020	12	17.06	91.14	7.4	33.59	8.2	24.4	0.62

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ($\sigma\text{-t}$)	Chlor ($\mu\text{g/L}$)
F16	13 Nov 2020	13	17.03	91.24	7.4	33.59	8.2	24.4	0.67
F16	13 Nov 2020	14	16.99	91.16	7.4	33.59	8.2	24.4	0.72
F16	13 Nov 2020	15	16.95	91.03	7.4	33.59	8.1	24.4	0.81
F16	13 Nov 2020	16	16.91	90.96	7.4	33.59	8.1	24.5	0.81
F16	13 Nov 2020	17	16.87	91.02	7.4	33.59	8.1	24.5	0.90
F16	13 Nov 2020	18	16.78	91.01	7.4	33.58	8.1	24.5	0.99
F16	13 Nov 2020	19	16.61	90.86	7.3	33.57	8.1	24.5	1.15
F16	13 Nov 2020	20	16.42	90.56	7.3	33.56	8.1	24.5	1.32
F16	13 Nov 2020	21	16.32	90.54	7.2	33.55	8.1	24.6	1.48
F16	13 Nov 2020	22	15.82	90.41	7.1	33.54	8.1	24.7	1.67
F16	13 Nov 2020	23	14.95	90.16	7.0	33.51	8.1	24.8	1.87
F16	13 Nov 2020	24	14.53	89.80	6.8	33.48	8.1	24.9	1.99
F16	13 Nov 2020	25	14.47	89.71	6.7	33.47	8.0	24.9	2.08
F16	13 Nov 2020	26	14.39	89.71	6.5	33.47	8.0	24.9	2.07
F16	13 Nov 2020	27	14.29	90.04	6.4	33.48	8.0	25.0	1.94
F16	13 Nov 2020	28	14.26	90.37	6.3	33.48	8.0	25.0	1.91
F16	13 Nov 2020	29	14.08	90.42	6.2	33.49	8.0	25.0	1.86
F16	13 Nov 2020	30	13.95	90.45	6.1	33.49	8.0	25.0	1.79
F16	13 Nov 2020	31	13.81	90.59	6.0	33.50	8.0	25.1	1.64
F16	13 Nov 2020	32	13.76	90.84	6.0	33.49	8.0	25.1	1.57
F16	13 Nov 2020	33	13.73	91.11	6.0	33.49	8.0	25.1	1.53
F16	13 Nov 2020	34	13.78	91.12	6.0	33.50	8.0	25.1	1.53
F16	13 Nov 2020	35	13.61	91.36	6.0	33.50	8.0	25.1	1.43
F16	13 Nov 2020	36	13.56	91.64	6.0	33.50	8.0	25.1	1.34
F16	13 Nov 2020	37	13.52	91.87	6.0	33.50	8.0	25.1	1.27
F16	13 Nov 2020	38	13.47	91.98	6.0	33.50	8.0	25.1	1.19
F16	13 Nov 2020	39	13.24	92.23	6.1	33.49	8.0	25.2	1.13
F16	13 Nov 2020	40	13.22	92.64	6.2	33.49	8.0	25.2	1.08
F16	13 Nov 2020	41	13.18	92.71	6.2	33.49	8.0	25.2	1.03
F16	13 Nov 2020	42	13.06	92.79	6.2	33.49	8.0	25.2	0.98
F16	13 Nov 2020	43	12.97	93.07	6.2	33.48	8.0	25.2	0.96
F16	13 Nov 2020	44	12.97	93.28	6.3	33.48	8.0	25.2	0.94
F16	13 Nov 2020	45	12.83	93.38	6.3	33.49	8.0	25.3	0.90
F16	13 Nov 2020	46	12.81	93.51	6.2	33.49	8.0	25.3	0.86
F16	13 Nov 2020	47	12.72	93.55	6.2	33.51	8.0	25.3	0.81
F16	13 Nov 2020	48	12.68	93.64	6.2	33.52	8.0	25.3	0.77
F16	13 Nov 2020	49	12.66	93.74	6.1	33.53	8.0	25.3	0.74
F16	13 Nov 2020	50	12.65	93.78	6.1	33.53	8.0	25.3	0.72
F16	13 Nov 2020	51	12.64	93.80	6.0	33.53	8.0	25.3	0.71
F16	13 Nov 2020	52	12.64	93.82	6.1	33.53	8.0	25.3	0.70
F16	13 Nov 2020	53	12.65	93.82	6.1	33.53	8.0	25.3	0.69
F16	13 Nov 2020	54	12.62	93.78	6.1	33.54	8.0	25.3	0.68
F16	13 Nov 2020	55	12.62	93.79	6.0	33.54	8.0	25.3	0.67
F16	13 Nov 2020	56	12.61	93.78	6.0	33.54	8.0	25.3	0.66
F16	13 Nov 2020	57	12.61	93.83	6.0	33.55	8.0	25.3	0.66
F16	13 Nov 2020	58	12.60	93.83	6.0	33.55	8.0	25.3	0.65
F16	13 Nov 2020	59	12.61	93.82	6.0	33.55	8.0	25.3	0.64
F16	13 Nov 2020	60	12.59	93.84	6.0	33.55	8.0	25.4	0.63
F16	13 Nov 2020	61	12.56	93.82	5.9	33.56	8.0	25.4	0.62
F16	13 Nov 2020	62	12.52	93.81	5.9	33.57	8.0	25.4	0.58
F16	13 Nov 2020	63	12.48	93.81	5.8	33.58	8.0	25.4	0.56
F16	13 Nov 2020	64	12.43	93.80	5.7	33.59	8.0	25.4	0.51
F16	13 Nov 2020	65	12.40	93.72	5.6	33.59	7.9	25.4	0.47
F16	13 Nov 2020	66	12.36	93.68	5.6	33.60	7.9	25.4	0.46
F16	13 Nov 2020	67	12.30	93.71	5.6	33.60	7.9	25.4	0.44
F16	13 Nov 2020	68	12.24	93.80	5.5	33.61	7.9	25.5	0.43
F16	13 Nov 2020	69	12.20	93.85	5.5	33.62	7.9	25.5	0.42
F16	13 Nov 2020	70	12.17	93.77	5.5	33.62	7.9	25.5	0.40
F16	13 Nov 2020	71	12.12	93.81	5.4	33.63	7.9	25.5	0.39
F16	13 Nov 2020	72	12.09	93.96	5.5	33.63	7.9	25.5	0.39
F16	13 Nov 2020	73	12.10	93.86	5.5	33.63	7.9	25.5	0.38

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F16	13 Nov 2020	74	12.04	93.69	5.3	33.64	7.9	25.5	0.36
F16	13 Nov 2020	75	12.02	93.58	5.3	33.64	7.9	25.5	0.35
F16	13 Nov 2020	76	12.02	93.60	5.3	33.64	7.9	25.5	0.35
F16	13 Nov 2020	77	12.00	93.58	5.2	33.65	7.9	25.5	0.35
F16	13 Nov 2020	78	11.99	93.72	5.3	33.65	7.9	25.5	0.34
F16	13 Nov 2020	79	11.97	93.83	5.2	33.65	7.9	25.5	0.34
F16	13 Nov 2020	80	11.89	93.73	5.1	33.66	7.9	25.6	0.31
F16	13 Nov 2020	81	11.77	93.20	5.0	33.69	7.9	25.6	0.29
F16	13 Nov 2020	82	11.54	91.34	4.7	33.72	7.8	25.7	0.26
F17	13 Nov 2020	1	17.31	88.51	7.5	33.57	8.1	24.3	0.33
F17	13 Nov 2020	2	17.20	91.47	7.5	33.60	8.1	24.4	0.35
F17	13 Nov 2020	3	17.09	91.53	7.5	33.60	8.1	24.4	0.38
F17	13 Nov 2020	4	16.96	91.42	7.5	33.59	8.1	24.4	0.42
F17	13 Nov 2020	5	16.94	90.98	7.5	33.59	8.1	24.4	0.46
F17	13 Nov 2020	6	16.92	90.94	7.4	33.59	8.1	24.4	0.49
F17	13 Nov 2020	7	16.90	90.94	7.4	33.59	8.1	24.5	0.51
F17	13 Nov 2020	8	16.90	90.93	7.5	33.59	8.1	24.5	0.55
F17	13 Nov 2020	9	16.89	90.91	7.5	33.59	8.1	24.5	0.58
F17	13 Nov 2020	10	16.87	90.89	7.5	33.59	8.1	24.5	0.65
F17	13 Nov 2020	11	16.87	90.91	7.5	33.59	8.1	24.5	0.68
F17	13 Nov 2020	12	16.78	90.82	7.4	33.58	8.1	24.5	0.78
F17	13 Nov 2020	13	16.64	90.74	7.4	33.57	8.1	24.5	0.91
F17	13 Nov 2020	14	16.41	90.56	7.4	33.56	8.1	24.5	1.08
F17	13 Nov 2020	15	16.26	90.37	7.4	33.55	8.1	24.6	1.25
F17	13 Nov 2020	16	16.10	90.19	7.3	33.54	8.1	24.6	1.40
F17	13 Nov 2020	17	15.99	90.12	7.2	33.53	8.1	24.6	1.48
F17	13 Nov 2020	18	15.71	90.08	7.0	33.53	8.1	24.7	1.66
F17	13 Nov 2020	19	14.66	89.96	6.9	33.51	8.1	24.9	1.84
F17	13 Nov 2020	20	14.33	89.81	6.8	33.48	8.0	24.9	1.93
F17	13 Nov 2020	21	14.21	89.82	6.6	33.47	8.0	25.0	1.90
F17	13 Nov 2020	22	14.11	90.04	6.5	33.48	8.0	25.0	1.89
F17	13 Nov 2020	23	14.07	90.35	6.4	33.47	8.0	25.0	1.89
F17	13 Nov 2020	24	14.06	90.51	6.3	33.47	8.0	25.0	1.89
F17	13 Nov 2020	25	14.00	90.54	6.4	33.47	8.0	25.0	1.88
F17	13 Nov 2020	26	13.95	90.61	6.3	33.48	8.0	25.0	1.86
F17	13 Nov 2020	27	13.91	90.63	6.3	33.48	8.0	25.0	1.85
F17	13 Nov 2020	28	13.87	90.66	6.2	33.48	8.0	25.0	1.83
F17	13 Nov 2020	29	13.82	90.76	6.1	33.49	8.0	25.1	1.78
F17	13 Nov 2020	30	13.78	90.82	6.1	33.49	8.0	25.1	1.65
F17	13 Nov 2020	31	13.72	91.09	6.0	33.50	8.0	25.1	1.56
F17	13 Nov 2020	32	13.46	91.38	5.9	33.51	8.0	25.1	1.36
F17	13 Nov 2020	33	13.40	91.70	5.9	33.51	8.0	25.2	1.24
F17	13 Nov 2020	34	13.37	91.95	5.9	33.51	8.0	25.2	1.10
F17	13 Nov 2020	35	13.35	92.03	5.9	33.52	8.0	25.2	1.06
F17	13 Nov 2020	36	13.29	92.11	5.9	33.52	8.0	25.2	1.05
F17	13 Nov 2020	37	13.20	92.34	5.9	33.52	8.0	25.2	0.98
F17	13 Nov 2020	38	13.13	92.57	6.0	33.51	8.0	25.2	0.92
F17	13 Nov 2020	39	13.11	92.71	6.0	33.51	8.0	25.2	0.90
F17	13 Nov 2020	40	13.15	92.80	6.0	33.51	8.0	25.2	0.90
F17	13 Nov 2020	41	13.08	92.82	6.0	33.51	8.0	25.2	0.88
F17	13 Nov 2020	42	13.07	92.90	6.0	33.51	8.0	25.2	0.85
F17	13 Nov 2020	43	12.99	92.96	6.0	33.52	8.0	25.2	0.83
F17	13 Nov 2020	44	12.91	93.16	6.1	33.52	8.0	25.3	0.80
F17	13 Nov 2020	45	12.88	93.30	6.0	33.52	8.0	25.3	0.77
F17	13 Nov 2020	46	12.79	93.37	6.0	33.53	8.0	25.3	0.73
F17	13 Nov 2020	47	12.73	93.48	6.2	33.53	8.0	25.3	0.70
F17	13 Nov 2020	48	12.71	93.60	6.0	33.53	8.0	25.3	0.68
F17	13 Nov 2020	49	12.68	93.66	6.0	33.54	8.0	25.3	0.67
F17	13 Nov 2020	50	12.68	93.67	6.0	33.54	8.0	25.3	0.68
F17	13 Nov 2020	51	12.65	93.69	6.0	33.54	8.0	25.3	0.64

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F17	13 Nov 2020	52	12.62	93.69	6.0	33.55	8.0	25.3	0.63
F17	13 Nov 2020	53	12.63	93.73	5.9	33.55	8.0	25.3	0.62
F17	13 Nov 2020	54	12.60	93.74	5.9	33.55	8.0	25.4	0.61
F17	13 Nov 2020	55	12.53	93.74	5.8	33.57	7.9	25.4	0.56
F17	13 Nov 2020	56	12.52	93.71	5.8	33.57	7.9	25.4	0.52
F17	13 Nov 2020	57	12.46	93.68	5.7	33.58	7.9	25.4	0.49
F17	13 Nov 2020	58	12.41	93.66	5.7	33.59	7.9	25.4	0.47
F17	13 Nov 2020	59	12.39	93.65	5.6	33.59	7.9	25.4	0.44
F17	13 Nov 2020	60	12.38	93.68	5.6	33.59	7.9	25.4	0.43
F17	13 Nov 2020	61	12.37	93.67	5.6	33.59	7.9	25.4	0.44
F17	13 Nov 2020	62	12.36	93.65	5.6	33.59	7.9	25.4	0.41
F17	13 Nov 2020	63	12.35	93.64	5.6	33.59	7.9	25.4	0.42
F17	13 Nov 2020	64	12.35	93.64	5.6	33.59	7.9	25.4	0.41
F17	13 Nov 2020	65	12.34	93.60	5.5	33.59	7.9	25.4	0.41
F17	13 Nov 2020	66	12.34	93.57	5.5	33.59	7.9	25.4	0.40
F17	13 Nov 2020	67	12.34	93.52	5.6	33.59	7.9	25.4	0.41
F17	13 Nov 2020	68	12.34	93.41	5.5	33.60	7.9	25.4	0.41
F17	13 Nov 2020	69	12.32	93.17	5.5	33.60	7.9	25.4	0.40
F17	13 Nov 2020	70	12.25	93.35	5.5	33.61	7.9	25.5	0.40
F17	13 Nov 2020	71	12.18	93.67	5.4	33.62	7.9	25.5	0.38
F17	13 Nov 2020	72	12.14	93.50	5.4	33.62	7.9	25.5	0.38
F17	13 Nov 2020	73	12.13	93.44	5.4	33.63	7.9	25.5	0.35
F17	13 Nov 2020	74	12.11	93.38	5.3	33.63	7.9	25.5	0.36
F17	13 Nov 2020	75	12.05	93.07	5.3	33.64	7.9	25.5	0.35
F17	13 Nov 2020	76	11.98	92.43	5.1	33.65	7.9	25.5	0.31
F17	13 Nov 2020	77	11.89	91.94	5.0	33.67	7.9	25.6	0.30
F17	13 Nov 2020	78	11.84	91.42	4.9	33.67	7.9	25.6	0.28
F17	13 Nov 2020	79	11.77	90.91	4.8	33.68	7.9	25.6	0.27
F17	13 Nov 2020	80	11.68	90.51	4.7	33.70	7.8	25.6	0.27
F17	13 Nov 2020	81	11.50	90.33	4.6	33.73	7.8	25.7	0.24
F17	13 Nov 2020	82	11.60	90.15	4.6	33.71	7.8	25.7	0.25
F18	13 Nov 2020	1	16.91	90.35	7.5	33.58	8.1	24.4	0.37
F18	13 Nov 2020	2	16.86	89.63	7.5	33.58	8.1	24.5	0.41
F18	13 Nov 2020	3	16.78	90.48	7.5	33.58	8.1	24.5	0.42
F18	13 Nov 2020	4	16.73	90.46	7.5	33.58	8.1	24.5	0.44
F18	13 Nov 2020	5	16.66	90.42	7.5	33.57	8.1	24.5	0.49
F18	13 Nov 2020	6	16.62	90.28	7.5	33.57	8.1	24.5	0.57
F18	13 Nov 2020	7	16.58	90.23	7.5	33.56	8.1	24.5	0.62
F18	13 Nov 2020	8	16.54	90.18	7.5	33.56	8.1	24.5	0.66
F18	13 Nov 2020	9	16.51	90.26	7.5	33.56	8.1	24.5	0.73
F18	13 Nov 2020	10	16.43	90.26	7.5	33.56	8.1	24.5	0.82
F18	13 Nov 2020	11	16.37	90.25	7.5	33.55	8.1	24.5	0.92
F18	13 Nov 2020	12	16.28	90.14	7.4	33.55	8.1	24.6	1.04
F18	13 Nov 2020	13	16.12	90.09	7.4	33.54	8.1	24.6	1.16
F18	13 Nov 2020	14	16.03	90.15	7.3	33.53	8.1	24.6	1.29
F18	13 Nov 2020	15	15.72	90.08	7.2	33.53	8.1	24.7	1.51
F18	13 Nov 2020	16	15.50	89.98	7.2	33.51	8.1	24.7	1.69
F18	13 Nov 2020	17	15.31	89.61	7.1	33.50	8.1	24.8	1.88
F18	13 Nov 2020	18	15.05	89.37	7.0	33.50	8.1	24.8	2.09
F18	13 Nov 2020	19	14.62	89.60	6.9	33.49	8.0	24.9	2.11
F18	13 Nov 2020	20	14.22	89.74	6.8	33.47	8.0	25.0	2.04
F18	13 Nov 2020	21	14.10	90.11	6.7	33.47	8.0	25.0	1.92
F18	13 Nov 2020	22	14.04	90.39	6.6	33.46	8.0	25.0	1.86
F18	13 Nov 2020	23	14.01	90.51	6.5	33.47	8.0	25.0	1.82
F18	13 Nov 2020	24	13.93	90.67	6.4	33.47	8.0	25.0	1.82
F18	13 Nov 2020	25	13.87	90.72	6.3	33.48	8.0	25.0	1.79
F18	13 Nov 2020	26	13.80	90.87	6.3	33.48	8.0	25.1	1.73
F18	13 Nov 2020	27	13.75	90.90	6.2	33.48	8.0	25.1	1.67
F18	13 Nov 2020	28	13.71	91.04	6.2	33.49	8.0	25.1	1.68
F18	13 Nov 2020	29	13.68	91.04	6.1	33.49	8.0	25.1	1.66

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F18	13 Nov 2020	30	13.67	90.97	6.1	33.49	8.0	25.1	1.65
F18	13 Nov 2020	31	13.67	91.05	6.1	33.49	8.0	25.1	1.66
F18	13 Nov 2020	32	13.64	91.12	6.1	33.49	8.0	25.1	1.64
F18	13 Nov 2020	33	13.60	91.06	6.1	33.49	8.0	25.1	1.62
F18	13 Nov 2020	34	13.54	91.17	6.1	33.50	8.0	25.1	1.63
F18	13 Nov 2020	35	13.44	90.27	6.1	33.51	8.0	25.1	1.48
F18	13 Nov 2020	36	13.39	91.60	6.1	33.51	8.0	25.2	1.40
F18	13 Nov 2020	37	13.37	91.77	6.0	33.51	8.0	25.2	1.31
F18	13 Nov 2020	38	13.31	91.90	5.9	33.52	8.0	25.2	1.19
F18	13 Nov 2020	39	13.26	92.06	5.9	33.52	7.9	25.2	1.05
F18	13 Nov 2020	40	13.19	92.15	5.8	33.53	7.9	25.2	0.96
F18	13 Nov 2020	41	13.15	92.40	5.8	33.53	7.9	25.2	0.88
F18	13 Nov 2020	42	13.11	92.45	5.8	33.53	7.9	25.2	0.82
F18	13 Nov 2020	43	13.03	92.48	5.8	33.54	7.9	25.3	0.78
F18	13 Nov 2020	44	12.95	92.62	5.8	33.54	7.9	25.3	0.77
F18	13 Nov 2020	45	12.88	92.77	5.8	33.54	7.9	25.3	0.71
F18	13 Nov 2020	46	12.82	92.93	5.9	33.54	7.9	25.3	0.66
F18	13 Nov 2020	47	12.73	93.08	5.9	33.55	7.9	25.3	0.68
F18	13 Nov 2020	48	12.67	93.35	5.9	33.55	7.9	25.3	0.63
F18	13 Nov 2020	49	12.64	93.49	5.9	33.55	7.9	25.3	0.61
F18	13 Nov 2020	50	12.64	93.55	5.9	33.55	7.9	25.3	0.61
F18	13 Nov 2020	51	12.64	93.55	5.9	33.55	7.9	25.3	0.61
F18	13 Nov 2020	52	12.63	93.54	5.8	33.55	7.9	25.3	0.59
F18	13 Nov 2020	53	12.61	93.48	5.8	33.55	7.9	25.3	0.58
F18	13 Nov 2020	54	12.60	93.37	5.8	33.55	7.9	25.4	0.59
F18	13 Nov 2020	55	12.58	93.36	5.8	33.56	7.9	25.4	0.58
F18	13 Nov 2020	56	12.56	93.32	5.8	33.56	7.9	25.4	0.55
F18	13 Nov 2020	57	12.53	93.10	5.7	33.57	7.9	25.4	0.53
F18	13 Nov 2020	58	12.51	92.71	5.6	33.58	7.9	25.4	0.51
F18	13 Nov 2020	59	12.48	92.40	5.5	33.58	7.9	25.4	0.48
F18	13 Nov 2020	60	12.44	92.02	5.5	33.59	7.9	25.4	0.45
F18	13 Nov 2020	61	12.40	91.94	5.5	33.59	7.9	25.4	0.45
F18	13 Nov 2020	62	12.36	92.61	5.6	33.59	7.9	25.4	0.43
F18	13 Nov 2020	63	12.34	93.41	5.6	33.59	7.9	25.4	0.43
F18	13 Nov 2020	64	12.33	93.61	5.6	33.59	7.9	25.4	0.42
F18	13 Nov 2020	65	12.23	93.70	5.5	33.61	7.9	25.5	0.39
F18	13 Nov 2020	66	12.15	93.48	5.4	33.62	7.9	25.5	0.37
F18	13 Nov 2020	67	12.12	93.03	5.3	33.63	7.9	25.5	0.35
F18	13 Nov 2020	68	12.10	93.07	5.3	33.63	7.9	25.5	0.33
F18	13 Nov 2020	69	12.09	92.87	5.3	33.63	7.9	25.5	0.32
F18	13 Nov 2020	70	12.07	93.02	5.3	33.64	7.9	25.5	0.32
F18	13 Nov 2020	71	12.07	92.89	5.2	33.64	7.9	25.5	0.31
F18	13 Nov 2020	72	12.06	92.82	5.2	33.64	7.9	25.5	0.32
F18	13 Nov 2020	73	12.05	92.72	5.2	33.64	7.9	25.5	0.32
F18	13 Nov 2020	74	12.04	92.62	5.2	33.64	7.9	25.5	0.31
F18	13 Nov 2020	75	12.03	92.44	5.1	33.65	7.9	25.5	0.32
F18	13 Nov 2020	76	12.02	92.21	5.1	33.65	7.9	25.5	0.31
F18	13 Nov 2020	77	12.01	92.53	5.1	33.65	7.9	25.5	0.31
F18	13 Nov 2020	78	11.93	92.42	5.0	33.66	7.9	25.6	0.29
F18	13 Nov 2020	79	11.82	91.35	4.9	33.67	7.9	25.6	0.27
F18	13 Nov 2020	80	11.80	90.94	4.8	33.67	7.8	25.6	0.26
F18	13 Nov 2020	81	11.60	90.55	4.7	33.70	7.8	25.7	0.24
F18	13 Nov 2020	82	11.62	90.24	4.6	33.69	7.8	25.6	0.23
F19	13 Nov 2020	1	16.78	91.19	7.6	33.57	8.1	24.5	0.37
F19	13 Nov 2020	2	16.78	91.18	7.5	33.57	8.1	24.5	0.37
F19	13 Nov 2020	3	16.65	91.10	7.5	33.57	8.1	24.5	0.39
F19	13 Nov 2020	4	16.57	85.62	7.6	33.57	8.1	24.5	0.43
F19	13 Nov 2020	5	16.56	86.89	7.6	33.56	8.1	24.5	0.47
F19	13 Nov 2020	6	16.55	90.60	7.6	33.56	8.1	24.5	0.52
F19	13 Nov 2020	7	16.53	90.54	7.6	33.56	8.1	24.5	0.55

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F19	13 Nov 2020	8	16.52	90.40	7.6	33.56	8.1	24.5	0.59
F19	13 Nov 2020	9	16.52	90.49	7.6	33.56	8.1	24.5	0.64
F19	13 Nov 2020	10	16.51	90.49	7.6	33.56	8.1	24.5	0.67
F19	13 Nov 2020	11	16.50	90.52	7.6	33.56	8.1	24.5	0.72
F19	13 Nov 2020	12	16.50	90.51	7.6	33.56	8.1	24.5	0.78
F19	13 Nov 2020	13	16.50	90.50	7.5	33.56	8.1	24.5	0.83
F19	13 Nov 2020	14	16.42	90.18	7.5	33.56	8.1	24.5	0.98
F19	13 Nov 2020	15	16.29	90.32	7.4	33.55	8.1	24.6	1.13
F19	13 Nov 2020	16	15.96	90.50	7.3	33.54	8.1	24.6	1.32
F19	13 Nov 2020	17	15.55	90.38	7.2	33.52	8.1	24.7	1.61
F19	13 Nov 2020	18	15.41	89.99	7.2	33.50	8.1	24.7	1.77
F19	13 Nov 2020	19	15.14	90.08	7.0	33.50	8.1	24.8	1.92
F19	13 Nov 2020	20	14.43	89.93	6.9	33.47	8.0	24.9	2.16
F19	13 Nov 2020	21	14.44	89.88	6.9	33.45	8.0	24.9	2.20
F19	13 Nov 2020	22	13.94	90.00	6.7	33.47	8.0	25.0	2.03
F19	13 Nov 2020	23	13.72	90.47	6.6	33.46	8.0	25.1	1.83
F19	13 Nov 2020	24	13.66	90.95	6.5	33.46	8.0	25.1	1.70
F19	13 Nov 2020	25	13.62	91.26	6.4	33.47	8.0	25.1	1.58
F19	13 Nov 2020	26	13.56	91.55	6.2	33.48	8.0	25.1	1.44
F19	13 Nov 2020	27	13.52	91.65	6.0	33.49	8.0	25.1	1.33
F19	13 Nov 2020	28	13.50	91.71	6.0	33.50	8.0	25.1	1.24
F19	13 Nov 2020	29	13.50	91.69	5.9	33.50	7.9	25.1	1.22
F19	13 Nov 2020	30	13.50	91.71	5.9	33.50	7.9	25.1	1.20
F19	13 Nov 2020	31	13.49	91.75	5.9	33.51	7.9	25.1	1.16
F19	13 Nov 2020	32	13.45	91.81	5.8	33.51	7.9	25.1	1.07
F19	13 Nov 2020	33	13.37	91.89	5.8	33.52	7.9	25.2	1.01
F19	13 Nov 2020	34	13.35	92.11	5.8	33.52	7.9	25.2	0.93
F19	13 Nov 2020	35	13.22	92.22	5.8	33.53	7.9	25.2	0.87
F19	13 Nov 2020	36	13.14	92.43	5.8	33.53	7.9	25.2	0.84
F19	13 Nov 2020	37	13.06	92.52	5.8	33.53	7.9	25.2	0.80
F19	13 Nov 2020	38	12.99	92.50	5.8	33.54	7.9	25.3	0.76
F19	13 Nov 2020	39	12.87	92.73	5.8	33.55	7.9	25.3	0.70
F19	13 Nov 2020	40	12.95	92.94	5.8	33.54	7.9	25.3	0.70
F19	13 Nov 2020	41	12.81	93.03	5.8	33.55	7.9	25.3	0.65
F19	13 Nov 2020	42	12.79	93.04	5.8	33.55	7.9	25.3	0.64
F19	13 Nov 2020	43	12.76	93.08	5.8	33.55	7.9	25.3	0.61
F19	13 Nov 2020	44	12.75	93.14	5.8	33.55	7.9	25.3	0.59
F19	13 Nov 2020	45	12.73	93.15	5.8	33.55	7.9	25.3	0.59
F19	13 Nov 2020	46	12.71	93.17	5.8	33.55	7.9	25.3	0.57
F19	13 Nov 2020	47	12.64	93.19	5.7	33.56	7.9	25.3	0.56
F19	13 Nov 2020	48	12.56	93.30	5.8	33.56	7.9	25.4	0.56
F19	13 Nov 2020	49	12.60	93.47	5.8	33.56	7.9	25.4	0.54
F19	13 Nov 2020	50	12.47	93.59	5.8	33.57	7.9	25.4	0.54
F19	13 Nov 2020	51	12.46	93.70	5.8	33.57	7.9	25.4	0.53
F19	13 Nov 2020	52	12.45	93.75	5.8	33.57	7.9	25.4	0.53
F19	13 Nov 2020	53	12.43	93.73	5.8	33.58	7.9	25.4	0.54
F19	13 Nov 2020	54	12.41	93.78	5.7	33.58	7.9	25.4	0.51
F19	13 Nov 2020	55	12.39	93.82	5.7	33.58	7.9	25.4	0.51
F19	13 Nov 2020	56	12.39	93.83	5.7	33.58	7.9	25.4	0.51
F19	13 Nov 2020	57	12.37	93.84	5.7	33.59	7.9	25.4	0.49
F19	13 Nov 2020	58	12.35	93.86	5.7	33.59	7.9	25.4	0.47
F19	13 Nov 2020	59	12.29	93.90	5.6	33.60	7.9	25.4	0.46
F19	13 Nov 2020	60	12.29	93.82	5.6	33.60	7.9	25.4	0.45
F19	13 Nov 2020	61	12.27	93.83	5.6	33.60	7.9	25.5	0.44
F19	13 Nov 2020	62	12.23	93.78	5.5	33.61	7.9	25.5	0.41
F19	13 Nov 2020	63	12.21	93.69	5.5	33.61	7.9	25.5	0.39
F19	13 Nov 2020	64	12.19	93.60	5.4	33.62	7.9	25.5	0.39
F19	13 Nov 2020	65	12.17	93.56	5.4	33.62	7.9	25.5	0.38
F19	13 Nov 2020	66	12.17	93.55	5.4	33.62	7.9	25.5	0.37
F19	13 Nov 2020	67	12.14	93.59	5.3	33.63	7.9	25.5	0.35
F19	13 Nov 2020	68	12.13	93.39	5.3	33.63	7.9	25.5	0.35

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F19	13 Nov 2020	69	12.14	93.37	5.3	33.63	7.9	25.5	0.35
F19	13 Nov 2020	70	12.12	93.49	5.3	33.63	7.9	25.5	0.36
F19	13 Nov 2020	71	12.12	93.56	5.3	33.63	7.9	25.5	0.36
F19	13 Nov 2020	72	12.12	93.57	5.3	33.63	7.9	25.5	0.35
F19	13 Nov 2020	73	12.11	93.55	5.3	33.63	7.9	25.5	0.36
F19	13 Nov 2020	74	12.09	93.54	5.3	33.63	7.9	25.5	0.35
F19	13 Nov 2020	75	12.01	93.55	5.2	33.65	7.9	25.5	0.33
F19	13 Nov 2020	76	11.99	92.95	5.1	33.65	7.9	25.5	0.30
F19	13 Nov 2020	77	11.97	92.43	5.1	33.65	7.9	25.5	0.29
F19	13 Nov 2020	78	11.94	92.34	5.0	33.65	7.9	25.6	0.28
F19	13 Nov 2020	79	11.91	92.02	5.0	33.65	7.9	25.6	0.28
F19	13 Nov 2020	80	11.86	91.88	5.0	33.65	7.9	25.6	0.27
F19	13 Nov 2020	81	11.79	92.00	4.9	33.66	7.8	25.6	0.26
F19	13 Nov 2020	82	11.71	92.04	4.8	33.67	7.8	25.6	0.25
F19	13 Nov 2020	83	11.72	91.76	4.8	33.66	7.8	25.6	0.25
F19	13 Nov 2020	84	11.77	91.69	4.8	33.66	7.8	25.6	0.25
F20	13 Nov 2020	1	16.75	91.06	7.6	33.57	8.1	24.5	0.37
F20	13 Nov 2020	2	16.70	91.03	7.5	33.57	8.1	24.5	0.39
F20	13 Nov 2020	3	16.56	90.90	7.6	33.57	8.1	24.5	0.43
F20	13 Nov 2020	4	16.54	90.68	7.6	33.56	8.1	24.5	0.47
F20	13 Nov 2020	5	16.52	90.58	7.6	33.56	8.1	24.5	0.51
F20	13 Nov 2020	6	16.52	90.40	7.5	33.56	8.1	24.5	0.53
F20	13 Nov 2020	7	16.51	90.43	7.5	33.56	8.1	24.5	0.56
F20	13 Nov 2020	8	16.50	90.35	7.5	33.56	8.1	24.5	0.61
F20	13 Nov 2020	9	16.49	90.37	7.6	33.56	8.1	24.5	0.65
F20	13 Nov 2020	10	16.50	90.40	7.5	33.56	8.1	24.5	0.69
F20	13 Nov 2020	11	16.48	90.32	7.5	33.56	8.1	24.5	0.77
F20	13 Nov 2020	12	16.47	90.32	7.5	33.56	8.1	24.5	0.83
F20	13 Nov 2020	13	16.47	90.31	7.5	33.56	8.1	24.5	0.89
F20	13 Nov 2020	14	16.47	90.32	7.6	33.56	8.1	24.5	0.94
F20	13 Nov 2020	15	16.47	90.33	7.5	33.56	8.1	24.5	0.99
F20	13 Nov 2020	16	16.46	90.36	7.5	33.56	8.1	24.5	1.04
F20	13 Nov 2020	17	16.44	90.36	7.5	33.56	8.1	24.5	1.07
F20	13 Nov 2020	18	16.15	90.41	7.3	33.56	8.1	24.6	1.29
F20	13 Nov 2020	19	15.14	90.19	7.1	33.53	8.1	24.8	1.69
F20	13 Nov 2020	20	14.78	89.83	7.0	33.49	8.0	24.9	2.01
F20	13 Nov 2020	21	14.61	89.70	6.9	33.48	8.0	24.9	2.23
F20	13 Nov 2020	22	14.49	89.84	6.8	33.48	8.0	24.9	2.32
F20	13 Nov 2020	23	14.38	89.83	6.7	33.48	8.0	24.9	2.33
F20	13 Nov 2020	24	13.84	90.11	6.6	33.48	8.0	25.0	2.14
F20	13 Nov 2020	25	13.59	90.75	6.6	33.46	8.0	25.1	1.87
F20	13 Nov 2020	26	13.50	91.45	6.4	33.47	8.0	25.1	1.62
F20	13 Nov 2020	27	13.44	91.79	6.3	33.47	8.0	25.1	1.46
F20	13 Nov 2020	28	13.43	91.93	6.2	33.49	8.0	25.1	1.31
F20	13 Nov 2020	29	13.42	91.95	6.0	33.50	8.0	25.1	1.19
F20	13 Nov 2020	30	13.42	91.93	5.9	33.50	7.9	25.2	1.17
F20	13 Nov 2020	31	13.41	91.99	5.9	33.51	7.9	25.2	1.10
F20	13 Nov 2020	32	13.41	92.02	5.8	33.51	7.9	25.2	1.05
F20	13 Nov 2020	33	13.40	91.94	5.8	33.51	7.9	25.2	0.99
F20	13 Nov 2020	34	13.36	92.03	5.8	33.52	7.9	25.2	0.95
F20	13 Nov 2020	35	13.29	92.02	5.8	33.52	7.9	25.2	0.87
F20	13 Nov 2020	36	13.27	92.36	5.7	33.52	7.9	25.2	0.85
F20	13 Nov 2020	37	13.11	92.46	5.8	33.53	7.9	25.2	0.85
F20	13 Nov 2020	38	13.07	92.61	5.8	33.53	7.9	25.2	0.81
F20	13 Nov 2020	39	12.99	92.66	5.7	33.54	7.9	25.3	0.78
F20	13 Nov 2020	40	12.99	92.71	5.7	33.54	7.9	25.3	0.72
F20	13 Nov 2020	41	12.91	92.73	5.7	33.55	7.9	25.3	0.68
F20	13 Nov 2020	42	12.90	92.80	5.7	33.54	7.9	25.3	0.66
F20	13 Nov 2020	43	12.81	92.86	5.7	33.55	7.9	25.3	0.64
F20	13 Nov 2020	44	12.79	92.89	5.7	33.55	7.9	25.3	0.60

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F20	13 Nov 2020	45	12.77	92.92	5.7	33.55	7.9	25.3	0.59
F20	13 Nov 2020	46	12.74	92.98	5.7	33.55	7.9	25.3	0.56
F20	13 Nov 2020	47	12.71	93.02	5.7	33.56	7.9	25.3	0.60
F20	13 Nov 2020	48	12.69	93.04	5.7	33.56	7.9	25.3	0.55
F20	13 Nov 2020	49	12.66	93.06	5.7	33.56	7.9	25.3	0.53
F20	13 Nov 2020	50	12.66	93.11	5.7	33.56	7.9	25.3	0.54
F20	13 Nov 2020	51	12.63	93.11	5.7	33.56	7.9	25.3	0.53
F20	13 Nov 2020	52	12.61	93.18	5.6	33.56	7.9	25.4	0.52
F20	13 Nov 2020	53	12.61	93.18	5.7	33.56	7.9	25.4	0.52
F20	13 Nov 2020	54	12.58	93.26	5.7	33.56	7.9	25.4	0.52
F20	13 Nov 2020	55	12.56	93.26	5.7	33.56	7.9	25.4	0.53
F20	13 Nov 2020	56	12.52	93.34	5.7	33.57	7.9	25.4	0.51
F20	13 Nov 2020	57	12.51	93.44	5.7	33.57	7.9	25.4	0.49
F20	13 Nov 2020	58	12.43	93.49	5.7	33.58	7.9	25.4	0.47
F20	13 Nov 2020	59	12.39	93.54	5.7	33.58	7.9	25.4	0.49
F20	13 Nov 2020	60	12.38	93.81	5.7	33.58	7.9	25.4	0.48
F20	13 Nov 2020	61	12.30	93.97	5.7	33.59	7.9	25.4	0.51
F20	13 Nov 2020	62	12.30	93.98	5.7	33.59	7.9	25.4	0.48
F20	13 Nov 2020	63	12.29	93.99	5.7	33.60	7.9	25.4	0.48
F20	13 Nov 2020	64	12.27	94.01	5.6	33.60	7.9	25.4	0.46
F20	13 Nov 2020	65	12.27	93.95	5.6	33.60	7.9	25.5	0.46
F20	13 Nov 2020	66	12.26	94.00	5.6	33.60	7.9	25.5	0.45
F20	13 Nov 2020	67	12.25	94.00	5.6	33.61	7.9	25.5	0.45
F20	13 Nov 2020	68	12.23	94.00	5.6	33.61	7.9	25.5	0.45
F20	13 Nov 2020	69	12.22	94.00	5.5	33.61	7.9	25.5	0.45
F20	13 Nov 2020	70	12.20	93.96	5.5	33.62	7.9	25.5	0.42
F20	13 Nov 2020	71	12.18	93.93	5.5	33.62	7.9	25.5	0.42
F20	13 Nov 2020	72	12.15	93.90	5.5	33.62	7.9	25.5	0.41
F20	13 Nov 2020	73	12.11	93.86	5.5	33.62	7.9	25.5	0.39
F20	13 Nov 2020	74	12.08	93.91	5.4	33.62	7.9	25.5	0.39
F20	13 Nov 2020	75	12.06	93.86	5.4	33.62	7.9	25.5	0.38
F20	13 Nov 2020	76	11.98	93.82	5.3	33.63	7.9	25.5	0.37
F20	13 Nov 2020	77	11.95	93.46	5.2	33.64	7.9	25.5	0.31
F20	13 Nov 2020	78	11.95	92.79	5.1	33.64	7.9	25.5	0.31
F20	13 Nov 2020	79	11.81	92.77	5.0	33.66	7.8	25.6	0.28
F20	13 Nov 2020	80	11.75	91.48	4.9	33.67	7.8	25.6	0.26
F20	13 Nov 2020	81	11.68	90.46	4.8	33.68	7.8	25.6	0.25
F20	13 Nov 2020	82	11.68	90.19	4.8	33.68	7.8	25.6	0.25
F20	13 Nov 2020	83	11.70	90.19	4.8	33.68	7.8	25.6	0.25
F21	13 Nov 2020	1	16.51	90.09	7.5	33.55	8.1	24.5	0.48
F21	13 Nov 2020	2	16.50	90.11	7.5	33.55	8.1	24.5	0.50
F21	13 Nov 2020	3	16.48	90.20	7.5	33.55	8.1	24.5	0.51
F21	13 Nov 2020	4	16.44	90.14	7.5	33.55	8.1	24.5	0.56
F21	13 Nov 2020	5	16.43	90.05	7.5	33.55	8.1	24.5	0.62
F21	13 Nov 2020	6	16.42	90.06	7.5	33.55	8.1	24.5	0.64
F21	13 Nov 2020	7	16.44	89.90	7.5	33.55	8.1	24.5	0.68
F21	13 Nov 2020	8	16.42	90.02	7.5	33.55	8.1	24.5	0.74
F21	13 Nov 2020	9	16.41	89.97	7.6	33.55	8.1	24.5	0.82
F21	13 Nov 2020	10	16.40	90.00	7.6	33.55	8.1	24.5	0.91
F21	13 Nov 2020	11	16.39	90.10	7.5	33.55	8.1	24.5	0.96
F21	13 Nov 2020	12	16.37	89.89	7.5	33.55	8.1	24.6	1.04
F21	13 Nov 2020	13	16.35	90.05	7.5	33.55	8.1	24.6	1.09
F21	13 Nov 2020	14	16.34	90.06	7.5	33.55	8.1	24.6	1.21
F21	13 Nov 2020	15	16.32	90.01	7.5	33.55	8.1	24.6	1.27
F21	13 Nov 2020	16	16.31	89.96	7.5	33.55	8.1	24.6	1.34
F21	13 Nov 2020	17	16.23	89.72	7.5	33.55	8.1	24.6	1.46
F21	13 Nov 2020	18	16.15	89.23	7.5	33.55	8.1	24.6	1.58
F21	13 Nov 2020	19	16.08	88.72	7.4	33.54	8.1	24.6	1.65
F21	13 Nov 2020	20	15.76	88.76	7.3	33.53	8.1	24.7	1.73
F21	13 Nov 2020	21	15.24	88.98	7.2	33.51	8.1	24.8	1.99

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F21	13 Nov 2020	22	14.89	89.27	7.0	33.50	8.0	24.8	2.26
F21	13 Nov 2020	23	14.50	89.23	6.8	33.49	8.0	24.9	2.42
F21	13 Nov 2020	24	14.32	89.41	6.7	33.49	8.0	25.0	2.45
F21	13 Nov 2020	25	14.13	89.58	6.5	33.49	8.0	25.0	2.31
F21	13 Nov 2020	26	14.03	89.97	6.4	33.49	8.0	25.0	2.30
F21	13 Nov 2020	27	13.82	90.04	6.3	33.49	8.0	25.1	2.29
F21	13 Nov 2020	28	13.75	90.45	6.3	33.48	8.0	25.1	2.66
F21	13 Nov 2020	29	13.73	90.74	6.3	33.49	8.0	25.1	2.24
F21	13 Nov 2020	30	13.56	91.03	6.3	33.48	8.0	25.1	1.95
F21	13 Nov 2020	31	13.54	91.33	6.3	33.48	8.0	25.1	1.83
F21	13 Nov 2020	32	13.48	91.33	6.2	33.49	8.0	25.1	1.72
F21	13 Nov 2020	33	13.50	91.58	6.2	33.49	8.0	25.1	1.57
F21	13 Nov 2020	34	13.39	91.75	6.1	33.50	8.0	25.2	1.41
F21	13 Nov 2020	35	13.37	91.98	6.0	33.51	7.9	25.2	1.24
F21	13 Nov 2020	36	13.29	92.13	5.9	33.52	7.9	25.2	1.06
F21	13 Nov 2020	37	13.28	92.29	5.8	33.52	7.9	25.2	0.93
F21	13 Nov 2020	38	13.17	92.36	5.8	33.53	7.9	25.2	0.82
F21	13 Nov 2020	39	13.15	92.52	5.7	33.53	7.9	25.2	0.75
F21	13 Nov 2020	40	13.14	92.54	5.8	33.53	7.9	25.2	0.71
F21	13 Nov 2020	41	13.09	92.56	5.7	33.54	7.9	25.2	0.66
F21	13 Nov 2020	42	13.10	92.64	5.7	33.53	7.9	25.2	0.66
F21	13 Nov 2020	43	13.02	92.66	5.7	33.54	7.9	25.3	0.65
F21	13 Nov 2020	44	12.95	92.69	5.7	33.55	7.9	25.3	0.63
F21	13 Nov 2020	45	12.82	92.75	5.7	33.55	7.9	25.3	0.62
F21	13 Nov 2020	46	12.82	92.82	5.6	33.55	7.9	25.3	0.59
F21	13 Nov 2020	47	12.71	92.89	5.6	33.56	7.9	25.3	0.58
F21	13 Nov 2020	48	12.68	92.93	5.6	33.56	7.9	25.3	0.54
F21	13 Nov 2020	49	12.65	92.90	5.6	33.56	7.9	25.4	0.52
F21	13 Nov 2020	50	12.58	93.07	5.6	33.57	7.9	25.4	0.51
F21	13 Nov 2020	51	12.54	93.14	5.6	33.57	7.9	25.4	0.48
F21	13 Nov 2020	52	12.49	93.18	5.6	33.57	7.9	25.4	0.46
F21	13 Nov 2020	53	12.50	93.30	5.6	33.57	7.9	25.4	0.46
F21	13 Nov 2020	54	12.47	93.34	5.6	33.58	7.9	25.4	0.46
F21	13 Nov 2020	55	12.37	93.36	5.5	33.58	7.9	25.4	0.45
F21	13 Nov 2020	56	12.29	93.40	5.5	33.59	7.9	25.4	0.41
F21	13 Nov 2020	57	12.31	93.52	5.5	33.59	7.9	25.4	0.42
F21	13 Nov 2020	58	12.22	93.62	5.5	33.60	7.9	25.5	0.40
F21	13 Nov 2020	59	12.20	93.59	5.5	33.60	7.9	25.5	0.39
F21	13 Nov 2020	60	12.19	93.63	5.5	33.60	7.9	25.5	0.38
F21	13 Nov 2020	61	12.19	93.66	5.5	33.60	7.9	25.5	0.39
F21	13 Nov 2020	62	12.20	93.66	5.5	33.60	7.9	25.5	0.38
F21	13 Nov 2020	63	12.20	93.67	5.5	33.60	7.9	25.5	0.39
F21	13 Nov 2020	64	12.20	93.71	5.5	33.60	7.9	25.5	0.39
F21	13 Nov 2020	65	12.21	93.70	5.5	33.60	7.9	25.5	0.39
F21	13 Nov 2020	66	12.21	93.71	5.5	33.60	7.9	25.5	0.39
F21	13 Nov 2020	67	12.19	93.67	5.4	33.61	7.9	25.5	0.39
F21	13 Nov 2020	68	12.12	93.71	5.4	33.62	7.9	25.5	0.41
F21	13 Nov 2020	69	12.09	93.80	5.4	33.62	7.9	25.5	0.39
F21	13 Nov 2020	70	12.09	93.85	5.4	33.62	7.9	25.5	0.39
F21	13 Nov 2020	71	12.06	93.88	5.4	33.62	7.9	25.5	0.38
F21	13 Nov 2020	72	12.02	93.92	5.4	33.63	7.9	25.5	0.38
F21	13 Nov 2020	73	11.98	93.93	5.4	33.63	7.9	25.5	0.37
F21	13 Nov 2020	74	11.94	93.87	5.3	33.63	7.9	25.5	0.36
F21	13 Nov 2020	75	11.91	93.79	5.3	33.63	7.9	25.5	0.33
F21	13 Nov 2020	76	11.90	93.67	5.2	33.63	7.9	25.5	0.32
F21	13 Nov 2020	77	11.87	93.50	5.2	33.64	7.9	25.6	0.30
F21	13 Nov 2020	78	11.87	93.13	5.1	33.64	7.9	25.6	0.30
F21	13 Nov 2020	79	11.81	93.09	5.0	33.66	7.9	25.6	0.29
F21	13 Nov 2020	80	11.78	92.08	5.0	33.67	7.8	25.6	0.27
F21	13 Nov 2020	81	11.71	91.45	4.9	33.68	7.8	25.6	0.28
F21	13 Nov 2020	82	11.70	91.04	4.9	33.68	7.8	25.6	0.27

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F21	13 Nov 2020	83	11.68	90.92	4.8	33.69	7.8	25.6	0.26
F21	13 Nov 2020	84	11.69	90.80	4.8	33.69	7.8	25.6	0.27
F22	13 Nov 2020	1	16.36	90.25	7.5	33.55	8.1	24.5	0.49
F22	13 Nov 2020	2	16.29	90.11	7.5	33.55	8.1	24.6	0.52
F22	13 Nov 2020	3	16.20	89.81	7.5	33.55	8.1	24.6	0.57
F22	13 Nov 2020	4	16.19	89.64	7.5	33.55	8.1	24.6	0.63
F22	13 Nov 2020	5	16.18	89.59	7.5	33.55	8.1	24.6	0.69
F22	13 Nov 2020	6	16.16	89.39	7.5	33.55	8.1	24.6	0.77
F22	13 Nov 2020	7	16.15	89.32	7.5	33.55	8.1	24.6	0.83
F22	13 Nov 2020	8	16.14	89.30	7.5	33.55	8.1	24.6	0.95
F22	13 Nov 2020	9	16.12	89.03	7.4	33.55	8.1	24.6	1.11
F22	13 Nov 2020	10	16.11	88.83	7.5	33.55	8.1	24.6	1.19
F22	13 Nov 2020	11	16.10	88.59	7.5	33.55	8.1	24.6	1.27
F22	13 Nov 2020	12	16.08	88.51	7.5	33.55	8.1	24.6	1.40
F22	13 Nov 2020	13	16.06	88.13	7.5	33.54	8.1	24.6	1.53
F22	13 Nov 2020	14	16.04	87.81	7.5	33.54	8.1	24.6	1.63
F22	13 Nov 2020	15	16.02	87.59	7.5	33.54	8.1	24.6	1.70
F22	13 Nov 2020	16	16.01	87.53	7.5	33.54	8.1	24.6	1.80
F22	13 Nov 2020	17	15.98	87.39	7.5	33.54	8.1	24.6	1.86
F22	13 Nov 2020	18	15.91	87.43	7.5	33.54	8.1	24.6	1.99
F22	13 Nov 2020	19	15.77	87.28	7.4	33.54	8.1	24.7	2.14
F22	13 Nov 2020	20	15.64	87.31	7.4	33.53	8.1	24.7	2.19
F22	13 Nov 2020	21	15.47	87.29	7.3	33.53	8.1	24.7	2.37
F22	13 Nov 2020	22	15.12	87.38	7.1	33.52	8.1	24.8	2.53
F22	13 Nov 2020	23	14.37	87.74	7.0	33.50	8.0	24.9	2.90
F22	13 Nov 2020	24	14.11	88.01	6.9	33.47	8.0	25.0	3.11
F22	13 Nov 2020	25	13.96	88.32	6.7	33.47	8.0	25.0	3.01
F22	13 Nov 2020	26	13.91	88.98	6.6	33.47	8.0	25.0	2.80
F22	13 Nov 2020	27	13.93	89.39	6.6	33.48	8.0	25.0	2.74
F22	13 Nov 2020	28	13.80	89.63	6.5	33.48	8.0	25.1	2.56
F22	13 Nov 2020	29	13.70	89.77	6.3	33.48	8.0	25.1	2.29
F22	13 Nov 2020	30	13.42	90.67	6.2	33.51	8.0	25.2	1.74
F22	13 Nov 2020	31	13.30	91.76	6.1	33.51	7.9	25.2	1.32
F22	13 Nov 2020	32	13.24	91.98	6.0	33.51	7.9	25.2	1.15
F22	13 Nov 2020	33	13.20	92.30	6.0	33.51	7.9	25.2	1.17
F22	13 Nov 2020	34	13.19	92.45	6.0	33.51	7.9	25.2	1.02
F22	13 Nov 2020	35	13.17	92.45	5.9	33.52	7.9	25.2	0.98
F22	13 Nov 2020	36	13.16	92.38	5.9	33.52	7.9	25.2	0.94
F22	13 Nov 2020	37	13.14	92.50	5.9	33.52	7.9	25.2	0.85
F22	13 Nov 2020	38	13.05	92.69	5.8	33.54	7.9	25.2	0.76
F22	13 Nov 2020	39	13.00	92.73	5.7	33.54	7.9	25.3	0.71
F22	13 Nov 2020	40	13.00	92.77	5.7	33.54	7.9	25.3	0.67
F22	13 Nov 2020	41	12.91	92.78	5.7	33.55	7.9	25.3	0.69
F22	13 Nov 2020	42	12.88	92.83	5.7	33.55	7.9	25.3	0.66
F22	13 Nov 2020	43	12.83	92.91	5.7	33.55	7.9	25.3	0.62
F22	13 Nov 2020	44	12.75	92.89	5.7	33.56	7.9	25.3	0.60
F22	13 Nov 2020	45	12.70	92.95	5.6	33.56	7.9	25.3	0.57
F22	13 Nov 2020	46	12.66	92.55	5.6	33.56	7.9	25.3	0.53
F22	13 Nov 2020	47	12.59	92.82	5.6	33.57	7.9	25.4	0.51
F22	13 Nov 2020	48	12.59	93.05	5.5	33.57	7.9	25.4	0.49
F22	13 Nov 2020	49	12.51	93.03	5.5	33.58	7.9	25.4	0.49
F22	13 Nov 2020	50	12.50	93.07	5.5	33.58	7.9	25.4	0.47
F22	13 Nov 2020	51	12.43	93.15	5.5	33.58	7.9	25.4	0.45
F22	13 Nov 2020	52	12.39	93.31	5.6	33.58	7.9	25.4	0.46
F22	13 Nov 2020	53	12.35	93.37	5.5	33.58	7.9	25.4	0.45
F22	13 Nov 2020	54	12.31	93.39	5.5	33.59	7.9	25.4	0.43
F22	13 Nov 2020	55	12.29	93.49	5.5	33.59	7.9	25.4	0.43
F22	13 Nov 2020	56	12.25	93.49	5.5	33.60	7.9	25.5	0.42
F22	13 Nov 2020	57	12.17	93.60	5.5	33.60	7.9	25.5	0.42
F22	13 Nov 2020	58	12.15	93.64	5.5	33.61	7.9	25.5	0.42

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ($\sigma-t$)	Chlor ($\mu\text{g}/\text{L}$)
F22	13 Nov 2020	59	12.12	93.69	5.5	33.61	7.9	25.5	0.41
F22	13 Nov 2020	60	12.10	93.70	5.4	33.62	7.9	25.5	0.39
F22	13 Nov 2020	61	12.10	93.71	5.4	33.62	7.9	25.5	0.40
F22	13 Nov 2020	62	12.08	93.71	5.4	33.62	7.9	25.5	0.39
F22	13 Nov 2020	63	12.05	93.73	5.4	33.62	7.9	25.5	0.38
F22	13 Nov 2020	64	12.06	93.78	5.4	33.62	7.9	25.5	0.38
F22	13 Nov 2020	65	12.05	93.77	5.4	33.62	7.9	25.5	0.38
F22	13 Nov 2020	66	12.05	93.79	5.4	33.63	7.9	25.5	0.39
F22	13 Nov 2020	67	12.01	93.78	5.3	33.64	7.9	25.5	0.36
F22	13 Nov 2020	68	11.98	93.57	5.3	33.64	7.9	25.5	0.37
F22	13 Nov 2020	69	11.98	93.48	5.3	33.64	7.9	25.5	0.37
F22	13 Nov 2020	70	11.95	93.44	5.2	33.65	7.9	25.5	0.36
F22	13 Nov 2020	71	11.94	93.28	5.2	33.65	7.9	25.5	0.34
F22	13 Nov 2020	72	11.92	92.92	5.2	33.65	7.9	25.6	0.33
F22	13 Nov 2020	73	11.90	92.68	5.1	33.65	7.9	25.6	0.32
F22	13 Nov 2020	74	11.89	92.34	5.1	33.65	7.8	25.6	0.30
F22	13 Nov 2020	75	11.87	92.11	5.0	33.66	7.8	25.6	0.29
F22	13 Nov 2020	76	11.85	92.01	5.0	33.66	7.8	25.6	0.29
F22	13 Nov 2020	77	11.84	91.94	5.0	33.66	7.8	25.6	0.28
F22	13 Nov 2020	78	11.83	91.77	4.9	33.66	7.8	25.6	0.27
F22	13 Nov 2020	79	11.65	91.02	4.8	33.70	7.8	25.6	0.27
F22	13 Nov 2020	80	11.54	90.00	4.7	33.71	7.8	25.7	0.25
F22	13 Nov 2020	81	11.54	89.77	4.6	33.71	7.8	25.7	0.25
F22	13 Nov 2020	82	11.59	87.13	4.7	33.70	7.8	25.7	0.25
F23	13 Nov 2020	1	16.07	87.81	7.5	33.54	8.1	24.6	0.76
F23	13 Nov 2020	2	16.04	87.72	7.5	33.54	8.1	24.6	0.79
F23	13 Nov 2020	3	16.01	87.77	7.5	33.54	8.1	24.6	0.83
F23	13 Nov 2020	4	15.98	87.66	7.5	33.54	8.1	24.6	0.92
F23	13 Nov 2020	5	15.97	87.41	7.5	33.54	8.1	24.6	1.06
F23	13 Nov 2020	6	15.96	87.42	7.6	33.54	8.1	24.6	1.16
F23	13 Nov 2020	7	15.94	87.40	7.5	33.54	8.1	24.6	1.29
F23	13 Nov 2020	8	15.93	87.26	7.5	33.54	8.1	24.6	1.49
F23	13 Nov 2020	9	15.92	87.28	7.5	33.54	8.1	24.6	1.59
F23	13 Nov 2020	10	15.91	87.21	7.5	33.54	8.1	24.6	1.73
F23	13 Nov 2020	11	15.90	87.17	7.7	33.54	8.1	24.6	1.88
F23	13 Nov 2020	12	15.90	87.06	7.5	33.54	8.1	24.6	1.90
F23	13 Nov 2020	13	15.90	87.16	7.5	33.54	8.1	24.6	1.93
F23	13 Nov 2020	14	15.90	87.12	7.5	33.54	8.1	24.6	1.95
F23	13 Nov 2020	15	15.90	87.05	7.5	33.54	8.1	24.6	1.94
F23	13 Nov 2020	16	15.89	87.13	7.5	33.54	8.1	24.6	1.99
F23	13 Nov 2020	17	15.88	87.17	7.5	33.54	8.1	24.6	2.05
F23	13 Nov 2020	18	15.86	87.22	7.5	33.54	8.1	24.7	2.09
F23	13 Nov 2020	19	15.84	87.27	7.5	33.53	8.1	24.7	2.15
F23	13 Nov 2020	20	15.81	87.20	7.5	33.53	8.1	24.7	2.19
F23	13 Nov 2020	21	15.75	87.32	7.4	33.53	8.1	24.7	2.26
F23	13 Nov 2020	22	15.66	87.41	7.4	33.53	8.1	24.7	2.24
F23	13 Nov 2020	23	15.51	87.44	7.3	33.52	8.1	24.7	2.37
F23	13 Nov 2020	24	15.33	87.53	7.2	33.52	8.1	24.8	2.45
F23	13 Nov 2020	25	14.97	87.62	7.1	33.51	8.0	24.8	2.53
F23	13 Nov 2020	26	14.57	87.78	6.9	33.50	8.0	24.9	2.56
F23	13 Nov 2020	27	14.27	88.25	6.7	33.49	8.0	25.0	2.48
F23	13 Nov 2020	28	13.97	88.66	6.5	33.49	8.0	25.0	2.30
F23	13 Nov 2020	29	13.78	89.25	6.5	33.48	8.0	25.1	2.23
F23	13 Nov 2020	30	13.70	89.58	6.5	33.48	8.0	25.1	2.23
F23	13 Nov 2020	31	13.64	89.53	6.5	33.48	8.0	25.1	2.23
F23	13 Nov 2020	32	13.48	90.06	6.5	33.48	8.0	25.1	2.31
F23	13 Nov 2020	33	13.41	90.39	6.4	33.48	8.0	25.1	2.14
F23	13 Nov 2020	34	13.36	90.77	6.3	33.49	8.0	25.1	1.94
F23	13 Nov 2020	35	13.31	91.07	6.3	33.49	8.0	25.2	1.84
F23	13 Nov 2020	36	13.26	91.33	6.2	33.50	8.0	25.2	1.77

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F23	13 Nov 2020	37	13.22	91.44	6.1	33.51	7.9	25.2	1.47
F23	13 Nov 2020	38	13.18	92.12	5.9	33.53	7.9	25.2	1.11
F23	13 Nov 2020	39	13.12	92.25	5.8	33.53	7.9	25.2	0.88
F23	13 Nov 2020	40	13.02	92.50	5.7	33.54	7.9	25.3	0.73
F23	13 Nov 2020	41	12.97	92.49	5.7	33.54	7.9	25.3	0.66
F23	13 Nov 2020	42	12.91	92.61	5.7	33.55	7.9	25.3	0.61
F23	13 Nov 2020	43	12.87	92.75	5.7	33.55	7.9	25.3	0.57
F23	13 Nov 2020	44	12.86	92.90	5.7	33.55	7.9	25.3	0.57
F23	13 Nov 2020	45	12.85	92.88	5.8	33.55	7.9	25.3	0.56
F23	13 Nov 2020	46	12.82	93.05	5.8	33.55	7.9	25.3	0.56
F23	13 Nov 2020	47	12.77	93.10	5.7	33.56	7.9	25.3	0.53
F23	13 Nov 2020	48	12.72	93.15	5.7	33.56	7.9	25.3	0.52
F23	13 Nov 2020	49	12.67	93.22	5.7	33.56	7.9	25.3	0.50
F23	13 Nov 2020	50	12.59	93.27	5.7	33.57	7.9	25.4	0.52
F23	13 Nov 2020	51	12.52	93.29	5.6	33.57	7.9	25.4	0.49
F23	13 Nov 2020	52	12.44	93.19	5.5	33.58	7.9	25.4	0.47
F23	13 Nov 2020	53	12.41	93.28	5.5	33.58	7.9	25.4	0.45
F23	13 Nov 2020	54	12.27	93.28	5.4	33.59	7.9	25.4	0.39
F23	13 Nov 2020	55	12.25	93.27	5.3	33.59	7.9	25.4	0.35
F23	13 Nov 2020	56	12.25	93.25	5.3	33.60	7.9	25.5	0.34
F23	13 Nov 2020	57	12.21	93.23	5.3	33.60	7.9	25.5	0.32
F23	13 Nov 2020	58	12.23	93.24	5.2	33.60	7.9	25.5	0.32
F23	13 Nov 2020	59	12.19	93.21	5.2	33.60	7.9	25.5	0.33
F23	13 Nov 2020	60	12.18	93.17	5.2	33.60	7.9	25.5	0.31
F23	13 Nov 2020	61	12.18	93.05	5.2	33.61	7.9	25.5	0.30
F23	13 Nov 2020	62	12.13	93.05	5.1	33.61	7.9	25.5	0.29
F23	13 Nov 2020	63	12.10	93.06	5.1	33.61	7.8	25.5	0.29
F23	13 Nov 2020	64	12.08	93.10	5.1	33.62	7.8	25.5	0.27
F23	13 Nov 2020	65	12.02	93.10	5.0	33.62	7.8	25.5	0.28
F23	13 Nov 2020	66	11.98	93.08	5.0	33.63	7.8	25.5	0.26
F23	13 Nov 2020	67	11.93	93.15	5.0	33.63	7.8	25.5	0.26
F23	13 Nov 2020	68	11.92	93.22	5.0	33.63	7.8	25.5	0.27
F23	13 Nov 2020	69	11.90	93.27	5.0	33.64	7.8	25.5	0.26
F23	13 Nov 2020	70	11.89	93.29	5.0	33.64	7.8	25.6	0.26
F23	13 Nov 2020	71	11.89	93.22	5.0	33.64	7.8	25.6	0.27
F23	13 Nov 2020	72	11.87	93.27	5.0	33.65	7.8	25.6	0.27
F23	13 Nov 2020	73	11.83	93.33	5.0	33.65	7.8	25.6	0.27
F23	13 Nov 2020	74	11.80	93.34	4.9	33.65	7.8	25.6	0.26
F23	13 Nov 2020	75	11.78	93.34	4.9	33.65	7.8	25.6	0.26
F23	13 Nov 2020	76	11.72	93.10	4.9	33.66	7.8	25.6	0.25
F23	13 Nov 2020	77	11.73	92.90	4.8	33.66	7.8	25.6	0.24
F23	13 Nov 2020	78	11.60	92.13	4.7	33.69	7.8	25.6	0.23
F23	13 Nov 2020	79	11.58	90.79	4.6	33.69	7.8	25.6	0.23
F23	13 Nov 2020	80	11.45	90.68	4.5	33.72	7.8	25.7	0.23
F23	13 Nov 2020	81	11.36	89.64	4.4	33.73	7.8	25.7	0.23
F23	13 Nov 2020	82	11.36	89.33	4.4	33.74	7.8	25.7	0.23
F23	13 Nov 2020	83	11.34	89.19	4.3	33.74	7.8	25.7	0.22
F24	13 Nov 2020	1	15.88	85.55	7.6	33.53	8.1	24.6	0.78
F24	13 Nov 2020	2	15.86	83.52	7.6	33.53	8.1	24.6	0.81
F24	13 Nov 2020	3	15.85	85.32	7.6	33.53	8.1	24.7	0.89
F24	13 Nov 2020	4	15.84	87.13	7.6	33.53	8.1	24.7	0.92
F24	13 Nov 2020	5	15.85	87.52	7.6	33.53	8.1	24.7	1.01
F24	13 Nov 2020	6	15.84	87.62	7.6	33.53	8.1	24.7	1.15
F24	13 Nov 2020	7	15.84	87.66	7.6	33.53	8.1	24.7	1.22
F24	13 Nov 2020	8	15.83	87.65	7.5	33.53	8.1	24.7	1.35
F24	13 Nov 2020	9	15.83	87.53	7.6	33.53	8.1	24.7	1.47
F24	13 Nov 2020	10	15.83	87.56	7.6	33.53	8.1	24.7	1.57
F24	13 Nov 2020	11	15.83	87.71	7.6	33.53	8.1	24.7	1.63
F24	13 Nov 2020	12	15.82	87.63	7.6	33.53	8.1	24.7	1.71
F24	13 Nov 2020	13	15.82	87.72	7.6	33.53	8.1	24.7	1.78

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F24	13 Nov 2020	14	15.82	87.62	7.6	33.53	8.1	24.7	1.76
F24	13 Nov 2020	15	15.81	87.53	7.6	33.53	8.1	24.7	1.83
F24	13 Nov 2020	16	15.80	87.66	7.5	33.53	8.1	24.7	1.94
F24	13 Nov 2020	17	15.75	87.72	7.5	33.53	8.1	24.7	1.97
F24	13 Nov 2020	18	15.69	87.77	7.4	33.53	8.1	24.7	2.05
F24	13 Nov 2020	19	15.62	87.88	7.4	33.52	8.1	24.7	2.07
F24	13 Nov 2020	20	15.48	87.89	7.3	33.52	8.1	24.7	2.20
F24	13 Nov 2020	21	15.29	87.95	7.2	33.52	8.1	24.8	2.43
F24	13 Nov 2020	22	14.84	87.94	7.0	33.51	8.0	24.9	2.60
F24	13 Nov 2020	23	14.09	88.00	6.9	33.48	8.0	25.0	2.71
F24	13 Nov 2020	24	13.94	88.40	6.8	33.46	8.0	25.0	2.58
F24	13 Nov 2020	25	13.87	89.07	6.8	33.46	8.0	25.0	2.53
F24	13 Nov 2020	26	13.83	89.48	6.6	33.46	8.0	25.0	2.45
F24	13 Nov 2020	27	13.79	89.71	6.6	33.46	8.0	25.0	2.34
F24	13 Nov 2020	28	13.76	89.80	6.5	33.47	8.0	25.1	2.15
F24	13 Nov 2020	29	13.71	90.05	6.4	33.47	8.0	25.1	2.00
F24	13 Nov 2020	30	13.65	90.29	6.3	33.48	8.0	25.1	1.74
F24	13 Nov 2020	31	13.60	90.81	6.3	33.49	8.0	25.1	1.64
F24	13 Nov 2020	32	13.52	90.96	6.2	33.50	7.9	25.1	1.45
F24	13 Nov 2020	33	13.41	91.23	6.2	33.50	7.9	25.1	1.40
F24	13 Nov 2020	34	13.29	91.56	6.1	33.50	7.9	25.2	1.43
F24	13 Nov 2020	35	13.06	91.79	6.1	33.51	7.9	25.2	1.34
F24	13 Nov 2020	36	12.96	92.45	6.1	33.52	7.9	25.3	1.21
F24	13 Nov 2020	37	13.01	92.29	6.1	33.51	7.9	25.2	1.21
F24	13 Nov 2020	38	12.88	92.38	6.1	33.53	7.9	25.3	1.13
F24	13 Nov 2020	39	12.83	92.82	6.0	33.54	7.9	25.3	1.04
F24	13 Nov 2020	40	12.77	93.05	5.9	33.54	7.9	25.3	0.88
F24	13 Nov 2020	41	12.75	93.19	5.9	33.55	7.9	25.3	0.75
F24	13 Nov 2020	42	12.75	93.20	5.9	33.55	7.9	25.3	0.65
F24	13 Nov 2020	43	12.74	93.15	5.8	33.55	7.9	25.3	0.58
F24	13 Nov 2020	44	12.68	93.12	5.6	33.56	7.9	25.3	0.51
F24	13 Nov 2020	45	12.55	93.09	5.6	33.58	7.9	25.4	0.47
F24	13 Nov 2020	46	12.52	93.02	5.6	33.58	7.9	25.4	0.42
F24	13 Nov 2020	47	12.52	93.10	5.5	33.57	7.9	25.4	0.40
F24	13 Nov 2020	48	12.51	92.96	5.5	33.58	7.9	25.4	0.39
F24	13 Nov 2020	49	12.49	93.18	5.5	33.58	7.9	25.4	0.36
F24	13 Nov 2020	50	12.46	93.12	5.5	33.58	7.9	25.4	0.36
F24	13 Nov 2020	51	12.42	93.12	5.4	33.59	7.9	25.4	0.35
F24	13 Nov 2020	52	12.39	93.11	5.4	33.59	7.9	25.4	0.34
F24	13 Nov 2020	53	12.36	93.12	5.3	33.59	7.9	25.4	0.38
F24	13 Nov 2020	54	12.30	93.15	5.3	33.60	7.9	25.4	0.34
F24	13 Nov 2020	55	12.28	93.12	5.3	33.60	7.9	25.4	0.33
F24	13 Nov 2020	56	12.24	93.15	5.2	33.60	7.9	25.5	0.31
F24	13 Nov 2020	57	12.22	93.16	5.2	33.60	7.9	25.5	0.30
F24	13 Nov 2020	58	12.16	93.13	5.2	33.61	7.9	25.5	0.29
F24	13 Nov 2020	59	12.13	93.09	5.1	33.61	7.8	25.5	0.30
F24	13 Nov 2020	60	12.08	93.08	5.0	33.62	7.8	25.5	0.27
F24	13 Nov 2020	61	12.05	93.10	5.0	33.62	7.8	25.5	0.26
F24	13 Nov 2020	62	12.07	93.13	5.0	33.62	7.8	25.5	0.26
F24	13 Nov 2020	63	11.98	93.13	4.9	33.63	7.8	25.5	0.26
F24	13 Nov 2020	64	11.97	93.09	5.0	33.63	7.8	25.5	0.24
F24	13 Nov 2020	65	11.93	93.10	5.0	33.63	7.8	25.5	0.25
F24	13 Nov 2020	66	11.86	93.03	5.0	33.65	7.8	25.6	0.25
F24	13 Nov 2020	67	11.88	93.02	5.0	33.65	7.8	25.6	0.26
F24	13 Nov 2020	68	11.80	92.93	5.0	33.66	7.8	25.6	0.26
F24	13 Nov 2020	69	11.79	92.79	5.0	33.66	7.8	25.6	0.26
F24	13 Nov 2020	70	11.75	92.50	4.9	33.66	7.8	25.6	0.26
F24	13 Nov 2020	71	11.74	92.29	4.8	33.66	7.8	25.6	0.24
F24	13 Nov 2020	72	11.74	92.17	4.8	33.66	7.8	25.6	0.24
F24	13 Nov 2020	73	11.74	92.18	4.8	33.66	7.8	25.6	0.24
F24	13 Nov 2020	74	11.73	92.20	4.8	33.66	7.8	25.6	0.23

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F24	13 Nov 2020	75	11.72	92.18	4.8	33.66	7.8	25.6	0.23
F24	13 Nov 2020	76	11.66	92.08	4.7	33.67	7.8	25.6	0.23
F24	13 Nov 2020	77	11.58	91.90	4.6	33.69	7.8	25.6	0.22
F24	13 Nov 2020	78	11.55	91.57	4.6	33.69	7.8	25.7	0.23
F24	13 Nov 2020	79	11.52	91.45	4.6	33.70	7.8	25.7	0.22
F24	13 Nov 2020	80	11.46	91.37	4.6	33.73	7.8	25.7	0.22
F24	13 Nov 2020	81	11.48	90.93	4.5	33.72	7.8	25.7	0.21
F24	13 Nov 2020	82	11.41	91.03	4.5	33.74	7.8	25.7	0.22
F24	13 Nov 2020	83	11.40	90.81	4.5	33.75	7.8	25.7	0.22
F25	13 Nov 2020	1	15.85	88.33	7.6	33.53	8.1	24.6	0.72
F25	13 Nov 2020	2	15.85	88.23	7.6	33.53	8.1	24.7	0.76
F25	13 Nov 2020	3	15.83	88.20	7.5	33.53	8.1	24.7	0.84
F25	13 Nov 2020	4	15.81	87.90	7.5	33.53	8.1	24.7	0.95
F25	13 Nov 2020	5	15.81	87.90	7.5	33.53	8.1	24.7	1.04
F25	13 Nov 2020	6	15.80	88.00	7.5	33.53	8.1	24.7	1.17
F25	13 Nov 2020	7	15.80	87.87	7.5	33.53	8.1	24.7	1.26
F25	13 Nov 2020	8	15.79	87.82	7.5	33.53	8.1	24.7	1.38
F25	13 Nov 2020	9	15.79	88.03	7.5	33.53	8.1	24.7	1.52
F25	13 Nov 2020	10	15.78	87.98	7.5	33.53	8.1	24.7	1.56
F25	13 Nov 2020	11	15.78	87.93	7.5	33.53	8.1	24.7	1.59
F25	13 Nov 2020	12	15.78	87.88	7.5	33.53	8.1	24.7	1.65
F25	13 Nov 2020	13	15.77	87.85	7.5	33.53	8.1	24.7	1.69
F25	13 Nov 2020	14	15.77	87.84	7.6	33.53	8.1	24.7	1.75
F25	13 Nov 2020	15	15.75	87.83	7.5	33.53	8.1	24.7	1.84
F25	13 Nov 2020	16	15.74	87.83	7.5	33.53	8.1	24.7	1.85
F25	13 Nov 2020	17	15.74	87.84	7.5	33.53	8.1	24.7	1.91
F25	13 Nov 2020	18	15.70	87.78	7.4	33.53	8.1	24.7	1.94
F25	13 Nov 2020	19	15.60	87.69	7.4	33.52	8.1	24.7	2.06
F25	13 Nov 2020	20	15.60	87.55	7.4	33.52	8.1	24.7	2.14
F25	13 Nov 2020	21	15.50	87.50	7.3	33.52	8.1	24.7	2.28
F25	13 Nov 2020	22	15.41	87.33	7.3	33.51	8.1	24.7	2.41
F25	13 Nov 2020	23	15.36	87.42	7.3	33.51	8.1	24.7	2.51
F25	13 Nov 2020	24	15.08	87.41	7.1	33.51	8.0	24.8	2.65
F25	13 Nov 2020	25	14.18	87.61	6.9	33.49	8.0	25.0	2.72
F25	13 Nov 2020	26	14.10	88.70	6.8	33.47	8.0	25.0	2.75
F25	13 Nov 2020	27	13.83	89.28	6.8	33.46	8.0	25.0	2.60
F25	13 Nov 2020	28	13.75	89.56	6.7	33.46	8.0	25.0	2.51
F25	13 Nov 2020	29	13.72	89.71	6.7	33.46	8.0	25.1	2.46
F25	13 Nov 2020	30	13.65	89.81	6.6	33.46	8.0	25.1	2.38
F25	13 Nov 2020	31	13.58	89.79	6.6	33.46	8.0	25.1	2.15
F25	13 Nov 2020	32	13.53	90.46	6.5	33.47	8.0	25.1	2.09
F25	13 Nov 2020	33	13.50	90.68	6.5	33.47	8.0	25.1	1.92
F25	13 Nov 2020	34	13.34	90.97	6.3	33.49	8.0	25.2	1.64
F25	13 Nov 2020	35	13.30	91.53	6.2	33.50	7.9	25.2	1.38
F25	13 Nov 2020	36	13.18	91.78	6.1	33.51	7.9	25.2	1.20
F25	13 Nov 2020	37	13.06	92.11	6.1	33.51	7.9	25.2	1.17
F25	13 Nov 2020	38	13.03	92.24	6.1	33.52	7.9	25.2	1.19
F25	13 Nov 2020	39	12.99	92.40	6.1	33.52	7.9	25.2	1.13
F25	13 Nov 2020	40	12.97	92.65	6.1	33.52	7.9	25.3	1.10
F25	13 Nov 2020	41	12.97	92.68	6.0	33.52	7.9	25.3	1.08
F25	13 Nov 2020	42	12.96	92.72	6.0	33.52	7.9	25.3	1.03
F25	13 Nov 2020	43	12.87	92.80	6.0	33.53	7.9	25.3	0.95
F25	13 Nov 2020	44	12.71	92.87	5.9	33.55	7.9	25.3	0.88
F25	13 Nov 2020	45	12.70	93.12	5.9	33.55	7.9	25.3	0.83
F25	13 Nov 2020	46	12.68	93.25	5.9	33.55	7.9	25.3	0.76
F25	13 Nov 2020	47	12.63	93.23	5.8	33.56	7.9	25.3	0.72
F25	13 Nov 2020	48	12.60	93.40	5.8	33.56	7.9	25.4	0.61
F25	13 Nov 2020	49	12.55	93.46	5.7	33.58	7.9	25.4	0.49
F25	13 Nov 2020	50	12.51	93.37	5.5	33.58	7.9	25.4	0.43
F25	13 Nov 2020	51	12.48	93.19	5.5	33.58	7.9	25.4	0.38

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F25	13 Nov 2020	52	12.47	93.17	5.5	33.58	7.9	25.4	0.35
F25	13 Nov 2020	53	12.46	93.15	5.4	33.58	7.9	25.4	0.36
F25	13 Nov 2020	54	12.40	93.09	5.4	33.59	7.9	25.4	0.33
F25	13 Nov 2020	55	12.34	93.07	5.3	33.60	7.9	25.4	0.32
F25	13 Nov 2020	56	12.27	93.05	5.3	33.60	7.9	25.5	0.32
F25	13 Nov 2020	57	12.23	93.12	5.2	33.60	7.9	25.5	0.30
F25	13 Nov 2020	58	12.23	93.15	5.2	33.60	7.9	25.5	0.29
F25	13 Nov 2020	59	12.20	93.17	5.2	33.60	7.9	25.5	0.29
F25	13 Nov 2020	60	12.18	93.18	5.2	33.60	7.9	25.5	0.28
F25	13 Nov 2020	61	12.17	93.18	5.2	33.60	7.9	25.5	0.29
F25	13 Nov 2020	62	12.15	93.21	5.1	33.61	7.8	25.5	0.27
F25	13 Nov 2020	63	12.06	93.16	5.0	33.62	7.8	25.5	0.24
F25	13 Nov 2020	64	12.02	93.15	5.0	33.62	7.8	25.5	0.25
F25	13 Nov 2020	65	11.97	93.19	4.9	33.63	7.8	25.5	0.24
F25	13 Nov 2020	66	11.93	93.14	4.8	33.63	7.8	25.5	0.23
F25	13 Nov 2020	67	11.88	93.07	4.8	33.64	7.8	25.6	0.23
F25	13 Nov 2020	68	11.84	93.04	4.8	33.64	7.8	25.6	0.22
F25	13 Nov 2020	69	11.81	92.86	4.8	33.64	7.8	25.6	0.23
F25	13 Nov 2020	70	11.80	92.66	4.8	33.64	7.8	25.6	0.22
F25	13 Nov 2020	71	11.79	92.61	4.7	33.65	7.8	25.6	0.22
F25	13 Nov 2020	72	11.78	92.50	4.7	33.65	7.8	25.6	0.22
F25	13 Nov 2020	73	11.74	92.49	4.7	33.65	7.8	25.6	0.22
F25	13 Nov 2020	74	11.70	92.51	4.7	33.66	7.8	25.6	0.22
F25	13 Nov 2020	75	11.68	92.66	4.7	33.66	7.8	25.6	0.22
F25	13 Nov 2020	76	11.66	92.77	4.8	33.67	7.8	25.6	0.22
F25	13 Nov 2020	77	11.64	92.89	4.8	33.68	7.8	25.6	0.24
F25	13 Nov 2020	78	11.60	93.00	4.9	33.69	7.8	25.6	0.25
F25	13 Nov 2020	79	11.55	93.16	4.8	33.70	7.8	25.7	0.25
F25	13 Nov 2020	80	11.46	93.53	4.7	33.73	7.8	25.7	0.24
F25	13 Nov 2020	81	11.43	93.16	4.6	33.74	7.8	25.7	0.23
F26	10 Nov 2020	1	17.46	89.39	7.3	33.62	8.1	24.3	0.47
F26	10 Nov 2020	2	17.46	88.21	7.3	33.62	8.1	24.3	0.47
F26	10 Nov 2020	3	17.46	89.49	7.3	33.62	8.1	24.3	0.50
F26	10 Nov 2020	4	17.44	89.60	7.2	33.62	8.1	24.4	0.55
F26	10 Nov 2020	5	17.37	89.52	7.2	33.62	8.1	24.4	0.60
F26	10 Nov 2020	6	17.32	89.26	7.3	33.62	8.1	24.4	0.69
F26	10 Nov 2020	7	17.31	89.09	7.3	33.62	8.1	24.4	0.76
F26	10 Nov 2020	8	17.30	88.99	7.2	33.62	8.1	24.4	0.85
F26	10 Nov 2020	9	17.29	88.95	7.2	33.62	8.1	24.4	0.97
F26	10 Nov 2020	10	17.28	88.86	7.1	33.62	8.1	24.4	1.07
F26	10 Nov 2020	11	17.27	88.58	7.2	33.62	8.1	24.4	1.19
F26	10 Nov 2020	12	17.25	88.69	7.2	33.62	8.1	24.4	1.32
F26	10 Nov 2020	13	17.22	88.74	7.2	33.62	8.1	24.4	1.40
F26	10 Nov 2020	14	17.17	88.83	7.1	33.61	8.1	24.4	1.45
F26	10 Nov 2020	15	17.04	89.04	7.0	33.60	8.1	24.4	1.47
F26	10 Nov 2020	16	16.76	89.19	7.0	33.59	8.1	24.5	1.52
F26	10 Nov 2020	17	16.13	89.29	7.0	33.55	8.1	24.6	1.65
F26	10 Nov 2020	18	15.69	89.31	7.0	33.51	8.1	24.7	1.79
F26	10 Nov 2020	19	15.32	89.32	7.0	33.50	8.1	24.7	1.79
F26	10 Nov 2020	20	14.90	89.50	7.0	33.48	8.1	24.8	1.85
F26	10 Nov 2020	21	14.48	90.01	6.9	33.47	8.0	24.9	1.92
F26	10 Nov 2020	22	14.20	90.70	6.8	33.46	8.0	25.0	1.78
F26	10 Nov 2020	23	13.99	91.42	6.8	33.45	8.0	25.0	1.67
F26	10 Nov 2020	24	13.93	91.77	6.8	33.45	8.0	25.0	1.55
F26	10 Nov 2020	25	13.79	91.84	6.7	33.45	8.0	25.0	1.46
F26	10 Nov 2020	26	13.29	92.13	6.6	33.47	8.0	25.1	1.20
F26	10 Nov 2020	27	13.18	92.74	6.4	33.48	8.0	25.2	0.96
F26	10 Nov 2020	28	13.09	93.03	6.3	33.49	8.0	25.2	0.82
F26	10 Nov 2020	29	12.96	93.20	6.1	33.52	8.0	25.3	0.66
F26	10 Nov 2020	30	12.94	93.08	6.0	33.53	8.0	25.3	0.58

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F26	10 Nov 2020	31	12.94	92.95	5.9	33.53	8.0	25.3	0.54
F26	10 Nov 2020	32	12.91	92.92	5.9	33.53	8.0	25.3	0.55
F26	10 Nov 2020	33	12.87	92.92	5.9	33.55	8.0	25.3	0.50
F26	10 Nov 2020	34	12.83	93.00	5.8	33.55	7.9	25.3	0.47
F26	10 Nov 2020	35	12.80	93.05	5.8	33.55	7.9	25.3	0.48
F26	10 Nov 2020	36	12.77	93.08	5.8	33.55	7.9	25.3	0.45
F26	10 Nov 2020	37	12.76	93.12	5.8	33.55	7.9	25.3	0.44
F26	10 Nov 2020	38	12.75	93.16	5.8	33.56	7.9	25.3	0.46
F26	10 Nov 2020	39	12.75	93.18	5.7	33.56	7.9	25.3	0.45
F26	10 Nov 2020	40	12.74	93.19	5.7	33.56	7.9	25.3	0.45
F26	10 Nov 2020	41	12.71	93.20	5.7	33.56	7.9	25.3	0.44
F26	10 Nov 2020	42	12.62	93.24	5.7	33.57	7.9	25.4	0.45
F26	10 Nov 2020	43	12.56	93.32	5.7	33.58	7.9	25.4	0.43
F26	10 Nov 2020	44	12.53	93.35	5.7	33.58	7.9	25.4	0.42
F26	10 Nov 2020	45	12.50	93.37	5.6	33.58	7.9	25.4	0.42
F26	10 Nov 2020	46	12.46	93.41	5.6	33.59	7.9	25.4	0.40
F26	10 Nov 2020	47	12.41	93.46	5.6	33.59	7.9	25.4	0.41
F26	10 Nov 2020	48	12.33	93.50	5.6	33.60	7.9	25.4	0.39
F26	10 Nov 2020	49	12.31	93.49	5.5	33.60	7.9	25.4	0.39
F26	10 Nov 2020	50	12.30	93.46	5.5	33.60	7.9	25.4	0.38
F26	10 Nov 2020	51	12.28	93.39	5.5	33.61	7.9	25.5	0.39
F26	10 Nov 2020	52	12.27	93.33	5.5	33.61	7.9	25.5	0.38
F26	10 Nov 2020	53	12.26	93.39	5.4	33.62	7.9	25.5	0.38
F26	10 Nov 2020	54	12.24	93.46	5.4	33.62	7.9	25.5	0.36
F26	10 Nov 2020	55	12.22	93.44	5.4	33.62	7.9	25.5	0.37
F26	10 Nov 2020	56	12.21	93.40	5.4	33.61	7.9	25.5	0.35
F26	10 Nov 2020	57	12.21	93.34	5.4	33.61	7.9	25.5	0.35
F26	10 Nov 2020	58	12.19	93.22	5.4	33.61	7.9	25.5	0.35
F26	10 Nov 2020	59	12.15	93.14	5.3	33.61	7.9	25.5	0.32
F26	10 Nov 2020	60	12.10	93.10	5.3	33.61	7.9	25.5	0.32
F26	10 Nov 2020	61	12.07	93.00	5.2	33.61	7.9	25.5	0.32
F26	10 Nov 2020	62	12.06	92.96	5.2	33.61	7.9	25.5	0.30
F26	10 Nov 2020	63	12.05	93.02	5.2	33.61	7.9	25.5	0.30
F26	10 Nov 2020	64	12.04	92.98	5.1	33.61	7.9	25.5	0.29
F26	10 Nov 2020	65	12.03	92.93	5.1	33.61	7.9	25.5	0.30
F26	10 Nov 2020	66	12.02	92.79	5.1	33.60	7.9	25.5	0.29
F26	10 Nov 2020	67	12.01	92.75	5.1	33.60	7.9	25.5	0.29
F26	10 Nov 2020	68	11.97	92.68	5.1	33.60	7.9	25.5	0.29
F26	10 Nov 2020	69	11.95	92.55	5.1	33.60	7.9	25.5	0.29
F26	10 Nov 2020	70	11.95	92.53	5.0	33.60	7.9	25.5	0.29
F26	10 Nov 2020	71	11.95	92.68	5.0	33.60	7.9	25.5	0.28
F26	10 Nov 2020	72	11.96	92.81	5.1	33.60	7.9	25.5	0.29
F26	10 Nov 2020	73	11.97	93.06	5.1	33.62	7.9	25.5	0.29
F26	10 Nov 2020	74	11.98	93.31	5.2	33.63	7.9	25.5	0.30
F26	10 Nov 2020	75	11.99	93.50	5.2	33.64	7.9	25.5	0.30
F26	10 Nov 2020	76	11.98	93.62	5.2	33.65	7.9	25.5	0.29
F26	10 Nov 2020	77	11.92	93.68	5.2	33.66	7.9	25.6	0.29
F26	10 Nov 2020	78	11.88	93.72	5.1	33.67	7.9	25.6	0.30
F26	10 Nov 2020	79	11.85	93.68	5.0	33.68	7.9	25.6	0.29
F26	10 Nov 2020	80	11.84	93.61	5.0	33.68	7.9	25.6	0.28
F26	10 Nov 2020	81	11.82	93.62	5.0	33.69	7.9	25.6	0.28
F26	10 Nov 2020	82	11.70	93.46	4.9	33.70	7.9	25.6	0.27
F26	10 Nov 2020	83	11.60	92.60	4.8	33.71	7.8	25.7	0.25
F26	10 Nov 2020	84	11.55	91.57	4.7	33.72	7.8	25.7	0.24
F26	10 Nov 2020	85	11.52	91.35	4.6	33.72	7.8	25.7	0.24
F26	10 Nov 2020	86	11.48	91.66	4.6	33.73	7.8	25.7	0.24
F26	10 Nov 2020	87	11.41	91.82	4.5	33.75	7.8	25.7	0.23
F26	10 Nov 2020	88	11.25	92.13	4.4	33.79	7.8	25.8	0.22
F26	10 Nov 2020	89	11.22	92.81	4.4	33.79	7.8	25.8	0.22
F26	10 Nov 2020	90	11.19	93.06	4.3	33.79	7.8	25.8	0.21
F26	10 Nov 2020	91	11.15	93.03	4.3	33.80	7.8	25.8	0.21

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F26	10 Nov 2020	92	11.12	93.16	4.3	33.81	7.8	25.8	0.20
F26	10 Nov 2020	93	11.07	93.36	4.2	33.82	7.8	25.8	0.20
F26	10 Nov 2020	94	11.04	93.37	4.1	33.83	7.8	25.9	0.20
F26	10 Nov 2020	95	10.99	93.41	4.1	33.84	7.8	25.9	0.20
F26	10 Nov 2020	96	10.97	93.51	4.1	33.84	7.8	25.9	0.20
F26	10 Nov 2020	97	10.93	93.35	4.1	33.84	7.8	25.9	0.20
F26	10 Nov 2020	98	10.92	93.26	4.0	33.84	7.8	25.9	0.19
F26	10 Nov 2020	99	10.90	92.98	4.0	33.85	7.8	25.9	0.19
F26	10 Nov 2020	100	10.91	92.65	4.0	33.85	7.8	25.9	0.20
F27	10 Nov 2020	1	17.46	89.95	7.3	33.62	8.1	24.3	0.47
F27	10 Nov 2020	2	17.46	89.98	7.3	33.62	8.1	24.3	0.48
F27	10 Nov 2020	3	17.44	89.90	7.3	33.62	8.1	24.3	0.49
F27	10 Nov 2020	4	17.42	90.05	7.3	33.62	8.1	24.4	0.51
F27	10 Nov 2020	5	17.41	90.01	7.3	33.61	8.1	24.4	0.54
F27	10 Nov 2020	6	17.37	89.94	7.2	33.62	8.1	24.4	0.60
F27	10 Nov 2020	7	17.33	89.74	7.2	33.61	8.1	24.4	0.65
F27	10 Nov 2020	8	17.32	89.59	7.2	33.61	8.1	24.4	0.73
F27	10 Nov 2020	9	17.32	89.52	7.2	33.61	8.1	24.4	0.83
F27	10 Nov 2020	10	17.31	89.43	7.2	33.61	8.1	24.4	0.87
F27	10 Nov 2020	11	17.30	89.44	7.2	33.61	8.1	24.4	0.94
F27	10 Nov 2020	12	17.30	89.30	7.2	33.61	8.1	24.4	1.03
F27	10 Nov 2020	13	17.27	89.18	7.1	33.61	8.1	24.4	1.12
F27	10 Nov 2020	14	17.15	89.25	7.0	33.61	8.1	24.4	1.26
F27	10 Nov 2020	15	16.44	89.31	7.0	33.59	8.1	24.6	1.34
F27	10 Nov 2020	16	15.49	89.38	7.0	33.52	8.1	24.7	1.51
F27	10 Nov 2020	17	15.09	89.32	6.9	33.50	8.1	24.8	1.61
F27	10 Nov 2020	18	14.79	89.64	6.8	33.47	8.1	24.8	1.67
F27	10 Nov 2020	19	14.37	90.21	6.8	33.47	8.0	24.9	1.64
F27	10 Nov 2020	20	13.71	91.23	6.8	33.47	8.0	25.1	1.40
F27	10 Nov 2020	21	13.54	91.94	6.7	33.44	8.0	25.1	1.22
F27	10 Nov 2020	22	13.51	92.31	6.7	33.44	8.0	25.1	1.08
F27	10 Nov 2020	23	13.50	92.39	6.7	33.44	8.0	25.1	1.09
F27	10 Nov 2020	24	13.49	92.43	6.6	33.44	8.0	25.1	1.07
F27	10 Nov 2020	25	13.47	92.55	6.6	33.44	8.0	25.1	1.03
F27	10 Nov 2020	26	13.39	92.73	6.5	33.45	8.0	25.1	1.04
F27	10 Nov 2020	27	13.21	92.80	6.5	33.47	8.0	25.2	0.92
F27	10 Nov 2020	28	13.04	93.07	6.4	33.48	8.0	25.2	0.80
F27	10 Nov 2020	29	12.93	93.40	6.3	33.50	8.0	25.2	0.73
F27	10 Nov 2020	30	12.83	93.55	6.2	33.52	8.0	25.3	0.61
F27	10 Nov 2020	31	12.72	93.58	6.0	33.55	8.0	25.3	0.51
F27	10 Nov 2020	32	12.69	93.43	5.8	33.56	7.9	25.3	0.46
F27	10 Nov 2020	33	12.66	93.33	5.8	33.56	7.9	25.3	0.42
F27	10 Nov 2020	34	12.63	93.31	5.7	33.56	7.9	25.4	0.42
F27	10 Nov 2020	35	12.62	93.28	5.7	33.56	7.9	25.4	0.41
F27	10 Nov 2020	36	12.61	93.32	5.7	33.56	7.9	25.4	0.42
F27	10 Nov 2020	37	12.61	93.35	5.7	33.56	7.9	25.4	0.40
F27	10 Nov 2020	38	12.60	93.35	5.7	33.57	7.9	25.4	0.42
F27	10 Nov 2020	39	12.58	93.27	5.8	33.57	7.9	25.4	0.40
F27	10 Nov 2020	40	12.54	93.36	5.7	33.58	7.9	25.4	0.41
F27	10 Nov 2020	41	12.48	93.43	5.7	33.58	7.9	25.4	0.40
F27	10 Nov 2020	42	12.43	93.47	5.7	33.59	7.9	25.4	0.41
F27	10 Nov 2020	43	12.42	93.44	5.7	33.59	7.9	25.4	0.40
F27	10 Nov 2020	44	12.38	93.47	5.6	33.59	7.9	25.4	0.39
F27	10 Nov 2020	45	12.37	93.48	5.6	33.60	7.9	25.4	0.40
F27	10 Nov 2020	46	12.37	93.50	5.5	33.60	7.9	25.4	0.39
F27	10 Nov 2020	47	12.33	93.49	5.5	33.61	7.9	25.4	0.39
F27	10 Nov 2020	48	12.29	93.49	5.5	33.61	7.9	25.5	0.38
F27	10 Nov 2020	49	12.23	93.46	5.5	33.62	7.9	25.5	0.37
F27	10 Nov 2020	50	12.19	93.42	5.4	33.63	7.9	25.5	0.35
F27	10 Nov 2020	51	12.17	93.47	5.4	33.63	7.9	25.5	0.35

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F27	10 Nov 2020	52	12.11	93.48	5.3	33.63	7.9	25.5	0.33
F27	10 Nov 2020	53	12.04	93.23	5.2	33.63	7.9	25.5	0.31
F27	10 Nov 2020	54	12.03	92.99	5.2	33.63	7.9	25.5	0.30
F27	10 Nov 2020	55	11.99	92.98	5.2	33.63	7.9	25.5	0.30
F27	10 Nov 2020	56	11.98	93.00	5.1	33.62	7.9	25.5	0.29
F27	10 Nov 2020	57	11.96	92.99	5.1	33.62	7.9	25.5	0.28
F27	10 Nov 2020	58	11.94	93.04	5.1	33.63	7.9	25.5	0.27
F27	10 Nov 2020	59	11.93	93.28	5.1	33.64	7.9	25.5	0.28
F27	10 Nov 2020	60	11.93	93.48	5.1	33.65	7.9	25.6	0.27
F27	10 Nov 2020	61	11.92	93.51	5.1	33.65	7.9	25.6	0.28
F27	10 Nov 2020	62	11.92	93.53	5.1	33.66	7.9	25.6	0.28
F27	10 Nov 2020	63	11.92	93.53	5.1	33.66	7.9	25.6	0.27
F27	10 Nov 2020	64	11.92	93.53	5.1	33.66	7.9	25.6	0.29
F27	10 Nov 2020	65	11.92	93.55	5.1	33.66	7.9	25.6	0.28
F27	10 Nov 2020	66	11.92	93.60	5.0	33.66	7.9	25.6	0.27
F27	10 Nov 2020	67	11.91	93.60	5.1	33.66	7.9	25.6	0.28
F27	10 Nov 2020	68	11.90	93.65	5.1	33.66	7.9	25.6	0.28
F27	10 Nov 2020	69	11.83	93.64	5.1	33.67	7.9	25.6	0.27
F27	10 Nov 2020	70	11.81	93.58	5.0	33.67	7.9	25.6	0.27
F27	10 Nov 2020	71	11.80	93.54	5.0	33.67	7.9	25.6	0.28
F27	10 Nov 2020	72	11.80	93.58	5.0	33.68	7.9	25.6	0.28
F27	10 Nov 2020	73	11.79	93.62	5.0	33.68	7.9	25.6	0.27
F27	10 Nov 2020	74	11.77	93.53	5.0	33.68	7.9	25.6	0.26
F27	10 Nov 2020	75	11.77	93.37	4.9	33.68	7.9	25.6	0.27
F27	10 Nov 2020	76	11.76	93.27	4.9	33.68	7.9	25.6	0.26
F27	10 Nov 2020	77	11.76	93.08	4.9	33.68	7.9	25.6	0.26
F27	10 Nov 2020	78	11.73	92.93	4.9	33.68	7.9	25.6	0.26
F27	10 Nov 2020	79	11.68	92.92	4.8	33.69	7.8	25.6	0.24
F27	10 Nov 2020	80	11.67	92.99	4.8	33.69	7.8	25.6	0.24
F27	10 Nov 2020	81	11.67	93.01	4.8	33.70	7.8	25.6	0.25
F27	10 Nov 2020	82	11.67	93.10	4.8	33.70	7.8	25.6	0.24
F27	10 Nov 2020	83	11.66	93.20	4.7	33.71	7.8	25.6	0.24
F27	10 Nov 2020	84	11.64	93.29	4.7	33.71	7.8	25.7	0.24
F27	10 Nov 2020	85	11.60	93.13	4.7	33.72	7.8	25.7	0.24
F27	10 Nov 2020	86	11.58	92.95	4.7	33.72	7.8	25.7	0.24
F27	10 Nov 2020	87	11.48	92.76	4.6	33.74	7.8	25.7	0.24
F27	10 Nov 2020	88	11.49	92.42	4.6	33.73	7.8	25.7	0.23
F27	10 Nov 2020	89	11.34	92.28	4.5	33.76	7.8	25.8	0.23
F27	10 Nov 2020	90	11.27	92.04	4.4	33.78	7.8	25.8	0.22
F27	10 Nov 2020	91	11.20	91.78	4.3	33.79	7.8	25.8	0.22
F27	10 Nov 2020	92	11.15	91.60	4.3	33.80	7.8	25.8	0.22
F27	10 Nov 2020	93	11.13	91.54	4.2	33.80	7.8	25.8	0.22
F27	10 Nov 2020	94	11.10	91.67	4.2	33.81	7.8	25.8	0.21
F27	10 Nov 2020	95	10.96	92.15	4.1	33.84	7.8	25.9	0.21
F27	10 Nov 2020	96	10.92	92.12	4.1	33.84	7.8	25.9	0.20
F27	10 Nov 2020	97	10.93	92.24	4.0	33.84	7.8	25.9	0.20
F27	10 Nov 2020	98	10.92	92.28	4.0	33.84	7.8	25.9	0.20
F27	10 Nov 2020	99	10.90	92.31	4.0	33.84	7.8	25.9	0.19
F27	10 Nov 2020	100	10.92	91.37	4.0	33.84	7.8	25.9	0.19
F28	10 Nov 2020	1	17.40	90.35	7.3	33.61	8.1	24.4	0.41
F28	10 Nov 2020	2	17.40	90.32	7.3	33.61	8.1	24.4	0.42
F28	10 Nov 2020	3	17.40	90.33	7.3	33.61	8.1	24.4	0.43
F28	10 Nov 2020	4	17.38	90.28	7.3	33.61	8.1	24.4	0.47
F28	10 Nov 2020	5	17.33	90.14	7.3	33.61	8.1	24.4	0.51
F28	10 Nov 2020	6	17.30	89.94	7.3	33.60	8.1	24.4	0.56
F28	10 Nov 2020	7	17.29	89.85	7.2	33.60	8.1	24.4	0.60
F28	10 Nov 2020	8	17.28	89.82	7.2	33.60	8.1	24.4	0.66
F28	10 Nov 2020	9	17.28	89.79	7.2	33.60	8.1	24.4	0.76
F28	10 Nov 2020	10	17.27	89.80	7.2	33.60	8.1	24.4	0.83
F28	10 Nov 2020	11	17.25	89.74	7.2	33.60	8.1	24.4	0.92

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F28	10 Nov 2020	12	17.10	89.66	7.1	33.60	8.1	24.4	1.04
F28	10 Nov 2020	13	16.69	89.52	7.0	33.59	8.1	24.5	1.24
F28	10 Nov 2020	14	15.70	89.41	6.9	33.56	8.1	24.7	1.41
F28	10 Nov 2020	15	14.89	89.21	6.9	33.51	8.1	24.8	1.55
F28	10 Nov 2020	16	14.56	89.64	6.8	33.47	8.0	24.9	1.54
F28	10 Nov 2020	17	14.23	90.19	6.7	33.47	8.0	25.0	1.51
F28	10 Nov 2020	18	13.92	90.90	6.7	33.46	8.0	25.0	1.37
F28	10 Nov 2020	19	13.61	91.43	6.7	33.45	8.0	25.1	1.18
F28	10 Nov 2020	20	13.41	91.94	6.6	33.45	8.0	25.1	1.03
F28	10 Nov 2020	21	13.21	92.57	6.6	33.45	8.0	25.2	0.89
F28	10 Nov 2020	22	13.15	93.10	6.5	33.45	8.0	25.2	0.84
F28	10 Nov 2020	23	13.11	93.23	6.5	33.45	8.0	25.2	0.75
F28	10 Nov 2020	24	13.05	93.29	6.4	33.46	8.0	25.2	0.73
F28	10 Nov 2020	25	13.00	93.37	6.3	33.47	8.0	25.2	0.64
F28	10 Nov 2020	26	12.95	93.47	6.3	33.48	8.0	25.2	0.65
F28	10 Nov 2020	27	12.91	93.51	6.3	33.49	8.0	25.2	0.64
F28	10 Nov 2020	28	12.89	93.53	6.2	33.50	8.0	25.2	0.62
F28	10 Nov 2020	29	12.87	93.55	6.2	33.50	8.0	25.3	0.64
F28	10 Nov 2020	30	12.85	93.59	6.2	33.51	8.0	25.3	0.59
F28	10 Nov 2020	31	12.81	93.65	6.2	33.52	8.0	25.3	0.60
F28	10 Nov 2020	32	12.81	93.67	6.2	33.52	8.0	25.3	0.58
F28	10 Nov 2020	33	12.77	93.63	6.1	33.53	8.0	25.3	0.58
F28	10 Nov 2020	34	12.72	93.66	6.1	33.53	8.0	25.3	0.58
F28	10 Nov 2020	35	12.67	93.75	6.0	33.54	8.0	25.3	0.55
F28	10 Nov 2020	36	12.62	93.75	6.0	33.55	8.0	25.3	0.55
F28	10 Nov 2020	37	12.58	93.71	5.9	33.56	8.0	25.4	0.53
F28	10 Nov 2020	38	12.54	93.66	5.8	33.57	7.9	25.4	0.50
F28	10 Nov 2020	39	12.52	93.60	5.8	33.58	7.9	25.4	0.48
F28	10 Nov 2020	40	12.43	93.55	5.7	33.59	7.9	25.4	0.44
F28	10 Nov 2020	41	12.41	93.53	5.6	33.59	7.9	25.4	0.41
F28	10 Nov 2020	42	12.40	93.55	5.6	33.59	7.9	25.4	0.41
F28	10 Nov 2020	43	12.39	93.52	5.6	33.59	7.9	25.4	0.41
F28	10 Nov 2020	44	12.38	93.60	5.6	33.59	7.9	25.4	0.40
F28	10 Nov 2020	45	12.38	93.60	5.6	33.59	7.9	25.4	0.41
F28	10 Nov 2020	46	12.37	93.60	5.6	33.59	7.9	25.4	0.40
F28	10 Nov 2020	47	12.37	93.61	5.5	33.59	7.9	25.4	0.40
F28	10 Nov 2020	48	12.35	93.52	5.5	33.59	7.9	25.4	0.40
F28	10 Nov 2020	49	12.23	93.58	5.5	33.61	7.9	25.5	0.39
F28	10 Nov 2020	50	12.16	93.49	5.5	33.62	7.9	25.5	0.36
F28	10 Nov 2020	51	12.12	93.40	5.4	33.61	7.9	25.5	0.34
F28	10 Nov 2020	52	12.11	93.38	5.4	33.62	7.9	25.5	0.34
F28	10 Nov 2020	53	12.08	93.34	5.3	33.62	7.9	25.5	0.33
F28	10 Nov 2020	54	12.02	93.22	5.3	33.62	7.9	25.5	0.33
F28	10 Nov 2020	55	11.98	93.00	5.2	33.61	7.9	25.5	0.31
F28	10 Nov 2020	56	11.96	92.82	5.1	33.61	7.9	25.5	0.30
F28	10 Nov 2020	57	11.93	92.63	5.1	33.60	7.9	25.5	0.29
F28	10 Nov 2020	58	11.88	92.30	5.0	33.60	7.9	25.5	0.28
F28	10 Nov 2020	59	11.85	92.07	5.0	33.60	7.9	25.5	0.27
F28	10 Nov 2020	60	11.84	92.07	4.9	33.60	7.9	25.5	0.27
F28	10 Nov 2020	61	11.86	92.38	5.0	33.61	7.9	25.5	0.27
F28	10 Nov 2020	62	11.87	92.68	5.0	33.62	7.9	25.5	0.27
F28	10 Nov 2020	63	11.88	93.02	5.1	33.64	7.9	25.6	0.28
F28	10 Nov 2020	64	11.89	93.34	5.0	33.65	7.9	25.6	0.29
F28	10 Nov 2020	65	11.90	93.61	5.0	33.66	7.9	25.6	0.29
F28	10 Nov 2020	66	11.89	93.73	5.1	33.67	7.9	25.6	0.28
F28	10 Nov 2020	67	11.85	93.75	5.1	33.68	7.9	25.6	0.28
F28	10 Nov 2020	68	11.79	93.76	5.0	33.70	7.9	25.6	0.29
F28	10 Nov 2020	69	11.79	93.76	4.9	33.70	7.9	25.6	0.28
F28	10 Nov 2020	70	11.76	93.74	4.9	33.70	7.9	25.6	0.27
F28	10 Nov 2020	71	11.75	93.70	4.9	33.70	7.8	25.6	0.27
F28	10 Nov 2020	72	11.73	93.67	4.8	33.70	7.8	25.6	0.27

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F28	10 Nov 2020	73	11.71	93.66	4.8	33.70	7.8	25.6	0.26
F28	10 Nov 2020	74	11.70	93.61	4.8	33.70	7.8	25.6	0.26
F28	10 Nov 2020	75	11.69	93.61	4.8	33.71	7.8	25.6	0.25
F28	10 Nov 2020	76	11.68	93.60	4.8	33.71	7.8	25.6	0.25
F28	10 Nov 2020	77	11.67	93.60	4.8	33.71	7.8	25.6	0.25
F28	10 Nov 2020	78	11.66	93.62	4.8	33.71	7.8	25.7	0.26
F28	10 Nov 2020	79	11.65	93.65	4.7	33.72	7.8	25.7	0.25
F28	10 Nov 2020	80	11.65	93.74	4.7	33.72	7.8	25.7	0.24
F28	10 Nov 2020	81	11.65	93.84	4.7	33.73	7.8	25.7	0.24
F28	10 Nov 2020	82	11.62	93.92	4.7	33.74	7.8	25.7	0.24
F28	10 Nov 2020	83	11.61	93.94	4.7	33.74	7.8	25.7	0.25
F28	10 Nov 2020	84	11.60	93.93	4.7	33.74	7.8	25.7	0.23
F28	10 Nov 2020	85	11.59	93.94	4.6	33.74	7.8	25.7	0.24
F28	10 Nov 2020	86	11.58	93.93	4.6	33.74	7.8	25.7	0.24
F28	10 Nov 2020	87	11.57	93.89	4.6	33.74	7.8	25.7	0.23
F28	10 Nov 2020	88	11.56	93.87	4.6	33.74	7.8	25.7	0.23
F28	10 Nov 2020	89	11.55	93.80	4.6	33.74	7.8	25.7	0.23
F28	10 Nov 2020	90	11.49	93.75	4.6	33.74	7.8	25.7	0.23
F28	10 Nov 2020	91	11.39	93.43	4.5	33.76	7.8	25.7	0.23
F28	10 Nov 2020	92	11.35	93.06	4.4	33.77	7.8	25.8	0.23
F28	10 Nov 2020	93	11.25	92.83	4.4	33.79	7.8	25.8	0.22
F28	10 Nov 2020	94	11.16	92.72	4.3	33.80	7.8	25.8	0.22
F28	10 Nov 2020	95	11.12	92.72	4.3	33.81	7.8	25.8	0.22
F28	10 Nov 2020	96	11.10	92.91	4.2	33.81	7.8	25.8	0.22
F28	10 Nov 2020	97	11.07	93.00	4.2	33.81	7.8	25.8	0.21
F28	10 Nov 2020	98	10.96	93.09	4.1	33.84	7.8	25.9	0.21
F28	10 Nov 2020	99	10.86	93.03	4.0	33.85	7.8	25.9	0.20
F28	10 Nov 2020	100	10.85	92.93	4.0	33.85	7.8	25.9	0.20
F28	10 Nov 2020	101	10.87	92.84	4.0	33.85	7.8	25.9	0.20
F29	10 Nov 2020	1	17.54	90.37	7.4	33.62	8.1	24.3	0.40
F29	10 Nov 2020	2	17.55	90.46	7.3	33.62	8.1	24.3	0.39
F29	10 Nov 2020	3	17.51	90.52	7.3	33.62	8.1	24.3	0.42
F29	10 Nov 2020	4	17.44	90.31	7.3	33.62	8.1	24.4	0.45
F29	10 Nov 2020	5	17.41	90.15	7.3	33.62	8.1	24.4	0.50
F29	10 Nov 2020	6	17.38	90.13	7.3	33.62	8.1	24.4	0.52
F29	10 Nov 2020	7	17.34	90.16	7.3	33.61	8.1	24.4	0.57
F29	10 Nov 2020	8	17.29	90.18	7.3	33.61	8.1	24.4	0.62
F29	10 Nov 2020	9	17.26	90.13	7.2	33.61	8.1	24.4	0.71
F29	10 Nov 2020	10	17.22	90.04	7.2	33.61	8.1	24.4	0.82
F29	10 Nov 2020	11	16.90	89.85	7.0	33.60	8.1	24.5	1.04
F29	10 Nov 2020	12	16.37	89.31	6.9	33.57	8.1	24.6	1.21
F29	10 Nov 2020	13	15.90	89.11	6.9	33.54	8.1	24.7	1.36
F29	10 Nov 2020	14	15.67	88.89	6.9	33.52	8.1	24.7	1.53
F29	10 Nov 2020	15	15.53	88.74	6.9	33.52	8.1	24.7	1.63
F29	10 Nov 2020	16	15.28	88.90	6.9	33.49	8.1	24.8	1.73
F29	10 Nov 2020	17	15.26	88.94	6.8	33.49	8.1	24.8	1.73
F29	10 Nov 2020	18	15.00	89.02	6.8	33.50	8.1	24.8	1.79
F29	10 Nov 2020	19	14.58	89.24	6.8	33.49	8.1	24.9	1.89
F29	10 Nov 2020	20	14.34	89.77	6.7	33.46	8.0	24.9	1.93
F29	10 Nov 2020	21	14.09	91.45	6.7	33.48	8.0	25.0	1.83
F29	10 Nov 2020	22	13.64	92.36	6.7	33.47	8.0	25.1	1.61
F29	10 Nov 2020	23	13.38	92.83	6.6	33.46	8.0	25.1	1.30
F29	10 Nov 2020	24	13.21	93.09	6.6	33.45	8.0	25.2	1.11
F29	10 Nov 2020	25	13.17	93.17	6.5	33.45	8.0	25.2	0.98
F29	10 Nov 2020	26	13.16	93.22	6.5	33.45	8.0	25.2	0.89
F29	10 Nov 2020	27	13.12	93.27	6.4	33.45	8.0	25.2	0.83
F29	10 Nov 2020	28	12.94	93.38	6.4	33.48	8.0	25.2	0.77
F29	10 Nov 2020	29	12.75	93.59	6.3	33.51	8.0	25.3	0.70
F29	10 Nov 2020	30	12.70	93.74	6.2	33.52	8.0	25.3	0.64
F29	10 Nov 2020	31	12.69	93.79	6.2	33.52	8.0	25.3	0.60

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F29	10 Nov 2020	32	12.67	93.82	6.2	33.52	8.0	25.3	0.58
F29	10 Nov 2020	33	12.66	93.84	6.1	33.53	8.0	25.3	0.57
F29	10 Nov 2020	34	12.60	93.86	6.0	33.54	8.0	25.3	0.55
F29	10 Nov 2020	35	12.55	93.91	6.0	33.55	8.0	25.4	0.54
F29	10 Nov 2020	36	12.53	93.93	6.0	33.55	8.0	25.4	0.53
F29	10 Nov 2020	37	12.47	93.93	6.0	33.56	8.0	25.4	0.52
F29	10 Nov 2020	38	12.44	93.95	5.9	33.56	7.9	25.4	0.50
F29	10 Nov 2020	39	12.43	93.97	5.9	33.56	8.0	25.4	0.50
F29	10 Nov 2020	40	12.41	93.98	5.9	33.57	7.9	25.4	0.51
F29	10 Nov 2020	41	12.37	93.97	5.9	33.58	7.9	25.4	0.49
F29	10 Nov 2020	42	12.34	93.96	5.9	33.59	7.9	25.4	0.47
F29	10 Nov 2020	43	12.32	94.02	5.8	33.59	7.9	25.4	0.47
F29	10 Nov 2020	44	12.29	94.02	5.8	33.60	7.9	25.4	0.47
F29	10 Nov 2020	45	12.26	93.99	5.7	33.61	7.9	25.5	0.45
F29	10 Nov 2020	46	12.24	93.97	5.6	33.62	7.9	25.5	0.43
F29	10 Nov 2020	47	12.21	93.96	5.5	33.63	7.9	25.5	0.42
F29	10 Nov 2020	48	12.15	93.93	5.5	33.65	7.9	25.5	0.41
F29	10 Nov 2020	49	12.03	93.92	5.4	33.67	7.9	25.6	0.37
F29	10 Nov 2020	50	11.98	93.90	5.2	33.68	7.9	25.6	0.35
F29	10 Nov 2020	51	11.98	93.92	5.2	33.68	7.9	25.6	0.34
F29	10 Nov 2020	52	11.96	93.92	5.1	33.68	7.9	25.6	0.33
F29	10 Nov 2020	53	11.92	93.90	5.1	33.69	7.9	25.6	0.31
F29	10 Nov 2020	54	11.90	93.90	5.1	33.69	7.9	25.6	0.31
F29	10 Nov 2020	55	11.90	93.88	5.1	33.69	7.9	25.6	0.29
F29	10 Nov 2020	56	11.89	93.89	5.1	33.70	7.9	25.6	0.30
F29	10 Nov 2020	57	11.88	93.86	5.0	33.70	7.9	25.6	0.29
F29	10 Nov 2020	58	11.88	93.86	5.0	33.70	7.9	25.6	0.28
F29	10 Nov 2020	59	11.85	93.84	4.9	33.70	7.9	25.6	0.28
F29	10 Nov 2020	60	11.77	93.64	4.9	33.70	7.9	25.6	0.28
F29	10 Nov 2020	61	11.73	93.26	4.9	33.69	7.9	25.6	0.27
F29	10 Nov 2020	62	11.71	92.96	4.9	33.69	7.9	25.6	0.27
F29	10 Nov 2020	63	11.68	92.94	4.8	33.69	7.8	25.6	0.27
F29	10 Nov 2020	64	11.66	92.87	4.8	33.69	7.8	25.6	0.25
F29	10 Nov 2020	65	11.65	92.58	4.8	33.68	7.8	25.6	0.25
F29	10 Nov 2020	66	11.64	92.32	4.8	33.68	7.8	25.6	0.24
F29	10 Nov 2020	67	11.62	92.01	4.8	33.68	7.8	25.6	0.25
F29	10 Nov 2020	68	11.59	91.76	4.8	33.67	7.8	25.6	0.24
F29	10 Nov 2020	69	11.54	91.73	4.7	33.67	7.8	25.6	0.24
F29	10 Nov 2020	70	11.53	91.59	4.7	33.67	7.8	25.6	0.24
F29	10 Nov 2020	71	11.53	91.54	4.7	33.67	7.8	25.6	0.24
F29	10 Nov 2020	72	11.53	91.52	4.7	33.67	7.8	25.6	0.24
F29	10 Nov 2020	73	11.52	91.59	4.7	33.67	7.8	25.6	0.24
F29	10 Nov 2020	74	11.53	91.68	4.7	33.68	7.8	25.7	0.24
F29	10 Nov 2020	75	11.56	92.06	4.7	33.69	7.8	25.7	0.23
F29	10 Nov 2020	76	11.57	92.36	4.7	33.69	7.8	25.7	0.24
F29	10 Nov 2020	77	11.60	92.50	4.7	33.70	7.8	25.7	0.24
F29	10 Nov 2020	78	11.59	93.03	4.7	33.71	7.8	25.7	0.24
F29	10 Nov 2020	79	11.57	93.10	4.7	33.72	7.8	25.7	0.23
F29	10 Nov 2020	80	11.55	93.14	4.7	33.72	7.8	25.7	0.23
F29	10 Nov 2020	81	11.49	93.10	4.6	33.71	7.8	25.7	0.24
F29	10 Nov 2020	82	11.45	92.67	4.6	33.72	7.8	25.7	0.23
F29	10 Nov 2020	83	11.45	92.80	4.6	33.72	7.8	25.7	0.23
F29	10 Nov 2020	84	11.45	92.86	4.6	33.73	7.8	25.7	0.23
F29	10 Nov 2020	85	11.46	92.94	4.5	33.73	7.8	25.7	0.23
F29	10 Nov 2020	86	11.47	93.10	4.5	33.73	7.8	25.7	0.23
F29	10 Nov 2020	87	11.47	93.29	4.5	33.75	7.8	25.7	0.22
F29	10 Nov 2020	88	11.45	93.77	4.5	33.77	7.8	25.7	0.22
F29	10 Nov 2020	89	11.38	93.96	4.5	33.77	7.8	25.7	0.22
F29	10 Nov 2020	90	11.32	93.91	4.5	33.77	7.8	25.8	0.22
F29	10 Nov 2020	91	11.30	93.86	4.5	33.77	7.8	25.8	0.21
F29	10 Nov 2020	92	11.26	93.77	4.5	33.78	7.8	25.8	0.22

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F29	10 Nov 2020	93	11.23	93.71	4.4	33.78	7.8	25.8	0.21
F29	10 Nov 2020	94	11.20	93.68	4.4	33.79	7.8	25.8	0.22
F29	10 Nov 2020	95	11.18	93.37	4.4	33.79	7.8	25.8	0.21
F29	10 Nov 2020	96	11.18	93.14	4.3	33.79	7.8	25.8	0.21
F29	10 Nov 2020	97	11.14	93.04	4.3	33.80	7.8	25.8	0.21
F29	10 Nov 2020	98	11.13	93.15	4.3	33.80	7.8	25.8	0.21
F29	10 Nov 2020	99	11.02	93.14	4.3	33.82	7.8	25.9	0.21
F29	10 Nov 2020	100	10.96	92.88	4.1	33.83	7.8	25.9	0.20
F30	10 Nov 2020	1	17.70	89.30	7.3	33.63	8.1	24.3	0.44
F30	10 Nov 2020	2	17.67	89.29	7.3	33.63	8.1	24.3	0.44
F30	10 Nov 2020	3	17.59	89.09	7.3	33.63	8.1	24.3	0.48
F30	10 Nov 2020	4	17.57	88.88	7.3	33.63	8.1	24.3	0.53
F30	10 Nov 2020	5	17.54	89.01	7.3	33.63	8.1	24.3	0.57
F30	10 Nov 2020	6	17.54	89.01	7.3	33.63	8.1	24.3	0.60
F30	10 Nov 2020	7	17.51	88.99	7.3	33.62	8.1	24.3	0.68
F30	10 Nov 2020	8	17.45	89.14	7.3	33.62	8.1	24.3	0.78
F30	10 Nov 2020	9	17.39	89.42	7.3	33.61	8.1	24.4	0.89
F30	10 Nov 2020	10	17.25	89.76	7.3	33.60	8.1	24.4	1.00
F30	10 Nov 2020	11	16.96	89.73	7.2	33.59	8.1	24.4	1.23
F30	10 Nov 2020	12	16.68	89.28	7.0	33.57	8.1	24.5	1.49
F30	10 Nov 2020	13	16.44	89.02	6.8	33.56	8.1	24.5	1.63
F30	10 Nov 2020	14	15.72	88.97	6.7	33.55	8.1	24.7	1.65
F30	10 Nov 2020	15	15.15	89.25	6.8	33.50	8.0	24.8	1.58
F30	10 Nov 2020	16	14.81	89.59	6.8	33.48	8.0	24.8	1.62
F30	10 Nov 2020	17	14.66	89.58	6.6	33.48	8.0	24.9	1.71
F30	10 Nov 2020	18	14.12	89.50	6.4	33.49	8.0	25.0	1.79
F30	10 Nov 2020	19	14.02	89.68	6.3	33.48	8.0	25.0	1.85
F30	10 Nov 2020	20	13.94	89.56	6.3	33.48	8.0	25.0	1.82
F30	10 Nov 2020	21	13.79	90.25	6.3	33.47	8.0	25.1	1.68
F30	10 Nov 2020	22	13.80	91.46	6.4	33.47	8.0	25.0	1.60
F30	10 Nov 2020	23	13.42	91.96	6.4	33.46	8.0	25.1	1.40
F30	10 Nov 2020	24	13.15	92.32	6.4	33.46	8.0	25.2	1.15
F30	10 Nov 2020	25	12.99	92.86	6.4	33.46	8.0	25.2	0.97
F30	10 Nov 2020	26	12.94	93.32	6.4	33.47	8.0	25.2	0.81
F30	10 Nov 2020	27	12.92	93.50	6.3	33.47	8.0	25.2	0.77
F30	10 Nov 2020	28	12.91	93.53	6.3	33.47	8.0	25.2	0.74
F30	10 Nov 2020	29	12.92	93.55	6.3	33.48	8.0	25.2	0.75
F30	10 Nov 2020	30	12.88	93.54	6.3	33.48	8.0	25.2	0.73
F30	10 Nov 2020	31	12.87	93.54	6.3	33.49	8.0	25.2	0.73
F30	10 Nov 2020	32	12.79	93.63	6.2	33.51	8.0	25.3	0.69
F30	10 Nov 2020	33	12.80	93.70	6.2	33.50	8.0	25.3	0.70
F30	10 Nov 2020	34	12.75	93.73	6.2	33.51	8.0	25.3	0.68
F30	10 Nov 2020	35	12.73	93.70	6.2	33.52	8.0	25.3	0.65
F30	10 Nov 2020	36	12.70	93.78	6.1	33.52	8.0	25.3	0.64
F30	10 Nov 2020	37	12.66	93.79	6.1	33.53	8.0	25.3	0.62
F30	10 Nov 2020	38	12.65	93.81	6.1	33.53	8.0	25.3	0.61
F30	10 Nov 2020	39	12.60	93.81	6.1	33.54	7.9	25.3	0.58
F30	10 Nov 2020	40	12.57	93.83	6.0	33.54	7.9	25.3	0.56
F30	10 Nov 2020	41	12.53	93.86	6.0	33.55	7.9	25.4	0.55
F30	10 Nov 2020	42	12.50	93.94	6.0	33.55	7.9	25.4	0.53
F30	10 Nov 2020	43	12.45	93.94	6.0	33.56	7.9	25.4	0.52
F30	10 Nov 2020	44	12.43	93.96	5.9	33.56	7.9	25.4	0.52
F30	10 Nov 2020	45	12.41	94.01	5.9	33.56	7.9	25.4	0.51
F30	10 Nov 2020	46	12.36	94.04	5.9	33.57	7.9	25.4	0.48
F30	10 Nov 2020	47	12.28	94.06	5.8	33.58	7.9	25.4	0.46
F30	10 Nov 2020	48	12.14	94.12	5.8	33.60	7.9	25.5	0.44
F30	10 Nov 2020	49	12.10	94.16	5.7	33.60	7.9	25.5	0.41
F30	10 Nov 2020	50	12.02	94.18	5.6	33.62	7.9	25.5	0.40
F30	10 Nov 2020	51	12.00	94.21	5.6	33.62	7.9	25.5	0.39
F30	10 Nov 2020	52	11.90	94.23	5.5	33.64	7.9	25.6	0.36

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ($\sigma\text{-t}$)	Chlor ($\mu\text{g/L}$)
F30	10 Nov 2020	53	11.87	94.19	5.4	33.65	7.9	25.6	0.35
F30	10 Nov 2020	54	11.83	94.13	5.3	33.66	7.9	25.6	0.34
F30	10 Nov 2020	55	11.76	93.57	5.2	33.67	7.9	25.6	0.32
F30	10 Nov 2020	56	11.77	93.72	5.1	33.68	7.9	25.6	0.33
F30	10 Nov 2020	57	11.77	93.81	5.1	33.68	7.9	25.6	0.31
F30	10 Nov 2020	58	11.78	93.85	5.1	33.68	7.9	25.6	0.32
F30	10 Nov 2020	59	11.77	94.01	5.1	33.68	7.9	25.6	0.31
F30	10 Nov 2020	60	11.72	93.67	5.0	33.69	7.9	25.6	0.29
F30	10 Nov 2020	61	11.71	93.30	5.0	33.68	7.8	25.6	0.29
F30	10 Nov 2020	62	11.69	93.24	5.0	33.68	7.8	25.6	0.28
F30	10 Nov 2020	63	11.68	93.05	4.9	33.68	7.8	25.6	0.30
F30	10 Nov 2020	64	11.62	92.95	4.9	33.67	7.8	25.6	0.28
F30	10 Nov 2020	65	11.52	91.72	4.8	33.66	7.8	25.6	0.27
F30	10 Nov 2020	66	11.53	90.65	4.8	33.66	7.8	25.6	0.27
F30	10 Nov 2020	67	11.53	90.87	4.8	33.66	7.8	25.6	0.26
F30	10 Nov 2020	68	11.56	91.51	4.7	33.68	7.8	25.6	0.26
F30	10 Nov 2020	69	11.58	92.21	4.7	33.69	7.8	25.7	0.25
F30	10 Nov 2020	70	11.59	92.59	4.7	33.70	7.8	25.7	0.25
F30	10 Nov 2020	71	11.61	92.76	4.7	33.71	7.8	25.7	0.26
F30	10 Nov 2020	72	11.63	93.32	4.8	33.71	7.8	25.7	0.25
F30	10 Nov 2020	73	11.67	93.95	4.8	33.72	7.8	25.7	0.25
F30	10 Nov 2020	74	11.67	94.01	4.8	33.73	7.8	25.7	0.25
F30	10 Nov 2020	75	11.66	94.02	4.7	33.73	7.8	25.7	0.25
F30	10 Nov 2020	76	11.63	94.02	4.7	33.73	7.8	25.7	0.25
F30	10 Nov 2020	77	11.62	93.99	4.7	33.73	7.8	25.7	0.25
F30	10 Nov 2020	78	11.62	93.98	4.7	33.73	7.8	25.7	0.25
F30	10 Nov 2020	79	11.59	93.99	4.7	33.74	7.8	25.7	0.25
F30	10 Nov 2020	80	11.60	93.98	4.7	33.74	7.8	25.7	0.25
F30	10 Nov 2020	81	11.56	94.01	4.6	33.74	7.8	25.7	0.24
F30	10 Nov 2020	82	11.56	93.99	4.6	33.74	7.8	25.7	0.25
F30	10 Nov 2020	83	11.54	94.02	4.6	33.74	7.8	25.7	0.24
F30	10 Nov 2020	84	11.53	94.01	4.6	33.74	7.8	25.7	0.24
F30	10 Nov 2020	85	11.51	94.05	4.6	33.74	7.8	25.7	0.24
F30	10 Nov 2020	86	11.49	94.05	4.6	33.74	7.8	25.7	0.24
F30	10 Nov 2020	87	11.41	94.07	4.6	33.75	7.8	25.7	0.24
F30	10 Nov 2020	88	11.33	94.05	4.6	33.75	7.8	25.7	0.23
F30	10 Nov 2020	89	11.31	93.97	4.6	33.76	7.8	25.8	0.23
F30	10 Nov 2020	90	11.29	93.87	4.6	33.76	7.8	25.8	0.24
F30	10 Nov 2020	91	11.29	93.78	4.6	33.76	7.8	25.8	0.24
F30	10 Nov 2020	92	11.29	93.73	4.5	33.76	7.8	25.8	0.23
F30	10 Nov 2020	93	11.25	93.70	4.5	33.77	7.8	25.8	0.22
F30	10 Nov 2020	94	11.20	93.50	4.5	33.77	7.8	25.8	0.23
F30	10 Nov 2020	95	11.14	93.33	4.4	33.78	7.8	25.8	0.22
F30	10 Nov 2020	96	11.07	93.27	4.3	33.80	7.8	25.8	0.21
F30	10 Nov 2020	97	10.97	92.90	4.2	33.82	7.8	25.9	0.21
F30	10 Nov 2020	98	10.97	92.92	4.1	33.82	7.8	25.9	0.21
F31	10 Nov 2020	1	17.74	89.02	7.3	33.63	8.1	24.3	0.45
F31	10 Nov 2020	2	17.67	88.88	7.3	33.63	8.1	24.3	0.48
F31	10 Nov 2020	3	17.59	88.62	7.3	33.63	8.1	24.3	0.53
F31	10 Nov 2020	4	17.57	88.36	7.3	33.63	8.1	24.3	0.59
F31	10 Nov 2020	5	17.56	88.25	7.3	33.63	8.1	24.3	0.63
F31	10 Nov 2020	6	17.55	88.25	7.3	33.63	8.1	24.3	0.68
F31	10 Nov 2020	7	17.52	88.26	7.2	33.63	8.1	24.3	0.76
F31	10 Nov 2020	8	17.34	88.40	7.2	33.62	8.1	24.4	0.88
F31	10 Nov 2020	9	17.20	88.75	7.1	33.60	8.1	24.4	1.00
F31	10 Nov 2020	10	16.95	89.11	7.0	33.59	8.1	24.4	1.16
F31	10 Nov 2020	11	16.60	88.94	6.9	33.58	8.1	24.5	1.38
F31	10 Nov 2020	12	15.97	88.62	6.7	33.55	8.1	24.6	1.57
F31	10 Nov 2020	13	15.70	88.59	6.4	33.53	8.0	24.7	1.74
F31	10 Nov 2020	14	15.49	88.54	6.2	33.52	8.0	24.7	1.72

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F31	10 Nov 2020	15	14.87	88.90	6.3	33.51	8.0	24.9	1.63
F31	10 Nov 2020	16	14.39	89.60	6.4	33.49	8.0	24.9	1.53
F31	10 Nov 2020	17	14.20	90.11	6.4	33.47	8.0	25.0	1.44
F31	10 Nov 2020	18	13.96	90.35	6.5	33.47	8.0	25.0	1.38
F31	10 Nov 2020	19	13.61	90.80	6.4	33.48	8.0	25.1	1.31
F31	10 Nov 2020	20	13.56	91.46	6.3	33.48	8.0	25.1	1.20
F31	10 Nov 2020	21	13.53	91.97	6.3	33.48	8.0	25.1	1.12
F31	10 Nov 2020	22	13.40	92.31	6.3	33.48	8.0	25.1	1.11
F31	10 Nov 2020	23	13.26	92.54	6.4	33.47	8.0	25.2	1.06
F31	10 Nov 2020	24	13.20	92.67	6.3	33.47	8.0	25.2	1.01
F31	10 Nov 2020	25	13.12	92.79	6.3	33.47	8.0	25.2	0.95
F31	10 Nov 2020	26	13.01	92.92	6.3	33.47	8.0	25.2	0.91
F31	10 Nov 2020	27	12.95	93.14	6.3	33.46	8.0	25.2	0.88
F31	10 Nov 2020	28	12.94	93.22	6.3	33.46	8.0	25.2	0.86
F31	10 Nov 2020	29	12.94	93.26	6.3	33.46	8.0	25.2	0.86
F31	10 Nov 2020	30	12.92	93.32	6.3	33.47	8.0	25.2	0.83
F31	10 Nov 2020	31	12.83	93.36	6.3	33.48	8.0	25.3	0.80
F31	10 Nov 2020	32	12.76	93.42	6.2	33.49	8.0	25.3	0.76
F31	10 Nov 2020	33	12.70	93.54	6.1	33.51	8.0	25.3	0.70
F31	10 Nov 2020	34	12.64	93.72	6.1	33.53	8.0	25.3	0.65
F31	10 Nov 2020	35	12.59	93.72	6.0	33.54	8.0	25.3	0.60
F31	10 Nov 2020	36	12.58	93.70	6.0	33.55	8.0	25.3	0.59
F31	10 Nov 2020	37	12.57	93.70	5.9	33.55	8.0	25.4	0.57
F31	10 Nov 2020	38	12.57	93.70	5.9	33.55	7.9	25.4	0.54
F31	10 Nov 2020	39	12.56	93.71	5.9	33.55	7.9	25.4	0.54
F31	10 Nov 2020	40	12.55	93.73	5.8	33.56	7.9	25.4	0.55
F31	10 Nov 2020	41	12.52	93.81	5.8	33.56	7.9	25.4	0.53
F31	10 Nov 2020	42	12.45	93.88	5.9	33.57	7.9	25.4	0.51
F31	10 Nov 2020	43	12.40	93.90	5.9	33.58	7.9	25.4	0.51
F31	10 Nov 2020	44	12.38	93.92	5.8	33.58	7.9	25.4	0.48
F31	10 Nov 2020	45	12.36	93.97	5.8	33.58	7.9	25.4	0.47
F31	10 Nov 2020	46	12.31	93.99	5.7	33.59	7.9	25.4	0.47
F31	10 Nov 2020	47	12.28	94.00	5.8	33.59	7.9	25.4	0.46
F31	10 Nov 2020	48	12.24	94.03	5.8	33.59	7.9	25.5	0.45
F31	10 Nov 2020	49	12.18	94.07	5.7	33.60	7.9	25.5	0.42
F31	10 Nov 2020	50	12.17	94.09	5.7	33.60	7.9	25.5	0.43
F31	10 Nov 2020	51	12.11	94.13	5.7	33.61	7.9	25.5	0.41
F31	10 Nov 2020	52	12.05	94.14	5.7	33.62	7.9	25.5	0.40
F31	10 Nov 2020	53	12.03	94.16	5.6	33.62	7.9	25.5	0.40
F31	10 Nov 2020	54	12.01	94.18	5.6	33.62	7.9	25.5	0.38
F31	10 Nov 2020	55	11.98	94.19	5.6	33.62	7.9	25.5	0.37
F31	10 Nov 2020	56	11.99	94.19	5.6	33.63	7.9	25.5	0.37
F31	10 Nov 2020	57	11.97	94.19	5.5	33.63	7.9	25.5	0.37
F31	10 Nov 2020	58	11.94	94.19	5.5	33.63	7.9	25.5	0.37
F31	10 Nov 2020	59	11.92	94.19	5.5	33.64	7.9	25.5	0.35
F31	10 Nov 2020	60	11.87	94.11	5.4	33.65	7.9	25.6	0.35
F31	10 Nov 2020	61	11.84	94.16	5.3	33.67	7.9	25.6	0.35
F31	10 Nov 2020	62	11.81	94.11	5.3	33.67	7.9	25.6	0.34
F31	10 Nov 2020	63	11.78	94.13	5.3	33.67	7.9	25.6	0.32
F31	10 Nov 2020	64	11.77	94.14	5.2	33.67	7.9	25.6	0.32
F31	10 Nov 2020	65	11.77	94.14	5.2	33.67	7.9	25.6	0.31
F31	10 Nov 2020	66	11.77	94.13	5.2	33.68	7.9	25.6	0.30
F31	10 Nov 2020	67	11.75	94.14	5.2	33.68	7.9	25.6	0.31
F31	10 Nov 2020	68	11.70	94.16	5.2	33.68	7.9	25.6	0.30
F31	10 Nov 2020	69	11.68	94.16	5.2	33.69	7.9	25.6	0.30
F31	10 Nov 2020	70	11.66	94.18	5.2	33.69	7.9	25.6	0.29
F31	10 Nov 2020	71	11.65	94.22	5.1	33.69	7.9	25.6	0.29
F31	10 Nov 2020	72	11.64	94.21	5.1	33.69	7.9	25.6	0.29
F31	10 Nov 2020	73	11.59	94.19	5.1	33.70	7.9	25.7	0.28
F31	10 Nov 2020	74	11.54	94.19	5.1	33.71	7.9	25.7	0.29
F31	10 Nov 2020	75	11.52	94.21	5.0	33.71	7.9	25.7	0.28

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F31	10 Nov 2020	76	11.52	94.20	5.0	33.71	7.9	25.7	0.27
F31	10 Nov 2020	77	11.50	94.20	5.0	33.71	7.9	25.7	0.26
F31	10 Nov 2020	78	11.49	94.21	4.9	33.71	7.9	25.7	0.26
F31	10 Nov 2020	79	11.49	94.21	4.9	33.71	7.9	25.7	0.27
F31	10 Nov 2020	80	11.42	94.11	4.9	33.73	7.8	25.7	0.26
F31	10 Nov 2020	81	11.33	93.94	4.8	33.75	7.8	25.7	0.25
F31	10 Nov 2020	82	11.30	93.90	4.8	33.75	7.8	25.7	0.24
F31	10 Nov 2020	83	11.29	93.84	4.7	33.75	7.8	25.8	0.23
F31	10 Nov 2020	84	11.29	93.81	4.6	33.75	7.8	25.8	0.24
F31	10 Nov 2020	85	11.28	93.80	4.6	33.75	7.8	25.8	0.24
F31	10 Nov 2020	86	11.27	93.77	4.6	33.76	7.8	25.8	0.22
F31	10 Nov 2020	87	11.26	93.75	4.6	33.76	7.8	25.8	0.23
F31	10 Nov 2020	88	11.26	93.72	4.6	33.76	7.8	25.8	0.22
F31	10 Nov 2020	89	11.25	93.66	4.6	33.76	7.8	25.8	0.22
F31	10 Nov 2020	90	11.24	93.63	4.6	33.76	7.8	25.8	0.23
F31	10 Nov 2020	91	11.23	93.53	4.5	33.77	7.8	25.8	0.22
F31	10 Nov 2020	92	11.21	93.45	4.5	33.77	7.8	25.8	0.23
F31	10 Nov 2020	93	11.19	93.42	4.5	33.77	7.8	25.8	0.21
F31	10 Nov 2020	94	11.18	93.42	4.5	33.78	7.8	25.8	0.22
F31	10 Nov 2020	95	11.14	93.35	4.4	33.79	7.8	25.8	0.22
F31	10 Nov 2020	96	11.11	93.22	4.4	33.79	7.8	25.8	0.21
F31	10 Nov 2020	97	11.09	93.14	4.3	33.80	7.8	25.8	0.21
F31	10 Nov 2020	98	11.04	92.98	4.3	33.81	7.8	25.8	0.20
F31	10 Nov 2020	99	11.08	90.28	4.3	33.80	7.8	25.8	0.21
F31	10 Nov 2020	100	11.08	88.25	4.3	33.80	7.8	25.8	0.21
F32	10 Nov 2020	1	17.68	89.53	7.3	33.62	8.1	24.3	0.48
F32	10 Nov 2020	2	17.64	89.48	7.3	33.62	8.1	24.3	0.49
F32	10 Nov 2020	3	17.54	89.46	7.3	33.62	8.1	24.3	0.52
F32	10 Nov 2020	4	17.52	89.27	7.3	33.62	8.1	24.3	0.54
F32	10 Nov 2020	5	17.50	89.02	7.3	33.62	8.1	24.3	0.61
F32	10 Nov 2020	6	17.51	88.87	7.3	33.62	8.1	24.3	0.63
F32	10 Nov 2020	7	17.50	88.97	7.3	33.62	8.1	24.3	0.69
F32	10 Nov 2020	8	17.48	88.79	7.2	33.62	8.1	24.3	0.78
F32	10 Nov 2020	9	17.38	88.70	7.2	33.62	8.1	24.4	0.92
F32	10 Nov 2020	10	16.93	89.09	7.1	33.59	8.1	24.4	1.09
F32	10 Nov 2020	11	16.54	89.22	7.0	33.56	8.1	24.5	1.31
F32	10 Nov 2020	12	16.27	89.03	6.8	33.55	8.1	24.6	1.53
F32	10 Nov 2020	13	15.82	88.60	6.5	33.53	8.1	24.7	1.71
F32	10 Nov 2020	14	15.37	88.63	6.3	33.51	8.0	24.7	1.79
F32	10 Nov 2020	15	15.09	88.41	6.2	33.50	8.0	24.8	1.76
F32	10 Nov 2020	16	14.91	88.63	6.1	33.49	8.0	24.8	1.71
F32	10 Nov 2020	17	14.60	88.84	6.0	33.48	8.0	24.9	1.57
F32	10 Nov 2020	18	14.37	89.49	5.9	33.48	8.0	24.9	1.45
F32	10 Nov 2020	19	14.09	90.04	5.9	33.49	8.0	25.0	1.28
F32	10 Nov 2020	20	13.88	90.50	5.8	33.49	7.9	25.0	1.05
F32	10 Nov 2020	21	13.78	91.08	5.8	33.49	7.9	25.1	0.96
F32	10 Nov 2020	22	13.67	91.35	5.8	33.50	7.9	25.1	0.91
F32	10 Nov 2020	23	13.42	91.49	5.8	33.51	7.9	25.2	0.75
F32	10 Nov 2020	24	13.27	92.02	5.8	33.52	7.9	25.2	0.65
F32	10 Nov 2020	25	13.21	92.28	5.8	33.52	7.9	25.2	0.59
F32	10 Nov 2020	26	13.15	92.34	5.8	33.52	7.9	25.2	0.60
F32	10 Nov 2020	27	13.04	92.56	5.9	33.52	7.9	25.2	0.63
F32	10 Nov 2020	28	12.97	92.86	6.0	33.52	8.0	25.3	0.61
F32	10 Nov 2020	29	12.92	93.12	6.0	33.52	8.0	25.3	0.59
F32	10 Nov 2020	30	12.84	93.29	6.0	33.51	8.0	25.3	0.61
F32	10 Nov 2020	31	12.79	93.33	6.0	33.51	8.0	25.3	0.61
F32	10 Nov 2020	32	12.51	93.48	6.0	33.53	8.0	25.3	0.59
F32	10 Nov 2020	33	12.48	93.66	6.0	33.53	7.9	25.4	0.58
F32	10 Nov 2020	34	12.47	93.72	6.0	33.53	7.9	25.4	0.57
F32	10 Nov 2020	35	12.45	93.74	6.0	33.54	7.9	25.4	0.54

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F32	10 Nov 2020	36	12.42	93.70	5.9	33.56	7.9	25.4	0.51
F32	10 Nov 2020	37	12.41	93.71	5.8	33.57	7.9	25.4	0.48
F32	10 Nov 2020	38	12.40	93.65	5.7	33.59	7.9	25.4	0.45
F32	10 Nov 2020	39	12.39	93.48	5.6	33.59	7.9	25.4	0.45
F32	10 Nov 2020	40	12.39	93.38	5.6	33.59	7.9	25.4	0.43
F32	10 Nov 2020	41	12.40	93.41	5.6	33.60	7.9	25.4	0.42
F32	10 Nov 2020	42	12.39	93.40	5.5	33.60	7.9	25.4	0.41
F32	10 Nov 2020	43	12.39	93.41	5.5	33.60	7.9	25.4	0.41
F32	10 Nov 2020	44	12.39	93.41	5.5	33.60	7.9	25.4	0.41
F32	10 Nov 2020	45	12.38	93.42	5.5	33.60	7.9	25.4	0.40
F32	10 Nov 2020	46	12.36	93.36	5.5	33.60	7.9	25.4	0.41
F32	10 Nov 2020	47	12.33	93.42	5.5	33.60	7.9	25.4	0.40
F32	10 Nov 2020	48	12.32	93.40	5.5	33.61	7.9	25.4	0.38
F32	10 Nov 2020	49	12.30	93.44	5.4	33.62	7.9	25.5	0.37
F32	10 Nov 2020	50	12.29	93.46	5.4	33.62	7.9	25.5	0.36
F32	10 Nov 2020	51	12.20	93.46	5.4	33.63	7.9	25.5	0.34
F32	10 Nov 2020	52	12.18	93.54	5.3	33.63	7.9	25.5	0.34
F32	10 Nov 2020	53	12.15	93.59	5.3	33.64	7.9	25.5	0.35
F32	10 Nov 2020	54	12.10	93.69	5.3	33.65	7.9	25.5	0.34
F32	10 Nov 2020	55	12.06	93.62	5.2	33.65	7.9	25.5	0.32
F32	10 Nov 2020	56	12.02	93.59	5.2	33.66	7.9	25.5	0.31
F32	10 Nov 2020	57	11.96	93.50	5.1	33.67	7.9	25.6	0.29
F32	10 Nov 2020	58	11.96	93.59	5.1	33.67	7.9	25.6	0.29
F32	10 Nov 2020	59	11.93	93.55	5.0	33.68	7.9	25.6	0.28
F32	10 Nov 2020	60	11.93	93.52	5.0	33.68	7.9	25.6	0.30
F32	10 Nov 2020	61	11.88	93.54	5.0	33.68	7.9	25.6	0.27
F32	10 Nov 2020	62	11.83	93.55	5.0	33.68	7.9	25.6	0.28
F32	10 Nov 2020	63	11.80	93.65	5.1	33.68	7.9	25.6	0.29
F32	10 Nov 2020	64	11.76	93.75	5.1	33.68	7.9	25.6	0.28
F32	10 Nov 2020	65	11.70	93.87	5.1	33.69	7.9	25.6	0.28
F32	10 Nov 2020	66	11.68	93.98	5.1	33.69	7.9	25.6	0.28
F32	10 Nov 2020	67	11.67	94.03	5.1	33.69	7.9	25.6	0.28
F32	10 Nov 2020	68	11.65	94.04	5.0	33.69	7.9	25.6	0.29
F32	10 Nov 2020	69	11.60	94.03	5.0	33.70	7.9	25.7	0.28
F32	10 Nov 2020	70	11.58	94.07	5.0	33.69	7.9	25.7	0.27
F32	10 Nov 2020	71	11.57	94.11	5.0	33.69	7.8	25.7	0.27
F32	10 Nov 2020	72	11.54	94.09	5.0	33.70	7.8	25.7	0.27
F32	10 Nov 2020	73	11.51	94.15	5.0	33.70	7.8	25.7	0.27
F32	10 Nov 2020	74	11.50	94.18	5.0	33.70	7.8	25.7	0.27
F32	10 Nov 2020	75	11.51	94.20	5.0	33.70	7.8	25.7	0.28
F32	10 Nov 2020	76	11.49	94.21	5.0	33.70	7.8	25.7	0.26
F32	10 Nov 2020	77	11.46	94.20	5.0	33.70	7.8	25.7	0.26
F32	10 Nov 2020	78	11.46	94.18	5.0	33.70	7.8	25.7	0.26
F32	10 Nov 2020	79	11.45	94.15	5.0	33.70	7.8	25.7	0.27
F32	10 Nov 2020	80	11.43	94.19	5.0	33.70	7.8	25.7	0.26
F32	10 Nov 2020	81	11.42	94.21	5.0	33.70	7.8	25.7	0.27
F32	10 Nov 2020	82	11.40	94.27	5.0	33.70	7.8	25.7	0.25
F32	10 Nov 2020	83	11.38	94.30	5.0	33.71	7.8	25.7	0.26
F32	10 Nov 2020	84	11.35	94.33	4.9	33.72	7.8	25.7	0.26
F32	10 Nov 2020	85	11.34	94.28	4.9	33.73	7.8	25.7	0.26
F32	10 Nov 2020	86	11.30	94.23	4.8	33.74	7.8	25.7	0.24
F32	10 Nov 2020	87	11.23	94.09	4.7	33.76	7.8	25.8	0.23
F32	10 Nov 2020	88	11.22	93.98	4.6	33.77	7.8	25.8	0.22
F32	10 Nov 2020	89	11.21	93.93	4.5	33.77	7.8	25.8	0.21
F32	10 Nov 2020	90	11.20	93.95	4.5	33.77	7.8	25.8	0.22
F32	10 Nov 2020	91	11.18	93.89	4.5	33.77	7.8	25.8	0.21
F32	10 Nov 2020	92	11.16	93.84	4.5	33.78	7.8	25.8	0.21
F32	10 Nov 2020	93	11.13	93.67	4.4	33.79	7.8	25.8	0.21
F32	10 Nov 2020	94	11.12	93.48	4.4	33.79	7.8	25.8	0.21
F32	10 Nov 2020	95	11.10	93.57	4.4	33.79	7.8	25.8	0.21
F32	10 Nov 2020	96	11.08	93.67	4.3	33.80	7.8	25.8	0.20

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F32	10 Nov 2020	97	11.07	93.62	4.3	33.80	7.8	25.8	0.20
F32	10 Nov 2020	98	11.07	93.50	4.3	33.80	7.8	25.8	0.20
F32	10 Nov 2020	99	11.06	93.44	4.3	33.80	7.8	25.8	0.20
F32	10 Nov 2020	100	11.05	93.46	4.3	33.80	7.8	25.8	0.20
F32	10 Nov 2020	101	10.99	93.28	4.2	33.81	7.8	25.9	0.20
F32	10 Nov 2020	102	11.00	93.16	4.2	33.81	7.8	25.9	0.20
F33	10 Nov 2020	1	17.58	89.40	7.3	33.62	8.1	24.3	0.51
F33	10 Nov 2020	2	17.53	89.28	7.3	33.62	8.1	24.3	0.56
F33	10 Nov 2020	3	17.49	89.07	7.2	33.62	8.1	24.3	0.60
F33	10 Nov 2020	4	17.48	88.88	7.3	33.62	8.1	24.3	0.66
F33	10 Nov 2020	5	17.47	88.94	7.3	33.62	8.1	24.3	0.71
F33	10 Nov 2020	6	17.45	88.90	7.2	33.62	8.1	24.3	0.78
F33	10 Nov 2020	7	17.45	88.86	7.2	33.62	8.1	24.3	0.85
F33	10 Nov 2020	8	17.44	88.87	7.2	33.61	8.1	24.3	0.92
F33	10 Nov 2020	9	17.40	88.85	7.2	33.61	8.1	24.4	1.02
F33	10 Nov 2020	10	17.35	88.85	7.2	33.60	8.1	24.4	1.14
F33	10 Nov 2020	11	17.06	88.99	7.1	33.61	8.1	24.4	1.23
F33	10 Nov 2020	12	16.53	88.97	7.0	33.57	8.1	24.5	1.41
F33	10 Nov 2020	13	16.36	88.83	6.8	33.55	8.1	24.6	1.54
F33	10 Nov 2020	14	16.09	88.72	6.7	33.55	8.1	24.6	1.67
F33	10 Nov 2020	15	15.92	88.69	6.6	33.53	8.1	24.6	1.71
F33	10 Nov 2020	16	15.84	88.67	6.5	33.52	8.0	24.6	1.78
F33	10 Nov 2020	17	15.48	88.57	6.3	33.52	8.0	24.7	1.80
F33	10 Nov 2020	18	15.07	88.61	6.2	33.50	8.0	24.8	1.84
F33	10 Nov 2020	19	14.86	88.87	6.0	33.49	8.0	24.8	1.83
F33	10 Nov 2020	20	14.68	89.10	6.0	33.48	8.0	24.9	1.73
F33	10 Nov 2020	21	14.34	89.75	5.9	33.48	8.0	24.9	1.55
F33	10 Nov 2020	22	14.02	90.22	5.9	33.49	8.0	25.0	1.33
F33	10 Nov 2020	23	13.83	90.78	5.8	33.50	7.9	25.1	1.11
F33	10 Nov 2020	24	13.72	91.45	5.8	33.49	7.9	25.1	0.98
F33	10 Nov 2020	25	13.51	91.78	5.8	33.51	7.9	25.1	0.84
F33	10 Nov 2020	26	13.33	92.00	5.7	33.51	7.9	25.2	0.76
F33	10 Nov 2020	27	13.28	92.19	5.7	33.52	7.9	25.2	0.65
F33	10 Nov 2020	28	13.27	92.29	5.7	33.52	7.9	25.2	0.58
F33	10 Nov 2020	29	13.27	92.32	5.7	33.52	7.9	25.2	0.61
F33	10 Nov 2020	30	13.26	92.36	5.7	33.52	7.9	25.2	0.57
F33	10 Nov 2020	31	13.26	92.45	5.7	33.52	7.9	25.2	0.58
F33	10 Nov 2020	32	13.22	92.53	5.7	33.52	7.9	25.2	0.56
F33	10 Nov 2020	33	13.11	92.57	5.7	33.53	7.9	25.2	0.55
F33	10 Nov 2020	34	13.03	92.59	5.6	33.54	7.9	25.3	0.49
F33	10 Nov 2020	35	12.80	92.64	5.6	33.56	7.9	25.3	0.46
F33	10 Nov 2020	36	12.49	92.80	5.7	33.57	7.9	25.4	0.44
F33	10 Nov 2020	37	12.38	93.44	5.7	33.56	7.9	25.4	0.43
F33	10 Nov 2020	38	12.35	93.68	5.7	33.56	7.9	25.4	0.43
F33	10 Nov 2020	39	12.33	93.74	5.7	33.57	7.9	25.4	0.43
F33	10 Nov 2020	40	12.37	93.67	5.6	33.59	7.9	25.4	0.42
F33	10 Nov 2020	41	12.37	93.45	5.6	33.59	7.9	25.4	0.41
F33	10 Nov 2020	42	12.38	93.43	5.6	33.60	7.9	25.4	0.41
F33	10 Nov 2020	43	12.37	93.43	5.6	33.60	7.9	25.4	0.41
F33	10 Nov 2020	44	12.37	93.34	5.5	33.60	7.9	25.4	0.40
F33	10 Nov 2020	45	12.36	93.35	5.5	33.60	7.9	25.4	0.39
F33	10 Nov 2020	46	12.35	93.48	5.5	33.60	7.9	25.4	0.39
F33	10 Nov 2020	47	12.35	93.48	5.5	33.60	7.9	25.4	0.40
F33	10 Nov 2020	48	12.35	93.48	5.4	33.60	7.9	25.4	0.38
F33	10 Nov 2020	49	12.35	93.49	5.5	33.60	7.9	25.4	0.39
F33	10 Nov 2020	50	12.35	93.46	5.5	33.60	7.9	25.4	0.39
F33	10 Nov 2020	51	12.35	93.47	5.5	33.61	7.9	25.4	0.39
F33	10 Nov 2020	52	12.32	93.49	5.4	33.61	7.9	25.5	0.38
F33	10 Nov 2020	53	12.20	93.48	5.4	33.64	7.9	25.5	0.35
F33	10 Nov 2020	54	12.17	93.48	5.3	33.64	7.9	25.5	0.34

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F33	10 Nov 2020	55	12.11	93.45	5.2	33.65	7.9	25.5	0.32
F33	10 Nov 2020	56	12.06	93.43	5.2	33.66	7.9	25.5	0.31
F33	10 Nov 2020	57	12.02	93.45	5.2	33.66	7.9	25.5	0.31
F33	10 Nov 2020	58	11.98	93.56	5.2	33.66	7.9	25.6	0.31
F33	10 Nov 2020	59	11.95	93.60	5.2	33.67	7.9	25.6	0.30
F33	10 Nov 2020	60	11.93	93.57	5.1	33.67	7.9	25.6	0.30
F33	10 Nov 2020	61	11.90	93.51	5.1	33.67	7.9	25.6	0.30
F33	10 Nov 2020	62	11.84	93.77	5.1	33.67	7.9	25.6	0.29
F33	10 Nov 2020	63	11.78	93.84	5.1	33.67	7.9	25.6	0.29
F33	10 Nov 2020	64	11.71	93.89	5.2	33.68	7.9	25.6	0.29
F33	10 Nov 2020	65	11.68	94.00	5.1	33.68	7.9	25.6	0.29
F33	10 Nov 2020	66	11.63	93.97	5.1	33.69	7.9	25.6	0.29
F33	10 Nov 2020	67	11.60	94.00	5.1	33.69	7.9	25.6	0.27
F33	10 Nov 2020	68	11.58	94.05	5.1	33.69	7.9	25.7	0.27
F33	10 Nov 2020	69	11.55	94.07	5.0	33.70	7.9	25.7	0.27
F33	10 Nov 2020	70	11.54	94.07	5.0	33.70	7.9	25.7	0.27
F33	10 Nov 2020	71	11.47	94.09	5.0	33.71	7.8	25.7	0.26
F33	10 Nov 2020	72	11.41	94.12	5.0	33.71	7.8	25.7	0.25
F33	10 Nov 2020	73	11.38	94.20	5.0	33.72	7.8	25.7	0.25
F33	10 Nov 2020	74	11.37	94.22	4.9	33.72	7.8	25.7	0.24
F33	10 Nov 2020	75	11.37	94.22	4.9	33.72	7.8	25.7	0.25
F33	10 Nov 2020	76	11.36	94.18	4.9	33.72	7.8	25.7	0.24
F33	10 Nov 2020	77	11.36	94.15	4.8	33.73	7.8	25.7	0.25
F33	10 Nov 2020	78	11.33	94.19	4.8	33.74	7.8	25.7	0.23
F33	10 Nov 2020	79	11.31	94.11	4.7	33.75	7.8	25.7	0.22
F33	10 Nov 2020	80	11.28	94.06	4.6	33.76	7.8	25.8	0.23
F33	10 Nov 2020	81	11.27	94.02	4.6	33.76	7.8	25.8	0.23
F33	10 Nov 2020	82	11.27	93.92	4.6	33.76	7.8	25.8	0.23
F33	10 Nov 2020	83	11.24	93.92	4.5	33.77	7.8	25.8	0.22
F33	10 Nov 2020	84	11.24	93.86	4.5	33.77	7.8	25.8	0.22
F33	10 Nov 2020	85	11.23	93.84	4.5	33.77	7.8	25.8	0.22
F33	10 Nov 2020	86	11.22	93.78	4.5	33.77	7.8	25.8	0.22
F33	10 Nov 2020	87	11.21	93.76	4.5	33.77	7.8	25.8	0.22
F33	10 Nov 2020	88	11.20	93.59	4.5	33.77	7.8	25.8	0.22
F33	10 Nov 2020	89	11.19	93.60	4.4	33.77	7.8	25.8	0.22
F33	10 Nov 2020	90	11.17	93.58	4.4	33.78	7.8	25.8	0.21
F33	10 Nov 2020	91	11.12	93.30	4.4	33.79	7.8	25.8	0.21
F33	10 Nov 2020	92	11.10	93.07	4.3	33.79	7.8	25.8	0.21
F33	10 Nov 2020	93	11.07	92.92	4.3	33.80	7.8	25.8	0.21
F33	10 Nov 2020	94	11.05	92.84	4.2	33.80	7.8	25.8	0.21
F33	10 Nov 2020	95	11.05	92.82	4.2	33.80	7.8	25.8	0.21
F33	10 Nov 2020	96	11.05	92.81	4.2	33.80	7.8	25.8	0.21
F33	10 Nov 2020	97	11.05	92.85	4.2	33.80	7.8	25.8	0.22
F33	10 Nov 2020	98	11.04	92.88	4.2	33.81	7.8	25.8	0.21
F33	10 Nov 2020	99	11.03	92.94	4.2	33.81	7.8	25.8	0.21
F33	10 Nov 2020	100	11.02	92.99	4.2	33.81	7.8	25.8	0.20
F33	10 Nov 2020	101	11.02	92.97	4.2	33.81	7.8	25.8	0.20
F33	10 Nov 2020	102	11.02	92.92	4.2	33.81	7.8	25.8	0.20
F34	10 Nov 2020	1	17.52	88.84	7.3	33.62	8.1	24.3	0.58
F34	10 Nov 2020	2	17.48	88.83	7.3	33.62	8.1	24.3	0.60
F34	10 Nov 2020	3	17.47	88.71	7.2	33.62	8.1	24.3	0.62
F34	10 Nov 2020	4	17.45	88.63	7.2	33.62	8.1	24.3	0.68
F34	10 Nov 2020	5	17.44	88.55	7.2	33.62	8.1	24.3	0.74
F34	10 Nov 2020	6	17.42	88.59	7.2	33.62	8.1	24.4	0.82
F34	10 Nov 2020	7	17.39	88.70	7.3	33.61	8.1	24.4	0.94
F34	10 Nov 2020	8	17.25	88.83	7.2	33.60	8.1	24.4	1.03
F34	10 Nov 2020	9	16.99	89.08	7.1	33.58	8.1	24.4	1.10
F34	10 Nov 2020	10	16.37	89.51	7.0	33.58	8.1	24.6	1.19
F34	10 Nov 2020	11	15.98	89.55	6.8	33.54	8.1	24.6	1.34
F34	10 Nov 2020	12	15.96	89.51	6.7	33.53	8.1	24.6	1.42

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F34	10 Nov 2020	13	15.95	89.45	6.6	33.52	8.1	24.6	1.51
F34	10 Nov 2020	14	15.92	89.35	6.4	33.52	8.0	24.6	1.59
F34	10 Nov 2020	15	15.46	89.39	6.3	33.53	8.0	24.7	1.69
F34	10 Nov 2020	16	15.01	89.09	6.1	33.51	8.0	24.8	1.63
F34	10 Nov 2020	17	14.59	89.32	6.0	33.49	8.0	24.9	1.55
F34	10 Nov 2020	18	14.39	89.62	5.8	33.49	8.0	24.9	1.41
F34	10 Nov 2020	19	14.06	90.02	5.8	33.49	7.9	25.0	1.21
F34	10 Nov 2020	20	13.81	90.83	5.8	33.49	7.9	25.1	1.02
F34	10 Nov 2020	21	13.78	91.21	5.8	33.49	7.9	25.1	0.91
F34	10 Nov 2020	22	13.76	91.39	5.7	33.49	7.9	25.1	0.86
F34	10 Nov 2020	23	13.75	91.50	5.7	33.49	7.9	25.1	0.87
F34	10 Nov 2020	24	13.74	91.55	5.7	33.49	7.9	25.1	0.88
F34	10 Nov 2020	25	13.72	91.50	5.7	33.49	7.9	25.1	0.83
F34	10 Nov 2020	26	13.70	91.38	5.7	33.49	7.9	25.1	0.78
F34	10 Nov 2020	27	13.68	91.64	5.7	33.50	7.9	25.1	0.76
F34	10 Nov 2020	28	13.66	91.70	5.7	33.50	7.9	25.1	0.78
F34	10 Nov 2020	29	13.52	91.73	5.7	33.51	7.9	25.1	0.70
F34	10 Nov 2020	30	13.42	91.94	5.7	33.52	7.9	25.2	0.64
F34	10 Nov 2020	31	13.42	92.21	5.7	33.52	7.9	25.2	0.62
F34	10 Nov 2020	32	13.35	92.29	5.6	33.52	7.9	25.2	0.62
F34	10 Nov 2020	33	13.32	92.34	5.7	33.52	7.9	25.2	0.58
F34	10 Nov 2020	34	13.30	92.37	5.7	33.52	7.9	25.2	0.54
F34	10 Nov 2020	35	13.29	92.38	5.7	33.52	7.9	25.2	0.57
F34	10 Nov 2020	36	13.27	92.39	5.7	33.53	7.9	25.2	0.54
F34	10 Nov 2020	37	13.24	92.50	5.6	33.53	7.9	25.2	0.51
F34	10 Nov 2020	38	13.19	92.48	5.6	33.53	7.9	25.2	0.50
F34	10 Nov 2020	39	12.84	92.49	5.6	33.57	7.9	25.3	0.44
F34	10 Nov 2020	40	12.48	92.87	5.6	33.58	7.9	25.4	0.41
F34	10 Nov 2020	41	12.44	93.40	5.6	33.57	7.9	25.4	0.39
F34	10 Nov 2020	42	12.44	93.44	5.5	33.58	7.9	25.4	0.36
F34	10 Nov 2020	43	12.42	93.33	5.5	33.58	7.9	25.4	0.35
F34	10 Nov 2020	44	12.42	93.21	5.4	33.58	7.9	25.4	0.33
F34	10 Nov 2020	45	12.28	93.25	5.4	33.60	7.9	25.4	0.33
F34	10 Nov 2020	46	12.14	93.54	5.5	33.59	7.9	25.5	0.35
F34	10 Nov 2020	47	12.13	93.77	5.6	33.59	7.9	25.5	0.36
F34	10 Nov 2020	48	12.12	93.82	5.5	33.59	7.9	25.5	0.36
F34	10 Nov 2020	49	12.06	93.92	5.5	33.61	7.9	25.5	0.35
F34	10 Nov 2020	50	12.08	94.00	5.5	33.61	7.9	25.5	0.35
F34	10 Nov 2020	51	12.02	93.93	5.4	33.63	7.9	25.5	0.33
F34	10 Nov 2020	52	12.01	93.88	5.4	33.64	7.9	25.5	0.32
F34	10 Nov 2020	53	11.99	93.88	5.3	33.64	7.9	25.5	0.31
F34	10 Nov 2020	54	11.99	93.85	5.3	33.64	7.9	25.5	0.31
F34	10 Nov 2020	55	11.97	93.84	5.3	33.64	7.9	25.5	0.31
F34	10 Nov 2020	56	11.89	93.68	5.2	33.65	7.9	25.6	0.30
F34	10 Nov 2020	57	11.88	93.63	5.2	33.65	7.9	25.6	0.29
F34	10 Nov 2020	58	11.87	93.68	5.2	33.65	7.9	25.6	0.28
F34	10 Nov 2020	59	11.86	93.62	5.1	33.65	7.9	25.6	0.28
F34	10 Nov 2020	60	11.80	93.43	5.0	33.65	7.9	25.6	0.26
F34	10 Nov 2020	61	11.77	92.98	4.8	33.65	7.8	25.6	0.24
F34	10 Nov 2020	62	11.66	92.45	4.6	33.65	7.8	25.6	0.22
F34	10 Nov 2020	63	11.63	92.51	4.5	33.65	7.8	25.6	0.20
F34	10 Nov 2020	64	11.60	92.79	4.5	33.66	7.8	25.6	0.20
F34	10 Nov 2020	65	11.59	92.68	4.5	33.66	7.8	25.6	0.20
F34	10 Nov 2020	66	11.56	92.62	4.5	33.67	7.8	25.6	0.19
F34	10 Nov 2020	67	11.53	92.84	4.5	33.68	7.8	25.7	0.20
F34	10 Nov 2020	68	11.51	92.43	4.5	33.69	7.8	25.7	0.21
F34	10 Nov 2020	69	11.49	92.21	4.5	33.70	7.8	25.7	0.20
F34	10 Nov 2020	70	11.46	92.30	4.6	33.71	7.8	25.7	0.21
F34	10 Nov 2020	71	11.47	93.04	4.7	33.70	7.8	25.7	0.22
F34	10 Nov 2020	72	11.42	93.67	4.7	33.72	7.8	25.7	0.23
F34	10 Nov 2020	73	11.41	93.86	4.8	33.72	7.8	25.7	0.23

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F34	10 Nov 2020	74	11.40	93.98	4.8	33.72	7.8	25.7	0.23
F34	10 Nov 2020	75	11.39	93.94	4.8	33.73	7.8	25.7	0.23
F34	10 Nov 2020	76	11.39	94.05	4.8	33.73	7.8	25.7	0.22
F34	10 Nov 2020	77	11.38	94.09	4.8	33.73	7.8	25.7	0.23
F34	10 Nov 2020	78	11.37	94.12	4.7	33.74	7.8	25.7	0.23
F34	10 Nov 2020	79	11.36	94.10	4.7	33.74	7.8	25.7	0.23
F34	10 Nov 2020	80	11.35	94.09	4.7	33.74	7.8	25.7	0.22
F34	10 Nov 2020	81	11.35	94.10	4.7	33.74	7.8	25.7	0.22
F34	10 Nov 2020	82	11.33	94.09	4.6	33.75	7.8	25.7	0.24
F34	10 Nov 2020	83	11.32	94.08	4.6	33.75	7.8	25.7	0.23
F34	10 Nov 2020	84	11.32	94.06	4.6	33.75	7.8	25.7	0.23
F34	10 Nov 2020	85	11.31	94.06	4.6	33.75	7.8	25.8	0.23
F34	10 Nov 2020	86	11.29	94.02	4.6	33.76	7.8	25.8	0.23
F34	10 Nov 2020	87	11.28	94.05	4.6	33.76	7.8	25.8	0.21
F34	10 Nov 2020	88	11.27	94.08	4.5	33.76	7.8	25.8	0.22
F34	10 Nov 2020	89	11.26	94.10	4.5	33.76	7.8	25.8	0.23
F34	10 Nov 2020	90	11.26	94.09	4.5	33.76	7.8	25.8	0.22
F34	10 Nov 2020	91	11.25	94.01	4.5	33.76	7.8	25.8	0.22
F34	10 Nov 2020	92	11.23	93.93	4.5	33.77	7.8	25.8	0.21
F34	10 Nov 2020	93	11.21	93.86	4.5	33.77	7.8	25.8	0.23
F34	10 Nov 2020	94	11.20	93.75	4.4	33.77	7.8	25.8	0.23
F34	10 Nov 2020	95	11.19	93.69	4.4	33.78	7.8	25.8	0.22
F34	10 Nov 2020	96	11.20	93.62	4.4	33.77	7.8	25.8	0.22
F34	10 Nov 2020	97	11.17	93.57	4.4	33.78	7.8	25.8	0.21
F34	10 Nov 2020	98	11.12	93.49	4.3	33.79	7.8	25.8	0.20
F34	10 Nov 2020	99	11.04	93.22	4.2	33.81	7.8	25.8	0.21
F34	10 Nov 2020	100	11.01	92.87	4.2	33.81	7.8	25.9	0.21
F34	10 Nov 2020	101	11.03	92.59	4.2	33.81	7.8	25.8	0.20
F34	10 Nov 2020	102	11.03	85.28	4.2	33.81	7.8	25.8	0.20
F35	10 Nov 2020	1	17.42	89.70	7.3	33.61	8.1	24.3	0.54
F35	10 Nov 2020	2	17.41	88.13	7.3	33.61	8.1	24.4	0.53
F35	10 Nov 2020	3	17.39	89.50	7.3	33.61	8.1	24.4	0.56
F35	10 Nov 2020	4	17.38	89.56	7.3	33.61	8.1	24.4	0.60
F35	10 Nov 2020	5	17.37	89.61	7.3	33.61	8.1	24.4	0.66
F35	10 Nov 2020	6	17.35	89.66	7.3	33.61	8.1	24.4	0.68
F35	10 Nov 2020	7	17.30	89.69	7.2	33.60	8.1	24.4	0.75
F35	10 Nov 2020	8	17.10	89.68	7.2	33.59	8.1	24.4	0.85
F35	10 Nov 2020	9	16.65	89.69	7.2	33.58	8.1	24.5	0.98
F35	10 Nov 2020	10	16.23	89.88	7.0	33.55	8.1	24.6	1.13
F35	10 Nov 2020	11	16.09	89.87	6.8	33.54	8.1	24.6	1.22
F35	10 Nov 2020	12	15.95	89.75	6.6	33.53	8.1	24.6	1.35
F35	10 Nov 2020	13	15.64	89.57	6.4	33.54	8.0	24.7	1.49
F35	10 Nov 2020	14	15.15	89.41	6.3	33.52	8.0	24.8	1.55
F35	10 Nov 2020	15	14.81	89.58	6.2	33.50	8.0	24.9	1.58
F35	10 Nov 2020	16	14.69	89.53	6.1	33.48	8.0	24.9	1.51
F35	10 Nov 2020	17	14.65	89.69	6.0	33.48	8.0	24.9	1.52
F35	10 Nov 2020	18	14.56	89.77	5.9	33.48	8.0	24.9	1.42
F35	10 Nov 2020	19	14.24	90.03	5.9	33.49	8.0	25.0	1.32
F35	10 Nov 2020	20	14.18	90.34	5.8	33.48	7.9	25.0	1.30
F35	10 Nov 2020	21	14.09	90.58	5.8	33.48	7.9	25.0	1.13
F35	10 Nov 2020	22	13.92	90.84	5.7	33.49	7.9	25.0	1.04
F35	10 Nov 2020	23	13.81	91.19	5.7	33.49	7.9	25.1	0.95
F35	10 Nov 2020	24	13.73	91.42	5.8	33.49	7.9	25.1	0.88
F35	10 Nov 2020	25	13.71	91.65	5.8	33.49	7.9	25.1	0.82
F35	10 Nov 2020	26	13.65	91.71	5.7	33.50	7.9	25.1	0.81
F35	10 Nov 2020	27	13.60	91.82	5.7	33.50	7.9	25.1	0.74
F35	10 Nov 2020	28	13.58	91.87	5.8	33.50	7.9	25.1	0.74
F35	10 Nov 2020	29	13.56	91.91	5.8	33.50	7.9	25.1	0.68
F35	10 Nov 2020	30	13.48	91.89	5.7	33.51	7.9	25.1	0.66
F35	10 Nov 2020	31	13.44	92.10	5.7	33.51	7.9	25.2	0.62

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F35	10 Nov 2020	32	13.40	92.29	5.6	33.52	7.9	25.2	0.57
F35	10 Nov 2020	33	13.38	92.33	5.6	33.52	7.9	25.2	0.54
F35	10 Nov 2020	34	13.32	92.32	5.6	33.52	7.9	25.2	0.54
F35	10 Nov 2020	35	13.25	92.34	5.6	33.53	7.9	25.2	0.52
F35	10 Nov 2020	36	13.17	92.22	5.6	33.53	7.9	25.2	0.51
F35	10 Nov 2020	37	13.15	92.11	5.6	33.53	7.9	25.2	0.48
F35	10 Nov 2020	38	13.14	92.45	5.7	33.53	7.9	25.2	0.49
F35	10 Nov 2020	39	13.11	92.52	5.6	33.54	7.9	25.2	0.45
F35	10 Nov 2020	40	13.08	92.53	5.6	33.54	7.9	25.2	0.46
F35	10 Nov 2020	41	13.06	92.59	5.5	33.54	7.9	25.3	0.48
F35	10 Nov 2020	42	12.95	92.62	5.5	33.55	7.9	25.3	0.41
F35	10 Nov 2020	43	12.75	92.67	5.6	33.57	7.9	25.3	0.41
F35	10 Nov 2020	44	12.69	92.84	5.6	33.56	7.9	25.3	0.40
F35	10 Nov 2020	45	12.65	93.15	5.7	33.56	7.9	25.3	0.42
F35	10 Nov 2020	46	12.62	93.30	5.7	33.55	7.9	25.3	0.43
F35	10 Nov 2020	47	12.51	93.40	5.7	33.56	7.9	25.4	0.42
F35	10 Nov 2020	48	12.40	93.57	5.7	33.57	7.9	25.4	0.41
F35	10 Nov 2020	49	12.35	93.63	5.6	33.58	7.9	25.4	0.38
F35	10 Nov 2020	50	12.32	93.62	5.6	33.58	7.9	25.4	0.37
F35	10 Nov 2020	51	12.28	93.63	5.5	33.59	7.9	25.4	0.34
F35	10 Nov 2020	52	12.20	93.69	5.5	33.59	7.9	25.5	0.34
F35	10 Nov 2020	53	12.16	93.84	5.5	33.58	7.9	25.5	0.36
F35	10 Nov 2020	54	12.16	93.93	5.5	33.61	7.9	25.5	0.35
F35	10 Nov 2020	55	12.14	93.81	5.5	33.63	7.9	25.5	0.35
F35	10 Nov 2020	56	12.10	93.70	5.3	33.64	7.9	25.5	0.33
F35	10 Nov 2020	57	12.07	93.59	5.3	33.65	7.9	25.5	0.31
F35	10 Nov 2020	58	12.06	93.52	5.2	33.65	7.9	25.5	0.31
F35	10 Nov 2020	59	12.03	93.48	5.2	33.66	7.9	25.5	0.30
F35	10 Nov 2020	60	11.97	93.52	5.2	33.66	7.9	25.6	0.30
F35	10 Nov 2020	61	11.95	93.67	5.2	33.66	7.9	25.6	0.29
F35	10 Nov 2020	62	11.87	93.86	5.2	33.66	7.9	25.6	0.30
F35	10 Nov 2020	63	11.83	93.92	5.2	33.66	7.9	25.6	0.30
F35	10 Nov 2020	64	11.80	93.96	5.2	33.67	7.9	25.6	0.28
F35	10 Nov 2020	65	11.77	93.96	5.2	33.67	7.9	25.6	0.28
F35	10 Nov 2020	66	11.73	93.97	5.2	33.68	7.9	25.6	0.28
F35	10 Nov 2020	67	11.66	93.99	5.2	33.68	7.9	25.6	0.27
F35	10 Nov 2020	68	11.59	93.97	5.1	33.69	7.9	25.6	0.27
F35	10 Nov 2020	69	11.51	94.08	5.1	33.70	7.9	25.7	0.27
F35	10 Nov 2020	70	11.46	94.15	5.0	33.71	7.8	25.7	0.26
F35	10 Nov 2020	71	11.46	94.18	5.0	33.71	7.8	25.7	0.25
F35	10 Nov 2020	72	11.45	94.16	4.9	33.71	7.8	25.7	0.24
F35	10 Nov 2020	73	11.45	94.14	4.9	33.71	7.8	25.7	0.24
F35	10 Nov 2020	74	11.41	94.12	4.9	33.72	7.8	25.7	0.24
F35	10 Nov 2020	75	11.40	94.11	4.8	33.72	7.8	25.7	0.22
F35	10 Nov 2020	76	11.38	94.13	4.8	33.73	7.8	25.7	0.23
F35	10 Nov 2020	77	11.37	94.07	4.8	33.73	7.8	25.7	0.22
F35	10 Nov 2020	78	11.35	94.08	4.8	33.74	7.8	25.7	0.22
F35	10 Nov 2020	79	11.32	94.08	4.7	33.74	7.8	25.7	0.22
F35	10 Nov 2020	80	11.28	94.09	4.7	33.74	7.8	25.7	0.22
F35	10 Nov 2020	81	11.26	94.08	4.6	33.75	7.8	25.8	0.22
F35	10 Nov 2020	82	11.26	94.10	4.6	33.74	7.8	25.8	0.21
F35	10 Nov 2020	83	11.25	94.09	4.6	33.75	7.8	25.8	0.21
F35	10 Nov 2020	84	11.24	94.07	4.6	33.75	7.8	25.8	0.21
F35	10 Nov 2020	85	11.22	94.03	4.6	33.75	7.8	25.8	0.21
F35	10 Nov 2020	86	11.21	94.11	4.5	33.76	7.8	25.8	0.20
F35	10 Nov 2020	87	11.17	94.09	4.5	33.77	7.8	25.8	0.20
F35	10 Nov 2020	88	11.16	94.07	4.5	33.77	7.8	25.8	0.20
F35	10 Nov 2020	89	11.14	94.07	4.4	33.77	7.8	25.8	0.20
F35	10 Nov 2020	90	11.12	94.02	4.4	33.77	7.8	25.8	0.19
F35	10 Nov 2020	91	11.10	93.97	4.4	33.78	7.8	25.8	0.19
F35	10 Nov 2020	92	11.08	93.91	4.3	33.78	7.8	25.8	0.18

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F35	10 Nov 2020	93	11.08	93.84	4.3	33.78	7.8	25.8	0.19
F35	10 Nov 2020	94	11.08	93.80	4.3	33.78	7.8	25.8	0.19
F35	10 Nov 2020	95	11.08	93.78	4.3	33.78	7.8	25.8	0.19
F35	10 Nov 2020	96	11.06	93.78	4.3	33.79	7.8	25.8	0.19
F35	10 Nov 2020	97	11.02	93.66	4.2	33.80	7.8	25.8	0.18
F35	10 Nov 2020	98	10.98	93.31	4.2	33.81	7.8	25.9	0.19
F35	10 Nov 2020	99	10.91	92.86	4.1	33.82	7.8	25.9	0.18
F35	10 Nov 2020	100	10.90	92.62	4.1	33.82	7.8	25.9	0.18
F35	10 Nov 2020	101	10.91	92.42	4.1	33.82	7.8	25.9	0.18
F36	10 Nov 2020	1	17.21	90.02	7.4	33.59	8.1	24.4	0.51
F36	10 Nov 2020	2	17.21	90.22	7.4	33.59	8.1	24.4	0.52
F36	10 Nov 2020	3	17.20	90.23	7.4	33.59	8.1	24.4	0.57
F36	10 Nov 2020	4	17.20	89.86	7.4	33.59	8.1	24.4	0.58
F36	10 Nov 2020	5	17.20	90.11	7.4	33.59	8.1	24.4	0.61
F36	10 Nov 2020	6	17.20	90.25	7.3	33.59	8.1	24.4	0.66
F36	10 Nov 2020	7	17.19	90.13	7.4	33.59	8.1	24.4	0.70
F36	10 Nov 2020	8	17.18	90.17	7.4	33.59	8.1	24.4	0.74
F36	10 Nov 2020	9	17.17	90.18	7.4	33.59	8.1	24.4	0.82
F36	10 Nov 2020	10	17.15	90.22	7.4	33.59	8.1	24.4	0.85
F36	10 Nov 2020	11	17.11	90.26	7.4	33.59	8.1	24.4	0.90
F36	10 Nov 2020	12	17.08	90.18	7.3	33.58	8.1	24.4	0.95
F36	10 Nov 2020	13	17.03	90.31	7.2	33.58	8.1	24.4	0.98
F36	10 Nov 2020	14	16.60	89.81	7.1	33.59	8.1	24.5	1.11
F36	10 Nov 2020	15	16.05	90.17	7.0	33.55	8.1	24.6	1.28
F36	10 Nov 2020	16	15.93	89.97	6.8	33.54	8.1	24.6	1.37
F36	10 Nov 2020	17	15.90	89.85	6.7	33.53	8.1	24.6	1.41
F36	10 Nov 2020	18	15.88	89.87	6.7	33.53	8.1	24.6	1.46
F36	10 Nov 2020	19	15.78	89.89	6.6	33.53	8.0	24.7	1.56
F36	10 Nov 2020	20	15.47	89.81	6.5	33.52	8.0	24.7	1.68
F36	10 Nov 2020	21	15.01	89.79	6.4	33.51	8.0	24.8	1.72
F36	10 Nov 2020	22	14.37	89.65	6.3	33.50	8.0	24.9	1.60
F36	10 Nov 2020	23	13.98	90.24	6.4	33.47	8.0	25.0	1.58
F36	10 Nov 2020	24	13.86	90.54	6.4	33.46	8.0	25.0	1.58
F36	10 Nov 2020	25	13.76	90.82	6.3	33.46	8.0	25.0	1.56
F36	10 Nov 2020	26	13.60	91.07	6.3	33.47	8.0	25.1	1.44
F36	10 Nov 2020	27	13.52	91.31	6.3	33.47	8.0	25.1	1.29
F36	10 Nov 2020	28	13.48	91.55	6.2	33.47	8.0	25.1	1.20
F36	10 Nov 2020	29	13.44	91.89	6.2	33.47	8.0	25.1	1.14
F36	10 Nov 2020	30	13.42	92.09	6.2	33.47	8.0	25.1	1.09
F36	10 Nov 2020	31	13.34	92.24	6.2	33.48	8.0	25.1	0.97
F36	10 Nov 2020	32	13.31	92.54	6.2	33.49	8.0	25.2	0.85
F36	10 Nov 2020	33	13.30	92.59	6.1	33.50	8.0	25.2	0.80
F36	10 Nov 2020	34	13.28	92.65	6.0	33.50	8.0	25.2	0.78
F36	10 Nov 2020	35	13.22	92.71	6.0	33.52	7.9	25.2	0.67
F36	10 Nov 2020	36	13.12	92.70	5.8	33.53	7.9	25.2	0.56
F36	10 Nov 2020	37	13.02	92.48	5.7	33.54	7.9	25.3	0.52
F36	10 Nov 2020	38	12.98	92.58	5.7	33.54	7.9	25.3	0.50
F36	10 Nov 2020	39	12.92	92.99	5.8	33.54	7.9	25.3	0.51
F36	10 Nov 2020	40	12.85	93.19	5.9	33.54	7.9	25.3	0.50
F36	10 Nov 2020	41	12.83	93.23	5.8	33.54	7.9	25.3	0.51
F36	10 Nov 2020	42	12.82	93.37	5.9	33.54	7.9	25.3	0.52
F36	10 Nov 2020	43	12.82	93.38	5.9	33.54	7.9	25.3	0.51
F36	10 Nov 2020	44	12.77	93.40	5.8	33.55	7.9	25.3	0.49
F36	10 Nov 2020	45	12.73	93.43	5.8	33.55	7.9	25.3	0.49
F36	10 Nov 2020	46	12.65	93.45	5.8	33.55	7.9	25.3	0.48
F36	10 Nov 2020	47	12.53	93.50	5.8	33.56	7.9	25.4	0.47
F36	10 Nov 2020	48	12.37	93.61	5.8	33.57	7.9	25.4	0.44
F36	10 Nov 2020	49	12.33	93.70	5.7	33.57	7.9	25.4	0.41
F36	10 Nov 2020	50	12.32	93.69	5.6	33.58	7.9	25.4	0.38
F36	10 Nov 2020	51	12.30	93.67	5.6	33.58	7.9	25.4	0.37

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F36	10 Nov 2020	52	12.28	93.66	5.5	33.59	7.9	25.4	0.35
F36	10 Nov 2020	53	12.27	93.64	5.5	33.59	7.9	25.4	0.33
F36	10 Nov 2020	54	12.24	93.63	5.5	33.60	7.9	25.5	0.33
F36	10 Nov 2020	55	12.17	93.60	5.5	33.61	7.9	25.5	0.33
F36	10 Nov 2020	56	12.11	93.67	5.5	33.60	7.9	25.5	0.35
F36	10 Nov 2020	57	12.08	93.85	5.6	33.60	7.9	25.5	0.35
F36	10 Nov 2020	58	12.06	93.94	5.5	33.62	7.9	25.5	0.35
F36	10 Nov 2020	59	12.04	93.85	5.4	33.63	7.9	25.5	0.32
F36	10 Nov 2020	60	12.01	93.79	5.3	33.64	7.9	25.5	0.31
F36	10 Nov 2020	61	11.95	93.57	5.2	33.64	7.9	25.5	0.28
F36	10 Nov 2020	62	11.91	93.29	5.1	33.64	7.9	25.6	0.27
F36	10 Nov 2020	63	11.87	93.10	5.1	33.65	7.9	25.6	0.26
F36	10 Nov 2020	64	11.84	93.12	5.0	33.65	7.9	25.6	0.27
F36	10 Nov 2020	65	11.79	93.02	5.0	33.65	7.8	25.6	0.25
F36	10 Nov 2020	66	11.76	92.95	5.0	33.67	7.8	25.6	0.26
F36	10 Nov 2020	67	11.67	93.71	5.1	33.68	7.9	25.6	0.27
F36	10 Nov 2020	68	11.61	93.90	5.1	33.68	7.9	25.6	0.26
F36	10 Nov 2020	69	11.54	93.99	5.0	33.69	7.8	25.7	0.26
F36	10 Nov 2020	70	11.54	93.89	5.0	33.70	7.8	25.7	0.25
F36	10 Nov 2020	71	11.45	93.73	4.9	33.72	7.8	25.7	0.23
F36	10 Nov 2020	72	11.43	93.87	4.9	33.72	7.8	25.7	0.24
F36	10 Nov 2020	73	11.41	93.95	4.8	33.72	7.8	25.7	0.24
F36	10 Nov 2020	74	11.40	94.04	4.8	33.72	7.8	25.7	0.24
F36	10 Nov 2020	75	11.26	94.15	4.9	33.73	7.8	25.7	0.24
F36	10 Nov 2020	76	11.20	94.25	4.8	33.75	7.8	25.8	0.23
F36	10 Nov 2020	77	11.19	94.23	4.6	33.78	7.8	25.8	0.22
F36	10 Nov 2020	78	11.19	94.10	4.5	33.78	7.8	25.8	0.21
F36	10 Nov 2020	79	11.16	94.10	4.5	33.79	7.8	25.8	0.21
F36	10 Nov 2020	80	11.15	94.10	4.4	33.79	7.8	25.8	0.21
F36	10 Nov 2020	81	11.14	94.03	4.4	33.79	7.8	25.8	0.20
F36	10 Nov 2020	82	11.14	94.08	4.4	33.79	7.8	25.8	0.20
F36	10 Nov 2020	83	11.13	94.12	4.4	33.80	7.8	25.8	0.20
F36	10 Nov 2020	84	11.13	94.12	4.4	33.80	7.8	25.8	0.20
F36	10 Nov 2020	85	11.12	94.11	4.3	33.80	7.8	25.8	0.20
F36	10 Nov 2020	86	11.09	94.10	4.3	33.81	7.8	25.8	0.20
F36	10 Nov 2020	87	11.06	94.09	4.3	33.81	7.8	25.8	0.20
F36	10 Nov 2020	88	11.02	94.08	4.3	33.81	7.8	25.8	0.19
F36	10 Nov 2020	89	10.99	94.04	4.2	33.81	7.8	25.9	0.19
F36	10 Nov 2020	90	10.96	94.06	4.2	33.81	7.8	25.9	0.19
F36	10 Nov 2020	91	10.95	94.07	4.2	33.81	7.8	25.9	0.19
F36	10 Nov 2020	92	10.93	94.03	4.2	33.82	7.8	25.9	0.19
F36	10 Nov 2020	93	10.92	93.97	4.1	33.82	7.8	25.9	0.19
F36	10 Nov 2020	94	10.91	93.93	4.1	33.83	7.8	25.9	0.19
F36	10 Nov 2020	95	10.90	93.85	4.1	33.83	7.8	25.9	0.19
F36	10 Nov 2020	96	10.90	93.83	4.1	33.83	7.8	25.9	0.20
F36	10 Nov 2020	97	10.88	93.83	4.1	33.83	7.8	25.9	0.19
F36	10 Nov 2020	98	10.87	93.76	4.1	33.83	7.8	25.9	0.19
F36	10 Nov 2020	99	10.87	93.72	4.1	33.83	7.8	25.9	0.18
F36	10 Nov 2020	100	10.87	92.75	4.1	33.83	7.8	25.9	0.19
F36	10 Nov 2020	101	10.87	87.28	4.0	33.83	7.8	25.9	0.19

NA = not available

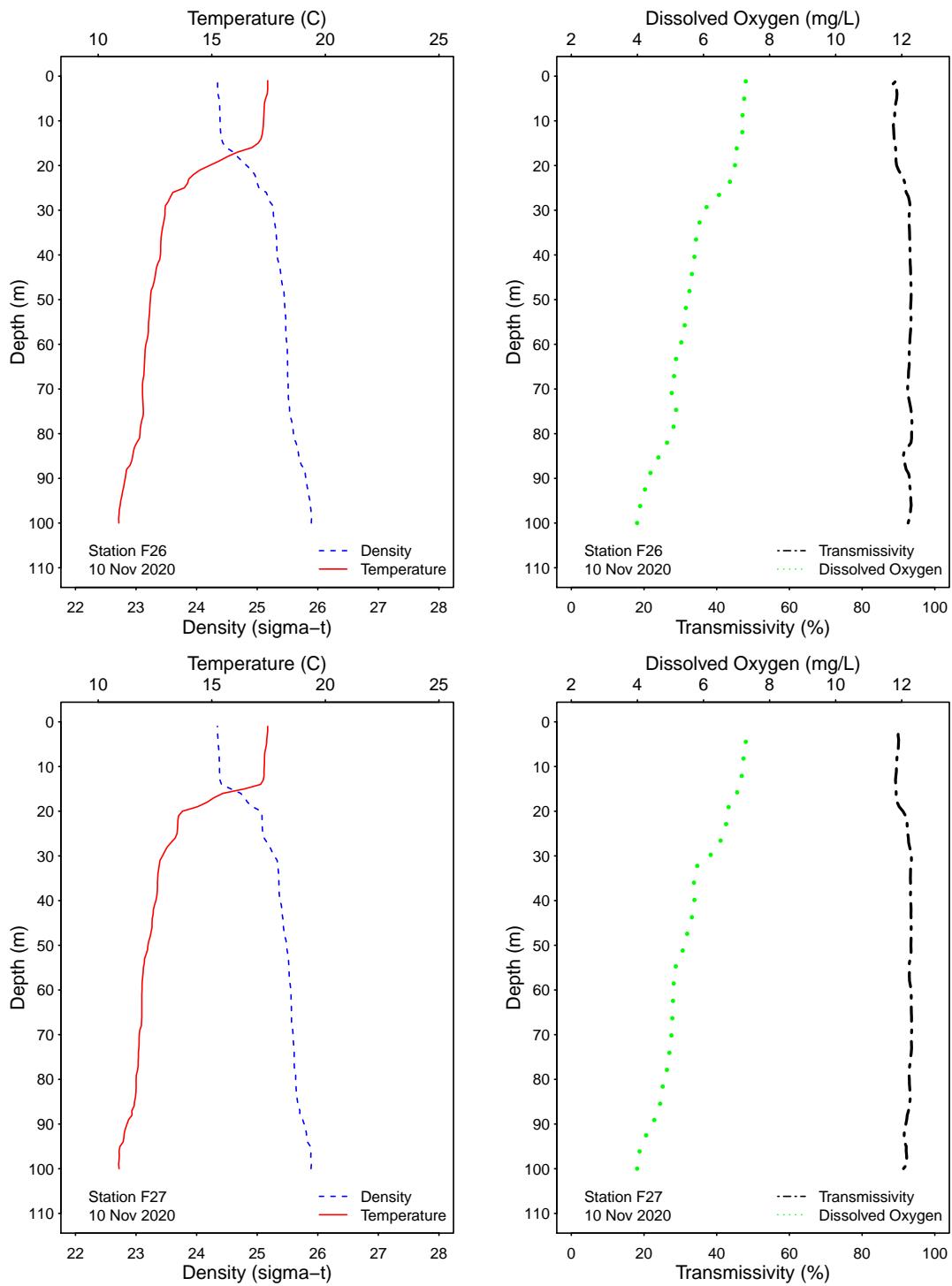


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

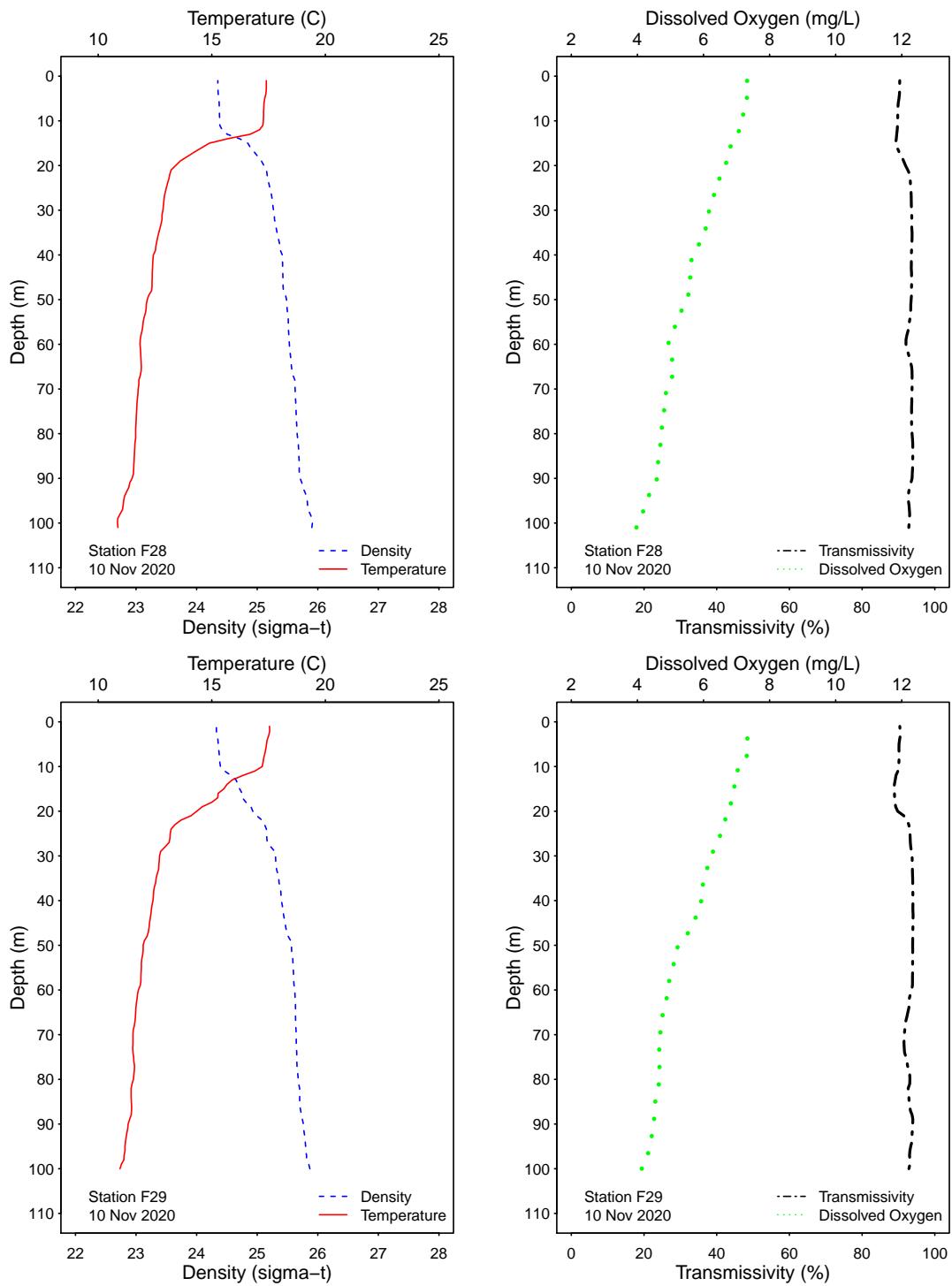


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

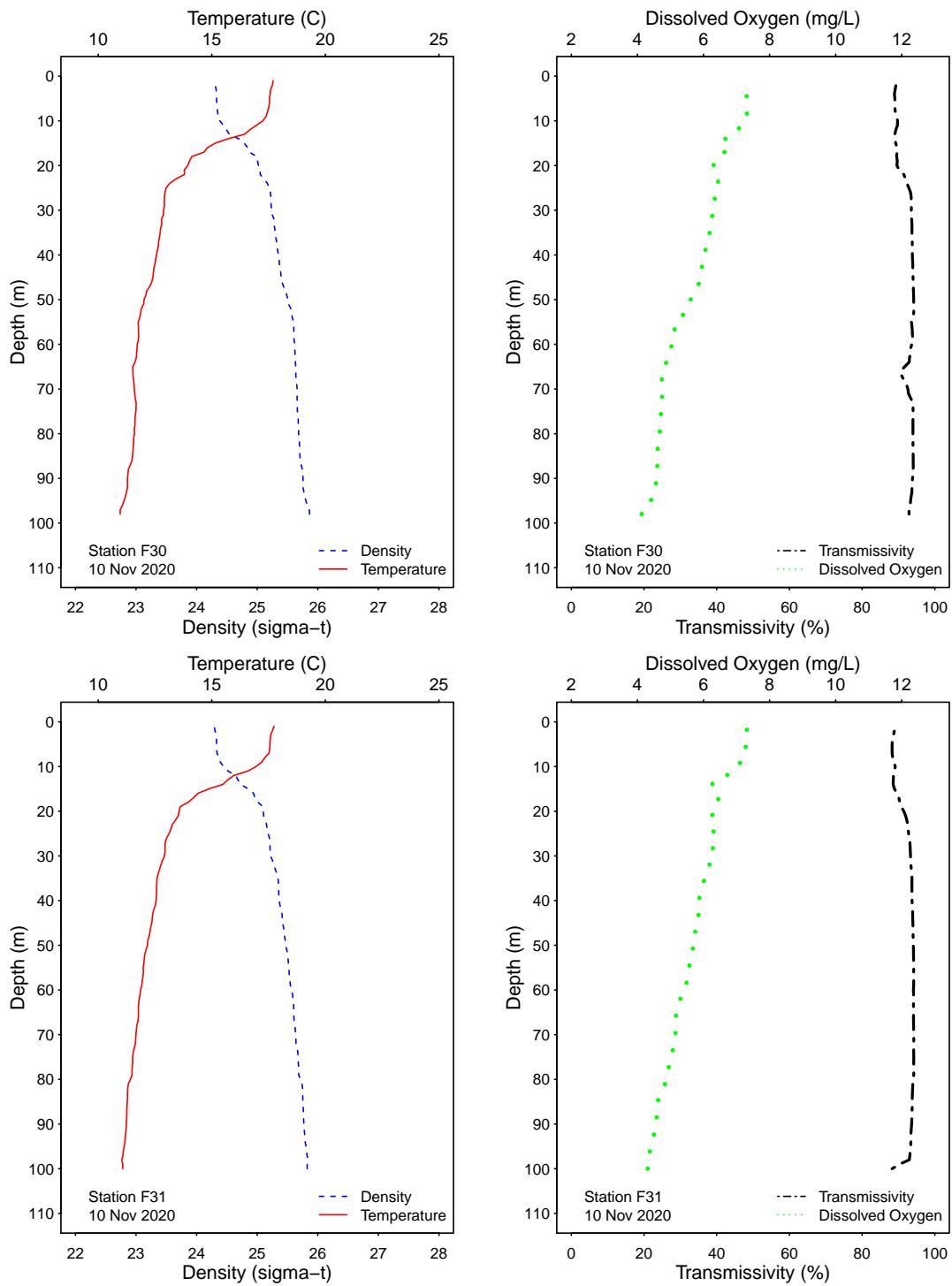


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

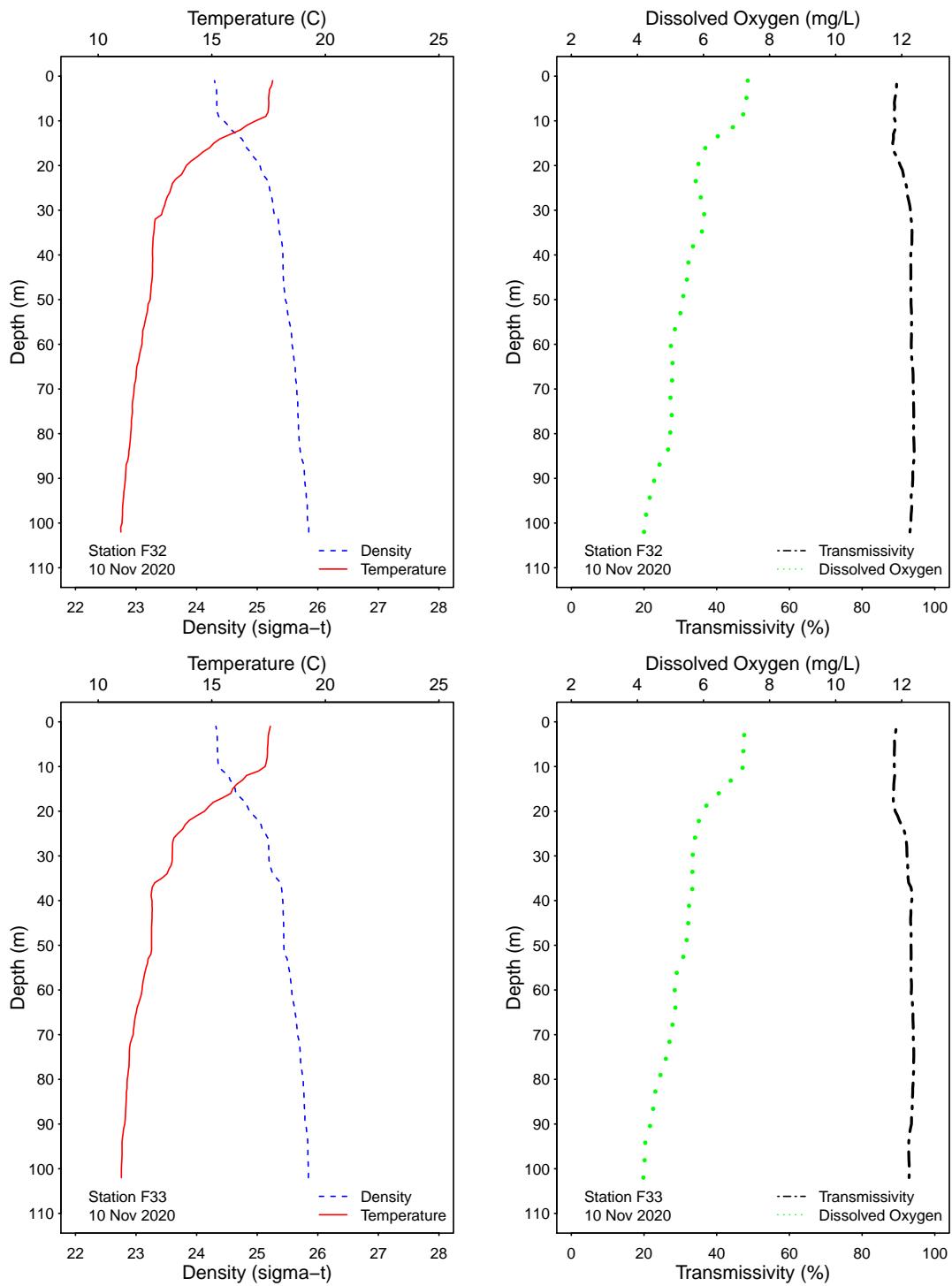


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

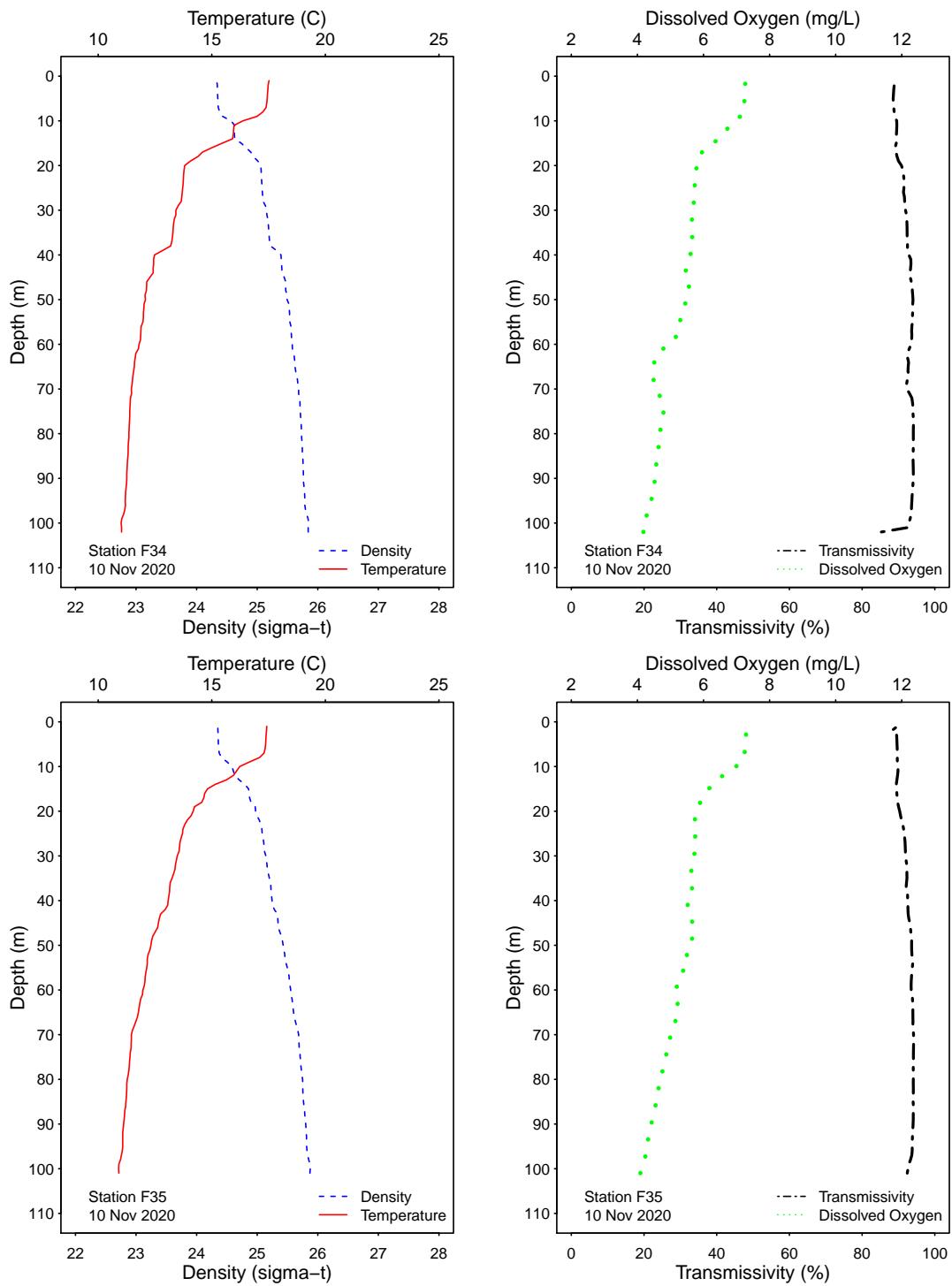


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

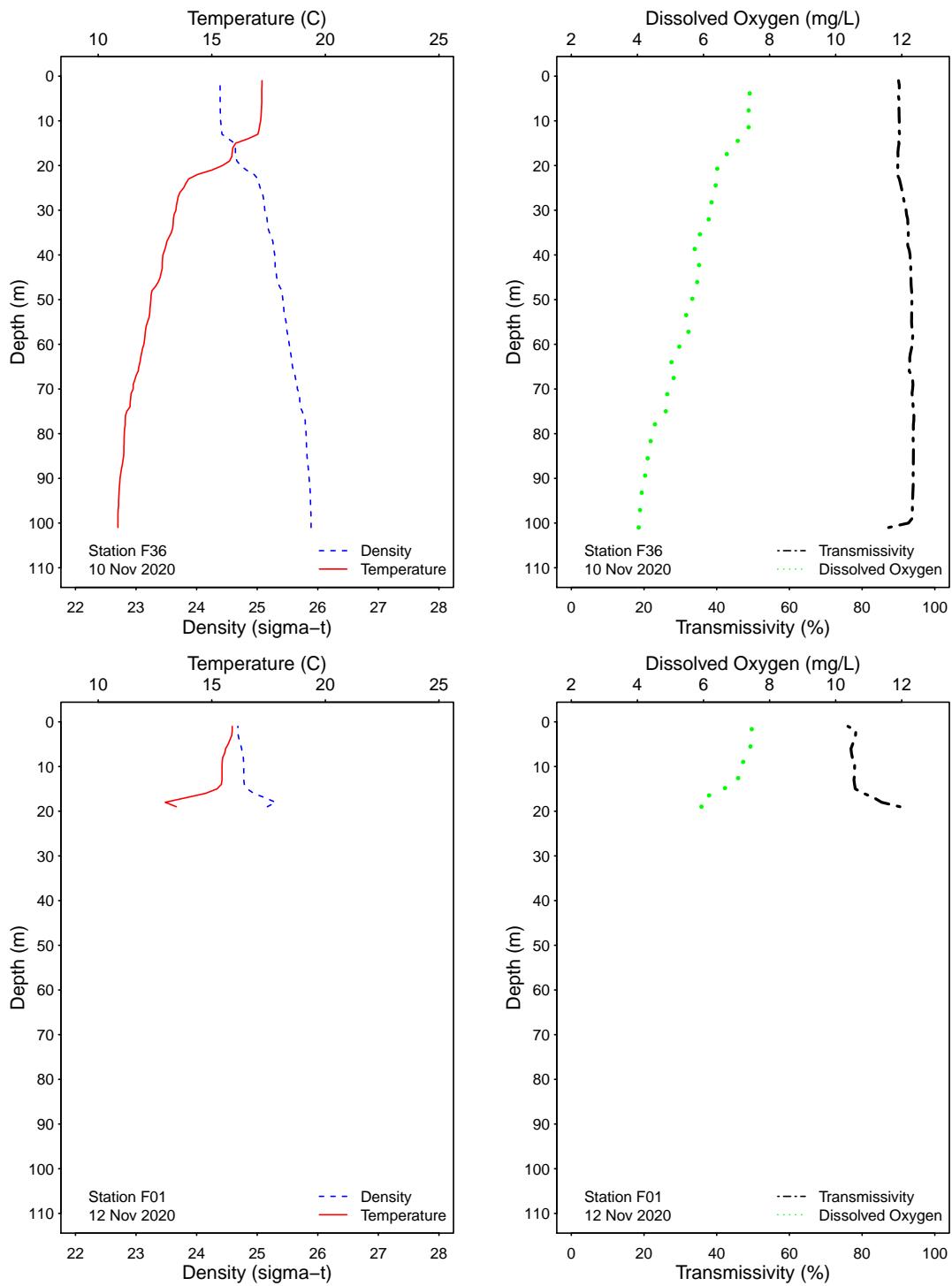


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

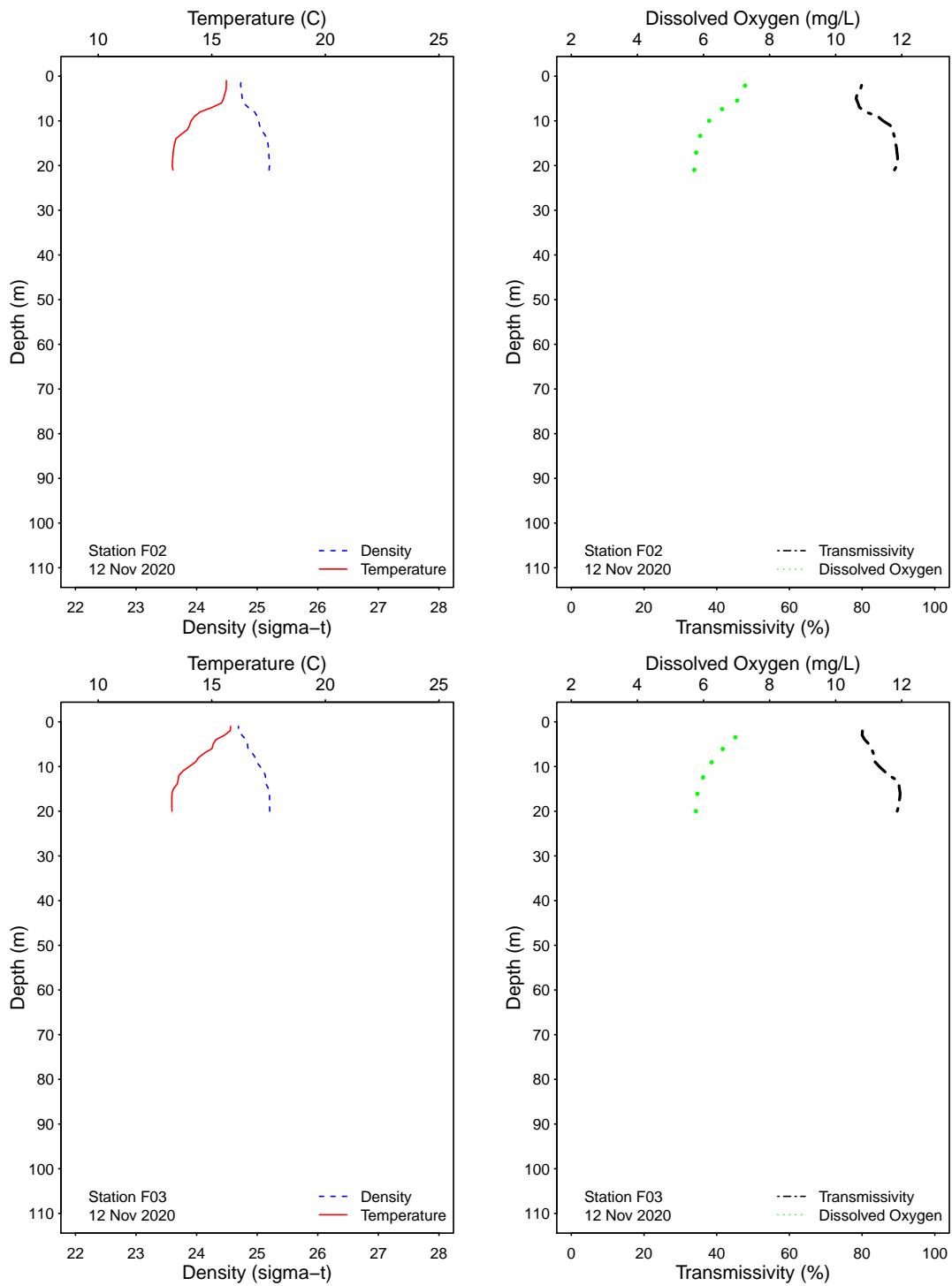


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

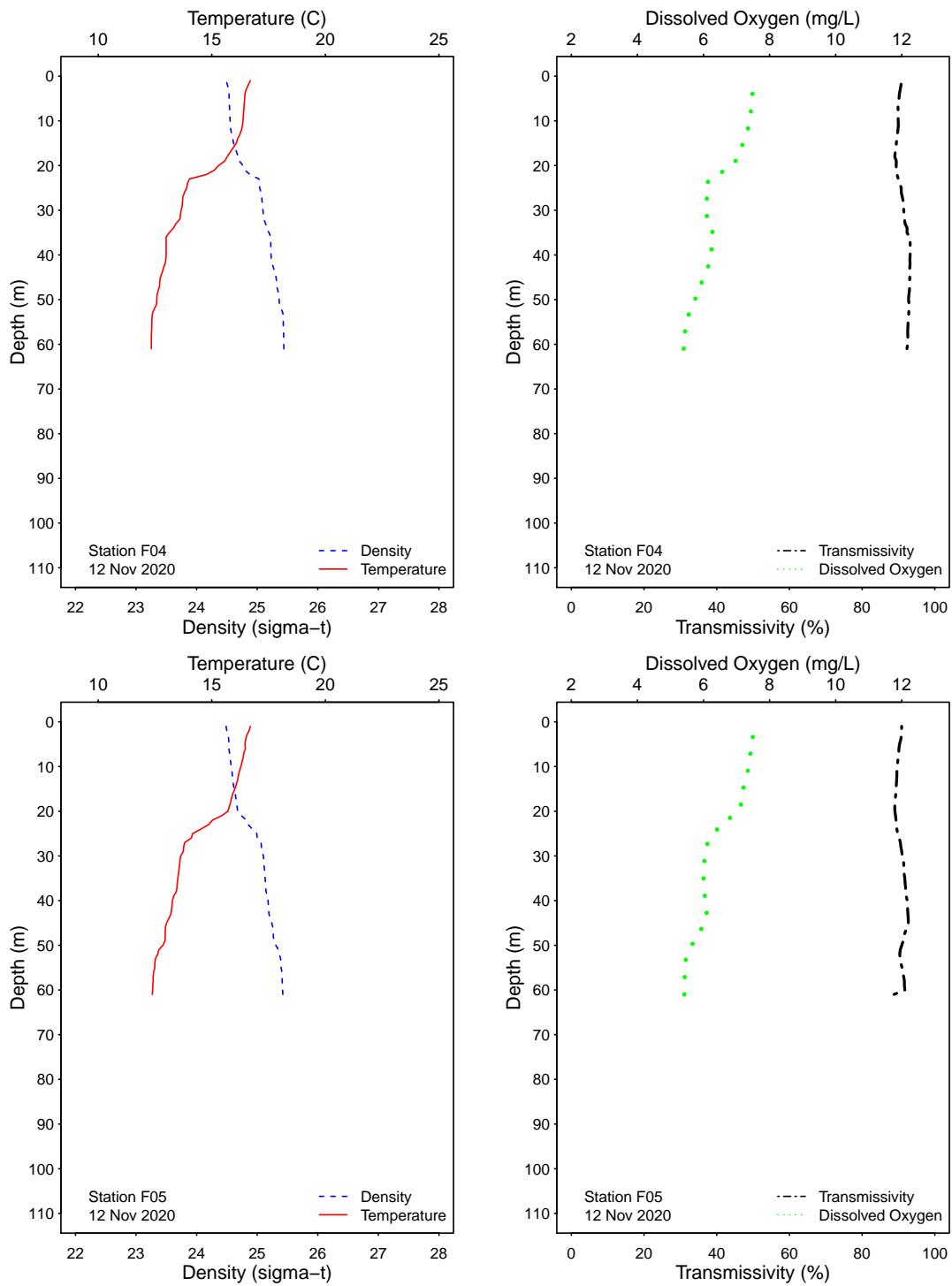


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

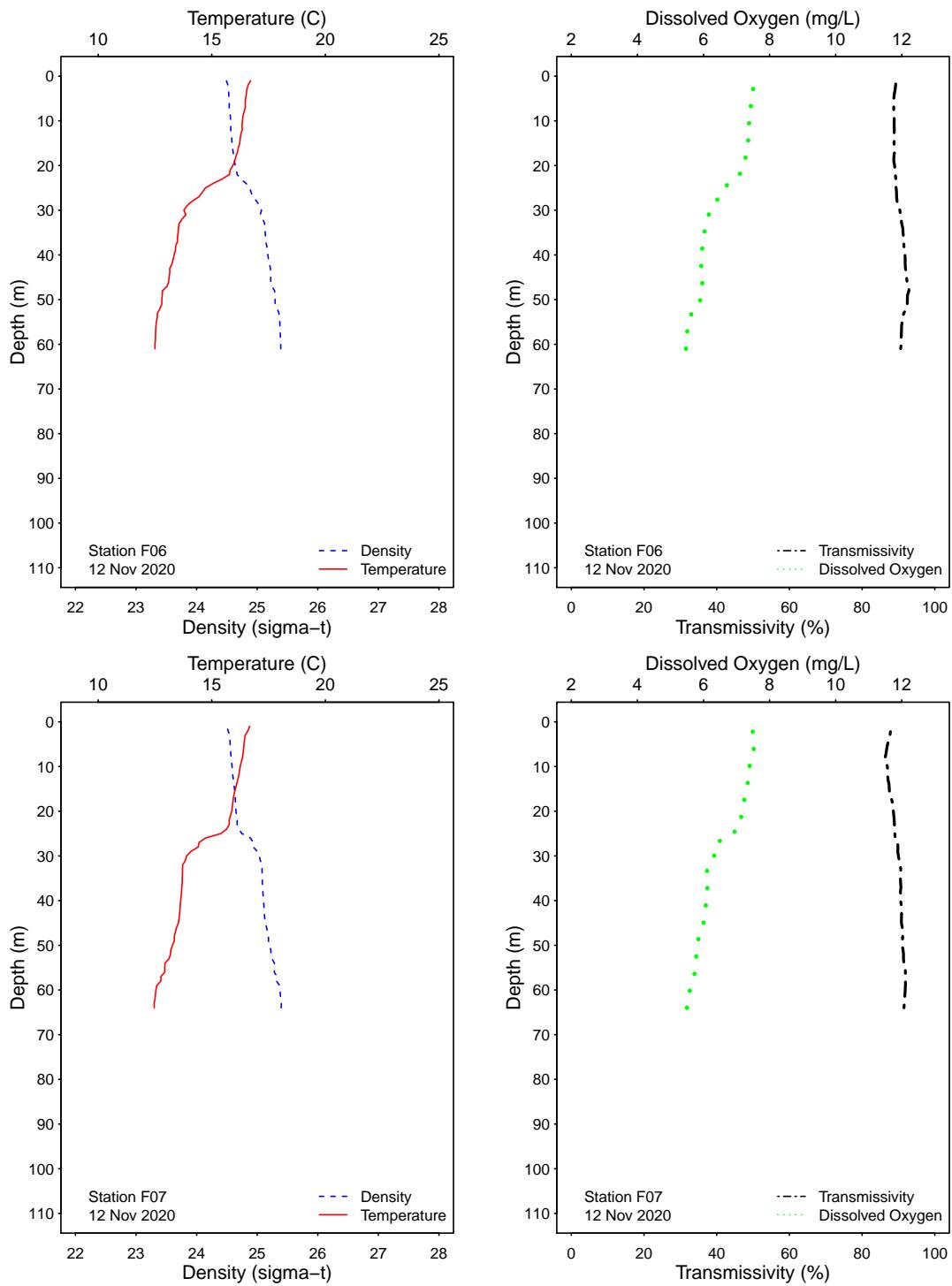


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

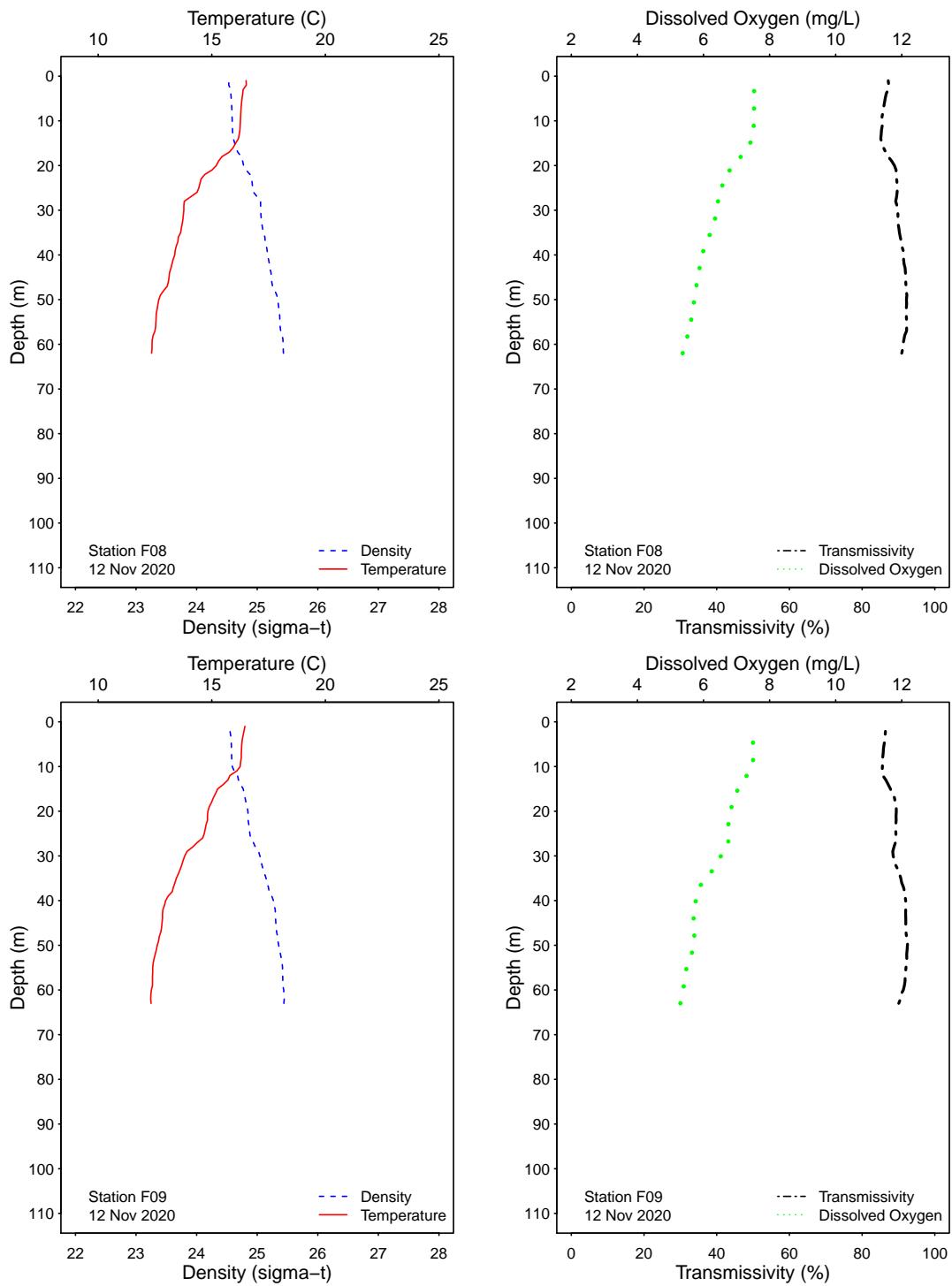


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

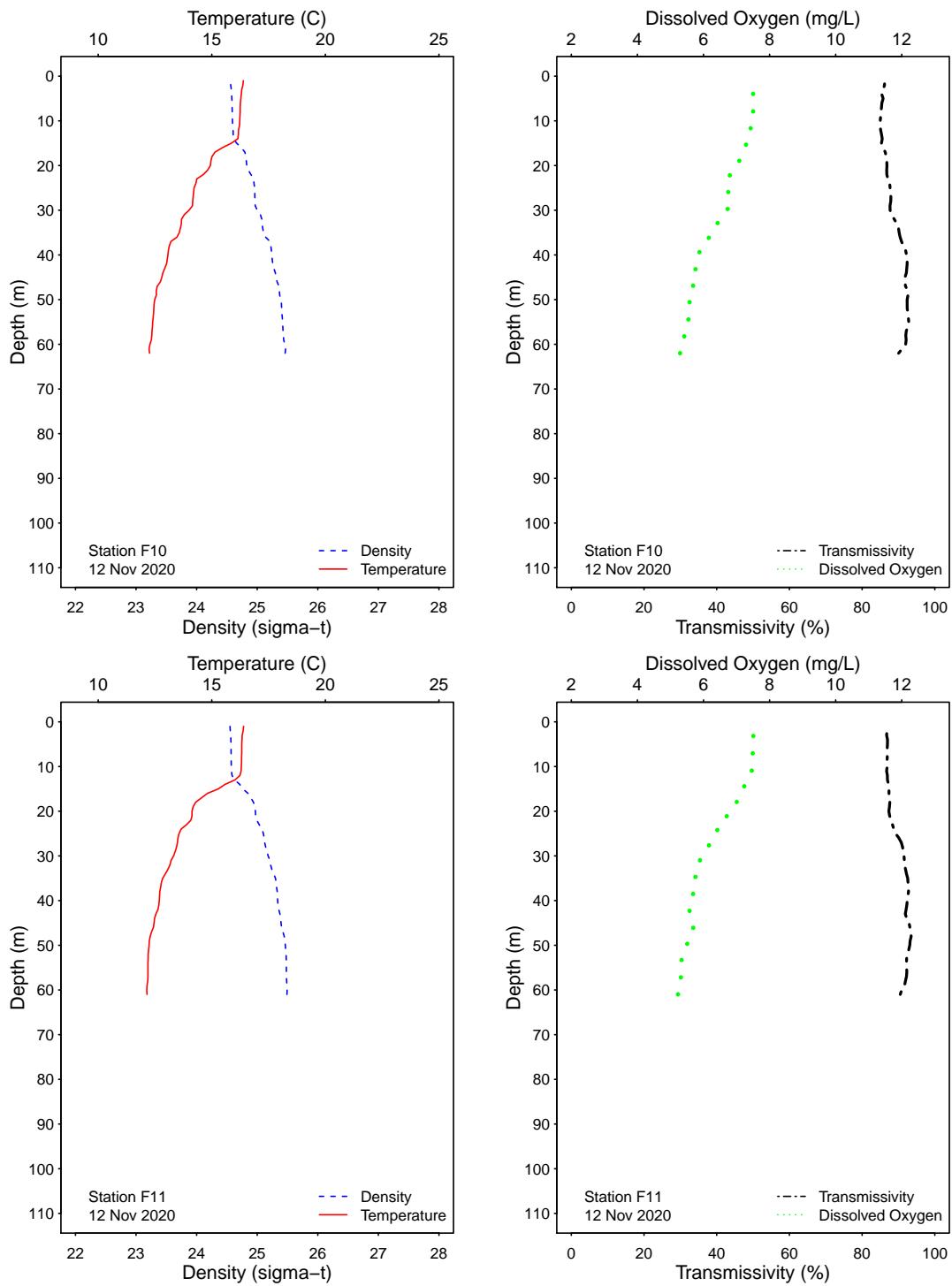


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

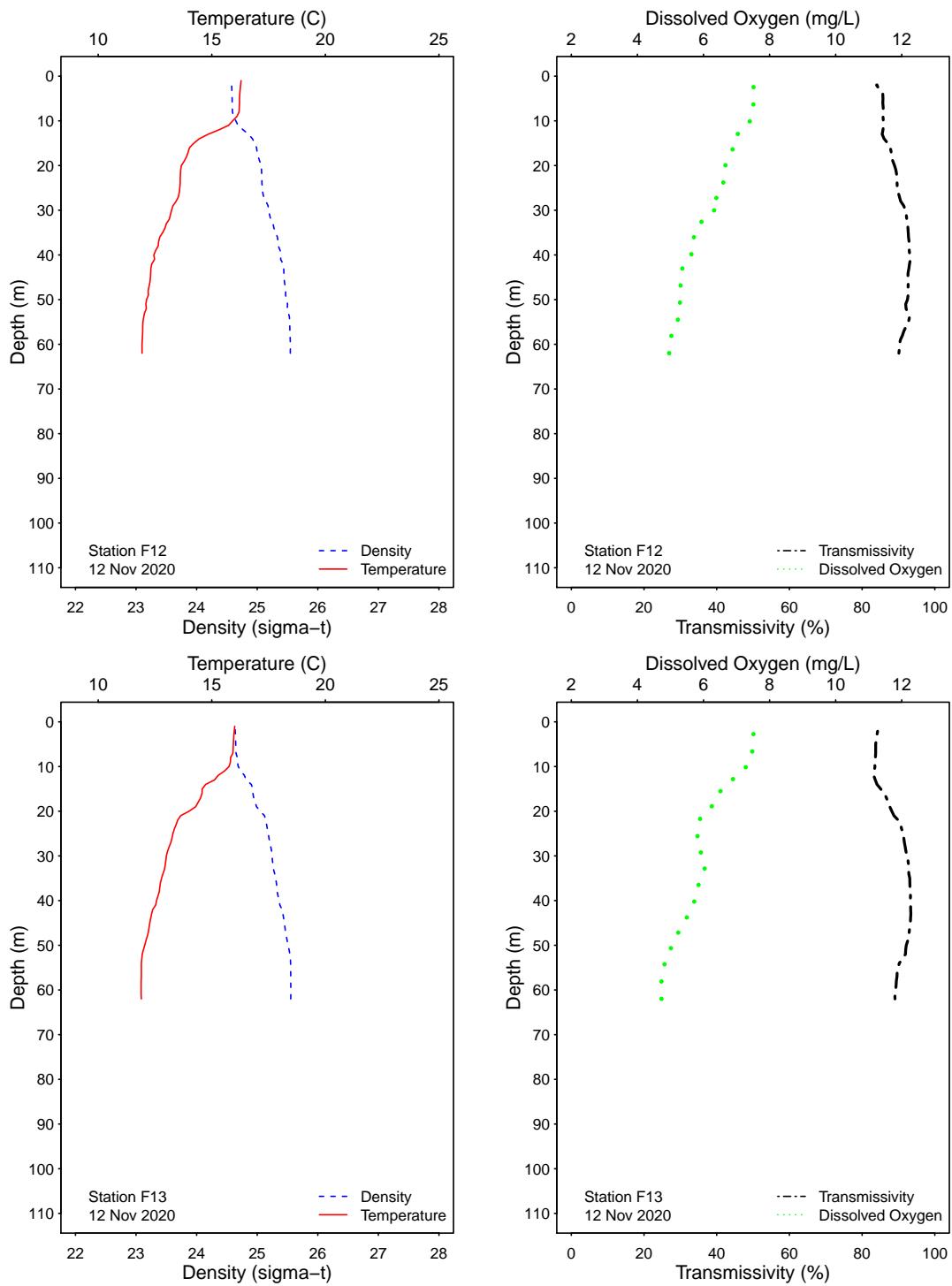


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

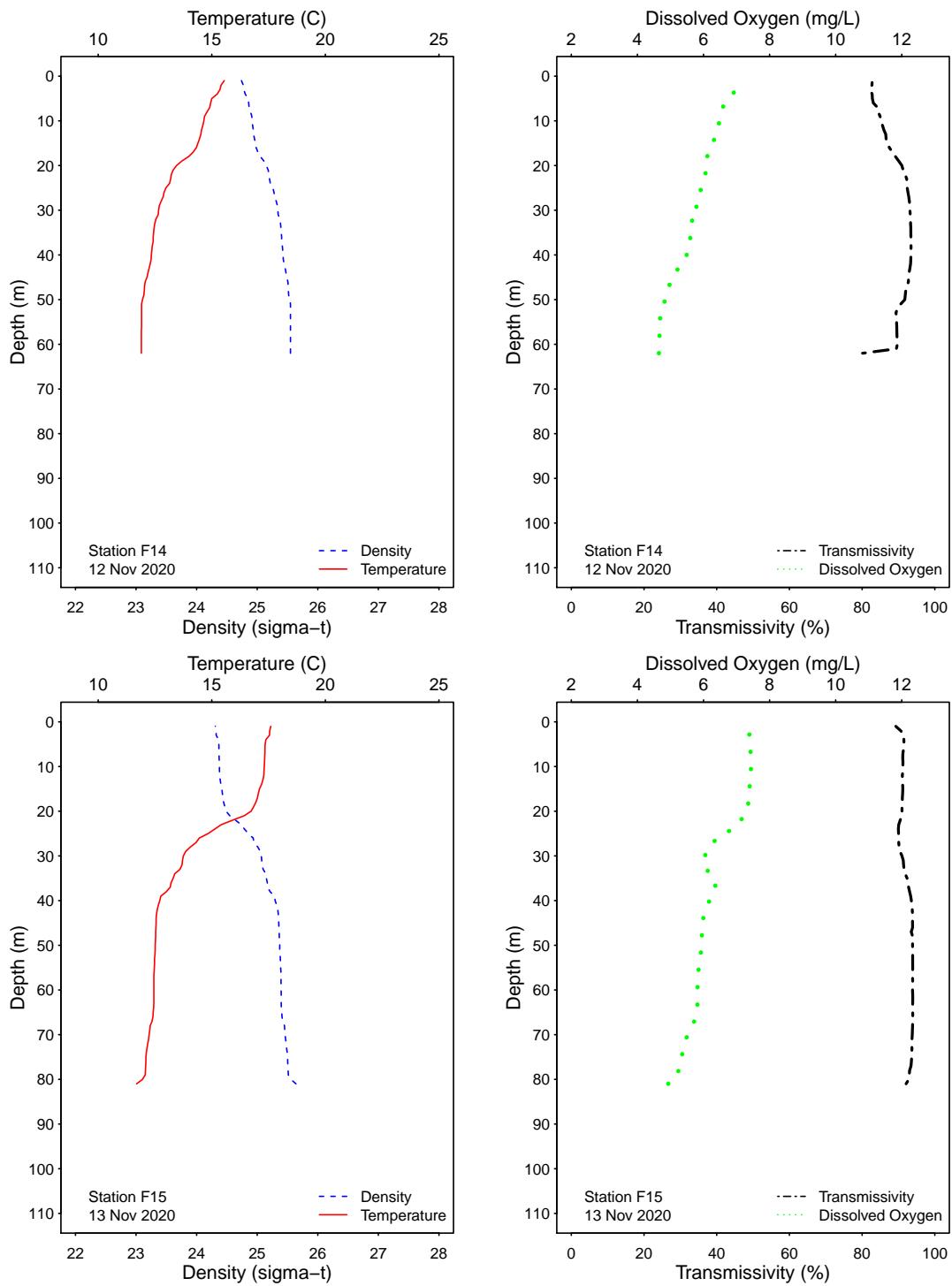


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

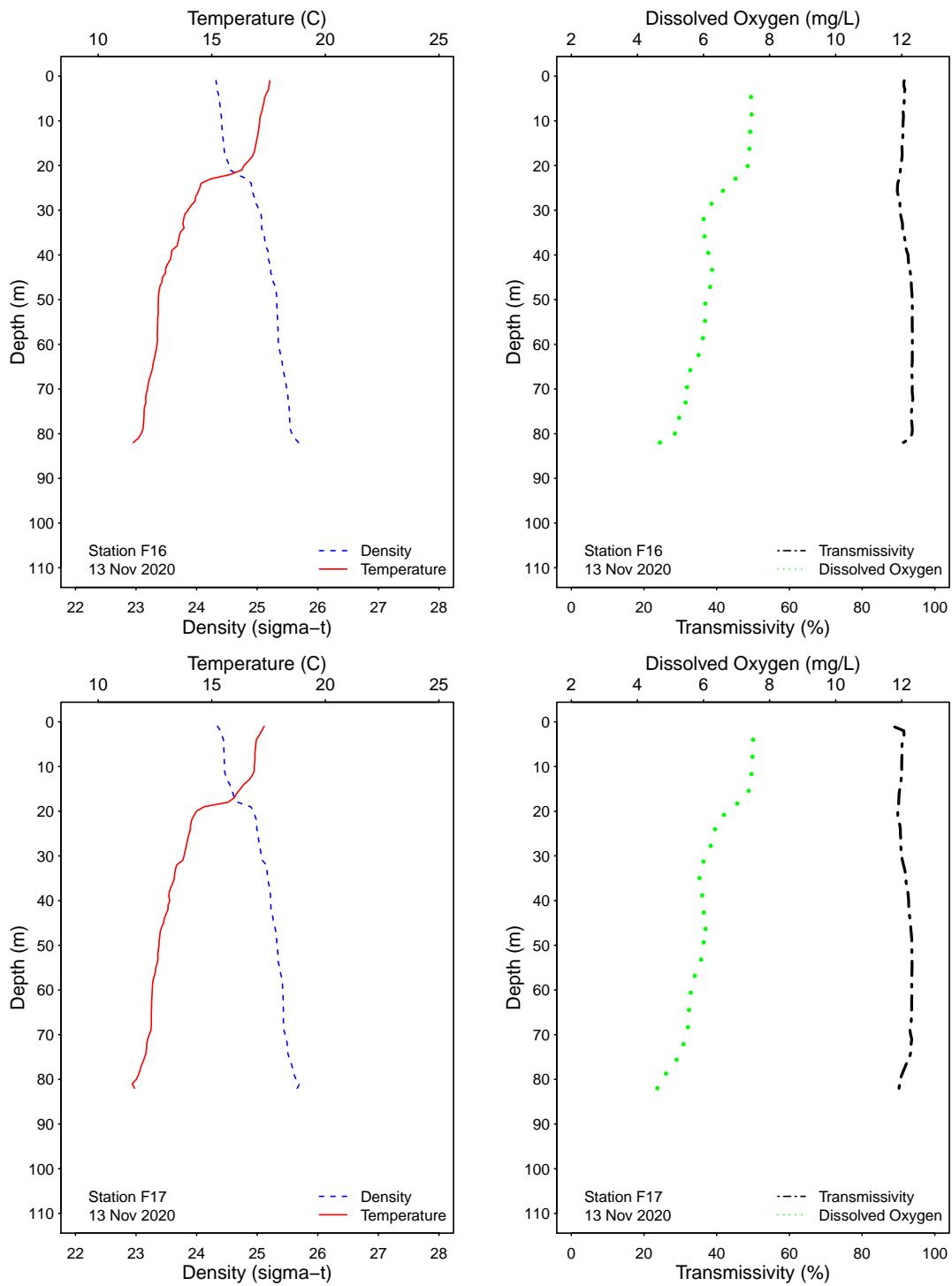


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

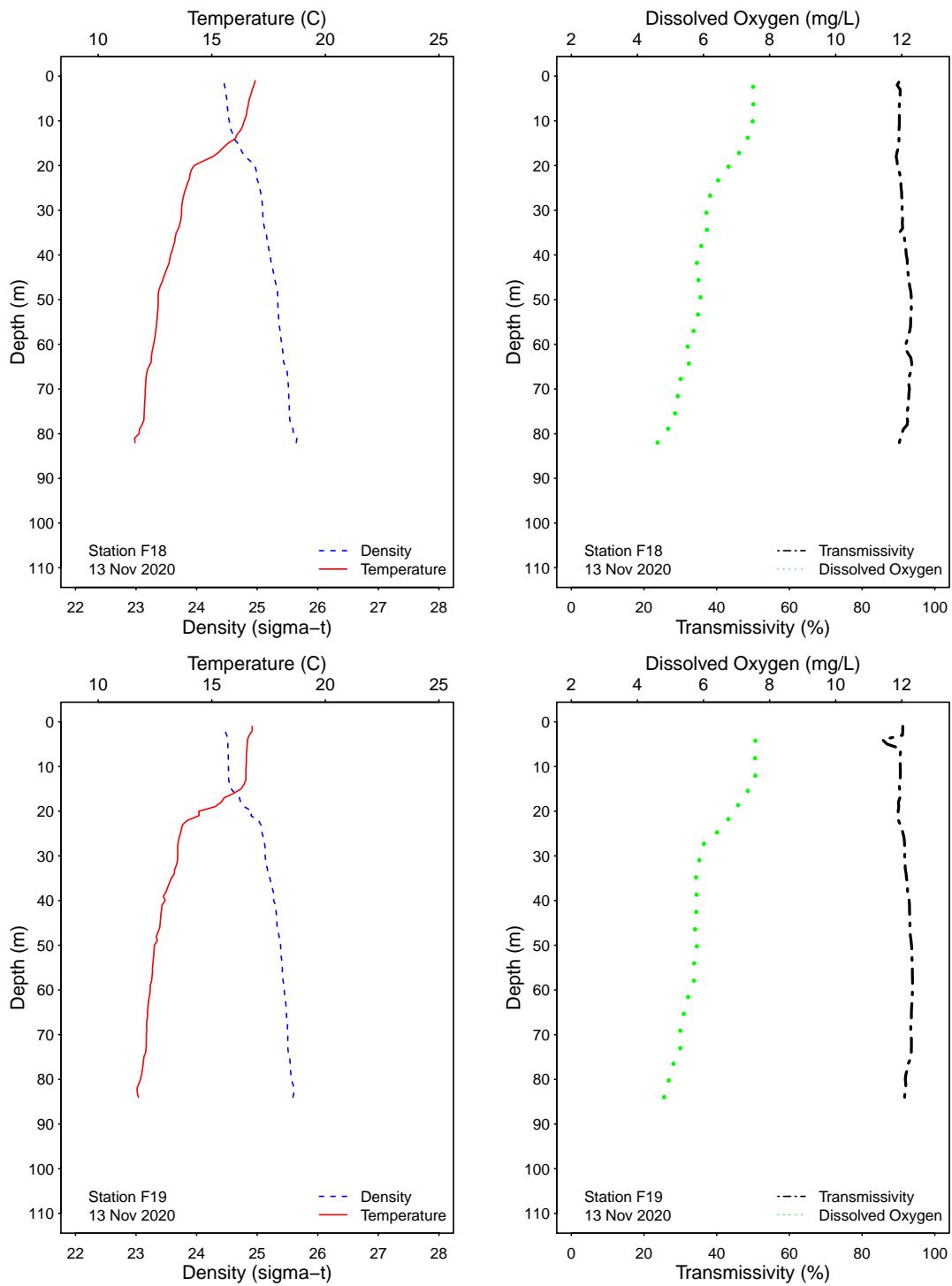


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

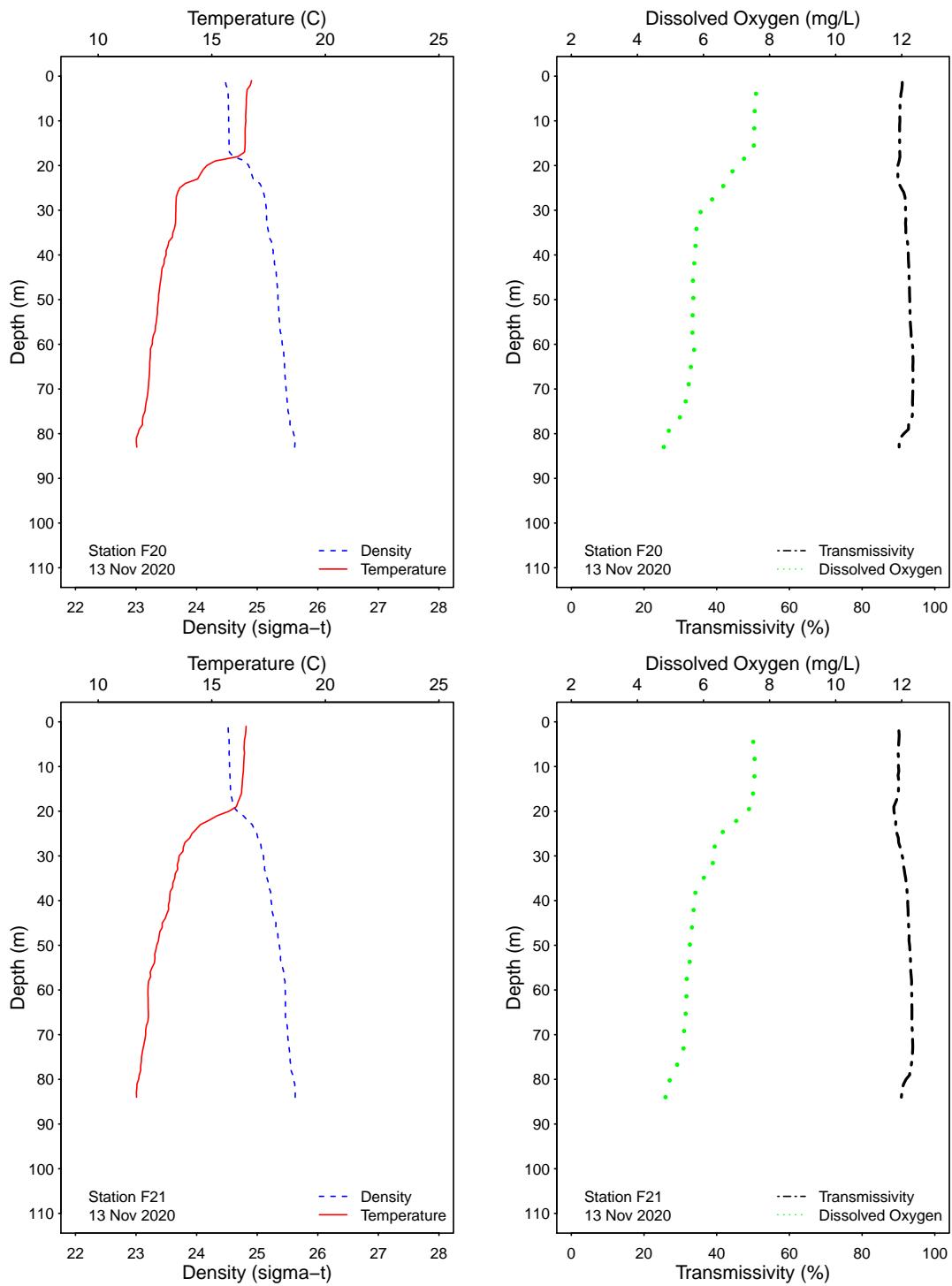


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

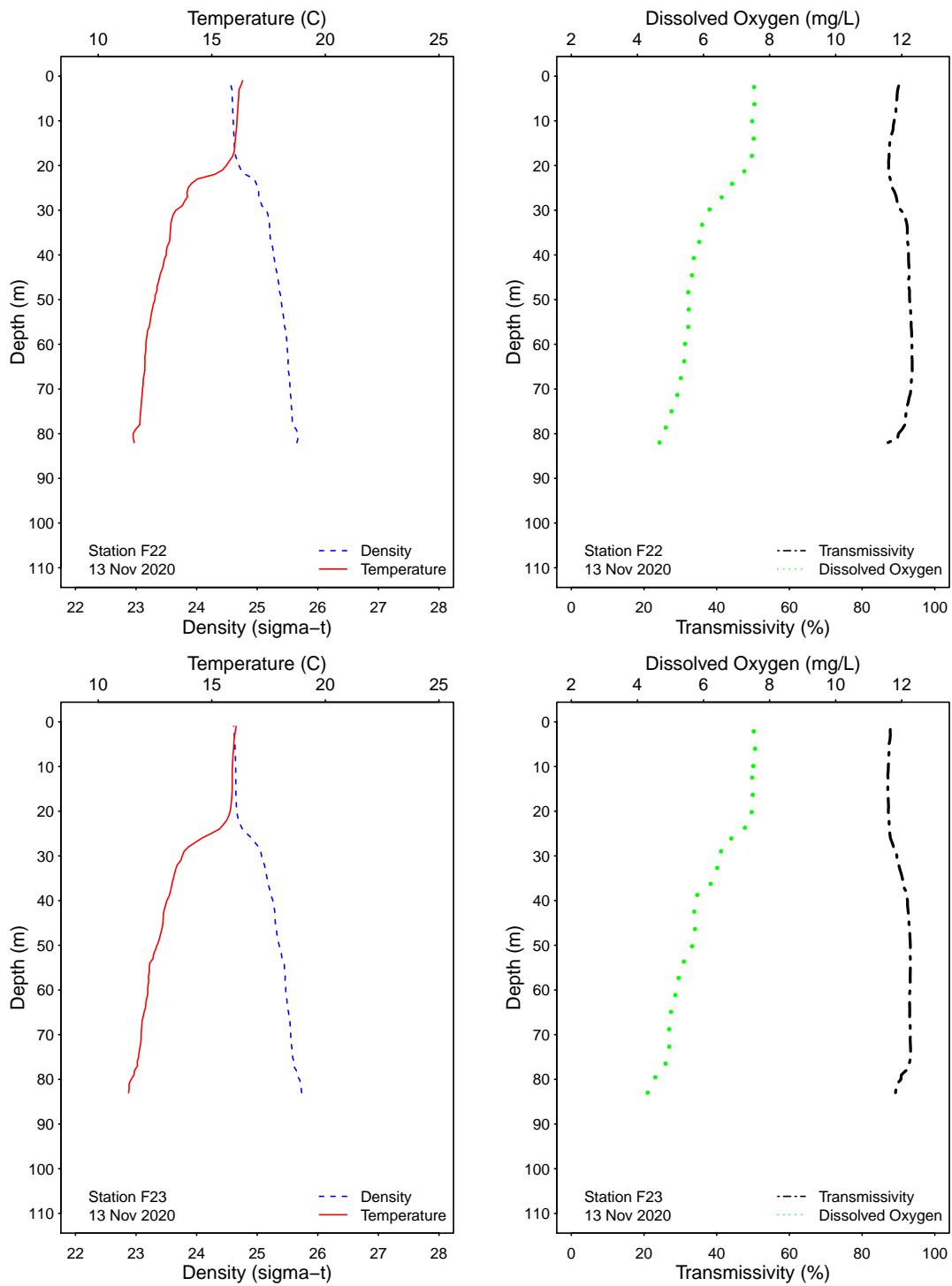


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

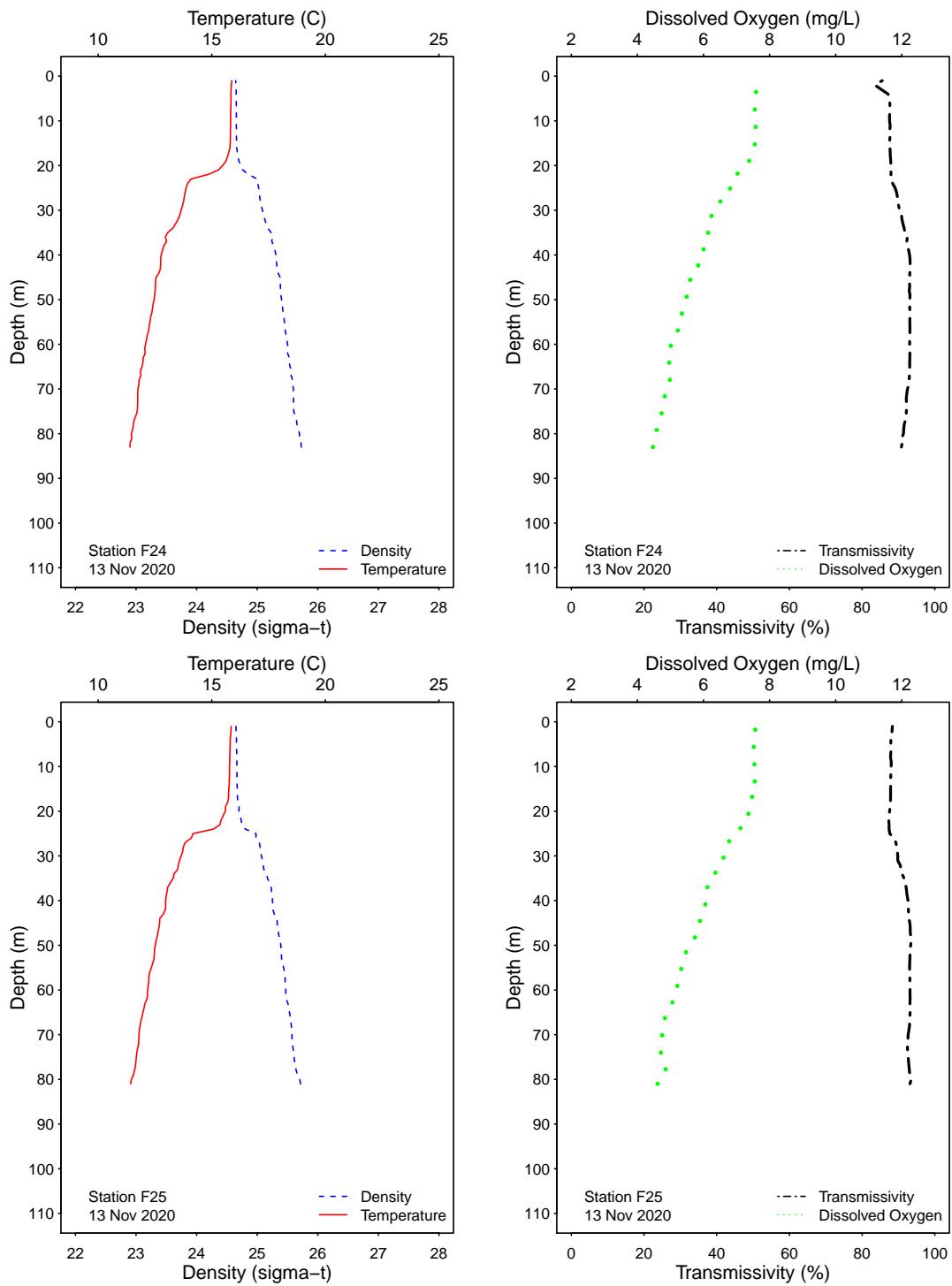


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

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APPENDIX A

Quality Assurance

Table A.1

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

Station	Date	Depth	Analyst	Procedure	Total	Fecal	Entero
A7	02 Nov 2020	18	AE	LAB DUPLICATE	<2	<2	<2
A7	11 Nov 2020	18	BS	LAB DUPLICATE	20e	4e	<2
A7	17 Nov 2020	18	AE	LAB DUPLICATE	32e	2e	<2
A7	23 Nov 2020	18	BS	LAB DUPLICATE	6e	<2	2e
C7	02 Nov 2020	18	BS	LAB DUPLICATE	4e	2e	<2
C7	11 Nov 2020	18	LMA	LAB DUPLICATE	<2	<2	<2
C7	17 Nov 2020	18	AE	LAB DUPLICATE	26e	4e	2e
C7	23 Nov 2020	18	BS	LAB DUPLICATE	<2	2e	<2
C8	02 Nov 2020	12	BS	LAB DUPLICATE	<2	<2	<2
C8	11 Nov 2020	12	BS	LAB DUPLICATE	2e	<2	<2
C8	17 Nov 2020	12	AE	LAB DUPLICATE	32e	2e	<2
C8	23 Nov 2020	12	BS	LAB DUPLICATE	<2	<2	<2
D12	04 Nov 2020		BS	FIELD DUPLICATE	<20	<2	<2
D12	04 Nov 2020		BS	LAB DUPLICATE	20e	12e	4e
D12	12 Nov 2020		JF	FIELD DUPLICATE	<20	8e	2e
D12	12 Nov 2020		JF	LAB DUPLICATE	<20	2e	<2
D12	18 Nov 2020		BS	FIELD DUPLICATE	<20	2e	2e
D12	18 Nov 2020		BS	LAB DUPLICATE	<20	2e	<2
D12	23 Nov 2020		AE	FIELD DUPLICATE	20e	2e	<2
D12	23 Nov 2020		AE	LAB DUPLICATE	20e	4e	<2
F01	12 Nov 2020	12	LMA	LAB DUPLICATE	ns	ns	<2
F02	12 Nov 2020	12	JF	LAB DUPLICATE	ns	ns	<2
F07	12 Nov 2020	60	JF	LAB DUPLICATE	ns	ns	4e
F08	12 Nov 2020	60	JF	LAB DUPLICATE	ns	ns	2e
F11	12 Nov 2020	60	JF	LAB DUPLICATE	ns	ns	16e
F17	13 Nov 2020	80	JF	LAB DUPLICATE	ns	ns	58
F18	13 Nov 2020	60	JF	LAB DUPLICATE	ns	ns	6e
F19	13 Nov 2020	60	LMA	LAB DUPLICATE	ns	ns	10e
F20	13 Nov 2020	60	LMA	LAB DUPLICATE	ns	ns	4e
F21	13 Nov 2020	80	LMA	LAB DUPLICATE	ns	ns	110
F28	10 Nov 2020	60	JF	LAB DUPLICATE	ns	ns	540
F29	10 Nov 2020	60	BS	LAB DUPLICATE	ns	ns	32e
F30	10 Nov 2020	60	BS	LAB DUPLICATE	ns	ns	58
F31	10 Nov 2020	80	JF	LAB DUPLICATE	ns	ns	<2
F32	10 Nov 2020	80	JF	LAB DUPLICATE	ns	ns	<2
F34	10 Nov 2020	60	JF	LAB DUPLICATE	ns	ns	14e

ns = not sampled

ND = no data

APPENDIX B

New 2019 Ocean Plan Water Quality Objectives

Shore Stations

Table B.1

Summary of compliance with the Ocean Plan's 6-week 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 6 weeks unless otherwise noted (*). Values >30 CFU/100 mL exceed the standard.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Nov 2020	3	2	8	5	2	3	3	7
02 Nov 2020	3	2	8	5	2	3	3	7
03 Nov 2020	3	2	8	5	2	3	3	7
04 Nov 2020	3	2	6	7	2	4	3	5
05 Nov 2020	3	2	6	7	2	4	3	5
06 Nov 2020	3	2	6	7	2	4	3	5
07 Nov 2020	3	2	6	7	2	4	3	5
08 Nov 2020	3	2	6	7	2	4	3	5
09 Nov 2020	3	2	6	7	2	4	3	5
10 Nov 2020	3	2	6	7	2	4	3	5
11 Nov 2020	2	2	6	9	2	3	2	6
12 Nov 2020	2	2	8	8	2	3	4	5
13 Nov 2020	2	2	8	8	2	3	4	5
14 Nov 2020	2	2	8	8	2	3	4	5
15 Nov 2020	2	2	8	8	2	3	4	5
16 Nov 2020	2	2	8	8	2	3	4	5
17 Nov 2020	2	2	8	8	2	3	4	5
18 Nov 2020	3	2	9	6	2	3	5	3
19 Nov 2020	3	2	9	6	2	3	5	3
20 Nov 2020	3	2	9	6	2	3	5	3
21 Nov 2020	3	2	9	6	2	3	5	3
22 Nov 2020	3	2	9	6	2	3	5	3
23 Nov 2020	2	2	7	5	2	3	5	3
24 Nov 2020	2	2	7	5	2	3	5	3
25 Nov 2020	3	2	6	4	2	3	6	3
26 Nov 2020	3	2	6	4	2	3	6	3
27 Nov 2020	3	2	6	4	2	3	6	3
28 Nov 2020	3	2	6	4	2	3	6	3
29 Nov 2020	3	2	6	4	2	3	6	3
30 Nov 2020	3	2	6	4	2	3	6	3

* Geometric mean calculated using n<5

ns = not sampled

Table B.2

Summary of compliance at the PLOO shore stations with the Ocean Plan's Statistical Threshold Value standard for *Enterococcus* bacteria, which states that *Enterococcus* density shall not exceed 110 CFU/100 mL in more than 10% of samples per month.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
November	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Kelp Stations

Table B.3

Summary of compliance with the Ocean Plan's 6-week 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 6 weeks unless otherwise noted (*). Values >30 CFU/100 mL exceed the standard.

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Nov 2020	2	2	2	3	2	2	2	2
02 Nov 2020	2	2	2	2	2	2	2	2
03 Nov 2020	2	2	2	2	2	2	2	2
04 Nov 2020	2	2	2	2	2	2	2	2
05 Nov 2020	2	2	2	2	2	2	2	2
06 Nov 2020	2	2	2	2	2	2	2	2
07 Nov 2020	2	2	2	2	2	2	2	2
08 Nov 2020	2	2	2	2	2	2	2	2
09 Nov 2020	2	2	2	2	2	2	2	2
10 Nov 2020	2	2	2	2	2	2	2	2
11 Nov 2020	2	2	2	2	2	2	2	2
12 Nov 2020	2	2	2	2	2	2	2	2
13 Nov 2020	2	2	2	2	2	2	2	2
14 Nov 2020	2	2	2	2	2	2	2	2
15 Nov 2020	2	2	2	2	2	2	2	2
16 Nov 2020	2	2	2	2	2	2	2	2
17 Nov 2020	2	2	2	2	2	2	2	2
18 Nov 2020	2	2	2	2	2	2	2	2
19 Nov 2020	2	2	2	2	2	2	2	2
20 Nov 2020	2	2	2	2	2	2	2	2
21 Nov 2020	2	2	2	2	2	2	2	2
22 Nov 2020	2	2	2	2	2	2	2	2
23 Nov 2020	2	2	2	2	2	2	2	2
24 Nov 2020	2	2	2	2	2	2	2	2
25 Nov 2020	2	2	2	2	2	2	2	2
26 Nov 2020	2	2	2	2	2	2	2	2
27 Nov 2020	2	2	2	2	2	2	2	2
28 Nov 2020	2	2	2	2	2	2	2	2
29 Nov 2020	2	2	2	2	2	2	2	2
30 Nov 2020	2	2	2	2	2	2	2	2

* Geometric mean calculated using n<5

Table B.4

Summary of compliance at the PLOO kelp stations with the Ocean Plan's Statistical Threshold Value standard for *Enterococcus* bacteria, which states that *Enterococcus* density shall not exceed 110 CFU/100 mL in more than 10% of samples per month.

Date	A1	A6	A7	C4	C5	C6	C7	C8
November	IC							

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Offshore Stations

Table B.5

Summary of compliance with the Ocean Plan's Statistical Threshold Value standard for *Enterococcus* bacteria at the PLOO offshore stations within three nautical miles of shore. Values shall not exceed 110 CFU/100 mL in more than 10% of samples per month.

Date	F01	F02	F03	F06	F07	F08	F09	F10	F11	F12	F13	F14	F18	F19	F20
November	IC	E	E												

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

