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 2023

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

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

December 31, 2023

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 2023 Monthly Receiving Waters Monitoring Report for the Point Loma Ocean Outfall, Point Loma Wastewater Treatment Plant as required per Order No. R9-2017-0007, NPDES Permit No. CA0107409.

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

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

Sincerely,

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

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, which was subsequently replaced by station D8-B in March 2018, after which sampling at station D8-A resumed in December 2020. Due to recent access issues at D8-A, sampling resumed at D8-B during February 2020.

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:

<u>30-day Geometric Mean</u>: 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

<u>Single Sample Maximums:</u>

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.

(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, 1987[2]) 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 2023 Quality Assurance Report, which will be completed in March 2024.

SUMMARY OF RESULTS

As of October 2020, new 2019 Ocean Plan Water Quality Objectives are included for *Enterococcus* and total coliforms, see Appendix B.

Shore Stations

- The eight shore stations (D4, D5, D7, D8-B, D9, D10, D11, D12) were sampled on November 1, 8, 15, 20, and 29.
- During the November report period, one of the eight shore stations was out of compliance with 2015 California Ocean Plan (Ocean Plan) water contact standards on one or more days as follows:
    - The Single Sample Maximum (SSM) standard for *Enterococcus* was exceeded at D8-B.
- A sewage-like odor was observed at station D5 on one or more days in November.
- 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).

Kelp Bed Stations

- The eight kelp bed water quality stations (A1, A6, A7, C4, C5, C6, C7, C8) were sampled on November 6, 13, 21, and 28.

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

- During the November report period, each of the eight kelp bed stations was in compliance with the various 2015 Ocean Plan water contact standards.
- Water column temperatures ranged from 13.86 to 17.29°C. The difference between surface and bottom waters ranged from 0.06 to 3.15°C.
- Chlorophyll *a* concentrations ranged from 0.37 to 7.82µg/L.
- Nothing of sewage origin was observed at any of the PLOO kelp stations in November.

Offshore Stations

- Quarterly offshore water quality sampling was conducted on November 14, 15, and 16.
- During the November report period, each of the 15 offshore stations located within State jurisdictional waters (i.e., F01–F03, F06–F14, F18–F20) was in compliance with the various 2015 Ocean Plan water contact standards.
- Of the remaining 21 offshore stations, elevated densities of *Enterococcus* bacteria (i.e., >104 CFU/100 mL) were detected at stations F30, F31, F32, F33, F34, F35, and F36 at depths ≥ 80 meters.
- Water column temperatures ranged from 12.13 to 18.54°C. The difference between surface and bottom waters ranged from 1.38 to 6.33°C.
- Chlorophyll *a* concentrations ranged from 0.20 to 2.73µg/L at the offshore stations.
- Nothing of sewage origin was observed at any of the PLOO offshore stations in November.
- CDOM data are available upon request.

TABLES AND FIGURES

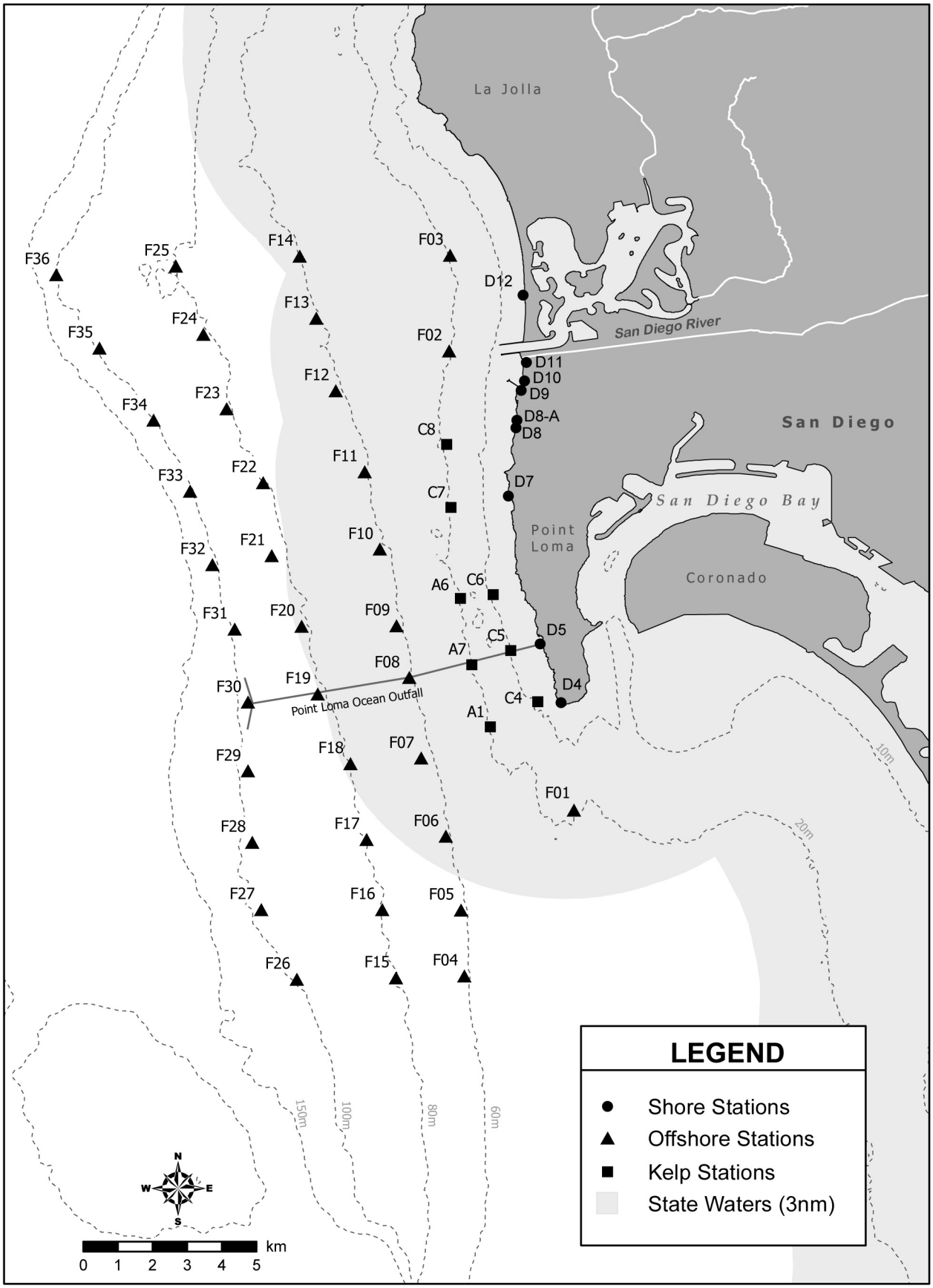

Figure 1.1 Station Map

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Shore Stations

Table 2.1

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

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Nov 2023	32	32	17	50	27	31	28	8
02 Nov 2023	32	32	17	50	27	31	28	8
03 Nov 2023	36	36	16	63	18	44	28	11
04 Nov 2023	36	36	16	63	18	44	28	11
05 Nov 2023	36	36	16	63	18	44	28	11
06 Nov 2023	36	36	16	63	18	44	28	11
07 Nov 2023	36	36	16	63	18	44	28	11
08 Nov 2023	32	50	21	80	18	38	26	16
09 Nov 2023	32	50	21	80	18	38	26	16
10 Nov 2023	36	63	21	112	18	34	18	15
11 Nov 2023	36	63	21	112	18	34	18	15
12 Nov 2023	36	63	21	112	18	34	18	15
13 Nov 2023	36	63	21	112	18	34	18	15
14 Nov 2023	36	63	21	112	18	34	18	15
15 Nov 2023	32	50	15	105	15	30	21	16
16 Nov 2023	32	50	15	105	15	30	21	16
17 Nov 2023	20	36	14	89	12	28	28	26
18 Nov 2023	20	36	14	89	12	28	28	26
19 Nov 2023	20	36	14	89	12	28	28	26
20 Nov 2023	20	32	15	105	15	26	26	25
21 Nov 2023	20	32	15	105	15	26	26	25
22 Nov 2023	20	32	15	105	15	26	26	25
23 Nov 2023	20	32	15	105	15	26	26	25
24 Nov 2023	20	36	18	159	19	28	24	26
25 Nov 2023	20	36	18	159	19	28	24	26
26 Nov 2023	20	36	18	159	19	28	24	26
27 Nov 2023	20	36	18	159	19	28	24	26
28 Nov 2023	20	36	18	159	19	28	24	26
29 Nov 2023	20	32	18	105	21	33	23	25
30 Nov 2023	20	32	18	105	21	33	23	25

* 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 2023	4	2	4	5	7	7	4	2
02 Nov 2023	4	2	4	5	7	7	4	2
03 Nov 2023	4	3	4	4	6	6	4	3
04 Nov 2023	4	3	4	4	6	6	4	3
05 Nov 2023	4	3	4	4	6	6	4	3
06 Nov 2023	4	3	4	4	6	6	4	3
07 Nov 2023	4	3	4	4	6	6	4	3
08 Nov 2023	3	6	6	9	5	8	6	4
09 Nov 2023	3	6	6	9	5	8	6	4
10 Nov 2023	4	6	4	7	4	9	6	5
11 Nov 2023	4	6	4	7	4	9	6	5
12 Nov 2023	4	6	4	7	4	9	6	5
13 Nov 2023	4	6	4	7	4	9	6	5
14 Nov 2023	4	6	4	7	4	9	6	5
15 Nov 2023	3	7	4	9	3	7	6	4
16 Nov 2023	3	7	4	9	3	7	6	4
17 Nov 2023	4	9	4	10	3	10	6	5
18 Nov 2023	4	9	4	10	3	10	6	5
19 Nov 2023	4	9	4	10	3	10	6	5
20 Nov 2023	3	8	4	7	3	7	6	6
21 Nov 2023	3	8	4	7	3	7	6	6
22 Nov 2023	3	8	4	7	3	7	6	6
23 Nov 2023	3	8	4	7	3	7	6	6
24 Nov 2023	4	12	4	10	3	7	7	6
25 Nov 2023	4	12	4	10	3	7	7	6
26 Nov 2023	4	12	4	10	3	7	7	6
27 Nov 2023	4	12	4	10	3	7	7	6
28 Nov 2023	4	12	4	10	3	7	7	6
29 Nov 2023	3	9	3	9	3	6	7	5
30 Nov 2023	3	9	3	9	3	6	7	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 2023	2	2	6	5	3	4	4	3
02 Nov 2023	2	2	6	5	3	4	4	3
03 Nov 2023	2	2	5	4	3	4	4	4
04 Nov 2023	2	2	5	4	3	4	4	4
05 Nov 2023	2	2	5	4	3	4	4	4
06 Nov 2023	2	2	5	4	3	4	4	4
07 Nov 2023	2	2	5	4	3	4	4	4
08 Nov 2023	2	3	6	7	4	6	5	6
09 Nov 2023	2	3	6	8	4	6	5	6
10 Nov 2023	2	4	4	9	5	7	3	7
11 Nov 2023	2	4	4	9	5	7	3	7
12 Nov 2023	2	4	4	9	5	7	3	7
13 Nov 2023	2	4	4	9	5	7	3	7
14 Nov 2023	2	4	4	9	5	7	3	7
15 Nov 2023	2	4	4	9	4	11	3	7
16 Nov 2023	2	4	4	9	4	11	3	7
17 Nov 2023	2	4	4	13	3	15	4	9
18 Nov 2023	2	4	4	13	3	15	4	9
19 Nov 2023	2	4	4	13	3	15	4	9
20 Nov 2023	2	4	4	12	3	10	3	7
21 Nov 2023	2	4	4	12	3	10	3	7
22 Nov 2023	2	4	4	12	3	10	3	7
23 Nov 2023	2	4	4	12	3	10	3	7
24 Nov 2023	2	4	3	14	3	11	4	5
25 Nov 2023	2	4	3	14	3	11	4	5
26 Nov 2023	2	4	3	14	3	11	4	5
27 Nov 2023	2	4	3	14	3	11	4	5
28 Nov 2023	2	4	3	14	3	11	4	5
29 Nov 2023	2	4	3	14	2	11	4	4
30 Nov 2023	2	4	3	14	2	11	4	4

* 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
01 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
08 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
15 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
20 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
29 Nov 2023	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
01 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
08 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
15 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
20 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
29 Nov 2023	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
01 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
08 Nov 2023	IC	IC	IC	E	IC	IC	IC	IC
09 Nov 2023	ns	ns	ns	IC	ns	ns	ns	ns
15 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
20 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
29 Nov 2023	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
01 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
08 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
15 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
20 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
29 Nov 2023	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* (Entero) are reported as CFU/100 mL. The fecal:total coliform ratio (F:T) is unitless. Comments follow the data summary.

Station	Date	Time	Total	Fecal	Entero	F:T
D4	01 Nov 2023	908	<20	<20	<2	1.00
D4	08 Nov 2023	902	<20	<2	<2	0.10
D4	15 Nov 2023	951	<20	<2	4e	0.10
D4	20 Nov 2023	930	<20	2e	<2	0.10
D4	29 Nov 2023	934	<20	<2	2e	0.10
D5	01 Nov 2023	858	20e	2e	<2	0.10
D5	08 Nov 2023	852	<200	200e	20e	1.00
D5	15 Nov 2023	935	<20	8e	4e	0.40
D5	20 Nov 2023	920	<20	6e	2e	0.30
D5	29 Nov 2023	922	<20	4e	4e	0.20
D7	01 Nov 2023	836	<20	<2	<2	0.10
D7	08 Nov 2023	830	60e	20e	16e	0.33
D7	15 Nov 2023	907	4e	2e	<2	0.50
D7	20 Nov 2023	858	<20	<2	<2	0.10
D7	29 Nov 2023	858	<20	<2	<2	0.10
D8-B	01 Nov 2023	825	<200	2e	<2	0.01
D8-B	08 Nov 2023	818	<200	140e	120e	0.70
D8-B	09 Nov 2023	1020	ns	ns	16e	ns
D8-B	15 Nov 2023	852	80e	20e	14e	0.25
D8-B	20 Nov 2023	847	200e	2e	10e	0.01
D8-B	29 Nov 2023	843	<20	6e	14e	0.30
D9	01 Nov 2023	815	20e	10e	<2	0.50
D9	08 Nov 2023	809	20e	2e	6e	0.10
D9	15 Nov 2023	840	8e	2e	2e	0.25
D9	20 Nov 2023	838	40e	<2	2e	0.05
D9	29 Nov 2023	834	30e	<2	<2	0.07
D10	01 Nov 2023	808	80e	12e	2e	0.15
D10	08 Nov 2023	800	<20	<20	40e	1.00
D10	15 Nov 2023	828	<20	4e	96	0.20
D10	20 Nov 2023	828	<20	2e	<2	0.10
D10	29 Nov 2023	816	60e	6e	12e	0.10
D11	01 Nov 2023	759	20e	<2	2e	0.10
D11	08 Nov 2023	751	20e	20e	14e	1.00
D11	15 Nov 2023	817	40e	6e	4e	0.15
D11	20 Nov 2023	817	<20	8e	<2	0.40
D11	29 Nov 2023	807	20e	10e	6e	0.50
D12	01 Nov 2023	742	<20	<2	<2	0.10
D12	08 Nov 2023	737	60e	<20	24e	0.33
D12	15 Nov 2023	759	<20	2e	6e	0.10
D12	20 Nov 2023	802	20e	<20	<2	1.00
D12	29 Nov 2023	748	<20	2e	<2	0.10

ns = not sampled
ND = no data

Comments

Station	Date	Depth	Parameter	Comments
D8-B	09 Nov 2023			Resample

Table 2.9

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

Station	Date	Parameter	Value
D4	01 Nov 2023	Arrive Time	908
D4	01 Nov 2023	Weather	Partly cloudy
D4	01 Nov 2023	Wind Speed (kts)	0
D4	01 Nov 2023	Wind Dir	
D4	01 Nov 2023	Animal Life	
D4	01 Nov 2023	Floatables	None
D4	01 Nov 2023	Water Color	Green
D4	01 Nov 2023	Current Direction	S
D4	01 Nov 2023	Water Temp (C)	13
D4	01 Nov 2023	Wave Height Low (ft)	3
D4	01 Nov 2023	High Tide (ft)	3.52
D4	01 Nov 2023	High Tide Time	28
D4	01 Nov 2023	Low Tide (ft)	2.52
D4	01 Nov 2023	Low Tide Time	451
D4	01 Nov 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D4	08 Nov 2023	Arrive Time	902
D4	08 Nov 2023	Weather	Sunny
D4	08 Nov 2023	Wind Speed (kts)	0
D4	08 Nov 2023	Wind Dir	
D4	08 Nov 2023	Animal Life	
D4	08 Nov 2023	Floatables	None
D4	08 Nov 2023	Water Color	Green
D4	08 Nov 2023	Current Direction	S
D4	08 Nov 2023	Water Temp (C)	19
D4	08 Nov 2023	Wave Height Low (ft)	5
D4	08 Nov 2023	High Tide (ft)	4.73
D4	08 Nov 2023	High Tide Time	610
D4	08 Nov 2023	Low Tide (ft)	1.59
D4	08 Nov 2023	Low Tide Time	1222
D4	08 Nov 2023	Comments	Water clear; Surfer/Paddle boarder-1; Trash-1; Algae
D4	15 Nov 2023	Arrive Time	951
D4	15 Nov 2023	Weather	Cloudy
D4	15 Nov 2023	Wind Speed (kts)	0
D4	15 Nov 2023	Wind Dir	
D4	15 Nov 2023	Animal Life	
D4	15 Nov 2023	Floatables	None
D4	15 Nov 2023	Water Color	Green
D4	15 Nov 2023	Current Direction	S
D4	15 Nov 2023	Water Temp (C)	13
D4	15 Nov 2023	Wave Height Low (ft)	6
D4	15 Nov 2023	High Tide (ft)	6.1
D4	15 Nov 2023	High Tide Time	901
D4	15 Nov 2023	Low Tide (ft)	2.21
D4	15 Nov 2023	Low Tide Time	243
D4	15 Nov 2023	Comments	Water clear; Trash-2; Seagrass;Kelp;Algae
D4	20 Nov 2023	Arrive Time	930
D4	20 Nov 2023	Weather	Sunny
D4	20 Nov 2023	Wind Speed (kts)	0
D4	20 Nov 2023	Wind Dir	SW
D4	20 Nov 2023	Animal Life	
D4	20 Nov 2023	Floatables	None
D4	20 Nov 2023	Water Color	Green
D4	20 Nov 2023	Current Direction	S

Station	Date	Parameter	Value
D4	20 Nov 2023	Water Temp (C)	20
D4	20 Nov 2023	Wave Height Low (ft)	1
D4	20 Nov 2023	High Tide (ft)	3.99
D4	20 Nov 2023	High Tide Time	403
D4	20 Nov 2023	Low Tide (ft)	2.88
D4	20 Nov 2023	Low Tide Time	908
D4	20 Nov 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D4	29 Nov 2023	Arrive Time	934
D4	29 Nov 2023	Weather	Partly cloudy
D4	29 Nov 2023	Wind Speed (kts)	1.7
D4	29 Nov 2023	Wind Dir	SW
D4	29 Nov 2023	Animal Life	
D4	29 Nov 2023	Floatables	None
D4	29 Nov 2023	Water Color	Green
D4	29 Nov 2023	Current Direction	S
D4	29 Nov 2023	Water Temp (C)	16
D4	29 Nov 2023	Wave Height Low (ft)	4
D4	29 Nov 2023	High Tide (ft)	6.02
D4	29 Nov 2023	High Tide Time	911
D4	29 Nov 2023	Low Tide (ft)	2.34
D4	29 Nov 2023	Low Tide Time	259
D4	29 Nov 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D5	01 Nov 2023	Arrive Time	858
D5	01 Nov 2023	Weather	Partly cloudy
D5	01 Nov 2023	Wind Speed (kts)	0
D5	01 Nov 2023	Wind Dir	
D5	01 Nov 2023	Animal Life	
D5	01 Nov 2023	Floatables	Foam
D5	01 Nov 2023	Water Color	Green
D5	01 Nov 2023	Current Direction	S
D5	01 Nov 2023	Water Temp (C)	13
D5	01 Nov 2023	Wave Height Low (ft)	3
D5	01 Nov 2023	High Tide (ft)	3.52
D5	01 Nov 2023	High Tide Time	28
D5	01 Nov 2023	Low Tide (ft)	2.52
D5	01 Nov 2023	Low Tide Time	451
D5	01 Nov 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D5	08 Nov 2023	Arrive Time	852
D5	08 Nov 2023	Weather	Sunny
D5	08 Nov 2023	Wind Speed (kts)	1.1
D5	08 Nov 2023	Wind Dir	N
D5	08 Nov 2023	Animal Life	
D5	08 Nov 2023	Floatables	None
D5	08 Nov 2023	Water Color	Brown
D5	08 Nov 2023	Current Direction	S
D5	08 Nov 2023	Water Temp (C)	15
D5	08 Nov 2023	Wave Height Low (ft)	5
D5	08 Nov 2023	High Tide (ft)	4.73
D5	08 Nov 2023	High Tide Time	610
D5	08 Nov 2023	Low Tide (ft)	1.59
D5	08 Nov 2023	Low Tide Time	1222
D5	08 Nov 2023	Comments	Water turbid; Trash-1; Algae
D5	15 Nov 2023	Arrive Time	935
D5	15 Nov 2023	Weather	Cloudy
D5	15 Nov 2023	Wind Speed (kts)	0.6
D5	15 Nov 2023	Wind Dir	NW
D5	15 Nov 2023	Animal Life	

Station	Date	Parameter	Value
D5	15 Nov 2023	Floatables	None
D5	15 Nov 2023	Water Color	Green
D5	15 Nov 2023	Current Direction	S
D5	15 Nov 2023	Water Temp (C)	13
D5	15 Nov 2023	Wave Height Low (ft)	4
D5	15 Nov 2023	High Tide (ft)	6.1
D5	15 Nov 2023	High Tide Time	901
D5	15 Nov 2023	Low Tide (ft)	2.21
D5	15 Nov 2023	Low Tide Time	243
D5	15 Nov 2023	Comments	Water clear; Trash-2; Kelp;Seagrass;Algae; Sewage-like odor
D5	20 Nov 2023	Arrive Time	920
D5	20 Nov 2023	Weather	Sunny
D5	20 Nov 2023	Wind Speed (kts)	1.6
D5	20 Nov 2023	Wind Dir	W
D5	20 Nov 2023	Animal Life	
D5	20 Nov 2023	Floatables	None
D5	20 Nov 2023	Water Color	Green
D5	20 Nov 2023	Current Direction	S
D5	20 Nov 2023	Water Temp (C)	14
D5	20 Nov 2023	Wave Height Low (ft)	1
D5	20 Nov 2023	High Tide (ft)	3.99
D5	20 Nov 2023	High Tide Time	403
D5	20 Nov 2023	Low Tide (ft)	2.88
D5	20 Nov 2023	Low Tide Time	908
D5	20 Nov 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D5	29 Nov 2023	Arrive Time	922
D5	29 Nov 2023	Weather	Partly cloudy
D5	29 Nov 2023	Wind Speed (kts)	1.6
D5	29 Nov 2023	Wind Dir	NW
D5	29 Nov 2023	Animal Life	
D5	29 Nov 2023	Floatables	None
D5	29 Nov 2023	Water Color	Green
D5	29 Nov 2023	Current Direction	S
D5	29 Nov 2023	Water Temp (C)	13
D5	29 Nov 2023	Wave Height Low (ft)	1
D5	29 Nov 2023	High Tide (ft)	6.02
D5	29 Nov 2023	High Tide Time	911
D5	29 Nov 2023	Low Tide (ft)	2.34
D5	29 Nov 2023	Low Tide Time	259
D5	29 Nov 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D7	01 Nov 2023	Arrive Time	836
D7	01 Nov 2023	Weather	Partly cloudy
D7	01 Nov 2023	Wind Speed (kts)	0
D7	01 Nov 2023	Wind Dir	
D7	01 Nov 2023	Animal Life	
D7	01 Nov 2023	Floatables	None
D7	01 Nov 2023	Water Color	Green
D7	01 Nov 2023	Current Direction	S
D7	01 Nov 2023	Water Temp (C)	11
D7	01 Nov 2023	Wave Height Low (ft)	2
D7	01 Nov 2023	High Tide (ft)	3.52
D7	01 Nov 2023	High Tide Time	28
D7	01 Nov 2023	Low Tide (ft)	2.52
D7	01 Nov 2023	Low Tide Time	451
D7	01 Nov 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D7	08 Nov 2023	Arrive Time	830
D7	08 Nov 2023	Weather	Sunny

Station	Date	Parameter	Value
D7	08 Nov 2023	Wind Speed (kts)	0
D7	08 Nov 2023	Wind Dir	
D7	08 Nov 2023	Animal Life	
D7	08 Nov 2023	Floatables	None
D7	08 Nov 2023	Water Color	Green
D7	08 Nov 2023	Current Direction	S
D7	08 Nov 2023	Water Temp (C)	15
D7	08 Nov 2023	Wave Height Low (ft)	7
D7	08 Nov 2023	High Tide (ft)	4.73
D7	08 Nov 2023	High Tide Time	610
D7	08 Nov 2023	Low Tide (ft)	1.59
D7	08 Nov 2023	Low Tide Time	1222
D7	08 Nov 2023	Comments	Water clear; Surfer/Paddle boarder-1; Trash-1; Algae
D7	15 Nov 2023	Arrive Time	907
D7	15 Nov 2023	Weather	Cloudy
D7	15 Nov 2023	Wind Speed (kts)	3.1
D7	15 Nov 2023	Wind Dir	NW
D7	15 Nov 2023	Animal Life	
D7	15 Nov 2023	Floatables	None
D7	15 Nov 2023	Water Color	Green
D7	15 Nov 2023	Current Direction	S
D7	15 Nov 2023	Water Temp (C)	15
D7	15 Nov 2023	Wave Height Low (ft)	7
D7	15 Nov 2023	High Tide (ft)	6.1
D7	15 Nov 2023	High Tide Time	901
D7	15 Nov 2023	Low Tide (ft)	2.21
D7	15 Nov 2023	Low Tide Time	243
D7	15 Nov 2023	Comments	Water clear; Trash-2; Kelp;Seagrass;Algae
D7	20 Nov 2023	Arrive Time	858
D7	20 Nov 2023	Weather	Sunny
D7	20 Nov 2023	Wind Speed (kts)	0
D7	20 Nov 2023	Wind Dir	SW
D7	20 Nov 2023	Animal Life	
D7	20 Nov 2023	Floatables	None
D7	20 Nov 2023	Water Color	Green
D7	20 Nov 2023	Current Direction	S
D7	20 Nov 2023	Water Temp (C)	18
D7	20 Nov 2023	Wave Height Low (ft)	3
D7	20 Nov 2023	High Tide (ft)	3.99
D7	20 Nov 2023	High Tide Time	403
D7	20 Nov 2023	Low Tide (ft)	2.88
D7	20 Nov 2023	Low Tide Time	908
D7	20 Nov 2023	Comments	Water clear; Trash-1; Kelp;Algae;Seagrass
D7	29 Nov 2023	Arrive Time	858
D7	29 Nov 2023	Weather	Partly cloudy
D7	29 Nov 2023	Wind Speed (kts)	2
D7	29 Nov 2023	Wind Dir	SW
D7	29 Nov 2023	Animal Life	
D7	29 Nov 2023	Floatables	None
D7	29 Nov 2023	Water Color	Green
D7	29 Nov 2023	Current Direction	S
D7	29 Nov 2023	Water Temp (C)	12
D7	29 Nov 2023	Wave Height Low (ft)	5
D7	29 Nov 2023	High Tide (ft)	6.02
D7	29 Nov 2023	High Tide Time	911
D7	29 Nov 2023	Low Tide (ft)	2.34
D7	29 Nov 2023	Low Tide Time	259
D7	29 Nov 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae

Station	Date	Parameter	Value
D8-B	01 Nov 2023	Arrive Time	825
D8-B	01 Nov 2023	Weather	Partly cloudy
D8-B	01 Nov 2023	Wind Speed (kts)	3.2
D8-B	01 Nov 2023	Wind Dir	E
D8-B	01 Nov 2023	Animal Life	
D8-B	01 Nov 2023	Floatables	None
D8-B	01 Nov 2023	Water Color	Green
D8-B	01 Nov 2023	Current Direction	S
D8-B	01 Nov 2023	Water Temp (C)	9
D8-B	01 Nov 2023	Wave Height Low (ft)	4
D8-B	01 Nov 2023	High Tide (ft)	3.52
D8-B	01 Nov 2023	High Tide Time	28
D8-B	01 Nov 2023	Low Tide (ft)	2.52
D8-B	01 Nov 2023	Low Tide Time	451
D8-B	01 Nov 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D8-B	08 Nov 2023	Arrive Time	818
D8-B	08 Nov 2023	Weather	Sunny
D8-B	08 Nov 2023	Wind Speed (kts)	1.4
D8-B	08 Nov 2023	Wind Dir	E
D8-B	08 Nov 2023	Animal Life	
D8-B	08 Nov 2023	Floatables	None
D8-B	08 Nov 2023	Water Color	Green
D8-B	08 Nov 2023	Current Direction	S
D8-B	08 Nov 2023	Water Temp (C)	14
D8-B	08 Nov 2023	Wave Height Low (ft)	6
D8-B	08 Nov 2023	High Tide (ft)	4.73
D8-B	08 Nov 2023	High Tide Time	610
D8-B	08 Nov 2023	Low Tide (ft)	1.59
D8-B	08 Nov 2023	Low Tide Time	1222
D8-B	08 Nov 2023	Comments	Water turbid; Trash-1; Algae;Kelp
D8-B	09 Nov 2023	Arrive Time	1020
D8-B	09 Nov 2023	Weather	Sunny
D8-B	09 Nov 2023	Wind Speed (kts)	2.5
D8-B	09 Nov 2023	Wind Dir	W
D8-B	09 Nov 2023	Animal Life	
D8-B	09 Nov 2023	Floatables	None
D8-B	09 Nov 2023	Water Color	Green
D8-B	09 Nov 2023	Current Direction	S
D8-B	09 Nov 2023	Water Temp (C)	13
D8-B	09 Nov 2023	Wave Height Low (ft)	6
D8-B	09 Nov 2023	High Tide (ft)	5.06
D8-B	09 Nov 2023	High Tide Time	629
D8-B	09 Nov 2023	Low Tide (ft)	0.92
D8-B	09 Nov 2023	Low Tide Time	10
D8-B	09 Nov 2023	Comments	Water clear; Trash-1; Debris
D8-B	15 Nov 2023	Arrive Time	852
D8-B	15 Nov 2023	Weather	Cloudy
D8-B	15 Nov 2023	Wind Speed (kts)	0
D8-B	15 Nov 2023	Wind Dir	
D8-B	15 Nov 2023	Animal Life	
D8-B	15 Nov 2023	Floatables	Foam
D8-B	15 Nov 2023	Water Color	Green
D8-B	15 Nov 2023	Current Direction	S
D8-B	15 Nov 2023	Water Temp (C)	14
D8-B	15 Nov 2023	Wave Height Low (ft)	7
D8-B	15 Nov 2023	High Tide (ft)	6.1
D8-B	15 Nov 2023	High Tide Time	901

Station	Date	Parameter	Value
D8-B	15 Nov 2023	Low Tide (ft)	2.21
D8-B	15 Nov 2023	Low Tide Time	243
D8-B	15 Nov 2023	Comments	Water clear; Trash-4; Kelp;Seagrass;Algae;Debris
D8-B	20 Nov 2023	Arrive Time	847
D8-B	20 Nov 2023	Weather	Sunny
D8-B	20 Nov 2023	Wind Speed (kts)	0
D8-B	20 Nov 2023	Wind Dir	SW
D8-B	20 Nov 2023	Animal Life	
D8-B	20 Nov 2023	Floatables	None
D8-B	20 Nov 2023	Water Color	Green
D8-B	20 Nov 2023	Current Direction	S
D8-B	20 Nov 2023	Water Temp (C)	14
D8-B	20 Nov 2023	Wave Height Low (ft)	3
D8-B	20 Nov 2023	High Tide (ft)	3.99
D8-B	20 Nov 2023	High Tide Time	403
D8-B	20 Nov 2023	Low Tide (ft)	2.88
D8-B	20 Nov 2023	Low Tide Time	908
D8-B	20 Nov 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D8-B	29 Nov 2023	Arrive Time	843
D8-B	29 Nov 2023	Weather	Partly cloudy
D8-B	29 Nov 2023	Wind Speed (kts)	9.8
D8-B	29 Nov 2023	Wind Dir	W
D8-B	29 Nov 2023	Animal Life	
D8-B	29 Nov 2023	Floatables	None
D8-B	29 Nov 2023	Water Color	Green
D8-B	29 Nov 2023	Current Direction	S
D8-B	29 Nov 2023	Water Temp (C)	13
D8-B	29 Nov 2023	Wave Height Low (ft)	5
D8-B	29 Nov 2023	High Tide (ft)	6.02
D8-B	29 Nov 2023	High Tide Time	911
D8-B	29 Nov 2023	Low Tide (ft)	2.34
D8-B	29 Nov 2023	Low Tide Time	259
D8-B	29 Nov 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D9	01 Nov 2023	Arrive Time	815
D9	01 Nov 2023	Weather	Partly cloudy
D9	01 Nov 2023	Wind Speed (kts)	0
D9	01 Nov 2023	Wind Dir	
D9	01 Nov 2023	Animal Life	
D9	01 Nov 2023	Floatables	None
D9	01 Nov 2023	Water Color	Green
D9	01 Nov 2023	Current Direction	S
D9	01 Nov 2023	Water Temp (C)	11
D9	01 Nov 2023	Wave Height Low (ft)	2
D9	01 Nov 2023	High Tide (ft)	3.52
D9	01 Nov 2023	High Tide Time	28
D9	01 Nov 2023	Low Tide (ft)	2.52
D9	01 Nov 2023	Low Tide Time	451
D9	01 Nov 2023	Comments	Water clear; Fisherperson-1; Trash-1; Kelp;Seagrass;Algae
D9	08 Nov 2023	Arrive Time	809
D9	08 Nov 2023	Weather	Sunny
D9	08 Nov 2023	Wind Speed (kts)	0.7
D9	08 Nov 2023	Wind Dir	NE
D9	08 Nov 2023	Animal Life	
D9	08 Nov 2023	Floatables	None
D9	08 Nov 2023	Water Color	Green
D9	08 Nov 2023	Current Direction	S
D9	08 Nov 2023	Water Temp (C)	14

Station	Date	Parameter	Value
D9	08 Nov 2023	Wave Height Low (ft)	8
D9	08 Nov 2023	High Tide (ft)	4.73
D9	08 Nov 2023	High Tide Time	610
D9	08 Nov 2023	Low Tide (ft)	1.59
D9	08 Nov 2023	Low Tide Time	1222
D9	08 Nov 2023	Comments	Water clear; Trash-1; Algae; Person/Walker/Jogger-2
D9	15 Nov 2023	Arrive Time	840
D9	15 Nov 2023	Weather	Partly cloudy
D9	15 Nov 2023	Wind Speed (kts)	0
D9	15 Nov 2023	Wind Dir	
D9	15 Nov 2023	Animal Life	Dog-1;
D9	15 Nov 2023	Floatables	None
D9	15 Nov 2023	Water Color	Green
D9	15 Nov 2023	Current Direction	S
D9	15 Nov 2023	Water Temp (C)	15
D9	15 Nov 2023	Wave Height Low (ft)	6
D9	15 Nov 2023	High Tide (ft)	6.1
D9	15 Nov 2023	High Tide Time	901
D9	15 Nov 2023	Low Tide (ft)	2.21
D9	15 Nov 2023	Low Tide Time	243
D9	15 Nov 2023	Comments	Water clear; Trash-4; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-1
D9	20 Nov 2023	Arrive Time	838
D9	20 Nov 2023	Weather	Sunny
D9	20 Nov 2023	Wind Speed (kts)	0.6
D9	20 Nov 2023	Wind Dir	SW
D9	20 Nov 2023	Animal Life	
D9	20 Nov 2023	Floatables	None
D9	20 Nov 2023	Water Color	Green
D9	20 Nov 2023	Current Direction	S
D9	20 Nov 2023	Water Temp (C)	14
D9	20 Nov 2023	Wave Height Low (ft)	3
D9	20 Nov 2023	High Tide (ft)	3.99
D9	20 Nov 2023	High Tide Time	403
D9	20 Nov 2023	Low Tide (ft)	2.88
D9	20 Nov 2023	Low Tide Time	908
D9	20 Nov 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D9	29 Nov 2023	Arrive Time	834
D9	29 Nov 2023	Weather	Partly cloudy
D9	29 Nov 2023	Wind Speed (kts)	0
D9	29 Nov 2023	Wind Dir	SW
D9	29 Nov 2023	Animal Life	
D9	29 Nov 2023	Floatables	None
D9	29 Nov 2023	Water Color	Green
D9	29 Nov 2023	Current Direction	S
D9	29 Nov 2023	Water Temp (C)	14
D9	29 Nov 2023	Wave Height Low (ft)	5
D9	29 Nov 2023	High Tide (ft)	6.02
D9	29 Nov 2023	High Tide Time	911
D9	29 Nov 2023	Low Tide (ft)	2.34
D9	29 Nov 2023	Low Tide Time	259
D9	29 Nov 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D10	01 Nov 2023	Arrive Time	808
D10	01 Nov 2023	Weather	Partly cloudy
D10	01 Nov 2023	Wind Speed (kts)	2.2
D10	01 Nov 2023	Wind Dir	E
D10	01 Nov 2023	Animal Life	

Station	Date	Parameter	Value
D10	01 Nov 2023	Floatables	None
D10	01 Nov 2023	Water Color	Green
D10	01 Nov 2023	Current Direction	S
D10	01 Nov 2023	Water Temp (C)	13
D10	01 Nov 2023	Wave Height Low (ft)	3
D10	01 Nov 2023	High Tide (ft)	3.52
D10	01 Nov 2023	High Tide Time	28
D10	01 Nov 2023	Low Tide (ft)	2.52
D10	01 Nov 2023	Low Tide Time	451
D10	01 Nov 2023	Comments	Water clear; Surfer/Paddle boarder-5; Trash-1; Kelp;Seagrass
D10	08 Nov 2023	Arrive Time	800
D10	08 Nov 2023	Weather	Sunny
D10	08 Nov 2023	Wind Speed (kts)	2.4
D10	08 Nov 2023	Wind Dir	NE
D10	08 Nov 2023	Animal Life	
D10	08 Nov 2023	Floatables	None
D10	08 Nov 2023	Water Color	Green
D10	08 Nov 2023	Current Direction	S
D10	08 Nov 2023	Water Temp (C)	14
D10	08 Nov 2023	Wave Height Low (ft)	8
D10	08 Nov 2023	High Tide (ft)	4.73
D10	08 Nov 2023	High Tide Time	610
D10	08 Nov 2023	Low Tide (ft)	1.59
D10	08 Nov 2023	Low Tide Time	1222
D10	08 Nov 2023	Comments	Water clear; Surfer/Paddle boarder-3; Trash-1; Kelp;Seagrass;Debris; Person/Walker/Jogger-1
D10	15 Nov 2023	Arrive Time	828
D10	15 Nov 2023	Weather	Partly cloudy
D10	15 Nov 2023	Wind Speed (kts)	1.4
D10	15 Nov 2023	Wind Dir	NW
D10	15 Nov 2023	Animal Life	
D10	15 Nov 2023	Floatables	Foam
D10	15 Nov 2023	Water Color	Green
D10	15 Nov 2023	Current Direction	S
D10	15 Nov 2023	Water Temp (C)	15
D10	15 Nov 2023	Wave Height Low (ft)	5
D10	15 Nov 2023	High Tide (ft)	6.1
D10	15 Nov 2023	High Tide Time	901
D10	15 Nov 2023	Low Tide (ft)	2.21
D10	15 Nov 2023	Low Tide Time	243
D10	15 Nov 2023	Comments	Water clear; Surfer/Paddle boarder-4; Trash-3; Kelp;Seagrass;Debris; Person/Walker/Jogger-2
D10	20 Nov 2023	Arrive Time	828
D10	20 Nov 2023	Weather	Sunny
D10	20 Nov 2023	Wind Speed (kts)	1.2
D10	20 Nov 2023	Wind Dir	W
D10	20 Nov 2023	Animal Life	
D10	20 Nov 2023	Floatables	None
D10	20 Nov 2023	Water Color	Green
D10	20 Nov 2023	Current Direction	S
D10	20 Nov 2023	Water Temp (C)	14
D10	20 Nov 2023	Wave Height Low (ft)	3
D10	20 Nov 2023	High Tide (ft)	3.99
D10	20 Nov 2023	High Tide Time	403
D10	20 Nov 2023	Low Tide (ft)	2.88
D10	20 Nov 2023	Low Tide Time	908

Station	Date	Parameter	Value
D10	20 Nov 2023	Comments	Water clear; Trash-1; Kelp;Seagrass; Person/Walker/Jogger-2
D10	29 Nov 2023	Arrive Time	816
D10	29 Nov 2023	Weather	Partly cloudy
D10	29 Nov 2023	Wind Speed (kts)	0
D10	29 Nov 2023	Wind Dir	SW
D10	29 Nov 2023	Animal Life	
D10	29 Nov 2023	Floatables	None
D10	29 Nov 2023	Water Color	Green
D10	29 Nov 2023	Current Direction	SW
D10	29 Nov 2023	Water Temp (C)	12
D10	29 Nov 2023	Wave Height Low (ft)	2
D10	29 Nov 2023	High Tide (ft)	6.02
D10	29 Nov 2023	High Tide Time	911
D10	29 Nov 2023	Low Tide (ft)	2.34
D10	29 Nov 2023	Low Tide Time	259
D10	29 Nov 2023	Comments	Water clear; Trash-1; Kelp;Seagrass; Person/Walker/Jogger-1
D11	01 Nov 2023	Arrive Time	759
D11	01 Nov 2023	Weather	Partly cloudy
D11	01 Nov 2023	Wind Speed (kts)	2.7
D11	01 Nov 2023	Wind Dir	E
D11	01 Nov 2023	Animal Life	Dog-1;
D11	01 Nov 2023	Floatables	None
D11	01 Nov 2023	Water Color	Green
D11	01 Nov 2023	Current Direction	S
D11	01 Nov 2023	Water Temp (C)	11
D11	01 Nov 2023	Wave Height Low (ft)	4
D11	01 Nov 2023	High Tide (ft)	3.52
D11	01 Nov 2023	High Tide Time	28
D11	01 Nov 2023	Low Tide (ft)	2.52
D11	01 Nov 2023	Low Tide Time	451
D11	01 Nov 2023	Comments	Water clear; Surfer/Paddle boarder-4; Trash-1; Kelp;Seagrass; Person/Walker/Jogger-2
D11	08 Nov 2023	Arrive Time	751
D11	08 Nov 2023	Weather	Sunny
D11	08 Nov 2023	Wind Speed (kts)	2.9
D11	08 Nov 2023	Wind Dir	E
D11	08 Nov 2023	Animal Life	Bird-1; Dog-1;
D11	08 Nov 2023	Floatables	None
D11	08 Nov 2023	Water Color	Green
D11	08 Nov 2023	Current Direction	S
D11	08 Nov 2023	Water Temp (C)	14
D11	08 Nov 2023	Wave Height Low (ft)	8
D11	08 Nov 2023	High Tide (ft)	4.73
D11	08 Nov 2023	High Tide Time	610
D11	08 Nov 2023	Low Tide (ft)	1.59
D11	08 Nov 2023	Low Tide Time	1222
D11	08 Nov 2023	Comments	Water clear; Surfer/Paddle boarder-5; Trash-1; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-1
D11	15 Nov 2023	Arrive Time	817
D11	15 Nov 2023	Weather	Partly cloudy
D11	15 Nov 2023	Wind Speed (kts)	0
D11	15 Nov 2023	Wind Dir	
D11	15 Nov 2023	Animal Life	
D11	15 Nov 2023	Floatables	None
D11	15 Nov 2023	Water Color	Green

Station	Date	Parameter	Value
D11	15 Nov 2023	Current Direction	S
D11	15 Nov 2023	Water Temp (C)	15
D11	15 Nov 2023	Wave Height Low (ft)	5
D11	15 Nov 2023	High Tide (ft)	6.1
D11	15 Nov 2023	High Tide Time	901
D11	15 Nov 2023	Low Tide (ft)	2.21
D11	15 Nov 2023	Low Tide Time	243
D11	15 Nov 2023	Comments	Water clear; Surfer/Paddle boarder-5; Trash-3; Kelp;Seagrass;Algae;Debris
D11	20 Nov 2023	Arrive Time	817
D11	20 Nov 2023	Weather	Sunny
D11	20 Nov 2023	Wind Speed (kts)	2.2
D11	20 Nov 2023	Wind Dir	SW
D11	20 Nov 2023	Animal Life	Dog-1;
D11	20 Nov 2023	Floatables	None
D11	20 Nov 2023	Water Color	Green
D11	20 Nov 2023	Current Direction	S
D11	20 Nov 2023	Water Temp (C)	16
D11	20 Nov 2023	Wave Height Low (ft)	3
D11	20 Nov 2023	High Tide (ft)	3.99
D11	20 Nov 2023	High Tide Time	403
D11	20 Nov 2023	Low Tide (ft)	2.88
D11	20 Nov 2023	Low Tide Time	908
D11	20 Nov 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae; Person/Walker/Jogger-2
D11	29 Nov 2023	Arrive Time	807
D11	29 Nov 2023	Weather	Partly cloudy
D11	29 Nov 2023	Wind Speed (kts)	0
D11	29 Nov 2023	Wind Dir	SW
D11	29 Nov 2023	Animal Life	
D11	29 Nov 2023	Floatables	None
D11	29 Nov 2023	Water Color	Green
D11	29 Nov 2023	Current Direction	S
D11	29 Nov 2023	Water Temp (C)	11
D11	29 Nov 2023	Wave Height Low (ft)	2
D11	29 Nov 2023	High Tide (ft)	6.02
D11	29 Nov 2023	High Tide Time	911
D11	29 Nov 2023	Low Tide (ft)	2.34
D11	29 Nov 2023	Low Tide Time	259
D11	29 Nov 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D12	01 Nov 2023	Arrive Time	742
D12	01 Nov 2023	Weather	Partly cloudy
D12	01 Nov 2023	Wind Speed (kts)	2.9
D12	01 Nov 2023	Wind Dir	E
D12	01 Nov 2023	Animal Life	Bird-2;
D12	01 Nov 2023	Floatables	None
D12	01 Nov 2023	Water Color	Green
D12	01 Nov 2023	Current Direction	S
D12	01 Nov 2023	Water Temp (C)	9
D12	01 Nov 2023	Wave Height Low (ft)	3
D12	01 Nov 2023	High Tide (ft)	3.52
D12	01 Nov 2023	High Tide Time	28
D12	01 Nov 2023	Low Tide (ft)	2.52
D12	01 Nov 2023	Low Tide Time	451
D12	01 Nov 2023	Comments	Water clear; Trash-1; Seagrass;Kelp
D12	08 Nov 2023	Arrive Time	737
D12	08 Nov 2023	Weather	Sunny

Station	Date	Parameter	Value
D12	08 Nov 2023	Wind Speed (kts)	1.8
D12	08 Nov 2023	Wind Dir	NE
D12	08 Nov 2023	Animal Life	
D12	08 Nov 2023	Floatables	None
D12	08 Nov 2023	Water Color	Green
D12	08 Nov 2023	Current Direction	S
D12	08 Nov 2023	Water Temp (C)	14
D12	08 Nov 2023	Wave Height Low (ft)	6
D12	08 Nov 2023	High Tide (ft)	4.73
D12	08 Nov 2023	High Tide Time	610
D12	08 Nov 2023	Low Tide (ft)	1.59
D12	08 Nov 2023	Low Tide Time	1222
D12	08 Nov 2023	Comments	Water clear; Surfer/Paddle boarder-2; Trash-2; Kelp;Seagrass;Debris
D12	15 Nov 2023	Arrive Time	759
D12	15 Nov 2023	Weather	Partly cloudy
D12	15 Nov 2023	Wind Speed (kts)	0.7
D12	15 Nov 2023	Wind Dir	NW
D12	15 Nov 2023	Animal Life	
D12	15 Nov 2023	Floatables	None
D12	15 Nov 2023	Water Color	Green
D12	15 Nov 2023	Current Direction	S
D12	15 Nov 2023	Water Temp (C)	14
D12	15 Nov 2023	Wave Height Low (ft)	4
D12	15 Nov 2023	High Tide (ft)	6.1
D12	15 Nov 2023	High Tide Time	901
D12	15 Nov 2023	Low Tide (ft)	2.21
D12	15 Nov 2023	Low Tide Time	243
D12	15 Nov 2023	Comments	Water clear; Surfer/Paddle boarder-6; Trash-2; Kelp;Seagrass;Debris
D12	20 Nov 2023	Arrive Time	802
D12	20 Nov 2023	Weather	Sunny
D12	20 Nov 2023	Wind Speed (kts)	1.1
D12	20 Nov 2023	Wind Dir	SW
D12	20 Nov 2023	Animal Life	
D12	20 Nov 2023	Floatables	None
D12	20 Nov 2023	Water Color	Green
D12	20 Nov 2023	Current Direction	S
D12	20 Nov 2023	Water Temp (C)	15
D12	20 Nov 2023	Wave Height Low (ft)	2
D12	20 Nov 2023	High Tide (ft)	3.99
D12	20 Nov 2023	High Tide Time	403
D12	20 Nov 2023	Low Tide (ft)	2.88
D12	20 Nov 2023	Low Tide Time	908
D12	20 Nov 2023	Comments	Water clear; Trash-1; Kelp;Seagrass; Person/Walker/Jogger-2
D12	29 Nov 2023	Arrive Time	748
D12	29 Nov 2023	Weather	Partly cloudy
D12	29 Nov 2023	Wind Speed (kts)	1.8
D12	29 Nov 2023	Wind Dir	SW
D12	29 Nov 2023	Animal Life	
D12	29 Nov 2023	Floatables	None
D12	29 Nov 2023	Water Color	Green
D12	29 Nov 2023	Current Direction	S
D12	29 Nov 2023	Water Temp (C)	12
D12	29 Nov 2023	Wave Height Low (ft)	3
D12	29 Nov 2023	High Tide (ft)	6.02
D12	29 Nov 2023	High Tide Time	911

Station	Date	Parameter	Value
D12	29 Nov 2023	Low Tide (ft)	2.34
D12	29 Nov 2023	Low Tide Time	259
D12	29 Nov 2023	Comments	Water clear; Trash-1; Kelp;Seagrass

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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 2023	3	4	6	5	6	5	8	9
02 Nov 2023	3	4	6	5	6	5	8	9
03 Nov 2023	3	4	6	5	6	5	8	9
04 Nov 2023	3	4	6	5	6	5	8	9
05 Nov 2023	3	4	6	5	6	5	8	9
06 Nov 2023	3	3	5	4	5	4	6	6
07 Nov 2023	3	3	5	4	5	4	6	6
08 Nov 2023	3	4	5	3	5	5	8	6
09 Nov 2023	3	4	5	3	5	5	8	6
10 Nov 2023	3	4	5	3	5	5	8	6
11 Nov 2023	3	4	5	3	5	5	8	6
12 Nov 2023	3	4	5	3	5	5	8	6
13 Nov 2023	3	5	5	3	5	5	8	7
14 Nov 2023	3	5	5	3	5	5	8	7
15 Nov 2023	3	4	3	3	4	4	3	5
16 Nov 2023	3	4	3	3	4	4	3	5
17 Nov 2023	3	4	3	3	4	4	3	5
18 Nov 2023	3	4	3	3	4	4	3	5
19 Nov 2023	3	4	3	3	4	4	3	5
20 Nov 2023	3	4	3	3	4	4	3	5
21 Nov 2023	4	4	3	3	4	3	3	4
22 Nov 2023	4	4	3	3	4	3	3	4
23 Nov 2023	5	4	3	2	3	2	3	5
24 Nov 2023	5	4	3	2	3	2	3	5
25 Nov 2023	5	4	3	2	3	2	3	5
26 Nov 2023	5	4	3	2	3	2	3	5
27 Nov 2023	5	4	3	2	3	2	3	5
28 Nov 2023	7	8	7	2	3	2	5	5
29 Nov 2023	7	10	7	2	4	2	5	3
30 Nov 2023	7	10	7	2	4	2	5	3

* 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 2023	2	2	3	2	2	2	4	3
02 Nov 2023	2	2	3	2	2	2	4	3
03 Nov 2023	2	2	3	2	2	2	4	3
04 Nov 2023	2	2	3	2	2	2	4	3
05 Nov 2023	2	2	3	2	2	2	4	3
06 Nov 2023	2	2	3	2	2	2	3	3
07 Nov 2023	2	2	3	2	2	2	3	3
08 Nov 2023	2	2	3	2	2	2	4	3
09 Nov 2023	2	2	3	2	2	2	4	3
10 Nov 2023	2	2	3	2	2	2	4	3
11 Nov 2023	2	2	3	2	2	2	4	3
12 Nov 2023	2	2	3	2	2	2	4	3
13 Nov 2023	2	2	3	2	2	2	3	3
14 Nov 2023	2	2	3	2	2	2	3	3
15 Nov 2023	2	2	2	2	2	2	2	2
16 Nov 2023	2	2	2	2	2	2	2	2
17 Nov 2023	2	2	2	2	2	2	2	2
18 Nov 2023	2	2	2	2	2	2	2	2
19 Nov 2023	2	2	2	2	2	2	2	2
20 Nov 2023	2	2	2	2	2	2	2	2
21 Nov 2023	2	2	2	2	2	2	2	2
22 Nov 2023	2	2	2	2	2	2	2	2
23 Nov 2023	2	2	2	2	2	2	2	2
24 Nov 2023	2	2	2	2	2	2	2	2
25 Nov 2023	2	2	2	2	2	2	2	2
26 Nov 2023	2	2	2	2	2	2	2	2
27 Nov 2023	2	2	2	2	2	2	2	2
28 Nov 2023	3	3	4	2	2	2	3	2
29 Nov 2023	3	3	4	2	2	2	3	2
30 Nov 2023	3	3	4	2	2	2	3	2

* Geometric mean calculated using n<5

Table 3.3

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Nov 2023	2	2	2	2	2	2	2	2
02 Nov 2023	2	2	2	2	2	2	2	2
03 Nov 2023	2	2	2	2	2	2	2	2
04 Nov 2023	2	2	2	2	2	2	2	2
05 Nov 2023	2	2	2	2	2	2	2	2
06 Nov 2023	2	2	2	2	2	2	2	2
07 Nov 2023	2	2	2	2	2	2	2	2
08 Nov 2023	2	2	2	2	2	2	2	2
09 Nov 2023	2	2	2	2	2	2	2	2
10 Nov 2023	2	2	2	2	2	2	2	2
11 Nov 2023	2	2	2	2	2	2	2	2
12 Nov 2023	2	2	2	2	2	2	2	2
13 Nov 2023	2	2	2	2	2	2	2	2
14 Nov 2023	2	2	2	2	2	2	2	2
15 Nov 2023	2	2	2	2	2	2	2	2
16 Nov 2023	2	2	2	2	2	2	2	2
17 Nov 2023	2	2	2	2	2	2	2	2
18 Nov 2023	2	2	2	2	2	2	2	2
19 Nov 2023	2	2	2	2	2	2	2	2
20 Nov 2023	2	2	2	2	2	2	2	2
21 Nov 2023	2	2	2	2	2	2	2	2
22 Nov 2023	2	2	2	2	2	2	2	2
23 Nov 2023	2	2	2	2	2	2	2	2
24 Nov 2023	2	2	2	2	2	2	2	2
25 Nov 2023	2	2	2	2	2	2	2	2
26 Nov 2023	2	2	2	2	2	2	2	2
27 Nov 2023	2	2	2	2	2	2	2	2
28 Nov 2023	2	2	2	2	2	3	2	2
29 Nov 2023	2	2	2	2	2	3	2	2
30 Nov 2023	2	2	2	2	2	3	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
06 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
13 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
21 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
28 Nov 2023	IC	IC	IC	IC	IC	IC	IC	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
06 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
13 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
21 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
28 Nov 2023	IC	IC	IC	IC	IC	IC	IC	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
06 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
13 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
21 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
28 Nov 2023	IC	IC	IC	IC	IC	IC	IC	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
06 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
13 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
21 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC
28 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance
E = Exceedance
ns = not sampled
ND = no data

Table 3.8

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

Station	Date	Time	Depth	Total	Fecal	Entero	F:T	Temp	XMS	DO	Sal	pH
A1	06 Nov 2023	751	1	2e	<2	<2	1.00	15.9	84.83	8.4	33.20	8.1
A1	06 Nov 2023	751	12	<2	<2	<2	1.00	15.8	81.75	7.7	33.21	8.1
A1	06 Nov 2023	751	18	<2	<2	<2	1.00	14.7	83.30	6.9	33.20	8.0
A1	13 Nov 2023	806	1	2e	<2	<2	1.00	16.6	87.64	8.2	33.21	8.1
A1	13 Nov 2023	806	12	2e	<2	<2	1.00	16.0	86.99	8.0	33.20	8.1
A1	13 Nov 2023	806	18	2e	<2	<2	1.00	15.1	88.85	7.4	33.19	8.1
A1	21 Nov 2023	938	1	<2	<2	<2	1.00	17.2	86.45	8.4	33.21	8.1
A1	21 Nov 2023	938	12	2e	<2	<2	1.00	16.6	88.35	8.0	33.18	8.1
A1	21 Nov 2023	938	18	46	2e	<2	0.04	15.7	88.89	7.5	33.18	8.0
A1	28 Nov 2023	753	1	2e	2e	<2	1.00	16.6	82.42	7.7	33.22	8.1
A1	28 Nov 2023	753	12	16e	<2	<2	0.12	16.6	82.93	7.7	33.22	8.1
A1	28 Nov 2023	753	18	100e	16e	<2	0.16	16.4	82.83	7.5	33.22	8.1
A6	06 Nov 2023	823	1	<2	<2	<2	1.00	16.0	58.37	8.6	33.11	8.1
A6	06 Nov 2023	823	12	<2	<2	<2	1.00	15.2	86.44	7.6	33.19	8.1
A6	06 Nov 2023	823	18	<2	<2	<2	1.00	14.7	87.55	7.2	33.19	8.0
A6	13 Nov 2023	830	1	<2	<2	<2	1.00	16.8	86.48	8.5	33.19	8.1
A6	13 Nov 2023	830	12	<20	<2	<2	0.10	16.7	85.26	8.5	33.20	8.1
A6	13 Nov 2023	830	18	22e	<2	<2	0.09	15.7	84.74	7.5	33.20	8.1
A6	21 Nov 2023	812	1	<2	<2	<2	1.00	17.2	84.18	8.3	33.19	8.1
A6	21 Nov 2023	812	12	<2	<2	<2	1.00	16.4	88.69	7.5	33.19	8.0
A6	21 Nov 2023	812	18	8e	<2	<2	0.25	16.2	88.84	7.4	33.18	8.0
A6	28 Nov 2023	818	1	4e	2e	<2	0.50	16.8	88.14	8.0	33.24	8.1
A6	28 Nov 2023	818	12	22e	6e	<2	0.27	16.7	88.11	7.9	33.23	8.1
A6	28 Nov 2023	818	18	220e	44	4e	0.20	15.6	85.92	7.4	33.20	8.1
A7	06 Nov 2023	804	1	<2	<2	<2	1.00	16.1	84.33	8.2	33.20	8.1
A7	06 Nov 2023	804	12	<2	<2	<2	1.00	15.8	85.10	7.5	33.19	8.1
A7	06 Nov 2023	804	18	2e	2e	<2	1.00	14.7	86.44	7.0	33.20	8.0
A7	13 Nov 2023	817	1	2e	<2	<2	1.00	17.0	87.21	8.3	33.22	8.1
A7	13 Nov 2023	817	12	<2	<2	<2	1.00	16.3	86.74	8.0	33.19	8.1
A7	13 Nov 2023	817	18	6e	<2	<2	0.33	13.9	90.36	7.0	33.21	8.0
A7	21 Nov 2023	758	1	<2	<2	<2	1.00	17.3	87.53	8.2	33.22	8.1
A7	21 Nov 2023	758	12	<2	<2	<2	1.00	17.1	86.52	8.3	33.20	8.1
A7	21 Nov 2023	758	18	2e	<2	<2	1.00	16.1	88.58	7.6	33.18	8.1
A7	28 Nov 2023	805	1	<2	<2	<2	1.00	16.7	85.91	7.8	33.23	8.1
A7	28 Nov 2023	805	12	<20	<2	<2	0.10	16.6	83.16	7.6	33.22	8.1
A7	28 Nov 2023	805	18	580	120	10e	0.21	16.1	81.77	7.2	33.23	8.0
C4	06 Nov 2023	934	1	2e	2e	<2	1.00	16.1	61.65	7.7	33.21	8.0
C4	06 Nov 2023	934	3	<2	<2	<2	1.00	16.0	72.28	7.6	33.22	8.1
C4	06 Nov 2023	934	9	2e	<2	2e	1.00	15.6	79.89	7.1	33.19	8.0

Station	Date	Time	Depth	Total	Fecal	Entero	F:T	Temp	XMS	DO	Sal	pH
C4	13 Nov 2023	943	1	<2	<2	<2	1.00	16.1	86.80	7.8	33.21	8.1
C4	13 Nov 2023	943	3	<2	<2	<2	1.00	16.1	86.74	7.8	33.20	8.1
C4	13 Nov 2023	943	9	2e	<2	<2	1.00	15.1	86.24	6.8	33.21	8.0
C4	21 Nov 2023	924	1	2e	<2	<2	1.00	17.1	81.01	7.9	33.21	8.1
C4	21 Nov 2023	924	3	<2	2e	<2	1.00	17.0	80.53	7.8	33.21	8.1
C4	21 Nov 2023	924	9	<2	<2	<2	1.00	17.0	81.72	7.7	33.21	8.1
C4	28 Nov 2023	922	1	<2	<2	<2	1.00	16.6	76.82	7.8	33.22	8.1
C4	28 Nov 2023	922	3	<2	<2	<2	1.00	16.6	76.15	7.7	33.22	8.1
C4	28 Nov 2023	922	9	<2	<2	<2	1.00	16.6	75.41	7.8	33.22	8.1
C5	06 Nov 2023	924	1	<2	<2	<2	1.00	16.5	68.81	7.4	33.22	8.1
C5	06 Nov 2023	924	3	2e	<2	<2	1.00	16.2	66.99	7.2	33.20	8.1
C5	06 Nov 2023	924	9	<2	<2	<2	1.00	15.6	73.79	6.7	33.19	8.0
C5	13 Nov 2023	932	1	<2	<2	<2	1.00	16.9	87.51	8.4	33.21	8.1
C5	13 Nov 2023	932	3	<2	<2	<2	1.00	16.7	87.25	8.4	33.21	8.1
C5	13 Nov 2023	932	9	6e	2e	<2	0.33	15.4	84.49	7.1	33.19	8.0
C5	21 Nov 2023	916	1	6e	<2	<2	0.33	17.1	75.53	8.2	33.22	8.1
C5	21 Nov 2023	916	3	<2	<2	<2	1.00	17.0	74.02	7.9	33.22	8.1
C5	21 Nov 2023	916	9	<2	<2	<2	1.00	16.3	75.79	7.1	33.19	8.0
C5	28 Nov 2023	913	1	<2	<2	<2	1.00	16.8	85.32	7.8	33.25	8.1
C5	28 Nov 2023	913	3	<2	<2	<2	1.00	16.7	82.64	7.6	33.25	8.1
C5	28 Nov 2023	913	9	<20	2e	2e	0.10	16.4	57.88	7.3	33.25	8.0
C6	06 Nov 2023	917	1	<2	<2	<2	1.00	16.2	77.83	8.0	33.20	8.1
C6	06 Nov 2023	917	3	<2	<2	<2	1.00	16.0	78.22	8.3	33.20	8.1
C6	06 Nov 2023	917	9	<2	<2	<2	1.00	15.3	80.65	7.0	33.20	8.0
C6	13 Nov 2023	920	1	<2	<2	<2	1.00	16.7	86.90	8.2	33.20	8.1
C6	13 Nov 2023	920	3	<2	<2	<2	1.00	16.6	86.54	8.1	33.20	8.1
C6	13 Nov 2023	920	9	6e	<2	<2	0.33	15.4	85.59	7.0	33.21	8.0
C6	21 Nov 2023	904	1	<2	<2	<2	1.00	17.1	80.36	8.1	33.21	8.1
C6	21 Nov 2023	904	3	<2	<2	<2	1.00	17.1	79.52	7.9	33.21	8.1
C6	21 Nov 2023	904	9	2e	<2	<2	1.00	16.4	74.20	6.3	33.19	8.0
C6	28 Nov 2023	901	1	<2	<2	<2	1.00	16.8	88.41	7.9	33.24	8.1
C6	28 Nov 2023	901	3	<2	<2	28e	1.00	16.8	87.32	7.9	33.24	8.1
C6	28 Nov 2023	901	9	<2	<2	<2	1.00	16.6	78.79	7.1	33.23	8.0
C7	06 Nov 2023	834	1	<2	<2	<2	1.00	16.1	82.89	8.4	33.19	8.1
C7	06 Nov 2023	834	12	<2	<2	<2	1.00	15.4	86.98	7.7	33.20	8.1
C7	06 Nov 2023	834	18	<2	<2	<2	1.00	14.9	83.75	6.6	33.21	8.0
C7	13 Nov 2023	846	1	<2	<2	<2	1.00	16.7	83.73	8.4	33.19	8.1
C7	13 Nov 2023	846	12	<2	<2	<2	1.00	16.5	83.50	8.2	33.19	8.1
C7	13 Nov 2023	846	18	14e	<2	<2	0.14	14.5	88.73	6.8	33.22	8.0
C7	21 Nov 2023	831	1	2e	<2	<2	1.00	17.1	79.07	8.5	33.16	8.1
C7	21 Nov 2023	831	12	<2	<2	<2	1.00	16.7	83.06	7.8	33.18	8.1
C7	21 Nov 2023	831	18	<2	<2	<2	1.00	16.1	85.67	7.2	33.18	8.0
C7	28 Nov 2023	831	1	6e	<2	<2	0.33	16.8	84.61	8.0	33.23	8.1
C7	28 Nov 2023	831	12	6e	<2	<2	0.33	16.6	84.87	7.5	33.21	8.1
C7	28 Nov 2023	831	18	66	12e	6e	0.18	16.1	84.93	7.5	33.21	8.1

Station	Date	Time	Depth	Total	Fecal	Entero	F:T	Temp	XMS	DO	Sal	pH
C8	06 Nov 2023	846	1	2e	<2	<2	1.00	16.2	78.25	8.6	33.16	8.1
C8	06 Nov 2023	846	12	2e	<2	<2	1.00	15.2	85.77	7.4	33.20	8.1
C8	06 Nov 2023	846	18	2e	<2	<2	1.00	14.9	86.55	7.0	33.20	8.0
C8	13 Nov 2023	900	1	20e	<2	<2	0.10	16.6	82.25	8.3	33.17	8.1
C8	13 Nov 2023	900	12	2e	<2	<2	1.00	16.3	85.93	8.2	33.18	8.1
C8	13 Nov 2023	900	18	2e	<2	<2	1.00	14.7	88.38	6.7	33.22	8.0
C8	21 Nov 2023	841	1	2e	<2	2e	1.00	17.1	76.58	8.2	33.16	8.1
C8	21 Nov 2023	841	12	<2	<2	<2	1.00	16.6	84.11	7.7	33.17	8.1
C8	21 Nov 2023	841	18	<2	<2	<2	1.00	16.1	82.98	7.4	33.18	8.0
C8	28 Nov 2023	842	1	2e	<2	<2	1.00	16.7	84.76	8.0	33.22	8.1
C8	28 Nov 2023	842	12	4e	<2	2e	0.50	16.6	85.28	7.8	33.22	8.1
C8	28 Nov 2023	842	18	8e	<2	<2	0.25	16.5	87.22	7.5	33.21	8.1

ns = not sampled
ND = no data

Table 3.9

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

Station	Date	Parameter	Value
A1	06 Nov 2023	Depth (m)	18
A1	06 Nov 2023	Arrive Time	751
A1	06 Nov 2023	Depart Time	800
A1	06 Nov 2023	Air Temp (C)	14.8
A1	06 Nov 2023	Weather	Fog
A1	06 Nov 2023	Visibility (mi)	2
A1	06 Nov 2023	Wind Speed (kts)	0.1
A1	06 Nov 2023	Wind Dir	S
A1	06 Nov 2023	Water Color	Blueish-Green
A1	06 Nov 2023	Wave Ht Low (ft)	3.3
A1	06 Nov 2023	Wave Period (sec)	13
A1	06 Nov 2023	Sea State	Calm
A1	06 Nov 2023	High Tide (ft)	4.14
A1	06 Nov 2023	High Tide Time	536
A1	06 Nov 2023	Low Tide (ft)	0.71
A1	06 Nov 2023	Low Tide Time	2300
A1	06 Nov 2023	Comments	none
A1	13 Nov 2023	Depth (m)	19
A1	13 Nov 2023	Arrive Time	755
A1	13 Nov 2023	Depart Time	806
A1	13 Nov 2023	Air Temp (C)	18.1
A1	13 Nov 2023	Weather	Clear
A1	13 Nov 2023	Visibility (mi)	9
A1	13 Nov 2023	Wind Speed (kts)	2.9
A1	13 Nov 2023	Wind Dir	E
A1	13 Nov 2023	Water Color	Greenish-Blue
A1	13 Nov 2023	Wave Ht Low (ft)	4
A1	13 Nov 2023	Wave Period (sec)	15
A1	13 Nov 2023	Sea State	Calm
A1	13 Nov 2023	High Tide (ft)	6.11
A1	13 Nov 2023	High Tide Time	800
A1	13 Nov 2023	Low Tide (ft)	-0.51
A1	13 Nov 2023	Low Tide Time	1506
A1	13 Nov 2023	Comments	none
A1	21 Nov 2023	Depth (m)	17
A1	21 Nov 2023	Arrive Time	938
A1	21 Nov 2023	Depart Time	944
A1	21 Nov 2023	Air Temp (C)	17.7
A1	21 Nov 2023	Weather	Clear
A1	21 Nov 2023	Visibility (mi)	10
A1	21 Nov 2023	Wind Speed (kts)	0.9
A1	21 Nov 2023	Wind Dir	NW
A1	21 Nov 2023	Water Color	Blueish-Green
A1	21 Nov 2023	Wave Ht Low (ft)	3
A1	21 Nov 2023	Wave Period (sec)	13
A1	21 Nov 2023	Sea State	Regular Swell
A1	21 Nov 2023	High Tide (ft)	4.48
A1	21 Nov 2023	High Tide Time	442
A1	21 Nov 2023	Low Tide (ft)	0.28
A1	21 Nov 2023	Low Tide Time	2236
A1	21 Nov 2023	Comments	A1 needed to be re-surveyed due to CTD issues. This is the instance that was kept. ; Kelp; Lobster Floats
A1	28 Nov 2023	Depth (m)	19

Station	Date	Parameter	Value
A1	28 Nov 2023	Arrive Time	753
A1	28 Nov 2023	Depart Time	758
A1	28 Nov 2023	Air Temp (C)	16.4
A1	28 Nov 2023	Weather	Partly Cloudy
A1	28 Nov 2023	Visibility (mi)	10
A1	28 Nov 2023	Wind Speed (kts)	3.8
A1	28 Nov 2023	Wind Dir	E
A1	28 Nov 2023	Water Color	Greenish-Blue
A1	28 Nov 2023	Wave Ht Low (ft)	4
A1	28 Nov 2023	Wave Period (sec)	14
A1	28 Nov 2023	Sea State	Light Chop
A1	28 Nov 2023	High Tide (ft)	6.4
A1	28 Nov 2023	High Tide Time	836
A1	28 Nov 2023	Low Tide (ft)	-0.98
A1	28 Nov 2023	Low Tide Time	1600
A1	28 Nov 2023	Comments	Kelp; Lobster Floats
A6	06 Nov 2023	Depth (m)	18
A6	06 Nov 2023	Arrive Time	823
A6	06 Nov 2023	Depart Time	834
A6	06 Nov 2023	Air Temp (C)	15.6
A6	06 Nov 2023	Weather	Fog
A6	06 Nov 2023	Visibility (mi)	2
A6	06 Nov 2023	Wind Speed (kts)	3.6
A6	06 Nov 2023	Wind Dir	N
A6	06 Nov 2023	Water Color	Blueish-Green
A6	06 Nov 2023	Wave Ht Low (ft)	3.3
A6	06 Nov 2023	Wave Period (sec)	13
A6	06 Nov 2023	Sea State	Calm
A6	06 Nov 2023	High Tide (ft)	4.14
A6	06 Nov 2023	High Tide Time	536
A6	06 Nov 2023	Low Tide (ft)	0.71
A6	06 Nov 2023	Low Tide Time	2300
A6	06 Nov 2023	Comments	none
A6	13 Nov 2023	Depth (m)	18
A6	13 Nov 2023	Arrive Time	825
A6	13 Nov 2023	Depart Time	830
A6	13 Nov 2023	Air Temp (C)	16.6
A6	13 Nov 2023	Weather	Clear
A6	13 Nov 2023	Visibility (mi)	9
A6	13 Nov 2023	Wind Speed (kts)	11.2
A6	13 Nov 2023	Wind Dir	N
A6	13 Nov 2023	Water Color	Greenish-Blue
A6	13 Nov 2023	Wave Ht Low (ft)	4
A6	13 Nov 2023	Wave Period (sec)	15
A6	13 Nov 2023	Sea State	Calm
A6	13 Nov 2023	High Tide (ft)	6.11
A6	13 Nov 2023	High Tide Time	800
A6	13 Nov 2023	Low Tide (ft)	-0.51
A6	13 Nov 2023	Low Tide Time	1506
A6	13 Nov 2023	Comments	none
A6	21 Nov 2023	Depth (m)	18
A6	21 Nov 2023	Arrive Time	812
A6	21 Nov 2023	Depart Time	824
A6	21 Nov 2023	Air Temp (C)	17.7
A6	21 Nov 2023	Weather	Clear
A6	21 Nov 2023	Visibility (mi)	10
A6	21 Nov 2023	Wind Speed (kts)	3.6
A6	21 Nov 2023	Wind Dir	N

Station	Date	Parameter	Value
A6	21 Nov 2023	Water Color	Blueish-Green
A6	21 Nov 2023	Wave Ht Low (ft)	3
A6	21 Nov 2023	Wave Period (sec)	13
A6	21 Nov 2023	Sea State	Regular Swell
A6	21 Nov 2023	High Tide (ft)	4.48
A6	21 Nov 2023	High Tide Time	442
A6	21 Nov 2023	Low Tide (ft)	0.28
A6	21 Nov 2023	Low Tide Time	2236
A6	21 Nov 2023	Comments	Lobster Floats
A6	28 Nov 2023	Depth (m)	18
A6	28 Nov 2023	Arrive Time	818
A6	28 Nov 2023	Depart Time	821
A6	28 Nov 2023	Air Temp (C)	16.6
A6	28 Nov 2023	Weather	Partly Cloudy
A6	28 Nov 2023	Visibility (mi)	10
A6	28 Nov 2023	Wind Speed (kts)	1.2
A6	28 Nov 2023	Wind Dir	NE
A6	28 Nov 2023	Water Color	Green
A6	28 Nov 2023	Wave Ht Low (ft)	4
A6	28 Nov 2023	Wave Period (sec)	14
A6	28 Nov 2023	Sea State	Light Chop
A6	28 Nov 2023	High Tide (ft)	6.4
A6	28 Nov 2023	High Tide Time	836
A6	28 Nov 2023	Low Tide (ft)	-0.98
A6	28 Nov 2023	Low Tide Time	1600
A6	28 Nov 2023	Comments	Lobster Floats
A7	06 Nov 2023	Depth (m)	21
A7	06 Nov 2023	Arrive Time	804
A7	06 Nov 2023	Depart Time	812
A7	06 Nov 2023	Air Temp (C)	15.6
A7	06 Nov 2023	Weather	Fog
A7	06 Nov 2023	Visibility (mi)	2
A7	06 Nov 2023	Wind Speed (kts)	4.4
A7	06 Nov 2023	Wind Dir	N
A7	06 Nov 2023	Water Color	Blueish-Green
A7	06 Nov 2023	Wave Ht Low (ft)	3.3
A7	06 Nov 2023	Wave Period (sec)	13
A7	06 Nov 2023	Sea State	Calm
A7	06 Nov 2023	High Tide (ft)	4.14
A7	06 Nov 2023	High Tide Time	536
A7	06 Nov 2023	Low Tide (ft)	0.71
A7	06 Nov 2023	Low Tide Time	2300
A7	06 Nov 2023	Comments	none
A7	13 Nov 2023	Depth (m)	18
A7	13 Nov 2023	Arrive Time	812
A7	13 Nov 2023	Depart Time	817
A7	13 Nov 2023	Air Temp (C)	16.3
A7	13 Nov 2023	Weather	Clear
A7	13 Nov 2023	Visibility (mi)	9
A7	13 Nov 2023	Wind Speed (kts)	10.1
A7	13 Nov 2023	Wind Dir	NW
A7	13 Nov 2023	Water Color	Greenish-Blue
A7	13 Nov 2023	Wave Ht Low (ft)	4
A7	13 Nov 2023	Wave Period (sec)	15
A7	13 Nov 2023	Sea State	Calm
A7	13 Nov 2023	High Tide (ft)	6.11
A7	13 Nov 2023	High Tide Time	800
A7	13 Nov 2023	Low Tide (ft)	-0.51

Station	Date	Parameter	Value
A7	13 Nov 2023	Low Tide Time	1506
A7	13 Nov 2023	Comments	none
A7	21 Nov 2023	Depth (m)	19
A7	21 Nov 2023	Arrive Time	758
A7	21 Nov 2023	Depart Time	805
A7	21 Nov 2023	Air Temp (C)	17.6
A7	21 Nov 2023	Weather	Clear
A7	21 Nov 2023	Visibility (mi)	10
A7	21 Nov 2023	Wind Speed (kts)	2.1
A7	21 Nov 2023	Wind Dir	SE
A7	21 Nov 2023	Water Color	Blueish-Green
A7	21 Nov 2023	Wave Ht Low (ft)	3
A7	21 Nov 2023	Wave Period (sec)	13
A7	21 Nov 2023	Sea State	Regular Swell
A7	21 Nov 2023	High Tide (ft)	4.48
A7	21 Nov 2023	High Tide Time	442
A7	21 Nov 2023	Low Tide (ft)	0.28
A7	21 Nov 2023	Low Tide Time	2236
A7	21 Nov 2023	Comments	Lobster Floats
A7	28 Nov 2023	Depth (m)	20
A7	28 Nov 2023	Arrive Time	805
A7	28 Nov 2023	Depart Time	810
A7	28 Nov 2023	Air Temp (C)	16.1
A7	28 Nov 2023	Weather	Partly Cloudy
A7	28 Nov 2023	Visibility (mi)	10
A7	28 Nov 2023	Wind Speed (kts)	2.6
A7	28 Nov 2023	Wind Dir	NE
A7	28 Nov 2023	Water Color	Green
A7	28 Nov 2023	Wave Ht Low (ft)	4
A7	28 Nov 2023	Wave Period (sec)	14
A7	28 Nov 2023	Sea State	Light Chop
A7	28 Nov 2023	High Tide (ft)	6.4
A7	28 Nov 2023	High Tide Time	836
A7	28 Nov 2023	Low Tide (ft)	-0.98
A7	28 Nov 2023	Low Tide Time	1600
A7	28 Nov 2023	Comments	Kelp Debris; Lobster Floats
C4	06 Nov 2023	Depth (m)	12
C4	06 Nov 2023	Arrive Time	934
C4	06 Nov 2023	Depart Time	938
C4	06 Nov 2023	Air Temp (C)	16.8
C4	06 Nov 2023	Weather	Clear
C4	06 Nov 2023	Visibility (mi)	10
C4	06 Nov 2023	Wind Speed (kts)	2.6
C4	06 Nov 2023	Wind Dir	N
C4	06 Nov 2023	Water Color	Blue
C4	06 Nov 2023	Wave Ht Low (ft)	3.3
C4	06 Nov 2023	Wave Period (sec)	13
C4	06 Nov 2023	Sea State	Calm
C4	06 Nov 2023	High Tide (ft)	4.14
C4	06 Nov 2023	High Tide Time	536
C4	06 Nov 2023	Low Tide (ft)	0.71
C4	06 Nov 2023	Low Tide Time	2300
C4	06 Nov 2023	Comments	none
C4	13 Nov 2023	Depth (m)	11
C4	13 Nov 2023	Arrive Time	939
C4	13 Nov 2023	Depart Time	943
C4	13 Nov 2023	Air Temp (C)	18

Station	Date	Parameter	Value
C4	13 Nov 2023	Weather	Clear
C4	13 Nov 2023	Visibility (mi)	9
C4	13 Nov 2023	Wind Speed (kts)	8.2
C4	13 Nov 2023	Wind Dir	S
C4	13 Nov 2023	Water Color	Greenish-Blue
C4	13 Nov 2023	Wave Ht Low (ft)	4
C4	13 Nov 2023	Wave Period (sec)	15
C4	13 Nov 2023	Sea State	Calm
C4	13 Nov 2023	High Tide (ft)	6.11
C4	13 Nov 2023	High Tide Time	800
C4	13 Nov 2023	Low Tide (ft)	-0.51
C4	13 Nov 2023	Low Tide Time	1506
C4	13 Nov 2023	Comments	none
C4	21 Nov 2023	Depth (m)	11
C4	21 Nov 2023	Arrive Time	926
C4	21 Nov 2023	Depart Time	932
C4	21 Nov 2023	Air Temp (C)	17.7
C4	21 Nov 2023	Weather	Clear
C4	21 Nov 2023	Visibility (mi)	10
C4	21 Nov 2023	Wind Speed (kts)	0.3
C4	21 Nov 2023	Wind Dir	SW
C4	21 Nov 2023	Water Color	Green
C4	21 Nov 2023	Wave Ht Low (ft)	3
C4	21 Nov 2023	Wave Period (sec)	13
C4	21 Nov 2023	Sea State	Regular Swell
C4	21 Nov 2023	High Tide (ft)	4.48
C4	21 Nov 2023	High Tide Time	442
C4	21 Nov 2023	Low Tide (ft)	0.28
C4	21 Nov 2023	Low Tide Time	2236
C4	21 Nov 2023	Comments	Kelp; Lobster Floats; Station got deleted during revisit to A1. Re entered at end of day.
C4	28 Nov 2023	Depth (m)	11
C4	28 Nov 2023	Arrive Time	922
C4	28 Nov 2023	Depart Time	927
C4	28 Nov 2023	Air Temp (C)	16.9
C4	28 Nov 2023	Weather	Partly Cloudy
C4	28 Nov 2023	Visibility (mi)	10
C4	28 Nov 2023	Wind Speed (kts)	0
C4	28 Nov 2023	Wind Dir	NW
C4	28 Nov 2023	Water Color	Green
C4	28 Nov 2023	Wave Ht Low (ft)	4
C4	28 Nov 2023	Wave Period (sec)	14
C4	28 Nov 2023	Sea State	Light Chop
C4	28 Nov 2023	High Tide (ft)	6.4
C4	28 Nov 2023	High Tide Time	836
C4	28 Nov 2023	Low Tide (ft)	-0.98
C4	28 Nov 2023	Low Tide Time	1600
C4	28 Nov 2023	Comments	none
C5	06 Nov 2023	Depth (m)	11
C5	06 Nov 2023	Arrive Time	924
C5	06 Nov 2023	Depart Time	928
C5	06 Nov 2023	Air Temp (C)	16.6
C5	06 Nov 2023	Weather	Clear
C5	06 Nov 2023	Visibility (mi)	10
C5	06 Nov 2023	Wind Speed (kts)	4
C5	06 Nov 2023	Wind Dir	NE
C5	06 Nov 2023	Water Color	Blue
C5	06 Nov 2023	Wave Ht Low (ft)	3.3

Station	Date	Parameter	Value
C5	06 Nov 2023	Wave Period (sec)	13
C5	06 Nov 2023	Sea State	Calm
C5	06 Nov 2023	High Tide (ft)	4.14
C5	06 Nov 2023	High Tide Time	536
C5	06 Nov 2023	Low Tide (ft)	0.71
C5	06 Nov 2023	Low Tide Time	2300
C5	06 Nov 2023	Comments	none
C5	13 Nov 2023	Depth (m)	10
C5	13 Nov 2023	Arrive Time	927
C5	13 Nov 2023	Depart Time	932
C5	13 Nov 2023	Air Temp (C)	17.4
C5	13 Nov 2023	Weather	Clear
C5	13 Nov 2023	Visibility (mi)	9
C5	13 Nov 2023	Wind Speed (kts)	5.8
C5	13 Nov 2023	Wind Dir	W
C5	13 Nov 2023	Water Color	Greenish-Blue
C5	13 Nov 2023	Wave Ht Low (ft)	4
C5	13 Nov 2023	Wave Period (sec)	15
C5	13 Nov 2023	Sea State	Calm
C5	13 Nov 2023	High Tide (ft)	6.11
C5	13 Nov 2023	High Tide Time	800
C5	13 Nov 2023	Low Tide (ft)	-0.51
C5	13 Nov 2023	Low Tide Time	1506
C5	13 Nov 2023	Comments	none
C5	21 Nov 2023	Depth (m)	9
C5	21 Nov 2023	Arrive Time	916
C5	21 Nov 2023	Depart Time	920
C5	21 Nov 2023	Air Temp (C)	17.7
C5	21 Nov 2023	Weather	Clear
C5	21 Nov 2023	Visibility (mi)	10
C5	21 Nov 2023	Wind Speed (kts)	1.5
C5	21 Nov 2023	Wind Dir	SW
C5	21 Nov 2023	Water Color	Green
C5	21 Nov 2023	Wave Ht Low (ft)	3
C5	21 Nov 2023	Wave Period (sec)	13
C5	21 Nov 2023	Sea State	Regular Swell
C5	21 Nov 2023	High Tide (ft)	4.48
C5	21 Nov 2023	High Tide Time	442
C5	21 Nov 2023	Low Tide (ft)	0.28
C5	21 Nov 2023	Low Tide Time	2236
C5	21 Nov 2023	Comments	Kelp Debris; Lobster Floats
C5	28 Nov 2023	Depth (m)	11
C5	28 Nov 2023	Arrive Time	913
C5	28 Nov 2023	Depart Time	916
C5	28 Nov 2023	Air Temp (C)	16.9
C5	28 Nov 2023	Weather	Partly Cloudy
C5	28 Nov 2023	Visibility (mi)	10
C5	28 Nov 2023	Wind Speed (kts)	1.2
C5	28 Nov 2023	Wind Dir	W
C5	28 Nov 2023	Water Color	Green
C5	28 Nov 2023	Wave Ht Low (ft)	4
C5	28 Nov 2023	Wave Period (sec)	14
C5	28 Nov 2023	Sea State	Light Chop
C5	28 Nov 2023	High Tide (ft)	6.4
C5	28 Nov 2023	High Tide Time	836
C5	28 Nov 2023	Low Tide (ft)	-0.98
C5	28 Nov 2023	Low Tide Time	1600
C5	28 Nov 2023	Comments	Kelp Debris; Seagrass; Lobster Floats

Station	Date	Parameter	Value
C6	06 Nov 2023	Depth (m)	9
C6	06 Nov 2023	Arrive Time	917
C6	06 Nov 2023	Depart Time	923
C6	06 Nov 2023	Air Temp (C)	16.3
C6	06 Nov 2023	Weather	Clear
C6	06 Nov 2023	Visibility (mi)	10
C6	06 Nov 2023	Wind Speed (kts)	2.5
C6	06 Nov 2023	Wind Dir	NE
C6	06 Nov 2023	Water Color	Blue
C6	06 Nov 2023	Wave Ht Low (ft)	3.3
C6	06 Nov 2023	Wave Period (sec)	13
C6	06 Nov 2023	Sea State	Calm
C6	06 Nov 2023	High Tide (ft)	4.14
C6	06 Nov 2023	High Tide Time	536
C6	06 Nov 2023	Low Tide (ft)	0.71
C6	06 Nov 2023	Low Tide Time	2300
C6	06 Nov 2023	Comments	none
C6	13 Nov 2023	Depth (m)	11
C6	13 Nov 2023	Arrive Time	916
C6	13 Nov 2023	Depart Time	920
C6	13 Nov 2023	Air Temp (C)	17.5
C6	13 Nov 2023	Weather	Clear
C6	13 Nov 2023	Visibility (mi)	9
C6	13 Nov 2023	Wind Speed (kts)	1.7
C6	13 Nov 2023	Wind Dir	NE
C6	13 Nov 2023	Water Color	Greenish-Blue
C6	13 Nov 2023	Wave Ht Low (ft)	4
C6	13 Nov 2023	Wave Period (sec)	15
C6	13 Nov 2023	Sea State	Calm
C6	13 Nov 2023	High Tide (ft)	6.11
C6	13 Nov 2023	High Tide Time	800
C6	13 Nov 2023	Low Tide (ft)	-0.51
C6	13 Nov 2023	Low Tide Time	1506
C6	13 Nov 2023	Comments	none
C6	21 Nov 2023	Depth (m)	9
C6	21 Nov 2023	Arrive Time	904
C6	21 Nov 2023	Depart Time	910
C6	21 Nov 2023	Air Temp (C)	18
C6	21 Nov 2023	Weather	Clear
C6	21 Nov 2023	Visibility (mi)	10
C6	21 Nov 2023	Wind Speed (kts)	1.7
C6	21 Nov 2023	Wind Dir	SW
C6	21 Nov 2023	Water Color	Green
C6	21 Nov 2023	Wave Ht Low (ft)	3
C6	21 Nov 2023	Wave Period (sec)	13
C6	21 Nov 2023	Sea State	Regular Swell
C6	21 Nov 2023	High Tide (ft)	4.48
C6	21 Nov 2023	High Tide Time	442
C6	21 Nov 2023	Low Tide (ft)	0.28
C6	21 Nov 2023	Low Tide Time	2236
C6	21 Nov 2023	Comments	Kelp; Kelp Debris; Lobster Floats
C6	28 Nov 2023	Depth (m)	10
C6	28 Nov 2023	Arrive Time	901
C6	28 Nov 2023	Depart Time	906
C6	28 Nov 2023	Air Temp (C)	17.1
C6	28 Nov 2023	Weather	Partly Cloudy
C6	28 Nov 2023	Visibility (mi)	10

Station	Date	Parameter	Value
C6	28 Nov 2023	Wind Speed (kts)	2.9
C6	28 Nov 2023	Wind Dir	NW
C6	28 Nov 2023	Water Color	Green
C6	28 Nov 2023	Wave Ht Low (ft)	4
C6	28 Nov 2023	Wave Period (sec)	14
C6	28 Nov 2023	Sea State	Light Chop
C6	28 Nov 2023	High Tide (ft)	6.4
C6	28 Nov 2023	High Tide Time	836
C6	28 Nov 2023	Low Tide (ft)	-0.98
C6	28 Nov 2023	Low Tide Time	1600
C6	28 Nov 2023	Comments	Kelp Debris; Seagrass; Lobster Floats
C7	06 Nov 2023	Depth (m)	18
C7	06 Nov 2023	Arrive Time	834
C7	06 Nov 2023	Depart Time	839
C7	06 Nov 2023	Air Temp (C)	15.4
C7	06 Nov 2023	Weather	Fog
C7	06 Nov 2023	Visibility (mi)	2
C7	06 Nov 2023	Wind Speed (kts)	7.2
C7	06 Nov 2023	Wind Dir	N
C7	06 Nov 2023	Water Color	Blueish-Green
C7	06 Nov 2023	Wave Ht Low (ft)	3.3
C7	06 Nov 2023	Wave Period (sec)	13
C7	06 Nov 2023	Sea State	Calm
C7	06 Nov 2023	High Tide (ft)	4.14
C7	06 Nov 2023	High Tide Time	536
C7	06 Nov 2023	Low Tide (ft)	0.71
C7	06 Nov 2023	Low Tide Time	2300
C7	06 Nov 2023	Comments	none
C7	13 Nov 2023	Depth (m)	20
C7	13 Nov 2023	Arrive Time	840
C7	13 Nov 2023	Depart Time	846
C7	13 Nov 2023	Air Temp (C)	16.5
C7	13 Nov 2023	Weather	Clear
C7	13 Nov 2023	Visibility (mi)	9
C7	13 Nov 2023	Wind Speed (kts)	8.6
C7	13 Nov 2023	Wind Dir	N
C7	13 Nov 2023	Water Color	Greenish-Blue
C7	13 Nov 2023	Wave Ht Low (ft)	4
C7	13 Nov 2023	Wave Period (sec)	15
C7	13 Nov 2023	Sea State	Calm
C7	13 Nov 2023	High Tide (ft)	6.11
C7	13 Nov 2023	High Tide Time	800
C7	13 Nov 2023	Low Tide (ft)	-0.51
C7	13 Nov 2023	Low Tide Time	1506
C7	13 Nov 2023	Comments	none
C7	21 Nov 2023	Depth (m)	18
C7	21 Nov 2023	Arrive Time	831
C7	21 Nov 2023	Depart Time	837
C7	21 Nov 2023	Air Temp (C)	18.3
C7	21 Nov 2023	Weather	Clear
C7	21 Nov 2023	Visibility (mi)	10
C7	21 Nov 2023	Wind Speed (kts)	6.8
C7	21 Nov 2023	Wind Dir	N
C7	21 Nov 2023	Water Color	Blueish-Green
C7	21 Nov 2023	Wave Ht Low (ft)	3
C7	21 Nov 2023	Wave Period (sec)	13
C7	21 Nov 2023	Sea State	Regular Swell
C7	21 Nov 2023	High Tide (ft)	4.48

Station	Date	Parameter	Value
C7	21 Nov 2023	High Tide Time	442
C7	21 Nov 2023	Low Tide (ft)	0.28
C7	21 Nov 2023	Low Tide Time	2236
C7	21 Nov 2023	Comments	Kelp Debris; Lobster Floats
C7	28 Nov 2023	Depth (m)	20
C7	28 Nov 2023	Arrive Time	831
C7	28 Nov 2023	Depart Time	836
C7	28 Nov 2023	Air Temp (C)	16.8
C7	28 Nov 2023	Weather	Partly Cloudy
C7	28 Nov 2023	Visibility (mi)	10
C7	28 Nov 2023	Wind Speed (kts)	2.4
C7	28 Nov 2023	Wind Dir	E
C7	28 Nov 2023	Water Color	Green
C7	28 Nov 2023	Wave Ht Low (ft)	4
C7	28 Nov 2023	Wave Period (sec)	14
C7	28 Nov 2023	Sea State	Light Chop
C7	28 Nov 2023	High Tide (ft)	6.4
C7	28 Nov 2023	High Tide Time	836
C7	28 Nov 2023	Low Tide (ft)	-0.98
C7	28 Nov 2023	Low Tide Time	1600
C7	28 Nov 2023	Comments	none
C8	06 Nov 2023	Depth (m)	19
C8	06 Nov 2023	Arrive Time	846
C8	06 Nov 2023	Depart Time	850
C8	06 Nov 2023	Air Temp (C)	15.2
C8	06 Nov 2023	Weather	Clear
C8	06 Nov 2023	Visibility (mi)	10
C8	06 Nov 2023	Wind Speed (kts)	14.6
C8	06 Nov 2023	Wind Dir	N
C8	06 Nov 2023	Water Color	Blue
C8	06 Nov 2023	Wave Ht Low (ft)	3.3
C8	06 Nov 2023	Wave Period (sec)	13
C8	06 Nov 2023	Sea State	Calm
C8	06 Nov 2023	High Tide (ft)	4.14
C8	06 Nov 2023	High Tide Time	536
C8	06 Nov 2023	Low Tide (ft)	0.71
C8	06 Nov 2023	Low Tide Time	2300
C8	06 Nov 2023	Comments	none
C8	13 Nov 2023	Depth (m)	20
C8	13 Nov 2023	Arrive Time	854
C8	13 Nov 2023	Depart Time	900
C8	13 Nov 2023	Air Temp (C)	16.4
C8	13 Nov 2023	Weather	Clear
C8	13 Nov 2023	Visibility (mi)	9
C8	13 Nov 2023	Wind Speed (kts)	9.1
C8	13 Nov 2023	Wind Dir	N
C8	13 Nov 2023	Water Color	Greenish-Blue
C8	13 Nov 2023	Wave Ht Low (ft)	4
C8	13 Nov 2023	Wave Period (sec)	15
C8	13 Nov 2023	Sea State	Calm
C8	13 Nov 2023	High Tide (ft)	6.11
C8	13 Nov 2023	High Tide Time	800
C8	13 Nov 2023	Low Tide (ft)	-0.51
C8	13 Nov 2023	Low Tide Time	1506
C8	13 Nov 2023	Comments	none
C8	21 Nov 2023	Depth (m)	18
C8	21 Nov 2023	Arrive Time	841

Station	Date	Parameter	Value
C8	21 Nov 2023	Depart Time	849
C8	21 Nov 2023	Air Temp (C)	18
C8	21 Nov 2023	Weather	Clear
C8	21 Nov 2023	Visibility (mi)	10
C8	21 Nov 2023	Wind Speed (kts)	1.1
C8	21 Nov 2023	Wind Dir	W
C8	21 Nov 2023	Water Color	Green
C8	21 Nov 2023	Wave Ht Low (ft)	3
C8	21 Nov 2023	Wave Period (sec)	13
C8	21 Nov 2023	Sea State	Regular Swell
C8	21 Nov 2023	High Tide (ft)	4.48
C8	21 Nov 2023	High Tide Time	442
C8	21 Nov 2023	Low Tide (ft)	0.28
C8	21 Nov 2023	Low Tide Time	2236
C8	21 Nov 2023	Comments	Lobster Floats
C8	28 Nov 2023	Depth (m)	20
C8	28 Nov 2023	Arrive Time	842
C8	28 Nov 2023	Depart Time	847
C8	28 Nov 2023	Air Temp (C)	16.1
C8	28 Nov 2023	Weather	Partly Cloudy
C8	28 Nov 2023	Visibility (mi)	10
C8	28 Nov 2023	Wind Speed (kts)	0.6
C8	28 Nov 2023	Wind Dir	NE
C8	28 Nov 2023	Water Color	Green
C8	28 Nov 2023	Wave Ht Low (ft)	4
C8	28 Nov 2023	Wave Period (sec)	14
C8	28 Nov 2023	Sea State	Light Chop
C8	28 Nov 2023	High Tide (ft)	6.4
C8	28 Nov 2023	High Tide Time	836
C8	28 Nov 2023	Low Tide (ft)	-0.98
C8	28 Nov 2023	Low Tide Time	1600
C8	28 Nov 2023	Comments	Kelp Debris; Lobster Floats

Table 3.10

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

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
A1	06 Nov 2023	1	15.91	84.83	8.4	33.20	8.1	24.4	1.53
A1	06 Nov 2023	2	15.91	84.50	8.3	33.21	8.1	24.4	1.59
A1	06 Nov 2023	3	15.91	84.34	8.1	33.21	8.1	24.4	2.00
A1	06 Nov 2023	4	15.90	83.56	8.0	33.21	8.1	24.4	2.44
A1	06 Nov 2023	5	15.89	82.43	8.0	33.21	8.1	24.4	2.64
A1	06 Nov 2023	6	15.89	81.83	8.0	33.21	8.1	24.4	2.65
A1	06 Nov 2023	7	15.89	81.72	8.0	33.21	8.1	24.4	2.59
A1	06 Nov 2023	8	15.89	81.58	7.9	33.21	8.1	24.4	2.76
A1	06 Nov 2023	9	15.88	81.55	7.9	33.21	8.1	24.4	2.82
A1	06 Nov 2023	10	15.88	81.53	7.9	33.21	8.1	24.4	2.79
A1	06 Nov 2023	11	15.85	81.61	7.8	33.21	8.1	24.4	2.75
A1	06 Nov 2023	12	15.78	81.75	7.7	33.21	8.1	24.4	2.41
A1	06 Nov 2023	13	15.52	82.19	7.6	33.20	8.1	24.5	1.95
A1	06 Nov 2023	14	15.38	83.58	7.4	33.20	8.1	24.5	1.41
A1	06 Nov 2023	15	15.32	84.71	7.3	33.19	8.0	24.5	1.13
A1	06 Nov 2023	16	15.21	85.00	7.2	33.19	8.0	24.5	0.92
A1	06 Nov 2023	17	14.96	84.78	7.0	33.19	8.0	24.6	0.75
A1	06 Nov 2023	18	14.70	83.30	6.9	33.20	8.0	24.6	0.61
A1	13 Nov 2023	1	16.55	87.64	8.2	33.21	8.1	24.2	1.15
A1	13 Nov 2023	2	16.55	87.48	8.2	33.21	8.1	24.2	1.13
A1	13 Nov 2023	3	16.56	87.42	8.2	33.21	8.1	24.2	1.15
A1	13 Nov 2023	4	16.55	87.55	8.2	33.21	8.1	24.2	1.26
A1	13 Nov 2023	5	16.56	87.49	8.2	33.21	8.1	24.2	1.47
A1	13 Nov 2023	6	16.54	87.40	8.2	33.21	8.1	24.2	1.54
A1	13 Nov 2023	7	16.55	87.41	8.2	33.21	8.1	24.2	1.67
A1	13 Nov 2023	8	16.41	87.37	8.1	33.21	8.1	24.3	1.76
A1	13 Nov 2023	9	16.37	87.19	8.1	33.21	8.1	24.3	1.92
A1	13 Nov 2023	10	16.31	86.93	8.1	33.21	8.1	24.3	2.47
A1	13 Nov 2023	11	16.21	86.87	8.0	33.20	8.1	24.3	2.24
A1	13 Nov 2023	12	16.01	86.99	8.0	33.20	8.1	24.4	1.89
A1	13 Nov 2023	13	15.90	87.34	7.9	33.20	8.1	24.4	1.79
A1	13 Nov 2023	14	15.79	87.55	7.8	33.19	8.1	24.4	1.93
A1	13 Nov 2023	15	15.57	87.81	7.8	33.20	8.1	24.5	1.68
A1	13 Nov 2023	16	15.51	88.15	7.7	33.20	8.1	24.5	1.49
A1	13 Nov 2023	17	15.39	88.64	7.6	33.19	8.1	24.5	1.43
A1	13 Nov 2023	18	15.05	88.85	7.4	33.19	8.1	24.6	1.24
A1	13 Nov 2023	19	14.68	89.13	7.3	33.19	8.0	24.6	1.21
A1	13 Nov 2023	20	14.18	89.51	7.1	33.20	8.0	24.8	1.12
A1	21 Nov 2023	1	17.18	86.45	8.4	33.21	8.1	24.1	1.07
A1	21 Nov 2023	2	17.18	86.39	8.4	33.21	8.1	24.1	1.07
A1	21 Nov 2023	3	17.16	86.47	8.4	33.21	8.1	24.1	1.10
A1	21 Nov 2023	4	17.10	86.38	8.3	33.20	8.1	24.1	1.19
A1	21 Nov 2023	5	17.10	86.38	8.3	33.20	8.1	24.1	1.29
A1	21 Nov 2023	6	17.10	86.58	8.3	33.20	8.1	24.1	1.37
A1	21 Nov 2023	7	16.97	86.75	8.3	33.20	8.1	24.1	1.42
A1	21 Nov 2023	8	16.88	87.12	8.2	33.19	8.1	24.2	1.28
A1	21 Nov 2023	9	16.80	87.55	8.2	33.19	8.1	24.2	1.17
A1	21 Nov 2023	10	16.74	88.07	8.2	33.18	8.1	24.2	1.10
A1	21 Nov 2023	11	16.70	88.24	8.2	33.18	8.1	24.2	1.03
A1	21 Nov 2023	12	16.62	88.35	8.0	33.18	8.1	24.2	0.88
A1	21 Nov 2023	13	16.37	88.79	7.9	33.18	8.1	24.3	0.74
A1	21 Nov 2023	14	16.29	89.32	7.8	33.17	8.1	24.3	0.63
A1	21 Nov 2023	15	15.88	89.26	7.6	33.18	8.1	24.4	0.48
A1	21 Nov 2023	16	15.72	89.15	7.5	33.18	8.1	24.4	0.43

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
A1	21 Nov 2023	17	15.70	89.04	7.5	33.18	8.0	24.4	0.40
A1	21 Nov 2023	18	15.68	88.89	7.5	33.18	8.0	24.4	0.38
A1	28 Nov 2023	1	16.56	82.42	7.7	33.22	8.1	24.3	1.09
A1	28 Nov 2023	2	16.56	82.21	7.7	33.22	8.1	24.3	1.11
A1	28 Nov 2023	3	16.56	83.01	7.7	33.22	8.1	24.2	1.24
A1	28 Nov 2023	4	16.56	82.83	7.7	33.22	8.1	24.2	1.30
A1	28 Nov 2023	5	16.56	82.90	7.7	33.22	8.1	24.3	1.36
A1	28 Nov 2023	6	16.56	82.86	7.7	33.22	8.1	24.3	1.37
A1	28 Nov 2023	7	16.56	82.69	7.7	33.22	8.1	24.3	1.35
A1	28 Nov 2023	8	16.56	82.69	7.7	33.22	8.1	24.3	1.39
A1	28 Nov 2023	9	16.56	82.80	7.7	33.22	8.1	24.3	1.35
A1	28 Nov 2023	10	16.56	82.83	7.7	33.22	8.1	24.3	1.33
A1	28 Nov 2023	11	16.56	82.74	7.7	33.22	8.1	24.3	1.33
A1	28 Nov 2023	12	16.56	82.93	7.7	33.22	8.1	24.3	1.36
A1	28 Nov 2023	13	16.56	82.99	7.7	33.22	8.1	24.3	1.36
A1	28 Nov 2023	14	16.56	83.04	7.7	33.22	8.1	24.3	1.34
A1	28 Nov 2023	15	16.56	83.31	7.7	33.22	8.1	24.3	1.35
A1	28 Nov 2023	16	16.56	83.08	7.7	33.22	8.1	24.3	1.28
A1	28 Nov 2023	17	16.50	82.88	7.7	33.22	8.1	24.3	1.25
A1	28 Nov 2023	18	16.36	82.83	7.5	33.22	8.1	24.3	1.04
A1	28 Nov 2023	19	16.25	82.36	7.5	33.22	8.1	24.3	0.91
A6	06 Nov 2023	1	16.04	58.37	8.6	33.11	8.1	24.3	1.99
A6	06 Nov 2023	2	16.03	65.21	8.6	33.11	8.1	24.3	2.22
A6	06 Nov 2023	3	16.01	79.82	8.6	33.20	8.1	24.4	2.79
A6	06 Nov 2023	4	16.00	81.94	8.6	33.20	8.1	24.4	3.31
A6	06 Nov 2023	5	16.01	81.72	8.6	33.20	8.1	24.4	3.29
A6	06 Nov 2023	6	15.99	81.75	8.5	33.20	8.1	24.4	3.27
A6	06 Nov 2023	7	15.81	80.64	8.3	33.19	8.1	24.4	3.26
A6	06 Nov 2023	8	15.58	82.35	8.0	33.20	8.1	24.5	2.54
A6	06 Nov 2023	9	15.50	84.26	7.8	33.19	8.1	24.5	2.01
A6	06 Nov 2023	10	15.37	85.30	7.7	33.19	8.1	24.5	1.65
A6	06 Nov 2023	11	15.29	85.86	7.6	33.19	8.1	24.5	1.46
A6	06 Nov 2023	12	15.22	86.44	7.6	33.19	8.1	24.5	1.36
A6	06 Nov 2023	13	15.06	86.77	7.4	33.19	8.1	24.6	1.22
A6	06 Nov 2023	14	14.91	87.07	7.3	33.19	8.1	24.6	1.16
A6	06 Nov 2023	15	14.87	87.32	7.3	33.19	8.1	24.6	1.10
A6	06 Nov 2023	16	14.74	87.51	7.2	33.19	8.0	24.6	1.01
A6	06 Nov 2023	17	14.69	87.68	7.2	33.19	8.0	24.6	0.83
A6	06 Nov 2023	18	14.67	87.55	7.2	33.19	8.0	24.6	0.81
A6	13 Nov 2023	1	16.76	86.48	8.5	33.19	8.1	24.2	1.09
A6	13 Nov 2023	2	16.76	86.58	8.5	33.19	8.1	24.2	1.12
A6	13 Nov 2023	3	16.76	86.51	8.5	33.19	8.1	24.2	1.10
A6	13 Nov 2023	4	16.75	86.47	8.5	33.19	8.1	24.2	1.31
A6	13 Nov 2023	5	16.71	86.30	8.5	33.19	8.1	24.2	1.64
A6	13 Nov 2023	6	16.68	85.57	8.5	33.19	8.1	24.2	1.84
A6	13 Nov 2023	7	16.69	85.19	8.5	33.19	8.1	24.2	1.86
A6	13 Nov 2023	8	16.69	85.14	8.5	33.19	8.1	24.2	1.83
A6	13 Nov 2023	9	16.69	84.97	8.5	33.20	8.1	24.2	1.84
A6	13 Nov 2023	10	16.69	85.00	8.5	33.20	8.1	24.2	1.86
A6	13 Nov 2023	11	16.68	85.30	8.4	33.20	8.1	24.2	1.95
A6	13 Nov 2023	12	16.67	85.26	8.5	33.20	8.1	24.2	1.96
A6	13 Nov 2023	13	16.66	85.27	8.4	33.19	8.1	24.2	2.01
A6	13 Nov 2023	14	16.65	85.24	8.4	33.19	8.1	24.2	2.16
A6	13 Nov 2023	15	16.63	84.97	8.4	33.19	8.1	24.2	2.40
A6	13 Nov 2023	16	16.61	84.52	8.2	33.19	8.1	24.2	2.42
A6	13 Nov 2023	17	16.32	84.22	7.9	33.17	8.1	24.3	2.06
A6	13 Nov 2023	18	15.69	84.74	7.5	33.20	8.1	24.4	1.65
A6	13 Nov 2023	19	15.12	85.90	7.2	33.20	8.1	24.6	1.32

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
A6	13 Nov 2023	20	14.70	87.91	7.0	33.22	8.0	24.7	1.13
A6	13 Nov 2023	21	14.42	88.89	6.9	33.23	8.0	24.7	0.92
A6	21 Nov 2023	1	17.17	84.18	8.3	33.19	8.1	24.1	1.87
A6	21 Nov 2023	2	17.18	83.97	8.2	33.19	8.1	24.1	1.99
A6	21 Nov 2023	3	17.18	83.66	8.2	33.19	8.1	24.1	2.33
A6	21 Nov 2023	4	17.12	83.37	8.1	33.19	8.1	24.1	2.56
A6	21 Nov 2023	5	16.94	83.39	7.9	33.20	8.1	24.1	2.03
A6	21 Nov 2023	6	16.92	84.81	7.8	33.19	8.1	24.1	1.51
A6	21 Nov 2023	7	16.89	85.81	7.8	33.19	8.1	24.2	1.33
A6	21 Nov 2023	8	16.77	86.38	7.7	33.19	8.1	24.2	1.06
A6	21 Nov 2023	9	16.68	86.78	7.6	33.18	8.1	24.2	0.83
A6	21 Nov 2023	10	16.53	87.53	7.5	33.19	8.1	24.2	0.70
A6	21 Nov 2023	11	16.51	87.89	7.5	33.18	8.0	24.2	0.56
A6	21 Nov 2023	12	16.42	88.69	7.5	33.19	8.0	24.3	0.47
A6	21 Nov 2023	13	16.41	88.89	7.5	33.18	8.0	24.3	0.41
A6	21 Nov 2023	14	16.41	89.06	7.5	33.18	8.0	24.3	0.41
A6	21 Nov 2023	15	16.37	89.01	7.5	33.18	8.0	24.3	0.42
A6	21 Nov 2023	16	16.33	89.00	7.5	33.19	8.0	24.3	0.41
A6	21 Nov 2023	17	16.31	88.89	7.4	33.18	8.0	24.3	0.41
A6	21 Nov 2023	18	16.23	88.84	7.4	33.18	8.0	24.3	0.43
A6	21 Nov 2023	19	16.26	88.84	7.4	33.19	8.0	24.3	0.41
A6	28 Nov 2023	1	16.81	88.14	8.0	33.24	8.1	24.2	0.77
A6	28 Nov 2023	2	16.81	88.08	8.0	33.24	8.1	24.2	0.76
A6	28 Nov 2023	3	16.81	88.12	8.0	33.24	8.1	24.2	0.76
A6	28 Nov 2023	4	16.81	87.26	8.0	33.24	8.1	24.2	0.82
A6	28 Nov 2023	5	16.82	88.08	8.0	33.24	8.1	24.2	0.93
A6	28 Nov 2023	6	16.81	87.93	8.0	33.24	8.1	24.2	1.02
A6	28 Nov 2023	7	16.81	87.50	8.0	33.24	8.1	24.2	1.02
A6	28 Nov 2023	8	16.82	87.32	8.0	33.24	8.1	24.2	1.13
A6	28 Nov 2023	9	16.80	87.84	8.0	33.24	8.1	24.2	1.20
A6	28 Nov 2023	10	16.78	87.90	7.9	33.24	8.1	24.2	1.13
A6	28 Nov 2023	11	16.74	88.09	7.9	33.23	8.1	24.2	1.07
A6	28 Nov 2023	12	16.68	88.11	7.9	33.23	8.1	24.2	0.98
A6	28 Nov 2023	13	16.65	87.89	7.8	33.23	8.1	24.2	1.02
A6	28 Nov 2023	14	16.57	87.46	7.8	33.23	8.1	24.3	1.03
A6	28 Nov 2023	15	16.56	87.20	7.8	33.22	8.1	24.3	1.06
A6	28 Nov 2023	16	16.54	87.02	7.7	33.22	8.1	24.3	1.03
A6	28 Nov 2023	17	15.82	86.87	7.5	33.19	8.1	24.4	0.99
A6	28 Nov 2023	18	15.61	85.92	7.4	33.20	8.1	24.4	0.79
A6	28 Nov 2023	19	15.77	84.18	7.5	33.20	8.1	24.4	0.74
A6	28 Nov 2023	20	15.67	80.17	7.4	33.20	8.1	24.4	0.71
A7	06 Nov 2023	1	16.10	84.33	8.2	33.20	8.1	24.3	1.47
A7	06 Nov 2023	2	16.11	84.29	8.3	33.20	8.1	24.3	1.51
A7	06 Nov 2023	3	16.10	84.22	8.3	33.20	8.1	24.3	1.64
A7	06 Nov 2023	4	16.08	83.91	8.2	33.20	8.1	24.3	1.88
A7	06 Nov 2023	5	16.04	83.35	8.1	33.20	8.1	24.4	2.04
A7	06 Nov 2023	6	15.96	83.30	8.0	33.20	8.1	24.4	2.07
A7	06 Nov 2023	7	15.88	84.28	7.8	33.20	8.1	24.4	1.67
A7	06 Nov 2023	8	15.83	84.51	7.7	33.20	8.1	24.4	1.34
A7	06 Nov 2023	9	15.82	84.89	7.7	33.20	8.1	24.4	1.30
A7	06 Nov 2023	10	15.81	84.90	7.6	33.20	8.1	24.4	1.19
A7	06 Nov 2023	11	15.81	85.03	7.6	33.20	8.1	24.4	1.15
A7	06 Nov 2023	12	15.79	85.10	7.5	33.19	8.1	24.4	1.12
A7	06 Nov 2023	13	15.77	85.16	7.5	33.20	8.1	24.4	1.07
A7	06 Nov 2023	14	15.76	85.18	7.5	33.19	8.1	24.4	0.99
A7	06 Nov 2023	15	15.65	85.35	7.4	33.19	8.1	24.4	0.95
A7	06 Nov 2023	16	15.60	85.79	7.3	33.19	8.1	24.4	0.90
A7	06 Nov 2023	17	15.20	86.09	7.1	33.19	8.0	24.5	0.82

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
A7	06 Nov 2023	18	14.72	86.44	7.0	33.20	8.0	24.6	0.70
A7	06 Nov 2023	19	14.59	86.17	7.0	33.19	8.0	24.7	0.66
A7	06 Nov 2023	20	14.55	85.45	7.0	33.19	8.0	24.7	0.67
A7	13 Nov 2023	1	17.01	87.21	8.3	33.22	8.1	24.1	1.20
A7	13 Nov 2023	2	17.01	87.14	8.3	33.22	8.1	24.1	1.28
A7	13 Nov 2023	3	17.01	86.98	8.3	33.22	8.1	24.1	1.37
A7	13 Nov 2023	4	17.00	86.93	8.3	33.22	8.1	24.1	1.64
A7	13 Nov 2023	5	16.99	86.77	8.3	33.22	8.1	24.2	1.87
A7	13 Nov 2023	6	16.97	86.58	8.3	33.22	8.1	24.2	2.16
A7	13 Nov 2023	7	16.91	86.43	8.3	33.21	8.1	24.2	2.12
A7	13 Nov 2023	8	16.89	86.50	8.3	33.21	8.1	24.2	2.18
A7	13 Nov 2023	9	16.87	86.29	8.3	33.21	8.1	24.2	2.30
A7	13 Nov 2023	10	16.86	86.15	8.2	33.21	8.1	24.2	2.18
A7	13 Nov 2023	11	16.66	86.40	8.2	33.20	8.1	24.2	1.85
A7	13 Nov 2023	12	16.26	86.74	8.0	33.19	8.1	24.3	1.53
A7	13 Nov 2023	13	15.99	87.44	7.9	33.19	8.1	24.4	1.41
A7	13 Nov 2023	14	15.70	87.83	7.6	33.19	8.1	24.4	1.30
A7	13 Nov 2023	15	15.27	88.15	7.5	33.19	8.1	24.5	1.24
A7	13 Nov 2023	16	14.83	88.73	7.2	33.19	8.1	24.6	1.14
A7	13 Nov 2023	17	14.00	89.33	7.0	33.20	8.0	24.8	1.07
A7	13 Nov 2023	18	13.86	90.36	7.0	33.21	8.0	24.8	1.05
A7	13 Nov 2023	19	13.86	90.61	7.0	33.21	8.0	24.8	1.02
A7	13 Nov 2023	20	13.87	90.54	7.1	33.21	8.0	24.8	1.01
A7	21 Nov 2023	1	17.29	87.53	8.2	33.22	8.1	24.1	1.31
A7	21 Nov 2023	2	17.28	87.42	8.2	33.22	8.1	24.1	1.30
A7	21 Nov 2023	3	17.27	87.38	8.2	33.22	8.1	24.1	1.35
A7	21 Nov 2023	4	17.25	87.30	8.2	33.22	8.1	24.1	1.51
A7	21 Nov 2023	5	17.25	87.16	8.2	33.22	8.1	24.1	1.54
A7	21 Nov 2023	6	17.24	86.90	8.2	33.22	8.1	24.1	1.69
A7	21 Nov 2023	7	17.22	86.78	8.2	33.21	8.1	24.1	1.80
A7	21 Nov 2023	8	17.19	86.68	8.3	33.21	8.1	24.1	1.92
A7	21 Nov 2023	9	17.19	86.52	8.3	33.21	8.1	24.1	1.92
A7	21 Nov 2023	10	17.17	86.47	8.3	33.20	8.1	24.1	2.02
A7	21 Nov 2023	11	17.11	86.50	8.3	33.20	8.1	24.1	1.88
A7	21 Nov 2023	12	17.06	86.52	8.3	33.20	8.1	24.1	1.69
A7	21 Nov 2023	13	16.87	86.63	8.2	33.19	8.1	24.2	1.56
A7	21 Nov 2023	14	16.81	87.13	8.1	33.19	8.1	24.2	1.27
A7	21 Nov 2023	15	16.73	87.56	8.0	33.19	8.1	24.2	1.29
A7	21 Nov 2023	16	16.60	87.78	8.0	33.18	8.1	24.2	1.17
A7	21 Nov 2023	17	16.53	88.08	7.8	33.17	8.1	24.2	0.94
A7	21 Nov 2023	18	16.08	88.58	7.6	33.18	8.1	24.3	0.76
A7	28 Nov 2023	1	16.71	85.91	7.8	33.23	8.1	24.2	0.85
A7	28 Nov 2023	2	16.71	85.79	7.8	33.23	8.1	24.2	0.80
A7	28 Nov 2023	3	16.71	85.81	7.8	33.23	8.1	24.2	0.85
A7	28 Nov 2023	4	16.70	85.66	7.8	33.23	8.1	24.2	0.92
A7	28 Nov 2023	5	16.69	85.70	7.8	33.23	8.1	24.2	0.94
A7	28 Nov 2023	6	16.64	85.70	7.7	33.23	8.1	24.2	1.00
A7	28 Nov 2023	7	16.63	85.30	7.7	33.23	8.1	24.2	0.98
A7	28 Nov 2023	8	16.62	84.43	7.7	33.23	8.1	24.2	1.12
A7	28 Nov 2023	9	16.61	84.30	7.7	33.23	8.1	24.2	1.00
A7	28 Nov 2023	10	16.60	84.18	7.6	33.22	8.1	24.2	1.00
A7	28 Nov 2023	11	16.58	83.70	7.6	33.22	8.1	24.2	0.97
A7	28 Nov 2023	12	16.58	83.16	7.6	33.22	8.1	24.2	0.91
A7	28 Nov 2023	13	16.58	83.02	7.6	33.22	8.1	24.2	0.90
A7	28 Nov 2023	14	16.58	82.78	7.6	33.22	8.1	24.2	0.93
A7	28 Nov 2023	15	16.58	82.79	7.6	33.22	8.1	24.2	0.94
A7	28 Nov 2023	16	16.58	82.40	7.5	33.22	8.1	24.2	0.90
A7	28 Nov 2023	17	16.49	82.08	7.3	33.21	8.1	24.3	0.88

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
A7	28 Nov 2023	18	16.14	81.77	7.2	33.23	8.0	24.4	0.79
A7	28 Nov 2023	19	15.93	81.00	7.0	33.20	8.0	24.4	0.74
A7	28 Nov 2023	20	15.43	80.28	6.9	33.21	8.0	24.5	0.66
C4	06 Nov 2023	1	16.15	61.65	7.7	33.21	8.0	24.3	1.46
C4	06 Nov 2023	2	16.09	66.40	7.6	33.21	8.1	24.4	2.42
C4	06 Nov 2023	3	15.97	72.28	7.6	33.22	8.1	24.4	4.82
C4	06 Nov 2023	4	15.93	74.66	7.5	33.22	8.1	24.4	5.54
C4	06 Nov 2023	5	15.89	75.24	7.4	33.22	8.1	24.4	4.07
C4	06 Nov 2023	6	15.85	78.67	7.3	33.21	8.1	24.4	2.37
C4	06 Nov 2023	7	15.77	81.32	7.2	33.20	8.1	24.4	1.43
C4	06 Nov 2023	8	15.63	82.41	7.1	33.20	8.0	24.4	0.94
C4	06 Nov 2023	9	15.59	79.89	7.1	33.19	8.0	24.4	0.75
C4	06 Nov 2023	10	15.56	71.29	7.0	33.19	8.0	24.5	0.62
C4	06 Nov 2023	11	15.54	59.24	7.0	33.19	8.0	24.5	0.58
C4	13 Nov 2023	1	16.11	86.80	7.8	33.21	8.1	24.3	0.64
C4	13 Nov 2023	2	16.17	86.91	7.8	33.21	8.1	24.3	0.58
C4	13 Nov 2023	3	16.12	86.74	7.8	33.20	8.1	24.3	0.64
C4	13 Nov 2023	4	16.03	86.09	7.7	33.21	8.1	24.4	0.70
C4	13 Nov 2023	5	15.92	86.00	7.7	33.20	8.1	24.4	0.81
C4	13 Nov 2023	6	15.70	86.26	7.4	33.20	8.1	24.4	0.77
C4	13 Nov 2023	7	15.35	86.62	7.1	33.21	8.0	24.5	0.60
C4	13 Nov 2023	8	15.19	86.80	6.9	33.21	8.0	24.6	0.46
C4	13 Nov 2023	9	15.08	86.24	6.8	33.21	8.0	24.6	0.42
C4	13 Nov 2023	10	14.98	85.22	6.8	33.21	8.0	24.6	0.39
C4	13 Nov 2023	11	14.97	85.09	6.9	33.21	8.0	24.6	0.37
C4	13 Nov 2023	12	14.97	82.92	6.9	33.21	8.0	24.6	0.39
C4	21 Nov 2023	1	17.11	81.01	7.9	33.21	8.1	24.1	0.64
C4	21 Nov 2023	2	17.07	80.94	7.8	33.21	8.1	24.1	0.72
C4	21 Nov 2023	3	17.04	80.53	7.8	33.21	8.1	24.1	0.79
C4	21 Nov 2023	4	17.02	79.24	7.8	33.21	8.1	24.1	0.87
C4	21 Nov 2023	5	17.01	79.18	7.7	33.21	8.1	24.1	0.87
C4	21 Nov 2023	6	16.99	79.94	7.7	33.21	8.1	24.1	0.82
C4	21 Nov 2023	7	16.98	80.73	7.7	33.21	8.1	24.1	0.81
C4	21 Nov 2023	8	16.97	81.62	7.7	33.21	8.1	24.1	0.73
C4	21 Nov 2023	9	16.97	81.72	7.7	33.21	8.1	24.1	0.70
C4	21 Nov 2023	10	16.95	82.06	7.6	33.21	8.1	24.1	0.62
C4	21 Nov 2023	11	16.92	81.64	7.5	33.21	8.1	24.2	0.52
C4	28 Nov 2023	1	16.63	76.82	7.8	33.22	8.1	24.2	1.37
C4	28 Nov 2023	2	16.61	76.88	7.8	33.22	8.1	24.2	1.32
C4	28 Nov 2023	3	16.60	76.15	7.7	33.22	8.1	24.2	1.54
C4	28 Nov 2023	4	16.59	75.83	7.8	33.22	8.1	24.2	1.83
C4	28 Nov 2023	5	16.58	75.65	7.8	33.22	8.1	24.2	2.14
C4	28 Nov 2023	6	16.57	75.54	7.8	33.22	8.1	24.2	2.24
C4	28 Nov 2023	7	16.57	75.38	7.8	33.22	8.1	24.2	2.01
C4	28 Nov 2023	8	16.57	75.33	7.8	33.22	8.1	24.2	1.88
C4	28 Nov 2023	9	16.57	75.41	7.8	33.22	8.1	24.2	1.82
C4	28 Nov 2023	10	16.57	75.25	7.8	33.22	8.1	24.2	1.88
C4	28 Nov 2023	11	16.57	75.22	7.7	33.22	8.1	24.2	1.72
C5	06 Nov 2023	1	16.50	68.81	7.4	33.22	8.1	24.3	0.51
C5	06 Nov 2023	2	16.43	68.14	7.3	33.21	8.1	24.3	0.60
C5	06 Nov 2023	3	16.20	66.99	7.2	33.20	8.1	24.3	0.78
C5	06 Nov 2023	4	16.04	65.49	7.0	33.20	8.0	24.4	0.87
C5	06 Nov 2023	5	15.95	64.62	7.0	33.19	8.0	24.4	0.91
C5	06 Nov 2023	6	15.78	65.86	7.1	33.19	8.1	24.4	0.89
C5	06 Nov 2023	7	15.71	72.63	7.0	33.19	8.1	24.4	0.77
C5	06 Nov 2023	8	15.66	76.91	6.9	33.19	8.0	24.4	0.67

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C5	06 Nov 2023	9	15.60	73.79	6.7	33.19	8.0	24.4	0.67
C5	06 Nov 2023	10	15.35	57.67	6.5	33.19	8.0	24.5	0.69
C5	06 Nov 2023	11	15.28	49.92	6.4	33.20	8.0	24.5	0.73
C5	13 Nov 2023	1	16.86	87.51	8.4	33.21	8.1	24.2	0.56
C5	13 Nov 2023	2	16.80	87.10	8.4	33.21	8.1	24.2	0.55
C5	13 Nov 2023	3	16.73	87.25	8.4	33.21	8.1	24.2	0.66
C5	13 Nov 2023	4	16.67	87.00	8.4	33.20	8.1	24.2	0.78
C5	13 Nov 2023	5	16.62	86.56	8.3	33.20	8.1	24.2	0.97
C5	13 Nov 2023	6	16.54	85.93	8.1	33.20	8.1	24.2	1.11
C5	13 Nov 2023	7	16.28	84.86	7.7	33.20	8.1	24.3	0.87
C5	13 Nov 2023	8	15.86	83.75	7.3	33.19	8.1	24.4	0.66
C5	13 Nov 2023	9	15.40	84.49	7.1	33.19	8.0	24.5	0.56
C5	13 Nov 2023	10	15.09	85.24	7.0	33.21	8.0	24.6	0.54
C5	13 Nov 2023	11	15.02	84.68	7.1	33.20	8.0	24.6	0.53
C5	21 Nov 2023	1	17.09	75.53	8.2	33.22	8.1	24.1	0.74
C5	21 Nov 2023	2	17.07	75.26	8.1	33.22	8.1	24.1	0.85
C5	21 Nov 2023	3	16.97	74.02	7.9	33.22	8.1	24.2	1.40
C5	21 Nov 2023	4	16.84	73.30	7.5	33.21	8.0	24.2	1.50
C5	21 Nov 2023	5	16.71	72.56	7.3	33.20	8.0	24.2	1.06
C5	21 Nov 2023	6	16.63	72.90	7.3	33.19	8.0	24.2	0.72
C5	21 Nov 2023	7	16.42	74.22	7.2	33.19	8.0	24.3	0.56
C5	21 Nov 2023	8	16.33	75.91	7.2	33.19	8.0	24.3	0.53
C5	21 Nov 2023	9	16.29	75.79	7.1	33.19	8.0	24.3	0.48
C5	21 Nov 2023	10	16.28	74.37	7.2	33.19	8.0	24.3	0.43
C5	28 Nov 2023	1	16.76	85.32	7.8	33.25	8.1	24.2	0.52
C5	28 Nov 2023	2	16.71	84.70	7.7	33.25	8.1	24.2	0.61
C5	28 Nov 2023	3	16.67	82.64	7.6	33.25	8.1	24.2	0.85
C5	28 Nov 2023	4	16.62	79.63	7.5	33.25	8.1	24.3	1.32
C5	28 Nov 2023	5	16.60	76.47	7.6	33.25	8.1	24.3	1.81
C5	28 Nov 2023	6	16.57	75.14	7.5	33.25	8.1	24.3	1.90
C5	28 Nov 2023	7	16.51	72.82	7.4	33.25	8.0	24.3	1.66
C5	28 Nov 2023	8	16.47	64.99	7.4	33.25	8.0	24.3	1.38
C5	28 Nov 2023	9	16.44	57.88	7.3	33.25	8.0	24.3	1.19
C5	28 Nov 2023	10	16.44	53.94	7.0	33.25	8.0	24.3	1.10
C5	28 Nov 2023	11	16.47	23.16	6.8	33.24	8.0	24.3	1.78
C6	06 Nov 2023	1	16.19	77.83	8.0	33.20	8.1	24.3	1.12
C6	06 Nov 2023	2	16.18	78.15	8.1	33.20	8.1	24.3	1.32
C6	06 Nov 2023	3	16.02	78.22	8.3	33.20	8.1	24.4	3.02
C6	06 Nov 2023	4	15.87	76.60	8.4	33.20	8.1	24.4	4.36
C6	06 Nov 2023	5	15.79	77.38	8.4	33.20	8.1	24.4	3.32
C6	06 Nov 2023	6	15.76	80.96	8.2	33.19	8.1	24.4	2.36
C6	06 Nov 2023	7	15.62	84.47	7.7	33.20	8.1	24.4	1.53
C6	06 Nov 2023	8	15.40	84.49	7.2	33.20	8.1	24.5	0.94
C6	06 Nov 2023	9	15.35	80.65	7.0	33.20	8.0	24.5	0.65
C6	13 Nov 2023	1	16.73	86.90	8.2	33.20	8.1	24.2	0.52
C6	13 Nov 2023	2	16.72	86.82	8.2	33.20	8.1	24.2	0.52
C6	13 Nov 2023	3	16.65	86.54	8.1	33.20	8.1	24.2	0.59
C6	13 Nov 2023	4	16.55	85.79	8.0	33.20	8.1	24.2	0.70
C6	13 Nov 2023	5	16.36	85.23	7.9	33.20	8.1	24.3	0.79
C6	13 Nov 2023	6	16.12	85.23	7.6	33.20	8.1	24.3	0.78
C6	13 Nov 2023	7	15.97	85.45	7.4	33.20	8.1	24.4	0.74
C6	13 Nov 2023	8	15.68	86.02	7.1	33.20	8.0	24.4	0.60
C6	13 Nov 2023	9	15.42	85.59	7.0	33.21	8.0	24.5	0.47
C6	13 Nov 2023	10	15.39	84.08	7.0	33.21	8.0	24.5	0.41
C6	21 Nov 2023	1	17.15	80.36	8.1	33.21	8.1	24.1	1.01

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C6	21 Nov 2023	2	17.15	80.25	8.1	33.21	8.1	24.1	0.98
C6	21 Nov 2023	3	17.13	79.52	7.9	33.21	8.1	24.1	1.12
C6	21 Nov 2023	4	17.11	78.29	7.8	33.21	8.1	24.1	1.25
C6	21 Nov 2023	5	17.09	77.85	7.8	33.21	8.1	24.1	1.38
C6	21 Nov 2023	6	17.07	77.69	7.4	33.21	8.1	24.1	1.21
C6	21 Nov 2023	7	16.81	77.43	6.7	33.20	8.0	24.2	0.75
C6	21 Nov 2023	8	16.47	76.04	6.3	33.20	8.0	24.3	0.51
C6	21 Nov 2023	9	16.44	74.20	6.3	33.19	8.0	24.3	0.41
C6	28 Nov 2023	1	16.80	88.41	7.9	33.24	8.1	24.2	0.52
C6	28 Nov 2023	2	16.77	88.10	7.9	33.24	8.1	24.2	0.64
C6	28 Nov 2023	3	16.76	87.32	7.9	33.24	8.1	24.2	0.85
C6	28 Nov 2023	4	16.74	86.84	7.9	33.24	8.1	24.2	1.02
C6	28 Nov 2023	5	16.66	86.58	7.6	33.23	8.1	24.2	1.09
C6	28 Nov 2023	6	16.63	85.33	7.4	33.23	8.1	24.2	1.02
C6	28 Nov 2023	7	16.62	83.26	7.3	33.23	8.1	24.2	0.88
C6	28 Nov 2023	8	16.60	81.25	7.2	33.23	8.1	24.3	0.70
C6	28 Nov 2023	9	16.59	78.79	7.1	33.23	8.0	24.3	0.63
C6	28 Nov 2023	10	16.59	77.79	7.1	33.23	8.0	24.3	0.58
C7	06 Nov 2023	1	16.06	82.89	8.4	33.19	8.1	24.3	2.66
C7	06 Nov 2023	2	15.85	81.65	8.2	33.20	8.1	24.4	3.07
C7	06 Nov 2023	3	15.75	81.94	8.1	33.20	8.1	24.4	2.81
C7	06 Nov 2023	4	15.68	83.20	8.1	33.20	8.1	24.4	2.61
C7	06 Nov 2023	5	15.69	84.07	8.1	33.20	8.1	24.4	2.48
C7	06 Nov 2023	6	15.68	84.35	8.1	33.20	8.1	24.4	2.33
C7	06 Nov 2023	7	15.67	84.49	8.1	33.20	8.1	24.4	2.37
C7	06 Nov 2023	8	15.63	84.63	8.0	33.19	8.1	24.4	2.08
C7	06 Nov 2023	9	15.50	85.35	7.8	33.20	8.1	24.5	1.76
C7	06 Nov 2023	10	15.44	86.57	7.7	33.20	8.1	24.5	1.77
C7	06 Nov 2023	11	15.44	86.89	7.7	33.20	8.1	24.5	1.60
C7	06 Nov 2023	12	15.44	86.98	7.7	33.20	8.1	24.5	1.48
C7	06 Nov 2023	13	15.41	86.96	7.6	33.20	8.1	24.5	1.47
C7	06 Nov 2023	14	15.33	87.09	7.3	33.20	8.1	24.5	1.26
C7	06 Nov 2023	15	15.14	87.21	6.9	33.20	8.0	24.6	1.04
C7	06 Nov 2023	16	15.02	86.49	6.7	33.21	8.0	24.6	0.81
C7	06 Nov 2023	17	14.97	85.48	6.6	33.21	8.0	24.6	0.62
C7	06 Nov 2023	18	14.95	83.75	6.6	33.21	8.0	24.6	0.50
C7	13 Nov 2023	1	16.73	83.73	8.4	33.19	8.1	24.2	1.73
C7	13 Nov 2023	2	16.71	83.52	8.5	33.19	8.1	24.2	2.20
C7	13 Nov 2023	3	16.71	83.72	8.5	33.19	8.1	24.2	2.65
C7	13 Nov 2023	4	16.71	83.52	8.5	33.19	8.1	24.2	2.98
C7	13 Nov 2023	5	16.71	83.30	8.5	33.19	8.1	24.2	3.22
C7	13 Nov 2023	6	16.71	83.13	8.4	33.19	8.1	24.2	3.36
C7	13 Nov 2023	7	16.70	83.14	8.4	33.19	8.1	24.2	3.58
C7	13 Nov 2023	8	16.69	83.23	8.4	33.19	8.1	24.2	3.39
C7	13 Nov 2023	9	16.62	83.35	8.3	33.19	8.1	24.2	3.13
C7	13 Nov 2023	10	16.55	83.91	8.2	33.19	8.1	24.2	2.82
C7	13 Nov 2023	11	16.49	83.90	8.2	33.19	8.1	24.2	2.79
C7	13 Nov 2023	12	16.46	83.50	8.2	33.19	8.1	24.2	2.58
C7	13 Nov 2023	13	16.41	83.52	8.0	33.18	8.1	24.3	2.22
C7	13 Nov 2023	14	16.04	84.19	7.5	33.18	8.1	24.3	1.71
C7	13 Nov 2023	15	15.55	85.42	7.1	33.21	8.1	24.5	1.28
C7	13 Nov 2023	16	15.25	86.65	7.0	33.20	8.0	24.5	0.96
C7	13 Nov 2023	17	14.97	87.90	6.9	33.21	8.0	24.6	0.88
C7	13 Nov 2023	18	14.53	88.73	6.8	33.22	8.0	24.7	0.75
C7	13 Nov 2023	19	14.45	88.88	6.7	33.22	8.0	24.7	0.63
C7	21 Nov 2023	1	17.12	79.07	8.5	33.16	8.1	24.1	2.00
C7	21 Nov 2023	2	17.11	78.56	8.5	33.17	8.1	24.1	2.31

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C7	21 Nov 2023	3	17.10	76.92	8.4	33.17	8.1	24.1	3.65
C7	21 Nov 2023	4	17.07	76.13	8.3	33.17	8.1	24.1	4.86
C7	21 Nov 2023	5	17.05	76.70	8.2	33.17	8.1	24.1	4.66
C7	21 Nov 2023	6	17.04	78.19	8.2	33.17	8.1	24.1	4.29
C7	21 Nov 2023	7	17.02	79.59	8.1	33.17	8.1	24.1	3.93
C7	21 Nov 2023	8	17.00	79.99	8.1	33.17	8.1	24.1	3.44
C7	21 Nov 2023	9	16.99	80.54	8.0	33.17	8.1	24.1	3.10
C7	21 Nov 2023	10	16.96	80.79	8.0	33.17	8.1	24.1	2.45
C7	21 Nov 2023	11	16.86	81.61	8.0	33.18	8.1	24.1	1.95
C7	21 Nov 2023	12	16.66	83.06	7.8	33.18	8.1	24.2	1.40
C7	21 Nov 2023	13	16.58	84.37	7.7	33.18	8.1	24.2	1.02
C7	21 Nov 2023	14	16.53	85.34	7.7	33.18	8.1	24.2	0.77
C7	21 Nov 2023	15	16.47	85.48	7.6	33.18	8.1	24.2	0.63
C7	21 Nov 2023	16	16.37	84.61	7.4	33.18	8.0	24.3	0.53
C7	21 Nov 2023	17	16.26	85.00	7.3	33.17	8.0	24.3	0.43
C7	21 Nov 2023	18	16.07	85.67	7.2	33.18	8.0	24.3	0.38
C7	28 Nov 2023	1	16.76	84.61	8.0	33.23	8.1	24.2	1.21
C7	28 Nov 2023	2	16.75	84.52	8.0	33.23	8.1	24.2	1.29
C7	28 Nov 2023	3	16.75	84.54	8.0	33.23	8.1	24.2	1.48
C7	28 Nov 2023	4	16.75	84.51	8.0	33.23	8.1	24.2	1.58
C7	28 Nov 2023	5	16.74	84.57	8.0	33.23	8.1	24.2	1.78
C7	28 Nov 2023	6	16.73	84.46	8.0	33.23	8.1	24.2	1.89
C7	28 Nov 2023	7	16.71	84.37	7.9	33.23	8.1	24.2	1.89
C7	28 Nov 2023	8	16.67	84.36	7.8	33.23	8.1	24.2	1.75
C7	28 Nov 2023	9	16.64	84.28	7.7	33.22	8.1	24.2	1.45
C7	28 Nov 2023	10	16.63	84.55	7.7	33.22	8.1	24.2	1.27
C7	28 Nov 2023	11	16.62	84.71	7.6	33.22	8.1	24.2	1.10
C7	28 Nov 2023	12	16.55	84.87	7.5	33.21	8.1	24.2	0.85
C7	28 Nov 2023	13	16.30	85.07	7.5	33.21	8.1	24.3	0.79
C7	28 Nov 2023	14	16.22	84.98	7.6	33.21	8.1	24.3	0.88
C7	28 Nov 2023	15	16.20	85.05	7.6	33.21	8.1	24.3	0.94
C7	28 Nov 2023	16	16.18	85.29	7.6	33.21	8.1	24.3	0.92
C7	28 Nov 2023	17	16.12	85.41	7.5	33.21	8.1	24.3	0.83
C7	28 Nov 2023	18	16.12	84.93	7.5	33.21	8.1	24.3	0.72
C8	06 Nov 2023	1	16.22	78.25	8.6	33.16	8.1	24.3	3.65
C8	06 Nov 2023	2	16.23	77.67	8.6	33.16	8.1	24.3	3.57
C8	06 Nov 2023	3	16.22	78.23	8.6	33.16	8.1	24.3	4.12
C8	06 Nov 2023	4	16.18	78.00	8.6	33.17	8.1	24.3	5.92
C8	06 Nov 2023	5	15.97	76.20	8.3	33.18	8.1	24.4	7.82
C8	06 Nov 2023	6	15.76	74.56	8.0	33.19	8.1	24.4	6.64
C8	06 Nov 2023	7	15.58	76.89	7.8	33.20	8.1	24.5	4.93
C8	06 Nov 2023	8	15.48	81.67	7.7	33.20	8.1	24.5	3.59
C8	06 Nov 2023	9	15.44	84.47	7.7	33.20	8.1	24.5	2.80
C8	06 Nov 2023	10	15.46	85.18	7.7	33.19	8.1	24.5	2.37
C8	06 Nov 2023	11	15.36	85.70	7.6	33.19	8.1	24.5	2.26
C8	06 Nov 2023	12	15.20	85.77	7.4	33.20	8.1	24.5	1.71
C8	06 Nov 2023	13	15.11	86.56	7.3	33.20	8.1	24.6	1.45
C8	06 Nov 2023	14	15.09	87.39	7.2	33.20	8.1	24.6	1.16
C8	06 Nov 2023	15	15.08	87.51	7.2	33.20	8.0	24.6	1.06
C8	06 Nov 2023	16	15.07	87.18	7.2	33.20	8.0	24.6	1.04
C8	06 Nov 2023	17	15.03	86.82	7.1	33.20	8.0	24.6	1.11
C8	06 Nov 2023	18	14.94	86.55	7.0	33.20	8.0	24.6	0.96
C8	06 Nov 2023	19	14.81	85.67	6.9	33.21	8.0	24.6	0.79
C8	06 Nov 2023	20	14.79	85.52	6.8	33.21	8.0	24.6	0.65
C8	13 Nov 2023	1	16.57	82.25	8.3	33.17	8.1	24.2	1.29
C8	13 Nov 2023	2	16.57	82.28	8.3	33.17	8.1	24.2	1.47
C8	13 Nov 2023	3	16.56	81.93	8.3	33.17	8.1	24.2	1.89
C8	13 Nov 2023	4	16.56	81.32	8.3	33.17	8.1	24.2	2.49

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C8	13 Nov 2023	5	16.55	80.68	8.3	33.17	8.1	24.2	3.06
C8	13 Nov 2023	6	16.55	80.60	8.3	33.17	8.1	24.2	3.41
C8	13 Nov 2023	7	16.54	80.90	8.3	33.17	8.1	24.2	3.45
C8	13 Nov 2023	8	16.54	81.28	8.3	33.17	8.1	24.2	3.29
C8	13 Nov 2023	9	16.53	81.52	8.3	33.18	8.1	24.2	2.99
C8	13 Nov 2023	10	16.49	82.25	8.3	33.18	8.1	24.2	2.47
C8	13 Nov 2023	11	16.41	83.76	8.3	33.18	8.1	24.3	1.84
C8	13 Nov 2023	12	16.33	85.93	8.2	33.18	8.1	24.3	1.45
C8	13 Nov 2023	13	16.27	86.85	7.9	33.19	8.1	24.3	1.21
C8	13 Nov 2023	14	15.98	86.49	7.6	33.20	8.1	24.4	1.09
C8	13 Nov 2023	15	15.68	86.15	7.2	33.20	8.1	24.4	0.87
C8	13 Nov 2023	16	15.14	87.20	6.9	33.21	8.0	24.6	0.74
C8	13 Nov 2023	17	14.90	88.12	6.8	33.21	8.0	24.6	0.71
C8	13 Nov 2023	18	14.67	88.38	6.7	33.22	8.0	24.7	0.71
C8	13 Nov 2023	19	14.55	87.49	6.6	33.23	8.0	24.7	0.67
C8	13 Nov 2023	20	14.54	85.25	6.6	33.23	8.0	24.7	0.62
C8	21 Nov 2023	1	17.07	76.58	8.2	33.16	8.1	24.1	1.75
C8	21 Nov 2023	2	17.05	76.63	8.1	33.16	8.1	24.1	1.97
C8	21 Nov 2023	3	16.92	76.53	8.0	33.16	8.1	24.1	2.41
C8	21 Nov 2023	4	16.76	76.75	7.9	33.18	8.1	24.2	3.28
C8	21 Nov 2023	5	16.70	77.51	7.9	33.17	8.1	24.2	3.11
C8	21 Nov 2023	6	16.66	79.90	7.9	33.17	8.1	24.2	2.72
C8	21 Nov 2023	7	16.64	82.07	7.9	33.17	8.1	24.2	3.09
C8	21 Nov 2023	8	16.63	82.01	7.9	33.17	8.1	24.2	3.27
C8	21 Nov 2023	9	16.62	82.20	7.9	33.17	8.1	24.2	3.20
C8	21 Nov 2023	10	16.61	83.28	7.9	33.17	8.1	24.2	2.93
C8	21 Nov 2023	11	16.58	83.54	7.9	33.17	8.1	24.2	2.45
C8	21 Nov 2023	12	16.57	84.11	7.7	33.17	8.1	24.2	1.93
C8	21 Nov 2023	13	16.53	84.11	7.6	33.18	8.1	24.2	1.44
C8	21 Nov 2023	14	16.48	83.37	7.5	33.17	8.1	24.2	1.07
C8	21 Nov 2023	15	16.41	82.79	7.4	33.17	8.0	24.2	0.85
C8	21 Nov 2023	16	16.20	82.43	7.4	33.18	8.0	24.3	0.74
C8	21 Nov 2023	17	16.14	82.81	7.4	33.18	8.0	24.3	0.71
C8	21 Nov 2023	18	16.10	82.98	7.4	33.18	8.0	24.3	0.62
C8	21 Nov 2023	19	16.09	83.04	7.4	33.18	8.0	24.3	0.59
C8	28 Nov 2023	1	16.73	84.76	8.0	33.22	8.1	24.2	1.68
C8	28 Nov 2023	2	16.72	84.69	8.0	33.22	8.1	24.2	1.56
C8	28 Nov 2023	3	16.71	84.66	8.0	33.22	8.1	24.2	1.84
C8	28 Nov 2023	4	16.70	84.58	8.0	33.22	8.1	24.2	2.19
C8	28 Nov 2023	5	16.70	84.04	8.0	33.22	8.1	24.2	2.62
C8	28 Nov 2023	6	16.69	83.93	8.0	33.22	8.1	24.2	2.71
C8	28 Nov 2023	7	16.69	84.32	8.0	33.22	8.1	24.2	2.77
C8	28 Nov 2023	8	16.69	84.41	8.0	33.22	8.1	24.2	2.68
C8	28 Nov 2023	9	16.69	84.52	8.0	33.22	8.1	24.2	2.66
C8	28 Nov 2023	10	16.69	84.67	8.0	33.22	8.1	24.2	2.58
C8	28 Nov 2023	11	16.67	84.81	7.9	33.22	8.1	24.2	2.24
C8	28 Nov 2023	12	16.63	85.28	7.8	33.22	8.1	24.2	1.70
C8	28 Nov 2023	13	16.57	86.85	7.8	33.21	8.1	24.2	1.28
C8	28 Nov 2023	14	16.53	87.61	7.7	33.21	8.1	24.3	0.97
C8	28 Nov 2023	15	16.52	87.72	7.6	33.21	8.1	24.3	0.87
C8	28 Nov 2023	16	16.52	87.47	7.6	33.21	8.1	24.3	0.75
C8	28 Nov 2023	17	16.52	87.31	7.6	33.21	8.1	24.3	0.73
C8	28 Nov 2023	18	16.51	87.22	7.5	33.21	8.1	24.3	0.67
C8	28 Nov 2023	19	16.51	86.50	7.5	33.21	8.1	24.3	0.62
C8	28 Nov 2023	20	16.51	85.85	7.5	33.21	8.1	24.3	0.61

NA = not available

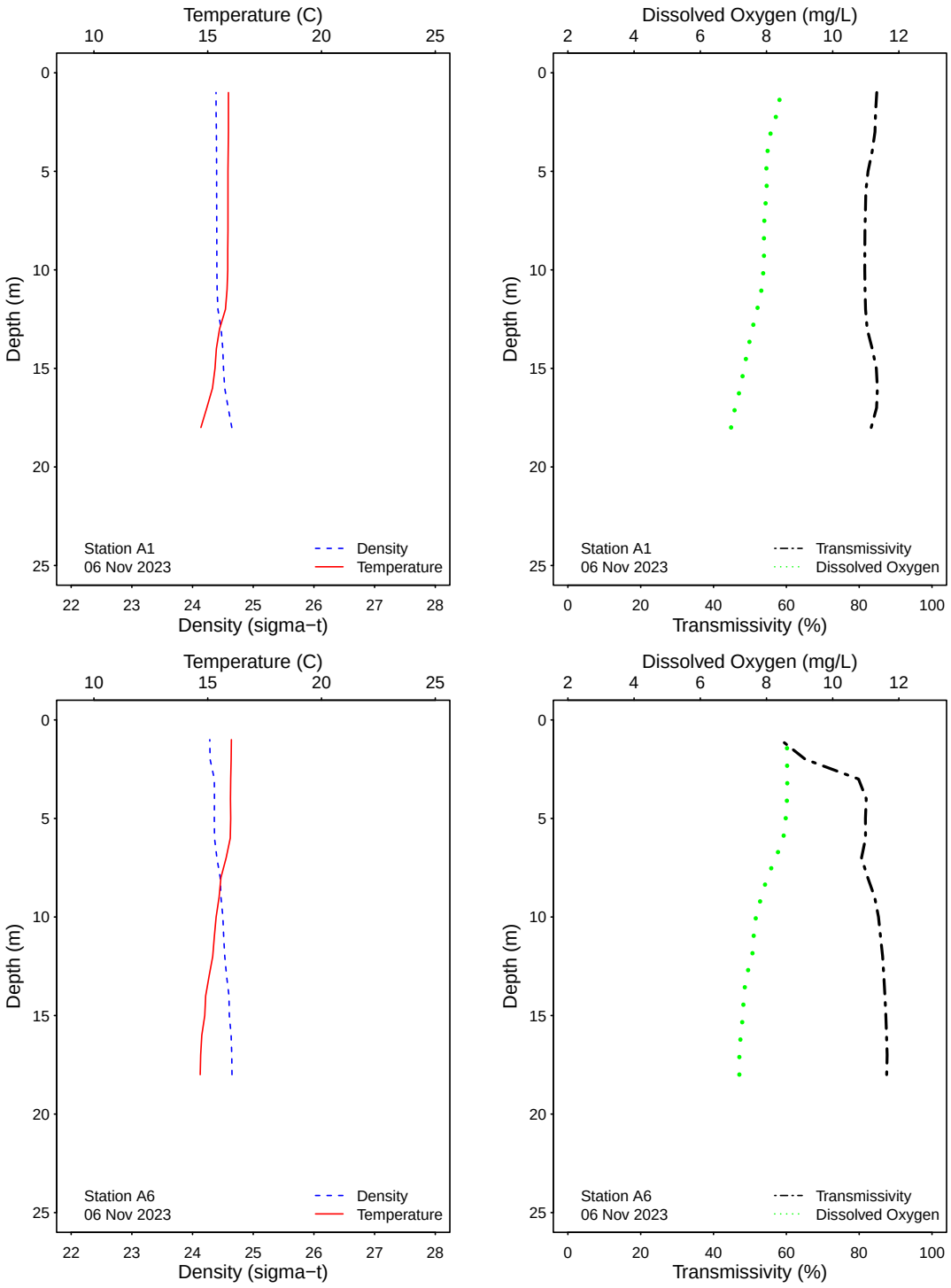

Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

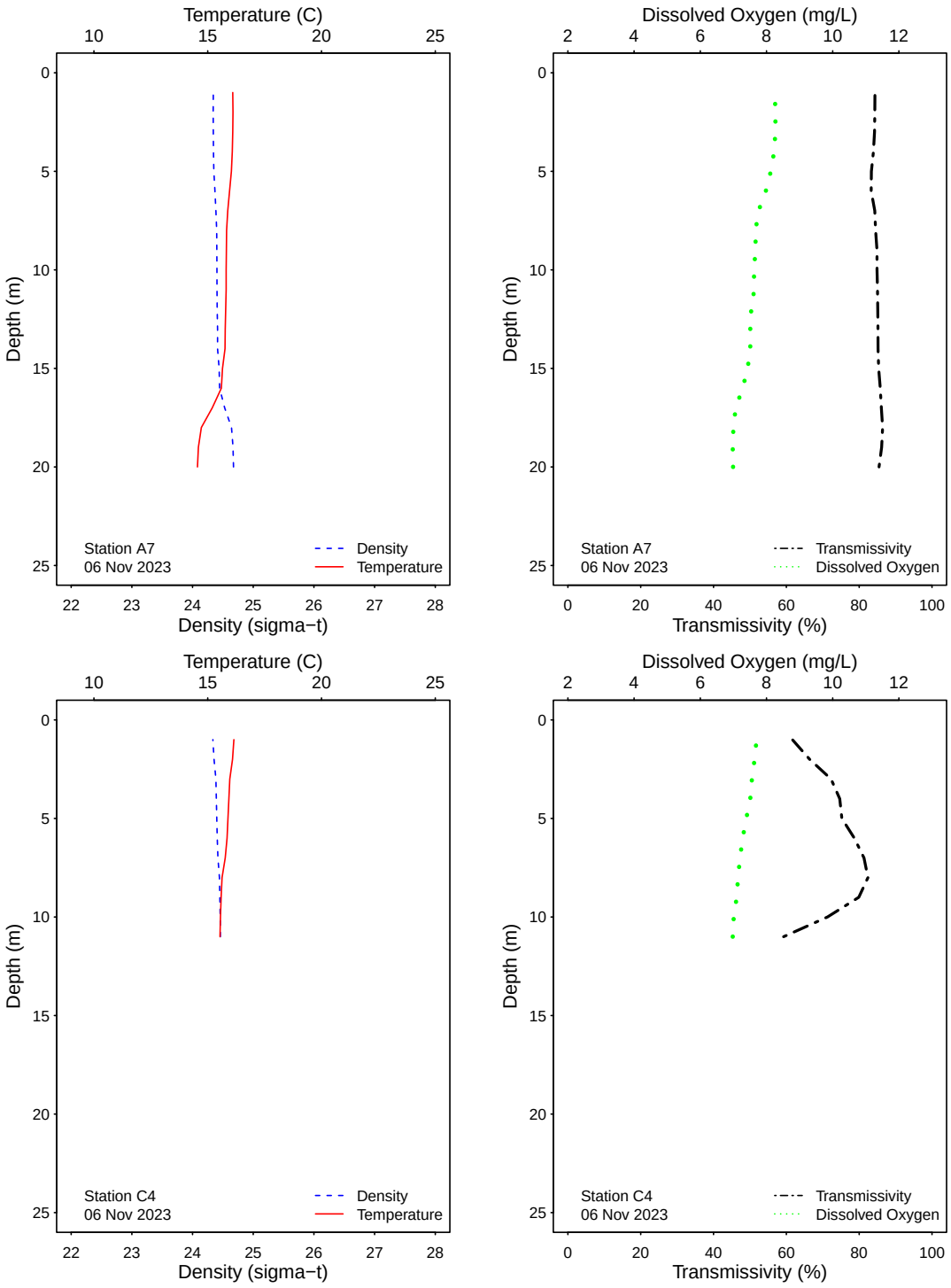

Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

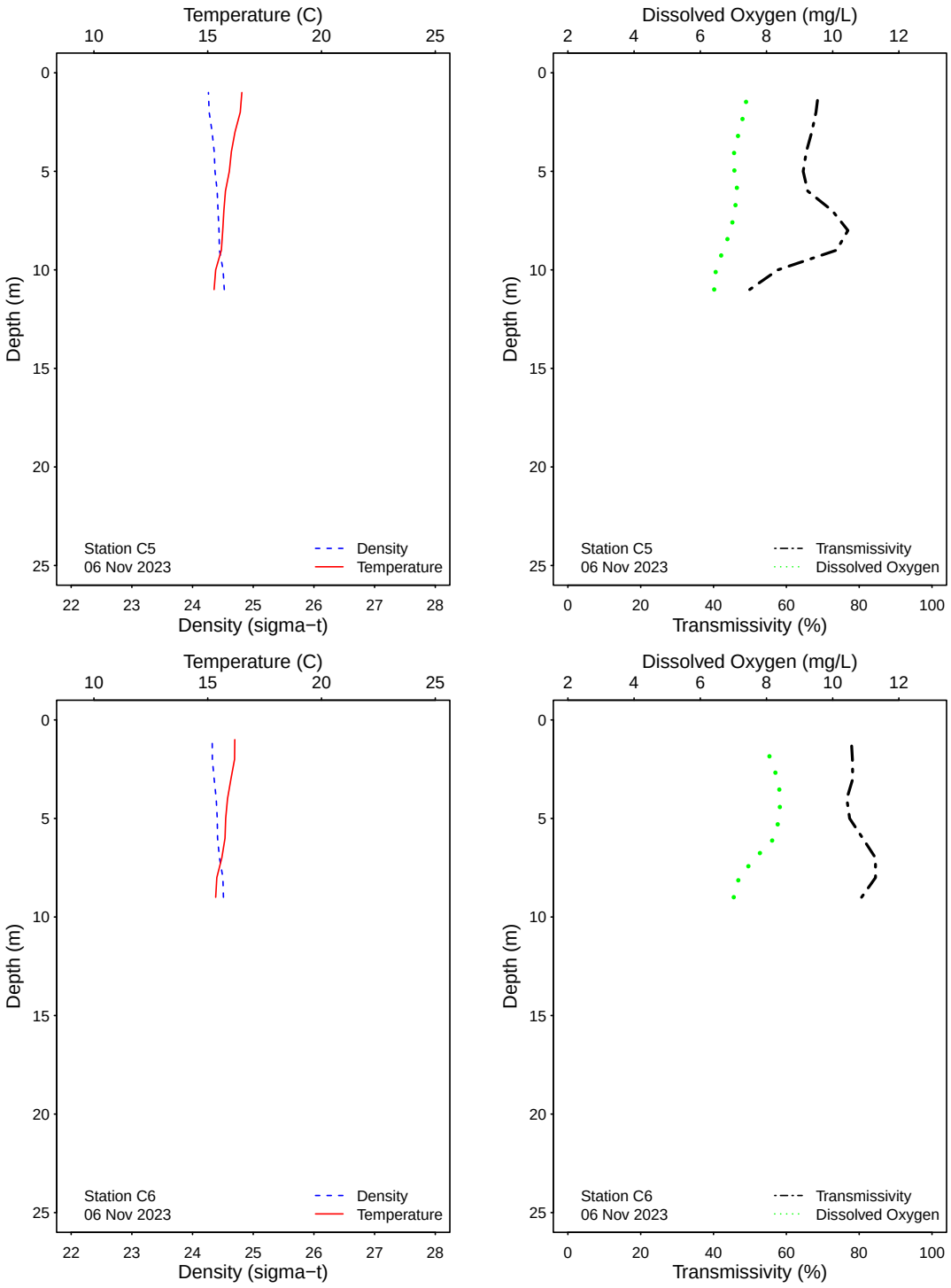

Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

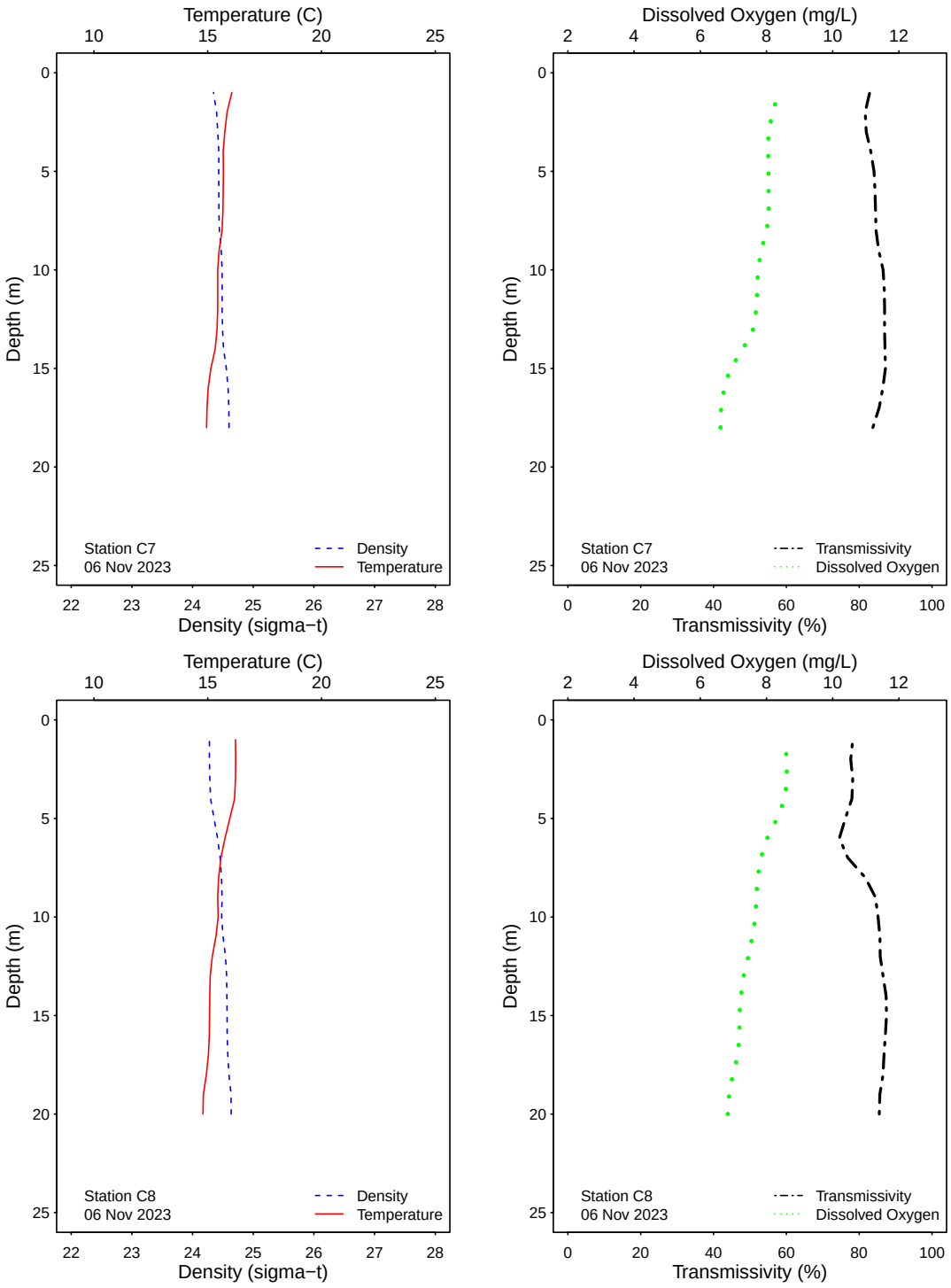

Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

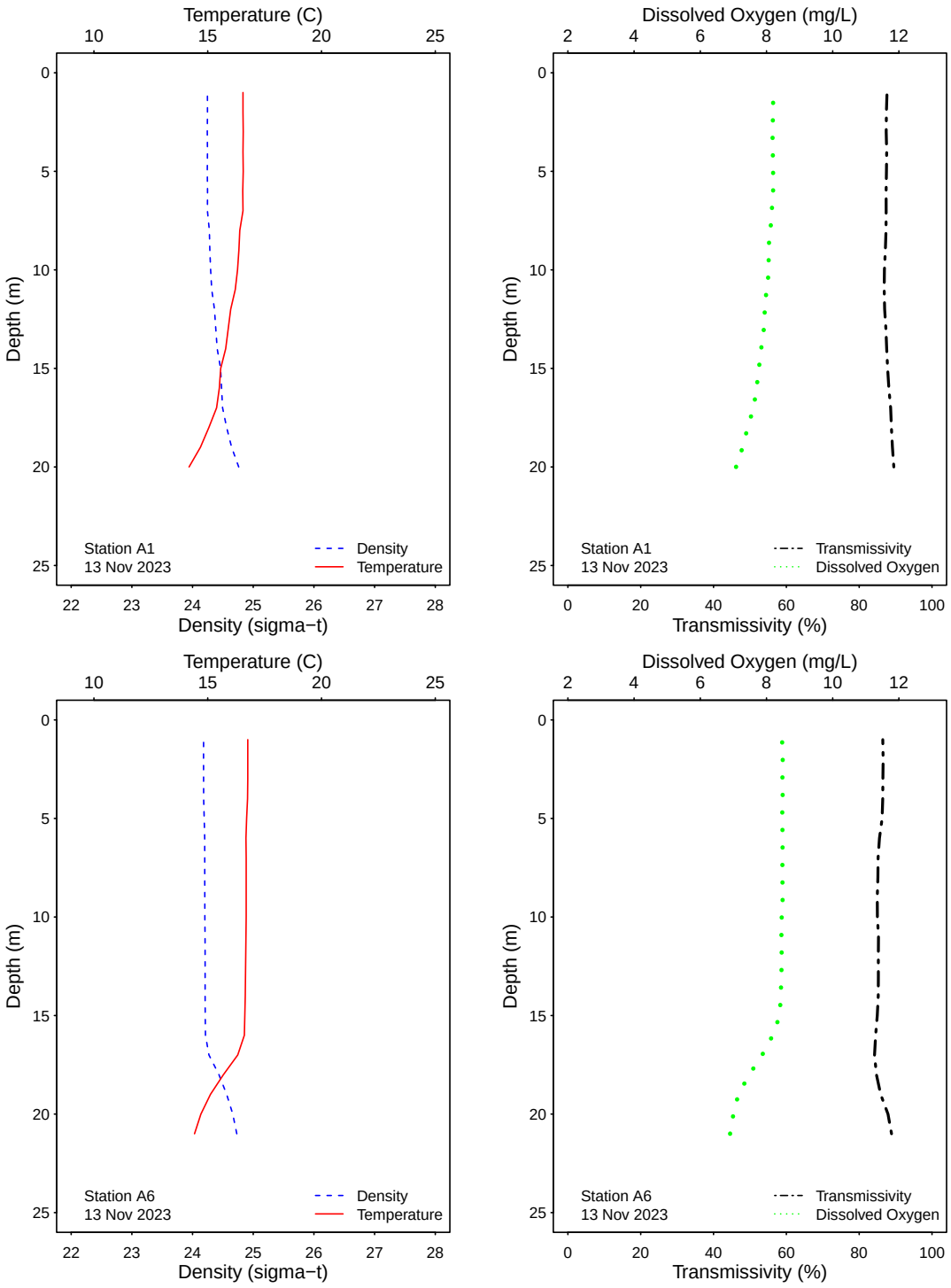

Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

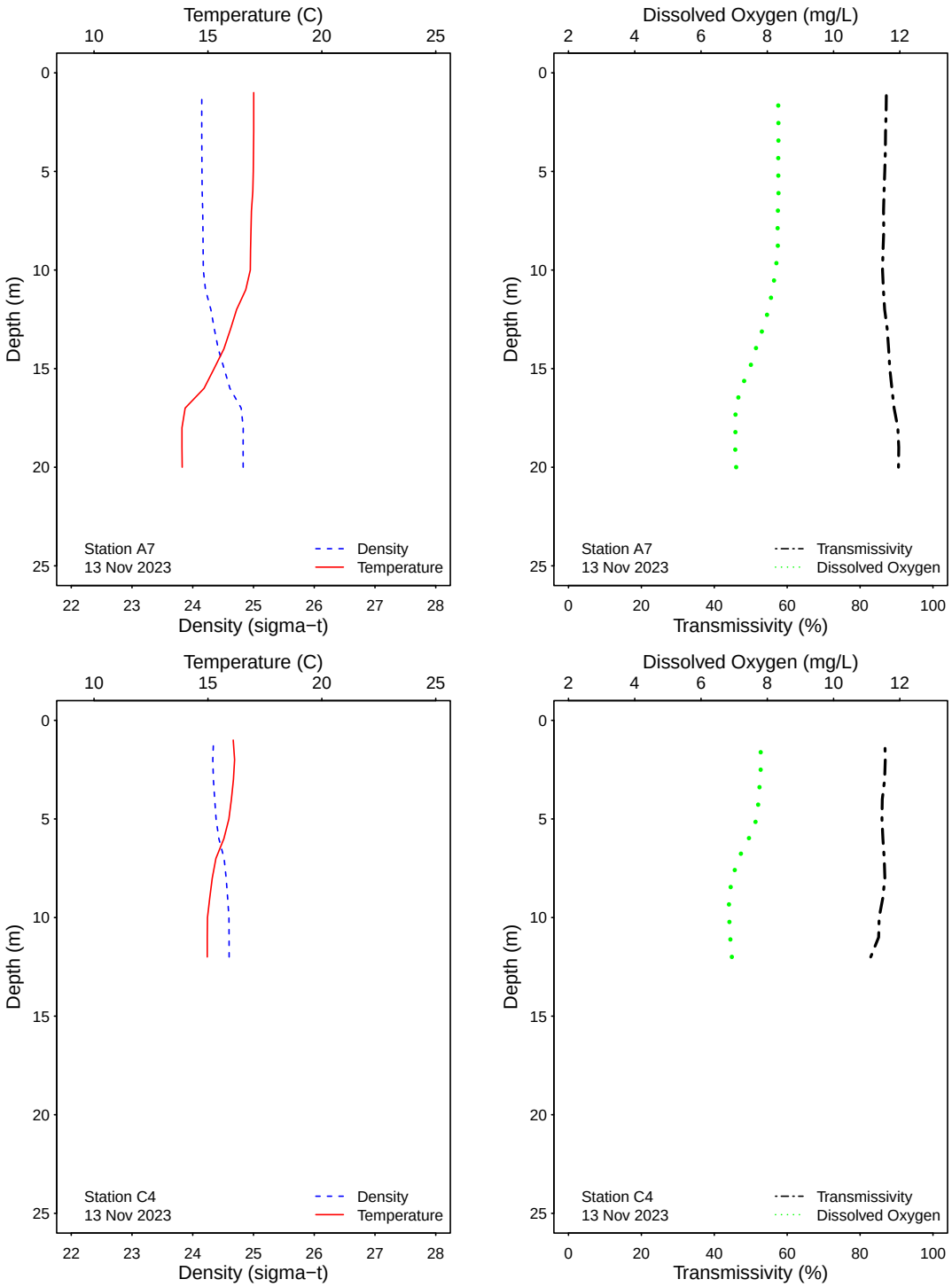

Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

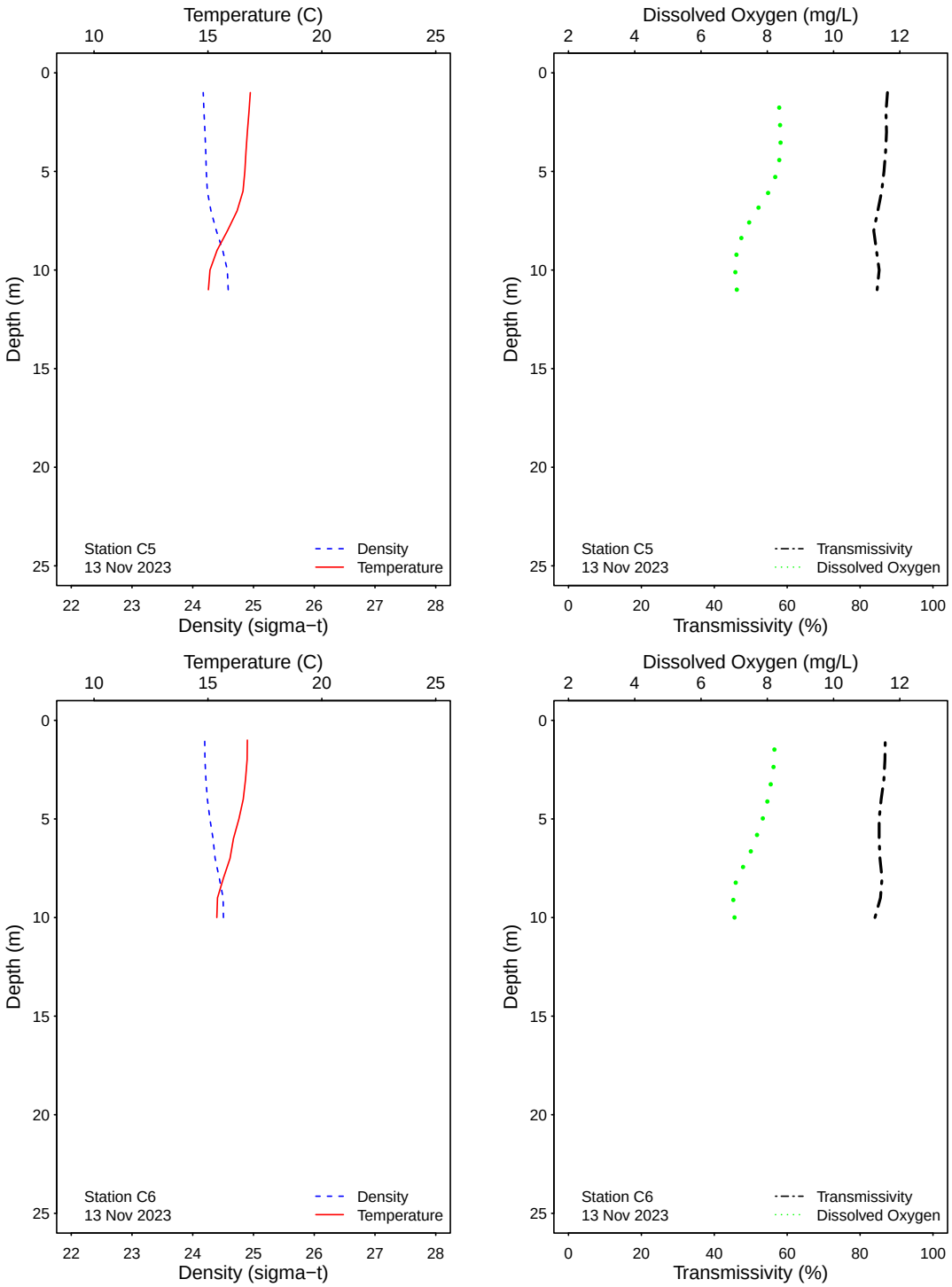

Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

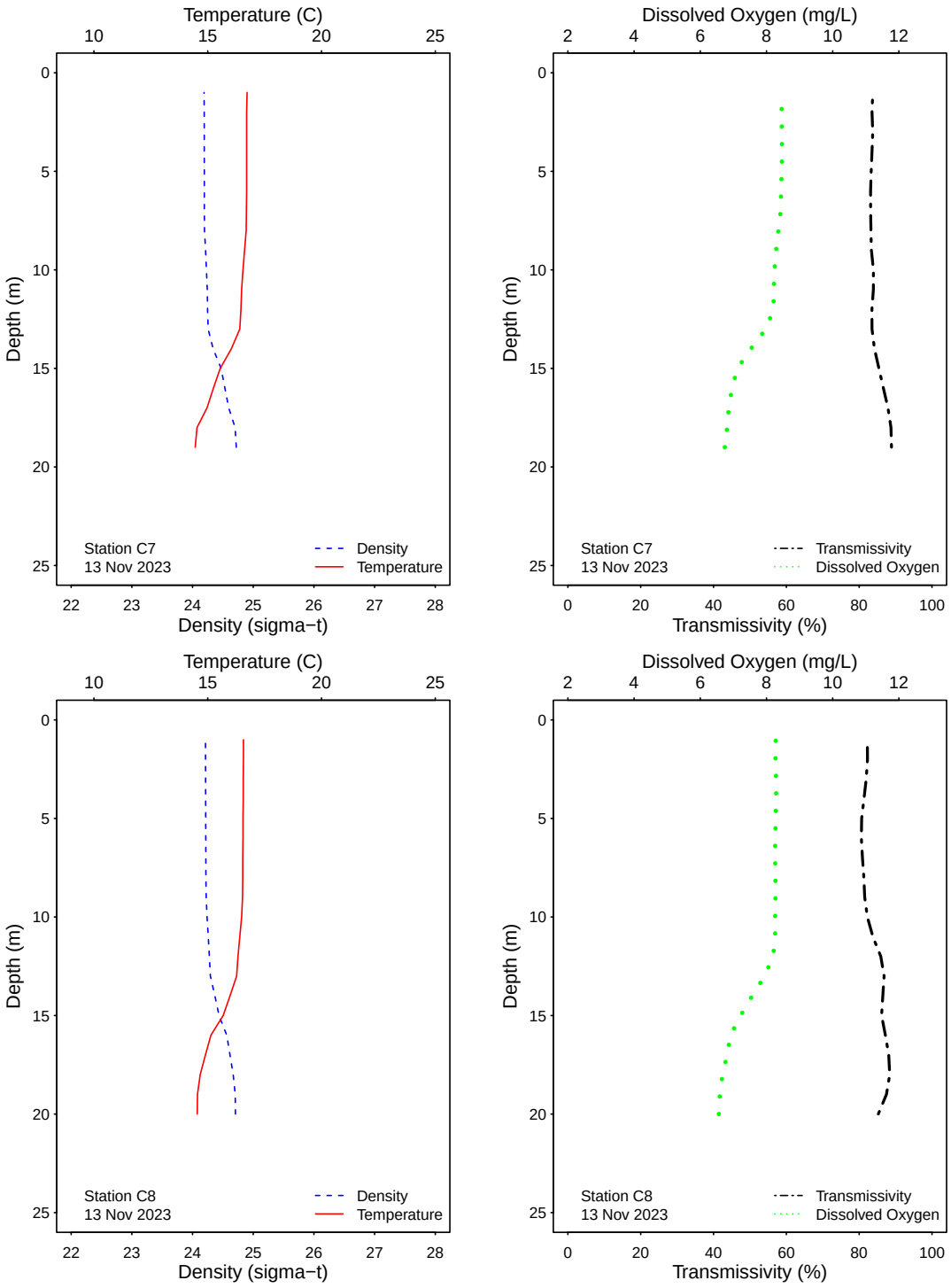

Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

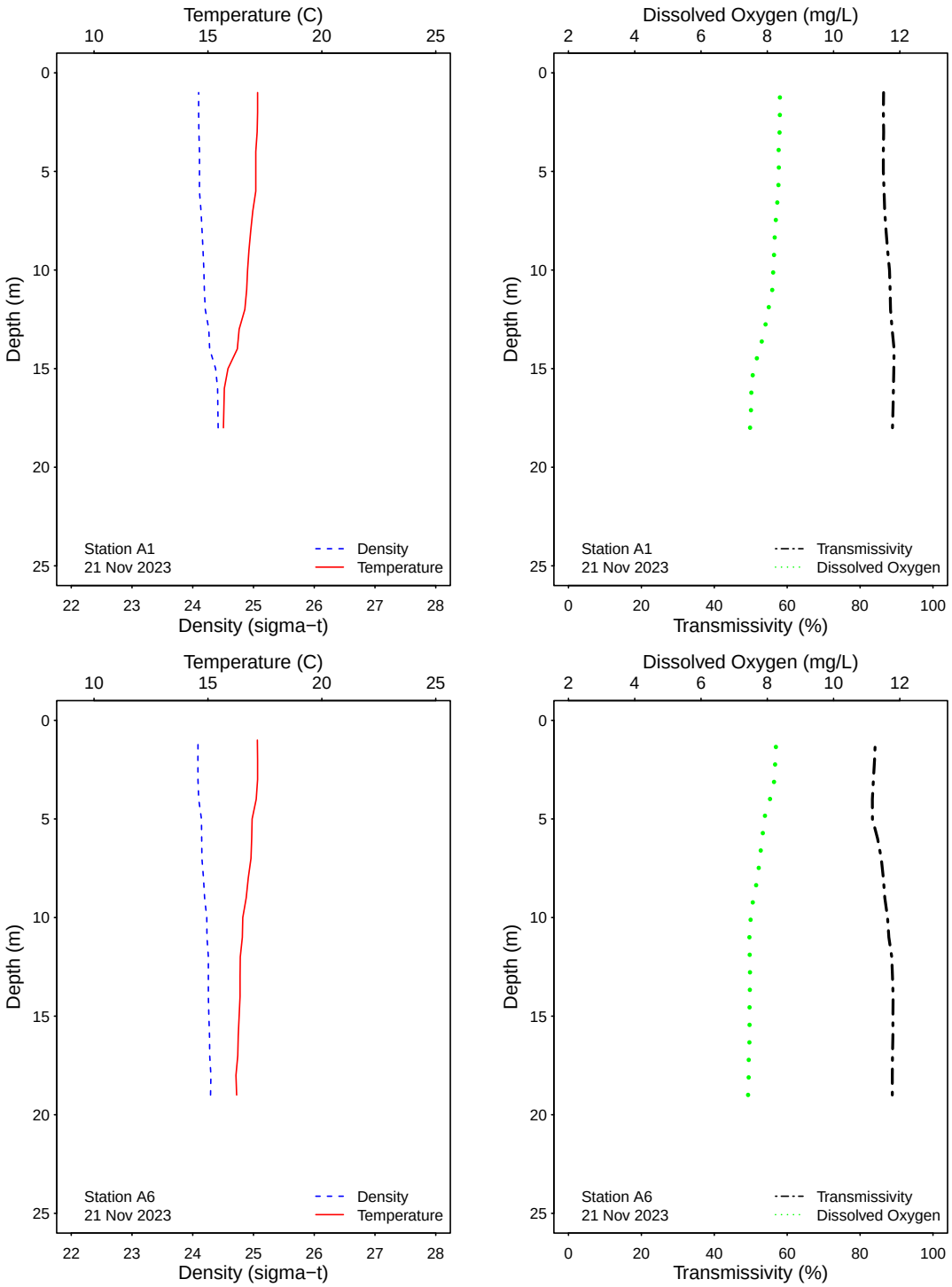

Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

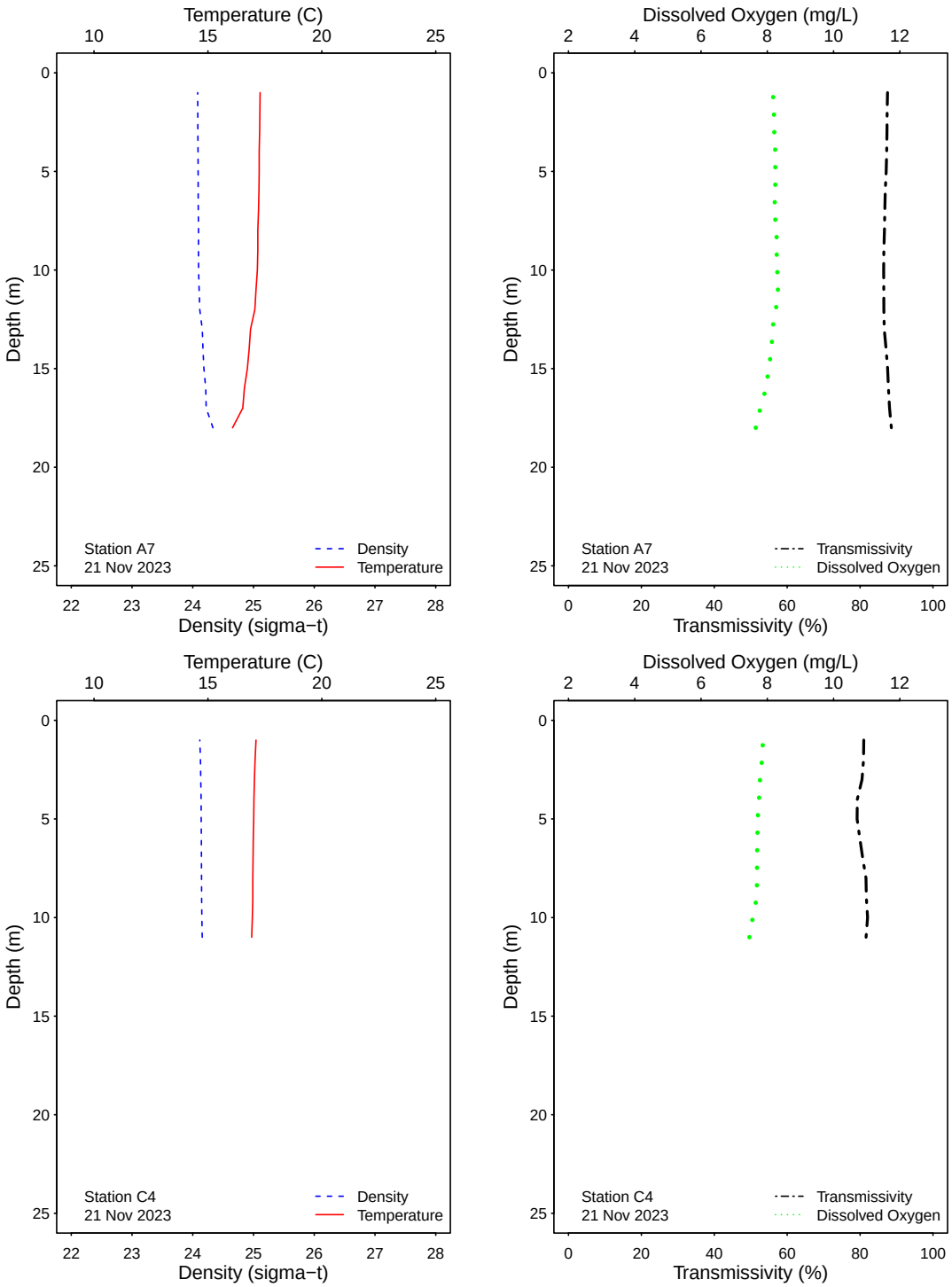

Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

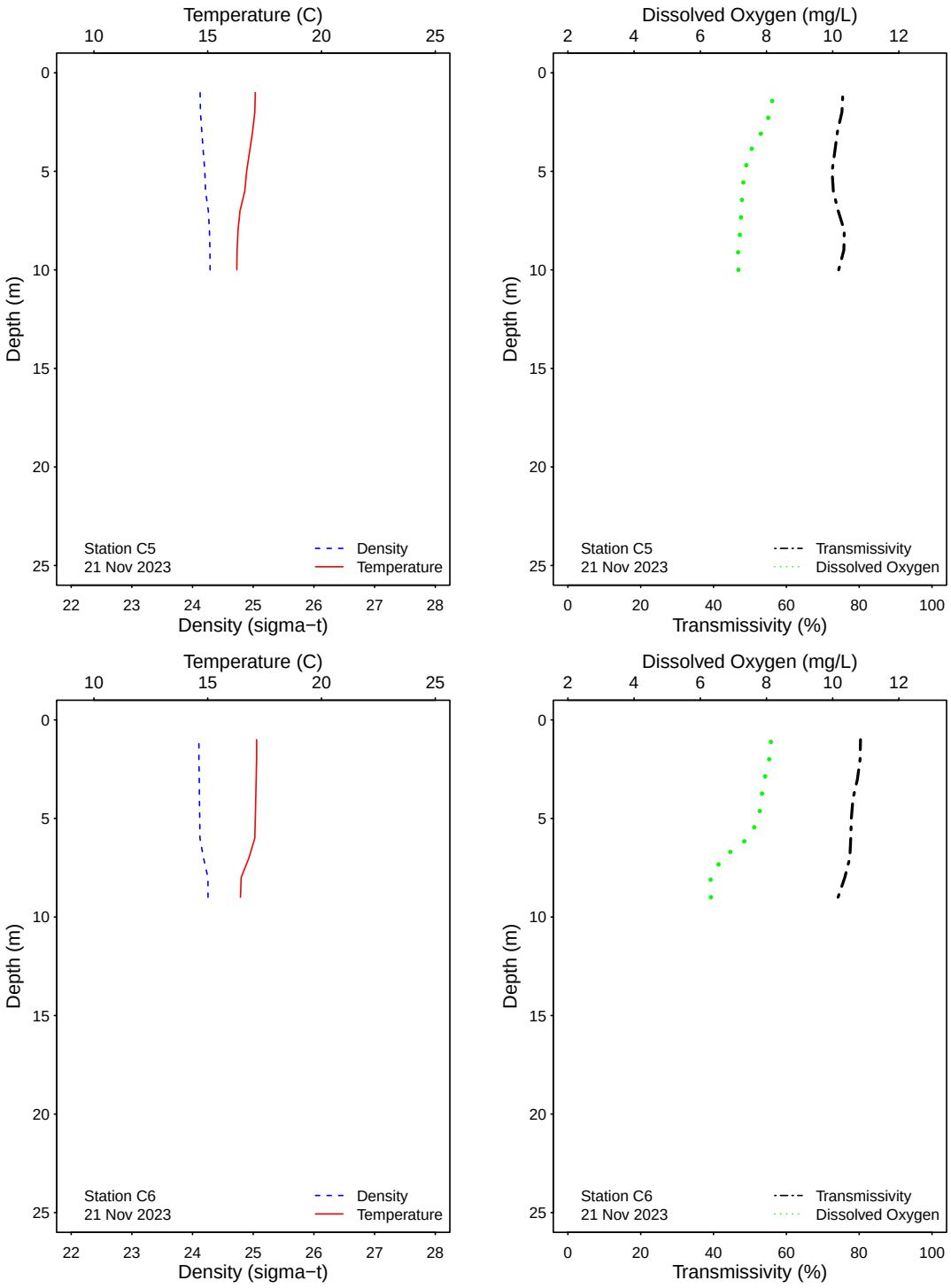

Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

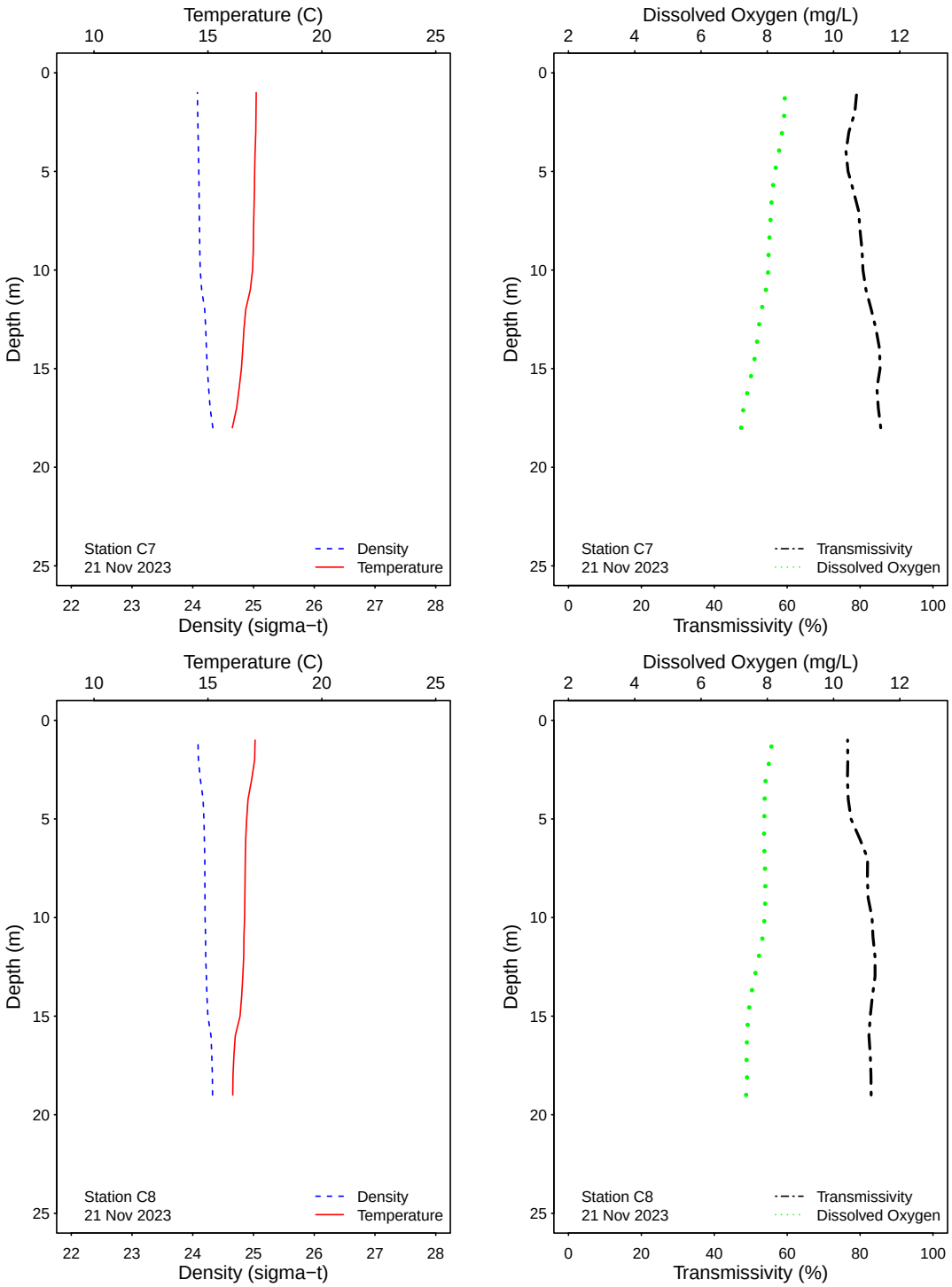

Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

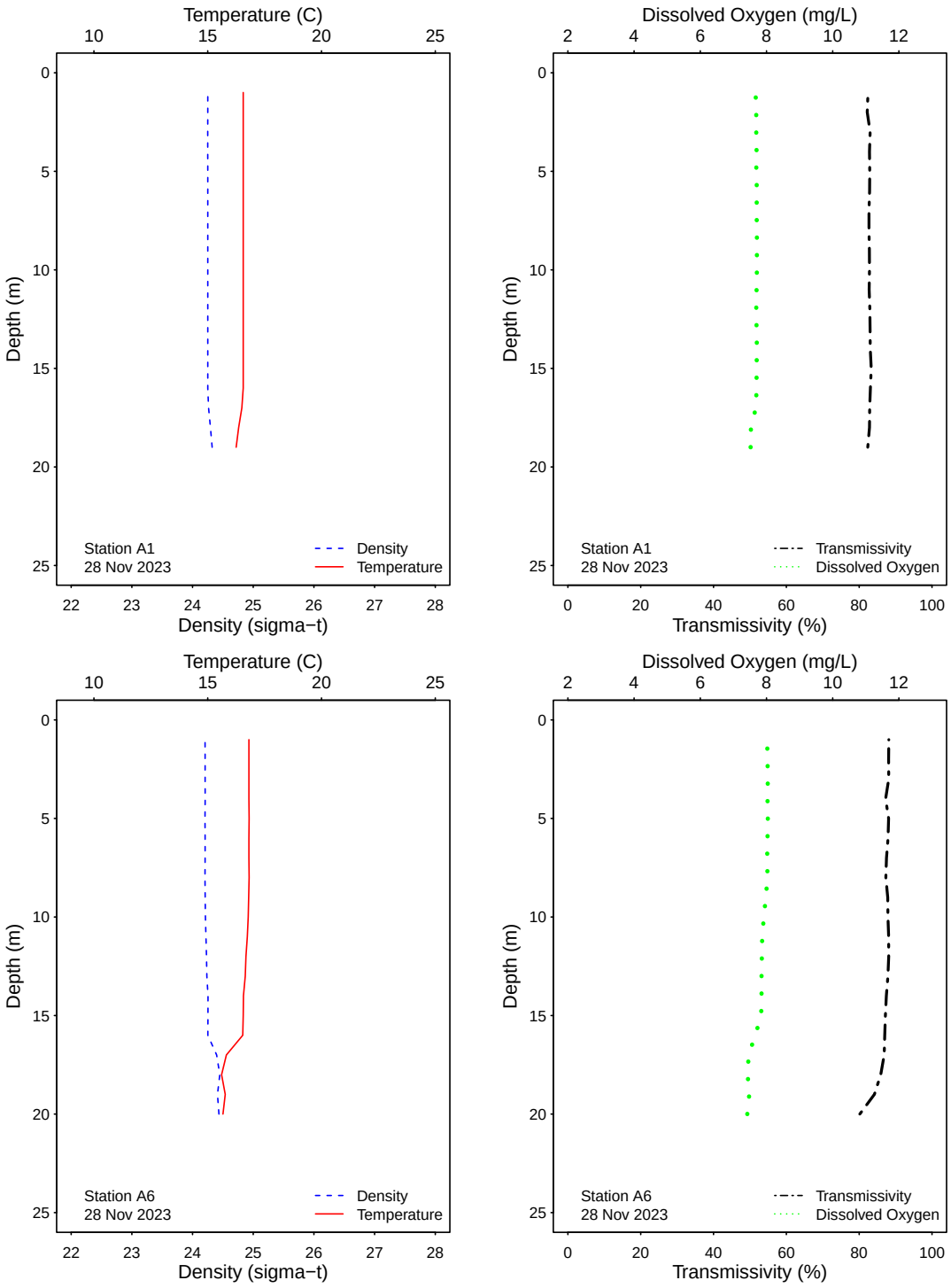

Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

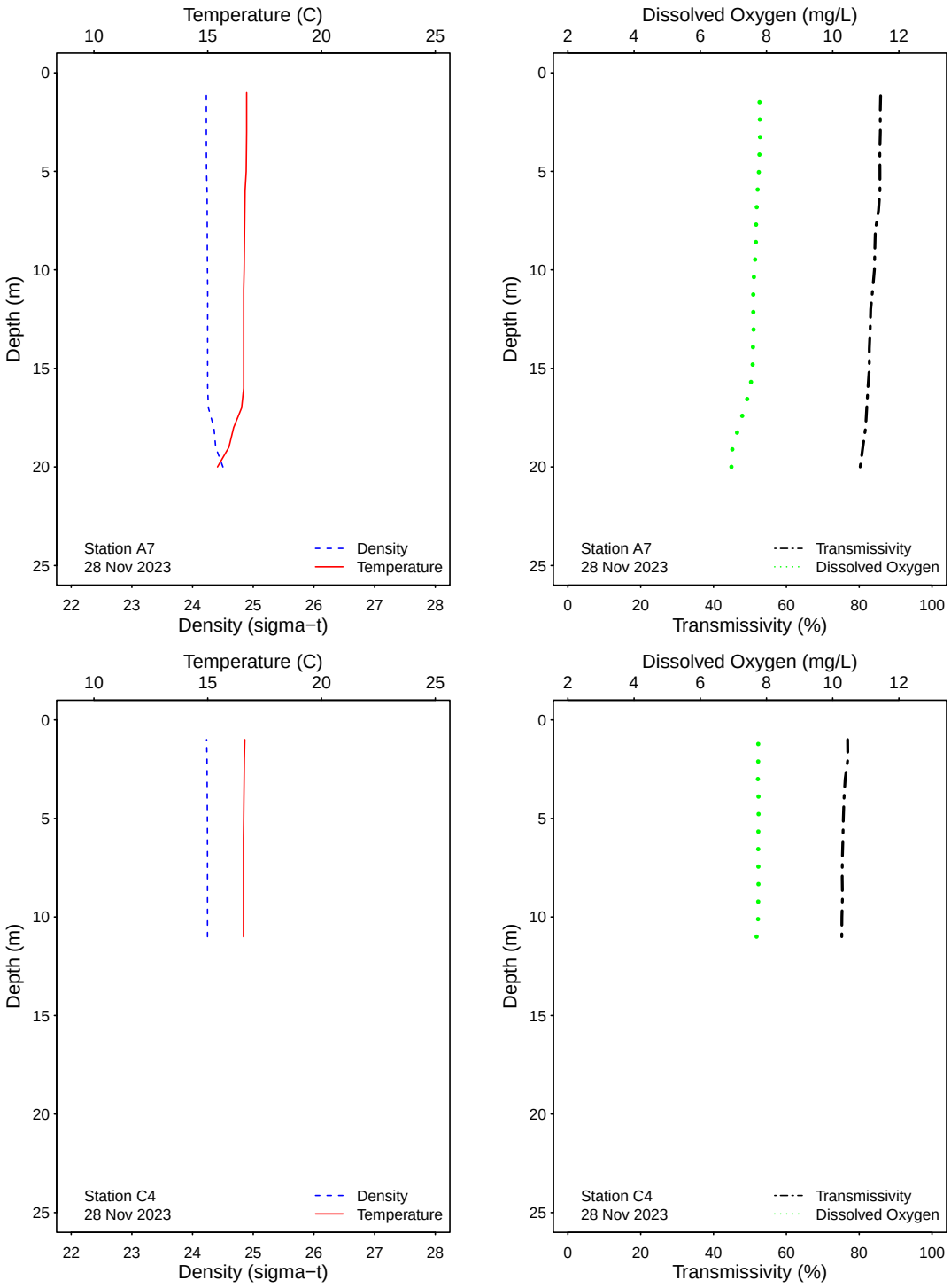

Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

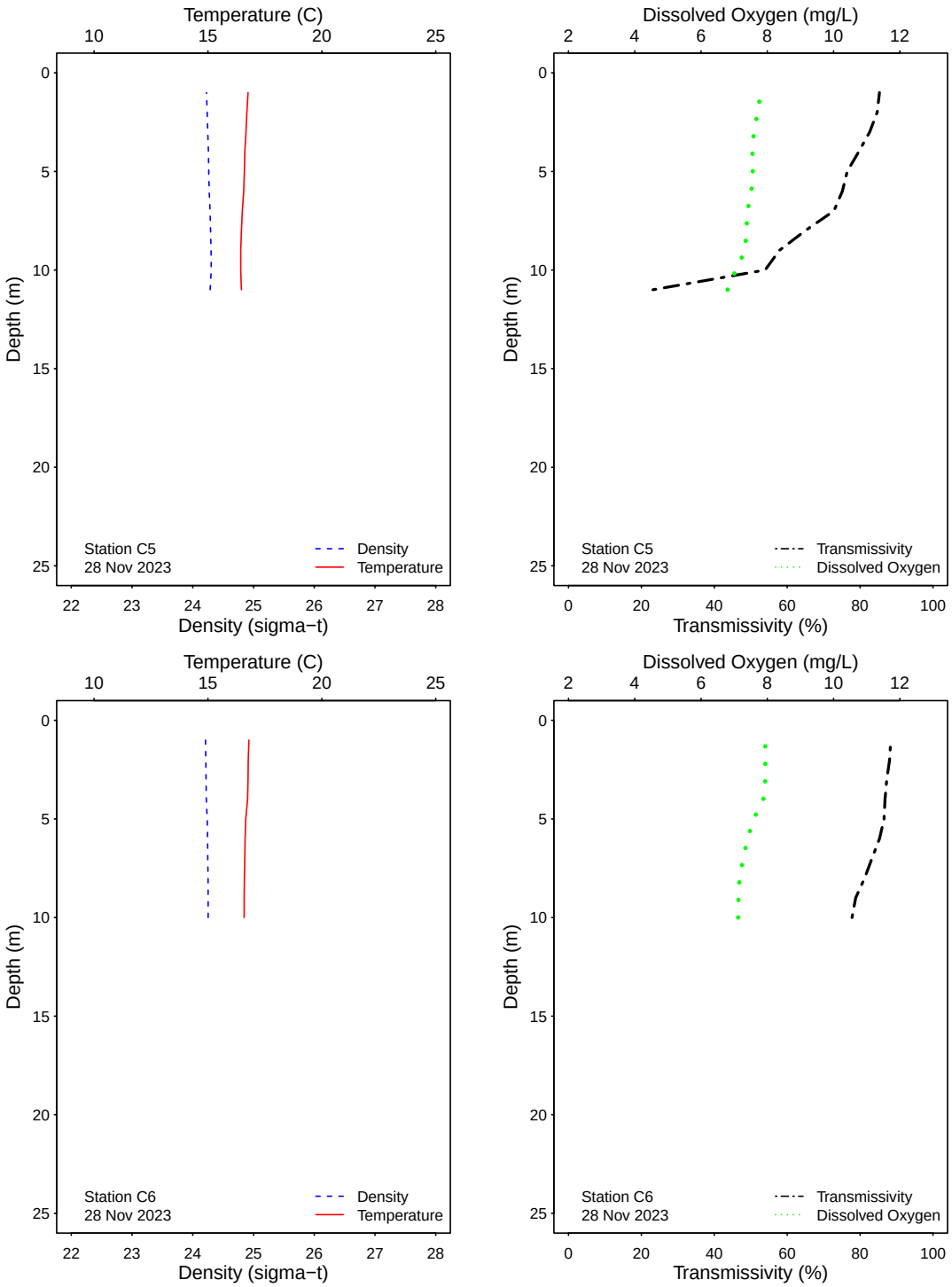

Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

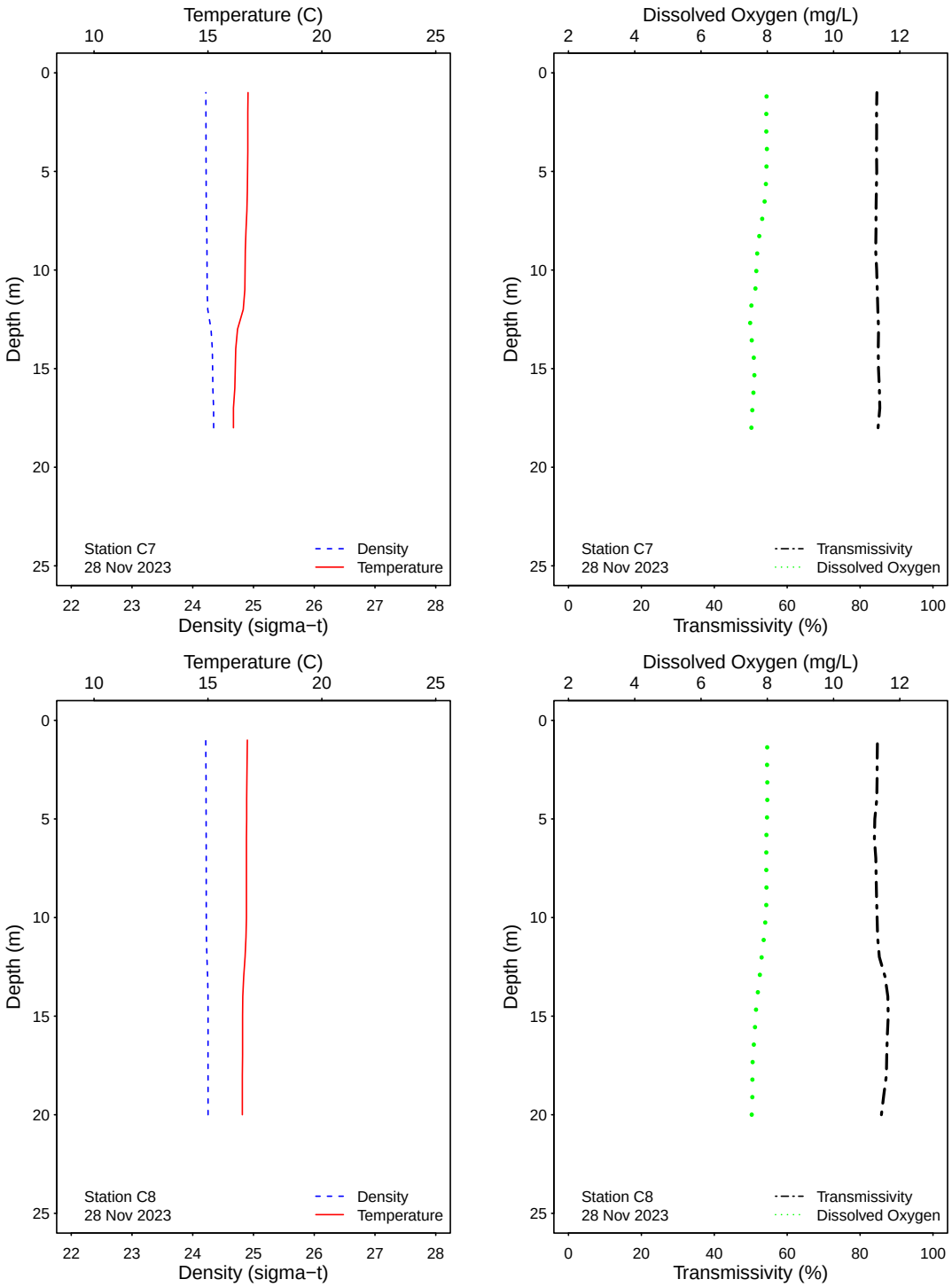

Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

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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
15 Nov 2023	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	ns	ns	ns
16 Nov 2023	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	IC	IC	IC

IC = In Compliance
E = Exceedance
ns = not sampled
ND = no data

Table 4.2

Summary of water quality parameters at the PLOO offshore stations for each sample date. Density of *Enterococcus* (Entero) 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	Entero	Temp	XMS	DO	Sal	pH
F01	15 Nov 2023	1130	1	<2	16.4	81.74	7.9	33.23	8.1
F01	15 Nov 2023	1130	12	<2	15.6	86.50	8.1	33.21	8.1
F01	15 Nov 2023	1130	18	<2	15.0	75.48	7.2	33.20	8.0
F02	15 Nov 2023	818	1	<2	17.5	89.45	8.1	33.27	8.2
F02	15 Nov 2023	818	12	<2	16.7	87.58	7.8	33.20	8.1
F02	15 Nov 2023	818	18	<2	15.7	85.13	7.3	33.19	8.1
F03	15 Nov 2023	835	1	<2	16.8	86.39	8.5	33.21	8.2
F03	15 Nov 2023	835	12	<2	16.3	84.47	7.8	33.20	8.1
F03	15 Nov 2023	835	18	4e	15.2	79.42	7.2	33.20	8.1
F04	15 Nov 2023	1107	1	<2	18.0	91.40	7.9	33.28	8.2
F04	15 Nov 2023	1107	25	<2	15.9	90.94	8.2	33.16	8.1
F04	15 Nov 2023	1107	60	<2	14.3	88.92	7.0	33.22	8.0
F05	15 Nov 2023	1055	1	<2	18.0	90.94	7.9	33.28	8.2
F05	15 Nov 2023	1055	25	<2	16.2	91.22	8.3	33.16	8.1
F05	15 Nov 2023	1055	60	<2	14.1	83.27	6.8	33.23	8.0
F06	15 Nov 2023	1042	1	<2	18.1	91.40	7.9	33.29	8.2
F06	15 Nov 2023	1042	25	<2	16.4	91.21	8.3	33.16	8.1
F06	15 Nov 2023	1042	60	<2	14.1	88.45	7.1	33.21	8.0
F07	15 Nov 2023	1027	1	<2	18.1	91.43	7.7	33.28	8.2
F07	15 Nov 2023	1027	25	<2	16.2	90.84	8.3	33.16	8.1
F07	15 Nov 2023	1027	60	<2	13.9	87.52	6.8	33.23	8.0
F08	15 Nov 2023	1012	1	<2	18.1	91.55	7.8	33.29	8.2
F08	15 Nov 2023	1012	25	<2	16.5	91.26	8.2	33.17	8.1
F08	15 Nov 2023	1012	60	<2	13.8	86.00	6.7	33.24	8.0
F09	15 Nov 2023	1004	1	<2	18.1	91.43	7.9	33.30	8.2
F09	15 Nov 2023	1004	25	<2	15.6	90.33	7.9	33.17	8.1
F09	15 Nov 2023	1004	60	6e	13.9	87.02	6.8	33.23	8.0
F10	15 Nov 2023	945	1	<2	17.9	91.02	8.0	33.28	8.2
F10	15 Nov 2023	945	25	<2	15.9	91.21	8.4	33.14	8.1
F10	15 Nov 2023	945	60	6e	14.0	87.53	6.9	33.23	8.0
F11	15 Nov 2023	931	1	<2	17.8	91.32	8.0	33.28	8.2
F11	15 Nov 2023	931	25	<2	15.3	90.86	8.3	33.14	8.1
F11	15 Nov 2023	931	60	<2	13.9	87.24	6.8	33.23	8.0
F12	15 Nov 2023	918	1	<2	17.6	90.75	6.0	33.13	8.2
F12	15 Nov 2023	918	25	<2	15.5	91.27	8.3	33.12	8.1
F12	15 Nov 2023	918	60	12e	13.6	88.54	6.5	33.26	8.0
F13	15 Nov 2023	903	1	<2	17.3	90.89	8.2	33.21	8.2
F13	15 Nov 2023	903	25	<2	15.4	91.26	8.3	33.11	8.1
F13	15 Nov 2023	903	60	6e	13.6	88.18	6.5	33.27	8.0

Station	Date	Time	Depth	Entero	Temp	XMS	DO	Sal	pH
F14	15 Nov 2023	850	1	<2	17.2	90.61	8.2	33.21	8.2
F14	15 Nov 2023	850	25	<2	15.6	90.91	8.4	33.13	8.1
F14	15 Nov 2023	850	60	2e	13.7	87.64	6.6	33.26	8.0
F15	16 Nov 2023	1153	1	<2	17.6	89.00	8.1	33.26	8.1
F15	16 Nov 2023	1153	25	<2	15.9	90.96	8.1	33.17	8.1
F15	16 Nov 2023	1153	60	<2	14.2	92.30	7.0	33.21	7.9
F15	16 Nov 2023	1153	80	<2	13.8	91.16	6.4	33.28	7.9
F16	16 Nov 2023	1136	1	<2	17.6	88.15	8.1	33.26	8.1
F16	16 Nov 2023	1136	25	<2	16.5	89.40	8.1	33.22	8.1
F16	16 Nov 2023	1136	60	<2	14.4	89.98	6.8	33.22	7.9
F16	16 Nov 2023	1136	80	<2	13.9	90.48	6.5	33.26	7.9
F17	16 Nov 2023	1118	1	<2	17.5	88.34	8.1	33.25	8.1
F17	16 Nov 2023	1118	25	<2	16.5	88.94	8.1	33.23	8.1
F17	16 Nov 2023	1118	60	<2	14.6	89.45	6.9	33.21	7.9
F17	16 Nov 2023	1118	80	<2	14.0	87.84	6.6	33.25	7.9
F18	16 Nov 2023	1103	1	<2	17.6	91.22	8.0	33.27	8.1
F18	16 Nov 2023	1103	25	<2	16.8	90.08	8.1	33.24	8.1
F18	16 Nov 2023	1103	60	<2	14.7	87.98	6.8	33.21	7.9
F18	16 Nov 2023	1103	80	<2	14.1	86.29	6.6	33.23	7.9
F19	16 Nov 2023	1043	1	<2	17.8	90.86	8.0	33.28	8.1
F19	16 Nov 2023	1043	25	<2	16.8	90.04	7.9	33.23	8.1
F19	16 Nov 2023	1043	60	2e	14.5	88.91	6.8	33.21	7.9
F19	16 Nov 2023	1043	80	<2	14.1	88.49	6.7	33.23	7.9
F20	16 Nov 2023	1024	1	<2	17.8	90.51	7.9	33.28	8.1
F20	16 Nov 2023	1024	25	<2	16.4	88.89	7.9	33.22	8.1
F20	16 Nov 2023	1024	60	<2	14.5	89.62	7.0	33.21	7.9
F20	16 Nov 2023	1024	80	2e	13.9	87.14	6.6	33.23	7.9
F21	16 Nov 2023	1006	1	<2	18.0	90.52	7.9	33.28	8.1
F21	16 Nov 2023	1006	25	<2	16.0	90.32	7.9	33.20	8.0
F21	16 Nov 2023	1006	60	<2	14.4	89.85	6.8	33.22	7.9
F21	16 Nov 2023	1006	80	14e	13.8	87.83	6.7	33.23	7.9
F22	16 Nov 2023	952	1	<2	18.0	91.13	7.9	33.28	8.1
F22	16 Nov 2023	952	25	<2	16.1	89.99	7.9	33.20	8.0
F22	16 Nov 2023	952	60	4e	14.3	90.63	6.8	33.22	7.9
F22	16 Nov 2023	952	80	10e	13.9	88.80	6.7	33.23	7.9
F23	16 Nov 2023	937	1	<2	18.0	91.60	7.9	33.28	8.1
F23	16 Nov 2023	937	25	<2	16.1	90.89	8.1	33.18	8.1
F23	16 Nov 2023	937	60	<2	14.3	91.58	7.3	33.19	8.0
F23	16 Nov 2023	937	80	8e	13.7	87.79	6.8	33.23	7.9
F24	16 Nov 2023	923	1	<2	17.9	91.75	7.9	33.29	8.1
F24	16 Nov 2023	923	25	<2	16.3	91.66	8.3	33.16	8.1
F24	16 Nov 2023	923	60	<2	14.0	92.00	7.1	33.21	7.9
F24	16 Nov 2023	923	80	16e	13.5	88.42	6.7	33.24	7.9
F25	16 Nov 2023	902	1	<2	18.0	91.19	7.9	33.30	8.1
F25	16 Nov 2023	902	25	<2	16.5	91.98	8.3	33.17	8.1
F25	16 Nov 2023	902	60	<2	13.9	92.07	6.9	33.21	7.9
F25	16 Nov 2023	902	80	22e	13.2	88.49	6.5	33.27	7.9
F26	14 Nov 2023	1211	1	<2	18.4	91.10	7.8	33.32	8.2
F26	14 Nov 2023	1211	25	<2	15.6	90.70	8.3	33.15	8.1

Station	Date	Time	Depth	Entero	Temp	XMS	DO	Sal	pH
F26	14 Nov 2023	1211	60	<2	13.9	91.75	6.4	33.28	8.0
F26	14 Nov 2023	1211	80	<2	13.4	92.15	6.5	33.29	8.0
F26	14 Nov 2023	1211	98	<2	12.5	92.50	6.3	33.33	8.0
F27	14 Nov 2023	1156	1	<2	18.4	91.22	7.8	33.33	8.2
F27	14 Nov 2023	1156	25	<2	15.2	90.68	8.0	33.14	8.1
F27	14 Nov 2023	1156	60	<2	13.8	92.25	6.6	33.26	8.0
F27	14 Nov 2023	1156	80	<2	13.4	92.21	6.4	33.30	8.0
F27	14 Nov 2023	1156	98	2e	12.2	90.16	6.0	33.38	7.9
F28	14 Nov 2023	1141	1	<2	18.5	89.78	7.8	33.33	8.2
F28	14 Nov 2023	1141	25	<2	15.5	90.61	8.3	33.16	8.1
F28	14 Nov 2023	1141	60	<2	13.8	91.96	6.3	33.29	8.0
F28	14 Nov 2023	1141	80	<2	13.1	92.59	6.8	33.26	8.0
F28	14 Nov 2023	1141	98	2e	12.3	89.02	5.8	33.42	7.9
F29	14 Nov 2023	1120	1	<2	18.5	91.51	7.8	33.32	8.2
F29	14 Nov 2023	1120	25	<2	15.4	90.86	8.2	33.16	8.1
F29	14 Nov 2023	1120	60	<2	13.7	91.85	6.7	33.25	8.0
F29	14 Nov 2023	1120	80	14e	12.8	92.80	6.9	33.25	8.0
F29	14 Nov 2023	1120	98	<2	12.3	89.51	5.8	33.42	7.9
F30	14 Nov 2023	1105	1	<2	18.5	91.39	7.8	33.31	8.2
F30	14 Nov 2023	1105	25	<2	15.8	91.65	8.3	33.15	8.2
F30	14 Nov 2023	1105	60	<2	13.5	92.09	6.6	33.27	8.0
F30	14 Nov 2023	1105	80	320e	12.6	91.26	6.4	33.29	8.0
F30	14 Nov 2023	1105	98	320e	12.4	88.34	5.8	33.34	7.9
F31	14 Nov 2023	1049	1	<2	18.5	91.88	7.8	33.31	8.2
F31	14 Nov 2023	1049	25	2e	16.3	91.72	8.3	33.17	8.2
F31	14 Nov 2023	1049	60	2e	13.1	92.60	7.2	33.22	8.0
F31	14 Nov 2023	1049	80	660	12.3	90.17	6.0	33.31	7.9
F31	14 Nov 2023	1049	98	460	12.2	89.79	5.3	33.41	7.9
F32	14 Nov 2023	1034	1	2e	18.5	92.08	7.8	33.31	8.2
F32	14 Nov 2023	1034	25	<2	16.4	91.36	8.3	33.16	8.2
F32	14 Nov 2023	1034	60	2e	13.3	92.25	7.3	33.20	8.0
F32	14 Nov 2023	1034	80	620	12.2	91.28	5.8	33.34	7.9
F32	14 Nov 2023	1034	98	720	12.2	89.62	5.2	33.39	7.9
F33	14 Nov 2023	1018	1	<2	18.4	91.87	7.8	33.30	8.2
F33	14 Nov 2023	1018	25	<2	16.3	91.46	8.3	33.16	8.2
F33	14 Nov 2023	1018	60	<2	13.1	92.51	7.2	33.21	8.0
F33	14 Nov 2023	1018	80	300e	12.2	92.83	6.4	33.32	8.0
F33	14 Nov 2023	1018	98	200e	12.3	90.36	5.2	33.45	7.9
F34	14 Nov 2023	1002	1	<2	17.9	91.13	7.9	33.29	8.2
F34	14 Nov 2023	1002	25	<2	17.0	91.21	8.3	33.19	8.2
F34	14 Nov 2023	1002	60	<2	13.1	92.60	7.2	33.22	8.0
F34	14 Nov 2023	1002	80	20e	12.2	93.18	6.5	33.32	8.0
F34	14 Nov 2023	1002	98	200e	12.4	90.72	4.8	33.49	7.8
F35	14 Nov 2023	936	1	<2	17.3	90.35	8.2	33.21	8.2
F35	14 Nov 2023	936	25	4e	16.7	91.69	8.3	33.18	8.1
F35	14 Nov 2023	936	60	2e	13.1	92.57	7.2	33.22	8.0
F35	14 Nov 2023	936	80	240e	12.7	92.34	5.8	33.39	7.9
F35	14 Nov 2023	936	98	140e	12.3	90.80	4.9	33.51	7.8
F36	14 Nov 2023	907	1	<2	17.3	91.10	8.2	33.21	8.1
F36	14 Nov 2023	907	25	<2	16.6	91.74	8.2	33.17	8.1
F36	14 Nov 2023	907	60	<2	13.2	92.46	7.3	33.19	8.0

Station	Date	Time	Depth	Entero	Temp	XMS	DO	Sal	pH
F36	14 Nov 2023	907	80	240e	12.5	92.50	6.0	33.34	7.9
F36	14 Nov 2023	907	98	70	12.5	91.68	4.8	33.54	7.8

ns = not sampled
ND = no data

Table 4.3

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

Station	Date	Parameter	Value
F01	15 Nov 2023	Depth (m)	21
F01	15 Nov 2023	Arrive Time	1130
F01	15 Nov 2023	Depart Time	1135
F01	15 Nov 2023	Air Temp (C)	16.2
F01	15 Nov 2023	Weather	Continuous Layer of Clouds
F01	15 Nov 2023	Visibility (mi)	10
F01	15 Nov 2023	Wind Speed (kts)	11.3
F01	15 Nov 2023	Wind Dir	S
F01	15 Nov 2023	Water Color	Blue
F01	15 Nov 2023	Wave Ht Low (ft)	4
F01	15 Nov 2023	Wave Period (sec)	13
F01	15 Nov 2023	Sea State	Light Chop
F01	15 Nov 2023	High Tide (ft)	6.19
F01	15 Nov 2023	High Tide Time	906
F01	15 Nov 2023	Low Tide (ft)	-0.61
F01	15 Nov 2023	Low Tide Time	1636
F01	15 Nov 2023	Comments	none
F02	15 Nov 2023	Depth (m)	21
F02	15 Nov 2023	Arrive Time	818
F02	15 Nov 2023	Depart Time	822
F02	15 Nov 2023	Air Temp (C)	17.5
F02	15 Nov 2023	Weather	Partly Cloudy
F02	15 Nov 2023	Visibility (mi)	10
F02	15 Nov 2023	Wind Speed (kts)	5.3
F02	15 Nov 2023	Wind Dir	SE
F02	15 Nov 2023	Water Color	Blueish-Green
F02	15 Nov 2023	Wave Ht Low (ft)	4
F02	15 Nov 2023	Wave Period (sec)	13
F02	15 Nov 2023	Sea State	Light Chop
F02	15 Nov 2023	High Tide (ft)	6.19
F02	15 Nov 2023	High Tide Time	906
F02	15 Nov 2023	Low Tide (ft)	-0.61
F02	15 Nov 2023	Low Tide Time	1636
F02	15 Nov 2023	Comments	none
F03	15 Nov 2023	Depth (m)	20
F03	15 Nov 2023	Arrive Time	835
F03	15 Nov 2023	Depart Time	839
F03	15 Nov 2023	Air Temp (C)	17.5
F03	15 Nov 2023	Weather	Partly Cloudy
F03	15 Nov 2023	Visibility (mi)	10
F03	15 Nov 2023	Wind Speed (kts)	5.5
F03	15 Nov 2023	Wind Dir	NE
F03	15 Nov 2023	Water Color	Blueish-Green
F03	15 Nov 2023	Wave Ht Low (ft)	4
F03	15 Nov 2023	Wave Period (sec)	13
F03	15 Nov 2023	Sea State	Light Chop
F03	15 Nov 2023	High Tide (ft)	6.19
F03	15 Nov 2023	High Tide Time	906
F03	15 Nov 2023	Low Tide (ft)	-0.61
F03	15 Nov 2023	Low Tide Time	1636
F03	15 Nov 2023	Comments	none
F04	15 Nov 2023	Depth (m)	61
F04	15 Nov 2023	Arrive Time	1107

Station	Date	Parameter	Value
F04	15 Nov 2023	Depart Time	1113
F04	15 Nov 2023	Air Temp (C)	16
F04	15 Nov 2023	Weather	Thunderstorm
F04	15 Nov 2023	Visibility (mi)	10
F04	15 Nov 2023	Wind Speed (kts)	13.8
F04	15 Nov 2023	Wind Dir	S
F04	15 Nov 2023	Water Color	Blue
F04	15 Nov 2023	Wave Ht Low (ft)	4
F04	15 Nov 2023	Wave Period (sec)	13
F04	15 Nov 2023	Sea State	Light Chop
F04	15 Nov 2023	High Tide (ft)	6.19
F04	15 Nov 2023	High Tide Time	906
F04	15 Nov 2023	Low Tide (ft)	-0.61
F04	15 Nov 2023	Low Tide Time	1636
F04	15 Nov 2023	Comments	none
F05	15 Nov 2023	Depth (m)	63
F05	15 Nov 2023	Arrive Time	1055
F05	15 Nov 2023	Depart Time	1100
F05	15 Nov 2023	Air Temp (C)	16.5
F05	15 Nov 2023	Weather	Thunderstorm
F05	15 Nov 2023	Visibility (mi)	10
F05	15 Nov 2023	Wind Speed (kts)	7.6
F05	15 Nov 2023	Wind Dir	SE
F05	15 Nov 2023	Water Color	Blue
F05	15 Nov 2023	Wave Ht Low (ft)	4
F05	15 Nov 2023	Wave Period (sec)	13
F05	15 Nov 2023	Sea State	Light Chop
F05	15 Nov 2023	High Tide (ft)	6.19
F05	15 Nov 2023	High Tide Time	906
F05	15 Nov 2023	Low Tide (ft)	-0.61
F05	15 Nov 2023	Low Tide Time	1636
F05	15 Nov 2023	Comments	none
F06	15 Nov 2023	Depth (m)	62
F06	15 Nov 2023	Arrive Time	1042
F06	15 Nov 2023	Depart Time	1047
F06	15 Nov 2023	Air Temp (C)	17.3
F06	15 Nov 2023	Weather	Thunderstorm
F06	15 Nov 2023	Visibility (mi)	10
F06	15 Nov 2023	Wind Speed (kts)	8.7
F06	15 Nov 2023	Wind Dir	S
F06	15 Nov 2023	Water Color	Blue
F06	15 Nov 2023	Wave Ht Low (ft)	4
F06	15 Nov 2023	Wave Period (sec)	13
F06	15 Nov 2023	Sea State	Light Chop
F06	15 Nov 2023	High Tide (ft)	6.19
F06	15 Nov 2023	High Tide Time	906
F06	15 Nov 2023	Low Tide (ft)	-0.61
F06	15 Nov 2023	Low Tide Time	1636
F06	15 Nov 2023	Comments	none
F07	15 Nov 2023	Depth (m)	64
F07	15 Nov 2023	Arrive Time	1027
F07	15 Nov 2023	Depart Time	1033
F07	15 Nov 2023	Air Temp (C)	18.3
F07	15 Nov 2023	Weather	Thunderstorm
F07	15 Nov 2023	Visibility (mi)	10
F07	15 Nov 2023	Wind Speed (kts)	11.3
F07	15 Nov 2023	Wind Dir	S
F07	15 Nov 2023	Water Color	Blue

Station	Date	Parameter	Value
F07	15 Nov 2023	Wave Ht Low (ft)	4
F07	15 Nov 2023	Wave Period (sec)	13
F07	15 Nov 2023	Sea State	Light Chop
F07	15 Nov 2023	High Tide (ft)	6.19
F07	15 Nov 2023	High Tide Time	906
F07	15 Nov 2023	Low Tide (ft)	-0.61
F07	15 Nov 2023	Low Tide Time	1636
F07	15 Nov 2023	Comments	none
F08	15 Nov 2023	Depth (m)	62
F08	15 Nov 2023	Arrive Time	1012
F08	15 Nov 2023	Depart Time	1018
F08	15 Nov 2023	Air Temp (C)	18.3
F08	15 Nov 2023	Weather	Thunderstorm
F08	15 Nov 2023	Visibility (mi)	10
F08	15 Nov 2023	Wind Speed (kts)	23
F08	15 Nov 2023	Wind Dir	SW
F08	15 Nov 2023	Water Color	Blue
F08	15 Nov 2023	Wave Ht Low (ft)	4
F08	15 Nov 2023	Wave Period (sec)	13
F08	15 Nov 2023	Sea State	Light Chop
F08	15 Nov 2023	High Tide (ft)	6.19
F08	15 Nov 2023	High Tide Time	906
F08	15 Nov 2023	Low Tide (ft)	-0.61
F08	15 Nov 2023	Low Tide Time	1636
F08	15 Nov 2023	Comments	none
F09	15 Nov 2023	Depth (m)	62
F09	15 Nov 2023	Arrive Time	1004
F09	15 Nov 2023	Depart Time	1006
F09	15 Nov 2023	Air Temp (C)	18.6
F09	15 Nov 2023	Weather	Thunderstorm
F09	15 Nov 2023	Visibility (mi)	10
F09	15 Nov 2023	Wind Speed (kts)	8.2
F09	15 Nov 2023	Wind Dir	W
F09	15 Nov 2023	Water Color	Blue
F09	15 Nov 2023	Wave Ht Low (ft)	4
F09	15 Nov 2023	Wave Period (sec)	13
F09	15 Nov 2023	Sea State	Light Chop
F09	15 Nov 2023	High Tide (ft)	6.19
F09	15 Nov 2023	High Tide Time	906
F09	15 Nov 2023	Low Tide (ft)	-0.61
F09	15 Nov 2023	Low Tide Time	1636
F09	15 Nov 2023	Comments	none
F10	15 Nov 2023	Depth (m)	62
F10	15 Nov 2023	Arrive Time	945
F10	15 Nov 2023	Depart Time	950
F10	15 Nov 2023	Air Temp (C)	18.1
F10	15 Nov 2023	Weather	Thunderstorm
F10	15 Nov 2023	Visibility (mi)	10
F10	15 Nov 2023	Wind Speed (kts)	1.4
F10	15 Nov 2023	Wind Dir	SW
F10	15 Nov 2023	Water Color	Blue
F10	15 Nov 2023	Wave Ht Low (ft)	4
F10	15 Nov 2023	Wave Period (sec)	13
F10	15 Nov 2023	Sea State	Light Chop
F10	15 Nov 2023	High Tide (ft)	6.19
F10	15 Nov 2023	High Tide Time	906
F10	15 Nov 2023	Low Tide (ft)	-0.61
F10	15 Nov 2023	Low Tide Time	1636

Station	Date	Parameter	Value
F10	15 Nov 2023	Comments	none
F11	15 Nov 2023	Depth (m)	61
F11	15 Nov 2023	Arrive Time	931
F11	15 Nov 2023	Depart Time	938
F11	15 Nov 2023	Air Temp (C)	18.3
F11	15 Nov 2023	Weather	Overcast
F11	15 Nov 2023	Visibility (mi)	10
F11	15 Nov 2023	Wind Speed (kts)	9.1
F11	15 Nov 2023	Wind Dir	S
F11	15 Nov 2023	Water Color	Blue
F11	15 Nov 2023	Wave Ht Low (ft)	4
F11	15 Nov 2023	Wave Period (sec)	13
F11	15 Nov 2023	Sea State	Light Chop
F11	15 Nov 2023	High Tide (ft)	6.19
F11	15 Nov 2023	High Tide Time	906
F11	15 Nov 2023	Low Tide (ft)	-0.61
F11	15 Nov 2023	Low Tide Time	1636
F11	15 Nov 2023	Comments	none
F12	15 Nov 2023	Depth (m)	62
F12	15 Nov 2023	Arrive Time	918
F12	15 Nov 2023	Depart Time	923
F12	15 Nov 2023	Air Temp (C)	18
F12	15 Nov 2023	Weather	Overcast
F12	15 Nov 2023	Visibility (mi)	10
F12	15 Nov 2023	Wind Speed (kts)	10.5
F12	15 Nov 2023	Wind Dir	SE
F12	15 Nov 2023	Water Color	Blueish-Green
F12	15 Nov 2023	Wave Ht Low (ft)	4
F12	15 Nov 2023	Wave Period (sec)	13
F12	15 Nov 2023	Sea State	Light Chop
F12	15 Nov 2023	High Tide (ft)	6.19
F12	15 Nov 2023	High Tide Time	906
F12	15 Nov 2023	Low Tide (ft)	-0.61
F12	15 Nov 2023	Low Tide Time	1636
F12	15 Nov 2023	Comments	none
F13	15 Nov 2023	Depth (m)	62
F13	15 Nov 2023	Arrive Time	903
F13	15 Nov 2023	Depart Time	915
F13	15 Nov 2023	Air Temp (C)	17.9
F13	15 Nov 2023	Weather	Overcast
F13	15 Nov 2023	Visibility (mi)	10
F13	15 Nov 2023	Wind Speed (kts)	6.3
F13	15 Nov 2023	Wind Dir	SE
F13	15 Nov 2023	Water Color	Blueish-Green
F13	15 Nov 2023	Wave Ht Low (ft)	4
F13	15 Nov 2023	Wave Period (sec)	13
F13	15 Nov 2023	Sea State	Light Chop
F13	15 Nov 2023	High Tide (ft)	6.19
F13	15 Nov 2023	High Tide Time	906
F13	15 Nov 2023	Low Tide (ft)	-0.61
F13	15 Nov 2023	Low Tide Time	1636
F13	15 Nov 2023	Comments	OA 1m Btl# Nsk# 5;OA 60m Btl# Nsk# 4
F14	15 Nov 2023	Depth (m)	61
F14	15 Nov 2023	Arrive Time	850
F14	15 Nov 2023	Depart Time	856
F14	15 Nov 2023	Air Temp (C)	17.6
F14	15 Nov 2023	Weather	Overcast

Station	Date	Parameter	Value
F14	15 Nov 2023	Visibility (mi)	10
F14	15 Nov 2023	Wind Speed (kts)	1.6
F14	15 Nov 2023	Wind Dir	SE
F14	15 Nov 2023	Water Color	Blueish-Green
F14	15 Nov 2023	Wave Ht Low (ft)	4
F14	15 Nov 2023	Wave Period (sec)	13
F14	15 Nov 2023	Sea State	Light Chop
F14	15 Nov 2023	High Tide (ft)	6.19
F14	15 Nov 2023	High Tide Time	906
F14	15 Nov 2023	Low Tide (ft)	-0.61
F14	15 Nov 2023	Low Tide Time	1636
F14	15 Nov 2023	Comments	none
F15	16 Nov 2023	Depth (m)	83
F15	16 Nov 2023	Arrive Time	1153
F15	16 Nov 2023	Depart Time	1208
F15	16 Nov 2023	Air Temp (C)	18
F15	16 Nov 2023	Weather	Partly Cloudy
F15	16 Nov 2023	Visibility (mi)	10
F15	16 Nov 2023	Wind Speed (kts)	4
F15	16 Nov 2023	Wind Dir	N
F15	16 Nov 2023	Water Color	Blue
F15	16 Nov 2023	Wave Ht Low (ft)	5
F15	16 Nov 2023	Wave Period (sec)	17
F15	16 Nov 2023	Sea State	Regular Swell
F15	16 Nov 2023	High Tide (ft)	6.03
F15	16 Nov 2023	High Tide Time	942
F15	16 Nov 2023	Low Tide (ft)	-0.49
F15	16 Nov 2023	Low Tide Time	1730
F15	16 Nov 2023	Comments	OA 1m Btl# JA00093-1 Nsk# 5; OA 80m Btl# JA00094-1
F16	16 Nov 2023	Depth (m)	82
F16	16 Nov 2023	Arrive Time	1136
F16	16 Nov 2023	Depart Time	1143
F16	16 Nov 2023	Air Temp (C)	18.1
F16	16 Nov 2023	Weather	Partly Cloudy
F16	16 Nov 2023	Visibility (mi)	10
F16	16 Nov 2023	Wind Speed (kts)	4.5
F16	16 Nov 2023	Wind Dir	N
F16	16 Nov 2023	Water Color	Blue
F16	16 Nov 2023	Wave Ht Low (ft)	5
F16	16 Nov 2023	Wave Period (sec)	17
F16	16 Nov 2023	Sea State	Regular Swell
F16	16 Nov 2023	High Tide (ft)	6.03
F16	16 Nov 2023	High Tide Time	942
F16	16 Nov 2023	Low Tide (ft)	-0.49
F16	16 Nov 2023	Low Tide Time	1730
F16	16 Nov 2023	Comments	none
F17	16 Nov 2023	Depth (m)	82
F17	16 Nov 2023	Arrive Time	1118
F17	16 Nov 2023	Depart Time	1130
F17	16 Nov 2023	Air Temp (C)	18.1
F17	16 Nov 2023	Weather	Partly Cloudy
F17	16 Nov 2023	Visibility (mi)	10
F17	16 Nov 2023	Wind Speed (kts)	4.5
F17	16 Nov 2023	Wind Dir	N
F17	16 Nov 2023	Water Color	Blue
F17	16 Nov 2023	Wave Ht Low (ft)	5
F17	16 Nov 2023	Wave Period (sec)	17
F17	16 Nov 2023	Sea State	Regular Swell

Station	Date	Parameter	Value
F17	16 Nov 2023	High Tide (ft)	6.03
F17	16 Nov 2023	High Tide Time	942
F17	16 Nov 2023	Low Tide (ft)	-0.49
F17	16 Nov 2023	Low Tide Time	1730
F17	16 Nov 2023	Comments	Failed to fire bottom bottle on first cast; Conducted second cast for manual fire bottom sample no data collection
F18	16 Nov 2023	Depth (m)	82
F18	16 Nov 2023	Arrive Time	1103
F18	16 Nov 2023	Depart Time	1110
F18	16 Nov 2023	Air Temp (C)	18.2
F18	16 Nov 2023	Weather	Partly Cloudy
F18	16 Nov 2023	Visibility (mi)	10
F18	16 Nov 2023	Wind Speed (kts)	5.7
F18	16 Nov 2023	Wind Dir	N
F18	16 Nov 2023	Water Color	Blue
F18	16 Nov 2023	Wave Ht Low (ft)	5
F18	16 Nov 2023	Wave Period (sec)	17
F18	16 Nov 2023	Sea State	Regular Swell
F18	16 Nov 2023	High Tide (ft)	6.03
F18	16 Nov 2023	High Tide Time	942
F18	16 Nov 2023	Low Tide (ft)	-0.49
F18	16 Nov 2023	Low Tide Time	1730
F18	16 Nov 2023	Comments	none
F19	16 Nov 2023	Depth (m)	83
F19	16 Nov 2023	Arrive Time	1043
F19	16 Nov 2023	Depart Time	1051
F19	16 Nov 2023	Air Temp (C)	18.3
F19	16 Nov 2023	Weather	Partly Cloudy
F19	16 Nov 2023	Visibility (mi)	10
F19	16 Nov 2023	Wind Speed (kts)	5.2
F19	16 Nov 2023	Wind Dir	N
F19	16 Nov 2023	Water Color	Blue
F19	16 Nov 2023	Wave Ht Low (ft)	5
F19	16 Nov 2023	Wave Period (sec)	17
F19	16 Nov 2023	Sea State	Regular Swell
F19	16 Nov 2023	High Tide (ft)	6.03
F19	16 Nov 2023	High Tide Time	942
F19	16 Nov 2023	Low Tide (ft)	-0.49
F19	16 Nov 2023	Low Tide Time	1730
F19	16 Nov 2023	Comments	none
F20	16 Nov 2023	Depth (m)	83
F20	16 Nov 2023	Arrive Time	1024
F20	16 Nov 2023	Depart Time	1032
F20	16 Nov 2023	Air Temp (C)	18
F20	16 Nov 2023	Weather	Partly Cloudy
F20	16 Nov 2023	Visibility (mi)	10
F20	16 Nov 2023	Wind Speed (kts)	1.5
F20	16 Nov 2023	Wind Dir	SE
F20	16 Nov 2023	Water Color	Blue
F20	16 Nov 2023	Wave Ht Low (ft)	5
F20	16 Nov 2023	Wave Period (sec)	17
F20	16 Nov 2023	Sea State	Regular Swell
F20	16 Nov 2023	High Tide (ft)	6.03
F20	16 Nov 2023	High Tide Time	942
F20	16 Nov 2023	Low Tide (ft)	-0.49
F20	16 Nov 2023	Low Tide Time	1730
F20	16 Nov 2023	Comments	none

Station	Date	Parameter	Value
F21	16 Nov 2023	Depth (m)	85
F21	16 Nov 2023	Arrive Time	1006
F21	16 Nov 2023	Depart Time	1016
F21	16 Nov 2023	Air Temp (C)	18.1
F21	16 Nov 2023	Weather	Partly Cloudy
F21	16 Nov 2023	Visibility (mi)	10
F21	16 Nov 2023	Wind Speed (kts)	5.8
F21	16 Nov 2023	Wind Dir	S
F21	16 Nov 2023	Water Color	Blue
F21	16 Nov 2023	Wave Ht Low (ft)	5
F21	16 Nov 2023	Wave Period (sec)	17
F21	16 Nov 2023	Sea State	Regular Swell
F21	16 Nov 2023	High Tide (ft)	6.03
F21	16 Nov 2023	High Tide Time	942
F21	16 Nov 2023	Low Tide (ft)	-0.49
F21	16 Nov 2023	Low Tide Time	1730
F21	16 Nov 2023	Comments	none
F22	16 Nov 2023	Depth (m)	84
F22	16 Nov 2023	Arrive Time	952
F22	16 Nov 2023	Depart Time	959
F22	16 Nov 2023	Air Temp (C)	18
F22	16 Nov 2023	Weather	Partly Cloudy
F22	16 Nov 2023	Visibility (mi)	10
F22	16 Nov 2023	Wind Speed (kts)	4.2
F22	16 Nov 2023	Wind Dir	N
F22	16 Nov 2023	Water Color	Blue
F22	16 Nov 2023	Wave Ht Low (ft)	5
F22	16 Nov 2023	Wave Period (sec)	17
F22	16 Nov 2023	Sea State	Regular Swell
F22	16 Nov 2023	High Tide (ft)	6.03
F22	16 Nov 2023	High Tide Time	942
F22	16 Nov 2023	Low Tide (ft)	-0.49
F22	16 Nov 2023	Low Tide Time	1730
F22	16 Nov 2023	Comments	none
F24	16 Nov 2023	Depth (m)	82
F24	16 Nov 2023	Arrive Time	923
F24	16 Nov 2023	Depart Time	936
F24	16 Nov 2023	Air Temp (C)	18.3
F24	16 Nov 2023	Weather	Partly Cloudy
F24	16 Nov 2023	Visibility (mi)	10
F24	16 Nov 2023	Wind Speed (kts)	0
F24	16 Nov 2023	Wind Dir	SE
F24	16 Nov 2023	Water Color	Blue
F24	16 Nov 2023	Wave Ht Low (ft)	5
F24	16 Nov 2023	Wave Period (sec)	17
F24	16 Nov 2023	Sea State	Regular Swell
F24	16 Nov 2023	High Tide (ft)	6.03
F24	16 Nov 2023	High Tide Time	942
F24	16 Nov 2023	Low Tide (ft)	-0.49
F24	16 Nov 2023	Low Tide Time	1730
F24	16 Nov 2023	Comments	none
F25	16 Nov 2023	Depth (m)	81
F25	16 Nov 2023	Arrive Time	902
F25	16 Nov 2023	Depart Time	920
F25	16 Nov 2023	Air Temp (C)	17.9
F25	16 Nov 2023	Weather	Partly Cloudy
F25	16 Nov 2023	Visibility (mi)	10
F25	16 Nov 2023	Wind Speed (kts)	2.9

Station	Date	Parameter	Value
F25	16 Nov 2023	Wind Dir	E
F25	16 Nov 2023	Water Color	Blue
F25	16 Nov 2023	Wave Ht Low (ft)	5
F25	16 Nov 2023	Wave Period (sec)	17
F25	16 Nov 2023	Sea State	Regular Swell
F25	16 Nov 2023	High Tide (ft)	6.03
F25	16 Nov 2023	High Tide Time	942
F25	16 Nov 2023	Low Tide (ft)	-0.49
F25	16 Nov 2023	Low Tide Time	1730
F25	16 Nov 2023	Comments	Dolphins frolicking on station
F26	14 Nov 2023	Depth (m)	100
F26	14 Nov 2023	Arrive Time	1211
F26	14 Nov 2023	Depart Time	1221
F26	14 Nov 2023	Air Temp (C)	18.2
F26	14 Nov 2023	Weather	Haze
F26	14 Nov 2023	Visibility (mi)	10
F26	14 Nov 2023	Wind Speed (kts)	9.7
F26	14 Nov 2023	Wind Dir	NW
F26	14 Nov 2023	Water Color	Blue
F26	14 Nov 2023	Wave Ht Low (ft)	3.3
F26	14 Nov 2023	Wave Period (sec)	14
F26	14 Nov 2023	Sea State	Calm
F26	14 Nov 2023	High Tide (ft)	6.21
F26	14 Nov 2023	High Tide Time	830
F26	14 Nov 2023	Low Tide (ft)	-0.63
F26	14 Nov 2023	Low Tide Time	1554
F26	14 Nov 2023	Comments	none
F27	14 Nov 2023	Depth (m)	99
F27	14 Nov 2023	Arrive Time	1156
F27	14 Nov 2023	Depart Time	1206
F27	14 Nov 2023	Air Temp (C)	18.1
F27	14 Nov 2023	Weather	Haze
F27	14 Nov 2023	Visibility (mi)	10
F27	14 Nov 2023	Wind Speed (kts)	7.3
F27	14 Nov 2023	Wind Dir	N
F27	14 Nov 2023	Water Color	Blue
F27	14 Nov 2023	Wave Ht Low (ft)	3.3
F27	14 Nov 2023	Wave Period (sec)	14
F27	14 Nov 2023	Sea State	Calm
F27	14 Nov 2023	High Tide (ft)	6.21
F27	14 Nov 2023	High Tide Time	830
F27	14 Nov 2023	Low Tide (ft)	-0.63
F27	14 Nov 2023	Low Tide Time	1554
F27	14 Nov 2023	Comments	none
F28	14 Nov 2023	Depth (m)	101
F28	14 Nov 2023	Arrive Time	1141
F28	14 Nov 2023	Depart Time	1148
F28	14 Nov 2023	Air Temp (C)	18.1
F28	14 Nov 2023	Weather	Haze
F28	14 Nov 2023	Visibility (mi)	10
F28	14 Nov 2023	Wind Speed (kts)	7
F28	14 Nov 2023	Wind Dir	N
F28	14 Nov 2023	Water Color	Blue
F28	14 Nov 2023	Wave Ht Low (ft)	3.3
F28	14 Nov 2023	Wave Period (sec)	14
F28	14 Nov 2023	Sea State	Calm
F28	14 Nov 2023	High Tide (ft)	6.21
F28	14 Nov 2023	High Tide Time	830

Station	Date	Parameter	Value
F28	14 Nov 2023	Low Tide (ft)	-0.63
F28	14 Nov 2023	Low Tide Time	1554
F28	14 Nov 2023	Comments	none
F29	14 Nov 2023	Depth (m)	99
F29	14 Nov 2023	Arrive Time	1120
F29	14 Nov 2023	Depart Time	1133
F29	14 Nov 2023	Air Temp (C)	18.3
F29	14 Nov 2023	Weather	Haze
F29	14 Nov 2023	Visibility (mi)	10
F29	14 Nov 2023	Wind Speed (kts)	6.2
F29	14 Nov 2023	Wind Dir	N
F29	14 Nov 2023	Water Color	Blue
F29	14 Nov 2023	Wave Ht Low (ft)	3.3
F29	14 Nov 2023	Wave Period (sec)	14
F29	14 Nov 2023	Sea State	Calm
F29	14 Nov 2023	High Tide (ft)	6.21
F29	14 Nov 2023	High Tide Time	830
F29	14 Nov 2023	Low Tide (ft)	-0.63
F29	14 Nov 2023	Low Tide Time	1554
F29	14 Nov 2023	Comments	CDOM sensor data shifted up slightly on upcast on F30 (from 0.3 to1.2 ppb) and continued slightly elevated for F29 for both down and up casts; Recast and same result
F30	14 Nov 2023	Depth (m)	98
F30	14 Nov 2023	Arrive Time	1105
F30	14 Nov 2023	Depart Time	1113
F30	14 Nov 2023	Air Temp (C)	17.9
F30	14 Nov 2023	Weather	Haze
F30	14 Nov 2023	Visibility (mi)	10
F30	14 Nov 2023	Wind Speed (kts)	6
F30	14 Nov 2023	Wind Dir	N
F30	14 Nov 2023	Water Color	Blue
F30	14 Nov 2023	Wave Ht Low (ft)	3.3
F30	14 Nov 2023	Wave Period (sec)	14
F30	14 Nov 2023	Sea State	Calm
F30	14 Nov 2023	High Tide (ft)	6.21
F30	14 Nov 2023	High Tide Time	830
F30	14 Nov 2023	Low Tide (ft)	-0.63
F30	14 Nov 2023	Low Tide Time	1554
F30	14 Nov 2023	Comments	No OA or NO3 today per AF
F31	14 Nov 2023	Depth (m)	100
F31	14 Nov 2023	Arrive Time	1049
F31	14 Nov 2023	Depart Time	1058
F31	14 Nov 2023	Air Temp (C)	17.4
F31	14 Nov 2023	Weather	Haze
F31	14 Nov 2023	Visibility (mi)	10
F31	14 Nov 2023	Wind Speed (kts)	6.7
F31	14 Nov 2023	Wind Dir	N
F31	14 Nov 2023	Water Color	Blue
F31	14 Nov 2023	Wave Ht Low (ft)	3.3
F31	14 Nov 2023	Wave Period (sec)	14
F31	14 Nov 2023	Sea State	Calm
F31	14 Nov 2023	High Tide (ft)	6.21
F31	14 Nov 2023	High Tide Time	830
F31	14 Nov 2023	Low Tide (ft)	-0.63
F31	14 Nov 2023	Low Tide Time	1554
F31	14 Nov 2023	Comments	none
F32	14 Nov 2023	Depth (m)	102

Station	Date	Parameter	Value
F32	14 Nov 2023	Arrive Time	1034
F32	14 Nov 2023	Depart Time	1042
F32	14 Nov 2023	Air Temp (C)	17.4
F32	14 Nov 2023	Weather	Haze
F32	14 Nov 2023	Visibility (mi)	10
F32	14 Nov 2023	Wind Speed (kts)	5.2
F32	14 Nov 2023	Wind Dir	N
F32	14 Nov 2023	Water Color	Blue
F32	14 Nov 2023	Wave Ht Low (ft)	3.3
F32	14 Nov 2023	Wave Period (sec)	14
F32	14 Nov 2023	Sea State	Calm
F32	14 Nov 2023	High Tide (ft)	6.21
F32	14 Nov 2023	High Tide Time	830
F32	14 Nov 2023	Low Tide (ft)	-0.63
F32	14 Nov 2023	Low Tide Time	1554
F32	14 Nov 2023	Comments	none
F33	14 Nov 2023	Depth (m)	102
F33	14 Nov 2023	Arrive Time	1018
F33	14 Nov 2023	Depart Time	1025
F33	14 Nov 2023	Air Temp (C)	17.1
F33	14 Nov 2023	Weather	Haze
F33	14 Nov 2023	Visibility (mi)	10
F33	14 Nov 2023	Wind Speed (kts)	4.6
F33	14 Nov 2023	Wind Dir	N
F33	14 Nov 2023	Water Color	Blue
F33	14 Nov 2023	Wave Ht Low (ft)	3.3
F33	14 Nov 2023	Wave Period (sec)	14
F33	14 Nov 2023	Sea State	Calm
F33	14 Nov 2023	High Tide (ft)	6.21
F33	14 Nov 2023	High Tide Time	830
F33	14 Nov 2023	Low Tide (ft)	-0.63
F33	14 Nov 2023	Low Tide Time	1554
F33	14 Nov 2023	Comments	none
F34	14 Nov 2023	Depth (m)	101
F34	14 Nov 2023	Arrive Time	1002
F34	14 Nov 2023	Depart Time	1009
F34	14 Nov 2023	Air Temp (C)	17
F34	14 Nov 2023	Weather	Haze
F34	14 Nov 2023	Visibility (mi)	10
F34	14 Nov 2023	Wind Speed (kts)	3.1
F34	14 Nov 2023	Wind Dir	N
F34	14 Nov 2023	Water Color	Blue
F34	14 Nov 2023	Wave Ht Low (ft)	3.3
F34	14 Nov 2023	Wave Period (sec)	14
F34	14 Nov 2023	Sea State	Calm
F34	14 Nov 2023	High Tide (ft)	6.21
F34	14 Nov 2023	High Tide Time	830
F34	14 Nov 2023	Low Tide (ft)	-0.63
F34	14 Nov 2023	Low Tide Time	1554
F34	14 Nov 2023	Comments	Fired bottles on upcast
F35	14 Nov 2023	Depth (m)	101
F35	14 Nov 2023	Arrive Time	936
F35	14 Nov 2023	Depart Time	1000
F35	14 Nov 2023	Air Temp (C)	17
F35	14 Nov 2023	Weather	Haze
F35	14 Nov 2023	Visibility (mi)	10
F35	14 Nov 2023	Wind Speed (kts)	2.3
F35	14 Nov 2023	Wind Dir	N

Station	Date	Parameter	Value
F35	14 Nov 2023	Water Color	Blue
F35	14 Nov 2023	Wave Ht Low (ft)	3.3
F35	14 Nov 2023	Wave Period (sec)	14
F35	14 Nov 2023	Sea State	Calm
F35	14 Nov 2023	High Tide (ft)	6.21
F35	14 Nov 2023	High Tide Time	830
F35	14 Nov 2023	Low Tide (ft)	-0.63
F35	14 Nov 2023	Low Tide Time	1554
F35	14 Nov 2023	Comments	Fixed all Niskins and fired bottles on upcast for 1 cast OA 1m Btl# JA00095-1 Nsk# 6;OA 50m Btl# JA00096-1 Nsk# 4;OA 100m Btl# JA00097-1 Nsk# 1;OA 100m-dup Btl# JA00098-1 Nsk# 1
F36	14 Nov 2023	Depth (m)	101
F36	14 Nov 2023	Arrive Time	907
F36	14 Nov 2023	Depart Time	928
F36	14 Nov 2023	Air Temp (C)	17.2
F36	14 Nov 2023	Weather	Haze
F36	14 Nov 2023	Visibility (mi)	10
F36	14 Nov 2023	Wind Speed (kts)	2
F36	14 Nov 2023	Wind Dir	NE
F36	14 Nov 2023	Water Color	Blue
F36	14 Nov 2023	Wave Ht Low (ft)	3.3
F36	14 Nov 2023	Wave Period (sec)	14
F36	14 Nov 2023	Sea State	Calm
F36	14 Nov 2023	High Tide (ft)	6.21
F36	14 Nov 2023	High Tide Time	830
F36	14 Nov 2023	Low Tide (ft)	-0.63
F36	14 Nov 2023	Low Tide Time	1554
F36	14 Nov 2023	Comments	Bottles 4 and 6 did not fire; recast for 80m depth only

Table 4.4

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

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F01	15 Nov 2023	1	16.39	81.74	7.9	33.23	8.1	24.3	2.02
F01	15 Nov 2023	2	16.38	82.19	7.9	33.23	8.1	24.3	2.11
F01	15 Nov 2023	3	16.19	82.39	8.0	33.22	8.1	24.3	2.32
F01	15 Nov 2023	4	15.99	82.51	8.2	33.23	8.1	24.4	2.14
F01	15 Nov 2023	5	15.98	83.40	8.3	33.22	8.1	24.4	1.99
F01	15 Nov 2023	6	15.98	84.11	8.4	33.22	8.1	24.4	2.05
F01	15 Nov 2023	7	15.95	84.39	8.4	33.22	8.1	24.4	2.21
F01	15 Nov 2023	8	15.91	84.79	8.4	33.22	8.1	24.4	2.42
F01	15 Nov 2023	9	15.90	84.91	8.4	33.22	8.1	24.4	2.59
F01	15 Nov 2023	10	15.77	85.15	8.4	33.22	8.1	24.4	2.73
F01	15 Nov 2023	11	15.72	85.47	8.4	33.22	8.1	24.4	2.61
F01	15 Nov 2023	12	15.59	86.50	8.1	33.21	8.1	24.5	2.26
F01	15 Nov 2023	13	15.27	86.73	7.7	33.21	8.1	24.5	1.94
F01	15 Nov 2023	14	15.18	83.98	7.5	33.21	8.1	24.6	1.77
F01	15 Nov 2023	15	15.09	81.03	7.4	33.20	8.1	24.6	1.66
F01	15 Nov 2023	16	15.04	77.93	7.3	33.20	8.1	24.6	1.50
F01	15 Nov 2023	17	15.02	76.33	7.2	33.20	8.0	24.6	1.42
F01	15 Nov 2023	18	15.01	75.48	7.2	33.20	8.0	24.6	1.39
F01	15 Nov 2023	19	15.01	75.30	7.2	33.20	8.0	24.6	1.39
F01	15 Nov 2023	20	15.01	73.70	7.2	33.20	8.0	24.6	1.34
F01	15 Nov 2023	21	15.02	73.48	7.2	33.20	8.0	24.6	1.32
F02	15 Nov 2023	1	17.50	89.45	8.1	33.27	8.2	24.1	0.68
F02	15 Nov 2023	2	17.49	87.99	8.1	33.27	8.2	24.1	0.69
F02	15 Nov 2023	3	17.49	89.46	8.1	33.27	8.2	24.1	0.72
F02	15 Nov 2023	4	17.49	89.37	8.1	33.27	8.2	24.1	0.79
F02	15 Nov 2023	5	17.49	89.44	8.2	33.27	8.2	24.1	0.84
F02	15 Nov 2023	6	17.49	89.48	8.2	33.27	8.2	24.1	0.91
F02	15 Nov 2023	7	17.48	89.39	8.1	33.27	8.2	24.1	0.96
F02	15 Nov 2023	8	17.47	89.47	8.2	33.26	8.2	24.1	0.98
F02	15 Nov 2023	9	17.36	89.45	8.2	33.25	8.2	24.1	1.27
F02	15 Nov 2023	10	17.18	88.85	8.2	33.23	8.2	24.1	1.55
F02	15 Nov 2023	11	17.00	88.15	8.0	33.22	8.2	24.1	1.49
F02	15 Nov 2023	12	16.68	87.58	7.8	33.20	8.1	24.2	1.24
F02	15 Nov 2023	13	16.51	87.05	7.6	33.20	8.1	24.2	1.10
F02	15 Nov 2023	14	16.29	86.32	7.6	33.20	8.1	24.3	1.08
F02	15 Nov 2023	15	16.24	85.54	7.6	33.20	8.1	24.3	1.03
F02	15 Nov 2023	16	16.18	85.34	7.6	33.20	8.1	24.3	0.99
F02	15 Nov 2023	17	16.01	85.58	7.5	33.18	8.1	24.3	0.90
F02	15 Nov 2023	18	15.73	85.13	7.3	33.19	8.1	24.4	0.88
F02	15 Nov 2023	19	15.57	84.27	7.2	33.18	8.1	24.4	0.88
F02	15 Nov 2023	20	15.09	83.41	7.4	33.17	8.1	24.5	0.98
F02	15 Nov 2023	21	15.07	81.48	7.5	33.18	8.1	24.6	1.22
F02	15 Nov 2023	22	15.25	81.83	7.5	33.18	8.1	24.5	1.12
F03	15 Nov 2023	1	16.81	86.39	8.5	33.21	8.2	24.2	1.42
F03	15 Nov 2023	2	16.80	86.21	8.5	33.21	8.2	24.2	1.73
F03	15 Nov 2023	3	16.74	85.61	8.5	33.21	8.2	24.2	2.20
F03	15 Nov 2023	4	16.71	85.18	8.4	33.21	8.2	24.2	2.23
F03	15 Nov 2023	5	16.68	85.35	8.4	33.21	8.2	24.2	2.20
F03	15 Nov 2023	6	16.61	85.40	8.3	33.21	8.2	24.2	2.25
F03	15 Nov 2023	7	16.57	85.32	8.2	33.21	8.2	24.2	2.36
F03	15 Nov 2023	8	16.54	85.13	8.1	33.21	8.2	24.2	2.36
F03	15 Nov 2023	9	16.52	84.81	8.1	33.20	8.1	24.2	2.33
F03	15 Nov 2023	10	16.50	84.46	8.0	33.20	8.1	24.3	2.16
F03	15 Nov 2023	11	16.49	84.35	7.9	33.20	8.1	24.3	1.99

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F03	15 Nov 2023	12	16.31	84.47	7.8	33.20	8.1	24.3	1.69
F03	15 Nov 2023	13	16.12	84.19	7.7	33.20	8.1	24.3	1.41
F03	15 Nov 2023	14	16.04	82.32	7.6	33.20	8.1	24.4	1.20
F03	15 Nov 2023	15	15.89	80.19	7.5	33.20	8.1	24.4	1.19
F03	15 Nov 2023	16	15.59	79.37	7.3	33.20	8.1	24.5	1.23
F03	15 Nov 2023	17	15.45	79.35	7.3	33.20	8.1	24.5	1.30
F03	15 Nov 2023	18	15.25	79.42	7.2	33.20	8.1	24.5	1.38
F03	15 Nov 2023	19	15.16	79.64	7.2	33.20	8.1	24.5	1.41
F03	15 Nov 2023	20	15.14	79.06	7.2	33.20	8.1	24.6	1.46
F04	15 Nov 2023	1	17.98	91.40	7.9	33.28	8.2	24.0	0.48
F04	15 Nov 2023	2	17.99	91.43	7.9	33.28	8.2	24.0	0.46
F04	15 Nov 2023	3	17.99	91.42	7.9	33.28	8.2	24.0	0.48
F04	15 Nov 2023	4	17.99	91.37	7.9	33.28	8.2	24.0	0.52
F04	15 Nov 2023	5	17.98	91.39	7.9	33.28	8.2	24.0	0.52
F04	15 Nov 2023	6	17.96	91.33	8.0	33.28	8.2	24.0	0.52
F04	15 Nov 2023	7	17.94	91.24	8.0	33.28	8.2	24.0	0.57
F04	15 Nov 2023	8	17.90	91.28	7.9	33.28	8.2	24.0	0.57
F04	15 Nov 2023	9	17.89	91.09	8.0	33.28	8.2	24.0	0.57
F04	15 Nov 2023	10	17.89	91.20	8.0	33.28	8.2	24.0	0.57
F04	15 Nov 2023	11	17.88	91.23	8.0	33.28	8.2	24.0	0.56
F04	15 Nov 2023	12	17.86	91.27	8.0	33.27	8.2	24.0	0.55
F04	15 Nov 2023	13	17.84	91.28	8.0	33.27	8.2	24.0	0.55
F04	15 Nov 2023	14	17.78	91.30	8.0	33.26	8.2	24.0	0.55
F04	15 Nov 2023	15	17.74	91.38	8.0	33.26	8.2	24.0	0.56
F04	15 Nov 2023	16	17.66	91.43	8.1	33.24	8.2	24.0	0.56
F04	15 Nov 2023	17	17.53	91.49	8.1	33.23	8.2	24.0	0.55
F04	15 Nov 2023	18	17.37	91.59	8.1	33.20	8.2	24.0	0.55
F04	15 Nov 2023	19	17.10	91.61	8.1	33.19	8.2	24.1	0.56
F04	15 Nov 2023	20	16.74	91.63	8.2	33.17	8.2	24.2	0.54
F04	15 Nov 2023	21	16.61	91.61	8.2	33.17	8.2	24.2	0.59
F04	15 Nov 2023	22	16.57	91.51	8.2	33.17	8.2	24.2	0.63
F04	15 Nov 2023	23	16.34	91.40	8.2	33.17	8.2	24.3	0.71
F04	15 Nov 2023	24	16.16	91.23	8.2	33.17	8.1	24.3	0.88
F04	15 Nov 2023	25	15.90	90.94	8.2	33.16	8.1	24.4	0.99
F04	15 Nov 2023	26	15.72	90.75	8.2	33.15	8.1	24.4	1.17
F04	15 Nov 2023	27	15.47	90.48	8.2	33.15	8.1	24.4	1.34
F04	15 Nov 2023	28	15.42	90.33	8.2	33.15	8.1	24.5	1.38
F04	15 Nov 2023	29	15.36	90.20	8.2	33.16	8.1	24.5	1.46
F04	15 Nov 2023	30	15.35	89.96	8.1	33.16	8.1	24.5	1.52
F04	15 Nov 2023	31	15.33	90.16	8.1	33.17	8.1	24.5	1.40
F04	15 Nov 2023	32	15.28	90.15	8.1	33.17	8.1	24.5	1.39
F04	15 Nov 2023	33	15.23	90.12	7.9	33.17	8.1	24.5	1.39
F04	15 Nov 2023	34	15.12	90.14	7.8	33.18	8.1	24.5	1.37
F04	15 Nov 2023	35	15.08	90.01	7.8	33.18	8.1	24.6	1.42
F04	15 Nov 2023	36	14.95	90.00	7.6	33.18	8.1	24.6	1.39
F04	15 Nov 2023	37	14.75	90.08	7.5	33.18	8.1	24.6	1.36
F04	15 Nov 2023	38	14.57	90.04	7.4	33.19	8.1	24.7	1.40
F04	15 Nov 2023	39	14.51	89.99	7.4	33.19	8.1	24.7	1.30
F04	15 Nov 2023	40	14.49	89.99	7.3	33.20	8.1	24.7	1.32
F04	15 Nov 2023	41	14.47	89.86	7.3	33.20	8.1	24.7	1.28
F04	15 Nov 2023	42	14.45	89.81	7.2	33.20	8.0	24.7	1.27
F04	15 Nov 2023	43	14.43	89.79	7.2	33.20	8.0	24.7	1.25
F04	15 Nov 2023	44	14.42	89.85	7.1	33.20	8.0	24.7	1.22
F04	15 Nov 2023	45	14.41	89.89	7.1	33.21	8.0	24.7	1.22
F04	15 Nov 2023	46	14.38	89.95	7.0	33.21	8.0	24.7	1.17
F04	15 Nov 2023	47	14.35	89.89	7.0	33.21	8.0	24.7	1.14
F04	15 Nov 2023	48	14.34	89.84	7.0	33.22	8.0	24.7	1.11
F04	15 Nov 2023	49	14.33	89.74	7.0	33.21	8.0	24.7	1.12
F04	15 Nov 2023	50	14.32	89.60	7.0	33.22	8.0	24.7	1.10
F04	15 Nov 2023	51	14.32	89.35	7.0	33.21	8.0	24.7	1.20

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F04	15 Nov 2023	52	14.31	89.36	7.0	33.21	8.0	24.7	1.12
F04	15 Nov 2023	53	14.31	89.29	7.0	33.21	8.0	24.7	1.09
F04	15 Nov 2023	54	14.31	89.26	7.0	33.22	8.0	24.7	1.13
F04	15 Nov 2023	55	14.31	89.30	7.0	33.22	8.0	24.7	1.10
F04	15 Nov 2023	56	14.30	89.21	7.0	33.21	8.0	24.7	1.10
F04	15 Nov 2023	57	14.30	89.06	7.0	33.22	8.0	24.7	1.08
F04	15 Nov 2023	58	14.30	89.05	7.0	33.22	8.0	24.7	1.08
F04	15 Nov 2023	59	14.30	88.95	7.0	33.21	8.0	24.7	1.08
F04	15 Nov 2023	60	14.29	88.92	7.0	33.22	8.0	24.7	1.08
F04	15 Nov 2023	61	14.29	88.88	7.0	33.22	8.0	24.7	1.08
F04	15 Nov 2023	62	14.29	88.72	7.0	33.22	8.0	24.7	1.10
F05	15 Nov 2023	1	18.01	90.94	7.9	33.28	8.2	24.0	0.47
F05	15 Nov 2023	2	18.02	91.26	7.9	33.28	8.2	24.0	0.50
F05	15 Nov 2023	3	18.01	91.28	7.9	33.28	8.2	24.0	0.50
F05	15 Nov 2023	4	18.01	91.31	7.9	33.28	8.2	24.0	0.51
F05	15 Nov 2023	5	18.00	91.35	7.9	33.28	8.2	24.0	0.49
F05	15 Nov 2023	6	17.99	91.37	7.9	33.28	8.2	24.0	0.52
F05	15 Nov 2023	7	17.99	91.37	7.9	33.28	8.2	24.0	0.53
F05	15 Nov 2023	8	18.00	91.42	7.9	33.28	8.2	24.0	0.52
F05	15 Nov 2023	9	17.99	91.38	7.9	33.28	8.2	24.0	0.52
F05	15 Nov 2023	10	17.98	91.44	7.9	33.28	8.2	24.0	0.51
F05	15 Nov 2023	11	17.97	91.43	8.0	33.28	8.2	24.0	0.53
F05	15 Nov 2023	12	17.95	91.43	7.9	33.27	8.2	24.0	0.53
F05	15 Nov 2023	13	17.86	91.44	8.0	33.26	8.2	24.0	0.53
F05	15 Nov 2023	14	17.83	91.45	8.0	33.26	8.2	24.0	0.53
F05	15 Nov 2023	15	17.66	91.46	8.0	33.24	8.2	24.0	0.55
F05	15 Nov 2023	16	17.56	91.41	8.1	33.23	8.2	24.0	0.57
F05	15 Nov 2023	17	17.47	91.40	8.1	33.22	8.2	24.0	0.54
F05	15 Nov 2023	18	17.10	91.42	8.2	33.19	8.2	24.1	0.56
F05	15 Nov 2023	19	16.97	91.34	8.2	33.19	8.2	24.1	0.59
F05	15 Nov 2023	20	16.75	91.33	8.2	33.17	8.2	24.2	0.62
F05	15 Nov 2023	21	16.55	91.32	8.2	33.17	8.2	24.2	0.69
F05	15 Nov 2023	22	16.46	91.29	8.3	33.16	8.2	24.2	0.69
F05	15 Nov 2023	23	16.37	91.28	8.3	33.16	8.2	24.2	0.70
F05	15 Nov 2023	24	16.29	91.30	8.3	33.16	8.1	24.3	0.74
F05	15 Nov 2023	25	16.19	91.22	8.3	33.16	8.1	24.3	0.78
F05	15 Nov 2023	26	16.07	91.10	8.2	33.16	8.1	24.3	0.90
F05	15 Nov 2023	27	15.96	90.85	8.2	33.17	8.1	24.4	1.03
F05	15 Nov 2023	28	15.84	90.48	8.1	33.18	8.1	24.4	1.11
F05	15 Nov 2023	29	15.78	90.21	8.0	33.18	8.1	24.4	1.18
F05	15 Nov 2023	30	15.61	90.03	7.9	33.19	8.1	24.4	1.24
F05	15 Nov 2023	31	15.53	89.72	7.9	33.20	8.1	24.5	1.27
F05	15 Nov 2023	32	15.50	89.32	7.9	33.20	8.1	24.5	1.27
F05	15 Nov 2023	33	15.48	89.25	7.8	33.19	8.1	24.5	1.25
F05	15 Nov 2023	34	15.37	89.41	7.8	33.19	8.1	24.5	1.29
F05	15 Nov 2023	35	15.35	89.25	7.8	33.20	8.1	24.5	1.30
F05	15 Nov 2023	36	15.31	89.08	7.7	33.20	8.1	24.5	1.30
F05	15 Nov 2023	37	15.26	88.76	7.6	33.20	8.1	24.5	1.25
F05	15 Nov 2023	38	15.17	88.29	7.6	33.20	8.1	24.6	1.28
F05	15 Nov 2023	39	15.09	87.87	7.5	33.20	8.1	24.6	1.27
F05	15 Nov 2023	40	15.04	87.18	7.5	33.21	8.1	24.6	1.26
F05	15 Nov 2023	41	15.02	87.13	7.4	33.20	8.1	24.6	1.25
F05	15 Nov 2023	42	14.96	86.70	7.3	33.21	8.1	24.6	1.25
F05	15 Nov 2023	43	14.95	85.69	7.2	33.21	8.1	24.6	1.22
F05	15 Nov 2023	44	14.85	84.52	7.1	33.21	8.0	24.6	1.23
F05	15 Nov 2023	45	14.81	83.35	7.1	33.22	8.0	24.6	1.21
F05	15 Nov 2023	46	14.69	83.12	6.9	33.21	8.0	24.7	1.25
F05	15 Nov 2023	47	14.58	82.17	6.9	33.22	8.0	24.7	1.24
F05	15 Nov 2023	48	14.56	82.54	6.8	33.21	8.0	24.7	1.23
F05	15 Nov 2023	49	14.51	81.06	6.8	33.21	8.0	24.7	1.18

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F05	15 Nov 2023	50	14.46	80.17	6.7	33.22	8.0	24.7	1.15
F05	15 Nov 2023	51	14.42	80.00	6.7	33.22	8.0	24.7	1.15
F05	15 Nov 2023	52	14.28	81.83	6.8	33.22	8.0	24.8	1.12
F05	15 Nov 2023	53	14.23	82.93	6.8	33.22	8.0	24.8	1.08
F05	15 Nov 2023	54	14.21	83.32	6.8	33.22	8.0	24.8	1.04
F05	15 Nov 2023	55	14.16	83.04	6.8	33.22	8.0	24.8	1.02
F05	15 Nov 2023	56	14.16	83.49	6.8	33.22	8.0	24.8	1.01
F05	15 Nov 2023	57	14.15	83.42	6.8	33.23	8.0	24.8	1.00
F05	15 Nov 2023	58	14.13	83.50	6.8	33.23	8.0	24.8	0.99
F05	15 Nov 2023	59	14.10	83.18	6.8	33.23	8.0	24.8	0.99
F05	15 Nov 2023	60	14.10	83.27	6.8	33.23	8.0	24.8	0.98
F05	15 Nov 2023	61	14.09	83.27	6.8	33.23	8.0	24.8	0.99
F05	15 Nov 2023	62	14.09	83.41	6.8	33.23	8.0	24.8	0.98
F05	15 Nov 2023	63	14.09	83.02	6.8	33.23	8.0	24.8	0.96
F06	15 Nov 2023	1	18.11	91.40	7.9	33.29	8.2	23.9	0.48
F06	15 Nov 2023	2	18.11	91.43	7.9	33.29	8.2	23.9	0.48
F06	15 Nov 2023	3	18.11	91.44	7.9	33.29	8.2	23.9	0.51
F06	15 Nov 2023	4	18.11	91.44	7.9	33.29	8.2	23.9	0.51
F06	15 Nov 2023	5	18.10	91.44	7.9	33.29	8.2	23.9	0.49
F06	15 Nov 2023	6	18.10	91.49	7.9	33.29	8.2	23.9	0.49
F06	15 Nov 2023	7	18.10	91.48	7.9	33.29	8.2	23.9	0.48
F06	15 Nov 2023	8	18.10	91.49	7.9	33.29	8.2	23.9	0.49
F06	15 Nov 2023	9	18.09	91.54	7.9	33.29	8.2	23.9	0.50
F06	15 Nov 2023	10	18.06	91.51	7.9	33.29	8.2	23.9	0.52
F06	15 Nov 2023	11	18.02	91.49	7.9	33.28	8.2	24.0	0.52
F06	15 Nov 2023	12	17.96	91.41	7.9	33.28	8.2	24.0	0.54
F06	15 Nov 2023	13	17.91	91.39	8.0	33.27	8.2	24.0	0.55
F06	15 Nov 2023	14	17.84	91.44	8.0	33.27	8.2	24.0	0.57
F06	15 Nov 2023	15	17.76	91.45	8.0	33.26	8.2	24.0	0.56
F06	15 Nov 2023	16	17.68	91.45	8.0	33.25	8.2	24.0	0.56
F06	15 Nov 2023	17	17.62	91.45	8.1	33.24	8.2	24.0	0.55
F06	15 Nov 2023	18	17.46	91.46	8.1	33.22	8.2	24.0	0.56
F06	15 Nov 2023	19	17.34	91.42	8.2	33.20	8.2	24.1	0.57
F06	15 Nov 2023	20	17.18	91.34	8.2	33.20	8.2	24.1	0.60
F06	15 Nov 2023	21	16.91	91.31	8.1	33.18	8.2	24.1	0.63
F06	15 Nov 2023	22	16.49	91.24	8.2	33.17	8.2	24.2	0.67
F06	15 Nov 2023	23	16.46	91.20	8.3	33.17	8.2	24.2	0.73
F06	15 Nov 2023	24	16.44	91.22	8.3	33.16	8.2	24.2	0.77
F06	15 Nov 2023	25	16.41	91.21	8.3	33.16	8.1	24.2	0.78
F06	15 Nov 2023	26	16.35	91.12	8.2	33.16	8.1	24.3	0.80
F06	15 Nov 2023	27	16.23	91.00	8.2	33.16	8.1	24.3	0.85
F06	15 Nov 2023	28	16.10	90.74	8.1	33.17	8.1	24.3	0.97
F06	15 Nov 2023	29	15.99	90.35	8.1	33.18	8.1	24.3	1.05
F06	15 Nov 2023	30	15.86	89.93	7.9	33.19	8.1	24.4	1.15
F06	15 Nov 2023	31	15.69	89.32	7.8	33.20	8.1	24.4	1.25
F06	15 Nov 2023	32	15.59	88.46	7.8	33.20	8.1	24.5	1.26
F06	15 Nov 2023	33	15.56	88.02	7.8	33.20	8.1	24.5	1.28
F06	15 Nov 2023	34	15.54	87.86	7.7	33.20	8.1	24.5	1.29
F06	15 Nov 2023	35	15.53	87.79	7.7	33.20	8.1	24.5	1.29
F06	15 Nov 2023	36	15.51	87.74	7.7	33.20	8.1	24.5	1.27
F06	15 Nov 2023	37	15.44	87.74	7.7	33.20	8.1	24.5	1.28
F06	15 Nov 2023	38	15.37	87.74	7.6	33.20	8.1	24.5	1.22
F06	15 Nov 2023	39	15.28	87.72	7.6	33.20	8.1	24.5	1.22
F06	15 Nov 2023	40	15.27	87.71	7.6	33.20	8.1	24.5	1.21
F06	15 Nov 2023	41	15.20	87.63	7.4	33.20	8.1	24.5	1.20
F06	15 Nov 2023	42	14.93	87.47	7.4	33.20	8.1	24.6	1.19
F06	15 Nov 2023	43	14.79	87.32	7.3	33.20	8.1	24.6	1.23
F06	15 Nov 2023	44	14.70	87.46	7.4	33.20	8.1	24.6	1.27
F06	15 Nov 2023	45	14.68	87.76	7.4	33.20	8.1	24.6	1.25
F06	15 Nov 2023	46	14.61	87.82	7.4	33.20	8.1	24.7	1.27

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F06	15 Nov 2023	47	14.57	88.07	7.4	33.19	8.1	24.7	1.29
F06	15 Nov 2023	48	14.50	88.46	7.5	33.19	8.1	24.7	1.34
F06	15 Nov 2023	49	14.44	89.30	7.6	33.18	8.1	24.7	1.39
F06	15 Nov 2023	50	14.44	89.91	7.6	33.18	8.1	24.7	1.43
F06	15 Nov 2023	51	14.43	90.03	7.6	33.18	8.1	24.7	1.44
F06	15 Nov 2023	52	14.36	90.08	7.5	33.18	8.1	24.7	1.42
F06	15 Nov 2023	53	14.27	90.29	7.4	33.19	8.1	24.7	1.38
F06	15 Nov 2023	54	14.18	90.44	7.3	33.20	8.0	24.8	1.30
F06	15 Nov 2023	55	14.17	89.79	7.2	33.20	8.0	24.8	1.28
F06	15 Nov 2023	56	14.15	89.66	7.2	33.20	8.0	24.8	1.22
F06	15 Nov 2023	57	14.13	89.44	7.2	33.20	8.0	24.8	1.24
F06	15 Nov 2023	58	14.10	89.03	7.1	33.21	8.0	24.8	1.16
F06	15 Nov 2023	59	14.09	88.53	7.1	33.21	8.0	24.8	1.17
F06	15 Nov 2023	60	14.08	88.45	7.1	33.21	8.0	24.8	1.13
F06	15 Nov 2023	61	14.07	88.37	7.1	33.21	8.0	24.8	1.14
F06	15 Nov 2023	62	14.07	87.95	7.1	33.21	8.0	24.8	1.11
F07	15 Nov 2023	1	18.11	91.43	7.7	33.28	8.2	23.9	0.61
F07	15 Nov 2023	2	18.11	91.45	7.9	33.29	8.2	23.9	0.57
F07	15 Nov 2023	3	18.11	91.51	7.9	33.29	8.2	23.9	0.54
F07	15 Nov 2023	4	18.11	91.49	7.9	33.29	8.2	23.9	0.53
F07	15 Nov 2023	5	18.11	91.51	7.9	33.29	8.2	23.9	0.51
F07	15 Nov 2023	6	18.10	91.52	7.9	33.29	8.2	23.9	0.50
F07	15 Nov 2023	7	18.07	91.57	7.9	33.29	8.2	23.9	0.49
F07	15 Nov 2023	8	18.06	91.57	7.9	33.28	8.2	23.9	0.51
F07	15 Nov 2023	9	18.05	91.58	7.9	33.28	8.2	23.9	0.50
F07	15 Nov 2023	10	17.98	91.54	7.9	33.28	8.2	24.0	0.51
F07	15 Nov 2023	11	17.90	91.54	8.0	33.27	8.2	24.0	0.52
F07	15 Nov 2023	12	17.75	91.49	8.0	33.25	8.2	24.0	0.52
F07	15 Nov 2023	13	17.68	91.52	8.1	33.24	8.2	24.0	0.52
F07	15 Nov 2023	14	17.62	91.50	8.1	33.23	8.2	24.0	0.52
F07	15 Nov 2023	15	17.41	91.49	8.1	33.21	8.2	24.0	0.53
F07	15 Nov 2023	16	17.31	91.42	8.2	33.20	8.2	24.1	0.56
F07	15 Nov 2023	17	17.15	91.35	8.2	33.19	8.2	24.1	0.58
F07	15 Nov 2023	18	17.06	91.32	8.2	33.19	8.2	24.1	0.60
F07	15 Nov 2023	19	16.91	91.30	8.2	33.18	8.2	24.1	0.63
F07	15 Nov 2023	20	16.75	91.22	8.2	33.18	8.2	24.2	0.65
F07	15 Nov 2023	21	16.59	91.22	8.2	33.17	8.2	24.2	0.69
F07	15 Nov 2023	22	16.48	91.18	8.2	33.16	8.1	24.2	0.73
F07	15 Nov 2023	23	16.22	91.10	8.3	33.16	8.1	24.3	0.80
F07	15 Nov 2023	24	16.18	90.93	8.3	33.16	8.1	24.3	0.87
F07	15 Nov 2023	25	16.18	90.84	8.3	33.16	8.1	24.3	0.93
F07	15 Nov 2023	26	16.19	90.70	8.2	33.18	8.1	24.3	0.99
F07	15 Nov 2023	27	16.17	90.37	8.1	33.19	8.1	24.3	1.12
F07	15 Nov 2023	28	16.13	90.16	8.1	33.20	8.1	24.3	1.14
F07	15 Nov 2023	29	16.01	89.98	8.1	33.19	8.1	24.4	1.18
F07	15 Nov 2023	30	15.85	90.20	8.1	33.18	8.1	24.4	1.15
F07	15 Nov 2023	31	15.82	90.19	8.1	33.18	8.1	24.4	1.13
F07	15 Nov 2023	32	15.70	90.12	8.0	33.18	8.1	24.4	1.13
F07	15 Nov 2023	33	15.63	90.03	8.0	33.18	8.1	24.4	1.17
F07	15 Nov 2023	34	15.48	90.05	8.0	33.17	8.1	24.5	1.38
F07	15 Nov 2023	35	15.38	90.04	8.0	33.18	8.1	24.5	1.31
F07	15 Nov 2023	36	15.34	89.96	8.0	33.18	8.1	24.5	1.36
F07	15 Nov 2023	37	15.30	89.87	7.9	33.18	8.1	24.5	1.32
F07	15 Nov 2023	38	15.14	89.87	8.0	33.17	8.1	24.5	1.36
F07	15 Nov 2023	39	14.99	90.09	8.0	33.16	8.1	24.6	1.44
F07	15 Nov 2023	40	14.79	90.24	8.0	33.16	8.1	24.6	1.58
F07	15 Nov 2023	41	14.71	90.32	7.9	33.16	8.1	24.6	1.59
F07	15 Nov 2023	42	14.68	90.27	7.9	33.16	8.1	24.6	1.57
F07	15 Nov 2023	43	14.69	90.15	7.8	33.17	8.1	24.6	1.52
F07	15 Nov 2023	44	14.69	90.00	7.8	33.17	8.1	24.6	1.49

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F07	15 Nov 2023	45	14.69	89.81	7.7	33.18	8.1	24.6	1.44
F07	15 Nov 2023	46	14.68	89.59	7.7	33.18	8.1	24.6	1.40
F07	15 Nov 2023	47	14.67	89.41	7.6	33.19	8.1	24.6	1.35
F07	15 Nov 2023	48	14.66	89.36	7.6	33.19	8.1	24.6	1.35
F07	15 Nov 2023	49	14.66	89.21	7.6	33.19	8.1	24.6	1.31
F07	15 Nov 2023	50	14.65	88.89	7.5	33.20	8.1	24.7	1.32
F07	15 Nov 2023	51	14.63	88.62	7.4	33.20	8.1	24.7	1.25
F07	15 Nov 2023	52	14.56	88.51	7.3	33.20	8.1	24.7	1.21
F07	15 Nov 2023	53	14.36	88.01	7.1	33.21	8.0	24.7	1.15
F07	15 Nov 2023	54	14.28	87.41	7.1	33.21	8.0	24.7	1.11
F07	15 Nov 2023	55	14.18	87.23	7.0	33.21	8.0	24.8	1.06
F07	15 Nov 2023	56	14.08	87.22	6.9	33.22	8.0	24.8	1.04
F07	15 Nov 2023	57	14.04	87.23	6.9	33.22	8.0	24.8	1.00
F07	15 Nov 2023	58	14.00	87.32	6.9	33.22	8.0	24.8	1.01
F07	15 Nov 2023	59	13.97	87.43	6.8	33.22	8.0	24.8	1.02
F07	15 Nov 2023	60	13.94	87.52	6.8	33.23	8.0	24.8	0.98
F07	15 Nov 2023	61	13.91	87.63	6.8	33.23	8.0	24.8	0.95
F07	15 Nov 2023	62	13.88	87.70	6.8	33.23	8.0	24.8	0.94
F07	15 Nov 2023	63	13.82	87.70	6.7	33.23	8.0	24.9	0.90
F07	15 Nov 2023	64	13.61	87.85	6.6	33.24	8.0	24.9	0.81
F07	15 Nov 2023	65	13.65	79.53	6.7	33.24	8.0	24.9	0.75
F08	15 Nov 2023	1	18.08	91.55	7.8	33.29	8.2	23.9	0.57
F08	15 Nov 2023	2	18.08	91.55	7.9	33.29	8.2	23.9	0.63
F08	15 Nov 2023	3	18.08	91.55	7.9	33.29	8.2	23.9	0.58
F08	15 Nov 2023	4	18.08	91.55	7.9	33.29	8.2	23.9	0.58
F08	15 Nov 2023	5	18.08	91.53	7.9	33.29	8.2	23.9	0.60
F08	15 Nov 2023	6	18.08	91.58	7.9	33.29	8.2	23.9	0.57
F08	15 Nov 2023	7	18.07	91.61	7.9	33.29	8.2	23.9	0.56
F08	15 Nov 2023	8	18.06	91.58	7.9	33.29	8.2	23.9	0.55
F08	15 Nov 2023	9	18.06	91.50	7.9	33.29	8.2	24.0	0.56
F08	15 Nov 2023	10	18.03	91.45	7.8	33.29	8.2	24.0	0.57
F08	15 Nov 2023	11	17.98	91.32	7.8	33.29	8.2	24.0	0.56
F08	15 Nov 2023	12	17.94	91.37	7.9	33.28	8.2	24.0	0.60
F08	15 Nov 2023	13	17.91	91.41	7.9	33.28	8.2	24.0	0.59
F08	15 Nov 2023	14	17.82	91.41	8.0	33.26	8.2	24.0	0.58
F08	15 Nov 2023	15	17.69	91.51	8.0	33.25	8.2	24.0	0.57
F08	15 Nov 2023	16	17.55	91.56	8.0	33.23	8.2	24.0	0.55
F08	15 Nov 2023	17	17.30	91.61	8.2	33.20	8.2	24.1	0.55
F08	15 Nov 2023	18	17.23	91.51	8.2	33.20	8.2	24.1	0.57
F08	15 Nov 2023	19	17.14	91.49	8.2	33.19	8.2	24.1	0.60
F08	15 Nov 2023	20	17.07	91.46	8.2	33.19	8.2	24.1	0.64
F08	15 Nov 2023	21	17.03	91.43	8.2	33.19	8.2	24.1	0.63
F08	15 Nov 2023	22	16.96	91.41	8.2	33.18	8.2	24.1	0.64
F08	15 Nov 2023	23	16.74	91.36	8.2	33.17	8.2	24.2	0.66
F08	15 Nov 2023	24	16.53	91.28	8.3	33.17	8.2	24.2	0.70
F08	15 Nov 2023	25	16.48	91.26	8.2	33.17	8.1	24.2	0.72
F08	15 Nov 2023	26	16.39	91.26	8.2	33.16	8.1	24.2	0.73
F08	15 Nov 2023	27	16.10	91.18	8.2	33.14	8.1	24.3	0.80
F08	15 Nov 2023	28	15.62	90.85	8.2	33.15	8.1	24.4	0.98
F08	15 Nov 2023	29	15.56	90.42	8.1	33.16	8.1	24.4	1.18
F08	15 Nov 2023	30	15.54	89.79	7.9	33.18	8.1	24.5	1.21
F08	15 Nov 2023	31	15.54	89.69	7.9	33.19	8.1	24.5	1.23
F08	15 Nov 2023	32	15.54	89.66	7.9	33.19	8.1	24.5	1.27
F08	15 Nov 2023	33	15.50	89.64	7.8	33.19	8.1	24.5	1.25
F08	15 Nov 2023	34	15.41	89.59	7.8	33.19	8.1	24.5	1.23
F08	15 Nov 2023	35	15.34	89.48	7.7	33.19	8.1	24.5	1.25
F08	15 Nov 2023	36	15.27	89.36	7.8	33.19	8.1	24.5	1.27
F08	15 Nov 2023	37	15.23	89.37	7.7	33.19	8.1	24.5	1.28
F08	15 Nov 2023	38	15.18	89.36	7.7	33.19	8.1	24.5	1.25
F08	15 Nov 2023	39	15.15	89.32	7.7	33.19	8.1	24.5	1.25

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F08	15 Nov 2023	40	15.13	89.37	7.7	33.19	8.1	24.5	1.25
F08	15 Nov 2023	41	15.07	89.21	7.6	33.19	8.1	24.6	1.20
F08	15 Nov 2023	42	15.01	89.20	7.6	33.19	8.1	24.6	1.21
F08	15 Nov 2023	43	14.96	89.07	7.6	33.19	8.1	24.6	1.23
F08	15 Nov 2023	44	14.87	89.01	7.5	33.19	8.1	24.6	1.22
F08	15 Nov 2023	45	14.79	88.98	7.5	33.20	8.1	24.6	1.22
F08	15 Nov 2023	46	14.78	88.82	7.5	33.20	8.1	24.6	1.24
F08	15 Nov 2023	47	14.76	88.84	7.5	33.20	8.1	24.6	1.24
F08	15 Nov 2023	48	14.76	88.81	7.5	33.20	8.1	24.6	1.21
F08	15 Nov 2023	49	14.74	88.77	7.5	33.20	8.1	24.6	1.23
F08	15 Nov 2023	50	14.72	88.77	7.4	33.20	8.1	24.6	1.21
F08	15 Nov 2023	51	14.59	88.78	7.3	33.19	8.1	24.7	1.23
F08	15 Nov 2023	52	14.33	88.88	7.2	33.20	8.1	24.7	1.22
F08	15 Nov 2023	53	14.30	88.78	7.2	33.20	8.0	24.7	1.21
F08	15 Nov 2023	54	14.26	88.23	7.1	33.21	8.0	24.7	1.19
F08	15 Nov 2023	55	14.20	87.35	7.0	33.21	8.0	24.8	1.13
F08	15 Nov 2023	56	14.15	86.79	6.9	33.22	8.0	24.8	1.09
F08	15 Nov 2023	57	14.07	86.44	6.8	33.22	8.0	24.8	1.06
F08	15 Nov 2023	58	13.90	86.34	6.8	33.23	8.0	24.8	1.00
F08	15 Nov 2023	59	13.82	86.23	6.7	33.24	8.0	24.9	0.91
F08	15 Nov 2023	60	13.77	86.00	6.7	33.24	8.0	24.9	0.87
F08	15 Nov 2023	61	13.75	85.82	6.7	33.24	8.0	24.9	0.84
F08	15 Nov 2023	62	13.76	84.93	6.7	33.24	8.0	24.9	0.82
F09	15 Nov 2023	1	18.09	91.43	7.9	33.30	8.2	23.9	0.60
F09	15 Nov 2023	2	18.10	91.44	7.9	33.30	8.2	23.9	0.58
F09	15 Nov 2023	3	18.10	91.42	7.9	33.30	8.2	23.9	0.60
F09	15 Nov 2023	4	18.09	91.47	7.9	33.30	8.2	23.9	0.58
F09	15 Nov 2023	5	18.07	91.48	7.9	33.30	8.2	24.0	0.58
F09	15 Nov 2023	6	18.05	91.47	7.9	33.30	8.2	24.0	0.57
F09	15 Nov 2023	7	18.03	91.38	7.9	33.30	8.2	24.0	0.59
F09	15 Nov 2023	8	18.02	91.31	7.9	33.30	8.2	24.0	0.61
F09	15 Nov 2023	9	18.01	91.28	7.9	33.30	8.2	24.0	0.62
F09	15 Nov 2023	10	17.99	91.23	7.9	33.29	8.2	24.0	0.62
F09	15 Nov 2023	11	17.87	91.26	7.9	33.27	8.2	24.0	0.61
F09	15 Nov 2023	12	17.43	91.28	8.1	33.22	8.2	24.0	0.60
F09	15 Nov 2023	13	17.31	91.39	8.2	33.21	8.2	24.1	0.60
F09	15 Nov 2023	14	17.30	91.49	8.2	33.20	8.2	24.1	0.60
F09	15 Nov 2023	15	17.29	91.49	8.2	33.20	8.2	24.1	0.60
F09	15 Nov 2023	16	17.24	91.49	8.2	33.20	8.2	24.1	0.60
F09	15 Nov 2023	17	17.02	91.44	8.2	33.19	8.2	24.1	0.63
F09	15 Nov 2023	18	16.83	91.37	8.2	33.18	8.2	24.2	0.68
F09	15 Nov 2023	19	16.72	91.32	8.2	33.17	8.2	24.2	0.69
F09	15 Nov 2023	20	16.49	91.23	8.2	33.17	8.2	24.2	0.74
F09	15 Nov 2023	21	16.36	91.17	8.2	33.16	8.2	24.3	0.80
F09	15 Nov 2023	22	16.14	91.05	8.2	33.16	8.1	24.3	0.88
F09	15 Nov 2023	23	15.86	90.89	8.2	33.15	8.1	24.4	1.03
F09	15 Nov 2023	24	15.71	90.69	8.0	33.17	8.1	24.4	1.09
F09	15 Nov 2023	25	15.64	90.33	7.9	33.17	8.1	24.4	1.18
F09	15 Nov 2023	26	15.39	90.10	7.9	33.16	8.1	24.5	1.26
F09	15 Nov 2023	27	15.25	89.90	7.9	33.17	8.1	24.5	1.29
F09	15 Nov 2023	28	15.16	89.77	7.8	33.17	8.1	24.5	1.29
F09	15 Nov 2023	29	15.08	89.58	7.7	33.18	8.1	24.6	1.31
F09	15 Nov 2023	30	15.02	89.44	7.7	33.18	8.1	24.6	1.29
F09	15 Nov 2023	31	14.98	89.35	7.7	33.18	8.1	24.6	1.30
F09	15 Nov 2023	32	14.97	89.31	7.7	33.19	8.1	24.6	1.32
F09	15 Nov 2023	33	14.95	89.33	7.6	33.19	8.1	24.6	1.26
F09	15 Nov 2023	34	14.91	89.23	7.6	33.19	8.1	24.6	1.28
F09	15 Nov 2023	35	14.88	89.12	7.6	33.19	8.1	24.6	1.28
F09	15 Nov 2023	36	14.83	89.05	7.5	33.19	8.1	24.6	1.28
F09	15 Nov 2023	37	14.80	88.91	7.5	33.19	8.1	24.6	1.31

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F09	15 Nov 2023	38	14.79	88.75	7.5	33.20	8.1	24.6	1.38
F09	15 Nov 2023	39	14.79	88.67	7.5	33.20	8.1	24.6	1.30
F09	15 Nov 2023	40	14.78	88.70	7.5	33.20	8.1	24.6	1.26
F09	15 Nov 2023	41	14.75	88.72	7.5	33.20	8.1	24.6	1.26
F09	15 Nov 2023	42	14.74	88.59	7.4	33.20	8.1	24.6	1.22
F09	15 Nov 2023	43	14.73	88.67	7.4	33.20	8.1	24.6	1.19
F09	15 Nov 2023	44	14.72	88.65	7.4	33.20	8.1	24.6	1.20
F09	15 Nov 2023	45	14.71	88.82	7.4	33.20	8.1	24.6	1.20
F09	15 Nov 2023	46	14.70	88.86	7.4	33.20	8.1	24.6	1.21
F09	15 Nov 2023	47	14.68	88.77	7.4	33.20	8.1	24.6	1.20
F09	15 Nov 2023	48	14.51	88.70	7.3	33.20	8.1	24.7	1.27
F09	15 Nov 2023	49	14.42	88.56	7.2	33.20	8.0	24.7	1.23
F09	15 Nov 2023	50	14.37	88.26	7.1	33.20	8.0	24.7	1.20
F09	15 Nov 2023	51	14.28	88.08	7.1	33.20	8.0	24.7	1.16
F09	15 Nov 2023	52	14.24	87.89	7.1	33.21	8.0	24.8	1.16
F09	15 Nov 2023	53	14.22	87.81	7.0	33.21	8.0	24.8	1.15
F09	15 Nov 2023	54	14.18	87.75	7.0	33.21	8.0	24.8	1.10
F09	15 Nov 2023	55	14.16	87.32	7.0	33.21	8.0	24.8	1.09
F09	15 Nov 2023	56	14.13	87.10	7.0	33.22	8.0	24.8	1.07
F09	15 Nov 2023	57	14.08	87.18	6.9	33.22	8.0	24.8	1.05
F09	15 Nov 2023	58	14.04	87.40	6.9	33.22	8.0	24.8	1.04
F09	15 Nov 2023	59	13.99	87.30	6.8	33.22	8.0	24.8	1.01
F09	15 Nov 2023	60	13.86	87.02	6.8	33.23	8.0	24.9	0.95
F09	15 Nov 2023	61	13.81	86.73	6.7	33.24	8.0	24.9	0.89
F09	15 Nov 2023	62	13.79	86.28	6.8	33.24	8.0	24.9	0.88
F10	15 Nov 2023	1	17.91	91.02	8.0	33.28	8.2	24.0	0.59
F10	15 Nov 2023	2	17.91	91.06	8.0	33.28	8.2	24.0	0.61
F10	15 Nov 2023	3	17.91	91.09	8.0	33.28	8.2	24.0	0.60
F10	15 Nov 2023	4	17.90	91.10	8.0	33.28	8.2	24.0	0.60
F10	15 Nov 2023	5	17.89	91.14	8.0	33.28	8.2	24.0	0.67
F10	15 Nov 2023	6	17.88	91.14	8.0	33.28	8.2	24.0	0.58
F10	15 Nov 2023	7	17.85	91.21	8.0	33.27	8.2	24.0	0.60
F10	15 Nov 2023	8	17.83	91.19	8.0	33.27	8.2	24.0	0.60
F10	15 Nov 2023	9	17.77	91.16	8.0	33.26	8.2	24.0	0.58
F10	15 Nov 2023	10	17.60	91.24	8.0	33.24	8.2	24.0	0.60
F10	15 Nov 2023	11	17.35	91.31	8.1	33.21	8.2	24.1	0.56
F10	15 Nov 2023	12	17.25	91.43	8.2	33.20	8.2	24.1	0.54
F10	15 Nov 2023	13	17.11	91.63	8.2	33.19	8.2	24.1	0.58
F10	15 Nov 2023	14	17.00	91.68	8.2	33.19	8.2	24.1	0.58
F10	15 Nov 2023	15	16.96	91.66	8.2	33.18	8.2	24.1	0.61
F10	15 Nov 2023	16	16.92	91.62	8.2	33.18	8.2	24.1	0.63
F10	15 Nov 2023	17	16.87	91.59	8.3	33.18	8.2	24.1	0.65
F10	15 Nov 2023	18	16.78	91.53	8.2	33.17	8.2	24.2	0.69
F10	15 Nov 2023	19	16.64	91.47	8.3	33.17	8.2	24.2	0.70
F10	15 Nov 2023	20	16.53	91.41	8.3	33.17	8.2	24.2	0.72
F10	15 Nov 2023	21	16.43	91.33	8.3	33.16	8.2	24.2	0.74
F10	15 Nov 2023	22	16.28	91.19	8.3	33.16	8.1	24.3	0.76
F10	15 Nov 2023	23	16.18	91.15	8.3	33.15	8.1	24.3	0.77
F10	15 Nov 2023	24	16.05	91.18	8.3	33.15	8.1	24.3	0.76
F10	15 Nov 2023	25	15.90	91.21	8.4	33.14	8.1	24.3	0.77
F10	15 Nov 2023	26	15.83	91.23	8.4	33.14	8.1	24.4	0.77
F10	15 Nov 2023	27	15.77	91.22	8.4	33.14	8.1	24.4	0.80
F10	15 Nov 2023	28	15.68	91.27	8.4	33.13	8.1	24.4	0.84
F10	15 Nov 2023	29	15.54	91.21	8.3	33.13	8.1	24.4	0.95
F10	15 Nov 2023	30	15.45	91.08	8.3	33.14	8.1	24.4	1.16
F10	15 Nov 2023	31	15.42	90.63	8.2	33.15	8.1	24.5	1.31
F10	15 Nov 2023	32	15.35	90.35	8.2	33.15	8.1	24.5	1.42
F10	15 Nov 2023	33	15.30	90.31	8.1	33.16	8.1	24.5	1.39
F10	15 Nov 2023	34	15.24	90.14	8.0	33.17	8.1	24.5	1.40
F10	15 Nov 2023	35	15.20	90.02	7.9	33.17	8.1	24.5	1.37

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F10	15 Nov 2023	36	15.20	89.94	7.9	33.18	8.1	24.5	1.32
F10	15 Nov 2023	37	15.19	89.92	7.9	33.18	8.1	24.5	1.32
F10	15 Nov 2023	38	15.12	89.93	7.9	33.17	8.1	24.5	1.38
F10	15 Nov 2023	39	15.05	89.87	7.9	33.17	8.1	24.6	1.47
F10	15 Nov 2023	40	14.93	89.76	7.8	33.18	8.1	24.6	1.49
F10	15 Nov 2023	41	14.83	89.59	7.7	33.18	8.1	24.6	1.45
F10	15 Nov 2023	42	14.75	89.39	7.5	33.18	8.1	24.6	1.39
F10	15 Nov 2023	43	14.50	89.24	7.4	33.19	8.1	24.7	1.37
F10	15 Nov 2023	44	14.44	89.19	7.4	33.19	8.1	24.7	1.34
F10	15 Nov 2023	45	14.43	89.19	7.4	33.19	8.1	24.7	1.29
F10	15 Nov 2023	46	14.43	89.04	7.3	33.19	8.1	24.7	1.26
F10	15 Nov 2023	47	14.43	88.91	7.3	33.20	8.1	24.7	1.24
F10	15 Nov 2023	48	14.38	88.76	7.2	33.20	8.0	24.7	1.19
F10	15 Nov 2023	49	14.28	88.51	7.2	33.20	8.0	24.7	1.18
F10	15 Nov 2023	50	14.19	88.14	7.1	33.21	8.0	24.8	1.14
F10	15 Nov 2023	51	14.15	88.09	7.0	33.21	8.0	24.8	1.11
F10	15 Nov 2023	52	14.13	88.35	7.0	33.21	8.0	24.8	1.11
F10	15 Nov 2023	53	14.12	88.40	7.0	33.21	8.0	24.8	1.08
F10	15 Nov 2023	54	14.09	88.23	7.0	33.22	8.0	24.8	1.06
F10	15 Nov 2023	55	14.07	87.85	7.0	33.22	8.0	24.8	1.04
F10	15 Nov 2023	56	14.05	87.78	7.0	33.22	8.0	24.8	1.04
F10	15 Nov 2023	57	14.03	87.80	7.0	33.22	8.0	24.8	1.03
F10	15 Nov 2023	58	14.01	87.71	6.9	33.22	8.0	24.8	1.01
F10	15 Nov 2023	59	13.98	87.71	6.9	33.22	8.0	24.8	1.00
F10	15 Nov 2023	60	13.97	87.53	6.9	33.23	8.0	24.8	0.98
F10	15 Nov 2023	61	13.96	87.41	6.8	33.23	8.0	24.8	0.98
F10	15 Nov 2023	62	13.95	87.23	6.8	33.23	8.0	24.8	0.96
F10	15 Nov 2023	63	13.95	86.99	6.8	33.23	8.0	24.8	0.95
F11	15 Nov 2023	1	17.83	91.32	8.0	33.28	8.2	24.0	0.57
F11	15 Nov 2023	2	17.82	91.38	8.0	33.28	8.2	24.0	0.54
F11	15 Nov 2023	3	17.81	91.39	8.0	33.28	8.2	24.0	0.54
F11	15 Nov 2023	4	17.81	91.39	8.0	33.28	8.2	24.0	0.55
F11	15 Nov 2023	5	17.80	91.43	8.0	33.28	8.2	24.0	0.53
F11	15 Nov 2023	6	17.79	91.45	7.9	33.27	8.2	24.0	0.54
F11	15 Nov 2023	7	17.71	91.48	8.0	33.26	8.2	24.0	0.52
F11	15 Nov 2023	8	17.39	91.48	8.1	33.22	8.2	24.1	0.50
F11	15 Nov 2023	9	17.20	91.64	8.2	33.20	8.2	24.1	0.50
F11	15 Nov 2023	10	17.07	91.75	8.2	33.19	8.2	24.1	0.52
F11	15 Nov 2023	11	16.98	91.73	8.2	33.19	8.2	24.1	0.62
F11	15 Nov 2023	12	16.96	91.70	8.2	33.18	8.2	24.1	0.58
F11	15 Nov 2023	13	16.85	91.61	8.2	33.18	8.2	24.2	0.60
F11	15 Nov 2023	14	16.55	91.59	8.3	33.17	8.2	24.2	0.67
F11	15 Nov 2023	15	16.44	91.49	8.3	33.16	8.2	24.2	0.76
F11	15 Nov 2023	16	16.40	91.30	8.3	33.16	8.2	24.2	0.81
F11	15 Nov 2023	17	16.35	91.27	8.3	33.16	8.2	24.3	0.80
F11	15 Nov 2023	18	16.32	91.26	8.3	33.16	8.2	24.3	0.80
F11	15 Nov 2023	19	16.05	91.19	8.3	33.15	8.1	24.3	0.81
F11	15 Nov 2023	20	15.92	91.20	8.4	33.14	8.1	24.3	0.82
F11	15 Nov 2023	21	15.85	91.25	8.4	33.14	8.1	24.4	0.83
F11	15 Nov 2023	22	15.73	91.20	8.4	33.13	8.1	24.4	0.87
F11	15 Nov 2023	23	15.54	91.20	8.3	33.13	8.1	24.4	0.95
F11	15 Nov 2023	24	15.38	91.11	8.3	33.13	8.1	24.4	1.12
F11	15 Nov 2023	25	15.32	90.86	8.3	33.14	8.1	24.5	1.28
F11	15 Nov 2023	26	15.29	90.65	8.3	33.14	8.1	24.5	1.40
F11	15 Nov 2023	27	15.23	90.51	8.2	33.14	8.1	24.5	1.50
F11	15 Nov 2023	28	15.17	90.30	8.2	33.15	8.1	24.5	1.59
F11	15 Nov 2023	29	15.12	90.19	8.2	33.15	8.1	24.5	1.66
F11	15 Nov 2023	30	15.08	90.20	8.2	33.15	8.1	24.5	1.65
F11	15 Nov 2023	31	15.05	90.10	8.1	33.16	8.1	24.5	1.63
F11	15 Nov 2023	32	15.04	90.13	8.1	33.16	8.1	24.5	1.65

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F11	15 Nov 2023	33	14.95	90.18	8.0	33.16	8.1	24.6	1.68
F11	15 Nov 2023	34	14.84	90.17	8.0	33.16	8.1	24.6	1.78
F11	15 Nov 2023	35	14.80	90.13	7.9	33.16	8.1	24.6	1.74
F11	15 Nov 2023	36	14.76	90.07	7.8	33.17	8.1	24.6	1.69
F11	15 Nov 2023	37	14.67	90.01	7.6	33.18	8.1	24.6	1.52
F11	15 Nov 2023	38	14.57	89.79	7.5	33.18	8.1	24.7	1.43
F11	15 Nov 2023	39	14.45	89.73	7.6	33.18	8.1	24.7	1.41
F11	15 Nov 2023	40	14.38	89.99	7.5	33.18	8.1	24.7	1.38
F11	15 Nov 2023	41	14.24	90.20	7.4	33.19	8.1	24.7	1.33
F11	15 Nov 2023	42	14.19	90.30	7.3	33.19	8.1	24.8	1.27
F11	15 Nov 2023	43	14.15	90.41	7.3	33.19	8.0	24.8	1.25
F11	15 Nov 2023	44	14.13	90.59	7.3	33.20	8.0	24.8	1.24
F11	15 Nov 2023	45	14.07	90.78	7.2	33.20	8.0	24.8	1.20
F11	15 Nov 2023	46	14.05	91.00	7.1	33.21	8.0	24.8	1.14
F11	15 Nov 2023	47	14.03	90.87	7.1	33.21	8.0	24.8	1.10
F11	15 Nov 2023	48	13.99	90.66	7.0	33.22	8.0	24.8	1.05
F11	15 Nov 2023	49	13.95	90.11	6.9	33.22	8.0	24.8	1.03
F11	15 Nov 2023	50	13.95	89.49	6.9	33.23	8.0	24.8	1.00
F11	15 Nov 2023	51	13.93	89.08	6.9	33.23	8.0	24.8	0.98
F11	15 Nov 2023	52	13.92	88.91	6.9	33.23	8.0	24.8	0.97
F11	15 Nov 2023	53	13.91	88.63	6.9	33.23	8.0	24.8	0.95
F11	15 Nov 2023	54	13.90	88.45	6.9	33.23	8.0	24.8	0.96
F11	15 Nov 2023	55	13.90	88.39	6.8	33.23	8.0	24.8	0.93
F11	15 Nov 2023	56	13.90	88.12	6.8	33.23	8.0	24.8	0.93
F11	15 Nov 2023	57	13.89	88.12	6.8	33.23	8.0	24.8	0.93
F11	15 Nov 2023	58	13.88	87.89	6.8	33.23	8.0	24.8	0.93
F11	15 Nov 2023	59	13.87	87.49	6.8	33.23	8.0	24.8	0.94
F11	15 Nov 2023	60	13.87	87.24	6.8	33.23	8.0	24.9	0.91
F11	15 Nov 2023	61	13.87	87.08	6.8	33.23	8.0	24.9	0.91
F11	15 Nov 2023	62	13.86	86.41	6.8	33.23	8.0	24.9	0.90
F12	15 Nov 2023	1	17.59	90.75	6.0	33.13	8.2	23.9	0.66
F12	15 Nov 2023	2	17.59	90.77	7.0	33.19	8.2	24.0	0.61
F12	15 Nov 2023	3	17.58	90.89	7.4	33.22	8.2	24.0	0.59
F12	15 Nov 2023	4	17.58	90.96	7.9	33.23	8.2	24.0	0.59
F12	15 Nov 2023	5	17.57	90.95	8.2	33.24	8.2	24.0	0.60
F12	15 Nov 2023	6	17.54	90.99	8.2	33.23	8.2	24.0	0.59
F12	15 Nov 2023	7	17.45	91.01	8.2	33.22	8.2	24.0	0.60
F12	15 Nov 2023	8	17.29	91.02	8.3	33.20	8.2	24.1	0.66
F12	15 Nov 2023	9	17.19	90.96	8.3	33.19	8.2	24.1	0.74
F12	15 Nov 2023	10	17.11	90.83	8.3	33.19	8.2	24.1	0.75
F12	15 Nov 2023	11	17.08	90.84	8.3	33.19	8.2	24.1	0.76
F12	15 Nov 2023	12	17.02	90.90	8.3	33.19	8.2	24.1	0.79
F12	15 Nov 2023	13	16.97	90.91	8.3	33.19	8.2	24.1	0.84
F12	15 Nov 2023	14	16.90	90.91	8.3	33.18	8.2	24.1	0.85
F12	15 Nov 2023	15	16.63	90.87	8.3	33.17	8.2	24.2	0.84
F12	15 Nov 2023	16	16.46	90.94	8.3	33.16	8.1	24.2	0.85
F12	15 Nov 2023	17	16.31	91.08	8.3	33.16	8.1	24.3	0.85
F12	15 Nov 2023	18	16.20	91.11	8.3	33.15	8.1	24.3	0.89
F12	15 Nov 2023	19	16.08	91.24	8.3	33.14	8.1	24.3	0.90
F12	15 Nov 2023	20	16.03	91.19	8.3	33.14	8.1	24.3	0.89
F12	15 Nov 2023	21	15.97	91.16	8.4	33.13	8.1	24.3	0.90
F12	15 Nov 2023	22	15.92	91.26	8.4	33.14	8.1	24.3	0.90
F12	15 Nov 2023	23	15.88	91.28	8.3	33.13	8.1	24.3	0.92
F12	15 Nov 2023	24	15.77	91.27	8.3	33.13	8.1	24.4	0.94
F12	15 Nov 2023	25	15.54	91.27	8.3	33.12	8.1	24.4	0.94
F12	15 Nov 2023	26	15.36	91.20	8.4	33.11	8.1	24.4	0.98
F12	15 Nov 2023	27	15.22	91.24	8.4	33.12	8.1	24.5	1.06
F12	15 Nov 2023	28	15.10	91.17	8.3	33.12	8.1	24.5	1.33
F12	15 Nov 2023	29	14.99	90.75	8.2	33.13	8.1	24.5	1.54
F12	15 Nov 2023	30	14.93	90.47	8.1	33.15	8.1	24.6	1.67

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F12	15 Nov 2023	31	14.82	90.29	7.9	33.16	8.1	24.6	1.71
F12	15 Nov 2023	32	14.66	90.23	7.8	33.16	8.1	24.6	1.68
F12	15 Nov 2023	33	14.50	90.16	7.6	33.17	8.1	24.7	1.55
F12	15 Nov 2023	34	14.40	90.20	7.6	33.17	8.1	24.7	1.47
F12	15 Nov 2023	35	14.36	90.47	7.6	33.18	8.1	24.7	1.42
F12	15 Nov 2023	36	14.35	90.56	7.6	33.18	8.1	24.7	1.39
F12	15 Nov 2023	37	14.30	90.59	7.6	33.17	8.1	24.7	1.37
F12	15 Nov 2023	38	14.29	90.69	7.6	33.17	8.1	24.7	1.39
F12	15 Nov 2023	39	14.25	90.86	7.6	33.17	8.1	24.7	1.36
F12	15 Nov 2023	40	14.17	91.04	7.5	33.18	8.1	24.7	1.30
F12	15 Nov 2023	41	14.08	91.21	7.4	33.18	8.1	24.8	1.23
F12	15 Nov 2023	42	13.99	91.40	7.3	33.20	8.1	24.8	1.14
F12	15 Nov 2023	43	13.93	91.52	7.2	33.20	8.0	24.8	1.06
F12	15 Nov 2023	44	13.89	91.55	7.1	33.21	8.0	24.8	1.03
F12	15 Nov 2023	45	13.84	91.51	7.0	33.23	8.0	24.8	0.95
F12	15 Nov 2023	46	13.84	91.20	6.9	33.23	8.0	24.9	0.92
F12	15 Nov 2023	47	13.84	90.21	6.8	33.24	8.0	24.9	0.89
F12	15 Nov 2023	48	13.84	89.62	6.8	33.24	8.0	24.9	0.89
F12	15 Nov 2023	49	13.84	89.28	6.8	33.24	8.0	24.9	0.89
F12	15 Nov 2023	50	13.85	88.80	6.8	33.24	8.0	24.9	0.88
F12	15 Nov 2023	51	13.85	88.15	6.7	33.24	8.0	24.9	0.88
F12	15 Nov 2023	52	13.84	87.57	6.7	33.24	8.0	24.9	0.88
F12	15 Nov 2023	53	13.82	87.35	6.7	33.25	8.0	24.9	0.86
F12	15 Nov 2023	54	13.76	87.29	6.6	33.25	8.0	24.9	0.84
F12	15 Nov 2023	55	13.68	87.45	6.6	33.26	8.0	24.9	0.76
F12	15 Nov 2023	56	13.65	87.88	6.5	33.26	8.0	24.9	0.74
F12	15 Nov 2023	57	13.64	88.39	6.5	33.26	8.0	24.9	0.72
F12	15 Nov 2023	58	13.64	88.49	6.5	33.26	8.0	24.9	0.71
F12	15 Nov 2023	59	13.64	88.51	6.5	33.26	8.0	24.9	0.71
F12	15 Nov 2023	60	13.63	88.54	6.5	33.26	8.0	24.9	0.72
F12	15 Nov 2023	61	13.63	88.37	6.5	33.27	8.0	24.9	0.71
F12	15 Nov 2023	62	13.63	88.25	6.6	33.27	8.0	24.9	0.71
F13	15 Nov 2023	1	17.28	90.89	8.2	33.21	8.2	24.1	0.51
F13	15 Nov 2023	2	17.29	90.87	8.2	33.21	8.2	24.1	0.55
F13	15 Nov 2023	3	17.28	90.88	8.2	33.21	8.2	24.1	0.56
F13	15 Nov 2023	4	17.28	90.86	8.2	33.21	8.2	24.1	0.54
F13	15 Nov 2023	5	17.28	90.87	8.2	33.21	8.2	24.1	0.56
F13	15 Nov 2023	6	17.28	90.90	8.2	33.21	8.2	24.1	0.53
F13	15 Nov 2023	7	17.28	90.90	8.2	33.21	8.2	24.1	0.54
F13	15 Nov 2023	8	17.28	90.89	8.2	33.21	8.2	24.1	0.55
F13	15 Nov 2023	9	17.28	90.93	8.2	33.21	8.2	24.1	0.53
F13	15 Nov 2023	10	17.27	91.03	8.2	33.21	8.2	24.1	0.54
F13	15 Nov 2023	11	17.23	91.09	8.2	33.21	8.2	24.1	0.54
F13	15 Nov 2023	12	17.16	91.20	8.2	33.20	8.2	24.1	0.55
F13	15 Nov 2023	13	17.09	91.33	8.2	33.20	8.2	24.1	0.58
F13	15 Nov 2023	14	17.05	91.42	8.2	33.20	8.2	24.1	0.62
F13	15 Nov 2023	15	17.01	91.47	8.3	33.20	8.2	24.1	0.66
F13	15 Nov 2023	16	16.91	91.44	8.3	33.19	8.2	24.1	0.72
F13	15 Nov 2023	17	16.79	91.35	8.3	33.18	8.2	24.2	0.81
F13	15 Nov 2023	18	16.70	91.20	8.3	33.18	8.2	24.2	0.87
F13	15 Nov 2023	19	16.57	91.09	8.2	33.17	8.1	24.2	0.90
F13	15 Nov 2023	20	16.24	91.00	8.2	33.15	8.1	24.3	0.92
F13	15 Nov 2023	21	15.93	90.99	8.3	33.14	8.1	24.3	0.94
F13	15 Nov 2023	22	15.81	91.06	8.4	33.13	8.1	24.4	0.95
F13	15 Nov 2023	23	15.76	91.15	8.3	33.13	8.1	24.4	0.94
F13	15 Nov 2023	24	15.68	91.20	8.3	33.12	8.1	24.4	0.94
F13	15 Nov 2023	25	15.36	91.26	8.3	33.11	8.1	24.4	0.97
F13	15 Nov 2023	26	15.14	91.32	8.4	33.11	8.1	24.5	1.03
F13	15 Nov 2023	27	15.11	91.20	8.4	33.11	8.1	24.5	1.14
F13	15 Nov 2023	28	15.08	91.02	8.4	33.12	8.1	24.5	1.19

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F13	15 Nov 2023	29	15.04	90.98	8.4	33.12	8.1	24.5	1.28
F13	15 Nov 2023	30	14.99	90.82	8.4	33.12	8.1	24.5	1.33
F13	15 Nov 2023	31	14.89	90.76	8.2	33.12	8.1	24.5	1.52
F13	15 Nov 2023	32	14.50	90.55	8.0	33.14	8.1	24.6	1.60
F13	15 Nov 2023	33	14.34	90.39	7.8	33.16	8.1	24.7	1.67
F13	15 Nov 2023	34	14.24	90.63	7.8	33.15	8.1	24.7	1.58
F13	15 Nov 2023	35	14.16	90.87	7.9	33.15	8.1	24.7	1.51
F13	15 Nov 2023	36	14.10	90.88	7.9	33.15	8.1	24.7	1.54
F13	15 Nov 2023	37	14.09	90.88	7.8	33.16	8.1	24.7	1.47
F13	15 Nov 2023	38	14.09	91.00	7.6	33.17	8.1	24.8	1.38
F13	15 Nov 2023	39	14.03	91.25	7.5	33.18	8.1	24.8	1.25
F13	15 Nov 2023	40	14.03	91.51	7.5	33.19	8.1	24.8	1.20
F13	15 Nov 2023	41	14.02	91.62	7.4	33.19	8.1	24.8	1.19
F13	15 Nov 2023	42	13.97	91.67	7.3	33.19	8.1	24.8	1.11
F13	15 Nov 2023	43	13.88	91.64	7.3	33.20	8.0	24.8	1.08
F13	15 Nov 2023	44	13.84	91.65	7.2	33.20	8.0	24.8	1.03
F13	15 Nov 2023	45	13.80	91.69	7.2	33.21	8.0	24.8	1.00
F13	15 Nov 2023	46	13.77	91.68	7.1	33.22	8.0	24.9	0.97
F13	15 Nov 2023	47	13.75	91.68	7.0	33.22	8.0	24.9	0.89
F13	15 Nov 2023	48	13.72	91.74	6.9	33.23	8.0	24.9	0.85
F13	15 Nov 2023	49	13.66	91.73	6.9	33.23	8.0	24.9	0.83
F13	15 Nov 2023	50	13.66	91.77	6.9	33.24	8.0	24.9	0.81
F13	15 Nov 2023	51	13.68	91.38	6.8	33.25	8.0	24.9	0.78
F13	15 Nov 2023	52	13.68	90.45	6.7	33.26	8.0	24.9	0.78
F13	15 Nov 2023	53	13.67	89.93	6.6	33.26	8.0	24.9	0.76
F13	15 Nov 2023	54	13.66	89.39	6.6	33.26	8.0	24.9	0.74
F13	15 Nov 2023	55	13.65	89.09	6.5	33.27	8.0	24.9	0.74
F13	15 Nov 2023	56	13.63	88.91	6.5	33.27	8.0	24.9	0.71
F13	15 Nov 2023	57	13.62	88.88	6.5	33.27	8.0	24.9	0.70
F13	15 Nov 2023	58	13.61	88.47	6.5	33.27	8.0	24.9	0.70
F13	15 Nov 2023	59	13.61	88.20	6.5	33.27	8.0	24.9	0.70
F13	15 Nov 2023	60	13.61	88.18	6.5	33.27	8.0	24.9	0.68
F13	15 Nov 2023	61	13.61	88.11	6.5	33.27	8.0	24.9	0.69
F13	15 Nov 2023	62	13.60	87.97	6.5	33.27	8.0	24.9	0.68
F14	15 Nov 2023	1	17.23	90.61	8.2	33.21	8.2	24.1	0.53
F14	15 Nov 2023	2	17.23	90.59	8.2	33.21	8.2	24.1	0.53
F14	15 Nov 2023	3	17.23	90.59	8.2	33.21	8.2	24.1	0.54
F14	15 Nov 2023	4	17.22	90.60	8.2	33.21	8.2	24.1	0.56
F14	15 Nov 2023	5	17.21	90.62	8.2	33.21	8.2	24.1	0.56
F14	15 Nov 2023	6	17.20	90.63	8.2	33.21	8.2	24.1	0.56
F14	15 Nov 2023	7	17.20	90.64	8.2	33.21	8.2	24.1	0.56
F14	15 Nov 2023	8	17.19	90.63	8.2	33.21	8.2	24.1	0.58
F14	15 Nov 2023	9	17.19	90.61	8.3	33.21	8.2	24.1	0.56
F14	15 Nov 2023	10	17.19	90.66	8.2	33.21	8.2	24.1	0.59
F14	15 Nov 2023	11	17.16	90.64	8.2	33.21	8.2	24.1	0.58
F14	15 Nov 2023	12	17.10	90.68	8.2	33.20	8.2	24.1	0.60
F14	15 Nov 2023	13	17.01	90.79	8.2	33.19	8.2	24.1	0.61
F14	15 Nov 2023	14	16.94	90.89	8.3	33.19	8.2	24.1	0.66
F14	15 Nov 2023	15	16.92	90.97	8.3	33.19	8.2	24.1	0.66
F14	15 Nov 2023	16	16.85	91.01	8.2	33.18	8.2	24.2	0.71
F14	15 Nov 2023	17	16.76	91.07	8.3	33.18	8.2	24.2	0.75
F14	15 Nov 2023	18	16.67	91.07	8.3	33.18	8.2	24.2	0.79
F14	15 Nov 2023	19	16.53	91.11	8.3	33.17	8.1	24.2	0.83
F14	15 Nov 2023	20	16.36	91.11	8.3	33.16	8.1	24.3	0.88
F14	15 Nov 2023	21	16.27	91.06	8.3	33.16	8.1	24.3	0.91
F14	15 Nov 2023	22	15.99	90.95	8.3	33.14	8.1	24.3	0.92
F14	15 Nov 2023	23	15.66	90.94	8.4	33.14	8.1	24.4	0.95
F14	15 Nov 2023	24	15.63	90.96	8.4	33.13	8.1	24.4	0.94
F14	15 Nov 2023	25	15.57	90.91	8.4	33.13	8.1	24.4	0.95
F14	15 Nov 2023	26	15.44	91.06	8.4	33.13	8.1	24.4	0.94

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F14	15 Nov 2023	27	15.19	91.11	8.4	33.11	8.1	24.5	0.97
F14	15 Nov 2023	28	14.99	91.02	8.4	33.12	8.1	24.5	1.09
F14	15 Nov 2023	29	14.96	90.96	8.4	33.12	8.1	24.5	1.20
F14	15 Nov 2023	30	14.94	90.74	8.4	33.12	8.1	24.5	1.30
F14	15 Nov 2023	31	14.84	90.72	8.3	33.12	8.1	24.6	1.44
F14	15 Nov 2023	32	14.69	90.58	8.3	33.13	8.1	24.6	1.59
F14	15 Nov 2023	33	14.62	90.37	8.2	33.13	8.1	24.6	1.65
F14	15 Nov 2023	34	14.50	90.22	8.2	33.13	8.1	24.6	1.72
F14	15 Nov 2023	35	14.38	90.32	8.1	33.14	8.1	24.7	1.71
F14	15 Nov 2023	36	14.30	90.39	8.0	33.15	8.1	24.7	1.70
F14	15 Nov 2023	37	14.24	90.51	8.0	33.15	8.1	24.7	1.67
F14	15 Nov 2023	38	14.20	90.58	7.9	33.15	8.1	24.7	1.62
F14	15 Nov 2023	39	14.11	90.67	7.8	33.16	8.1	24.7	1.58
F14	15 Nov 2023	40	13.98	90.90	7.5	33.18	8.1	24.8	1.38
F14	15 Nov 2023	41	13.93	91.21	7.5	33.18	8.1	24.8	1.26
F14	15 Nov 2023	42	13.89	91.54	7.4	33.18	8.1	24.8	1.20
F14	15 Nov 2023	43	13.82	91.65	7.4	33.19	8.1	24.8	1.17
F14	15 Nov 2023	44	13.76	91.75	7.4	33.19	8.1	24.8	1.09
F14	15 Nov 2023	45	13.69	91.88	7.2	33.21	8.0	24.9	0.99
F14	15 Nov 2023	46	13.71	91.67	6.8	33.24	8.0	24.9	0.89
F14	15 Nov 2023	47	13.72	90.49	6.8	33.25	8.0	24.9	0.85
F14	15 Nov 2023	48	13.73	89.58	6.7	33.25	8.0	24.9	0.82
F14	15 Nov 2023	49	13.73	89.19	6.7	33.25	8.0	24.9	0.81
F14	15 Nov 2023	50	13.73	88.78	6.7	33.25	8.0	24.9	0.79
F14	15 Nov 2023	51	13.72	88.62	6.7	33.26	8.0	24.9	0.80
F14	15 Nov 2023	52	13.72	88.63	6.7	33.26	8.0	24.9	0.79
F14	15 Nov 2023	53	13.72	88.44	6.7	33.26	8.0	24.9	0.79
F14	15 Nov 2023	54	13.72	88.55	6.7	33.26	8.0	24.9	0.81
F14	15 Nov 2023	55	13.72	88.47	6.6	33.26	8.0	24.9	0.77
F14	15 Nov 2023	56	13.72	88.40	6.6	33.26	8.0	24.9	0.77
F14	15 Nov 2023	57	13.72	88.16	6.6	33.26	8.0	24.9	0.77
F14	15 Nov 2023	58	13.72	88.05	6.6	33.26	8.0	24.9	0.77
F14	15 Nov 2023	59	13.72	87.96	6.6	33.26	8.0	24.9	0.77
F14	15 Nov 2023	60	13.72	87.64	6.6	33.26	8.0	24.9	0.78
F14	15 Nov 2023	61	13.72	87.45	6.6	33.26	8.0	24.9	0.78
F14	15 Nov 2023	62	13.72	87.47	6.6	33.26	8.0	24.9	0.77
F15	16 Nov 2023	1	17.56	89.00	8.1	33.26	8.1	24.0	0.81
F15	16 Nov 2023	2	17.57	88.83	8.1	33.26	8.1	24.0	0.87
F15	16 Nov 2023	3	17.52	88.83	8.1	33.26	8.1	24.1	0.86
F15	16 Nov 2023	4	17.48	89.17	8.1	33.26	8.1	24.1	0.85
F15	16 Nov 2023	5	17.47	89.39	8.1	33.25	8.1	24.1	0.87
F15	16 Nov 2023	6	17.47	89.42	8.1	33.25	8.1	24.1	0.90
F15	16 Nov 2023	7	17.42	89.54	8.1	33.25	8.1	24.1	0.91
F15	16 Nov 2023	8	17.31	89.62	8.1	33.25	8.1	24.1	0.84
F15	16 Nov 2023	9	17.20	89.64	8.1	33.25	8.1	24.1	0.85
F15	16 Nov 2023	10	17.16	89.75	8.1	33.25	8.1	24.1	0.84
F15	16 Nov 2023	11	17.11	89.78	8.1	33.25	8.1	24.1	0.86
F15	16 Nov 2023	12	17.10	89.71	8.1	33.25	8.1	24.1	0.91
F15	16 Nov 2023	13	17.08	89.84	8.1	33.25	8.1	24.1	0.92
F15	16 Nov 2023	14	17.06	89.86	8.1	33.25	8.1	24.2	0.87
F15	16 Nov 2023	15	17.04	89.86	8.1	33.25	8.1	24.2	0.94
F15	16 Nov 2023	16	17.02	89.85	8.1	33.24	8.1	24.2	0.96
F15	16 Nov 2023	17	17.00	90.10	8.1	33.24	8.1	24.2	0.93
F15	16 Nov 2023	18	16.96	90.22	8.0	33.24	8.1	24.2	0.95
F15	16 Nov 2023	19	16.88	90.40	8.1	33.23	8.1	24.2	0.98
F15	16 Nov 2023	20	16.77	90.52	8.1	33.22	8.1	24.2	1.00
F15	16 Nov 2023	21	16.58	90.59	8.1	33.21	8.1	24.2	1.04
F15	16 Nov 2023	22	16.51	90.75	8.1	33.21	8.1	24.3	1.08
F15	16 Nov 2023	23	16.41	90.91	8.1	33.20	8.1	24.3	1.11
F15	16 Nov 2023	24	16.09	90.95	8.1	33.18	8.1	24.3	1.15

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F15	16 Nov 2023	25	15.87	90.96	8.1	33.17	8.1	24.4	1.17
F15	16 Nov 2023	26	15.63	91.00	8.1	33.16	8.1	24.4	1.23
F15	16 Nov 2023	27	15.31	90.96	8.1	33.15	8.0	24.5	1.28
F15	16 Nov 2023	28	15.15	91.02	8.0	33.14	8.0	24.5	1.18
F15	16 Nov 2023	29	15.02	91.10	7.8	33.15	8.0	24.5	1.10
F15	16 Nov 2023	30	14.97	91.38	7.7	33.16	8.0	24.6	1.00
F15	16 Nov 2023	31	14.90	91.84	7.7	33.15	8.0	24.6	1.00
F15	16 Nov 2023	32	14.77	91.85	7.6	33.16	8.0	24.6	1.00
F15	16 Nov 2023	33	14.64	91.89	7.5	33.17	8.0	24.6	0.98
F15	16 Nov 2023	34	14.61	91.83	7.4	33.19	8.0	24.7	0.95
F15	16 Nov 2023	35	14.61	91.83	7.4	33.19	8.0	24.7	0.91
F15	16 Nov 2023	36	14.61	91.86	7.4	33.19	8.0	24.7	0.90
F15	16 Nov 2023	37	14.62	91.85	7.4	33.19	8.0	24.7	0.86
F15	16 Nov 2023	38	14.62	91.89	7.4	33.19	8.0	24.7	0.87
F15	16 Nov 2023	39	14.59	91.84	7.4	33.19	8.0	24.7	0.87
F15	16 Nov 2023	40	14.54	92.07	7.4	33.19	8.0	24.7	0.86
F15	16 Nov 2023	41	14.51	92.01	7.4	33.19	8.0	24.7	0.89
F15	16 Nov 2023	42	14.51	92.03	7.3	33.19	8.0	24.7	0.89
F15	16 Nov 2023	43	14.40	92.03	7.3	33.19	8.0	24.7	0.86
F15	16 Nov 2023	44	14.30	92.03	7.3	33.18	8.0	24.7	0.85
F15	16 Nov 2023	45	14.27	92.10	7.2	33.18	8.0	24.7	0.87
F15	16 Nov 2023	46	14.27	92.13	7.2	33.19	8.0	24.7	0.83
F15	16 Nov 2023	47	14.26	91.66	7.2	33.19	8.0	24.7	0.85
F15	16 Nov 2023	48	14.24	91.90	7.1	33.20	8.0	24.7	0.81
F15	16 Nov 2023	49	14.22	91.98	7.1	33.21	8.0	24.8	0.80
F15	16 Nov 2023	50	14.21	91.98	7.0	33.21	8.0	24.8	0.78
F15	16 Nov 2023	51	14.18	91.94	7.1	33.21	8.0	24.8	0.81
F15	16 Nov 2023	52	14.18	91.95	7.1	33.21	8.0	24.8	0.75
F15	16 Nov 2023	53	14.17	91.99	7.1	33.20	8.0	24.8	0.75
F15	16 Nov 2023	54	14.16	92.06	7.1	33.20	8.0	24.8	0.76
F15	16 Nov 2023	55	14.15	92.13	7.1	33.20	8.0	24.8	0.75
F15	16 Nov 2023	56	14.15	92.19	7.1	33.20	8.0	24.8	0.76
F15	16 Nov 2023	57	14.15	92.18	7.0	33.20	8.0	24.8	0.75
F15	16 Nov 2023	58	14.15	92.14	7.0	33.21	8.0	24.8	0.75
F15	16 Nov 2023	59	14.15	92.21	7.0	33.21	7.9	24.8	0.74
F15	16 Nov 2023	60	14.15	92.30	7.0	33.21	7.9	24.8	0.72
F15	16 Nov 2023	61	14.14	92.32	7.0	33.22	7.9	24.8	0.72
F15	16 Nov 2023	62	14.12	92.32	6.9	33.22	7.9	24.8	0.70
F15	16 Nov 2023	63	14.11	92.33	6.9	33.23	7.9	24.8	0.68
F15	16 Nov 2023	64	14.05	92.29	6.8	33.24	7.9	24.8	0.64
F15	16 Nov 2023	65	14.02	92.26	6.7	33.25	7.9	24.8	0.60
F15	16 Nov 2023	66	14.00	92.19	6.7	33.25	7.9	24.8	0.60
F15	16 Nov 2023	67	13.94	92.13	6.7	33.24	7.9	24.8	0.58
F15	16 Nov 2023	68	13.88	92.12	6.6	33.25	7.9	24.9	0.57
F15	16 Nov 2023	69	13.84	92.10	6.5	33.27	7.9	24.9	0.56
F15	16 Nov 2023	70	13.84	91.85	6.5	33.27	7.9	24.9	0.55
F15	16 Nov 2023	71	13.84	91.47	6.5	33.27	7.9	24.9	0.54
F15	16 Nov 2023	72	13.84	91.41	6.5	33.27	7.9	24.9	0.54
F15	16 Nov 2023	73	13.84	91.34	6.4	33.28	7.9	24.9	0.54
F15	16 Nov 2023	74	13.84	91.30	6.4	33.28	7.9	24.9	0.54
F15	16 Nov 2023	75	13.84	91.30	6.4	33.28	7.9	24.9	0.54
F15	16 Nov 2023	76	13.83	91.32	6.4	33.28	7.9	24.9	0.54
F15	16 Nov 2023	77	13.83	91.32	6.4	33.28	7.9	24.9	0.54
F15	16 Nov 2023	78	13.83	91.25	6.5	33.28	7.9	24.9	0.56
F15	16 Nov 2023	79	13.83	91.19	6.5	33.28	7.9	24.9	0.55
F15	16 Nov 2023	80	13.83	91.16	6.4	33.28	7.9	24.9	0.55
F15	16 Nov 2023	81	13.83	90.98	6.4	33.28	7.9	24.9	0.56
F15	16 Nov 2023	82	13.83	90.83	6.4	33.28	7.9	24.9	0.54
F15	16 Nov 2023	83	13.83	90.76	6.4	33.28	7.9	24.9	0.54
F16	16 Nov 2023	1	17.61	88.15	8.1	33.26	8.1	24.0	1.05

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F16	16 Nov 2023	2	17.50	88.12	8.1	33.25	8.1	24.1	0.99
F16	16 Nov 2023	3	17.42	88.33	8.1	33.25	8.1	24.1	0.98
F16	16 Nov 2023	4	17.37	88.77	8.1	33.25	8.1	24.1	0.95
F16	16 Nov 2023	5	17.33	89.05	8.1	33.24	8.1	24.1	0.93
F16	16 Nov 2023	6	17.26	89.20	8.1	33.24	8.1	24.1	1.01
F16	16 Nov 2023	7	17.17	89.04	8.1	33.24	8.1	24.1	0.99
F16	16 Nov 2023	8	17.11	89.13	8.1	33.24	8.1	24.1	1.05
F16	16 Nov 2023	9	17.08	89.28	8.1	33.24	8.1	24.1	1.05
F16	16 Nov 2023	10	17.07	89.18	8.1	33.24	8.1	24.1	1.08
F16	16 Nov 2023	11	17.04	89.18	8.1	33.24	8.1	24.2	1.09
F16	16 Nov 2023	12	17.03	89.30	8.1	33.24	8.1	24.2	1.05
F16	16 Nov 2023	13	17.03	89.34	8.1	33.24	8.1	24.2	1.11
F16	16 Nov 2023	14	17.00	89.47	8.1	33.24	8.1	24.2	1.07
F16	16 Nov 2023	15	16.98	89.55	8.1	33.24	8.1	24.2	1.01
F16	16 Nov 2023	16	16.95	89.69	8.1	33.24	8.1	24.2	1.00
F16	16 Nov 2023	17	16.89	89.89	8.1	33.24	8.1	24.2	0.93
F16	16 Nov 2023	18	16.83	90.07	8.1	33.24	8.1	24.2	0.91
F16	16 Nov 2023	19	16.81	90.04	8.1	33.24	8.1	24.2	0.93
F16	16 Nov 2023	20	16.79	90.05	8.1	33.24	8.1	24.2	0.91
F16	16 Nov 2023	21	16.71	90.03	8.2	33.23	8.1	24.2	0.97
F16	16 Nov 2023	22	16.63	89.80	8.1	33.23	8.1	24.2	0.85
F16	16 Nov 2023	23	16.59	89.72	8.2	33.23	8.1	24.3	0.86
F16	16 Nov 2023	24	16.54	89.58	8.2	33.23	8.1	24.3	0.91
F16	16 Nov 2023	25	16.48	89.40	8.1	33.22	8.1	24.3	0.80
F16	16 Nov 2023	26	16.27	89.62	8.1	33.20	8.1	24.3	0.77
F16	16 Nov 2023	27	16.09	89.94	8.1	33.20	8.1	24.3	0.75
F16	16 Nov 2023	28	15.92	90.16	8.0	33.19	8.1	24.4	0.80
F16	16 Nov 2023	29	15.42	90.42	8.0	33.16	8.0	24.5	0.89
F16	16 Nov 2023	30	15.08	90.73	8.0	33.16	8.0	24.5	1.00
F16	16 Nov 2023	31	14.99	91.06	8.0	33.16	8.0	24.6	1.08
F16	16 Nov 2023	32	14.96	91.24	8.0	33.15	8.0	24.6	1.15
F16	16 Nov 2023	33	14.91	91.26	8.0	33.15	8.0	24.6	1.19
F16	16 Nov 2023	34	14.84	91.19	7.8	33.16	8.0	24.6	1.20
F16	16 Nov 2023	35	14.74	91.25	7.7	33.17	8.0	24.6	1.17
F16	16 Nov 2023	36	14.69	91.37	7.7	33.18	8.0	24.6	1.20
F16	16 Nov 2023	37	14.68	91.45	7.6	33.18	8.0	24.6	1.16
F16	16 Nov 2023	38	14.66	91.45	7.5	33.19	8.0	24.6	1.08
F16	16 Nov 2023	39	14.65	91.42	7.4	33.19	8.0	24.7	1.04
F16	16 Nov 2023	40	14.64	91.20	7.3	33.20	8.0	24.7	1.06
F16	16 Nov 2023	41	14.62	91.02	7.2	33.21	8.0	24.7	1.14
F16	16 Nov 2023	42	14.60	90.94	7.1	33.21	8.0	24.7	1.18
F16	16 Nov 2023	43	14.59	90.38	7.1	33.21	8.0	24.7	1.16
F16	16 Nov 2023	44	14.58	90.07	7.0	33.21	8.0	24.7	1.14
F16	16 Nov 2023	45	14.58	90.04	7.0	33.21	8.0	24.7	1.12
F16	16 Nov 2023	46	14.57	89.92	7.0	33.21	8.0	24.7	1.11
F16	16 Nov 2023	47	14.57	89.94	7.0	33.21	7.9	24.7	1.11
F16	16 Nov 2023	48	14.57	89.95	7.0	33.21	7.9	24.7	1.08
F16	16 Nov 2023	49	14.57	89.86	7.0	33.21	7.9	24.7	1.13
F16	16 Nov 2023	50	14.57	89.90	7.0	33.21	7.9	24.7	1.09
F16	16 Nov 2023	51	14.56	89.85	6.9	33.21	7.9	24.7	1.06
F16	16 Nov 2023	52	14.54	89.78	6.9	33.22	7.9	24.7	1.09
F16	16 Nov 2023	53	14.50	89.67	6.9	33.22	7.9	24.7	1.10
F16	16 Nov 2023	54	14.49	89.71	6.8	33.22	7.9	24.7	1.17
F16	16 Nov 2023	55	14.47	89.71	6.8	33.22	7.9	24.7	1.10
F16	16 Nov 2023	56	14.46	89.72	6.9	33.22	7.9	24.7	1.04
F16	16 Nov 2023	57	14.46	89.84	6.9	33.22	7.9	24.7	0.99
F16	16 Nov 2023	58	14.45	89.92	6.8	33.22	7.9	24.7	1.06
F16	16 Nov 2023	59	14.42	89.93	6.8	33.22	7.9	24.7	1.04
F16	16 Nov 2023	60	14.38	89.98	6.8	33.22	7.9	24.7	0.98
F16	16 Nov 2023	61	14.35	90.08	6.9	33.22	7.9	24.7	0.93
F16	16 Nov 2023	62	14.20	90.26	7.1	33.20	7.9	24.8	0.87

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F16	16 Nov 2023	63	14.11	91.11	7.1	33.20	8.0	24.8	0.84
F16	16 Nov 2023	64	14.08	91.85	7.1	33.21	7.9	24.8	0.79
F16	16 Nov 2023	65	14.07	91.98	7.0	33.21	7.9	24.8	0.73
F16	16 Nov 2023	66	14.03	92.03	6.8	33.23	7.9	24.8	0.70
F16	16 Nov 2023	67	14.00	92.04	6.7	33.25	7.9	24.8	0.65
F16	16 Nov 2023	68	13.99	91.96	6.7	33.25	7.9	24.8	0.64
F16	16 Nov 2023	69	13.96	91.80	6.7	33.25	7.9	24.8	0.65
F16	16 Nov 2023	70	13.96	91.58	6.7	33.25	7.9	24.8	0.65
F16	16 Nov 2023	71	13.96	91.49	6.7	33.25	7.9	24.8	0.66
F16	16 Nov 2023	72	13.96	91.43	6.7	33.25	7.9	24.8	0.66
F16	16 Nov 2023	73	13.96	91.45	6.7	33.25	7.9	24.8	0.65
F16	16 Nov 2023	74	13.96	91.47	6.7	33.25	7.9	24.8	0.66
F16	16 Nov 2023	75	13.96	91.46	6.7	33.25	7.9	24.8	0.67
F16	16 Nov 2023	76	13.96	91.38	6.6	33.25	7.9	24.8	0.68
F16	16 Nov 2023	77	13.94	91.36	6.6	33.26	7.9	24.9	0.66
F16	16 Nov 2023	78	13.92	91.31	6.6	33.26	7.9	24.9	0.66
F16	16 Nov 2023	79	13.90	91.11	6.5	33.26	7.9	24.9	0.69
F16	16 Nov 2023	80	13.88	90.48	6.5	33.26	7.9	24.9	0.67
F16	16 Nov 2023	81	13.85	90.05	6.5	33.27	7.9	24.9	0.66
F16	16 Nov 2023	82	13.85	89.56	6.5	33.27	7.9	24.9	0.67
F16	16 Nov 2023	83	13.86	89.31	6.5	33.27	7.9	24.9	0.66
F17	16 Nov 2023	1	17.50	88.34	8.1	33.25	8.1	24.1	0.90
F17	16 Nov 2023	2	17.45	88.44	8.1	33.25	8.1	24.1	0.90
F17	16 Nov 2023	3	17.25	88.34	8.1	33.25	8.1	24.1	0.93
F17	16 Nov 2023	4	17.14	88.29	8.1	33.25	8.1	24.1	0.92
F17	16 Nov 2023	5	17.10	88.47	8.1	33.24	8.1	24.1	0.92
F17	16 Nov 2023	6	17.09	88.93	8.1	33.24	8.1	24.1	0.94
F17	16 Nov 2023	7	17.07	89.15	8.1	33.24	8.1	24.1	0.98
F17	16 Nov 2023	8	17.08	89.36	8.1	33.24	8.1	24.1	0.97
F17	16 Nov 2023	9	17.06	89.67	8.1	33.24	8.1	24.2	1.05
F17	16 Nov 2023	10	17.03	89.76	8.1	33.24	8.1	24.2	1.17
F17	16 Nov 2023	11	17.00	89.59	8.1	33.24	8.1	24.2	1.36
F17	16 Nov 2023	12	16.98	89.28	8.1	33.24	8.1	24.2	1.71
F17	16 Nov 2023	13	16.95	88.45	8.1	33.24	8.1	24.2	1.81
F17	16 Nov 2023	14	16.93	87.93	8.1	33.24	8.1	24.2	2.07
F17	16 Nov 2023	15	16.93	87.79	8.1	33.24	8.1	24.2	2.18
F17	16 Nov 2023	16	16.92	87.78	8.1	33.24	8.1	24.2	2.13
F17	16 Nov 2023	17	16.91	87.65	8.0	33.24	8.1	24.2	2.11
F17	16 Nov 2023	18	16.88	87.72	8.1	33.24	8.1	24.2	1.96
F17	16 Nov 2023	19	16.83	87.27	8.1	33.24	8.1	24.2	1.57
F17	16 Nov 2023	20	16.79	88.02	8.1	33.23	8.1	24.2	1.50
F17	16 Nov 2023	21	16.75	88.48	8.0	33.23	8.1	24.2	1.38
F17	16 Nov 2023	22	16.67	88.50	8.0	33.23	8.1	24.2	1.31
F17	16 Nov 2023	23	16.60	88.35	8.1	33.23	8.1	24.2	1.26
F17	16 Nov 2023	24	16.55	88.44	8.1	33.23	8.1	24.3	1.13
F17	16 Nov 2023	25	16.52	88.94	8.1	33.23	8.1	24.3	0.99
F17	16 Nov 2023	26	16.44	89.09	8.1	33.22	8.1	24.3	0.97
F17	16 Nov 2023	27	16.35	89.24	8.1	33.22	8.1	24.3	0.94
F17	16 Nov 2023	28	16.24	89.07	8.1	33.21	8.1	24.3	0.98
F17	16 Nov 2023	29	16.16	88.99	8.1	33.21	8.0	24.3	0.97
F17	16 Nov 2023	30	16.12	88.90	8.1	33.20	8.0	24.3	1.03
F17	16 Nov 2023	31	16.01	88.46	8.1	33.20	8.0	24.4	1.04
F17	16 Nov 2023	32	15.95	88.23	8.1	33.20	8.0	24.4	1.01
F17	16 Nov 2023	33	15.90	88.32	8.0	33.19	8.0	24.4	0.97
F17	16 Nov 2023	34	15.86	88.58	8.0	33.19	8.0	24.4	0.94
F17	16 Nov 2023	35	15.80	88.61	8.0	33.19	8.0	24.4	0.93
F17	16 Nov 2023	36	15.61	89.11	7.8	33.19	8.0	24.4	0.89
F17	16 Nov 2023	37	15.49	89.56	7.8	33.19	8.0	24.5	0.92
F17	16 Nov 2023	38	15.27	89.65	7.7	33.19	8.0	24.5	0.88
F17	16 Nov 2023	39	15.02	90.46	7.5	33.19	8.0	24.6	0.89

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F17	16 Nov 2023	40	14.79	90.71	7.2	33.20	8.0	24.6	1.01
F17	16 Nov 2023	41	14.77	90.43	7.2	33.20	8.0	24.6	1.06
F17	16 Nov 2023	42	14.75	90.12	7.1	33.20	8.0	24.6	1.15
F17	16 Nov 2023	43	14.74	89.86	7.1	33.20	8.0	24.6	1.10
F17	16 Nov 2023	44	14.72	89.91	7.1	33.20	8.0	24.6	1.10
F17	16 Nov 2023	45	14.71	89.84	7.0	33.20	8.0	24.6	1.08
F17	16 Nov 2023	46	14.70	89.68	7.0	33.20	8.0	24.7	1.25
F17	16 Nov 2023	47	14.71	89.81	7.0	33.20	7.9	24.6	1.12
F17	16 Nov 2023	48	14.67	89.74	6.9	33.21	7.9	24.7	1.08
F17	16 Nov 2023	49	14.66	89.55	6.9	33.21	7.9	24.7	1.11
F17	16 Nov 2023	50	14.65	89.51	6.9	33.21	7.9	24.7	1.12
F17	16 Nov 2023	51	14.65	89.46	6.9	33.21	7.9	24.7	1.09
F17	16 Nov 2023	52	14.65	89.43	6.9	33.21	7.9	24.7	1.09
F17	16 Nov 2023	53	14.64	89.41	6.9	33.21	7.9	24.7	1.08
F17	16 Nov 2023	54	14.64	89.47	6.9	33.21	7.9	24.7	1.10
F17	16 Nov 2023	55	14.64	89.51	6.9	33.21	7.9	24.7	1.15
F17	16 Nov 2023	56	14.63	89.45	6.9	33.21	7.9	24.7	1.23
F17	16 Nov 2023	57	14.63	89.56	6.9	33.21	7.9	24.7	1.18
F17	16 Nov 2023	58	14.63	89.52	6.9	33.21	7.9	24.7	1.13
F17	16 Nov 2023	59	14.63	89.53	6.9	33.21	7.9	24.7	1.11
F17	16 Nov 2023	60	14.63	89.45	6.9	33.21	7.9	24.7	1.05
F17	16 Nov 2023	61	14.63	89.52	6.9	33.21	7.9	24.7	1.12
F17	16 Nov 2023	62	14.63	89.55	6.9	33.21	7.9	24.7	1.08
F17	16 Nov 2023	63	14.63	89.59	6.9	33.21	7.9	24.7	1.13
F17	16 Nov 2023	64	14.63	89.65	6.9	33.21	7.9	24.7	1.10
F17	16 Nov 2023	65	14.63	89.68	6.9	33.21	7.9	24.7	1.04
F17	16 Nov 2023	66	14.63	89.52	6.9	33.21	7.9	24.7	1.09
F17	16 Nov 2023	67	14.61	89.50	6.9	33.21	7.9	24.7	1.10
F17	16 Nov 2023	68	14.58	89.47	6.8	33.22	7.9	24.7	1.02
F17	16 Nov 2023	69	14.55	89.36	6.8	33.22	7.9	24.7	0.97
F17	16 Nov 2023	70	14.49	89.17	6.7	33.22	7.9	24.7	0.95
F17	16 Nov 2023	71	14.44	88.98	6.7	33.23	7.9	24.7	0.94
F17	16 Nov 2023	72	14.43	88.88	6.7	33.23	7.9	24.7	0.91
F17	16 Nov 2023	73	14.40	88.87	6.7	33.23	7.9	24.7	0.88
F17	16 Nov 2023	74	14.36	88.93	6.7	33.23	7.9	24.7	0.88
F17	16 Nov 2023	75	14.36	88.83	6.7	33.23	7.9	24.7	0.86
F17	16 Nov 2023	76	14.33	88.94	6.6	33.23	7.9	24.8	0.86
F17	16 Nov 2023	77	14.26	88.97	6.6	33.23	7.9	24.8	0.85
F17	16 Nov 2023	78	14.10	88.87	6.6	33.24	7.9	24.8	0.83
F17	16 Nov 2023	79	14.05	88.42	6.6	33.25	7.9	24.8	0.77
F17	16 Nov 2023	80	14.01	87.84	6.6	33.25	7.9	24.8	0.76
F17	16 Nov 2023	81	14.00	87.42	6.5	33.25	7.9	24.8	0.75
F17	16 Nov 2023	82	13.98	86.94	6.6	33.25	7.9	24.8	0.75
F18	16 Nov 2023	1	17.65	91.22	8.0	33.27	8.1	24.0	0.43
F18	16 Nov 2023	2	17.64	91.26	8.0	33.27	8.1	24.0	0.42
F18	16 Nov 2023	3	17.56	91.06	8.0	33.27	8.1	24.1	0.44
F18	16 Nov 2023	4	17.54	91.08	8.0	33.27	8.1	24.1	0.48
F18	16 Nov 2023	5	17.53	91.03	8.0	33.27	8.1	24.1	0.49
F18	16 Nov 2023	6	17.46	91.06	8.0	33.26	8.1	24.1	0.51
F18	16 Nov 2023	7	17.39	91.03	8.0	33.26	8.1	24.1	0.54
F18	16 Nov 2023	8	17.33	90.87	8.0	33.26	8.1	24.1	0.56
F18	16 Nov 2023	9	17.27	90.56	8.0	33.26	8.1	24.1	0.66
F18	16 Nov 2023	10	17.25	90.42	8.0	33.26	8.1	24.1	0.74
F18	16 Nov 2023	11	17.24	90.35	8.0	33.26	8.1	24.1	0.80
F18	16 Nov 2023	12	17.21	90.14	8.0	33.25	8.1	24.1	0.94
F18	16 Nov 2023	13	17.20	90.05	8.0	33.25	8.1	24.1	0.99
F18	16 Nov 2023	14	17.15	90.36	8.0	33.25	8.1	24.1	0.89
F18	16 Nov 2023	15	17.09	90.55	8.0	33.25	8.1	24.1	0.86
F18	16 Nov 2023	16	17.04	90.63	8.1	33.25	8.1	24.2	0.81
F18	16 Nov 2023	17	17.02	90.56	8.0	33.24	8.1	24.2	0.81

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F18	16 Nov 2023	18	17.02	90.64	8.0	33.24	8.1	24.2	0.79
F18	16 Nov 2023	19	17.00	90.53	8.1	33.24	8.1	24.2	0.83
F18	16 Nov 2023	20	16.98	90.55	8.1	33.24	8.1	24.2	0.82
F18	16 Nov 2023	21	16.96	90.46	8.0	33.24	8.1	24.2	0.89
F18	16 Nov 2023	22	16.95	90.41	8.0	33.24	8.1	24.2	0.88
F18	16 Nov 2023	23	16.94	90.34	8.1	33.24	8.1	24.2	0.90
F18	16 Nov 2023	24	16.87	90.14	8.1	33.24	8.1	24.2	0.93
F18	16 Nov 2023	25	16.80	90.08	8.1	33.24	8.1	24.2	0.98
F18	16 Nov 2023	26	16.78	89.80	8.1	33.24	8.1	24.2	1.00
F18	16 Nov 2023	27	16.75	89.61	8.1	33.23	8.1	24.2	1.02
F18	16 Nov 2023	28	16.66	89.48	8.1	33.23	8.1	24.2	1.09
F18	16 Nov 2023	29	16.59	89.30	8.0	33.23	8.1	24.2	1.08
F18	16 Nov 2023	30	16.49	89.07	8.1	33.23	8.1	24.3	1.06
F18	16 Nov 2023	31	16.45	88.87	8.1	33.23	8.1	24.3	1.20
F18	16 Nov 2023	32	16.26	88.48	7.9	33.21	8.1	24.3	1.32
F18	16 Nov 2023	33	16.04	87.82	7.8	33.21	8.0	24.4	1.35
F18	16 Nov 2023	34	15.96	87.80	7.7	33.21	8.0	24.4	1.38
F18	16 Nov 2023	35	15.89	87.16	7.7	33.20	8.0	24.4	1.42
F18	16 Nov 2023	36	15.79	87.16	7.7	33.20	8.0	24.4	1.37
F18	16 Nov 2023	37	15.76	87.87	7.7	33.20	8.0	24.4	1.41
F18	16 Nov 2023	38	15.73	87.90	7.7	33.20	8.0	24.4	1.31
F18	16 Nov 2023	39	15.69	87.66	7.7	33.20	8.0	24.4	1.27
F18	16 Nov 2023	40	15.63	88.07	7.7	33.20	8.0	24.4	1.13
F18	16 Nov 2023	41	15.60	88.36	7.8	33.20	8.0	24.5	1.11
F18	16 Nov 2023	42	15.56	88.63	7.7	33.20	8.0	24.5	1.11
F18	16 Nov 2023	43	15.47	88.55	7.6	33.20	8.0	24.5	1.14
F18	16 Nov 2023	44	15.46	88.69	7.7	33.20	8.0	24.5	1.10
F18	16 Nov 2023	45	15.45	88.86	7.6	33.20	8.0	24.5	1.04
F18	16 Nov 2023	46	15.44	89.04	7.6	33.20	8.0	24.5	1.02
F18	16 Nov 2023	47	15.37	89.23	7.6	33.20	8.0	24.5	1.01
F18	16 Nov 2023	48	15.11	89.65	7.4	33.20	8.0	24.6	1.02
F18	16 Nov 2023	49	15.00	90.05	7.3	33.20	8.0	24.6	0.96
F18	16 Nov 2023	50	14.96	89.80	7.2	33.20	8.0	24.6	0.98
F18	16 Nov 2023	51	14.86	89.41	7.0	33.20	8.0	24.6	1.00
F18	16 Nov 2023	52	14.78	88.87	6.9	33.20	8.0	24.6	0.99
F18	16 Nov 2023	53	14.73	88.43	6.9	33.20	7.9	24.6	1.05
F18	16 Nov 2023	54	14.73	88.36	6.8	33.20	7.9	24.6	1.00
F18	16 Nov 2023	55	14.72	88.26	6.8	33.20	7.9	24.6	0.96
F18	16 Nov 2023	56	14.71	88.19	6.8	33.21	7.9	24.6	1.00
F18	16 Nov 2023	57	14.71	88.33	6.8	33.21	7.9	24.7	1.01
F18	16 Nov 2023	58	14.70	88.26	6.8	33.21	7.9	24.7	1.04
F18	16 Nov 2023	59	14.67	88.12	6.8	33.21	7.9	24.7	1.05
F18	16 Nov 2023	60	14.66	87.98	6.8	33.21	7.9	24.7	0.97
F18	16 Nov 2023	61	14.65	88.04	6.8	33.21	7.9	24.7	0.97
F18	16 Nov 2023	62	14.64	87.95	6.8	33.21	7.9	24.7	0.97
F18	16 Nov 2023	63	14.63	87.90	6.8	33.21	7.9	24.7	0.94
F18	16 Nov 2023	64	14.61	87.96	6.8	33.21	7.9	24.7	0.93
F18	16 Nov 2023	65	14.52	87.93	6.8	33.22	7.9	24.7	0.93
F18	16 Nov 2023	66	14.51	87.47	6.8	33.22	7.9	24.7	0.93
F18	16 Nov 2023	67	14.51	87.41	6.8	33.22	7.9	24.7	0.90
F18	16 Nov 2023	68	14.51	87.43	6.8	33.22	7.9	24.7	0.98
F18	16 Nov 2023	69	14.50	87.42	6.7	33.22	7.9	24.7	0.94
F18	16 Nov 2023	70	14.49	87.26	6.8	33.22	7.9	24.7	0.95
F18	16 Nov 2023	71	14.50	87.26	6.8	33.22	7.9	24.7	0.96
F18	16 Nov 2023	72	14.46	87.18	6.7	33.22	7.9	24.7	0.93
F18	16 Nov 2023	73	14.45	87.18	6.7	33.22	7.9	24.7	0.95
F18	16 Nov 2023	74	14.40	87.15	6.8	33.22	7.9	24.7	0.90
F18	16 Nov 2023	75	14.38	87.09	6.8	33.22	7.9	24.7	0.91
F18	16 Nov 2023	76	14.29	87.21	6.7	33.22	7.9	24.8	0.91
F18	16 Nov 2023	77	14.20	86.77	6.7	33.23	7.9	24.8	0.91
F18	16 Nov 2023	78	14.17	86.42	6.7	33.23	7.9	24.8	0.90

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F18	16 Nov 2023	79	14.14	86.32	6.7	33.23	7.9	24.8	0.87
F18	16 Nov 2023	80	14.07	86.29	6.6	33.23	7.9	24.8	0.87
F18	16 Nov 2023	81	14.01	85.97	6.6	33.24	7.9	24.8	0.85
F18	16 Nov 2023	82	14.01	85.68	6.7	33.24	7.9	24.8	0.83
F19	16 Nov 2023	1	17.77	90.86	8.0	33.28	8.1	24.0	0.50
F19	16 Nov 2023	2	17.75	90.87	8.0	33.28	8.1	24.0	0.51
F19	16 Nov 2023	3	17.66	90.88	8.0	33.27	8.1	24.0	0.51
F19	16 Nov 2023	4	17.62	90.87	8.0	33.27	8.1	24.0	0.51
F19	16 Nov 2023	5	17.62	90.86	8.0	33.27	8.1	24.0	0.52
F19	16 Nov 2023	6	17.62	90.84	8.0	33.27	8.1	24.0	0.55
F19	16 Nov 2023	7	17.62	90.82	8.0	33.27	8.1	24.0	0.59
F19	16 Nov 2023	8	17.60	90.85	8.0	33.27	8.1	24.0	0.60
F19	16 Nov 2023	9	17.59	90.82	8.0	33.27	8.1	24.0	0.64
F19	16 Nov 2023	10	17.58	90.80	8.0	33.27	8.1	24.0	0.66
F19	16 Nov 2023	11	17.56	90.88	8.0	33.27	8.1	24.1	0.66
F19	16 Nov 2023	12	17.53	90.86	8.0	33.27	8.1	24.1	0.73
F19	16 Nov 2023	13	17.50	90.88	8.0	33.27	8.1	24.1	0.71
F19	16 Nov 2023	14	17.48	90.87	8.0	33.26	8.1	24.1	0.77
F19	16 Nov 2023	15	17.43	90.89	8.0	33.26	8.1	24.1	0.78
F19	16 Nov 2023	16	17.37	90.94	8.0	33.26	8.1	24.1	0.85
F19	16 Nov 2023	17	17.35	90.85	8.0	33.26	8.1	24.1	0.84
F19	16 Nov 2023	18	17.34	90.74	7.9	33.26	8.1	24.1	0.85
F19	16 Nov 2023	19	17.21	90.81	8.0	33.25	8.1	24.1	0.90
F19	16 Nov 2023	20	17.05	90.77	7.9	33.24	8.1	24.2	0.91
F19	16 Nov 2023	21	16.98	90.52	8.0	33.24	8.1	24.2	0.92
F19	16 Nov 2023	22	16.96	90.45	8.0	33.24	8.1	24.2	0.94
F19	16 Nov 2023	23	16.94	90.38	8.0	33.24	8.1	24.2	0.99
F19	16 Nov 2023	24	16.87	90.29	8.0	33.23	8.1	24.2	1.09
F19	16 Nov 2023	25	16.76	90.04	7.9	33.23	8.1	24.2	1.00
F19	16 Nov 2023	26	16.61	89.98	8.0	33.22	8.1	24.2	0.93
F19	16 Nov 2023	27	16.55	90.23	8.0	33.22	8.1	24.3	0.96
F19	16 Nov 2023	28	16.42	90.46	8.0	33.21	8.1	24.3	0.92
F19	16 Nov 2023	29	16.34	90.53	8.1	33.21	8.1	24.3	0.89
F19	16 Nov 2023	30	16.32	90.44	8.1	33.21	8.1	24.3	1.00
F19	16 Nov 2023	31	16.28	90.32	8.0	33.21	8.1	24.3	0.94
F19	16 Nov 2023	32	16.26	90.09	8.1	33.21	8.1	24.3	0.95
F19	16 Nov 2023	33	16.20	89.93	8.1	33.21	8.1	24.3	1.07
F19	16 Nov 2023	34	16.10	89.37	8.0	33.21	8.0	24.3	1.11
F19	16 Nov 2023	35	16.08	88.60	8.0	33.20	8.0	24.4	1.21
F19	16 Nov 2023	36	16.06	88.33	8.0	33.21	8.0	24.4	1.28
F19	16 Nov 2023	37	16.05	88.33	8.0	33.21	8.0	24.4	1.30
F19	16 Nov 2023	38	16.02	88.14	7.9	33.20	8.0	24.4	1.27
F19	16 Nov 2023	39	15.92	87.73	7.8	33.21	8.0	24.4	1.24
F19	16 Nov 2023	40	15.90	87.28	7.8	33.21	8.0	24.4	1.29
F19	16 Nov 2023	41	15.83	87.15	7.6	33.20	8.0	24.4	1.23
F19	16 Nov 2023	42	15.76	87.11	7.6	33.20	8.0	24.4	1.29
F19	16 Nov 2023	43	15.69	86.93	7.6	33.20	8.0	24.4	1.18
F19	16 Nov 2023	44	15.65	86.92	7.5	33.20	8.0	24.4	1.21
F19	16 Nov 2023	45	15.62	86.77	7.5	33.20	8.0	24.5	1.19
F19	16 Nov 2023	46	15.55	86.79	7.5	33.20	8.0	24.5	1.20
F19	16 Nov 2023	47	15.51	86.70	7.4	33.20	8.0	24.5	1.15
F19	16 Nov 2023	48	15.48	87.10	7.5	33.20	8.0	24.5	1.06
F19	16 Nov 2023	49	15.43	87.67	7.4	33.19	8.0	24.5	0.98
F19	16 Nov 2023	50	15.19	88.19	7.4	33.19	8.0	24.5	0.92
F19	16 Nov 2023	51	15.09	89.36	7.4	33.20	8.0	24.6	0.92
F19	16 Nov 2023	52	14.90	89.59	7.1	33.19	8.0	24.6	0.98
F19	16 Nov 2023	53	14.71	89.16	6.9	33.20	8.0	24.7	0.94
F19	16 Nov 2023	54	14.66	89.07	6.9	33.20	7.9	24.7	0.96
F19	16 Nov 2023	55	14.64	88.86	6.8	33.21	7.9	24.7	0.99
F19	16 Nov 2023	56	14.63	88.38	6.8	33.21	7.9	24.7	1.07

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F19	16 Nov 2023	57	14.62	88.55	6.8	33.21	7.9	24.7	1.04
F19	16 Nov 2023	58	14.60	88.58	6.8	33.21	7.9	24.7	1.07
F19	16 Nov 2023	59	14.58	88.79	6.8	33.21	7.9	24.7	1.10
F19	16 Nov 2023	60	14.52	88.91	6.8	33.21	7.9	24.7	1.04
F19	16 Nov 2023	61	14.52	89.02	6.8	33.22	7.9	24.7	1.01
F19	16 Nov 2023	62	14.49	89.19	6.8	33.22	7.9	24.7	1.12
F19	16 Nov 2023	63	14.48	89.11	6.8	33.22	7.9	24.7	0.98
F19	16 Nov 2023	64	14.48	89.12	6.8	33.22	7.9	24.7	0.97
F19	16 Nov 2023	65	14.46	89.15	6.8	33.22	7.9	24.7	0.91
F19	16 Nov 2023	66	14.44	89.12	6.8	33.22	7.9	24.7	0.91
F19	16 Nov 2023	67	14.44	89.32	6.8	33.22	7.9	24.7	0.93
F19	16 Nov 2023	68	14.43	89.40	6.8	33.22	7.9	24.7	0.94
F19	16 Nov 2023	69	14.42	89.38	6.8	33.22	7.9	24.7	0.91
F19	16 Nov 2023	70	14.42	89.29	6.8	33.22	7.9	24.7	0.91
F19	16 Nov 2023	71	14.41	89.21	6.8	33.22	7.9	24.7	0.91
F19	16 Nov 2023	72	14.41	89.10	6.8	33.22	7.9	24.7	0.92
F19	16 Nov 2023	73	14.41	89.01	6.8	33.22	7.9	24.7	0.93
F19	16 Nov 2023	74	14.41	89.02	6.8	33.22	7.9	24.7	0.92
F19	16 Nov 2023	75	14.39	89.00	6.8	33.22	7.9	24.7	0.92
F19	16 Nov 2023	76	14.38	88.92	6.8	33.22	7.9	24.7	0.91
F19	16 Nov 2023	77	14.36	88.81	6.8	33.23	7.9	24.7	0.89
F19	16 Nov 2023	78	14.36	88.75	6.8	33.23	7.9	24.7	0.89
F19	16 Nov 2023	79	14.30	88.73	6.7	33.22	7.9	24.8	0.88
F19	16 Nov 2023	80	14.14	88.49	6.7	33.23	7.9	24.8	0.85
F19	16 Nov 2023	81	13.98	87.71	6.7	33.24	7.9	24.8	0.84
F19	16 Nov 2023	82	13.94	86.38	6.7	33.24	7.9	24.8	0.81
F19	16 Nov 2023	83	13.94	85.33	6.7	33.24	7.9	24.8	0.77
F19	16 Nov 2023	84	14.01	83.78	6.7	33.24	7.9	24.8	0.80
F20	16 Nov 2023	1	17.75	90.51	7.9	33.28	8.1	24.0	0.69
F20	16 Nov 2023	2	17.69	90.51	7.9	33.27	8.1	24.0	0.72
F20	16 Nov 2023	3	17.52	90.42	7.9	33.27	8.1	24.1	0.75
F20	16 Nov 2023	4	17.44	90.33	7.9	33.27	8.1	24.1	0.77
F20	16 Nov 2023	5	17.42	90.21	7.9	33.27	8.1	24.1	0.84
F20	16 Nov 2023	6	17.38	90.18	7.9	33.26	8.1	24.1	0.91
F20	16 Nov 2023	7	17.35	90.11	8.0	33.26	8.1	24.1	0.99
F20	16 Nov 2023	8	17.31	90.14	7.9	33.26	8.1	24.1	1.03
F20	16 Nov 2023	9	17.29	89.98	7.9	33.26	8.1	24.1	1.09
F20	16 Nov 2023	10	17.27	89.96	7.9	33.26	8.1	24.1	1.10
F20	16 Nov 2023	11	17.26	89.99	7.9	33.26	8.1	24.1	1.17
F20	16 Nov 2023	12	17.24	90.05	8.0	33.26	8.1	24.1	1.10
F20	16 Nov 2023	13	17.22	90.13	7.9	33.26	8.1	24.1	1.17
F20	16 Nov 2023	14	17.19	90.20	7.9	33.26	8.1	24.1	1.14
F20	16 Nov 2023	15	17.15	90.28	7.9	33.25	8.1	24.1	1.05
F20	16 Nov 2023	16	17.02	90.31	7.9	33.24	8.1	24.2	1.02
F20	16 Nov 2023	17	16.76	90.29	7.9	33.24	8.1	24.2	1.05
F20	16 Nov 2023	18	16.66	90.24	7.9	33.23	8.1	24.2	1.03
F20	16 Nov 2023	19	16.60	90.16	8.0	33.23	8.1	24.2	0.99
F20	16 Nov 2023	20	16.55	89.95	8.0	33.22	8.1	24.3	1.05
F20	16 Nov 2023	21	16.52	89.88	8.0	33.22	8.1	24.3	1.02
F20	16 Nov 2023	22	16.47	89.69	8.0	33.22	8.1	24.3	1.07
F20	16 Nov 2023	23	16.45	89.58	8.0	33.22	8.1	24.3	1.16
F20	16 Nov 2023	24	16.43	89.51	7.9	33.22	8.1	24.3	1.33
F20	16 Nov 2023	25	16.42	88.89	7.9	33.22	8.1	24.3	1.36
F20	16 Nov 2023	26	16.40	88.51	7.9	33.22	8.0	24.3	1.29
F20	16 Nov 2023	27	16.37	88.48	7.8	33.22	8.0	24.3	1.17
F20	16 Nov 2023	28	16.27	88.50	7.8	33.21	8.0	24.3	0.99
F20	16 Nov 2023	29	16.03	88.46	7.8	33.20	8.0	24.4	0.92
F20	16 Nov 2023	30	15.80	89.00	7.8	33.19	8.0	24.4	0.93
F20	16 Nov 2023	31	15.64	89.48	7.7	33.19	8.0	24.4	0.93
F20	16 Nov 2023	32	15.45	89.52	7.6	33.18	8.0	24.5	0.93

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F20	16 Nov 2023	33	15.39	89.64	7.6	33.18	8.0	24.5	0.98
F20	16 Nov 2023	34	15.37	89.52	7.6	33.18	8.0	24.5	0.92
F20	16 Nov 2023	35	15.34	89.60	7.6	33.18	8.0	24.5	0.94
F20	16 Nov 2023	36	15.22	89.48	7.4	33.18	8.0	24.5	0.91
F20	16 Nov 2023	37	15.01	89.63	7.3	33.20	8.0	24.6	0.91
F20	16 Nov 2023	38	14.96	89.81	7.2	33.20	8.0	24.6	0.92
F20	16 Nov 2023	39	14.93	89.77	7.1	33.20	8.0	24.6	0.86
F20	16 Nov 2023	40	14.84	89.61	7.0	33.19	8.0	24.6	0.90
F20	16 Nov 2023	41	14.77	89.25	7.0	33.20	8.0	24.6	0.90
F20	16 Nov 2023	42	14.75	88.89	7.0	33.20	8.0	24.6	1.01
F20	16 Nov 2023	43	14.73	88.91	7.0	33.20	8.0	24.6	1.08
F20	16 Nov 2023	44	14.71	89.04	7.0	33.20	8.0	24.6	1.02
F20	16 Nov 2023	45	14.70	89.17	7.0	33.20	8.0	24.7	1.04
F20	16 Nov 2023	46	14.69	89.34	7.1	33.21	8.0	24.7	1.09
F20	16 Nov 2023	47	14.68	89.43	7.1	33.21	8.0	24.7	1.01
F20	16 Nov 2023	48	14.67	89.57	7.1	33.21	8.0	24.7	1.03
F20	16 Nov 2023	49	14.65	89.66	7.1	33.21	8.0	24.7	1.04
F20	16 Nov 2023	50	14.64	89.80	7.1	33.21	8.0	24.7	1.10
F20	16 Nov 2023	51	14.64	89.84	7.0	33.21	8.0	24.7	1.05
F20	16 Nov 2023	52	14.63	89.73	7.1	33.21	8.0	24.7	1.02
F20	16 Nov 2023	53	14.62	89.49	7.1	33.21	8.0	24.7	1.05
F20	16 Nov 2023	54	14.61	89.64	7.0	33.21	8.0	24.7	1.07
F20	16 Nov 2023	55	14.60	89.80	7.0	33.21	8.0	24.7	1.15
F20	16 Nov 2023	56	14.59	89.77	7.0	33.21	7.9	24.7	1.02
F20	16 Nov 2023	57	14.56	89.71	7.0	33.21	7.9	24.7	1.00
F20	16 Nov 2023	58	14.55	89.61	6.9	33.22	7.9	24.7	1.03
F20	16 Nov 2023	59	14.55	89.63	6.9	33.22	7.9	24.7	1.03
F20	16 Nov 2023	60	14.54	89.62	7.0	33.21	7.9	24.7	1.09
F20	16 Nov 2023	61	14.52	89.59	7.0	33.22	7.9	24.7	1.05
F20	16 Nov 2023	62	14.50	89.46	6.9	33.22	7.9	24.7	1.01
F20	16 Nov 2023	63	14.50	89.55	6.9	33.22	7.9	24.7	0.97
F20	16 Nov 2023	64	14.49	89.59	6.9	33.22	7.9	24.7	0.92
F20	16 Nov 2023	65	14.48	89.57	6.9	33.22	7.9	24.7	0.99
F20	16 Nov 2023	66	14.47	89.52	6.9	33.22	7.9	24.7	0.96
F20	16 Nov 2023	67	14.46	89.46	6.9	33.22	7.9	24.7	0.97
F20	16 Nov 2023	68	14.45	89.59	6.9	33.22	7.9	24.7	0.92
F20	16 Nov 2023	69	14.44	89.50	6.8	33.22	7.9	24.7	0.97
F20	16 Nov 2023	70	14.42	89.41	6.8	33.22	7.9	24.7	0.93
F20	16 Nov 2023	71	14.40	89.37	6.9	33.22	7.9	24.7	0.95
F20	16 Nov 2023	72	14.39	89.26	6.9	33.22	7.9	24.7	1.05
F20	16 Nov 2023	73	14.37	88.97	6.8	33.22	7.9	24.7	0.92
F20	16 Nov 2023	74	14.34	88.94	6.8	33.22	7.9	24.7	0.91
F20	16 Nov 2023	75	14.32	88.88	6.8	33.22	7.9	24.7	0.88
F20	16 Nov 2023	76	14.29	88.61	6.8	33.22	7.9	24.8	0.92
F20	16 Nov 2023	77	14.23	88.52	6.8	33.22	7.9	24.8	0.88
F20	16 Nov 2023	78	14.11	88.41	6.8	33.23	7.9	24.8	0.84
F20	16 Nov 2023	79	13.99	87.85	6.7	33.23	7.9	24.8	0.81
F20	16 Nov 2023	80	13.91	87.14	6.6	33.23	7.9	24.8	0.79
F20	16 Nov 2023	81	13.90	86.70	6.7	33.23	7.9	24.8	0.78
F20	16 Nov 2023	82	13.88	86.63	6.7	33.23	7.9	24.8	0.77
F20	16 Nov 2023	83	13.87	77.19	6.7	33.24	7.9	24.9	0.75
F21	16 Nov 2023	1	17.96	90.52	7.9	33.28	8.1	24.0	0.77
F21	16 Nov 2023	2	17.94	90.30	7.9	33.28	8.1	24.0	0.76
F21	16 Nov 2023	3	17.93	90.55	7.9	33.28	8.1	24.0	0.76
F21	16 Nov 2023	4	17.93	90.58	7.9	33.28	8.1	24.0	0.80
F21	16 Nov 2023	5	17.91	90.56	7.9	33.28	8.1	24.0	0.88
F21	16 Nov 2023	6	17.91	90.59	8.0	33.28	8.1	24.0	0.85
F21	16 Nov 2023	7	17.90	90.59	7.9	33.28	8.1	24.0	0.83
F21	16 Nov 2023	8	17.89	90.63	8.0	33.28	8.1	24.0	0.85
F21	16 Nov 2023	9	17.89	90.60	7.9	33.28	8.1	24.0	0.86

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F21	16 Nov 2023	10	17.87	90.68	7.9	33.28	8.1	24.0	0.90
F21	16 Nov 2023	11	17.81	90.65	7.9	33.28	8.1	24.0	0.96
F21	16 Nov 2023	12	17.68	90.65	7.9	33.27	8.1	24.0	0.96
F21	16 Nov 2023	13	17.48	90.48	7.9	33.27	8.1	24.1	1.01
F21	16 Nov 2023	14	17.42	90.45	7.9	33.26	8.1	24.1	1.00
F21	16 Nov 2023	15	17.35	90.33	7.8	33.26	8.1	24.1	1.04
F21	16 Nov 2023	16	17.17	90.34	7.8	33.25	8.1	24.1	1.05
F21	16 Nov 2023	17	16.88	90.00	7.8	33.23	8.1	24.2	1.00
F21	16 Nov 2023	18	16.77	89.81	7.9	33.24	8.1	24.2	0.96
F21	16 Nov 2023	19	16.69	90.11	7.9	33.23	8.1	24.2	0.89
F21	16 Nov 2023	20	16.56	90.39	7.9	33.22	8.1	24.2	0.87
F21	16 Nov 2023	21	16.40	90.59	7.9	33.20	8.1	24.3	0.82
F21	16 Nov 2023	22	16.14	90.74	7.9	33.20	8.1	24.3	0.86
F21	16 Nov 2023	23	16.05	90.76	7.9	33.20	8.0	24.4	0.90
F21	16 Nov 2023	24	16.03	90.58	7.9	33.20	8.0	24.4	0.98
F21	16 Nov 2023	25	16.02	90.32	7.9	33.20	8.0	24.4	0.89
F21	16 Nov 2023	26	16.00	90.25	7.9	33.20	8.0	24.4	0.88
F21	16 Nov 2023	27	15.97	90.20	7.9	33.20	8.0	24.4	0.91
F21	16 Nov 2023	28	15.95	90.23	7.9	33.20	8.0	24.4	0.88
F21	16 Nov 2023	29	15.94	90.17	7.9	33.20	8.0	24.4	0.91
F21	16 Nov 2023	30	15.94	90.13	7.9	33.20	8.0	24.4	0.91
F21	16 Nov 2023	31	15.94	90.09	7.8	33.20	8.0	24.4	0.99
F21	16 Nov 2023	32	15.91	90.12	7.7	33.20	8.0	24.4	0.98
F21	16 Nov 2023	33	15.69	90.00	7.6	33.19	8.0	24.4	0.88
F21	16 Nov 2023	34	15.44	89.58	7.6	33.19	8.0	24.5	0.89
F21	16 Nov 2023	35	15.46	89.40	7.5	33.19	8.0	24.5	0.92
F21	16 Nov 2023	36	15.09	89.22	7.4	33.19	8.0	24.6	0.92
F21	16 Nov 2023	37	15.00	89.30	7.4	33.19	8.0	24.6	0.98
F21	16 Nov 2023	38	14.98	89.33	7.4	33.19	8.0	24.6	1.04
F21	16 Nov 2023	39	14.95	89.20	7.3	33.19	8.0	24.6	0.98
F21	16 Nov 2023	40	14.89	89.10	7.3	33.20	8.0	24.6	0.97
F21	16 Nov 2023	41	14.86	88.73	7.2	33.20	8.0	24.6	1.03
F21	16 Nov 2023	42	14.83	88.54	7.2	33.20	8.0	24.6	1.03
F21	16 Nov 2023	43	14.80	88.43	7.2	33.20	8.0	24.6	0.98
F21	16 Nov 2023	44	14.78	88.63	7.2	33.20	8.0	24.6	0.97
F21	16 Nov 2023	45	14.75	89.21	7.3	33.20	8.0	24.6	0.99
F21	16 Nov 2023	46	14.72	89.97	7.3	33.20	8.0	24.6	1.01
F21	16 Nov 2023	47	14.69	90.16	7.2	33.20	8.0	24.7	1.00
F21	16 Nov 2023	48	14.68	90.13	7.2	33.20	8.0	24.7	1.03
F21	16 Nov 2023	49	14.66	90.12	7.2	33.21	8.0	24.7	1.00
F21	16 Nov 2023	50	14.65	89.98	7.2	33.21	8.0	24.7	1.02
F21	16 Nov 2023	51	14.61	89.98	7.1	33.20	8.0	24.7	0.98
F21	16 Nov 2023	52	14.56	89.97	7.1	33.21	8.0	24.7	0.97
F21	16 Nov 2023	53	14.56	89.86	7.1	33.21	8.0	24.7	1.00
F21	16 Nov 2023	54	14.57	89.98	7.1	33.21	8.0	24.7	1.00
F21	16 Nov 2023	55	14.55	90.00	7.1	33.21	8.0	24.7	1.01
F21	16 Nov 2023	56	14.51	89.93	7.0	33.21	8.0	24.7	0.97
F21	16 Nov 2023	57	14.45	90.10	7.0	33.22	7.9	24.7	0.95
F21	16 Nov 2023	58	14.42	90.15	6.9	33.22	7.9	24.7	0.95
F21	16 Nov 2023	59	14.39	90.07	6.8	33.22	7.9	24.7	0.95
F21	16 Nov 2023	60	14.37	89.85	6.8	33.22	7.9	24.7	0.98
F21	16 Nov 2023	61	14.37	89.78	6.8	33.22	7.9	24.7	0.94
F21	16 Nov 2023	62	14.29	89.81	6.8	33.22	7.9	24.7	0.91
F21	16 Nov 2023	63	14.23	89.72	6.8	33.22	7.9	24.8	0.89
F21	16 Nov 2023	64	14.20	89.89	6.8	33.22	7.9	24.8	0.88
F21	16 Nov 2023	65	14.20	89.88	6.8	33.22	7.9	24.8	0.85
F21	16 Nov 2023	66	14.21	89.87	6.8	33.22	7.9	24.8	0.88
F21	16 Nov 2023	67	14.22	89.95	6.8	33.22	7.9	24.8	0.85
F21	16 Nov 2023	68	14.18	89.78	6.8	33.22	7.9	24.8	0.92
F21	16 Nov 2023	69	14.15	89.68	6.8	33.23	7.9	24.8	0.87
F21	16 Nov 2023	70	14.14	89.82	6.7	33.23	7.9	24.8	0.85

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F21	16 Nov 2023	71	14.13	89.44	6.8	33.23	7.9	24.8	0.87
F21	16 Nov 2023	72	14.13	89.22	6.8	33.22	7.9	24.8	0.86
F21	16 Nov 2023	73	14.12	88.84	6.8	33.23	7.9	24.8	0.84
F21	16 Nov 2023	74	14.11	88.44	6.8	33.23	7.9	24.8	0.83
F21	16 Nov 2023	75	14.10	88.24	6.8	33.23	7.9	24.8	0.83
F21	16 Nov 2023	76	14.03	88.24	6.8	33.23	7.9	24.8	0.82
F21	16 Nov 2023	77	13.92	88.25	6.7	33.23	7.9	24.8	0.79
F21	16 Nov 2023	78	13.86	88.18	6.7	33.23	7.9	24.9	0.74
F21	16 Nov 2023	79	13.83	88.06	6.7	33.23	7.9	24.9	0.72
F21	16 Nov 2023	80	13.82	87.83	6.7	33.23	7.9	24.9	0.72
F21	16 Nov 2023	81	13.81	87.59	6.7	33.23	7.9	24.9	0.71
F21	16 Nov 2023	82	13.81	87.53	6.7	33.23	7.9	24.9	0.71
F21	16 Nov 2023	83	13.81	87.31	6.7	33.23	7.9	24.9	0.72
F21	16 Nov 2023	84	13.80	87.42	6.7	33.23	7.9	24.9	0.73
F21	16 Nov 2023	85	13.80	85.39	6.7	33.24	7.9	24.9	0.74
F22	16 Nov 2023	1	18.00	91.13	7.9	33.28	8.1	24.0	0.60
F22	16 Nov 2023	2	18.00	91.16	7.9	33.28	8.1	24.0	0.62
F22	16 Nov 2023	3	17.99	91.16	7.9	33.28	8.1	24.0	0.66
F22	16 Nov 2023	4	17.99	91.12	7.9	33.28	8.1	24.0	0.65
F22	16 Nov 2023	5	17.99	91.12	7.9	33.28	8.1	24.0	0.72
F22	16 Nov 2023	6	17.98	91.09	7.9	33.28	8.1	24.0	0.75
F22	16 Nov 2023	7	17.98	91.08	8.0	33.28	8.1	24.0	0.78
F22	16 Nov 2023	8	17.98	91.07	7.9	33.28	8.1	24.0	0.83
F22	16 Nov 2023	9	17.97	91.02	7.9	33.28	8.1	24.0	0.85
F22	16 Nov 2023	10	17.96	90.96	7.9	33.28	8.1	24.0	0.95
F22	16 Nov 2023	11	17.92	90.89	7.9	33.28	8.1	24.0	1.00
F22	16 Nov 2023	12	17.81	90.79	7.8	33.27	8.1	24.0	1.12
F22	16 Nov 2023	13	17.57	90.49	7.9	33.26	8.1	24.0	1.25
F22	16 Nov 2023	14	17.39	90.21	7.9	33.26	8.1	24.1	1.34
F22	16 Nov 2023	15	17.17	90.00	7.9	33.25	8.1	24.1	1.44
F22	16 Nov 2023	16	16.97	89.61	7.9	33.25	8.1	24.2	1.37
F22	16 Nov 2023	17	16.94	89.35	7.8	33.25	8.1	24.2	1.41
F22	16 Nov 2023	18	16.88	89.02	7.8	33.24	8.1	24.2	1.39
F22	16 Nov 2023	19	16.72	88.89	7.8	33.23	8.1	24.2	1.43
F22	16 Nov 2023	20	16.57	88.84	7.8	33.23	8.1	24.3	1.33
F22	16 Nov 2023	21	16.48	89.13	7.8	33.23	8.1	24.3	1.17
F22	16 Nov 2023	22	16.43	89.50	7.8	33.22	8.0	24.3	1.05
F22	16 Nov 2023	23	16.39	89.59	7.8	33.22	8.0	24.3	0.98
F22	16 Nov 2023	24	16.30	89.74	7.8	33.21	8.0	24.3	0.97
F22	16 Nov 2023	25	16.12	89.99	7.9	33.20	8.0	24.3	0.89
F22	16 Nov 2023	26	16.07	90.10	7.9	33.20	8.0	24.4	0.90
F22	16 Nov 2023	27	16.05	90.04	7.9	33.20	8.0	24.4	0.87
F22	16 Nov 2023	28	15.90	90.14	7.9	33.20	8.0	24.4	0.90
F22	16 Nov 2023	29	15.79	90.44	7.8	33.20	8.0	24.4	0.87
F22	16 Nov 2023	30	15.68	90.41	7.8	33.20	8.0	24.4	0.90
F22	16 Nov 2023	31	15.63	90.23	7.8	33.20	8.0	24.4	0.91
F22	16 Nov 2023	32	15.58	90.24	7.7	33.20	8.0	24.5	0.91
F22	16 Nov 2023	33	15.54	90.12	7.7	33.20	8.0	24.5	0.92
F22	16 Nov 2023	34	15.51	89.93	7.8	33.20	8.0	24.5	0.93
F22	16 Nov 2023	35	15.46	89.98	7.7	33.20	8.0	24.5	0.93
F22	16 Nov 2023	36	15.40	90.08	7.7	33.19	8.0	24.5	0.92
F22	16 Nov 2023	37	15.31	90.05	7.6	33.19	8.0	24.5	0.92
F22	16 Nov 2023	38	15.27	90.02	7.7	33.20	8.0	24.5	0.93
F22	16 Nov 2023	39	15.25	90.04	7.6	33.19	8.0	24.5	0.95
F22	16 Nov 2023	40	15.23	90.00	7.6	33.19	8.0	24.5	0.99
F22	16 Nov 2023	41	15.16	89.92	7.5	33.19	8.0	24.5	0.96
F22	16 Nov 2023	42	15.09	89.84	7.5	33.19	8.0	24.6	0.98
F22	16 Nov 2023	43	15.01	89.73	7.5	33.19	8.0	24.6	0.98
F22	16 Nov 2023	44	14.93	89.60	7.4	33.19	8.0	24.6	0.97
F22	16 Nov 2023	45	14.85	89.54	7.4	33.19	8.0	24.6	1.01

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F22	16 Nov 2023	46	14.77	89.29	7.4	33.19	8.0	24.6	1.03
F22	16 Nov 2023	47	14.71	89.44	7.4	33.20	8.0	24.6	1.06
F22	16 Nov 2023	48	14.70	89.67	7.4	33.20	8.0	24.6	1.06
F22	16 Nov 2023	49	14.69	89.70	7.3	33.20	8.0	24.6	1.08
F22	16 Nov 2023	50	14.69	89.65	7.3	33.20	8.0	24.6	1.05
F22	16 Nov 2023	51	14.67	89.58	7.3	33.20	8.0	24.7	1.08
F22	16 Nov 2023	52	14.61	89.42	7.3	33.20	8.0	24.7	1.05
F22	16 Nov 2023	53	14.58	89.27	7.2	33.20	8.0	24.7	1.04
F22	16 Nov 2023	54	14.54	89.33	7.1	33.20	8.0	24.7	1.03
F22	16 Nov 2023	55	14.51	89.57	7.0	33.21	8.0	24.7	1.06
F22	16 Nov 2023	56	14.48	89.93	7.1	33.21	8.0	24.7	1.13
F22	16 Nov 2023	57	14.45	90.01	7.0	33.21	7.9	24.7	1.03
F22	16 Nov 2023	58	14.41	90.21	6.9	33.21	7.9	24.7	0.97
F22	16 Nov 2023	59	14.35	90.61	6.9	33.22	7.9	24.7	0.98
F22	16 Nov 2023	60	14.33	90.63	6.8	33.22	7.9	24.7	0.96
F22	16 Nov 2023	61	14.29	90.34	6.8	33.22	7.9	24.7	0.93
F22	16 Nov 2023	62	14.23	90.27	6.9	33.22	7.9	24.8	0.90
F22	16 Nov 2023	63	14.20	90.33	6.9	33.21	7.9	24.8	0.98
F22	16 Nov 2023	64	14.16	90.35	6.9	33.21	7.9	24.8	0.94
F22	16 Nov 2023	65	14.16	90.40	6.9	33.21	7.9	24.8	0.88
F22	16 Nov 2023	66	14.14	90.34	6.9	33.21	7.9	24.8	0.87
F22	16 Nov 2023	67	14.12	90.35	6.9	33.21	7.9	24.8	0.85
F22	16 Nov 2023	68	14.10	90.39	6.8	33.20	7.9	24.8	0.84
F22	16 Nov 2023	69	14.07	90.33	6.8	33.20	7.9	24.8	0.81
F22	16 Nov 2023	70	14.06	90.26	6.8	33.20	7.9	24.8	0.84
F22	16 Nov 2023	71	14.05	90.27	6.8	33.21	7.9	24.8	0.81
F22	16 Nov 2023	72	14.05	90.27	6.8	33.21	7.9	24.8	0.80
F22	16 Nov 2023	73	14.06	90.08	6.8	33.22	7.9	24.8	0.83
F22	16 Nov 2023	74	14.07	90.06	6.8	33.22	7.9	24.8	0.83
F22	16 Nov 2023	75	14.08	89.94	6.8	33.22	7.9	24.8	0.84
F22	16 Nov 2023	76	14.07	89.68	6.8	33.23	7.9	24.8	0.81
F22	16 Nov 2023	77	14.03	89.18	6.8	33.22	7.9	24.8	0.81
F22	16 Nov 2023	78	13.97	89.27	6.8	33.23	7.9	24.8	0.80
F22	16 Nov 2023	79	13.95	89.38	6.7	33.23	7.9	24.8	0.78
F22	16 Nov 2023	80	13.87	88.80	6.7	33.23	7.9	24.8	0.79
F22	16 Nov 2023	81	13.84	87.29	6.8	33.23	7.9	24.9	0.78
F22	16 Nov 2023	82	13.84	86.47	6.8	33.23	7.9	24.9	0.78
F22	16 Nov 2023	83	13.88	86.11	6.8	33.23	7.9	24.8	0.78
F23	16 Nov 2023	1	18.00	91.60	7.9	33.28	8.1	24.0	0.54
F23	16 Nov 2023	2	18.00	91.56	7.9	33.28	8.1	24.0	0.58
F23	16 Nov 2023	3	17.97	91.37	7.9	33.28	8.1	24.0	0.59
F23	16 Nov 2023	4	17.96	91.22	8.0	33.28	8.1	24.0	0.64
F23	16 Nov 2023	5	17.95	91.47	8.0	33.28	8.1	24.0	0.63
F23	16 Nov 2023	6	17.93	91.44	8.0	33.28	8.1	24.0	0.61
F23	16 Nov 2023	7	17.92	91.48	8.0	33.28	8.1	24.0	0.63
F23	16 Nov 2023	8	17.91	91.52	8.0	33.28	8.1	24.0	0.66
F23	16 Nov 2023	9	17.88	91.54	8.0	33.28	8.1	24.0	0.67
F23	16 Nov 2023	10	17.87	91.61	8.0	33.28	8.1	24.0	0.72
F23	16 Nov 2023	11	17.87	91.58	8.0	33.28	8.1	24.0	0.78
F23	16 Nov 2023	12	17.87	91.51	8.0	33.28	8.1	24.0	0.79
F23	16 Nov 2023	13	17.87	91.43	8.0	33.28	8.1	24.0	0.84
F23	16 Nov 2023	14	17.86	91.33	8.0	33.28	8.1	24.0	0.90
F23	16 Nov 2023	15	17.80	91.27	7.9	33.27	8.1	24.0	0.92
F23	16 Nov 2023	16	17.65	91.13	7.9	33.26	8.1	24.0	1.00
F23	16 Nov 2023	17	17.34	90.96	7.9	33.23	8.1	24.1	0.99
F23	16 Nov 2023	18	17.01	90.78	7.9	33.23	8.1	24.2	0.94
F23	16 Nov 2023	19	16.78	90.75	7.9	33.21	8.1	24.2	0.94
F23	16 Nov 2023	20	16.56	90.62	7.9	33.20	8.1	24.2	0.88
F23	16 Nov 2023	21	16.30	90.64	7.9	33.19	8.1	24.3	0.94
F23	16 Nov 2023	22	16.20	90.78	8.0	33.18	8.1	24.3	0.93

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F23	16 Nov 2023	23	16.11	90.86	8.0	33.18	8.1	24.3	1.00
F23	16 Nov 2023	24	16.10	90.88	8.1	33.18	8.1	24.3	1.04
F23	16 Nov 2023	25	16.09	90.89	8.1	33.18	8.1	24.3	1.00
F23	16 Nov 2023	26	16.08	90.87	8.1	33.18	8.1	24.3	1.19
F23	16 Nov 2023	27	16.04	90.89	8.1	33.17	8.1	24.3	1.24
F23	16 Nov 2023	28	16.01	90.85	8.1	33.17	8.1	24.3	1.23
F23	16 Nov 2023	29	15.99	90.94	8.1	33.17	8.1	24.3	1.24
F23	16 Nov 2023	30	15.74	91.01	8.2	33.15	8.1	24.4	1.10
F23	16 Nov 2023	31	15.56	91.28	8.2	33.16	8.0	24.4	1.01
F23	16 Nov 2023	32	15.50	91.40	8.2	33.16	8.0	24.4	1.07
F23	16 Nov 2023	33	15.38	91.36	8.1	33.15	8.0	24.5	1.10
F23	16 Nov 2023	34	15.25	91.48	8.1	33.16	8.0	24.5	1.12
F23	16 Nov 2023	35	15.20	91.41	8.1	33.16	8.0	24.5	1.16
F23	16 Nov 2023	36	15.19	91.32	8.1	33.16	8.0	24.5	1.15
F23	16 Nov 2023	37	15.18	91.21	8.1	33.16	8.0	24.5	1.20
F23	16 Nov 2023	38	15.18	91.13	8.1	33.16	8.0	24.5	1.21
F23	16 Nov 2023	39	15.18	91.11	8.0	33.16	8.0	24.5	1.19
F23	16 Nov 2023	40	15.12	91.06	8.0	33.16	8.0	24.5	1.18
F23	16 Nov 2023	41	15.00	91.10	7.9	33.16	8.0	24.6	1.23
F23	16 Nov 2023	42	14.89	91.06	7.8	33.16	8.0	24.6	1.26
F23	16 Nov 2023	43	14.76	91.07	7.8	33.17	8.0	24.6	1.27
F23	16 Nov 2023	44	14.73	91.20	7.8	33.17	8.0	24.6	1.24
F23	16 Nov 2023	45	14.66	91.27	7.7	33.16	8.0	24.6	1.15
F23	16 Nov 2023	46	14.58	91.45	7.6	33.17	8.0	24.7	1.12
F23	16 Nov 2023	47	14.50	91.58	7.6	33.17	8.0	24.7	1.10
F23	16 Nov 2023	48	14.47	91.65	7.6	33.18	8.0	24.7	1.13
F23	16 Nov 2023	49	14.44	91.76	7.6	33.18	8.0	24.7	1.11
F23	16 Nov 2023	50	14.44	91.79	7.6	33.18	8.0	24.7	1.11
F23	16 Nov 2023	51	14.44	91.69	7.6	33.18	8.0	24.7	1.11
F23	16 Nov 2023	52	14.44	91.61	7.6	33.18	8.0	24.7	1.11
F23	16 Nov 2023	53	14.43	91.54	7.5	33.18	8.0	24.7	1.10
F23	16 Nov 2023	54	14.42	91.58	7.5	33.18	8.0	24.7	1.11
F23	16 Nov 2023	55	14.40	91.53	7.5	33.18	8.0	24.7	1.15
F23	16 Nov 2023	56	14.35	91.51	7.5	33.18	8.0	24.7	1.12
F23	16 Nov 2023	57	14.30	91.56	7.4	33.19	8.0	24.7	1.09
F23	16 Nov 2023	58	14.27	91.57	7.4	33.19	8.0	24.7	1.09
F23	16 Nov 2023	59	14.26	91.54	7.4	33.19	8.0	24.7	1.08
F23	16 Nov 2023	60	14.26	91.58	7.3	33.19	8.0	24.7	1.04
F23	16 Nov 2023	61	14.26	91.46	7.3	33.20	8.0	24.7	1.05
F23	16 Nov 2023	62	14.26	91.51	7.3	33.20	8.0	24.7	1.03
F23	16 Nov 2023	63	14.25	91.52	7.2	33.20	8.0	24.7	1.03
F23	16 Nov 2023	64	14.24	91.47	7.1	33.21	8.0	24.8	0.98
F23	16 Nov 2023	65	14.21	91.42	7.0	33.21	7.9	24.8	0.93
F23	16 Nov 2023	66	14.19	91.39	6.9	33.22	7.9	24.8	0.88
F23	16 Nov 2023	67	14.15	91.39	6.9	33.22	7.9	24.8	0.85
F23	16 Nov 2023	68	14.10	91.28	6.9	33.22	7.9	24.8	0.83
F23	16 Nov 2023	69	14.08	91.26	6.9	33.22	7.9	24.8	0.83
F23	16 Nov 2023	70	14.08	91.35	6.9	33.22	7.9	24.8	0.84
F23	16 Nov 2023	71	14.06	91.38	6.9	33.22	7.9	24.8	0.85
F23	16 Nov 2023	72	14.05	91.35	6.9	33.22	7.9	24.8	0.89
F23	16 Nov 2023	73	14.04	91.21	6.9	33.22	7.9	24.8	0.83
F23	16 Nov 2023	74	14.03	90.86	6.9	33.22	7.9	24.8	0.83
F23	16 Nov 2023	75	13.93	90.42	6.9	33.22	7.9	24.8	0.81
F23	16 Nov 2023	76	13.85	90.32	6.9	33.23	7.9	24.8	0.78
F23	16 Nov 2023	77	13.81	89.73	6.8	33.23	7.9	24.9	0.78
F23	16 Nov 2023	78	13.78	88.69	6.8	33.23	7.9	24.9	0.79
F23	16 Nov 2023	79	13.75	88.19	6.8	33.23	7.9	24.9	0.76
F23	16 Nov 2023	80	13.72	87.79	6.8	33.23	7.9	24.9	0.74
F23	16 Nov 2023	81	13.70	87.54	6.7	33.23	7.9	24.9	0.73
F23	16 Nov 2023	82	13.67	87.27	6.8	33.24	7.9	24.9	0.71
F23	16 Nov 2023	83	13.70	87.20	6.8	33.24	7.9	24.9	0.73

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F24	16 Nov 2023	1	17.93	91.75	7.9	33.29	8.1	24.0	0.49
F24	16 Nov 2023	2	17.91	91.68	7.9	33.29	8.1	24.0	0.50
F24	16 Nov 2023	3	17.91	91.74	7.9	33.29	8.1	24.0	0.51
F24	16 Nov 2023	4	17.91	91.65	7.9	33.29	8.1	24.0	0.56
F24	16 Nov 2023	5	17.91	91.61	7.9	33.29	8.1	24.0	0.61
F24	16 Nov 2023	6	17.90	91.60	8.0	33.29	8.1	24.0	0.61
F24	16 Nov 2023	7	17.90	91.51	7.9	33.29	8.1	24.0	0.63
F24	16 Nov 2023	8	17.90	91.56	7.9	33.29	8.1	24.0	0.63
F24	16 Nov 2023	9	17.90	91.56	8.0	33.29	8.1	24.0	0.66
F24	16 Nov 2023	10	17.89	91.53	7.9	33.29	8.1	24.0	0.63
F24	16 Nov 2023	11	17.87	91.58	7.9	33.29	8.1	24.0	0.62
F24	16 Nov 2023	12	17.85	91.59	8.0	33.29	8.1	24.0	0.61
F24	16 Nov 2023	13	17.84	91.66	8.0	33.29	8.1	24.0	0.59
F24	16 Nov 2023	14	17.83	91.74	7.9	33.28	8.1	24.0	0.59
F24	16 Nov 2023	15	17.82	91.80	8.0	33.28	8.1	24.0	0.61
F24	16 Nov 2023	16	17.81	91.80	8.0	33.28	8.1	24.0	0.59
F24	16 Nov 2023	17	17.75	91.66	8.0	33.28	8.1	24.0	0.63
F24	16 Nov 2023	18	17.54	91.78	8.0	33.25	8.1	24.0	0.71
F24	16 Nov 2023	19	17.18	91.65	8.1	33.22	8.1	24.1	0.81
F24	16 Nov 2023	20	17.06	91.55	8.1	33.19	8.1	24.1	0.79
F24	16 Nov 2023	21	16.84	91.48	8.1	33.17	8.1	24.1	0.79
F24	16 Nov 2023	22	16.71	91.58	8.2	33.17	8.1	24.2	0.75
F24	16 Nov 2023	23	16.63	91.67	8.2	33.17	8.1	24.2	0.78
F24	16 Nov 2023	24	16.51	91.72	8.2	33.16	8.1	24.2	0.74
F24	16 Nov 2023	25	16.30	91.66	8.3	33.16	8.1	24.3	0.80
F24	16 Nov 2023	26	16.28	91.66	8.2	33.16	8.1	24.3	0.81
F24	16 Nov 2023	27	16.22	91.75	8.2	33.16	8.1	24.3	0.79
F24	16 Nov 2023	28	15.94	91.73	8.2	33.16	8.1	24.3	0.87
F24	16 Nov 2023	29	15.79	91.58	8.1	33.16	8.1	24.4	0.95
F24	16 Nov 2023	30	15.60	91.42	8.1	33.16	8.0	24.4	1.00
F24	16 Nov 2023	31	15.46	91.06	8.1	33.16	8.0	24.5	1.10
F24	16 Nov 2023	32	15.40	90.85	8.0	33.16	8.0	24.5	1.14
F24	16 Nov 2023	33	15.34	90.87	8.0	33.16	8.0	24.5	1.17
F24	16 Nov 2023	34	15.28	90.77	8.0	33.16	8.0	24.5	1.17
F24	16 Nov 2023	35	15.25	90.83	8.0	33.16	8.0	24.5	1.17
F24	16 Nov 2023	36	15.21	90.79	8.0	33.16	8.0	24.5	1.17
F24	16 Nov 2023	37	15.17	90.89	7.9	33.17	8.0	24.5	1.18
F24	16 Nov 2023	38	15.06	91.06	7.7	33.16	8.0	24.5	1.14
F24	16 Nov 2023	39	14.81	91.19	7.6	33.18	8.0	24.6	1.14
F24	16 Nov 2023	40	14.77	91.49	7.6	33.19	8.0	24.6	1.11
F24	16 Nov 2023	41	14.70	91.59	7.5	33.19	8.0	24.6	1.12
F24	16 Nov 2023	42	14.66	91.60	7.5	33.19	8.0	24.7	1.14
F24	16 Nov 2023	43	14.59	91.52	7.4	33.20	8.0	24.7	1.09
F24	16 Nov 2023	44	14.54	91.73	7.3	33.20	8.0	24.7	1.13
F24	16 Nov 2023	45	14.48	91.74	7.3	33.20	8.0	24.7	1.00
F24	16 Nov 2023	46	14.46	91.79	7.3	33.20	8.0	24.7	1.01
F24	16 Nov 2023	47	14.45	91.76	7.3	33.20	8.0	24.7	0.97
F24	16 Nov 2023	48	14.36	91.75	7.3	33.19	8.0	24.7	1.00
F24	16 Nov 2023	49	14.26	91.73	7.3	33.19	8.0	24.7	0.99
F24	16 Nov 2023	50	14.23	91.73	7.2	33.20	8.0	24.7	1.00
F24	16 Nov 2023	51	14.20	91.80	7.2	33.20	8.0	24.8	0.98
F24	16 Nov 2023	52	14.16	91.84	7.2	33.21	8.0	24.8	0.98
F24	16 Nov 2023	53	14.15	91.93	7.2	33.21	8.0	24.8	0.98
F24	16 Nov 2023	54	14.14	91.93	7.2	33.21	8.0	24.8	0.98
F24	16 Nov 2023	55	14.13	91.98	7.1	33.21	8.0	24.8	0.95
F24	16 Nov 2023	56	14.08	91.89	7.1	33.21	8.0	24.8	0.92
F24	16 Nov 2023	57	14.04	91.94	7.1	33.21	8.0	24.8	0.93
F24	16 Nov 2023	58	14.03	91.92	7.1	33.22	7.9	24.8	0.90
F24	16 Nov 2023	59	14.02	91.87	7.1	33.21	7.9	24.8	0.90
F24	16 Nov 2023	60	13.99	92.00	7.1	33.21	7.9	24.8	0.88

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F24	16 Nov 2023	61	13.97	91.94	7.0	33.22	7.9	24.8	0.87
F24	16 Nov 2023	62	13.95	91.86	7.0	33.22	7.9	24.8	0.87
F24	16 Nov 2023	63	13.93	91.92	7.1	33.22	7.9	24.8	0.85
F24	16 Nov 2023	64	13.91	91.98	7.1	33.22	7.9	24.8	0.86
F24	16 Nov 2023	65	13.90	92.12	7.0	33.22	7.9	24.8	0.83
F24	16 Nov 2023	66	13.86	92.09	7.0	33.22	7.9	24.8	0.84
F24	16 Nov 2023	67	13.84	92.02	7.0	33.22	7.9	24.8	0.81
F24	16 Nov 2023	68	13.81	92.07	7.0	33.22	7.9	24.8	0.79
F24	16 Nov 2023	69	13.72	92.08	7.0	33.22	7.9	24.9	0.77
F24	16 Nov 2023	70	13.69	92.15	7.0	33.22	7.9	24.9	0.75
F24	16 Nov 2023	71	13.66	91.93	6.9	33.22	7.9	24.9	0.73
F24	16 Nov 2023	72	13.63	91.67	6.9	33.23	7.9	24.9	0.71
F24	16 Nov 2023	73	13.62	91.11	6.9	33.23	7.9	24.9	0.71
F24	16 Nov 2023	74	13.62	90.66	6.9	33.23	7.9	24.9	0.69
F24	16 Nov 2023	75	13.61	90.24	6.9	33.23	7.9	24.9	0.68
F24	16 Nov 2023	76	13.60	90.20	6.8	33.23	7.9	24.9	0.66
F24	16 Nov 2023	77	13.58	89.70	6.8	33.24	7.9	24.9	0.68
F24	16 Nov 2023	78	13.58	89.28	6.8	33.24	7.9	24.9	0.67
F24	16 Nov 2023	79	13.53	89.08	6.7	33.24	7.9	24.9	0.65
F24	16 Nov 2023	80	13.52	88.42	6.7	33.24	7.9	24.9	0.67
F24	16 Nov 2023	81	13.51	88.24	6.7	33.24	7.9	24.9	0.65
F24	16 Nov 2023	82	13.50	88.27	6.7	33.24	7.9	24.9	0.64
F24	16 Nov 2023	83	13.51	85.10	6.7	33.24	7.9	24.9	0.64
F25	16 Nov 2023	1	18.03	91.19	7.9	33.30	8.1	24.0	0.54
F25	16 Nov 2023	2	18.02	91.43	7.9	33.30	8.1	24.0	0.54
F25	16 Nov 2023	3	17.99	91.64	7.9	33.30	8.1	24.0	0.55
F25	16 Nov 2023	4	17.98	91.49	7.9	33.30	8.1	24.0	0.61
F25	16 Nov 2023	5	17.98	91.58	7.9	33.30	8.1	24.0	0.62
F25	16 Nov 2023	6	17.97	91.60	7.9	33.30	8.1	24.0	0.61
F25	16 Nov 2023	7	17.96	91.57	7.9	33.30	8.1	24.0	0.67
F25	16 Nov 2023	8	17.96	91.54	7.9	33.30	8.1	24.0	0.64
F25	16 Nov 2023	9	17.95	91.59	7.9	33.30	8.1	24.0	0.64
F25	16 Nov 2023	10	17.95	91.63	7.9	33.30	8.1	24.0	0.64
F25	16 Nov 2023	11	17.94	91.61	7.9	33.30	8.1	24.0	0.64
F25	16 Nov 2023	12	17.93	91.65	7.9	33.30	8.1	24.0	0.64
F25	16 Nov 2023	13	17.90	91.52	7.9	33.29	8.1	24.0	0.63
F25	16 Nov 2023	14	17.88	91.51	8.0	33.29	8.1	24.0	0.60
F25	16 Nov 2023	15	17.86	91.70	8.0	33.29	8.1	24.0	0.57
F25	16 Nov 2023	16	17.83	91.80	8.0	33.29	8.1	24.0	0.56
F25	16 Nov 2023	17	17.80	91.84	8.0	33.28	8.1	24.0	0.54
F25	16 Nov 2023	18	17.64	91.82	8.0	33.26	8.1	24.0	0.56
F25	16 Nov 2023	19	17.47	91.86	8.1	33.24	8.1	24.1	0.60
F25	16 Nov 2023	20	17.36	91.91	8.1	33.23	8.1	24.1	0.60
F25	16 Nov 2023	21	17.05	91.98	8.2	33.20	8.1	24.1	0.66
F25	16 Nov 2023	22	16.97	92.00	8.2	33.20	8.1	24.1	0.65
F25	16 Nov 2023	23	16.87	92.04	8.2	33.19	8.1	24.2	0.65
F25	16 Nov 2023	24	16.66	92.03	8.2	33.17	8.1	24.2	0.64
F25	16 Nov 2023	25	16.53	91.98	8.3	33.17	8.1	24.2	0.65
F25	16 Nov 2023	26	16.34	92.07	8.2	33.16	8.1	24.3	0.62
F25	16 Nov 2023	27	16.14	91.99	8.2	33.16	8.1	24.3	0.64
F25	16 Nov 2023	28	15.96	92.04	8.2	33.16	8.1	24.3	0.67
F25	16 Nov 2023	29	15.84	92.10	8.2	33.16	8.0	24.4	0.71
F25	16 Nov 2023	30	15.81	92.12	8.3	33.16	8.0	24.4	0.69
F25	16 Nov 2023	31	15.79	91.95	8.3	33.15	8.0	24.4	0.71
F25	16 Nov 2023	32	15.76	92.00	8.2	33.15	8.0	24.4	0.77
F25	16 Nov 2023	33	15.68	91.85	8.1	33.16	8.0	24.4	0.82
F25	16 Nov 2023	34	15.57	91.67	8.1	33.16	8.0	24.4	0.89
F25	16 Nov 2023	35	15.37	91.55	8.1	33.16	8.0	24.5	0.95
F25	16 Nov 2023	36	15.32	91.48	8.0	33.16	8.0	24.5	0.98
F25	16 Nov 2023	37	15.30	91.51	8.0	33.16	8.0	24.5	0.98

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F25	16 Nov 2023	38	15.22	91.59	8.0	33.17	8.0	24.5	1.01
F25	16 Nov 2023	39	15.16	91.61	8.0	33.17	8.0	24.5	1.03
F25	16 Nov 2023	40	15.14	91.56	7.9	33.17	8.0	24.5	1.02
F25	16 Nov 2023	41	15.10	91.60	7.8	33.17	8.0	24.5	1.01
F25	16 Nov 2023	42	15.03	91.58	7.8	33.18	8.0	24.6	1.02
F25	16 Nov 2023	43	14.99	91.52	7.7	33.18	8.0	24.6	1.01
F25	16 Nov 2023	44	14.91	91.66	7.6	33.18	8.0	24.6	1.02
F25	16 Nov 2023	45	14.82	91.63	7.5	33.18	8.0	24.6	1.01
F25	16 Nov 2023	46	14.67	91.77	7.4	33.19	8.0	24.7	1.01
F25	16 Nov 2023	47	14.63	91.80	7.4	33.20	8.0	24.7	1.02
F25	16 Nov 2023	48	14.60	91.82	7.4	33.20	8.0	24.7	0.98
F25	16 Nov 2023	49	14.57	91.90	7.4	33.20	8.0	24.7	0.98
F25	16 Nov 2023	50	14.52	91.94	7.3	33.20	8.0	24.7	0.97
F25	16 Nov 2023	51	14.42	91.98	7.2	33.20	8.0	24.7	0.96
F25	16 Nov 2023	52	14.29	92.01	7.2	33.20	8.0	24.7	0.94
F25	16 Nov 2023	53	14.24	92.02	7.2	33.20	8.0	24.7	0.93
F25	16 Nov 2023	54	14.18	92.04	7.1	33.21	7.9	24.8	0.89
F25	16 Nov 2023	55	14.13	92.01	7.0	33.22	7.9	24.8	0.88
F25	16 Nov 2023	56	14.11	92.08	7.0	33.22	7.9	24.8	0.88
F25	16 Nov 2023	57	14.07	92.09	7.0	33.22	7.9	24.8	0.92
F25	16 Nov 2023	58	14.04	92.12	6.9	33.23	7.9	24.8	0.86
F25	16 Nov 2023	59	13.99	92.07	6.9	33.22	7.9	24.8	0.83
F25	16 Nov 2023	60	13.94	92.07	6.9	33.21	7.9	24.8	0.83
F25	16 Nov 2023	61	13.84	92.13	7.0	33.20	7.9	24.8	0.81
F25	16 Nov 2023	62	13.80	92.25	7.1	33.20	7.9	24.8	0.80
F25	16 Nov 2023	63	13.81	92.27	7.0	33.21	7.9	24.8	0.77
F25	16 Nov 2023	64	13.85	92.25	6.8	33.24	7.9	24.9	0.75
F25	16 Nov 2023	65	13.85	92.16	6.7	33.25	7.9	24.9	0.72
F25	16 Nov 2023	66	13.83	92.05	6.6	33.25	7.9	24.9	0.70
F25	16 Nov 2023	67	13.83	92.12	6.6	33.26	7.9	24.9	0.67
F25	16 Nov 2023	68	13.82	92.11	6.6	33.26	7.9	24.9	0.66
F25	16 Nov 2023	69	13.78	92.06	6.6	33.26	7.9	24.9	0.65
F25	16 Nov 2023	70	13.69	92.07	6.7	33.24	7.9	24.9	0.66
F25	16 Nov 2023	71	13.56	91.70	6.7	33.24	7.9	24.9	0.66
F25	16 Nov 2023	72	13.48	90.69	6.7	33.24	7.9	24.9	0.65
F25	16 Nov 2023	73	13.41	89.82	6.7	33.25	7.9	25.0	0.62
F25	16 Nov 2023	74	13.34	89.75	6.6	33.26	7.9	25.0	0.59
F25	16 Nov 2023	75	13.24	89.89	6.6	33.27	7.9	25.0	0.56
F25	16 Nov 2023	76	13.21	89.62	6.5	33.27	7.9	25.0	0.57
F25	16 Nov 2023	77	13.19	89.28	6.5	33.27	7.9	25.0	0.55
F25	16 Nov 2023	78	13.19	88.95	6.5	33.27	7.9	25.0	0.55
F25	16 Nov 2023	79	13.19	88.65	6.5	33.27	7.9	25.0	0.54
F25	16 Nov 2023	80	13.19	88.49	6.5	33.27	7.9	25.0	0.53
F25	16 Nov 2023	81	13.19	88.21	6.5	33.27	7.9	25.0	0.53
F26	14 Nov 2023	1	18.40	91.10	7.8	33.32	8.2	23.9	0.30
F26	14 Nov 2023	2	18.38	91.13	7.9	33.32	8.2	23.9	0.30
F26	14 Nov 2023	3	18.28	91.06	7.9	33.32	8.2	23.9	0.31
F26	14 Nov 2023	4	18.26	91.09	7.9	33.32	8.2	23.9	0.33
F26	14 Nov 2023	5	18.24	90.95	7.9	33.32	8.2	23.9	0.35
F26	14 Nov 2023	6	18.23	90.12	7.9	33.32	8.2	23.9	0.35
F26	14 Nov 2023	7	18.22	90.93	7.9	33.32	8.2	23.9	0.38
F26	14 Nov 2023	8	18.14	90.87	7.9	33.31	8.2	23.9	0.39
F26	14 Nov 2023	9	17.76	90.96	8.0	33.26	8.2	24.0	0.41
F26	14 Nov 2023	10	17.60	91.28	8.1	33.24	8.2	24.0	0.43
F26	14 Nov 2023	11	17.42	91.39	8.1	33.22	8.2	24.1	0.46
F26	14 Nov 2023	12	17.32	91.31	8.1	33.22	8.2	24.1	0.48
F26	14 Nov 2023	13	17.26	91.42	8.2	33.21	8.2	24.1	0.50
F26	14 Nov 2023	14	17.22	91.43	8.2	33.21	8.2	24.1	0.53
F26	14 Nov 2023	15	17.15	91.43	8.1	33.20	8.2	24.1	0.55
F26	14 Nov 2023	16	16.76	91.40	8.2	33.17	8.2	24.2	0.60

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F26	14 Nov 2023	17	16.36	91.39	8.2	33.17	8.2	24.3	0.62
F26	14 Nov 2023	18	16.27	91.26	8.3	33.16	8.2	24.3	0.68
F26	14 Nov 2023	19	16.14	91.24	8.3	33.16	8.2	24.3	0.74
F26	14 Nov 2023	20	15.95	91.15	8.3	33.16	8.2	24.3	0.82
F26	14 Nov 2023	21	15.88	91.08	8.3	33.15	8.1	24.4	0.87
F26	14 Nov 2023	22	15.77	90.94	8.3	33.15	8.1	24.4	0.97
F26	14 Nov 2023	23	15.69	90.78	8.4	33.15	8.1	24.4	1.03
F26	14 Nov 2023	24	15.67	90.77	8.3	33.15	8.1	24.4	1.12
F26	14 Nov 2023	25	15.60	90.70	8.3	33.15	8.1	24.4	1.19
F26	14 Nov 2023	26	15.56	90.62	8.3	33.16	8.1	24.4	1.29
F26	14 Nov 2023	27	15.54	90.57	8.3	33.16	8.1	24.4	1.33
F26	14 Nov 2023	28	15.49	90.59	8.3	33.16	8.1	24.4	1.39
F26	14 Nov 2023	29	15.45	90.60	8.2	33.16	8.1	24.5	1.45
F26	14 Nov 2023	30	15.20	90.58	7.8	33.15	8.1	24.5	1.60
F26	14 Nov 2023	31	14.59	90.49	7.5	33.20	8.1	24.7	1.75
F26	14 Nov 2023	32	14.52	90.49	7.4	33.20	8.1	24.7	1.68
F26	14 Nov 2023	33	14.50	90.76	7.4	33.20	8.1	24.7	1.63
F26	14 Nov 2023	34	14.48	90.93	7.3	33.20	8.1	24.7	1.64
F26	14 Nov 2023	35	14.45	90.95	7.3	33.20	8.1	24.7	1.92
F26	14 Nov 2023	36	14.43	91.04	7.3	33.21	8.1	24.7	1.61
F26	14 Nov 2023	37	14.39	91.11	7.2	33.21	8.1	24.7	1.59
F26	14 Nov 2023	38	14.35	91.11	7.2	33.22	8.1	24.7	1.56
F26	14 Nov 2023	39	14.33	91.19	7.2	33.22	8.0	24.7	1.52
F26	14 Nov 2023	40	14.31	91.22	7.1	33.22	8.0	24.7	1.48
F26	14 Nov 2023	41	14.29	91.29	7.1	33.22	8.0	24.8	1.47
F26	14 Nov 2023	42	14.28	91.26	7.1	33.22	8.0	24.8	1.47
F26	14 Nov 2023	43	14.27	91.22	7.1	33.22	8.0	24.8	1.50
F26	14 Nov 2023	44	14.22	91.27	7.1	33.23	8.0	24.8	1.48
F26	14 Nov 2023	45	14.15	91.27	7.0	33.23	8.0	24.8	1.44
F26	14 Nov 2023	46	14.17	91.28	6.9	33.25	8.0	24.8	1.45
F26	14 Nov 2023	47	14.16	91.27	6.8	33.26	8.0	24.8	1.40
F26	14 Nov 2023	48	14.12	91.31	6.7	33.27	8.0	24.8	1.35
F26	14 Nov 2023	49	14.09	91.35	6.6	33.27	8.0	24.8	1.24
F26	14 Nov 2023	50	14.06	91.43	6.6	33.27	8.0	24.8	1.14
F26	14 Nov 2023	51	14.03	91.53	6.6	33.27	8.0	24.8	1.09
F26	14 Nov 2023	52	14.02	91.58	6.6	33.27	8.0	24.8	1.02
F26	14 Nov 2023	53	14.01	91.65	6.6	33.27	8.0	24.9	0.99
F26	14 Nov 2023	54	14.01	91.68	6.5	33.28	8.0	24.9	0.94
F26	14 Nov 2023	55	14.00	91.59	6.5	33.28	8.0	24.9	0.91
F26	14 Nov 2023	56	13.99	91.72	6.5	33.28	8.0	24.9	0.88
F26	14 Nov 2023	57	13.99	91.75	6.4	33.29	8.0	24.9	0.87
F26	14 Nov 2023	58	13.97	91.74	6.4	33.29	8.0	24.9	0.81
F26	14 Nov 2023	59	13.93	91.69	6.4	33.29	8.0	24.9	0.79
F26	14 Nov 2023	60	13.87	91.75	6.4	33.28	8.0	24.9	0.73
F26	14 Nov 2023	61	13.81	91.89	6.4	33.28	8.0	24.9	0.69
F26	14 Nov 2023	62	13.78	91.96	6.4	33.29	8.0	24.9	0.66
F26	14 Nov 2023	63	13.76	91.98	6.4	33.29	8.0	24.9	0.62
F26	14 Nov 2023	64	13.74	92.06	6.4	33.29	8.0	24.9	0.59
F26	14 Nov 2023	65	13.74	92.04	6.4	33.29	8.0	24.9	0.59
F26	14 Nov 2023	66	13.73	92.03	6.4	33.29	8.0	24.9	0.57
F26	14 Nov 2023	67	13.72	92.10	6.4	33.29	8.0	24.9	0.58
F26	14 Nov 2023	68	13.71	92.07	6.4	33.29	8.0	24.9	0.58
F26	14 Nov 2023	69	13.68	92.09	6.3	33.29	8.0	24.9	0.56
F26	14 Nov 2023	70	13.65	92.06	6.3	33.30	8.0	24.9	0.54
F26	14 Nov 2023	71	13.60	92.08	6.3	33.30	8.0	25.0	0.52
F26	14 Nov 2023	72	13.58	92.12	6.3	33.30	8.0	25.0	0.52
F26	14 Nov 2023	73	13.56	92.12	6.3	33.31	8.0	25.0	0.53
F26	14 Nov 2023	74	13.55	92.10	6.3	33.31	8.0	25.0	0.52
F26	14 Nov 2023	75	13.52	92.08	6.3	33.31	8.0	25.0	0.53
F26	14 Nov 2023	76	13.53	92.07	6.3	33.31	8.0	25.0	0.52
F26	14 Nov 2023	77	13.51	92.12	6.3	33.30	8.0	25.0	0.53

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F26	14 Nov 2023	78	13.49	92.14	6.4	33.30	8.0	25.0	0.54
F26	14 Nov 2023	79	13.46	92.14	6.4	33.29	8.0	25.0	0.56
F26	14 Nov 2023	80	13.43	92.15	6.5	33.29	8.0	25.0	0.57
F26	14 Nov 2023	81	13.40	92.20	6.5	33.28	8.0	25.0	0.58
F26	14 Nov 2023	82	13.39	92.24	6.5	33.28	8.0	25.0	0.59
F26	14 Nov 2023	83	13.39	92.23	6.5	33.28	8.0	25.0	0.58
F26	14 Nov 2023	84	13.38	92.24	6.5	33.28	8.0	25.0	0.59
F26	14 Nov 2023	85	13.31	92.22	6.6	33.27	8.0	25.0	0.65
F26	14 Nov 2023	86	13.22	92.29	6.7	33.27	8.0	25.0	0.64
F26	14 Nov 2023	87	13.21	92.41	6.8	33.26	8.0	25.0	0.61
F26	14 Nov 2023	88	13.20	92.48	6.8	33.26	8.0	25.0	0.61
F26	14 Nov 2023	89	13.20	92.44	6.8	33.26	8.0	25.0	0.62
F26	14 Nov 2023	90	13.17	92.42	6.8	33.26	8.0	25.0	0.61
F26	14 Nov 2023	91	13.13	92.47	6.8	33.26	8.0	25.0	0.62
F26	14 Nov 2023	92	13.07	92.51	6.8	33.25	8.0	25.0	0.61
F26	14 Nov 2023	93	13.01	92.64	6.8	33.25	8.0	25.0	0.61
F26	14 Nov 2023	94	12.97	92.67	6.8	33.26	8.0	25.0	0.62
F26	14 Nov 2023	95	12.91	92.73	6.8	33.27	8.0	25.1	0.58
F26	14 Nov 2023	96	12.79	92.71	6.6	33.28	8.0	25.1	0.54
F26	14 Nov 2023	97	12.65	92.71	6.5	33.30	8.0	25.1	0.50
F26	14 Nov 2023	98	12.49	92.50	6.3	33.33	8.0	25.2	0.47
F26	14 Nov 2023	99	12.38	91.38	6.2	33.35	7.9	25.2	0.42
F26	14 Nov 2023	100	12.38	90.03	6.2	33.35	7.9	25.2	0.39
F27	14 Nov 2023	1	18.45	91.22	7.8	33.33	8.2	23.9	0.31
F27	14 Nov 2023	2	18.43	91.23	7.8	33.33	8.2	23.9	0.30
F27	14 Nov 2023	3	18.38	91.25	7.8	33.33	8.2	23.9	0.29
F27	14 Nov 2023	4	18.33	91.22	7.9	33.33	8.2	23.9	0.31
F27	14 Nov 2023	5	18.27	91.11	7.9	33.32	8.2	23.9	0.33
F27	14 Nov 2023	6	18.24	90.96	7.9	33.32	8.2	23.9	0.36
F27	14 Nov 2023	7	18.22	90.88	7.9	33.32	8.2	23.9	0.39
F27	14 Nov 2023	8	18.21	90.81	7.9	33.32	8.2	23.9	0.41
F27	14 Nov 2023	9	18.20	90.75	7.9	33.32	8.2	23.9	0.42
F27	14 Nov 2023	10	18.10	90.92	7.9	33.31	8.2	24.0	0.44
F27	14 Nov 2023	11	17.63	91.12	8.0	33.25	8.2	24.0	0.44
F27	14 Nov 2023	12	17.19	91.26	8.1	33.21	8.2	24.1	0.45
F27	14 Nov 2023	13	17.08	91.50	8.2	33.20	8.2	24.1	0.47
F27	14 Nov 2023	14	17.05	91.47	8.2	33.20	8.2	24.1	0.49
F27	14 Nov 2023	15	16.94	91.51	8.2	33.20	8.2	24.1	0.51
F27	14 Nov 2023	16	16.71	91.59	8.3	33.19	8.2	24.2	0.54
F27	14 Nov 2023	17	16.58	91.49	8.3	33.18	8.2	24.2	0.58
F27	14 Nov 2023	18	16.44	91.44	8.2	33.17	8.2	24.2	0.60
F27	14 Nov 2023	19	16.03	91.42	8.2	33.16	8.2	24.3	0.71
F27	14 Nov 2023	20	15.66	91.23	8.2	33.16	8.1	24.4	0.86
F27	14 Nov 2023	21	15.59	90.84	8.2	33.16	8.1	24.4	0.98
F27	14 Nov 2023	22	15.54	90.74	8.3	33.15	8.1	24.4	1.09
F27	14 Nov 2023	23	15.51	90.73	8.3	33.15	8.1	24.4	1.14
F27	14 Nov 2023	24	15.44	90.72	8.2	33.14	8.1	24.4	1.22
F27	14 Nov 2023	25	15.16	90.68	8.0	33.14	8.1	24.5	1.45
F27	14 Nov 2023	26	14.89	90.34	7.9	33.17	8.1	24.6	1.66
F27	14 Nov 2023	27	14.84	90.12	7.7	33.17	8.1	24.6	1.72
F27	14 Nov 2023	28	14.70	90.21	7.6	33.18	8.1	24.6	1.72
F27	14 Nov 2023	29	14.66	90.32	7.6	33.19	8.1	24.6	1.76
F27	14 Nov 2023	30	14.65	90.51	7.6	33.19	8.1	24.6	1.78
F27	14 Nov 2023	31	14.64	90.70	7.6	33.19	8.1	24.7	1.77
F27	14 Nov 2023	32	14.62	90.68	7.5	33.19	8.1	24.7	1.72
F27	14 Nov 2023	33	14.59	90.68	7.4	33.20	8.1	24.7	1.64
F27	14 Nov 2023	34	14.46	90.74	7.3	33.20	8.1	24.7	1.58
F27	14 Nov 2023	35	14.35	91.11	7.2	33.21	8.1	24.7	1.41
F27	14 Nov 2023	36	14.31	91.47	7.1	33.21	8.0	24.7	1.34
F27	14 Nov 2023	37	14.22	91.45	7.0	33.22	8.0	24.8	1.32

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F27	14 Nov 2023	38	14.18	91.62	7.0	33.23	8.0	24.8	1.21
F27	14 Nov 2023	39	14.17	91.68	7.0	33.23	8.0	24.8	1.26
F27	14 Nov 2023	40	14.18	91.71	7.0	33.23	8.0	24.8	1.28
F27	14 Nov 2023	41	14.16	91.56	6.9	33.24	8.0	24.8	1.30
F27	14 Nov 2023	42	14.14	91.43	6.9	33.24	8.0	24.8	1.33
F27	14 Nov 2023	43	14.14	91.51	6.9	33.24	8.0	24.8	1.30
F27	14 Nov 2023	44	14.13	91.43	6.8	33.24	8.0	24.8	1.27
F27	14 Nov 2023	45	14.12	91.45	6.8	33.25	8.0	24.8	1.27
F27	14 Nov 2023	46	14.11	91.48	6.8	33.25	8.0	24.8	1.26
F27	14 Nov 2023	47	14.08	91.52	6.8	33.24	8.0	24.8	1.17
F27	14 Nov 2023	48	14.06	91.63	6.8	33.24	8.0	24.8	1.07
F27	14 Nov 2023	49	14.03	91.70	6.8	33.24	8.0	24.8	1.00
F27	14 Nov 2023	50	14.02	91.94	6.8	33.25	8.0	24.8	0.92
F27	14 Nov 2023	51	14.00	92.05	6.8	33.24	8.0	24.8	0.87
F27	14 Nov 2023	52	13.98	92.11	6.8	33.24	8.0	24.8	0.82
F27	14 Nov 2023	53	13.93	92.20	6.8	33.24	8.0	24.8	0.80
F27	14 Nov 2023	54	13.90	92.15	6.8	33.25	8.0	24.9	0.80
F27	14 Nov 2023	55	13.89	92.20	6.7	33.25	8.0	24.9	0.77
F27	14 Nov 2023	56	13.89	92.17	6.7	33.25	8.0	24.9	0.77
F27	14 Nov 2023	57	13.89	92.19	6.6	33.26	8.0	24.9	0.74
F27	14 Nov 2023	58	13.87	92.21	6.6	33.26	8.0	24.9	0.73
F27	14 Nov 2023	59	13.82	92.22	6.6	33.26	8.0	24.9	0.71
F27	14 Nov 2023	60	13.79	92.25	6.6	33.26	8.0	24.9	0.69
F27	14 Nov 2023	61	13.73	92.25	6.5	33.27	8.0	24.9	0.63
F27	14 Nov 2023	62	13.72	92.16	6.5	33.28	8.0	24.9	0.61
F27	14 Nov 2023	63	13.71	92.23	6.5	33.28	8.0	24.9	0.66
F27	14 Nov 2023	64	13.71	92.22	6.4	33.28	8.0	24.9	0.59
F27	14 Nov 2023	65	13.70	92.18	6.4	33.29	8.0	24.9	0.59
F27	14 Nov 2023	66	13.63	92.20	6.3	33.30	8.0	24.9	0.53
F27	14 Nov 2023	67	13.62	92.17	6.3	33.30	8.0	25.0	0.52
F27	14 Nov 2023	68	13.62	92.12	6.3	33.31	8.0	25.0	0.52
F27	14 Nov 2023	69	13.59	92.10	6.2	33.31	8.0	25.0	0.51
F27	14 Nov 2023	70	13.53	92.10	6.2	33.31	8.0	25.0	0.49
F27	14 Nov 2023	71	13.51	92.11	6.2	33.31	8.0	25.0	0.50
F27	14 Nov 2023	72	13.50	92.16	6.2	33.31	8.0	25.0	0.51
F27	14 Nov 2023	73	13.49	92.13	6.3	33.31	8.0	25.0	0.52
F27	14 Nov 2023	74	13.47	92.14	6.3	33.31	8.0	25.0	0.51
F27	14 Nov 2023	75	13.45	92.12	6.3	33.31	8.0	25.0	0.55
F27	14 Nov 2023	76	13.45	92.16	6.3	33.30	8.0	25.0	0.52
F27	14 Nov 2023	77	13.43	92.18	6.3	33.30	8.0	25.0	0.52
F27	14 Nov 2023	78	13.41	92.19	6.4	33.30	8.0	25.0	0.54
F27	14 Nov 2023	79	13.39	92.17	6.4	33.30	8.0	25.0	0.54
F27	14 Nov 2023	80	13.40	92.21	6.4	33.30	8.0	25.0	0.55
F27	14 Nov 2023	81	13.38	92.21	6.5	33.29	8.0	25.0	0.55
F27	14 Nov 2023	82	13.35	92.19	6.5	33.29	8.0	25.0	0.57
F27	14 Nov 2023	83	13.31	92.23	6.6	33.28	8.0	25.0	0.58
F27	14 Nov 2023	84	13.26	92.30	6.6	33.27	8.0	25.0	0.60
F27	14 Nov 2023	85	13.20	92.40	6.7	33.27	8.0	25.0	0.61
F27	14 Nov 2023	86	13.17	92.42	6.7	33.26	8.0	25.0	0.61
F27	14 Nov 2023	87	12.98	92.51	6.8	33.25	8.0	25.0	0.61
F27	14 Nov 2023	88	12.80	92.68	6.8	33.26	8.0	25.1	0.59
F27	14 Nov 2023	89	12.77	92.85	6.8	33.26	8.0	25.1	0.58
F27	14 Nov 2023	90	12.73	92.89	6.8	33.26	8.0	25.1	0.56
F27	14 Nov 2023	91	12.72	92.95	6.8	33.26	8.0	25.1	0.54
F27	14 Nov 2023	92	12.70	92.95	6.8	33.27	8.0	25.1	0.55
F27	14 Nov 2023	93	12.64	92.83	6.7	33.28	8.0	25.1	0.54
F27	14 Nov 2023	94	12.57	92.97	6.5	33.29	8.0	25.1	0.50
F27	14 Nov 2023	95	12.34	92.88	6.3	33.35	7.9	25.2	0.42
F27	14 Nov 2023	96	12.28	91.73	6.1	33.38	7.9	25.3	0.38
F27	14 Nov 2023	97	12.26	90.55	6.1	33.38	7.9	25.3	0.35
F27	14 Nov 2023	98	12.24	90.16	6.0	33.38	7.9	25.3	0.33

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F27	14 Nov 2023	99	12.24	89.76	6.0	33.39	7.9	25.3	0.33
F27	14 Nov 2023	100	12.25	89.33	6.0	33.38	7.9	25.3	0.33
F28	14 Nov 2023	1	18.48	89.78	7.8	33.33	8.2	23.9	0.29
F28	14 Nov 2023	2	18.48	90.27	7.8	33.33	8.2	23.9	0.31
F28	14 Nov 2023	3	18.39	90.73	7.8	33.33	8.2	23.9	0.30
F28	14 Nov 2023	4	18.27	90.94	7.9	33.33	8.2	23.9	0.30
F28	14 Nov 2023	5	18.22	90.83	7.9	33.32	8.2	23.9	0.34
F28	14 Nov 2023	6	18.12	90.87	7.9	33.31	8.2	23.9	0.35
F28	14 Nov 2023	7	17.92	90.91	8.0	33.28	8.2	24.0	0.37
F28	14 Nov 2023	8	17.77	91.14	8.0	33.26	8.2	24.0	0.39
F28	14 Nov 2023	9	17.65	91.32	8.1	33.25	8.2	24.0	0.38
F28	14 Nov 2023	10	17.61	91.37	8.1	33.25	8.2	24.0	0.41
F28	14 Nov 2023	11	17.48	91.41	8.0	33.23	8.2	24.0	0.42
F28	14 Nov 2023	12	17.02	91.43	8.1	33.21	8.2	24.1	0.44
F28	14 Nov 2023	13	16.66	91.46	8.1	33.19	8.2	24.2	0.47
F28	14 Nov 2023	14	16.30	91.44	8.2	33.17	8.2	24.3	0.49
F28	14 Nov 2023	15	15.94	91.41	8.3	33.16	8.2	24.3	0.54
F28	14 Nov 2023	16	15.84	91.25	8.4	33.16	8.2	24.4	0.60
F28	14 Nov 2023	17	15.81	91.14	8.4	33.16	8.2	24.4	0.66
F28	14 Nov 2023	18	15.79	91.10	8.3	33.16	8.1	24.4	0.70
F28	14 Nov 2023	19	15.77	91.03	8.3	33.16	8.1	24.4	0.76
F28	14 Nov 2023	20	15.74	91.04	8.3	33.16	8.1	24.4	0.79
F28	14 Nov 2023	21	15.71	90.95	8.3	33.16	8.1	24.4	0.89
F28	14 Nov 2023	22	15.67	90.91	8.3	33.16	8.1	24.4	0.92
F28	14 Nov 2023	23	15.59	90.81	8.3	33.16	8.1	24.4	1.03
F28	14 Nov 2023	24	15.53	90.78	8.3	33.16	8.1	24.4	1.09
F28	14 Nov 2023	25	15.51	90.61	8.3	33.16	8.1	24.4	1.15
F28	14 Nov 2023	26	15.49	90.57	8.2	33.16	8.1	24.4	1.19
F28	14 Nov 2023	27	15.47	90.47	8.2	33.16	8.1	24.5	1.24
F28	14 Nov 2023	28	15.40	90.52	8.1	33.16	8.1	24.5	1.29
F28	14 Nov 2023	29	15.11	90.44	8.0	33.16	8.1	24.5	1.55
F28	14 Nov 2023	30	14.94	90.25	7.9	33.18	8.1	24.6	1.72
F28	14 Nov 2023	31	14.91	89.97	7.8	33.18	8.1	24.6	1.82
F28	14 Nov 2023	32	14.88	90.00	7.8	33.18	8.1	24.6	1.89
F28	14 Nov 2023	33	14.86	90.03	7.7	33.18	8.1	24.6	1.86
F28	14 Nov 2023	34	14.82	90.08	7.7	33.18	8.1	24.6	1.82
F28	14 Nov 2023	35	14.76	90.24	7.6	33.19	8.1	24.6	1.72
F28	14 Nov 2023	36	14.65	90.43	7.5	33.19	8.1	24.7	1.72
F28	14 Nov 2023	37	14.58	90.68	7.5	33.20	8.1	24.7	1.64
F28	14 Nov 2023	38	14.53	90.88	7.4	33.20	8.1	24.7	1.55
F28	14 Nov 2023	39	14.50	90.96	7.4	33.20	8.1	24.7	1.62
F28	14 Nov 2023	40	14.46	91.14	7.4	33.20	8.1	24.7	1.53
F28	14 Nov 2023	41	14.42	91.15	7.4	33.20	8.1	24.7	1.51
F28	14 Nov 2023	42	14.33	91.08	7.4	33.20	8.1	24.7	1.58
F28	14 Nov 2023	43	14.28	91.16	7.2	33.20	8.1	24.7	1.59
F28	14 Nov 2023	44	14.23	91.01	7.1	33.23	8.0	24.8	1.60
F28	14 Nov 2023	45	14.22	91.09	7.0	33.24	8.0	24.8	1.58
F28	14 Nov 2023	46	14.17	91.06	6.9	33.24	8.0	24.8	1.51
F28	14 Nov 2023	47	14.12	91.13	6.9	33.24	8.0	24.8	1.41
F28	14 Nov 2023	48	14.08	91.23	6.9	33.24	8.0	24.8	1.33
F28	14 Nov 2023	49	14.06	91.47	6.8	33.24	8.0	24.8	1.43
F28	14 Nov 2023	50	14.05	91.57	6.8	33.25	8.0	24.8	1.23
F28	14 Nov 2023	51	14.05	91.57	6.8	33.25	8.0	24.8	1.13
F28	14 Nov 2023	52	14.03	91.64	6.7	33.25	8.0	24.8	1.08
F28	14 Nov 2023	53	14.01	91.67	6.7	33.26	8.0	24.8	1.02
F28	14 Nov 2023	54	13.98	91.77	6.7	33.25	8.0	24.8	0.93
F28	14 Nov 2023	55	13.92	92.01	6.7	33.25	8.0	24.9	0.81
F28	14 Nov 2023	56	13.86	92.15	6.7	33.25	8.0	24.9	0.74
F28	14 Nov 2023	57	13.84	92.26	6.6	33.27	8.0	24.9	0.69
F28	14 Nov 2023	58	13.87	92.24	6.4	33.28	8.0	24.9	0.66

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F28	14 Nov 2023	59	13.84	92.20	6.3	33.29	8.0	24.9	0.64
F28	14 Nov 2023	60	13.76	91.96	6.3	33.29	8.0	24.9	0.62
F28	14 Nov 2023	61	13.62	91.89	6.2	33.30	8.0	25.0	0.56
F28	14 Nov 2023	62	13.44	92.00	6.2	33.31	8.0	25.0	0.53
F28	14 Nov 2023	63	13.35	92.10	6.3	33.31	8.0	25.0	0.50
F28	14 Nov 2023	64	13.35	92.20	6.3	33.31	8.0	25.0	0.51
F28	14 Nov 2023	65	13.35	92.26	6.3	33.31	8.0	25.0	0.51
F28	14 Nov 2023	66	13.34	92.25	6.3	33.31	8.0	25.0	0.50
F28	14 Nov 2023	67	13.34	92.27	6.3	33.31	8.0	25.0	0.50
F28	14 Nov 2023	68	13.33	92.23	6.3	33.31	8.0	25.0	0.54
F28	14 Nov 2023	69	13.31	92.22	6.4	33.31	8.0	25.0	0.52
F28	14 Nov 2023	70	13.29	92.26	6.4	33.30	8.0	25.0	0.52
F28	14 Nov 2023	71	13.27	92.28	6.4	33.30	8.0	25.0	0.54
F28	14 Nov 2023	72	13.25	92.30	6.4	33.30	8.0	25.0	0.53
F28	14 Nov 2023	73	13.24	92.33	6.5	33.29	8.0	25.0	0.56
F28	14 Nov 2023	74	13.20	92.38	6.5	33.29	8.0	25.0	0.55
F28	14 Nov 2023	75	13.22	92.40	6.5	33.29	8.0	25.0	0.55
F28	14 Nov 2023	76	13.19	92.40	6.5	33.29	8.0	25.0	0.56
F28	14 Nov 2023	77	13.20	92.42	6.5	33.29	8.0	25.0	0.55
F28	14 Nov 2023	78	13.09	92.48	6.7	33.27	8.0	25.0	0.58
F28	14 Nov 2023	79	13.08	92.58	6.7	33.27	8.0	25.0	0.60
F28	14 Nov 2023	80	13.05	92.59	6.8	33.26	8.0	25.0	0.62
F28	14 Nov 2023	81	13.01	92.60	6.8	33.26	8.0	25.0	0.61
F28	14 Nov 2023	82	12.98	92.66	6.8	33.25	8.0	25.0	0.62
F28	14 Nov 2023	83	12.98	92.66	6.9	33.25	8.0	25.0	0.62
F28	14 Nov 2023	84	12.95	92.73	6.9	33.25	8.0	25.0	0.62
F28	14 Nov 2023	85	12.91	92.76	6.9	33.25	8.0	25.1	0.62
F28	14 Nov 2023	86	12.82	92.79	6.9	33.25	8.0	25.1	0.60
F28	14 Nov 2023	87	12.76	92.87	6.8	33.25	8.0	25.1	0.58
F28	14 Nov 2023	88	12.62	92.92	6.7	33.28	8.0	25.1	0.56
F28	14 Nov 2023	89	12.59	92.92	6.6	33.29	8.0	25.2	0.51
F28	14 Nov 2023	90	12.58	92.92	6.6	33.29	8.0	25.2	0.49
F28	14 Nov 2023	91	12.57	92.87	6.6	33.30	8.0	25.2	0.48
F28	14 Nov 2023	92	12.57	92.86	6.6	33.30	8.0	25.2	0.47
F28	14 Nov 2023	93	12.53	92.76	6.5	33.32	8.0	25.2	0.46
F28	14 Nov 2023	94	12.51	92.59	6.4	33.33	8.0	25.2	0.44
F28	14 Nov 2023	95	12.45	92.43	6.2	33.36	7.9	25.2	0.40
F28	14 Nov 2023	96	12.39	91.52	6.0	33.38	7.9	25.3	0.37
F28	14 Nov 2023	97	12.29	89.98	5.9	33.41	7.9	25.3	0.35
F28	14 Nov 2023	98	12.26	89.02	5.8	33.42	7.9	25.3	0.33
F28	14 Nov 2023	99	12.25	88.55	5.8	33.42	7.9	25.3	0.32
F28	14 Nov 2023	100	12.24	88.25	5.8	33.42	7.9	25.3	0.31
F28	14 Nov 2023	101	12.26	87.84	5.8	33.42	7.9	25.3	0.32
F29	14 Nov 2023	1	18.54	91.51	7.8	33.32	8.2	23.9	0.26
F29	14 Nov 2023	2	18.50	91.52	7.8	33.32	8.2	23.9	0.26
F29	14 Nov 2023	3	18.44	91.45	7.8	33.32	8.2	23.9	0.25
F29	14 Nov 2023	4	18.40	91.44	7.8	33.32	8.2	23.9	0.26
F29	14 Nov 2023	5	18.39	91.27	7.8	33.32	8.2	23.9	0.28
F29	14 Nov 2023	6	18.38	91.26	7.8	33.32	8.2	23.9	0.30
F29	14 Nov 2023	7	18.34	91.18	7.8	33.32	8.2	23.9	0.34
F29	14 Nov 2023	8	18.30	91.23	7.9	33.32	8.2	23.9	0.37
F29	14 Nov 2023	9	18.19	91.24	7.9	33.31	8.2	23.9	0.37
F29	14 Nov 2023	10	18.14	91.25	7.9	33.30	8.2	23.9	0.40
F29	14 Nov 2023	11	18.13	91.36	7.9	33.30	8.2	23.9	0.40
F29	14 Nov 2023	12	18.09	91.42	7.9	33.29	8.2	23.9	0.41
F29	14 Nov 2023	13	17.83	91.42	7.9	33.26	8.2	24.0	0.40
F29	14 Nov 2023	14	17.13	91.47	8.1	33.22	8.2	24.1	0.42
F29	14 Nov 2023	15	16.90	91.61	8.2	33.20	8.2	24.2	0.44
F29	14 Nov 2023	16	16.81	91.67	8.3	33.19	8.2	24.2	0.46
F29	14 Nov 2023	17	16.74	91.66	8.3	33.19	8.2	24.2	0.47

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F29	14 Nov 2023	18	16.49	91.65	8.4	33.18	8.2	24.2	0.52
F29	14 Nov 2023	19	16.26	91.59	8.4	33.17	8.2	24.3	0.60
F29	14 Nov 2023	20	16.01	91.17	8.4	33.16	8.2	24.3	0.75
F29	14 Nov 2023	21	15.89	90.99	8.4	33.16	8.2	24.4	0.75
F29	14 Nov 2023	22	15.72	91.25	8.3	33.16	8.1	24.4	0.79
F29	14 Nov 2023	23	15.57	91.08	8.3	33.16	8.1	24.4	0.84
F29	14 Nov 2023	24	15.46	91.08	8.2	33.16	8.1	24.5	0.94
F29	14 Nov 2023	25	15.43	90.86	8.2	33.16	8.1	24.5	1.10
F29	14 Nov 2023	26	15.37	90.80	8.2	33.16	8.1	24.5	1.17
F29	14 Nov 2023	27	15.33	90.67	8.2	33.16	8.1	24.5	1.33
F29	14 Nov 2023	28	15.19	90.44	8.0	33.16	8.1	24.5	1.44
F29	14 Nov 2023	29	15.02	90.30	8.0	33.16	8.1	24.5	1.50
F29	14 Nov 2023	30	14.92	90.50	8.1	33.15	8.1	24.6	1.52
F29	14 Nov 2023	31	14.86	90.64	8.1	33.15	8.1	24.6	1.55
F29	14 Nov 2023	32	14.81	90.71	8.0	33.15	8.1	24.6	1.57
F29	14 Nov 2023	33	14.73	90.73	8.0	33.15	8.1	24.6	1.56
F29	14 Nov 2023	34	14.68	90.74	8.0	33.15	8.1	24.6	1.67
F29	14 Nov 2023	35	14.65	90.80	7.9	33.15	8.1	24.6	1.70
F29	14 Nov 2023	36	14.62	90.74	7.9	33.16	8.1	24.6	1.67
F29	14 Nov 2023	37	14.61	90.65	7.9	33.16	8.1	24.6	1.67
F29	14 Nov 2023	38	14.57	90.67	7.8	33.15	8.1	24.6	1.69
F29	14 Nov 2023	39	14.50	90.79	7.8	33.15	8.1	24.6	1.60
F29	14 Nov 2023	40	14.36	90.93	7.8	33.15	8.1	24.7	1.55
F29	14 Nov 2023	41	14.33	91.16	7.8	33.15	8.1	24.7	1.51
F29	14 Nov 2023	42	14.32	91.23	7.7	33.16	8.1	24.7	1.48
F29	14 Nov 2023	43	14.18	91.31	7.6	33.16	8.1	24.7	1.46
F29	14 Nov 2023	44	14.05	91.47	7.7	33.15	8.1	24.7	1.40
F29	14 Nov 2023	45	13.99	91.55	7.7	33.14	8.1	24.8	1.40
F29	14 Nov 2023	46	13.91	91.50	7.7	33.13	8.1	24.8	1.33
F29	14 Nov 2023	47	13.83	91.47	7.7	33.14	8.1	24.8	1.28
F29	14 Nov 2023	48	13.90	91.65	7.4	33.17	8.1	24.8	1.29
F29	14 Nov 2023	49	14.08	91.61	7.1	33.23	8.0	24.8	1.31
F29	14 Nov 2023	50	14.12	91.46	6.9	33.25	8.0	24.8	1.34
F29	14 Nov 2023	51	14.11	91.39	6.8	33.26	8.0	24.8	1.28
F29	14 Nov 2023	52	14.07	91.41	6.7	33.26	8.0	24.8	1.21
F29	14 Nov 2023	53	14.04	91.48	6.7	33.26	8.0	24.8	1.28
F29	14 Nov 2023	54	13.99	91.46	6.8	33.25	8.0	24.8	1.17
F29	14 Nov 2023	55	13.90	91.52	6.9	33.23	8.0	24.8	1.10
F29	14 Nov 2023	56	13.80	91.61	7.0	33.22	8.0	24.9	1.05
F29	14 Nov 2023	57	13.70	91.76	7.1	33.20	8.0	24.9	0.99
F29	14 Nov 2023	58	13.70	91.90	7.0	33.22	8.0	24.9	0.96
F29	14 Nov 2023	59	13.73	91.93	6.8	33.24	8.0	24.9	0.92
F29	14 Nov 2023	60	13.74	91.85	6.7	33.25	8.0	24.9	0.86
F29	14 Nov 2023	61	13.73	91.71	6.6	33.26	8.0	24.9	0.79
F29	14 Nov 2023	62	13.65	91.59	6.5	33.27	8.0	24.9	0.73
F29	14 Nov 2023	63	13.49	91.54	6.4	33.29	8.0	25.0	0.64
F29	14 Nov 2023	64	13.44	91.68	6.3	33.31	8.0	25.0	0.58
F29	14 Nov 2023	65	13.32	91.98	6.3	33.30	8.0	25.0	0.57
F29	14 Nov 2023	66	13.17	92.17	6.5	33.28	8.0	25.0	0.56
F29	14 Nov 2023	67	13.09	92.36	6.6	33.27	8.0	25.0	0.59
F29	14 Nov 2023	68	13.05	92.51	6.7	33.26	8.0	25.0	0.60
F29	14 Nov 2023	69	13.03	92.57	6.8	33.26	8.0	25.0	0.60
F29	14 Nov 2023	70	13.01	92.62	6.8	33.26	8.0	25.0	0.61
F29	14 Nov 2023	71	12.98	92.63	6.8	33.26	8.0	25.0	0.62
F29	14 Nov 2023	72	12.97	92.66	6.8	33.26	8.0	25.0	0.60
F29	14 Nov 2023	73	12.96	92.68	6.8	33.25	8.0	25.0	0.60
F29	14 Nov 2023	74	12.93	92.72	6.8	33.25	8.0	25.1	0.60
F29	14 Nov 2023	75	12.91	92.76	6.9	33.25	8.0	25.1	0.60
F29	14 Nov 2023	76	12.88	92.77	6.9	33.25	8.0	25.1	0.60
F29	14 Nov 2023	77	12.87	92.78	6.9	33.25	8.0	25.1	0.60
F29	14 Nov 2023	78	12.86	92.79	6.9	33.25	8.0	25.1	0.61

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F29	14 Nov 2023	79	12.85	92.80	6.9	33.25	8.0	25.1	0.59
F29	14 Nov 2023	80	12.82	92.80	6.9	33.25	8.0	25.1	0.59
F29	14 Nov 2023	81	12.83	92.82	6.9	33.25	8.0	25.1	0.59
F29	14 Nov 2023	82	12.82	92.83	6.9	33.25	8.0	25.1	0.60
F29	14 Nov 2023	83	12.80	92.84	6.9	33.25	8.0	25.1	0.58
F29	14 Nov 2023	84	12.78	92.82	6.9	33.26	8.0	25.1	0.57
F29	14 Nov 2023	85	12.76	92.88	6.8	33.26	8.0	25.1	0.56
F29	14 Nov 2023	86	12.69	92.89	6.8	33.27	8.0	25.1	0.55
F29	14 Nov 2023	87	12.64	92.92	6.7	33.28	8.0	25.1	0.53
F29	14 Nov 2023	88	12.61	92.93	6.7	33.28	8.0	25.1	0.51
F29	14 Nov 2023	89	12.61	92.89	6.7	33.28	8.0	25.1	0.50
F29	14 Nov 2023	90	12.61	92.95	6.7	33.28	8.0	25.1	0.51
F29	14 Nov 2023	91	12.58	92.94	6.7	33.29	8.0	25.1	0.49
F29	14 Nov 2023	92	12.51	92.93	6.6	33.30	8.0	25.2	0.46
F29	14 Nov 2023	93	12.43	92.95	6.4	33.33	8.0	25.2	0.44
F29	14 Nov 2023	94	12.39	92.94	6.3	33.34	7.9	25.2	0.41
F29	14 Nov 2023	95	12.35	92.78	6.1	33.37	7.9	25.3	0.38
F29	14 Nov 2023	96	12.32	91.66	5.9	33.41	7.9	25.3	0.35
F29	14 Nov 2023	97	12.31	90.04	5.8	33.41	7.9	25.3	0.33
F29	14 Nov 2023	98	12.31	89.51	5.8	33.42	7.9	25.3	0.34
F29	14 Nov 2023	99	12.30	89.33	5.8	33.42	7.9	25.3	0.34
F29	14 Nov 2023	100	12.30	88.81	5.8	33.42	7.9	25.3	0.33
F30	14 Nov 2023	1	18.47	91.39	7.8	33.31	8.2	23.9	0.25
F30	14 Nov 2023	2	18.39	91.30	7.9	33.31	8.2	23.9	0.24
F30	14 Nov 2023	3	18.37	91.38	7.8	33.31	8.2	23.9	0.25
F30	14 Nov 2023	4	18.36	91.47	7.8	33.31	8.2	23.9	0.26
F30	14 Nov 2023	5	18.35	91.42	7.9	33.31	8.2	23.9	0.26
F30	14 Nov 2023	6	18.35	91.41	7.9	33.31	8.2	23.9	0.28
F30	14 Nov 2023	7	18.35	91.44	7.8	33.31	8.2	23.9	0.29
F30	14 Nov 2023	8	18.35	91.39	7.8	33.31	8.2	23.9	0.30
F30	14 Nov 2023	9	18.34	91.42	7.9	33.31	8.2	23.9	0.31
F30	14 Nov 2023	10	18.33	91.45	7.9	33.31	8.2	23.9	0.32
F30	14 Nov 2023	11	18.30	91.43	7.8	33.30	8.2	23.9	0.34
F30	14 Nov 2023	12	18.20	91.47	7.8	33.29	8.2	23.9	0.36
F30	14 Nov 2023	13	17.85	91.47	7.9	33.25	8.2	24.0	0.38
F30	14 Nov 2023	14	17.26	91.58	8.0	33.21	8.2	24.1	0.40
F30	14 Nov 2023	15	16.89	91.64	8.1	33.19	8.2	24.1	0.44
F30	14 Nov 2023	16	16.69	91.66	8.2	33.18	8.2	24.2	0.48
F30	14 Nov 2023	17	16.64	91.72	8.3	33.18	8.2	24.2	0.49
F30	14 Nov 2023	18	16.55	91.72	8.3	33.17	8.2	24.2	0.50
F30	14 Nov 2023	19	16.47	91.49	8.4	33.17	8.2	24.2	0.52
F30	14 Nov 2023	20	16.28	91.28	8.4	33.16	8.2	24.3	0.61
F30	14 Nov 2023	21	16.19	91.52	8.4	33.16	8.2	24.3	0.65
F30	14 Nov 2023	22	16.18	91.08	8.4	33.16	8.2	24.3	0.74
F30	14 Nov 2023	23	16.14	91.17	8.4	33.16	8.2	24.3	0.73
F30	14 Nov 2023	24	16.04	91.33	8.4	33.16	8.2	24.3	0.68
F30	14 Nov 2023	25	15.82	91.65	8.3	33.15	8.2	24.4	0.77
F30	14 Nov 2023	26	15.60	91.64	8.2	33.16	8.1	24.4	0.84
F30	14 Nov 2023	27	15.41	91.51	8.1	33.16	8.1	24.5	1.04
F30	14 Nov 2023	28	15.28	91.22	8.0	33.16	8.1	24.5	1.21
F30	14 Nov 2023	29	15.06	91.05	8.0	33.16	8.1	24.5	1.44
F30	14 Nov 2023	30	14.93	90.93	8.0	33.15	8.1	24.6	1.48
F30	14 Nov 2023	31	14.83	90.82	8.0	33.15	8.1	24.6	1.56
F30	14 Nov 2023	32	14.80	90.72	8.0	33.15	8.1	24.6	1.62
F30	14 Nov 2023	33	14.77	90.73	8.0	33.15	8.1	24.6	1.61
F30	14 Nov 2023	34	14.75	90.76	8.0	33.15	8.1	24.6	1.61
F30	14 Nov 2023	35	14.75	90.92	8.0	33.15	8.1	24.6	1.61
F30	14 Nov 2023	36	14.74	90.90	7.9	33.16	8.1	24.6	1.56
F30	14 Nov 2023	37	14.70	91.03	7.8	33.17	8.1	24.6	1.52
F30	14 Nov 2023	38	14.57	91.16	7.8	33.16	8.1	24.6	1.52

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F30	14 Nov 2023	39	14.37	91.22	7.8	33.16	8.1	24.7	1.52
F30	14 Nov 2023	40	14.30	91.31	7.7	33.16	8.1	24.7	1.43
F30	14 Nov 2023	41	14.32	91.40	7.6	33.18	8.1	24.7	1.37
F30	14 Nov 2023	42	14.33	91.49	7.5	33.19	8.1	24.7	1.37
F30	14 Nov 2023	43	14.28	91.57	7.5	33.19	8.1	24.7	1.36
F30	14 Nov 2023	44	14.21	91.61	7.5	33.19	8.1	24.7	1.33
F30	14 Nov 2023	45	14.13	91.67	7.6	33.17	8.1	24.7	1.30
F30	14 Nov 2023	46	14.07	91.72	7.6	33.17	8.1	24.8	1.31
F30	14 Nov 2023	47	14.04	91.75	7.5	33.18	8.1	24.8	1.23
F30	14 Nov 2023	48	13.93	91.86	7.4	33.18	8.1	24.8	1.17
F30	14 Nov 2023	49	13.83	91.97	7.4	33.19	8.1	24.8	1.12
F30	14 Nov 2023	50	13.80	92.10	7.3	33.20	8.0	24.8	1.05
F30	14 Nov 2023	51	13.79	92.13	7.3	33.21	8.0	24.8	1.04
F30	14 Nov 2023	52	13.79	92.06	7.2	33.21	8.0	24.8	1.02
F30	14 Nov 2023	53	13.78	92.08	7.2	33.21	8.0	24.9	1.02
F30	14 Nov 2023	54	13.78	92.04	7.2	33.21	8.0	24.9	1.03
F30	14 Nov 2023	55	13.74	92.06	7.2	33.21	8.0	24.9	1.02
F30	14 Nov 2023	56	13.66	92.07	7.1	33.21	8.0	24.9	0.95
F30	14 Nov 2023	57	13.51	92.09	7.1	33.21	8.0	24.9	0.91
F30	14 Nov 2023	58	13.47	92.13	7.0	33.22	8.0	24.9	0.85
F30	14 Nov 2023	59	13.44	92.20	6.9	33.23	8.0	24.9	0.79
F30	14 Nov 2023	60	13.47	92.09	6.6	33.27	8.0	25.0	0.73
F30	14 Nov 2023	61	13.44	91.88	6.6	33.28	8.0	25.0	0.68
F30	14 Nov 2023	62	13.27	92.23	6.7	33.26	8.0	25.0	0.71
F30	14 Nov 2023	63	13.08	92.39	6.8	33.25	8.0	25.0	0.67
F30	14 Nov 2023	64	12.99	92.58	6.9	33.25	8.0	25.0	0.66
F30	14 Nov 2023	65	12.91	92.67	6.8	33.25	8.0	25.1	0.62
F30	14 Nov 2023	66	12.74	92.60	6.7	33.26	8.0	25.1	0.57
F30	14 Nov 2023	67	12.65	92.19	6.6	33.27	8.0	25.1	0.52
F30	14 Nov 2023	68	12.62	91.91	6.5	33.27	8.0	25.1	0.49
F30	14 Nov 2023	69	12.57	91.65	6.5	33.28	8.0	25.1	0.50
F30	14 Nov 2023	70	12.57	91.43	6.5	33.28	8.0	25.1	0.46
F30	14 Nov 2023	71	12.56	91.40	6.5	33.28	8.0	25.1	0.47
F30	14 Nov 2023	72	12.56	91.49	6.5	33.28	8.0	25.1	0.44
F30	14 Nov 2023	73	12.55	91.53	6.5	33.28	8.0	25.1	0.44
F30	14 Nov 2023	74	12.55	91.45	6.4	33.28	8.0	25.1	0.44
F30	14 Nov 2023	75	12.55	91.36	6.4	33.29	8.0	25.2	0.43
F30	14 Nov 2023	76	12.54	91.31	6.4	33.30	8.0	25.2	0.43
F30	14 Nov 2023	77	12.54	91.19	6.4	33.30	8.0	25.2	0.43
F30	14 Nov 2023	78	12.55	91.14	6.4	33.30	8.0	25.2	0.43
F30	14 Nov 2023	79	12.56	91.19	6.4	33.30	8.0	25.2	0.44
F30	14 Nov 2023	80	12.56	91.26	6.4	33.29	8.0	25.2	0.44
F30	14 Nov 2023	81	12.56	91.27	6.4	33.29	8.0	25.2	0.44
F30	14 Nov 2023	82	12.56	91.24	6.4	33.29	8.0	25.2	0.43
F30	14 Nov 2023	83	12.56	91.22	6.4	33.29	8.0	25.2	0.44
F30	14 Nov 2023	84	12.56	91.21	6.4	33.29	8.0	25.2	0.43
F30	14 Nov 2023	85	12.56	91.05	6.4	33.29	8.0	25.2	0.43
F30	14 Nov 2023	86	12.56	90.97	6.4	33.29	8.0	25.2	0.44
F30	14 Nov 2023	87	12.57	91.07	6.4	33.29	8.0	25.2	0.44
F30	14 Nov 2023	88	12.57	91.26	6.4	33.29	8.0	25.2	0.45
F30	14 Nov 2023	89	12.56	91.26	6.4	33.29	8.0	25.2	0.44
F30	14 Nov 2023	90	12.55	91.16	6.4	33.29	8.0	25.2	0.44
F30	14 Nov 2023	91	12.55	91.12	6.3	33.30	7.9	25.2	0.44
F30	14 Nov 2023	92	12.55	90.89	6.3	33.30	7.9	25.2	0.42
F30	14 Nov 2023	93	12.52	90.64	6.2	33.30	7.9	25.2	0.41
F30	14 Nov 2023	94	12.49	89.41	6.1	33.31	7.9	25.2	0.40
F30	14 Nov 2023	95	12.48	88.78	6.0	33.31	7.9	25.2	0.39
F30	14 Nov 2023	96	12.47	88.25	5.9	33.32	7.9	25.2	0.37
F30	14 Nov 2023	97	12.47	87.94	5.9	33.33	7.9	25.2	0.37
F30	14 Nov 2023	98	12.45	88.34	5.8	33.34	7.9	25.2	0.35
F30	14 Nov 2023	99	12.45	87.89	5.8	33.35	7.9	25.2	0.34

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F31	14 Nov 2023	1	18.53	91.88	7.8	33.31	8.2	23.9	0.24
F31	14 Nov 2023	2	18.52	91.85	7.8	33.31	8.2	23.9	0.22
F31	14 Nov 2023	3	18.40	91.81	7.8	33.31	8.2	23.9	0.23
F31	14 Nov 2023	4	18.38	91.70	7.8	33.31	8.2	23.9	0.23
F31	14 Nov 2023	5	18.37	91.58	7.8	33.31	8.2	23.9	0.25
F31	14 Nov 2023	6	18.36	91.58	7.8	33.31	8.2	23.9	0.25
F31	14 Nov 2023	7	18.36	91.54	7.8	33.31	8.2	23.9	0.25
F31	14 Nov 2023	8	18.35	91.54	7.8	33.31	8.2	23.9	0.27
F31	14 Nov 2023	9	18.34	91.52	7.8	33.31	8.2	23.9	0.28
F31	14 Nov 2023	10	18.33	91.56	7.9	33.31	8.2	23.9	0.30
F31	14 Nov 2023	11	18.31	91.57	7.9	33.31	8.2	23.9	0.32
F31	14 Nov 2023	12	18.31	91.55	7.8	33.31	8.2	23.9	0.33
F31	14 Nov 2023	13	18.29	91.46	7.9	33.30	8.2	23.9	0.33
F31	14 Nov 2023	14	18.27	91.45	7.9	33.30	8.2	23.9	0.35
F31	14 Nov 2023	15	18.23	91.56	7.8	33.29	8.2	23.9	0.36
F31	14 Nov 2023	16	18.16	91.57	7.8	33.28	8.2	23.9	0.38
F31	14 Nov 2023	17	17.73	91.65	7.9	33.24	8.2	24.0	0.41
F31	14 Nov 2023	18	17.23	91.65	8.1	33.21	8.2	24.1	0.46
F31	14 Nov 2023	19	17.00	91.69	8.1	33.20	8.2	24.1	0.47
F31	14 Nov 2023	20	16.77	91.70	8.2	33.18	8.2	24.2	0.49
F31	14 Nov 2023	21	16.56	91.71	8.2	33.17	8.2	24.2	0.53
F31	14 Nov 2023	22	16.47	91.73	8.3	33.17	8.2	24.2	0.57
F31	14 Nov 2023	23	16.42	91.67	8.3	33.17	8.2	24.2	0.61
F31	14 Nov 2023	24	16.38	91.72	8.3	33.17	8.2	24.3	0.63
F31	14 Nov 2023	25	16.32	91.72	8.3	33.17	8.2	24.3	0.66
F31	14 Nov 2023	26	16.18	91.71	8.3	33.16	8.1	24.3	0.72
F31	14 Nov 2023	27	16.12	91.67	8.2	33.16	8.1	24.3	0.75
F31	14 Nov 2023	28	15.96	91.62	8.2	33.15	8.1	24.3	0.79
F31	14 Nov 2023	29	15.82	91.55	8.3	33.15	8.1	24.4	0.86
F31	14 Nov 2023	30	15.68	91.39	8.2	33.15	8.1	24.4	1.00
F31	14 Nov 2023	31	15.54	91.21	8.2	33.15	8.1	24.4	1.15
F31	14 Nov 2023	32	15.32	91.03	8.1	33.15	8.1	24.5	1.33
F31	14 Nov 2023	33	15.09	90.88	8.1	33.15	8.1	24.5	1.57
F31	14 Nov 2023	34	15.02	90.73	8.1	33.15	8.1	24.5	1.70
F31	14 Nov 2023	35	14.93	90.69	8.1	33.14	8.1	24.6	1.77
F31	14 Nov 2023	36	14.75	90.62	8.2	33.13	8.1	24.6	1.86
F31	14 Nov 2023	37	14.63	90.51	8.2	33.13	8.1	24.6	1.93
F31	14 Nov 2023	38	14.54	90.45	8.2	33.12	8.1	24.6	1.89
F31	14 Nov 2023	39	14.35	90.51	8.2	33.12	8.1	24.7	1.97
F31	14 Nov 2023	40	14.24	90.49	8.1	33.13	8.1	24.7	1.94
F31	14 Nov 2023	41	14.21	90.51	8.1	33.13	8.1	24.7	1.90
F31	14 Nov 2023	42	14.17	90.53	8.1	33.13	8.1	24.7	1.82
F31	14 Nov 2023	43	14.16	90.60	8.1	33.14	8.1	24.7	1.84
F31	14 Nov 2023	44	14.14	90.61	8.0	33.14	8.1	24.7	1.77
F31	14 Nov 2023	45	14.10	90.72	7.9	33.15	8.1	24.7	1.73
F31	14 Nov 2023	46	14.08	90.92	7.8	33.15	8.1	24.7	1.64
F31	14 Nov 2023	47	14.06	90.97	7.8	33.16	8.1	24.7	1.52
F31	14 Nov 2023	48	14.02	91.18	7.8	33.16	8.1	24.8	1.45
F31	14 Nov 2023	49	13.97	91.35	7.7	33.16	8.1	24.8	1.39
F31	14 Nov 2023	50	13.91	91.49	7.6	33.17	8.1	24.8	1.32
F31	14 Nov 2023	51	13.83	91.67	7.6	33.17	8.1	24.8	1.23
F31	14 Nov 2023	52	13.71	91.68	7.5	33.18	8.1	24.8	1.12
F31	14 Nov 2023	53	13.64	91.98	7.5	33.18	8.1	24.9	1.06
F31	14 Nov 2023	54	13.56	92.16	7.4	33.18	8.1	24.9	1.05
F31	14 Nov 2023	55	13.50	92.25	7.4	33.19	8.1	24.9	0.95
F31	14 Nov 2023	56	13.46	92.36	7.4	33.19	8.0	24.9	0.90
F31	14 Nov 2023	57	13.39	92.42	7.3	33.20	8.0	24.9	0.89
F31	14 Nov 2023	58	13.35	92.57	7.3	33.20	8.0	24.9	0.84
F31	14 Nov 2023	59	13.27	92.57	7.2	33.21	8.0	25.0	0.80
F31	14 Nov 2023	60	13.11	92.60	7.2	33.22	8.0	25.0	0.75

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F31	14 Nov 2023	61	13.08	92.61	7.1	33.23	8.0	25.0	0.71
F31	14 Nov 2023	62	13.04	92.71	7.1	33.23	8.0	25.0	0.70
F31	14 Nov 2023	63	13.01	92.70	7.1	33.23	8.0	25.0	0.70
F31	14 Nov 2023	64	12.99	92.74	7.0	33.23	8.0	25.0	0.67
F31	14 Nov 2023	65	12.95	92.78	7.0	33.24	8.0	25.0	0.66
F31	14 Nov 2023	66	12.92	92.78	7.0	33.24	8.0	25.0	0.66
F31	14 Nov 2023	67	12.90	92.82	7.0	33.24	8.0	25.1	0.64
F31	14 Nov 2023	68	12.89	92.80	7.0	33.24	8.0	25.1	0.63
F31	14 Nov 2023	69	12.87	92.81	6.9	33.25	8.0	25.1	0.62
F31	14 Nov 2023	70	12.80	92.74	6.8	33.25	8.0	25.1	0.61
F31	14 Nov 2023	71	12.71	92.71	6.8	33.26	8.0	25.1	0.57
F31	14 Nov 2023	72	12.63	92.72	6.6	33.27	8.0	25.1	0.54
F31	14 Nov 2023	73	12.41	92.66	6.2	33.29	8.0	25.2	0.46
F31	14 Nov 2023	74	12.32	90.49	5.8	33.30	7.9	25.2	0.37
F31	14 Nov 2023	75	12.32	88.83	5.8	33.30	7.9	25.2	0.33
F31	14 Nov 2023	76	12.33	89.32	5.9	33.30	7.9	25.2	0.32
F31	14 Nov 2023	77	12.33	89.42	5.9	33.30	7.9	25.2	0.32
F31	14 Nov 2023	78	12.32	89.60	5.9	33.30	7.9	25.2	0.33
F31	14 Nov 2023	79	12.31	89.96	6.0	33.30	7.9	25.2	0.33
F31	14 Nov 2023	80	12.32	90.17	6.0	33.31	7.9	25.2	0.34
F31	14 Nov 2023	81	12.32	90.14	6.0	33.31	7.9	25.2	0.33
F31	14 Nov 2023	82	12.33	90.07	6.0	33.31	7.9	25.2	0.32
F31	14 Nov 2023	83	12.32	90.20	6.0	33.31	7.9	25.2	0.33
F31	14 Nov 2023	84	12.32	89.96	5.9	33.31	7.9	25.2	0.32
F31	14 Nov 2023	85	12.29	89.92	5.7	33.30	7.9	25.2	0.32
F31	14 Nov 2023	86	12.26	88.51	5.5	33.30	7.9	25.2	0.29
F31	14 Nov 2023	87	12.27	87.90	5.5	33.30	7.9	25.2	0.28
F31	14 Nov 2023	88	12.28	87.59	5.5	33.30	7.9	25.2	0.28
F31	14 Nov 2023	89	12.28	87.70	5.5	33.30	7.9	25.2	0.27
F31	14 Nov 2023	90	12.27	87.76	5.4	33.30	7.9	25.2	0.27
F31	14 Nov 2023	91	12.24	87.30	5.3	33.30	7.9	25.2	0.26
F31	14 Nov 2023	92	12.23	86.86	5.3	33.30	7.9	25.2	0.25
F31	14 Nov 2023	93	12.23	86.94	5.4	33.30	7.9	25.2	0.25
F31	14 Nov 2023	94	12.33	87.28	5.4	33.35	7.9	25.2	0.27
F31	14 Nov 2023	95	12.38	89.72	5.3	33.41	7.9	25.3	0.25
F31	14 Nov 2023	96	12.29	90.08	5.3	33.42	7.9	25.3	0.25
F31	14 Nov 2023	97	12.26	89.91	5.3	33.42	7.9	25.3	0.24
F31	14 Nov 2023	98	12.23	89.79	5.3	33.41	7.9	25.3	0.24
F31	14 Nov 2023	99	12.21	89.45	5.4	33.41	7.9	25.3	0.24
F31	14 Nov 2023	100	12.21	89.01	5.4	33.41	7.9	25.3	0.25
F32	14 Nov 2023	1	18.46	92.08	7.8	33.31	8.2	23.9	0.22
F32	14 Nov 2023	2	18.36	92.06	7.8	33.31	8.2	23.9	0.23
F32	14 Nov 2023	3	18.31	91.95	7.8	33.31	8.2	23.9	0.24
F32	14 Nov 2023	4	18.30	91.76	7.8	33.31	8.2	23.9	0.24
F32	14 Nov 2023	5	18.29	91.72	7.9	33.30	8.2	23.9	0.26
F32	14 Nov 2023	6	18.28	91.65	7.8	33.30	8.2	23.9	0.26
F32	14 Nov 2023	7	18.27	91.64	7.9	33.30	8.2	23.9	0.28
F32	14 Nov 2023	8	18.26	91.70	7.9	33.30	8.2	23.9	0.28
F32	14 Nov 2023	9	18.26	91.70	7.9	33.30	8.2	23.9	0.30
F32	14 Nov 2023	10	18.25	91.69	7.9	33.30	8.2	23.9	0.31
F32	14 Nov 2023	11	18.25	91.69	7.9	33.30	8.2	23.9	0.32
F32	14 Nov 2023	12	18.24	91.70	7.9	33.30	8.2	23.9	0.38
F32	14 Nov 2023	13	18.24	91.72	7.9	33.30	8.2	23.9	0.36
F32	14 Nov 2023	14	18.23	91.72	7.9	33.30	8.2	23.9	0.36
F32	14 Nov 2023	15	18.22	91.68	7.9	33.30	8.2	23.9	0.37
F32	14 Nov 2023	16	18.02	91.70	7.9	33.27	8.2	23.9	0.40
F32	14 Nov 2023	17	17.70	91.65	8.0	33.24	8.2	24.0	0.42
F32	14 Nov 2023	18	17.50	91.69	8.1	33.23	8.2	24.0	0.45
F32	14 Nov 2023	19	17.36	91.68	8.1	33.21	8.2	24.1	0.47
F32	14 Nov 2023	20	17.04	91.64	8.2	33.18	8.2	24.1	0.50

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F32	14 Nov 2023	21	16.74	91.56	8.2	33.17	8.2	24.2	0.52
F32	14 Nov 2023	22	16.69	91.48	8.2	33.17	8.2	24.2	0.57
F32	14 Nov 2023	23	16.62	91.48	8.2	33.16	8.2	24.2	0.60
F32	14 Nov 2023	24	16.50	91.44	8.3	33.16	8.2	24.2	0.65
F32	14 Nov 2023	25	16.43	91.36	8.3	33.16	8.2	24.2	0.65
F32	14 Nov 2023	26	16.36	91.33	8.3	33.16	8.2	24.2	0.67
F32	14 Nov 2023	27	16.30	91.46	8.3	33.16	8.2	24.3	0.68
F32	14 Nov 2023	28	16.26	89.64	8.3	33.16	8.2	24.3	0.69
F32	14 Nov 2023	29	16.19	91.56	8.3	33.17	8.1	24.3	0.73
F32	14 Nov 2023	30	16.11	91.65	8.3	33.16	8.1	24.3	0.84
F32	14 Nov 2023	31	16.00	91.67	8.3	33.16	8.1	24.3	0.84
F32	14 Nov 2023	32	15.90	91.46	8.3	33.15	8.1	24.3	0.86
F32	14 Nov 2023	33	15.77	91.44	8.2	33.15	8.1	24.4	0.91
F32	14 Nov 2023	34	15.65	91.47	8.2	33.14	8.1	24.4	1.01
F32	14 Nov 2023	35	15.39	91.37	8.2	33.15	8.1	24.5	1.24
F32	14 Nov 2023	36	15.27	91.21	8.2	33.14	8.1	24.5	1.36
F32	14 Nov 2023	37	14.98	91.06	8.1	33.14	8.1	24.5	1.52
F32	14 Nov 2023	38	14.81	90.91	8.1	33.13	8.1	24.6	1.70
F32	14 Nov 2023	39	14.50	90.71	8.1	33.12	8.1	24.6	1.83
F32	14 Nov 2023	40	14.32	90.53	8.2	33.12	8.1	24.7	1.88
F32	14 Nov 2023	41	14.13	90.41	8.1	33.13	8.1	24.7	1.89
F32	14 Nov 2023	42	14.04	90.35	8.0	33.13	8.1	24.7	1.80
F32	14 Nov 2023	43	13.96	90.44	7.9	33.14	8.1	24.8	1.69
F32	14 Nov 2023	44	13.92	90.78	7.9	33.14	8.1	24.8	1.62
F32	14 Nov 2023	45	13.90	90.92	7.9	33.15	8.1	24.8	1.55
F32	14 Nov 2023	46	13.87	91.06	7.8	33.15	8.1	24.8	1.55
F32	14 Nov 2023	47	13.85	91.22	7.8	33.15	8.1	24.8	1.50
F32	14 Nov 2023	48	13.85	91.27	7.8	33.15	8.1	24.8	1.49
F32	14 Nov 2023	49	13.83	91.30	7.7	33.16	8.1	24.8	1.42
F32	14 Nov 2023	50	13.83	91.33	7.7	33.16	8.1	24.8	1.40
F32	14 Nov 2023	51	13.81	91.39	7.6	33.16	8.1	24.8	1.37
F32	14 Nov 2023	52	13.72	91.45	7.6	33.17	8.1	24.8	1.32
F32	14 Nov 2023	53	13.68	91.63	7.5	33.17	8.1	24.8	1.29
F32	14 Nov 2023	54	13.63	91.74	7.5	33.18	8.1	24.9	1.23
F32	14 Nov 2023	55	13.58	91.82	7.5	33.18	8.1	24.9	1.15
F32	14 Nov 2023	56	13.49	91.87	7.5	33.18	8.1	24.9	1.12
F32	14 Nov 2023	57	13.43	92.00	7.4	33.19	8.1	24.9	1.15
F32	14 Nov 2023	58	13.39	92.04	7.4	33.19	8.0	24.9	1.04
F32	14 Nov 2023	59	13.32	92.11	7.3	33.20	8.0	24.9	1.00
F32	14 Nov 2023	60	13.27	92.25	7.3	33.20	8.0	24.9	0.94
F32	14 Nov 2023	61	13.25	92.33	7.3	33.20	8.0	25.0	0.87
F32	14 Nov 2023	62	13.23	92.40	7.3	33.21	8.0	25.0	0.84
F32	14 Nov 2023	63	13.21	92.45	7.2	33.21	8.0	25.0	0.84
F32	14 Nov 2023	64	13.18	92.48	7.2	33.21	8.0	25.0	0.83
F32	14 Nov 2023	65	13.13	92.55	7.1	33.22	8.0	25.0	0.76
F32	14 Nov 2023	66	13.08	92.58	7.1	33.22	8.0	25.0	0.76
F32	14 Nov 2023	67	13.03	92.65	7.0	33.23	8.0	25.0	0.73
F32	14 Nov 2023	68	13.02	92.73	7.0	33.23	8.0	25.0	0.72
F32	14 Nov 2023	69	12.99	92.75	7.0	33.24	8.0	25.0	0.68
F32	14 Nov 2023	70	12.81	92.78	6.8	33.25	8.0	25.1	0.61
F32	14 Nov 2023	71	12.48	92.85	6.6	33.28	8.0	25.2	0.55
F32	14 Nov 2023	72	12.31	92.99	6.6	33.30	8.0	25.2	0.49
F32	14 Nov 2023	73	12.27	93.08	6.5	33.31	8.0	25.2	0.44
F32	14 Nov 2023	74	12.24	93.14	6.5	33.32	8.0	25.2	0.41
F32	14 Nov 2023	75	12.22	93.06	6.4	33.32	8.0	25.2	0.39
F32	14 Nov 2023	76	12.21	92.44	6.2	33.33	7.9	25.3	0.36
F32	14 Nov 2023	77	12.20	91.83	6.2	33.33	7.9	25.3	0.35
F32	14 Nov 2023	78	12.21	91.78	6.1	33.33	7.9	25.3	0.34
F32	14 Nov 2023	79	12.21	91.62	6.0	33.34	7.9	25.3	0.32
F32	14 Nov 2023	80	12.23	91.28	5.8	33.34	7.9	25.3	0.30
F32	14 Nov 2023	81	12.23	90.40	5.7	33.34	7.9	25.3	0.30

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F32	14 Nov 2023	82	12.21	90.32	5.8	33.34	7.9	25.3	0.30
F32	14 Nov 2023	83	12.18	90.78	6.1	33.34	7.9	25.3	0.32
F32	14 Nov 2023	84	12.17	91.51	6.2	33.34	7.9	25.3	0.33
F32	14 Nov 2023	85	12.16	92.11	6.2	33.33	7.9	25.3	0.34
F32	14 Nov 2023	86	12.16	92.41	6.3	33.33	7.9	25.3	0.36
F32	14 Nov 2023	87	12.16	92.52	6.3	33.33	7.9	25.3	0.36
F32	14 Nov 2023	88	12.16	92.63	6.3	33.33	7.9	25.3	0.34
F32	14 Nov 2023	89	12.15	92.62	6.3	33.34	7.9	25.3	0.34
F32	14 Nov 2023	90	12.14	92.54	6.3	33.34	7.9	25.3	0.34
F32	14 Nov 2023	91	12.13	92.60	6.3	33.34	7.9	25.3	0.34
F32	14 Nov 2023	92	12.13	92.53	6.3	33.34	7.9	25.3	0.33
F32	14 Nov 2023	93	12.13	92.58	6.2	33.34	7.9	25.3	0.34
F32	14 Nov 2023	94	12.13	92.42	6.1	33.35	7.9	25.3	0.33
F32	14 Nov 2023	95	12.16	91.79	5.8	33.36	7.9	25.3	0.30
F32	14 Nov 2023	96	12.19	90.81	5.5	33.37	7.9	25.3	0.27
F32	14 Nov 2023	97	12.20	89.82	5.3	33.38	7.9	25.3	0.26
F32	14 Nov 2023	98	12.24	89.62	5.2	33.39	7.9	25.3	0.25
F32	14 Nov 2023	99	12.33	89.88	5.1	33.44	7.8	25.3	0.24
F32	14 Nov 2023	100	12.33	90.28	5.1	33.46	7.8	25.3	0.24
F32	14 Nov 2023	101	12.32	90.16	5.0	33.48	7.8	25.3	0.23
F32	14 Nov 2023	102	12.30	89.34	5.1	33.46	7.8	25.3	0.24
F33	14 Nov 2023	1	18.38	91.87	7.8	33.30	8.2	23.9	0.23
F33	14 Nov 2023	2	18.27	91.80	7.8	33.30	8.2	23.9	0.24
F33	14 Nov 2023	3	18.24	91.66	7.8	33.30	8.2	23.9	0.24
F33	14 Nov 2023	4	18.23	91.63	7.8	33.30	8.2	23.9	0.26
F33	14 Nov 2023	5	18.20	91.60	7.9	33.30	8.2	23.9	0.26
F33	14 Nov 2023	6	18.17	91.57	7.9	33.29	8.2	23.9	0.27
F33	14 Nov 2023	7	18.15	91.54	7.9	33.29	8.2	23.9	0.30
F33	14 Nov 2023	8	18.13	91.47	7.9	33.30	8.2	23.9	0.32
F33	14 Nov 2023	9	18.12	91.46	7.9	33.30	8.2	23.9	0.33
F33	14 Nov 2023	10	18.10	91.49	7.9	33.30	8.2	23.9	0.35
F33	14 Nov 2023	11	18.07	91.43	7.9	33.29	8.2	23.9	0.38
F33	14 Nov 2023	12	17.84	91.41	8.0	33.26	8.2	24.0	0.38
F33	14 Nov 2023	13	17.59	91.44	8.1	33.23	8.2	24.0	0.39
F33	14 Nov 2023	14	17.46	91.49	8.1	33.22	8.2	24.0	0.42
F33	14 Nov 2023	15	17.33	91.47	8.1	33.21	8.2	24.1	0.45
F33	14 Nov 2023	16	17.23	91.51	8.2	33.20	8.2	24.1	0.45
F33	14 Nov 2023	17	17.16	91.57	8.2	33.19	8.2	24.1	0.47
F33	14 Nov 2023	18	17.09	91.58	8.2	33.19	8.2	24.1	0.50
F33	14 Nov 2023	19	17.01	91.60	8.3	33.18	8.2	24.1	0.53
F33	14 Nov 2023	20	16.93	91.60	8.2	33.18	8.2	24.1	0.56
F33	14 Nov 2023	21	16.79	91.57	8.2	33.17	8.2	24.2	0.59
F33	14 Nov 2023	22	16.66	91.60	8.3	33.17	8.2	24.2	0.65
F33	14 Nov 2023	23	16.52	91.53	8.3	33.17	8.2	24.2	0.68
F33	14 Nov 2023	24	16.40	91.51	8.3	33.16	8.2	24.2	0.71
F33	14 Nov 2023	25	16.30	91.46	8.3	33.16	8.2	24.3	0.74
F33	14 Nov 2023	26	16.24	91.45	8.3	33.15	8.2	24.3	0.75
F33	14 Nov 2023	27	16.22	91.44	8.4	33.15	8.2	24.3	0.77
F33	14 Nov 2023	28	16.21	91.41	8.3	33.15	8.2	24.3	0.79
F33	14 Nov 2023	29	16.19	91.45	8.3	33.15	8.2	24.3	0.79
F33	14 Nov 2023	30	16.16	91.45	8.3	33.15	8.1	24.3	0.80
F33	14 Nov 2023	31	15.98	91.46	8.2	33.13	8.1	24.3	0.80
F33	14 Nov 2023	32	15.37	91.48	8.3	33.12	8.1	24.4	0.86
F33	14 Nov 2023	33	15.07	91.45	8.3	33.11	8.1	24.5	1.03
F33	14 Nov 2023	34	14.71	91.34	8.3	33.11	8.1	24.6	1.39
F33	14 Nov 2023	35	14.47	91.04	8.3	33.12	8.1	24.6	1.71
F33	14 Nov 2023	36	14.35	90.47	8.3	33.12	8.1	24.7	1.98
F33	14 Nov 2023	37	14.24	90.01	8.2	33.12	8.1	24.7	2.06
F33	14 Nov 2023	38	14.11	89.91	8.1	33.13	8.1	24.7	1.98
F33	14 Nov 2023	39	14.03	90.18	8.0	33.14	8.1	24.7	1.89

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F33	14 Nov 2023	40	13.98	90.45	8.0	33.14	8.1	24.8	1.82
F33	14 Nov 2023	41	13.94	90.59	8.0	33.15	8.1	24.8	1.76
F33	14 Nov 2023	42	13.91	90.77	7.9	33.15	8.1	24.8	1.68
F33	14 Nov 2023	43	13.89	90.93	7.9	33.15	8.1	24.8	1.63
F33	14 Nov 2023	44	13.85	91.01	7.9	33.15	8.1	24.8	1.60
F33	14 Nov 2023	45	13.82	91.07	7.8	33.16	8.1	24.8	1.56
F33	14 Nov 2023	46	13.77	91.14	7.7	33.16	8.1	24.8	1.52
F33	14 Nov 2023	47	13.67	91.19	7.6	33.17	8.1	24.8	1.41
F33	14 Nov 2023	48	13.54	91.38	7.6	33.18	8.1	24.9	1.29
F33	14 Nov 2023	49	13.48	91.83	7.5	33.18	8.1	24.9	1.18
F33	14 Nov 2023	50	13.44	91.95	7.5	33.19	8.1	24.9	1.12
F33	14 Nov 2023	51	13.43	92.07	7.5	33.19	8.0	24.9	1.09
F33	14 Nov 2023	52	13.41	92.05	7.4	33.19	8.0	24.9	1.10
F33	14 Nov 2023	53	13.39	92.09	7.4	33.19	8.0	24.9	1.00
F33	14 Nov 2023	54	13.35	92.13	7.3	33.19	8.0	24.9	0.97
F33	14 Nov 2023	55	13.25	92.26	7.3	33.20	8.0	24.9	0.93
F33	14 Nov 2023	56	13.20	92.42	7.3	33.21	8.0	25.0	0.88
F33	14 Nov 2023	57	13.17	92.47	7.2	33.21	8.0	25.0	0.85
F33	14 Nov 2023	58	13.16	92.48	7.2	33.21	8.0	25.0	0.85
F33	14 Nov 2023	59	13.15	92.51	7.2	33.21	8.0	25.0	0.83
F33	14 Nov 2023	60	13.13	92.51	7.2	33.21	8.0	25.0	0.82
F33	14 Nov 2023	61	13.12	92.51	7.2	33.21	8.0	25.0	0.82
F33	14 Nov 2023	62	13.12	92.51	7.2	33.21	8.0	25.0	0.85
F33	14 Nov 2023	63	13.11	92.49	7.2	33.22	8.0	25.0	0.83
F33	14 Nov 2023	64	13.09	92.53	7.2	33.22	8.0	25.0	0.79
F33	14 Nov 2023	65	13.06	92.53	7.1	33.22	8.0	25.0	0.80
F33	14 Nov 2023	66	13.02	92.61	7.1	33.22	8.0	25.0	0.74
F33	14 Nov 2023	67	12.95	92.68	7.0	33.23	8.0	25.0	0.70
F33	14 Nov 2023	68	12.84	92.71	7.0	33.24	8.0	25.1	0.64
F33	14 Nov 2023	69	12.78	92.80	6.9	33.24	8.0	25.1	0.61
F33	14 Nov 2023	70	12.72	92.87	6.9	33.25	8.0	25.1	0.59
F33	14 Nov 2023	71	12.66	92.91	6.8	33.25	8.0	25.1	0.56
F33	14 Nov 2023	72	12.48	92.95	6.7	33.27	8.0	25.2	0.52
F33	14 Nov 2023	73	12.30	93.01	6.6	33.30	8.0	25.2	0.46
F33	14 Nov 2023	74	12.24	93.09	6.6	33.30	8.0	25.2	0.43
F33	14 Nov 2023	75	12.19	93.04	6.5	33.32	8.0	25.2	0.41
F33	14 Nov 2023	76	12.18	92.92	6.5	33.32	8.0	25.2	0.39
F33	14 Nov 2023	77	12.18	92.88	6.5	33.32	8.0	25.2	0.39
F33	14 Nov 2023	78	12.18	92.90	6.5	33.32	8.0	25.2	0.39
F33	14 Nov 2023	79	12.18	92.82	6.4	33.32	8.0	25.2	0.38
F33	14 Nov 2023	80	12.18	92.83	6.4	33.32	8.0	25.2	0.38
F33	14 Nov 2023	81	12.18	92.85	6.4	33.32	8.0	25.3	0.38
F33	14 Nov 2023	82	12.19	92.86	6.4	33.33	7.9	25.3	0.37
F33	14 Nov 2023	83	12.20	92.72	6.3	33.33	7.9	25.3	0.37
F33	14 Nov 2023	84	12.20	92.63	6.3	33.33	7.9	25.3	0.36
F33	14 Nov 2023	85	12.21	92.56	6.3	33.33	7.9	25.3	0.36
F33	14 Nov 2023	86	12.21	92.50	6.2	33.34	7.9	25.3	0.35
F33	14 Nov 2023	87	12.21	92.19	6.0	33.35	7.9	25.3	0.34
F33	14 Nov 2023	88	12.22	91.75	5.9	33.36	7.9	25.3	0.33
F33	14 Nov 2023	89	12.24	91.50	5.8	33.37	7.9	25.3	0.31
F33	14 Nov 2023	90	12.25	91.47	5.8	33.38	7.9	25.3	0.30
F33	14 Nov 2023	91	12.27	91.39	5.7	33.38	7.9	25.3	0.30
F33	14 Nov 2023	92	12.29	91.24	5.6	33.39	7.9	25.3	0.29
F33	14 Nov 2023	93	12.32	91.24	5.5	33.42	7.9	25.3	0.30
F33	14 Nov 2023	94	12.33	91.09	5.4	33.43	7.9	25.3	0.30
F33	14 Nov 2023	95	12.35	90.95	5.3	33.44	7.9	25.3	0.27
F33	14 Nov 2023	96	12.35	90.68	5.2	33.44	7.9	25.3	0.26
F33	14 Nov 2023	97	12.35	90.50	5.2	33.45	7.9	25.3	0.25
F33	14 Nov 2023	98	12.35	90.36	5.2	33.45	7.9	25.3	0.24
F33	14 Nov 2023	99	12.35	90.37	5.2	33.45	7.8	25.3	0.25
F33	14 Nov 2023	100	12.36	90.23	5.1	33.46	7.8	25.3	0.25

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F33	14 Nov 2023	101	12.36	90.08	5.0	33.46	7.8	25.3	0.23
F33	14 Nov 2023	102	12.35	89.73	5.0	33.48	7.8	25.3	0.23
F34	14 Nov 2023	1	17.95	91.13	7.9	33.29	8.2	24.0	0.29
F34	14 Nov 2023	2	17.88	91.14	7.9	33.29	8.2	24.0	0.29
F34	14 Nov 2023	3	17.86	91.11	8.0	33.29	8.2	24.0	0.30
F34	14 Nov 2023	4	17.83	91.04	8.0	33.29	8.2	24.0	0.31
F34	14 Nov 2023	5	17.82	91.01	8.0	33.28	8.2	24.0	0.33
F34	14 Nov 2023	6	17.81	90.99	8.0	33.28	8.2	24.0	0.33
F34	14 Nov 2023	7	17.79	90.96	8.0	33.28	8.2	24.0	0.35
F34	14 Nov 2023	8	17.77	90.91	8.0	33.28	8.2	24.0	0.38
F34	14 Nov 2023	9	17.76	90.91	8.0	33.27	8.2	24.0	0.41
F34	14 Nov 2023	10	17.74	90.91	8.0	33.27	8.2	24.0	0.43
F34	14 Nov 2023	11	17.72	90.94	8.0	33.27	8.2	24.0	0.41
F34	14 Nov 2023	12	17.71	90.89	8.0	33.27	8.2	24.0	0.44
F34	14 Nov 2023	13	17.69	90.85	8.0	33.27	8.2	24.0	0.46
F34	14 Nov 2023	14	17.62	90.89	8.1	33.25	8.2	24.0	0.46
F34	14 Nov 2023	15	17.50	90.89	8.1	33.23	8.2	24.0	0.48
F34	14 Nov 2023	16	17.36	90.88	8.2	33.21	8.2	24.1	0.51
F34	14 Nov 2023	17	17.31	90.90	8.3	33.20	8.2	24.1	0.53
F34	14 Nov 2023	18	17.26	90.91	8.3	33.20	8.2	24.1	0.54
F34	14 Nov 2023	19	17.23	90.99	8.3	33.20	8.2	24.1	0.58
F34	14 Nov 2023	20	17.22	91.12	8.3	33.20	8.2	24.1	0.62
F34	14 Nov 2023	21	17.21	91.14	8.3	33.20	8.2	24.1	0.65
F34	14 Nov 2023	22	17.18	91.13	8.3	33.20	8.2	24.1	0.64
F34	14 Nov 2023	23	17.16	91.16	8.3	33.19	8.2	24.1	0.66
F34	14 Nov 2023	24	17.11	91.17	8.3	33.19	8.2	24.1	0.69
F34	14 Nov 2023	25	17.04	91.21	8.3	33.19	8.2	24.1	0.71
F34	14 Nov 2023	26	16.95	91.22	8.2	33.19	8.2	24.1	0.73
F34	14 Nov 2023	27	16.87	91.29	8.3	33.19	8.2	24.2	0.76
F34	14 Nov 2023	28	16.71	91.33	8.3	33.18	8.2	24.2	0.78
F34	14 Nov 2023	29	16.54	91.34	8.2	33.17	8.2	24.2	0.80
F34	14 Nov 2023	30	16.11	91.37	8.2	33.16	8.1	24.3	0.85
F34	14 Nov 2023	31	15.73	91.30	8.3	33.14	8.1	24.4	0.90
F34	14 Nov 2023	32	15.49	91.30	8.3	33.13	8.1	24.4	0.94
F34	14 Nov 2023	33	15.40	91.30	8.3	33.13	8.1	24.4	0.96
F34	14 Nov 2023	34	15.27	91.29	8.2	33.12	8.1	24.5	1.00
F34	14 Nov 2023	35	14.94	91.30	8.3	33.11	8.1	24.5	1.20
F34	14 Nov 2023	36	14.61	91.14	8.3	33.12	8.1	24.6	1.53
F34	14 Nov 2023	37	14.51	90.76	8.3	33.12	8.1	24.6	1.73
F34	14 Nov 2023	38	14.48	90.37	8.3	33.12	8.1	24.6	1.88
F34	14 Nov 2023	39	14.39	90.26	8.3	33.12	8.1	24.7	1.95
F34	14 Nov 2023	40	14.31	90.19	8.3	33.12	8.1	24.7	1.95
F34	14 Nov 2023	41	14.22	90.15	8.2	33.13	8.1	24.7	1.98
F34	14 Nov 2023	42	14.16	90.14	8.1	33.13	8.1	24.7	1.98
F34	14 Nov 2023	43	14.03	90.23	8.0	33.14	8.1	24.7	1.82
F34	14 Nov 2023	44	13.95	90.47	7.8	33.15	8.1	24.8	1.71
F34	14 Nov 2023	45	13.88	90.80	7.8	33.15	8.1	24.8	1.61
F34	14 Nov 2023	46	13.74	91.02	7.7	33.16	8.1	24.8	1.49
F34	14 Nov 2023	47	13.61	91.31	7.6	33.17	8.1	24.9	1.39
F34	14 Nov 2023	48	13.56	91.69	7.5	33.18	8.1	24.9	1.27
F34	14 Nov 2023	49	13.52	91.98	7.5	33.18	8.1	24.9	1.21
F34	14 Nov 2023	50	13.51	92.09	7.5	33.18	8.1	24.9	1.14
F34	14 Nov 2023	51	13.49	92.12	7.5	33.19	8.1	24.9	1.10
F34	14 Nov 2023	52	13.48	92.18	7.5	33.19	8.1	24.9	1.08
F34	14 Nov 2023	53	13.42	92.23	7.4	33.19	8.0	24.9	1.04
F34	14 Nov 2023	54	13.34	92.24	7.4	33.20	8.0	24.9	0.96
F34	14 Nov 2023	55	13.31	92.33	7.3	33.20	8.0	24.9	0.92
F34	14 Nov 2023	56	13.26	92.41	7.3	33.20	8.0	24.9	0.91
F34	14 Nov 2023	57	13.24	92.50	7.3	33.21	8.0	25.0	0.89
F34	14 Nov 2023	58	13.21	92.52	7.2	33.21	8.0	25.0	0.84

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F34	14 Nov 2023	59	13.18	92.55	7.2	33.21	8.0	25.0	0.83
F34	14 Nov 2023	60	13.14	92.60	7.2	33.22	8.0	25.0	0.83
F34	14 Nov 2023	61	13.09	92.61	7.2	33.22	8.0	25.0	0.78
F34	14 Nov 2023	62	13.06	92.66	7.2	33.22	8.0	25.0	0.77
F34	14 Nov 2023	63	13.04	92.68	7.1	33.23	8.0	25.0	0.79
F34	14 Nov 2023	64	13.01	92.70	7.1	33.23	8.0	25.0	0.76
F34	14 Nov 2023	65	12.98	92.75	7.1	33.23	8.0	25.0	0.73
F34	14 Nov 2023	66	12.94	92.77	7.0	33.23	8.0	25.0	0.74
F34	14 Nov 2023	67	12.88	92.79	7.0	33.23	8.0	25.0	0.68
F34	14 Nov 2023	68	12.76	92.85	6.9	33.24	8.0	25.1	0.63
F34	14 Nov 2023	69	12.60	92.89	6.8	33.26	8.0	25.1	0.58
F34	14 Nov 2023	70	12.45	92.94	6.8	33.27	8.0	25.2	0.53
F34	14 Nov 2023	71	12.39	93.05	6.8	33.27	8.0	25.2	0.50
F34	14 Nov 2023	72	12.37	93.10	6.8	33.28	8.0	25.2	0.48
F34	14 Nov 2023	73	12.36	93.13	6.8	33.27	8.0	25.2	0.48
F34	14 Nov 2023	74	12.33	93.15	6.8	33.27	8.0	25.2	0.47
F34	14 Nov 2023	75	12.25	93.14	6.7	33.28	8.0	25.2	0.47
F34	14 Nov 2023	76	12.18	93.18	6.7	33.29	8.0	25.2	0.43
F34	14 Nov 2023	77	12.18	93.19	6.7	33.30	8.0	25.2	0.42
F34	14 Nov 2023	78	12.17	93.18	6.6	33.30	8.0	25.2	0.41
F34	14 Nov 2023	79	12.17	93.20	6.6	33.30	8.0	25.2	0.40
F34	14 Nov 2023	80	12.20	93.18	6.5	33.32	8.0	25.2	0.40
F34	14 Nov 2023	81	12.21	93.11	6.4	33.34	8.0	25.3	0.38
F34	14 Nov 2023	82	12.23	92.92	6.2	33.35	7.9	25.3	0.36
F34	14 Nov 2023	83	12.28	92.77	6.1	33.38	7.9	25.3	0.36
F34	14 Nov 2023	84	12.30	92.52	6.0	33.38	7.9	25.3	0.34
F34	14 Nov 2023	85	12.31	92.38	5.9	33.38	7.9	25.3	0.33
F34	14 Nov 2023	86	12.32	92.35	5.9	33.39	7.9	25.3	0.33
F34	14 Nov 2023	87	12.35	92.23	5.8	33.40	7.9	25.3	0.32
F34	14 Nov 2023	88	12.36	92.11	5.7	33.41	7.9	25.3	0.31
F34	14 Nov 2023	89	12.35	92.05	5.7	33.41	7.9	25.3	0.30
F34	14 Nov 2023	90	12.35	92.08	5.7	33.41	7.9	25.3	0.30
F34	14 Nov 2023	91	12.36	92.05	5.6	33.41	7.9	25.3	0.29
F34	14 Nov 2023	92	12.38	92.03	5.5	33.43	7.9	25.3	0.29
F34	14 Nov 2023	93	12.42	92.02	5.4	33.44	7.9	25.3	0.28
F34	14 Nov 2023	94	12.41	91.88	5.2	33.44	7.9	25.3	0.26
F34	14 Nov 2023	95	12.41	91.79	5.1	33.45	7.9	25.3	0.24
F34	14 Nov 2023	96	12.40	91.58	5.0	33.47	7.8	25.3	0.22
F34	14 Nov 2023	97	12.38	91.23	4.9	33.49	7.8	25.3	0.21
F34	14 Nov 2023	98	12.38	90.72	4.8	33.49	7.8	25.3	0.20
F34	14 Nov 2023	99	12.37	90.58	4.8	33.49	7.8	25.3	0.21
F34	14 Nov 2023	100	12.37	90.46	4.8	33.49	7.8	25.4	0.20
F34	14 Nov 2023	101	12.37	90.09	4.8	33.50	7.8	25.4	0.20
F35	14 Nov 2023	1	17.27	90.35	8.2	33.21	8.2	24.1	0.33
F35	14 Nov 2023	2	17.23	90.28	8.2	33.21	8.2	24.1	0.32
F35	14 Nov 2023	3	17.22	90.38	8.2	33.21	8.2	24.1	0.33
F35	14 Nov 2023	4	17.22	90.41	8.2	33.21	8.2	24.1	0.33
F35	14 Nov 2023	5	17.21	90.47	8.2	33.21	8.2	24.1	0.33
F35	14 Nov 2023	6	17.21	90.53	8.2	33.21	8.2	24.1	0.34
F35	14 Nov 2023	7	17.20	90.59	8.2	33.21	8.2	24.1	0.35
F35	14 Nov 2023	8	17.20	90.64	8.2	33.21	8.2	24.1	0.36
F35	14 Nov 2023	9	17.20	90.68	8.2	33.21	8.2	24.1	0.38
F35	14 Nov 2023	10	17.20	90.70	8.3	33.21	8.2	24.1	0.39
F35	14 Nov 2023	11	17.20	90.79	8.3	33.21	8.2	24.1	0.42
F35	14 Nov 2023	12	17.19	90.79	8.3	33.21	8.2	24.1	0.42
F35	14 Nov 2023	13	17.19	90.77	8.2	33.21	8.2	24.1	0.43
F35	14 Nov 2023	14	17.19	90.80	8.2	33.21	8.2	24.1	0.45
F35	14 Nov 2023	15	17.19	90.86	8.2	33.21	8.2	24.1	0.46
F35	14 Nov 2023	16	17.14	90.96	8.2	33.20	8.2	24.1	0.46
F35	14 Nov 2023	17	17.08	91.21	8.2	33.20	8.2	24.1	0.44

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F35	14 Nov 2023	18	17.03	91.52	8.3	33.20	8.2	24.1	0.45
F35	14 Nov 2023	19	17.00	91.61	8.3	33.20	8.2	24.1	0.45
F35	14 Nov 2023	20	16.95	91.67	8.3	33.19	8.2	24.1	0.48
F35	14 Nov 2023	21	16.91	91.70	8.3	33.19	8.2	24.1	0.50
F35	14 Nov 2023	22	16.85	91.61	8.3	33.19	8.2	24.2	0.51
F35	14 Nov 2023	23	16.82	91.64	8.3	33.19	8.1	24.2	0.53
F35	14 Nov 2023	24	16.77	91.69	8.3	33.18	8.1	24.2	0.54
F35	14 Nov 2023	25	16.74	91.69	8.3	33.18	8.1	24.2	0.56
F35	14 Nov 2023	26	16.69	91.68	8.3	33.18	8.1	24.2	0.57
F35	14 Nov 2023	27	16.57	91.72	8.3	33.17	8.1	24.2	0.59
F35	14 Nov 2023	28	16.41	91.60	8.2	33.16	8.1	24.2	0.63
F35	14 Nov 2023	29	16.02	91.54	8.3	33.15	8.1	24.3	0.72
F35	14 Nov 2023	30	15.85	91.44	8.3	33.15	8.1	24.4	0.76
F35	14 Nov 2023	31	15.80	91.28	8.4	33.15	8.1	24.4	0.82
F35	14 Nov 2023	32	15.71	91.21	8.3	33.14	8.1	24.4	0.88
F35	14 Nov 2023	33	15.51	91.10	8.4	33.13	8.1	24.4	0.95
F35	14 Nov 2023	34	15.31	90.96	8.4	33.13	8.1	24.5	1.10
F35	14 Nov 2023	35	15.19	90.83	8.4	33.13	8.1	24.5	1.24
F35	14 Nov 2023	36	15.13	90.63	8.4	33.12	8.1	24.5	1.27
F35	14 Nov 2023	37	15.05	90.46	8.4	33.12	8.1	24.5	1.31
F35	14 Nov 2023	38	14.82	90.43	8.4	33.11	8.1	24.6	1.44
F35	14 Nov 2023	39	14.57	90.36	8.4	33.12	8.1	24.6	1.78
F35	14 Nov 2023	40	14.48	90.14	8.3	33.12	8.1	24.6	2.13
F35	14 Nov 2023	41	14.34	89.61	8.1	33.13	8.1	24.7	2.25
F35	14 Nov 2023	42	14.23	89.36	8.0	33.13	8.1	24.7	2.15
F35	14 Nov 2023	43	14.10	89.67	7.9	33.14	8.1	24.7	2.00
F35	14 Nov 2023	44	14.02	89.97	7.9	33.15	8.1	24.8	1.83
F35	14 Nov 2023	45	13.97	90.63	7.8	33.15	8.1	24.8	1.72
F35	14 Nov 2023	46	13.91	90.93	7.8	33.15	8.1	24.8	1.62
F35	14 Nov 2023	47	13.84	91.11	7.7	33.16	8.1	24.8	1.52
F35	14 Nov 2023	48	13.77	91.34	7.7	33.16	8.1	24.8	1.48
F35	14 Nov 2023	49	13.75	91.52	7.7	33.16	8.1	24.8	1.42
F35	14 Nov 2023	50	13.75	91.64	7.7	33.16	8.1	24.8	1.40
F35	14 Nov 2023	51	13.70	91.65	7.6	33.17	8.1	24.8	1.35
F35	14 Nov 2023	52	13.59	91.67	7.6	33.17	8.1	24.9	1.26
F35	14 Nov 2023	53	13.51	91.81	7.5	33.17	8.1	24.9	1.17
F35	14 Nov 2023	54	13.45	92.00	7.5	33.18	8.0	24.9	1.08
F35	14 Nov 2023	55	13.37	92.16	7.4	33.18	8.0	24.9	1.01
F35	14 Nov 2023	56	13.28	92.32	7.4	33.19	8.0	24.9	0.95
F35	14 Nov 2023	57	13.22	92.41	7.3	33.20	8.0	25.0	0.89
F35	14 Nov 2023	58	13.18	92.53	7.3	33.21	8.0	25.0	0.86
F35	14 Nov 2023	59	13.15	92.58	7.2	33.21	8.0	25.0	0.83
F35	14 Nov 2023	60	13.10	92.57	7.2	33.22	8.0	25.0	0.82
F35	14 Nov 2023	61	13.06	92.62	7.2	33.22	8.0	25.0	0.80
F35	14 Nov 2023	62	13.03	92.67	7.1	33.22	8.0	25.0	0.75
F35	14 Nov 2023	63	12.97	92.70	7.1	33.22	8.0	25.0	0.73
F35	14 Nov 2023	64	12.92	92.70	7.1	33.23	8.0	25.0	0.70
F35	14 Nov 2023	65	12.89	92.76	7.1	33.23	8.0	25.0	0.67
F35	14 Nov 2023	66	12.85	92.80	7.0	33.23	8.0	25.1	0.65
F35	14 Nov 2023	67	12.81	92.82	7.0	33.24	8.0	25.1	0.65
F35	14 Nov 2023	68	12.80	92.86	7.0	33.24	8.0	25.1	0.62
F35	14 Nov 2023	69	12.78	92.90	7.0	33.24	8.0	25.1	0.62
F35	14 Nov 2023	70	12.70	92.90	6.9	33.24	8.0	25.1	0.58
F35	14 Nov 2023	71	12.57	92.83	6.9	33.26	8.0	25.1	0.56
F35	14 Nov 2023	72	12.48	92.99	6.8	33.27	8.0	25.1	0.53
F35	14 Nov 2023	73	12.48	93.02	6.6	33.29	8.0	25.2	0.49
F35	14 Nov 2023	74	12.49	92.96	6.5	33.30	8.0	25.2	0.46
F35	14 Nov 2023	75	12.51	92.85	6.4	33.31	8.0	25.2	0.44
F35	14 Nov 2023	76	12.52	92.71	6.3	33.32	8.0	25.2	0.42
F35	14 Nov 2023	77	12.54	92.60	6.2	33.33	7.9	25.2	0.41
F35	14 Nov 2023	78	12.57	92.56	6.2	33.34	7.9	25.2	0.39

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F35	14 Nov 2023	79	12.61	92.48	6.0	33.36	7.9	25.2	0.39
F35	14 Nov 2023	80	12.68	92.34	5.8	33.39	7.9	25.2	0.36
F35	14 Nov 2023	81	12.74	92.31	5.6	33.42	7.9	25.2	0.33
F35	14 Nov 2023	82	12.76	92.21	5.4	33.44	7.9	25.2	0.31
F35	14 Nov 2023	83	12.75	92.06	5.4	33.44	7.9	25.2	0.29
F35	14 Nov 2023	84	12.71	91.96	5.3	33.43	7.9	25.2	0.29
F35	14 Nov 2023	85	12.66	91.97	5.3	33.42	7.9	25.2	0.27
F35	14 Nov 2023	86	12.38	91.89	5.4	33.38	7.9	25.3	0.26
F35	14 Nov 2023	87	12.23	91.77	5.4	33.38	7.9	25.3	0.24
F35	14 Nov 2023	88	12.30	91.42	5.2	33.40	7.9	25.3	0.24
F35	14 Nov 2023	89	12.28	90.37	5.2	33.41	7.9	25.3	0.23
F35	14 Nov 2023	90	12.28	89.83	5.2	33.42	7.9	25.3	0.23
F35	14 Nov 2023	91	12.28	89.95	5.2	33.43	7.9	25.3	0.23
F35	14 Nov 2023	92	12.32	90.10	5.2	33.45	7.9	25.3	0.23
F35	14 Nov 2023	93	12.31	90.90	5.2	33.45	7.9	25.3	0.23
F35	14 Nov 2023	94	12.30	91.24	5.1	33.45	7.9	25.3	0.23
F35	14 Nov 2023	95	12.24	91.04	5.0	33.44	7.8	25.3	0.21
F35	14 Nov 2023	96	12.24	90.48	4.9	33.45	7.8	25.3	0.20
F35	14 Nov 2023	97	12.26	90.33	4.9	33.47	7.8	25.3	0.20
F35	14 Nov 2023	98	12.32	90.80	4.9	33.51	7.8	25.4	0.20
F35	14 Nov 2023	99	12.33	90.71	4.9	33.53	7.8	25.4	0.21
F35	14 Nov 2023	100	12.33	90.01	4.8	33.53	7.8	25.4	0.21
F35	14 Nov 2023	101	12.32	88.59	4.8	33.52	7.8	25.4	0.21
F36	14 Nov 2023	1	17.27	91.10	8.2	33.21	8.1	24.1	0.30
F36	14 Nov 2023	2	17.24	90.95	8.2	33.21	8.1	24.1	0.31
F36	14 Nov 2023	3	17.23	90.98	8.2	33.21	8.1	24.1	0.33
F36	14 Nov 2023	4	17.22	90.85	8.2	33.21	8.1	24.1	0.34
F36	14 Nov 2023	5	17.21	90.45	8.2	33.21	8.1	24.1	0.37
F36	14 Nov 2023	6	17.21	90.95	8.2	33.21	8.1	24.1	0.37
F36	14 Nov 2023	7	17.20	91.13	8.2	33.21	8.1	24.1	0.38
F36	14 Nov 2023	8	17.19	91.13	8.2	33.21	8.1	24.1	0.38
F36	14 Nov 2023	9	17.18	91.15	8.2	33.21	8.1	24.1	0.39
F36	14 Nov 2023	10	17.18	91.23	8.2	33.21	8.1	24.1	0.40
F36	14 Nov 2023	11	17.17	91.31	8.2	33.21	8.1	24.1	0.42
F36	14 Nov 2023	12	17.17	91.29	8.2	33.21	8.1	24.1	0.42
F36	14 Nov 2023	13	17.16	91.38	8.2	33.21	8.1	24.1	0.42
F36	14 Nov 2023	14	17.15	91.45	8.2	33.21	8.1	24.1	0.44
F36	14 Nov 2023	15	17.14	91.49	8.2	33.21	8.1	24.1	0.44
F36	14 Nov 2023	16	17.11	91.45	8.2	33.21	8.1	24.1	0.44
F36	14 Nov 2023	17	17.06	91.64	8.2	33.20	8.1	24.1	0.45
F36	14 Nov 2023	18	17.04	91.83	8.2	33.20	8.1	24.1	0.42
F36	14 Nov 2023	19	17.02	91.90	8.3	33.20	8.1	24.1	0.46
F36	14 Nov 2023	20	16.98	91.90	8.3	33.20	8.1	24.1	0.48
F36	14 Nov 2023	21	16.89	91.83	8.3	33.19	8.1	24.1	0.53
F36	14 Nov 2023	22	16.79	91.77	8.3	33.18	8.1	24.2	0.53
F36	14 Nov 2023	23	16.76	91.78	8.3	33.18	8.1	24.2	0.54
F36	14 Nov 2023	24	16.69	91.76	8.3	33.18	8.1	24.2	0.56
F36	14 Nov 2023	25	16.56	91.74	8.2	33.17	8.1	24.2	0.58
F36	14 Nov 2023	26	16.21	91.73	8.2	33.15	8.1	24.3	0.62
F36	14 Nov 2023	27	15.63	91.75	8.3	33.14	8.1	24.4	0.70
F36	14 Nov 2023	28	15.36	91.63	8.3	33.13	8.1	24.4	0.85
F36	14 Nov 2023	29	15.18	91.15	8.4	33.12	8.1	24.5	1.01
F36	14 Nov 2023	30	15.15	90.60	8.4	33.12	8.1	24.5	1.10
F36	14 Nov 2023	31	15.12	90.52	8.5	33.12	8.1	24.5	1.15
F36	14 Nov 2023	32	15.09	90.41	8.4	33.12	8.1	24.5	1.21
F36	14 Nov 2023	33	15.07	90.28	8.4	33.12	8.1	24.5	1.25
F36	14 Nov 2023	34	15.03	90.25	8.4	33.12	8.1	24.5	1.30
F36	14 Nov 2023	35	14.95	90.21	8.4	33.11	8.1	24.5	1.43
F36	14 Nov 2023	36	14.73	90.06	8.4	33.12	8.1	24.6	1.74
F36	14 Nov 2023	37	14.70	89.64	8.4	33.12	8.1	24.6	1.97

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F36	14 Nov 2023	38	14.67	89.40	8.3	33.12	8.1	24.6	2.14
F36	14 Nov 2023	39	14.55	89.28	8.2	33.13	8.1	24.6	2.30
F36	14 Nov 2023	40	14.47	89.23	8.2	33.14	8.1	24.6	2.39
F36	14 Nov 2023	41	14.46	89.08	8.2	33.14	8.1	24.7	2.42
F36	14 Nov 2023	42	14.46	89.09	8.2	33.14	8.1	24.7	2.44
F36	14 Nov 2023	43	14.45	89.08	8.2	33.14	8.1	24.7	2.43
F36	14 Nov 2023	44	14.43	89.05	8.2	33.14	8.1	24.7	2.39
F36	14 Nov 2023	45	14.36	89.13	8.1	33.14	8.1	24.7	2.28
F36	14 Nov 2023	46	14.29	89.06	8.0	33.15	8.1	24.7	2.15
F36	14 Nov 2023	47	14.19	89.65	8.0	33.15	8.1	24.7	2.05
F36	14 Nov 2023	48	14.16	90.18	7.9	33.15	8.1	24.7	1.91
F36	14 Nov 2023	49	14.09	90.40	7.8	33.15	8.1	24.7	1.81
F36	14 Nov 2023	50	13.96	90.74	7.8	33.16	8.1	24.8	1.65
F36	14 Nov 2023	51	13.93	91.09	7.7	33.16	8.1	24.8	1.53
F36	14 Nov 2023	52	13.88	91.26	7.7	33.16	8.1	24.8	1.50
F36	14 Nov 2023	53	13.85	91.41	7.7	33.16	8.1	24.8	1.42
F36	14 Nov 2023	54	13.72	91.44	7.6	33.17	8.1	24.8	1.33
F36	14 Nov 2023	55	13.64	91.76	7.5	33.17	8.0	24.9	1.20
F36	14 Nov 2023	56	13.52	91.93	7.5	33.18	8.0	24.9	1.08
F36	14 Nov 2023	57	13.43	92.15	7.4	33.18	8.0	24.9	1.05
F36	14 Nov 2023	58	13.38	92.37	7.4	33.19	8.0	24.9	0.98
F36	14 Nov 2023	59	13.26	92.40	7.3	33.19	8.0	24.9	0.93
F36	14 Nov 2023	60	13.17	92.46	7.3	33.19	8.0	25.0	0.87
F36	14 Nov 2023	61	13.08	92.58	7.3	33.20	8.0	25.0	0.82
F36	14 Nov 2023	62	13.03	92.65	7.2	33.20	8.0	25.0	0.78
F36	14 Nov 2023	63	13.01	92.74	7.2	33.20	8.0	25.0	0.75
F36	14 Nov 2023	64	12.98	92.77	7.2	33.21	8.0	25.0	0.73
F36	14 Nov 2023	65	12.91	92.75	7.2	33.20	8.0	25.0	0.71
F36	14 Nov 2023	66	12.86	92.76	7.2	33.20	8.0	25.0	0.68
F36	14 Nov 2023	67	12.83	92.84	7.2	33.21	8.0	25.0	0.69
F36	14 Nov 2023	68	12.81	92.90	7.2	33.21	8.0	25.0	0.68
F36	14 Nov 2023	69	12.80	92.89	7.1	33.21	8.0	25.0	0.67
F36	14 Nov 2023	70	12.77	92.90	7.1	33.21	8.0	25.1	0.66
F36	14 Nov 2023	71	12.74	92.93	7.0	33.23	8.0	25.1	0.62
F36	14 Nov 2023	72	12.70	92.93	7.0	33.24	8.0	25.1	0.61
F36	14 Nov 2023	73	12.69	92.97	7.0	33.24	8.0	25.1	0.60
F36	14 Nov 2023	74	12.65	93.00	6.9	33.25	8.0	25.1	0.57
F36	14 Nov 2023	75	12.57	92.89	6.8	33.26	8.0	25.1	0.54
F36	14 Nov 2023	76	12.54	92.95	6.8	33.26	8.0	25.1	0.53
F36	14 Nov 2023	77	12.52	92.92	6.7	33.27	8.0	25.1	0.51
F36	14 Nov 2023	78	12.47	92.82	6.6	33.28	8.0	25.2	0.47
F36	14 Nov 2023	79	12.48	92.71	6.3	33.31	8.0	25.2	0.43
F36	14 Nov 2023	80	12.52	92.50	6.0	33.34	7.9	25.2	0.37
F36	14 Nov 2023	81	12.53	92.13	5.8	33.34	7.9	25.2	0.34
F36	14 Nov 2023	82	12.54	92.01	5.6	33.35	7.9	25.2	0.31
F36	14 Nov 2023	83	12.53	91.83	5.5	33.37	7.9	25.2	0.28
F36	14 Nov 2023	84	12.39	91.75	5.7	33.36	7.9	25.2	0.28
F36	14 Nov 2023	85	12.37	92.01	5.8	33.37	7.9	25.2	0.27
F36	14 Nov 2023	86	12.34	92.22	5.8	33.37	7.9	25.3	0.27
F36	14 Nov 2023	87	12.33	92.29	5.8	33.37	7.9	25.3	0.28
F36	14 Nov 2023	88	12.28	92.28	5.8	33.37	7.9	25.3	0.27
F36	14 Nov 2023	89	12.16	92.41	6.0	33.36	7.9	25.3	0.30
F36	14 Nov 2023	90	12.18	92.63	5.9	33.40	7.9	25.3	0.31
F36	14 Nov 2023	91	12.20	92.78	5.7	33.41	7.9	25.3	0.30
F36	14 Nov 2023	92	12.24	92.69	5.5	33.44	7.9	25.3	0.27
F36	14 Nov 2023	93	12.32	92.56	5.3	33.46	7.9	25.3	0.26
F36	14 Nov 2023	94	12.31	92.34	5.2	33.47	7.9	25.3	0.25
F36	14 Nov 2023	95	12.35	92.30	5.1	33.49	7.8	25.3	0.24
F36	14 Nov 2023	96	12.37	92.27	5.0	33.50	7.8	25.4	0.24
F36	14 Nov 2023	97	12.41	91.96	4.9	33.52	7.8	25.4	0.23
F36	14 Nov 2023	98	12.47	91.68	4.8	33.54	7.8	25.4	0.23

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F36	14 Nov 2023	99	12.46	90.95	4.6	33.57	7.8	25.4	0.23
F36	14 Nov 2023	100	12.43	90.01	4.5	33.59	7.8	25.4	0.22
F36	14 Nov 2023	101	12.43	89.19	4.7	33.56	7.8	25.4	0.22

NA = not available

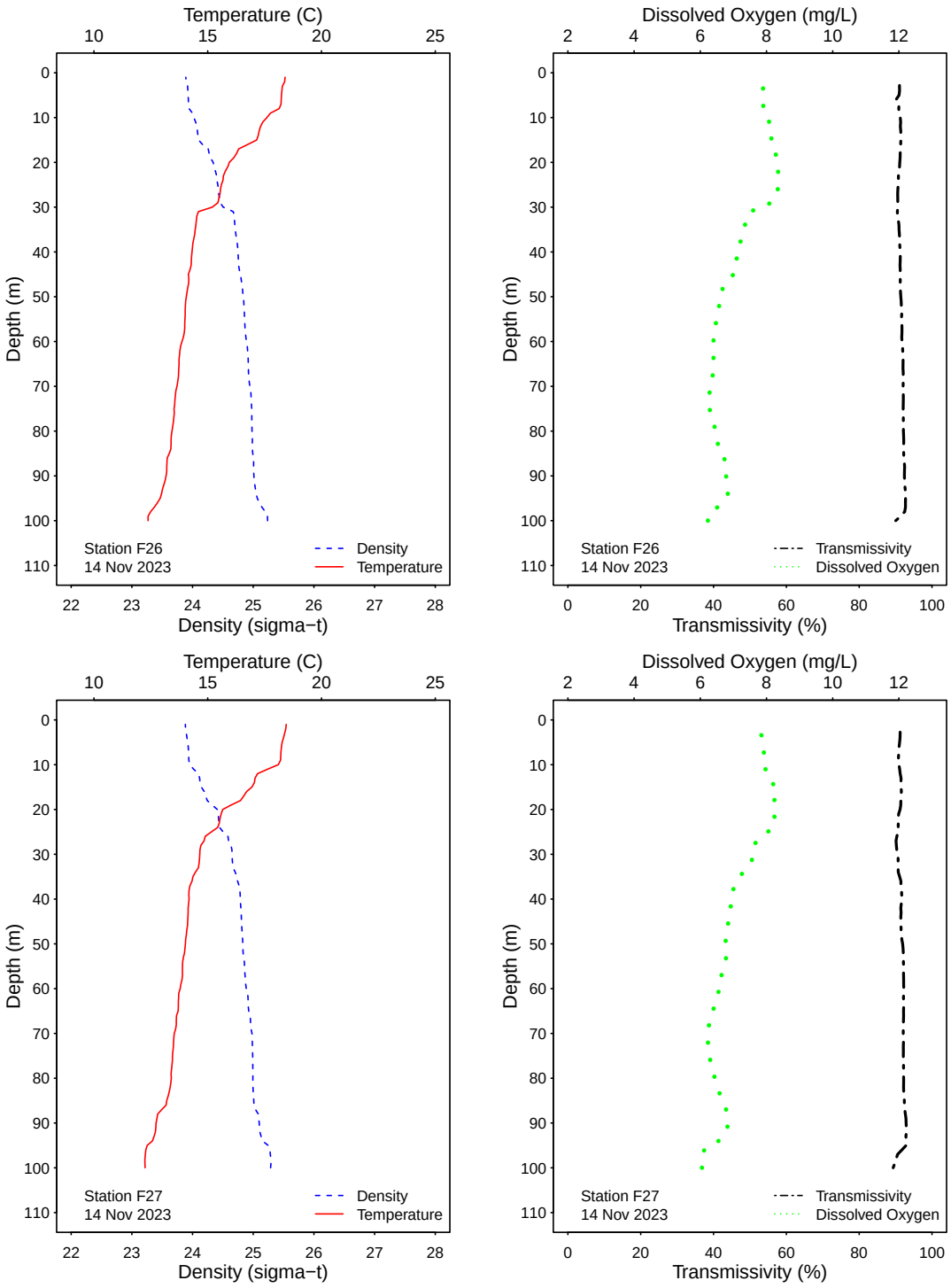

Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

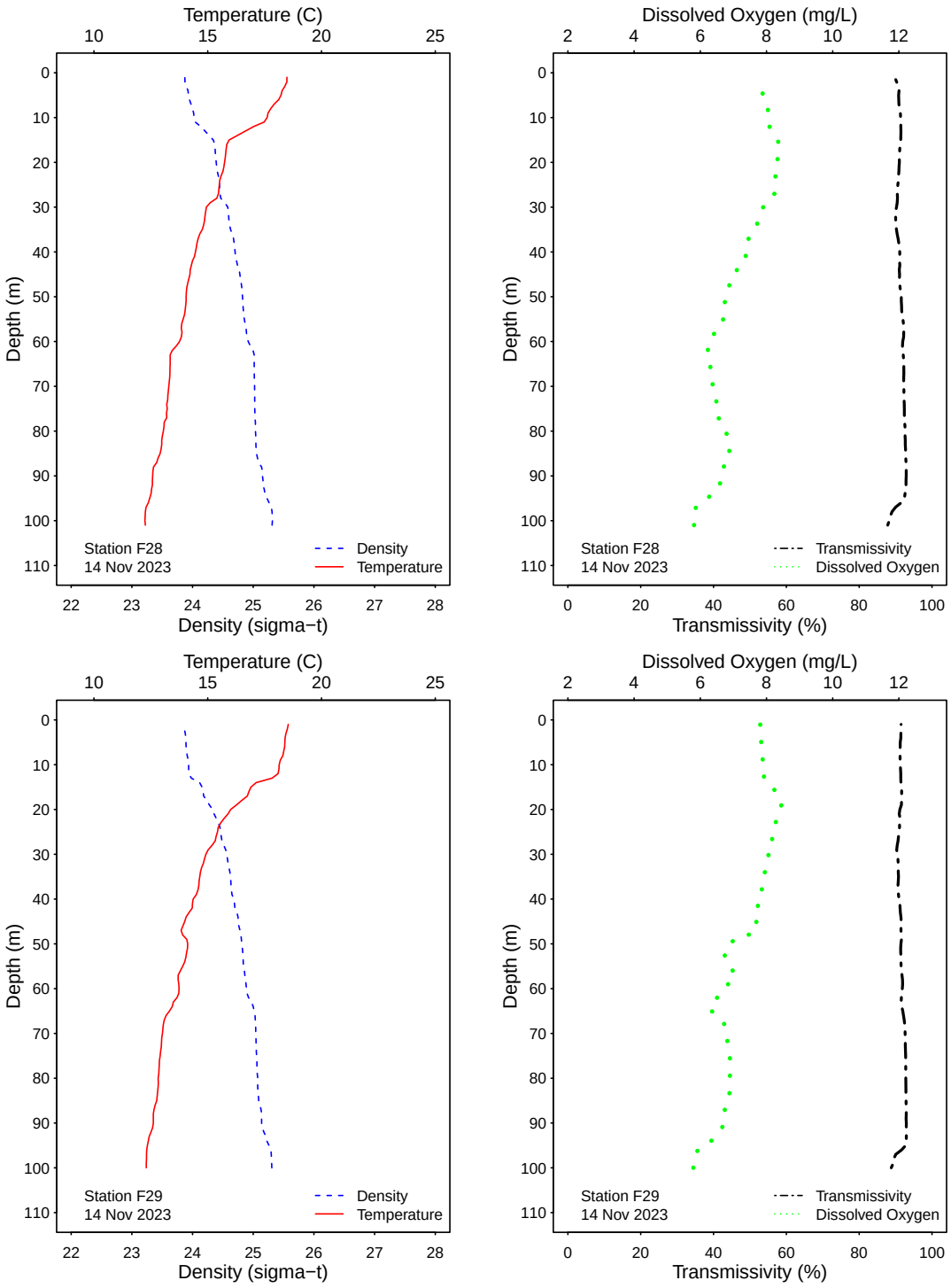

Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

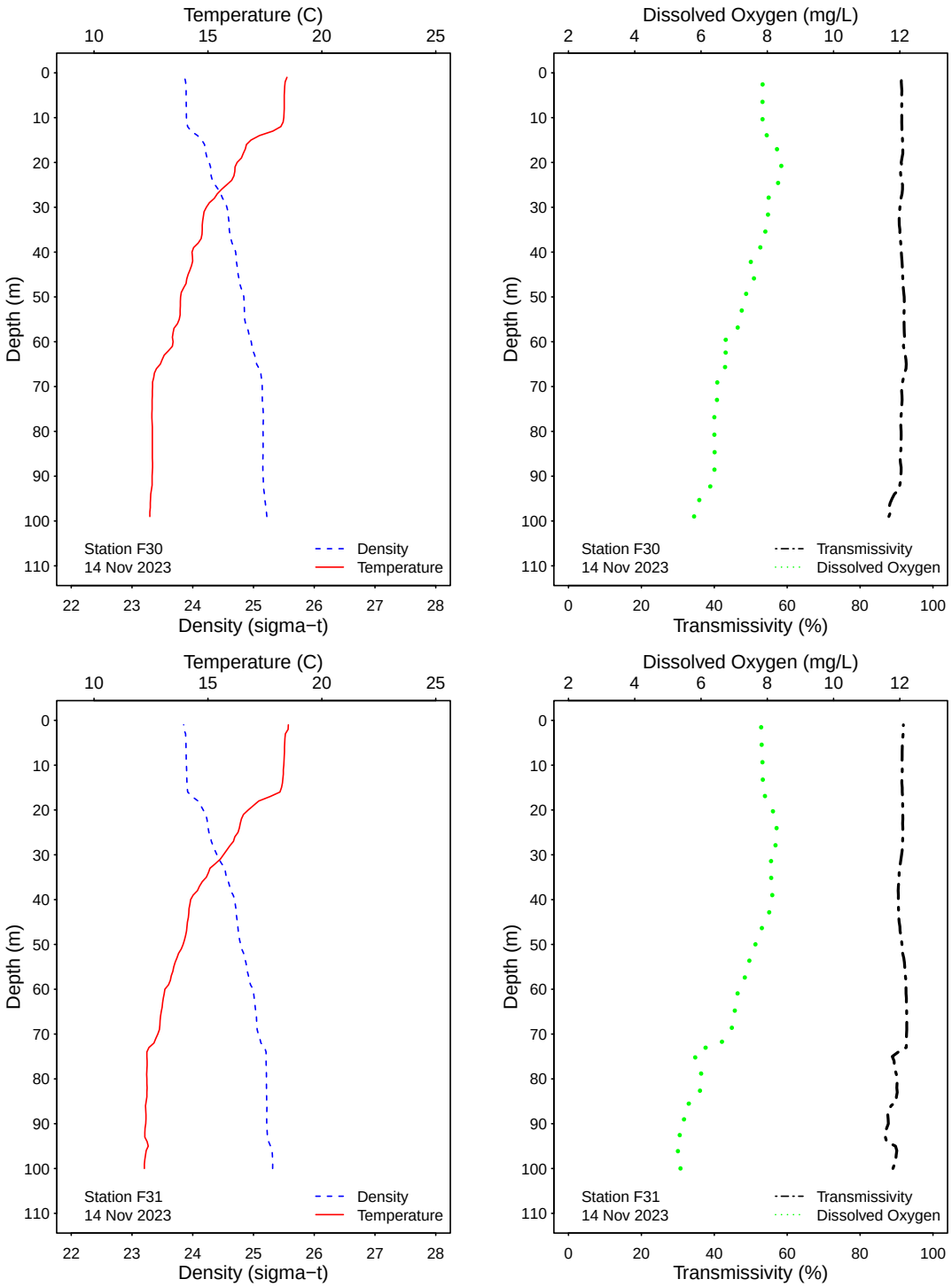

Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

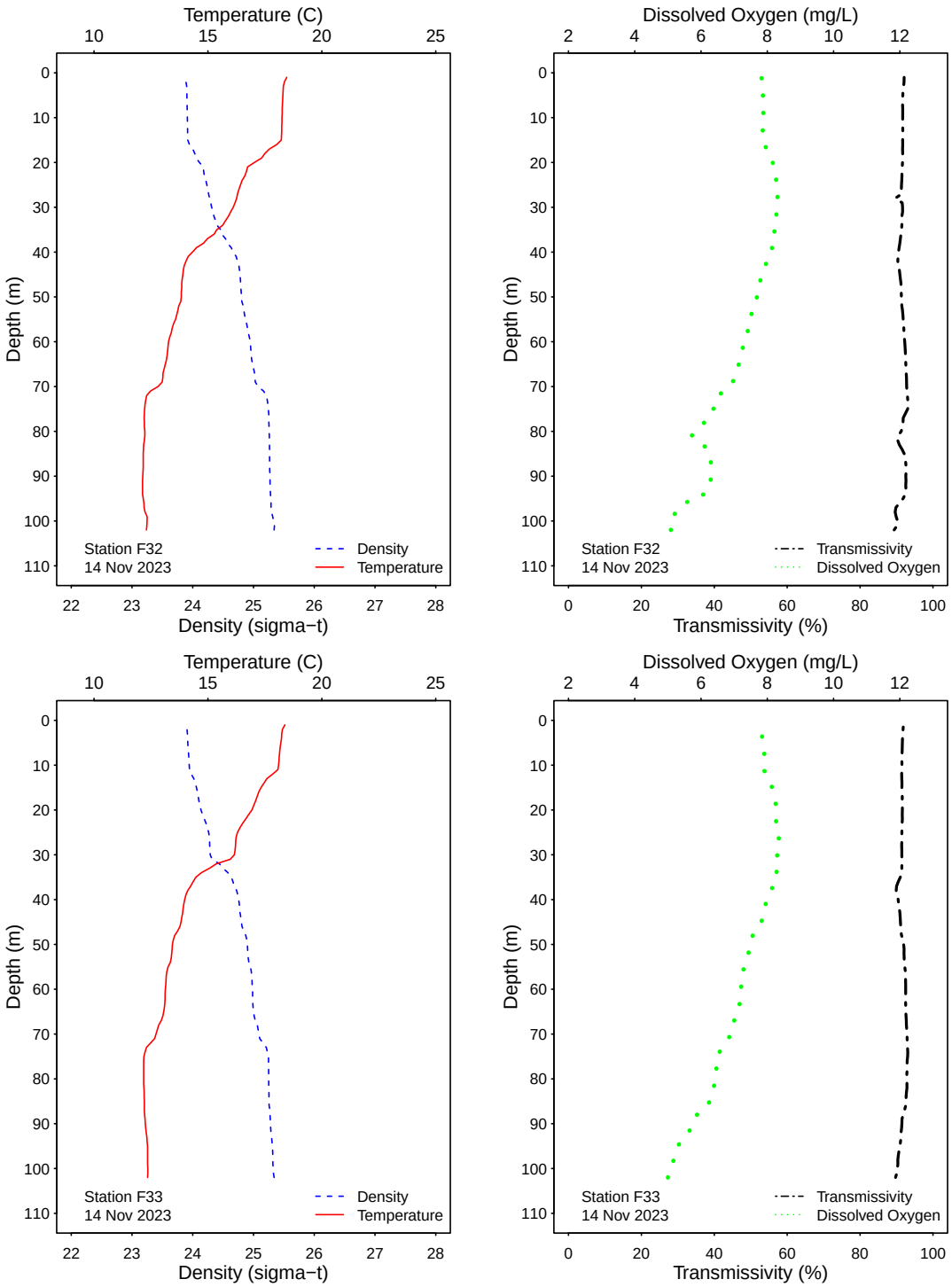

Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

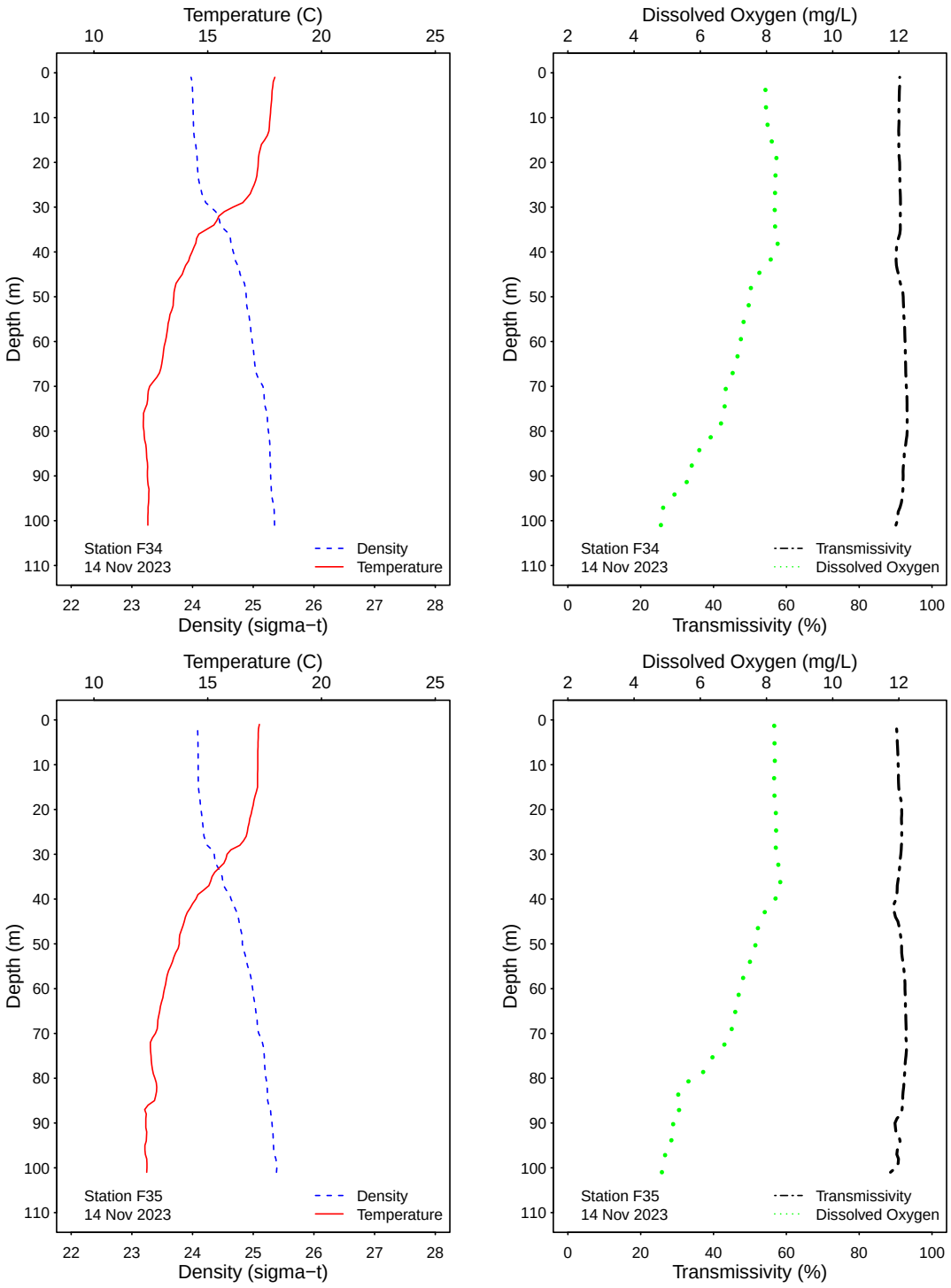

Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

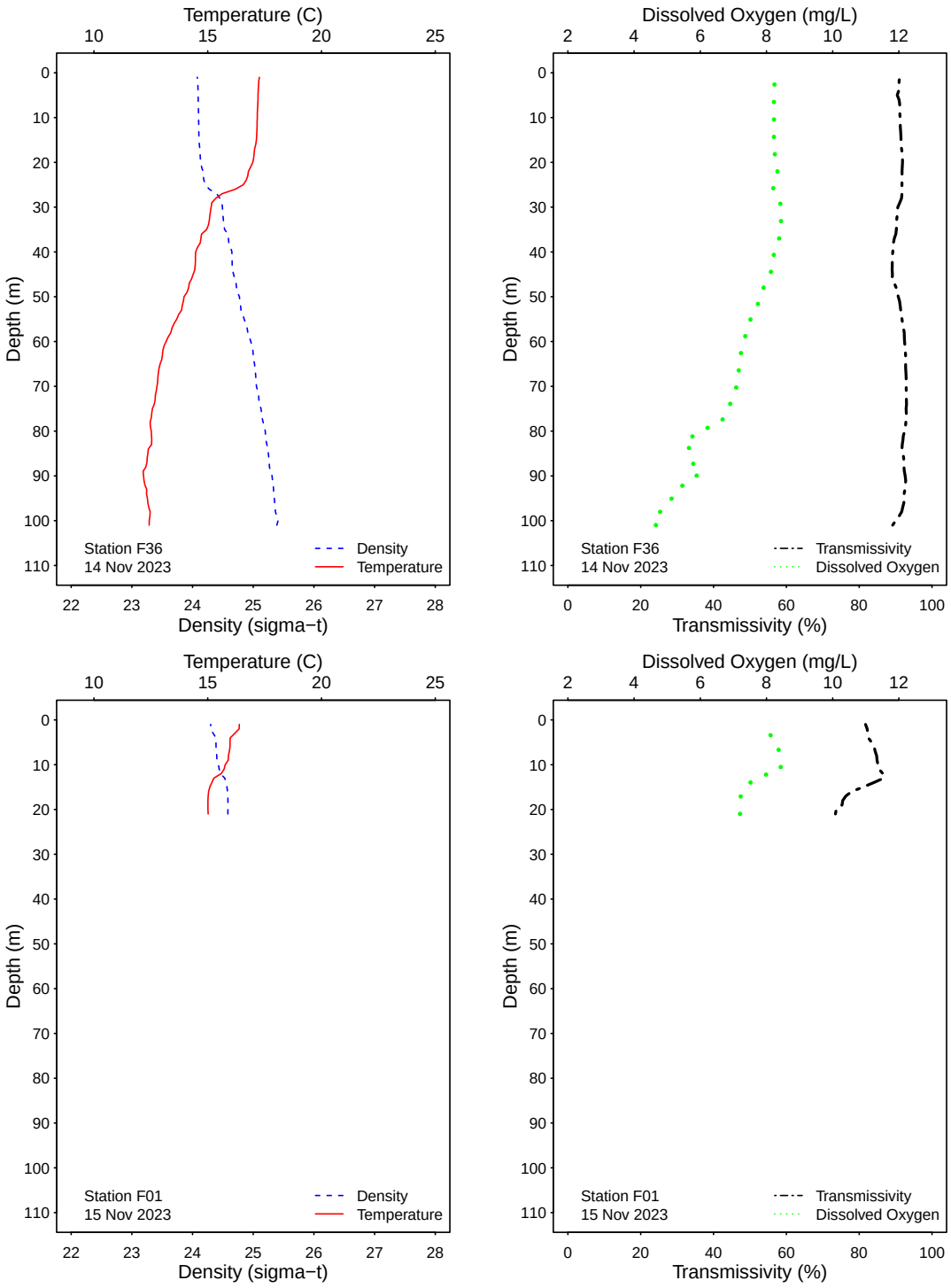

Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

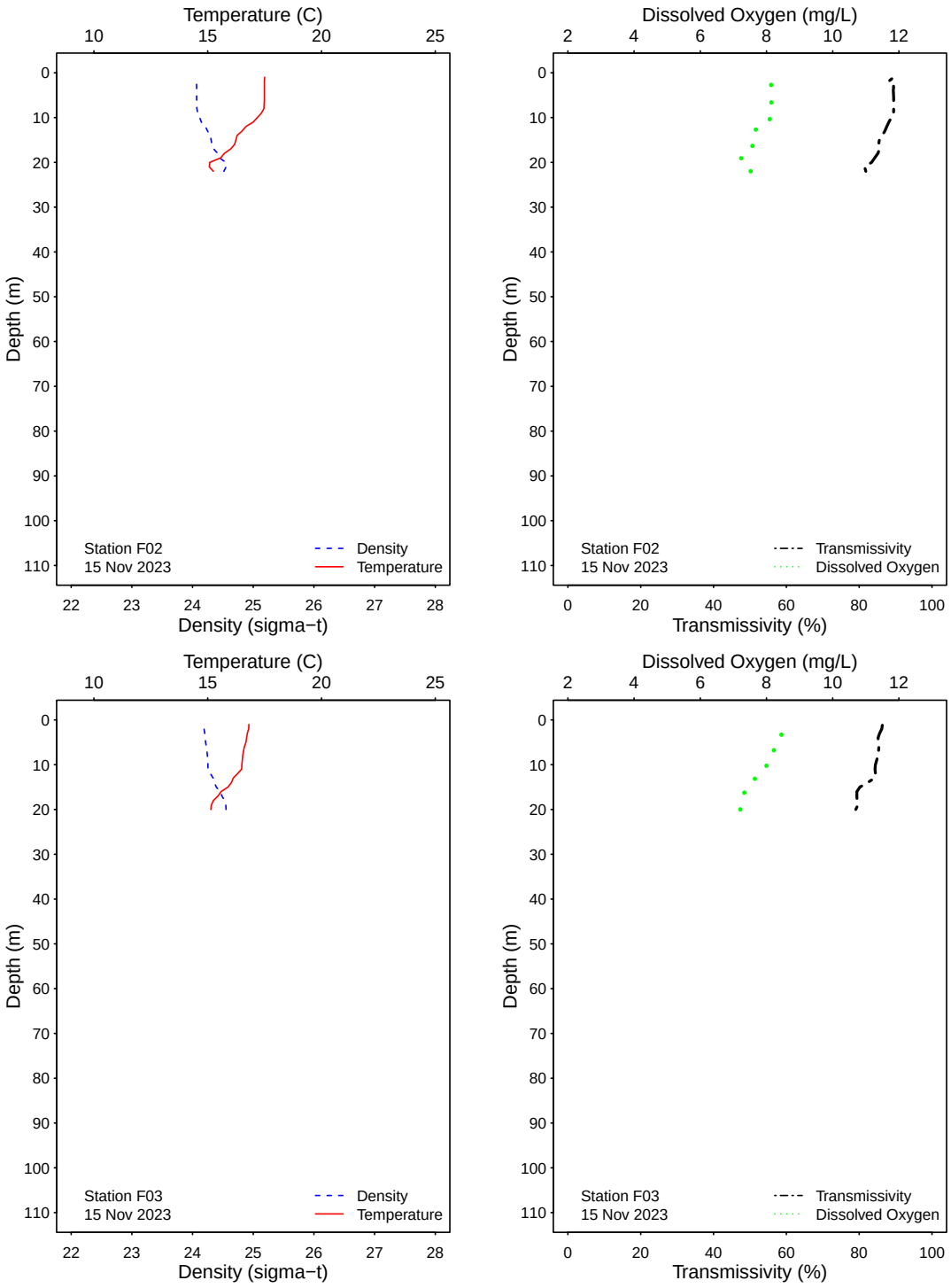

Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

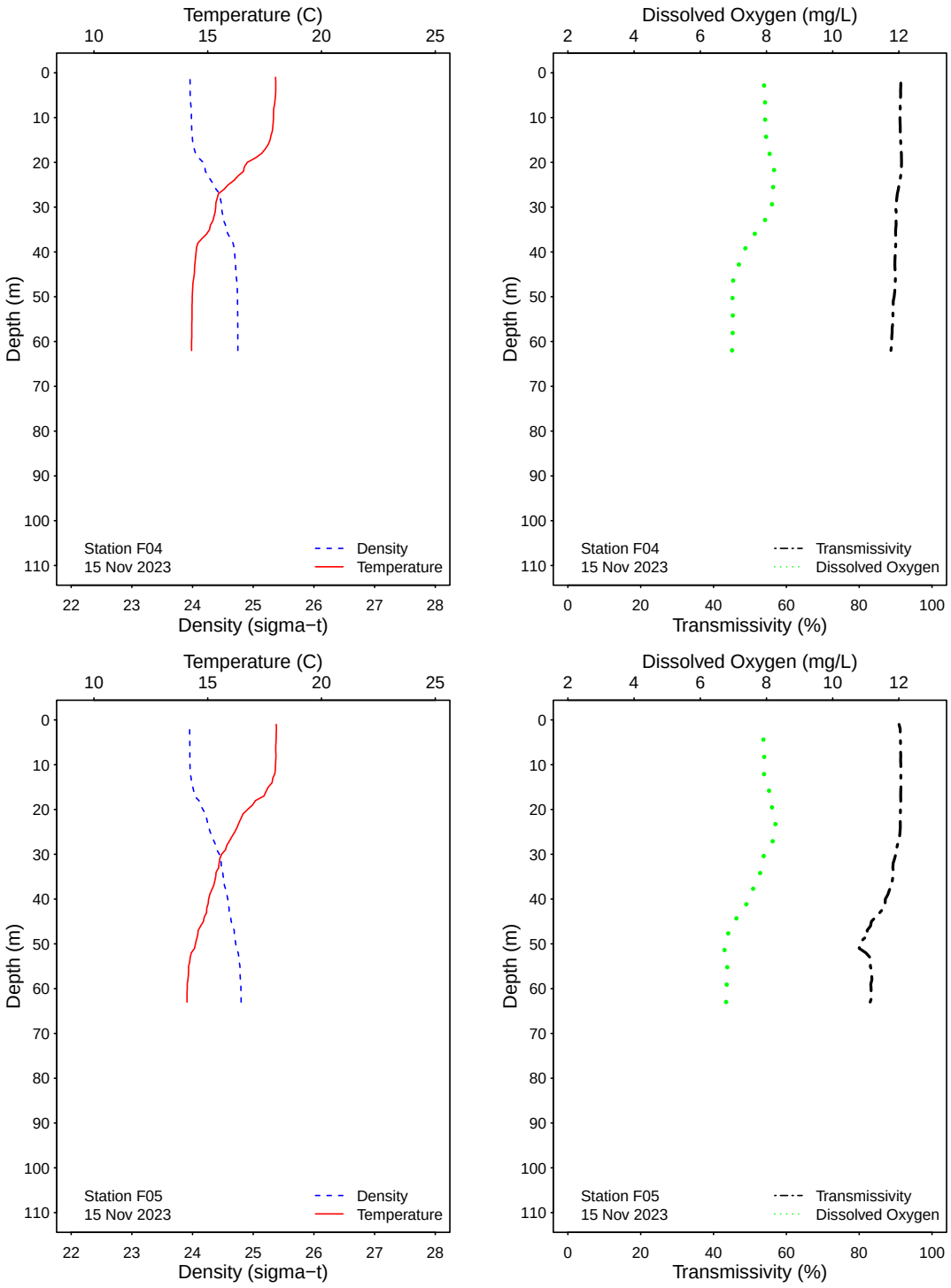

Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

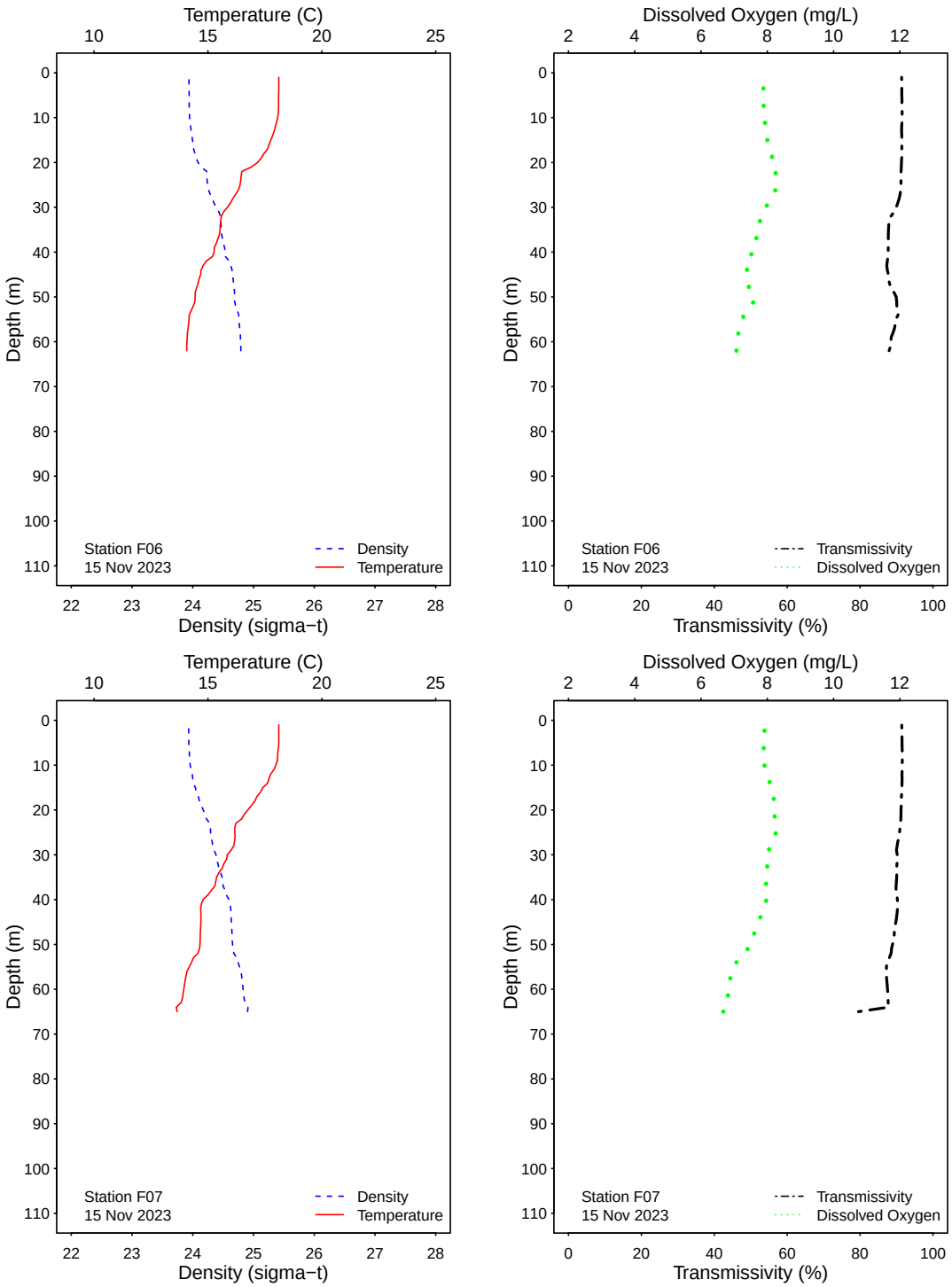

Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

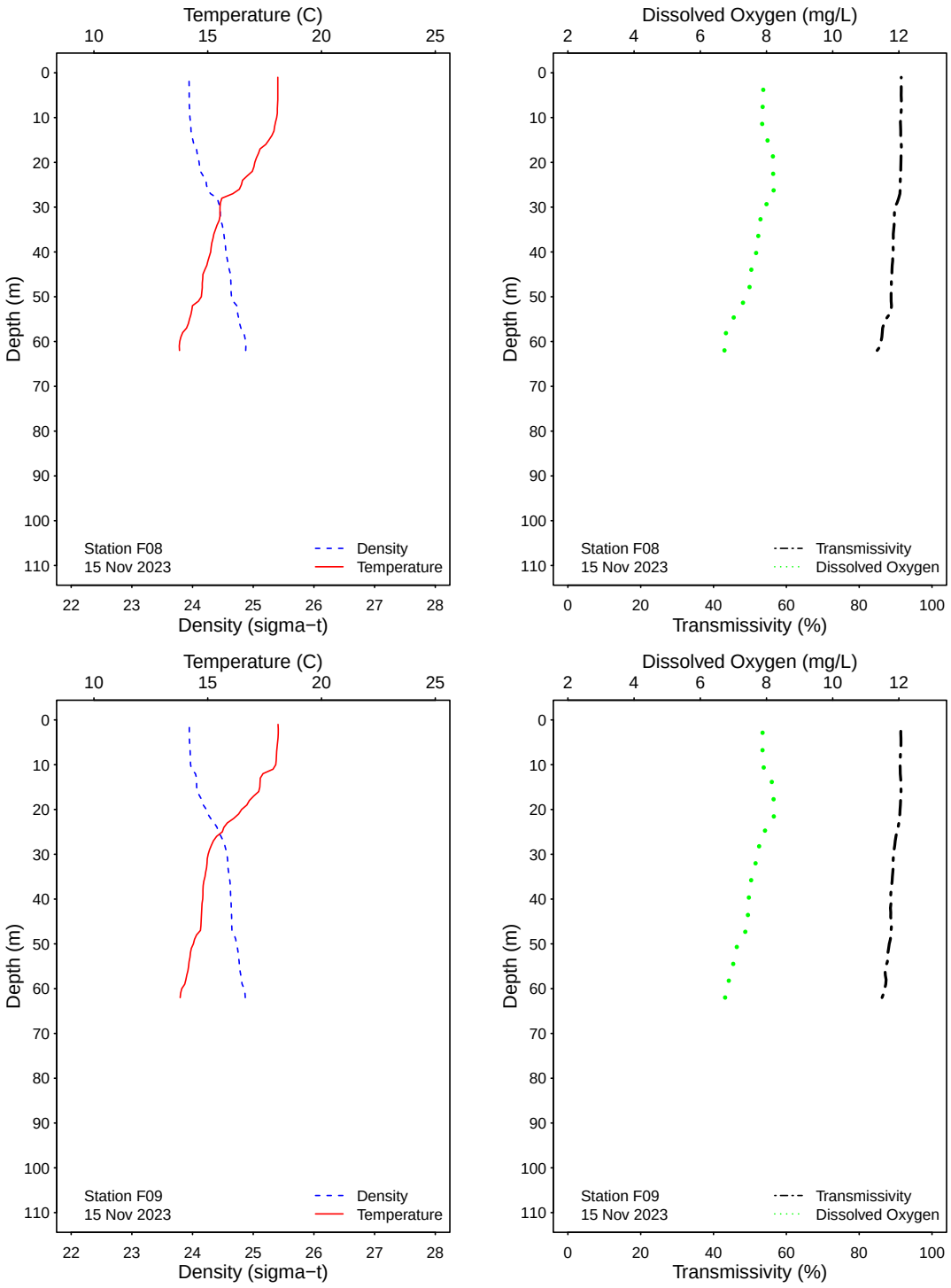

Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

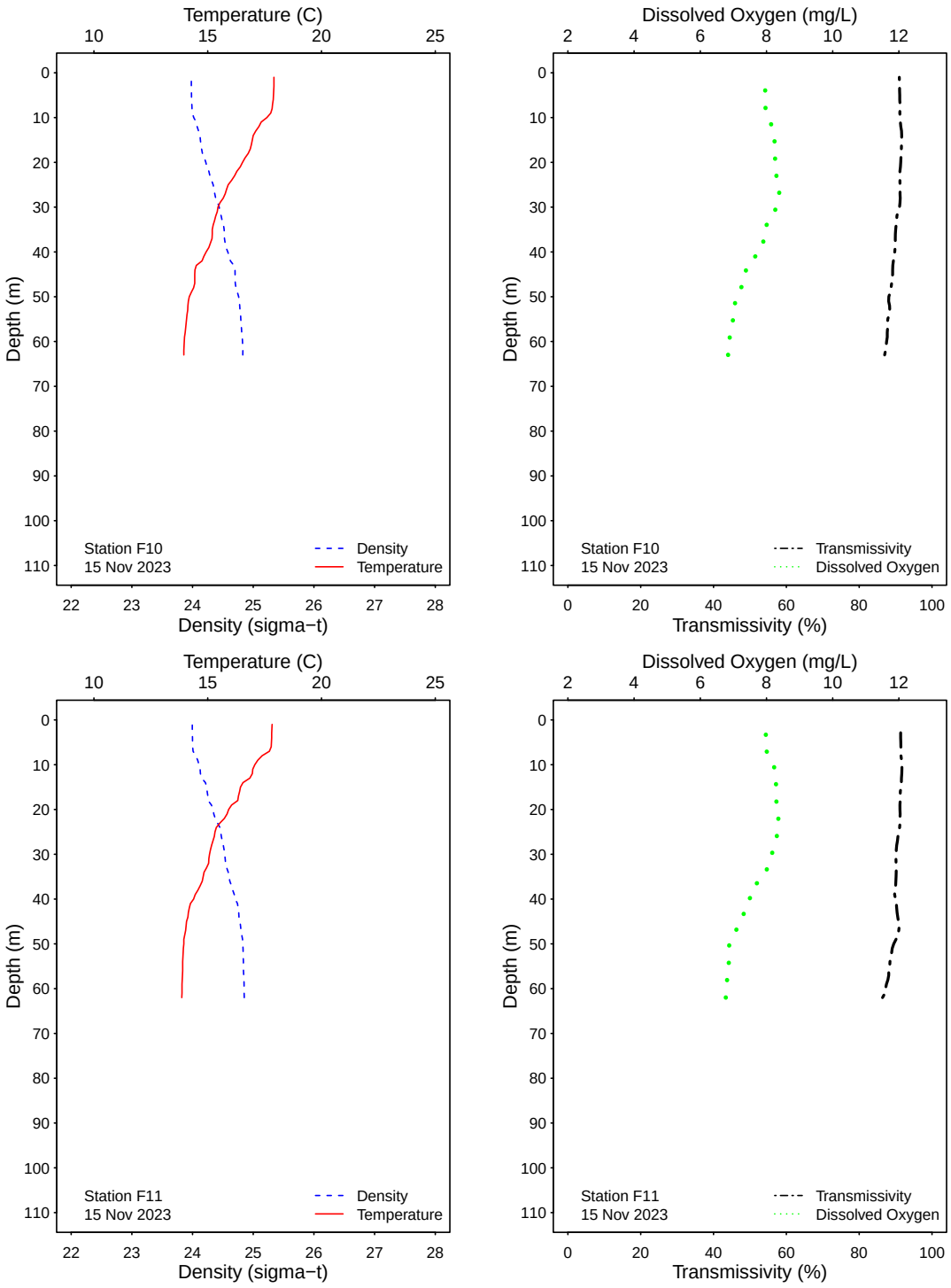

Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

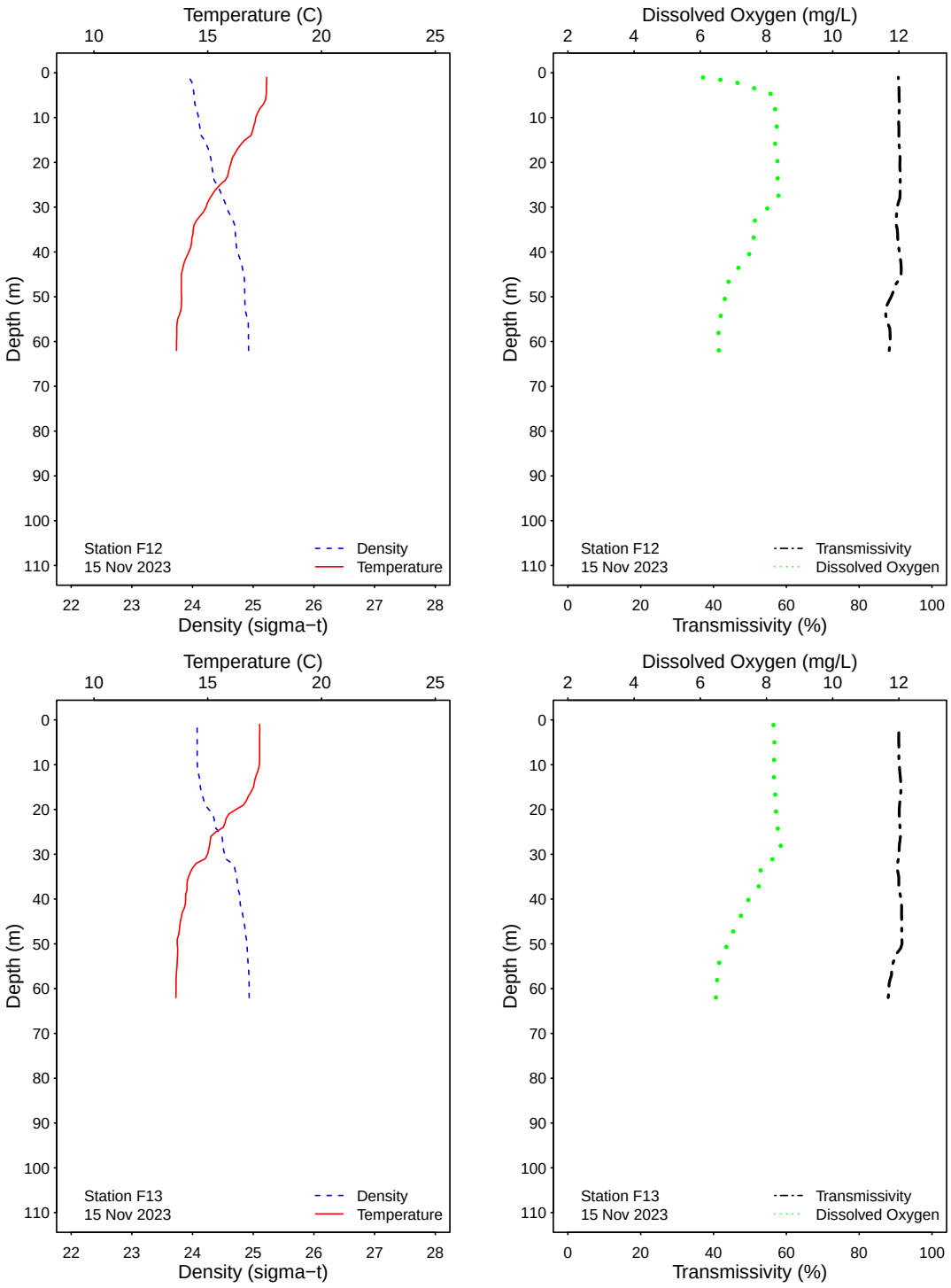

Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

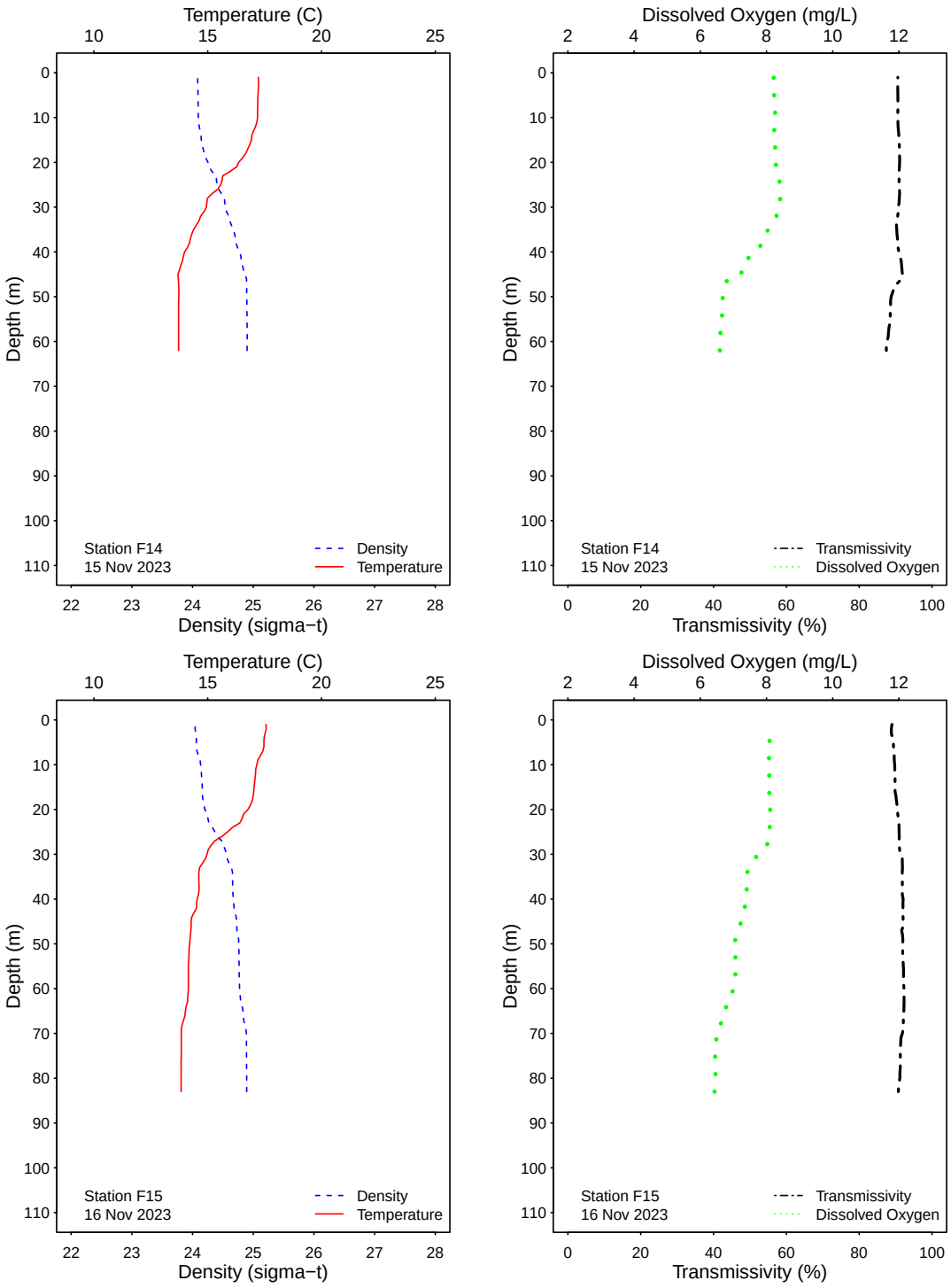

Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

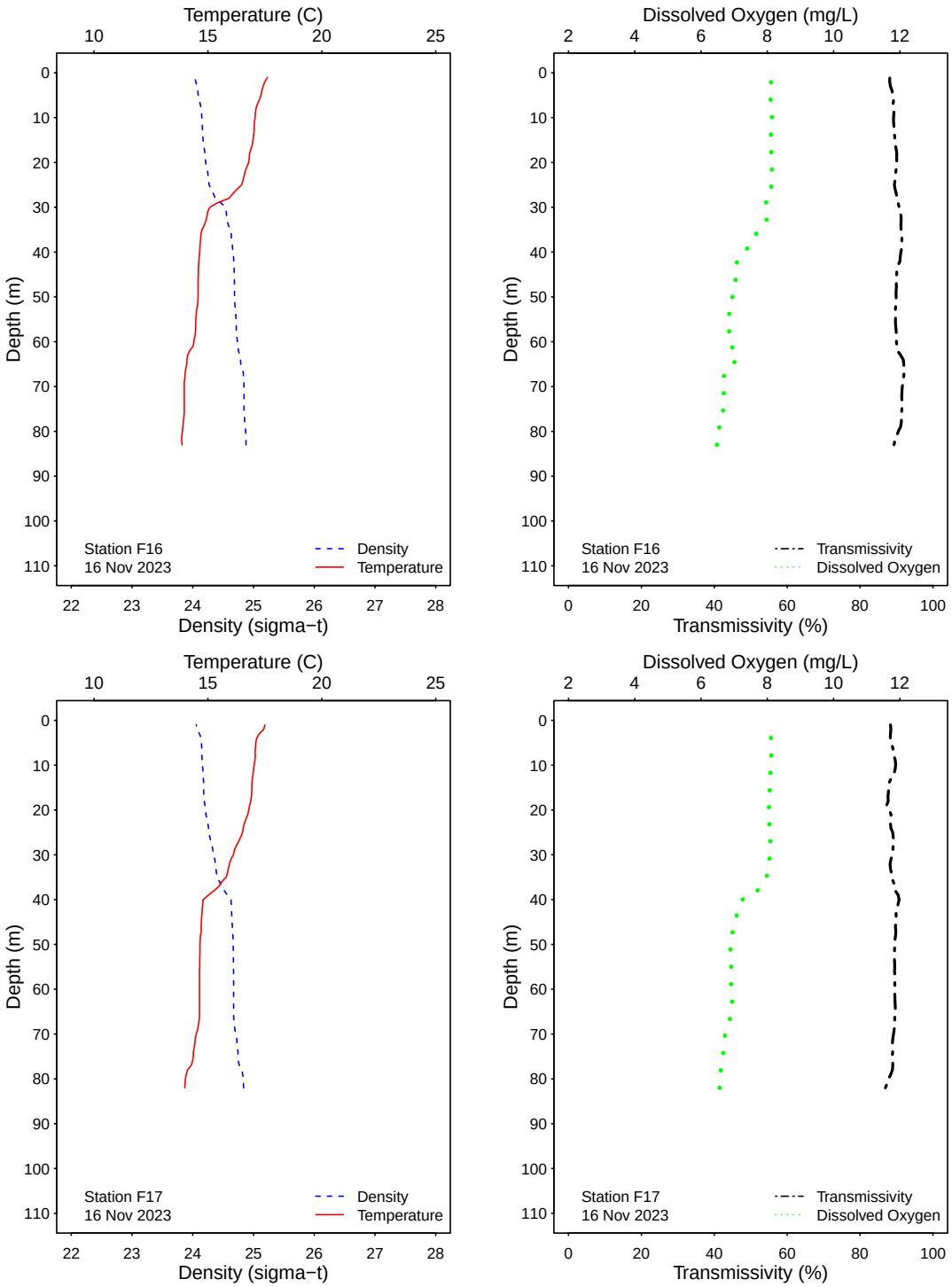

Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

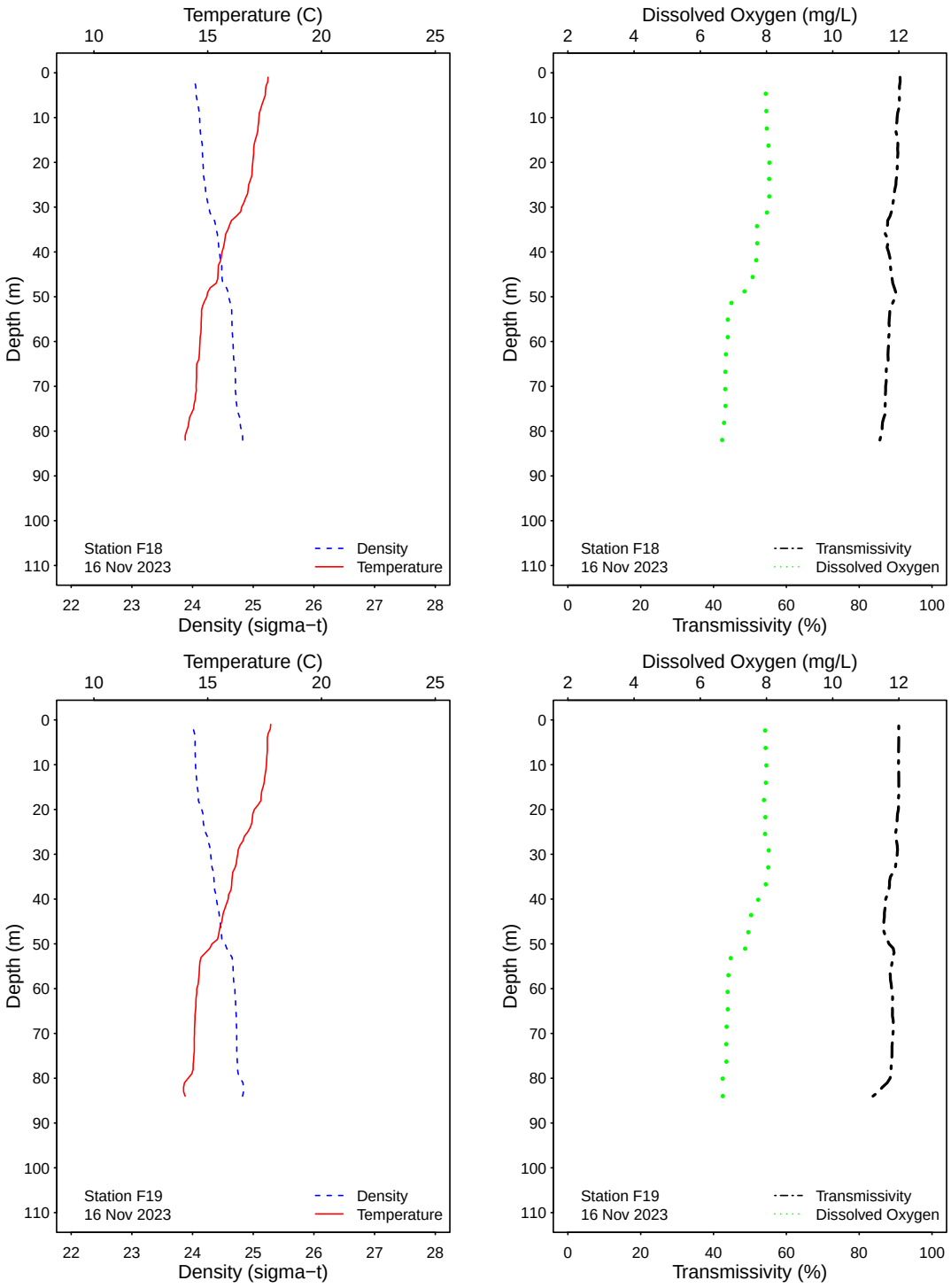

Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

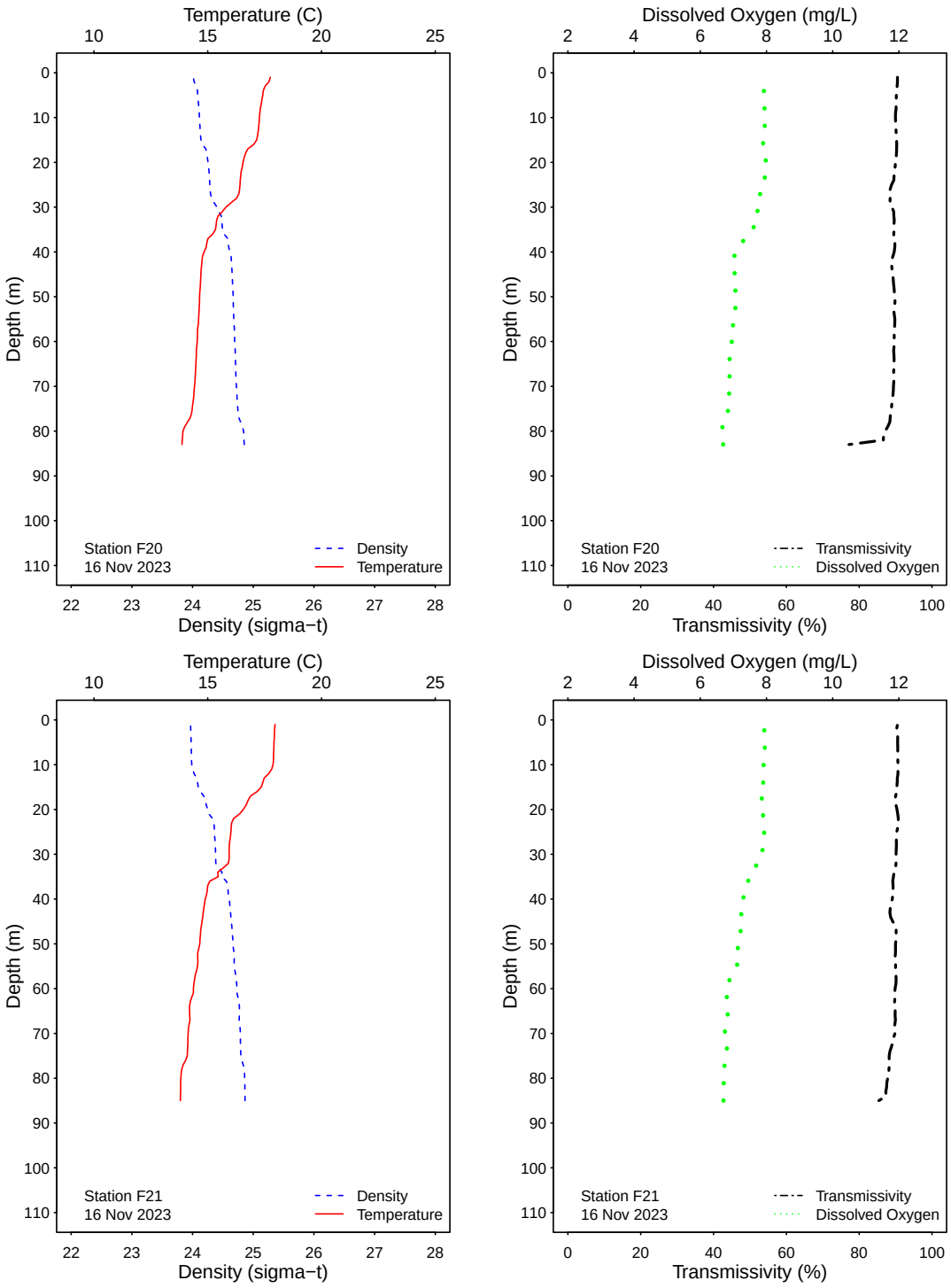

Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

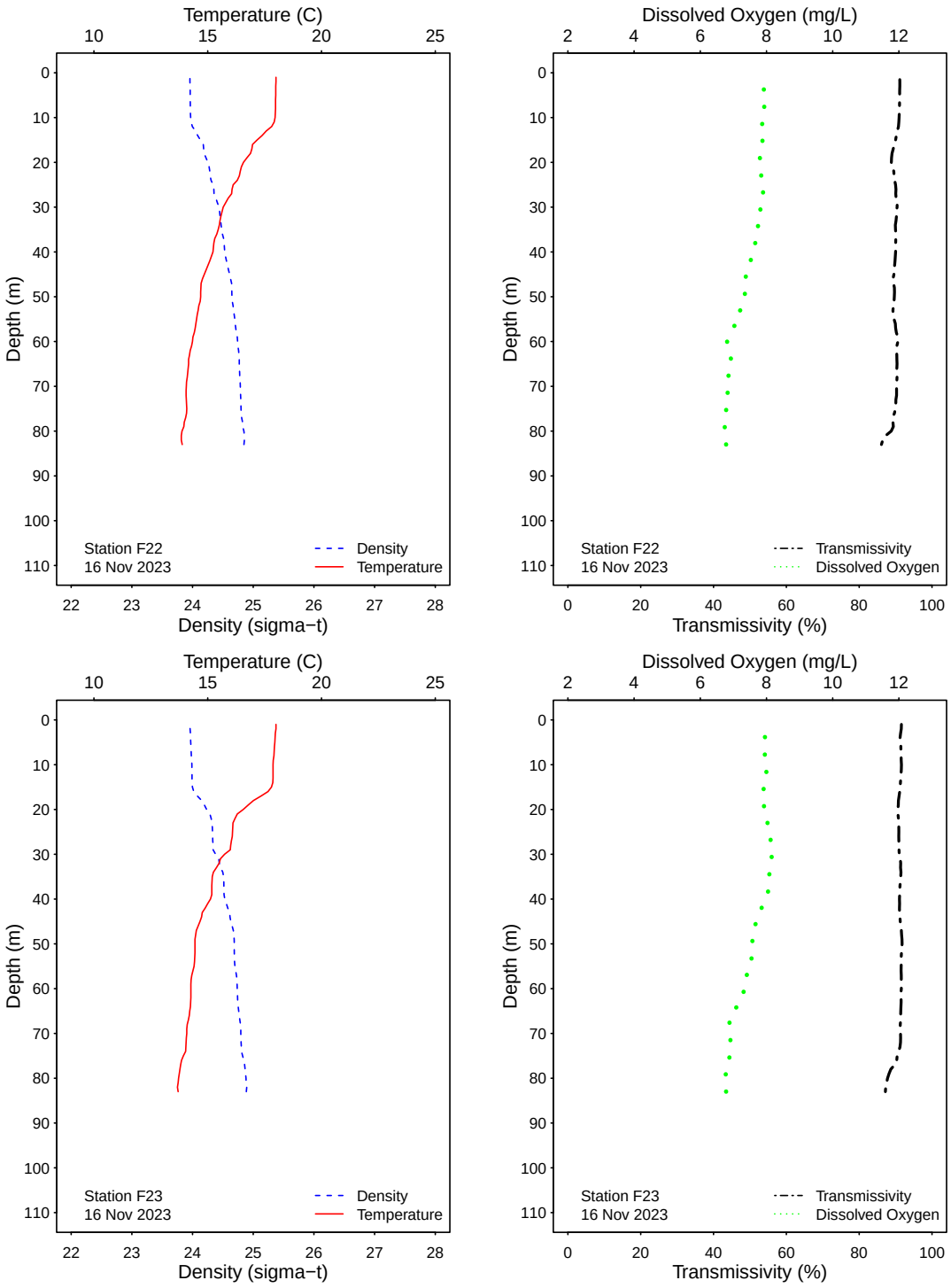

Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

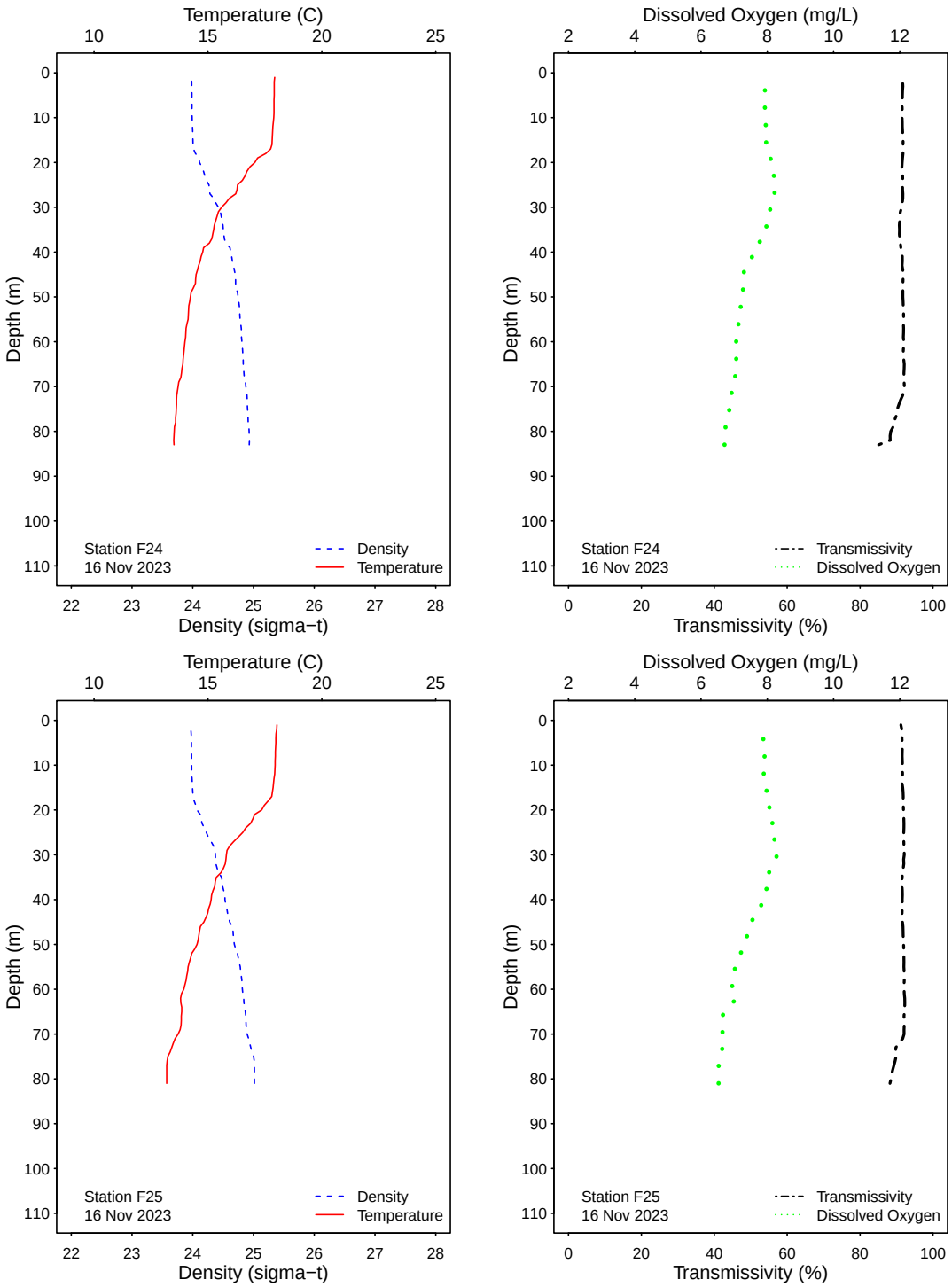

Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

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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	06 Nov 2023	18	JF	LAB DUPLICATE	<2	<2	<2
A7	13 Nov 2023	18	KT	LAB DUPLICATE	8e	2e	<2
A7	21 Nov 2023	18	KT	LAB DUPLICATE	4e	2e	<2
A7	28 Nov 2023	18	WT	LAB DUPLICATE	480	180e	6e
C7	06 Nov 2023	18	JF	LAB DUPLICATE	<2	<2	<2
C7	13 Nov 2023	18	KT	LAB DUPLICATE	24e	14e	<2
C7	21 Nov 2023	18	KT	LAB DUPLICATE	<2	2e	<2
C7	28 Nov 2023	18	WT	LAB DUPLICATE	72	22e	<2
C8	06 Nov 2023	12	JF	LAB DUPLICATE	<2	<2	<2
C8	13 Nov 2023	12	KT	LAB DUPLICATE	2e	<2	<2
C8	21 Nov 2023	12	KT	LAB DUPLICATE	<2	2e	<2
C8	28 Nov 2023	12	WT	LAB DUPLICATE	4e	<2	<2
D12	01 Nov 2023		CRE	FIELD DUPLICATE	<20	<2	<2
D12	01 Nov 2023		CRE	LAB DUPLICATE	8e	6e	4e
D12	08 Nov 2023		JF	FIELD DUPLICATE	40e	40e	24e
D12	08 Nov 2023		JF	LAB DUPLICATE	<20	60e	52
D12	15 Nov 2023		KT	FIELD DUPLICATE	20e	2e	4e
D12	15 Nov 2023		KT	LAB DUPLICATE	<20	<2	2e
D12	20 Nov 2023		JF	FIELD DUPLICATE	20e	2e	2e
D12	20 Nov 2023		JF	LAB DUPLICATE	40e	<2	2e
D12	29 Nov 2023		KT	FIELD DUPLICATE	<20	2e	6e
D12	29 Nov 2023		KT	LAB DUPLICATE	<20	2e	2e
F01	15 Nov 2023	12	WT	LAB DUPLICATE	ns	ns	<2
F02	15 Nov 2023	12	WT	LAB DUPLICATE	ns	ns	<2
F07	15 Nov 2023	60	WT	LAB DUPLICATE	ns	ns	<2
F08	15 Nov 2023	60	WT	LAB DUPLICATE	ns	ns	<2
F11	15 Nov 2023	60	WT	LAB DUPLICATE	ns	ns	2e
F17	16 Nov 2023	80	JF	LAB DUPLICATE	ns	ns	<2
F18	16 Nov 2023	60	JF	LAB DUPLICATE	ns	ns	<2
F19	16 Nov 2023	60	JF	LAB DUPLICATE	ns	ns	<2
F20	16 Nov 2023	60	JF	LAB DUPLICATE	ns	ns	2e
F21	16 Nov 2023	80	JF	LAB DUPLICATE	ns	ns	22e
F28	14 Nov 2023	60	KT	LAB DUPLICATE	ns	ns	<2
F29	14 Nov 2023	60	KT	LAB DUPLICATE	ns	ns	<2
F30	14 Nov 2023	60	KT	LAB DUPLICATE	ns	ns	<2
F31	14 Nov 2023	80	KT	LAB DUPLICATE	ns	ns	680
F32	14 Nov 2023	80	KT	LAB DUPLICATE	ns	ns	680
F34	14 Nov 2023	60	KT	LAB DUPLICATE	ns	ns	2e

ns = not sampled
ND = no data

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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 2023	3	4	6	8	5	6	5	4
02 Nov 2023	3	4	6	8	5	6	5	4
03 Nov 2023	3	4	6	8	5	6	5	4
04 Nov 2023	3	4	6	8	5	6	5	4
05 Nov 2023	3	4	6	8	5	6	5	4
06 Nov 2023	3	4	6	8	5	6	5	4
07 Nov 2023	3	4	6	8	5	6	5	4
08 Nov 2023	2	3	7	9	3	5	5	5
09 Nov 2023	2	3	7	10	3	5	5	5
10 Nov 2023	2	3	7	10	3	5	5	5
11 Nov 2023	2	3	7	10	3	5	5	5
12 Nov 2023	2	3	7	10	3	5	5	5
13 Nov 2023	2	3	7	10	3	5	5	5
14 Nov 2023	2	3	7	10	3	5	5	5
15 Nov 2023	3	3	5	9	3	10	5	6
16 Nov 2023	3	3	5	9	3	10	5	6
17 Nov 2023	3	3	5	9	3	10	5	6
18 Nov 2023	3	3	5	9	3	10	5	6
19 Nov 2023	3	3	5	9	3	10	5	6
20 Nov 2023	2	3	4	9	3	8	4	5
21 Nov 2023	2	3	4	9	3	8	4	5
22 Nov 2023	2	3	3	9	3	8	3	6
23 Nov 2023	2	3	3	9	3	8	3	6
24 Nov 2023	2	3	3	9	3	8	3	6
25 Nov 2023	2	3	3	9	3	8	3	6
26 Nov 2023	2	3	3	9	3	8	3	6
27 Nov 2023	2	3	3	9	3	8	3	6
28 Nov 2023	2	3	3	9	3	8	3	6
29 Nov 2023	2	4	3	12	3	10	4	6
30 Nov 2023	2	4	3	12	3	10	4	6

* 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	E	IC	IC	IC	IC

IC = In Compliance
E = Exceedance
ns = not sampled
ND = no data

Table B.3

Summary of compliance with the Ocean Plan's 30-day Median standard for total coliform bacteria at the PLOO shore stations. Data are based on the median of the five most recent samples from each site over the previous 30 days unless otherwise noted (*). Values >70 CFU/100 mL exceed the standard.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Nov 2023	20	20	20	20	20	40	32	20
02 Nov 2023	20	20	20	20	20	40	32	20
03 Nov 2023	20	20	20	**110**	20	50	30	20
04 Nov 2023	20	20	20	**110**	20	50	30	20
05 Nov 2023	20	20	20	**110**	20	50	30	20
06 Nov 2023	20	20	20	**110**	20	50	30	20
07 Nov 2023	20	20	20	**110**	20	50	30	20
08 Nov 2023	20	20	20	**200**	20	40	20	20
09 Nov 2023	20	20	20	**200**	20	40	20	20
10 Nov 2023	20	**110**	20	**200**	20	30	20	20
11 Nov 2023	20	**110**	20	**200**	20	30	20	20
12 Nov 2023	20	**110**	20	**200**	20	30	20	20
13 Nov 2023	20	**110**	20	**200**	20	30	20	20
14 Nov 2023	20	**110**	20	**200**	20	30	20	20
15 Nov 2023	20	20	20	**200**	20	20	20	20
16 Nov 2023	20	20	20	**200**	20	20	20	20
17 Nov 2023	20	20	14	**140**	14	20	30	20
18 Nov 2023	20	20	14	**140**	14	20	30	20
19 Nov 2023	20	20	14	**140**	14	20	30	20
20 Nov 2023	20	20	20	**200**	20	20	20	20
21 Nov 2023	20	20	20	**200**	20	20	20	20
22 Nov 2023	20	20	20	**200**	20	20	20	20
23 Nov 2023	20	20	20	**200**	20	20	20	20
24 Nov 2023	20	20	20	**200**	20	20	20	20
25 Nov 2023	20	20	20	**200**	20	20	20	20
26 Nov 2023	20	20	20	**200**	20	20	20	20
27 Nov 2023	20	20	20	**200**	20	20	20	20
28 Nov 2023	20	20	20	**200**	20	20	20	20
29 Nov 2023	20	20	20	**200**	20	20	20	20
30 Nov 2023	20	20	20	**200**	20	20	20	20

* Median calculated using n<5

Table B.4

Summary of compliance at the PLOO shore stations with the Ocean Plan's Statistical Threshold Value for total coliform bacteria, which states that total coliform density shall not exceed 230 CFU/100 mL in more than 10% of samples per station, 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.5

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 2023	2	2	2	2	2	2	2	2
02 Nov 2023	2	2	2	2	2	2	2	2
03 Nov 2023	2	2	2	2	2	2	2	2
04 Nov 2023	2	2	2	2	2	2	2	2
05 Nov 2023	2	2	2	2	2	2	2	2
06 Nov 2023	2	2	2	2	2	2	2	2
07 Nov 2023	2	2	2	2	2	2	2	2
08 Nov 2023	2	2	2	2	2	2	2	2
09 Nov 2023	2	2	2	2	2	2	2	2
10 Nov 2023	2	2	2	2	2	2	2	2
11 Nov 2023	2	2	2	2	2	2	2	2
12 Nov 2023	2	2	2	2	2	2	2	2
13 Nov 2023	2	2	2	2	2	2	2	2
14 Nov 2023	2	2	2	2	2	2	2	2
15 Nov 2023	2	2	2	2	2	2	2	2
16 Nov 2023	2	2	2	2	2	2	2	2
17 Nov 2023	2	2	2	2	2	2	2	2
18 Nov 2023	2	2	2	2	2	2	2	2
19 Nov 2023	2	2	2	2	2	2	2	2
20 Nov 2023	2	2	2	2	2	2	2	2
21 Nov 2023	2	2	2	2	2	2	2	2
22 Nov 2023	2	2	2	2	2	2	2	2
23 Nov 2023	2	2	2	2	2	2	2	2
24 Nov 2023	2	2	2	2	2	2	2	2
25 Nov 2023	2	2	2	2	2	2	2	2
26 Nov 2023	2	2	2	2	2	2	2	2
27 Nov 2023	2	2	2	2	2	2	2	2
28 Nov 2023	2	2	2	2	2	3	2	2
29 Nov 2023	2	2	2	2	2	3	2	2
30 Nov 2023	2	2	2	2	2	3	2	2

* Geometric mean calculated using n<5

Table B.5

Summary of compliance at the PLOO kelp stations with the Ocean Plan's Statistal 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	IC	IC	IC	IC	IC	IC

IC = In Compliance
E = Exceedance
ns = not sampled
ND = no data

Table B.7

Summary of compliance with the Ocean Plan's 30-day Median standard for total coliform bacteria at the PLOO kelp stations. Data are based on the median of the five most recent samples from each site and depth over the previous 30 days unless otherwise noted (*). Values >70 CFU/100 mL exceed the standard. Median calculated using n<5

	A1			A6			A7			C4			C5			C6			C7			C8		
Date	1m	12m	18m	1m	12m	18m	1m	12m	18m	1m	3m	9m	1m	3m	9m	1m	3m	9m	1m	12m	18m	1m	12m	18m
01 Nov 2023	2	2	3	2	4	2	2	4	7	2	2	2	2	3	11	2	2	2	2	2	7	2	4	26
02 Nov 2023	2	2	3	2	4	2	2	4	7	2	2	2	2	3	11	2	2	2	2	2	7	2	4	26
03 Nov 2023	2	2	3	2	4	2	2	4	7	2	2	2	2	3	11	2	2	2	2	2	7	2	4	26
04 Nov 2023	2	2	3	2	4	2	2	4	7	2	2	2	2	3	11	2	2	2	2	2	7	2	4	26
05 Nov 2023	2	2	3	2	4	2	2	4	7	2	2	2	2	3	11	2	2	2	2	2	7	2	4	26
06 Nov 2023	2	2	2	2	2	2	2	2	6	2	2	2	2	2	6	2	2	2	2	2	2	2	2	18
07 Nov 2023	2	2	2	2	2	2	2	2	6	2	2	2	2	2	6	2	2	2	2	2	2	2	2	18
08 Nov 2023	2	2	3	2	4	2	2	4	5	2	2	2	2	3	9	2	2	2	2	2	7	2	4	18
09 Nov 2023	2	2	3	2	4	2	2	4	5	2	2	2	2	3	9	2	2	2	2	2	7	2	4	18
10 Nov 2023	2	2	3	2	4	2	2	4	5	2	2	2	2	3	9	2	2	2	2	2	7	2	4	18
11 Nov 2023	2	2	3	2	4	2	2	4	5	2	2	2	2	3	9	2	2	2	2	2	7	2	4	18
12 Nov 2023	2	2	3	2	4	2	2	4	5	2	2	2	2	3	9	2	2	2	2	2	7	2	4	18
13 Nov 2023	2	2	2	2	6	2	2	2	6	2	2	2	2	2	6	2	2	2	2	2	12	2	2	2
14 Nov 2023	2	2	2	2	6	2	2	2	6	2	2	2	2	2	6	2	2	2	2	2	12	2	2	2
15 Nov 2023	2	2	2	2	4	2	2	2	4	2	2	2	2	2	4	2	2	2	2	2	7	2	2	2
16 Nov 2023	2	2	2	2	4	2	2	2	4	2	2	2	2	2	4	2	2	2	2	2	7	2	2	2
17 Nov 2023	2	2	2	2	4	2	2	2	4	2	2	2	2	2	4	2	2	2	2	2	7	2	2	2
18 Nov 2023	2	2	2	2	4	2	2	2	4	2	2	2	2	2	4	2	2	2	2	2	7	2	2	2
19 Nov 2023	2	2	2	2	4	2	2	2	4	2	2	2	2	2	4	2	2	2	2	2	7	2	2	2
20 Nov 2023	2	2	2	2	4	2	2	2	4	2	2	2	2	2	4	2	2	2	2	2	7	2	2	2
21 Nov 2023	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22 Nov 2023	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23 Nov 2023	2	2	8	2	4	5	2	2	4	2	2	2	2	2	2	2	2	2	2	2	7	2	2	2
24 Nov 2023	2	2	8	2	4	5	2	2	4	2	2	2	2	2	2	2	2	2	2	2	7	2	2	2
25 Nov 2023	2	2	8	2	4	5	2	2	4	2	2	2	2	2	2	2	2	2	2	2	7	2	2	2
26 Nov 2023	2	2	8	2	4	5	2	2	4	2	2	2	2	2	2	2	2	2	2	2	7	2	2	2
27 Nov 2023	2	2	8	2	4	5	2	2	4	2	2	2	2	2	2	2	2	2	2	2	7	2	2	2
28 Nov 2023	2	2	14	2	6	8	2	2	6	2	2	2	2	2	2	2	2	2	2	2	12	2	2	2
29 Nov 2023	2	2	24	2	11	15	2	2	4	2	2	2	2	2	4	2	2	2	2	2	8	2	2	2
30 Nov 2023	2	2	24	2	11	15	2	2	4	2	2	2	2	2	4	2	2	2	2	2	8	2	2	2

Table B.8

Summary of compliance at the PLOO kelp stations with the Ocean Plan's Statistical Threshold Value for total coliform bacteria, which states that total coliform density shall not exceed 230 CFU/100 mL in more than 10 IC = In Compliance E = Exceedance ns = not sampled ND = no data

	A1			A6			A7			C4			C5			C6			C7			C8		
Date	1m	12m	18m	1m	12m	18m	1m	12m	18m	1m	3m	9m	1m	3m	9m	1m	3m	9m	1m	12m	18m	1m	12m	18m
November	IC	IC	IC	IC	IC	IC	IC	IC	E	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC

Offshore Stations

Table B.9

Summary of compliance with the Ocean Plan's Statistical Threshold Value standard for *Enterococcus* bacteria at the PLOO offshore stations within State jurisdictional waters. 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	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance
E = Exceedance
ns = not sampled
ND = no data

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