

POINT LOMA OCEAN OUTFALL MONTHLY RECEIVING WATERS MONITORING REPORT

POINT LOMA WASTEWATER TREATMENT PLANT

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

FEBRUARY 2023

Environmental Monitoring and Technical Services
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March 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 February 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, chromomorphpic dissolved organic matter (CDOM), and visual observations of weather and water conditions.

Seawater samples for bacteriological analyses at the offshore stations are collected using a CTD-integrated rosette sampler with Niskin bottles. Profiles of the various physical/chemical parameters (listed above) are taken using a Sea-Bird CTD. Additionally, data for depths closest to those at which bacteriological samples were collected are extracted from the CTD profiles and presented with the bacteriological data.

Bacteriological Reporting and Quality Assurance

Estimated values for bacteriological analyses are denoted by greater than (>), less than (<), or estimated (e) qualifiers and result from plates with colony counts above or below the permissible counting limits established in Bordner et al. (1978)¹. This document defines membrane filtration limits of 20–80 colonies per plate for total coliforms and 20–60 colonies per plate for fecal coliforms and *Enterococcus*. No Data (ND) is reported if plate counts from all dilutions have a total colony count of >200 per plate.

Results of the bacteriological analysis of seawater samples collected from each of the shore, kelp bed, and offshore stations located within State waters are assessed relative to the geometric mean and single sample maximum water-contact standards specified in the 2015 California Ocean Plan. The seven standards are defined as follows:

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

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

Single Sample Maximums:

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, 1987²) is used to statistically compare both the results from the laboratory duplicates, as well as the results from the field duplicates. These data will be further analyzed in the City's 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. Due to weather-related sampling delays, some PLOO offshore stations were sampled in the week spanning February 26 to March 4. Therefore, this report includes data collected up until March 4. For simplicity, these dates will be referred to as "the February report period" herein.

Shore Stations

- The eight shore stations (D4, D5, D7, D8-B, D9, D10, D11, D12) were sampled on February 1, 8, 15, 22, and March 1.
- During the February 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 station D5.
- Nothing of sewage origin was observed at any of the PLOO shore stations.
- Over the years, elevated bacteria levels at shore and kelp bed stations have tended to be associated with rainfall events, heavy recreational use, or the presence of seabirds or decaying kelp and surf grass. See the City of San Diego's most recent *Biennial Receiving Waters Monitoring and Assessment Report for the Point Loma and South Bay Ocean Outfalls* for details (<https://www.sandiego.gov/public-utilities/sustainability/ocean-monitoring/reports>).

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

Kelp Bed Stations

- The eight kelp bed water quality stations (A1, A6, A7, C4, C5, C6, C7, C8) were sampled on February 10, 13, 21, and 27.
- During the February 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 12.22 to 14.15°C. The difference between surface and bottom waters ranged from 0.02 to 1.49°C.
- Chlorophyll *a* concentrations ranged from 0.39 to 5.02 µg/L.
- Nothing of sewage origin was observed at any of the PLOO kelp stations.

Offshore Stations

- Quarterly offshore water quality sampling was conducted on February 28, March 2 and 3.
- During the February report period, one of the 15 offshore stations located within State jurisdictional waters (i.e., F01–F03, F06–F14, F18–F20) was out of compliance with the various 2015 Ocean Plan water contact standards on one or more days as follows:
 - The SSM standard for *Enterococcus* was exceeded at station F19.
- Of the remaining 21 offshore stations, elevated densities of *Enterococcus* bacteria (i.e., <104 CFU/100 mL) were detected at stations F31, F32, and F33 at depths ≥60 meters.
- Water column temperatures ranged from 10.32 to 13.95°C. The difference between surface and bottom waters ranged from 1.22 to 3.35°C.
- Chlorophyll *a* concentrations ranged from 0.17 to 4.66 µg/L at the offshore stations.
- CDOM data are available upon request.
- Nothing of sewage origin was observed at any of the PLOO offshore stations.



TABLES AND FIGURES

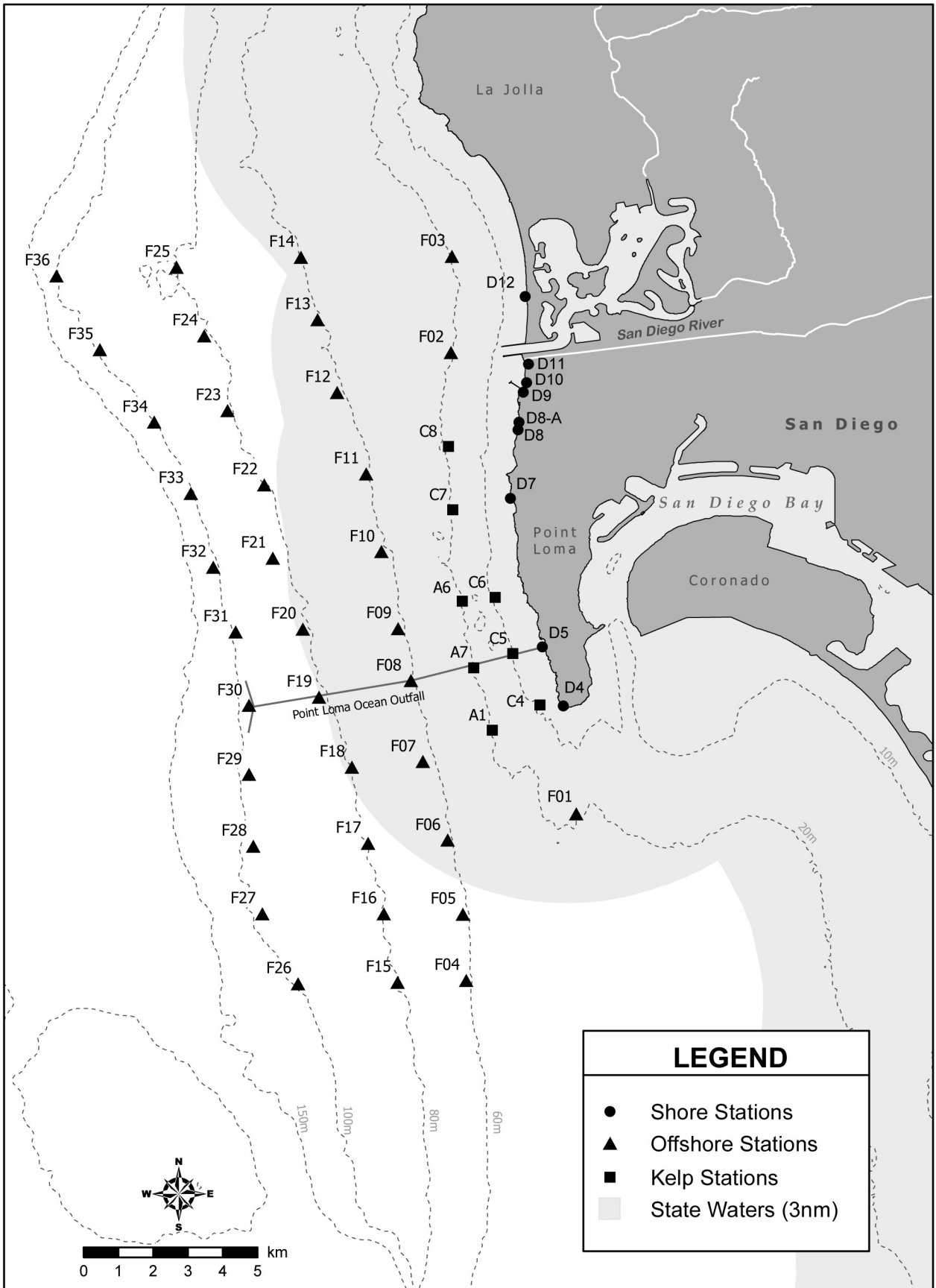


Figure 1.1 Station Map

Shore Stations

Table 2.1

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

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Feb 2023	17	83	17	39	87	93	152	16
02 Feb 2023	17	83	17	39	87	93	152	16
03 Feb 2023	11	73	17	26	78	77	150	11
04 Feb 2023	11	73	17	26	78	77	150	11
05 Feb 2023	11	73	17	26	78	77	150	11
06 Feb 2023	11	73	17	26	78	77	150	11
07 Feb 2023	11	73	17	26	78	77	150	11
08 Feb 2023	13	36	11	20	68	68	73	14
09 Feb 2023	13	36	11	20	68	68	73	14
10 Feb 2023	11	41	9	16	70	77	60	13
11 Feb 2023	11	41	9	16	70	77	60	13
12 Feb 2023	11	41	9	16	70	77	60	13
13 Feb 2023	11	41	9	16	70	77	60	13
14 Feb 2023	11	41	9	16	70	77	60	13
15 Feb 2023	13	36	11	20	86	89	89	18
16 Feb 2023	13	36	11	20	86	89	89	18
17 Feb 2023	11	26	6	8	54	73	52	15
18 Feb 2023	11	26	6	8	54	73	52	15
19 Feb 2023	11	26	6	8	54	73	52	15
20 Feb 2023	11	26	6	8	54	73	52	15
21 Feb 2023	11	26	6	8	54	73	52	15
22 Feb 2023	13	25	8	13	28	56	49	15
23 Feb 2023	13	25	8	13	28	56	49	15
24 Feb 2023	12	26	6	14	25	41	41	21
25 Feb 2023	12	26	6	14	25	41	41	21
26 Feb 2023	12	26	6	14	25	41	41	21
27 Feb 2023	12	26	6	14	25	41	41	21
28 Feb 2023	12	26	6	14	25	41	41	21
01 Mar 2023	18	25	9	33	24	56	44	20
02 Mar 2023	18	25	9	33	24	56	44	20
03 Mar 2023	30	11	13	66	24	71	45	31
04 Mar 2023	30	11	13	66	24	71	45	31

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

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

* 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 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
08 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
15 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
22 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
01 Mar 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 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
08 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
15 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
22 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
01 Mar 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 Feb 2023	IC	E	IC	IC	IC	IC	IC	IC
02 Feb 2023	ns	IC	ns	ns	ns	ns	ns	ns
08 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
15 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
22 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
01 Mar 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 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
08 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
15 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
22 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
01 Mar 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 Feb 2023	915	2e	<2	<2	1.000
D4	08 Feb 2023	911	<20	<2	<2	0.100
D4	15 Feb 2023	859	20e	20e	2e	1.000
D4	22 Feb 2023	905	26e	16e	<2	0.615
D4	01 Mar 2023	900	80e	20e	<2	0.250
D5	01 Feb 2023	903	600e	320e	360e	0.533
D5	02 Feb 2023	928	ns	ns	2e	ns
D5	08 Feb 2023	901	2e	4e	<2	2.000
D5	15 Feb 2023	848	<20	<2	2e	0.100
D5	22 Feb 2023	855	20e	12e	34e	0.600
D5	01 Mar 2023	849	20e	<2	6e	0.100
D7	01 Feb 2023	841	2e	<2	<2	1.000
D7	08 Feb 2023	849	2e	2e	<2	1.000
D7	15 Feb 2023	826	<20	6e	4e	0.300
D7	22 Feb 2023	830	20e	4e	82	0.200
D7	01 Mar 2023	824	40e	<2	4e	0.050
D8-B	01 Feb 2023	829	2e	<2	2e	1.000
D8-B	08 Feb 2023	829	6e	<2	2e	0.333
D8-B	15 Feb 2023	816	40e	<20	20e	0.500
D8-B	22 Feb 2023	820	80e	16e	28e	0.200
D8-B	01 Mar 2023	814	1000e	2e	34e	0.002
D9	01 Feb 2023	821	26e	4e	<2	0.154
D9	08 Feb 2023	821	40e	38e	52	0.950
D9	15 Feb 2023	808	<200	20e	28e	0.100
D9	22 Feb 2023	813	2e	<2	2e	1.000
D9	01 Mar 2023	807	<20	4e	14e	0.200
D10	01 Feb 2023	812	22e	6e	4e	0.273
D10	08 Feb 2023	811	40e	10e	6e	0.250
D10	15 Feb 2023	800	160e	20e	22e	0.125
D10	22 Feb 2023	804	20e	2e	12e	0.100
D10	01 Mar 2023	759	200e	40e	12e	0.200
D11	01 Feb 2023	804	40e	4e	2e	0.100
D11	08 Feb 2023	802	4e	<2	<2	0.500
D11	15 Feb 2023	751	>=440	20e	22e	0.045
D11	22 Feb 2023	757	40e	8e	10e	0.200
D11	01 Mar 2023	753	60e	<20	28e	0.333
D12	01 Feb 2023	748	4e	6e	4e	1.500
D12	08 Feb 2023	746	40e	4e	<2	0.100
D12	15 Feb 2023	737	80e	4e	6e	0.050
D12	22 Feb 2023	743	14e	2e	<2	0.143
D12	01 Mar 2023	740	20e	<2	<2	0.100

ns = not sampled

ND = no data

Comments

Station	Date	Depth	Parameter	Comments
D5	02 Feb 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 Feb 2023	Arrive Time	915
D4	01 Feb 2023	Weather	Sunny
D4	01 Feb 2023	Wind Speed (kts)	3
D4	01 Feb 2023	Wind Dir	S
D4	01 Feb 2023	Animal Life	
D4	01 Feb 2023	Floatables	None
D4	01 Feb 2023	Water Color	Green
D4	01 Feb 2023	Current Direction	S
D4	01 Feb 2023	Water Temp (C)	11
D4	01 Feb 2023	Wave Height Low (ft)	6
D4	01 Feb 2023	High Tide (ft)	5.1
D4	01 Feb 2023	High Tide Time	602
D4	01 Feb 2023	Low Tide (ft)	-0.42
D4	01 Feb 2023	Low Tide Time	1343
D4	01 Feb 2023	Comments	Water clear; Boater/Kayaker-1; Trash-1; Kelp;Seagrass;Debris
D4	08 Feb 2023	Arrive Time	911
D4	08 Feb 2023	Weather	Sunny
D4	08 Feb 2023	Wind Speed (kts)	1.4
D4	08 Feb 2023	Wind Dir	S
D4	08 Feb 2023	Animal Life	Bird-1;
D4	08 Feb 2023	Floatables	None
D4	08 Feb 2023	Water Color	Green
D4	08 Feb 2023	Current Direction	S
D4	08 Feb 2023	Water Temp (C)	10
D4	08 Feb 2023	Wave Height Low (ft)	3
D4	08 Feb 2023	High Tide (ft)	4.93
D4	08 Feb 2023	High Tide Time	954
D4	08 Feb 2023	Low Tide (ft)	1.45
D4	08 Feb 2023	Low Tide Time	404
D4	08 Feb 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D4	15 Feb 2023	Arrive Time	859
D4	15 Feb 2023	Weather	Sunny
D4	15 Feb 2023	Wind Speed (kts)	1.9
D4	15 Feb 2023	Wind Dir	N
D4	15 Feb 2023	Animal Life	
D4	15 Feb 2023	Floatables	None
D4	15 Feb 2023	Water Color	Green
D4	15 Feb 2023	Current Direction	S
D4	15 Feb 2023	Water Temp (C)	9
D4	15 Feb 2023	Wave Height Low (ft)	3
D4	15 Feb 2023	High Tide (ft)	4.93
D4	15 Feb 2023	High Tide Time	411
D4	15 Feb 2023	Low Tide (ft)	-0.33
D4	15 Feb 2023	Low Tide Time	1214
D4	15 Feb 2023	Comments	Water clear; Trash-1; Algae;Seagrass
D4	22 Feb 2023	Arrive Time	905
D4	22 Feb 2023	Weather	Partly cloudy
D4	22 Feb 2023	Wind Speed (kts)	7.1
D4	22 Feb 2023	Wind Dir	W
D4	22 Feb 2023	Animal Life	
D4	22 Feb 2023	Floatables	None
D4	22 Feb 2023	Water Color	Green

Station	Date	Parameter	Value
D4	22 Feb 2023	Current Direction	S
D4	22 Feb 2023	Water Temp (C)	9
D4	22 Feb 2023	Wave Height Low (ft)	4
D4	22 Feb 2023	High Tide (ft)	5.38
D4	22 Feb 2023	High Tide Time	1009
D4	22 Feb 2023	Low Tide (ft)	0.4
D4	22 Feb 2023	Low Tide Time	412
D4	22 Feb 2023	Comments	Water clear; Trash-1; Algae
D5	01 Feb 2023	Arrive Time	903
D5	01 Feb 2023	Weather	Sunny
D5	01 Feb 2023	Wind Speed (kts)	0
D5	01 Feb 2023	Wind Dir	
D5	01 Feb 2023	Animal Life	
D5	01 Feb 2023	Floatables	None
D5	01 Feb 2023	Water Color	Green
D5	01 Feb 2023	Current Direction	S
D5	01 Feb 2023	Water Temp (C)	9
D5	01 Feb 2023	Wave Height Low (ft)	3
D5	01 Feb 2023	High Tide (ft)	5.1
D5	01 Feb 2023	High Tide Time	602
D5	01 Feb 2023	Low Tide (ft)	-0.42
D5	01 Feb 2023	Low Tide Time	1343
D5	01 Feb 2023	Comments	Water clear; Trash-1; Algae;Debris
D5	02 Feb 2023	Arrive Time	928
D5	02 Feb 2023	Weather	Hazy
D5	02 Feb 2023	Wind Speed (kts)	1.5
D5	02 Feb 2023	Wind Dir	SW
D5	02 Feb 2023	Animal Life	Bird-3;
D5	02 Feb 2023	Floatables	None
D5	02 Feb 2023	Water Color	Green
D5	02 Feb 2023	Current Direction	S
D5	02 Feb 2023	Water Temp (C)	11
D5	02 Feb 2023	Wave Height Low (ft)	4
D5	02 Feb 2023	High Tide (ft)	5.28
D5	02 Feb 2023	High Tide Time	644
D5	02 Feb 2023	Low Tide (ft)	2.31
D5	02 Feb 2023	Low Tide Time	41
D5	02 Feb 2023	Comments	Water clear; Trash-1
D5	08 Feb 2023	Arrive Time	901
D5	08 Feb 2023	Weather	Sunny
D5	08 Feb 2023	Wind Speed (kts)	0
D5	08 Feb 2023	Wind Dir	
D5	08 Feb 2023	Animal Life	Bird-15;
D5	08 Feb 2023	Floatables	None
D5	08 Feb 2023	Water Color	Green
D5	08 Feb 2023	Current Direction	S
D5	08 Feb 2023	Water Temp (C)	9
D5	08 Feb 2023	Wave Height Low (ft)	2
D5	08 Feb 2023	High Tide (ft)	4.93
D5	08 Feb 2023	High Tide Time	954
D5	08 Feb 2023	Low Tide (ft)	1.45
D5	08 Feb 2023	Low Tide Time	404
D5	08 Feb 2023	Comments	Water clear; Trash-1; Algae
D5	15 Feb 2023	Arrive Time	848
D5	15 Feb 2023	Weather	Sunny
D5	15 Feb 2023	Wind Speed (kts)	7.5
D5	15 Feb 2023	Wind Dir	NE

Station	Date	Parameter	Value
D5	15 Feb 2023	Animal Life	
D5	15 Feb 2023	Floatables	None
D5	15 Feb 2023	Water Color	Green
D5	15 Feb 2023	Current Direction	S
D5	15 Feb 2023	Water Temp (C)	7
D5	15 Feb 2023	Wave Height Low (ft)	3
D5	15 Feb 2023	High Tide (ft)	4.93
D5	15 Feb 2023	High Tide Time	411
D5	15 Feb 2023	Low Tide (ft)	-0.33
D5	15 Feb 2023	Low Tide Time	1214
D5	15 Feb 2023	Comments	Water clear; Trash-1; Algae;Kelp
D5	22 Feb 2023	Arrive Time	853
D5	22 Feb 2023	Weather	Partly cloudy
D5	22 Feb 2023	Wind Speed (kts)	8.9
D5	22 Feb 2023	Wind Dir	W
D5	22 Feb 2023	Animal Life	
D5	22 Feb 2023	Floatables	Foam
D5	22 Feb 2023	Water Color	Green
D5	22 Feb 2023	Current Direction	S
D5	22 Feb 2023	Water Temp (C)	7
D5	22 Feb 2023	Wave Height Low (ft)	6
D5	22 Feb 2023	High Tide (ft)	5.38
D5	22 Feb 2023	High Tide Time	1009
D5	22 Feb 2023	Low Tide (ft)	0.4
D5	22 Feb 2023	Low Tide Time	412
D5	22 Feb 2023	Comments	Water clear; Trash-1; Algae;Debris
D7	01 Feb 2023	Arrive Time	841
D7	01 Feb 2023	Weather	Sunny
D7	01 Feb 2023	Wind Speed (kts)	0
D7	01 Feb 2023	Wind Dir	
D7	01 Feb 2023	Animal Life	
D7	01 Feb 2023	Floatables	None
D7	01 Feb 2023	Water Color	Green
D7	01 Feb 2023	Current Direction	S
D7	01 Feb 2023	Water Temp (C)	11
D7	01 Feb 2023	Wave Height Low (ft)	5
D7	01 Feb 2023	High Tide (ft)	5.1
D7	01 Feb 2023	High Tide Time	602
D7	01 Feb 2023	Low Tide (ft)	-0.42
D7	01 Feb 2023	Low Tide Time	1343
D7	01 Feb 2023	Comments	Water clear; Surfer/Paddle boarder-3; Trash-1; Algae
D7	08 Feb 2023	Arrive Time	841
D7	08 Feb 2023	Weather	Sunny
D7	08 Feb 2023	Wind Speed (kts)	0.6
D7	08 Feb 2023	Wind Dir	S
D7	08 Feb 2023	Animal Life	
D7	08 Feb 2023	Floatables	None
D7	08 Feb 2023	Water Color	Green
D7	08 Feb 2023	Current Direction	S
D7	08 Feb 2023	Water Temp (C)	9
D7	08 Feb 2023	Wave Height Low (ft)	2
D7	08 Feb 2023	High Tide (ft)	4.93
D7	08 Feb 2023	High Tide Time	954
D7	08 Feb 2023	Low Tide (ft)	1.45
D7	08 Feb 2023	Low Tide Time	404
D7	08 Feb 2023	Comments	Water clear; Trash-1; Seagrass;Algae; Person/Walker/Jogger-1

Station	Date	Parameter	Value
D7	15 Feb 2023	Arrive Time	826
D7	15 Feb 2023	Weather	Sunny
D7	15 Feb 2023	Wind Speed (kts)	3.1
D7	15 Feb 2023	Wind Dir	N
D7	15 Feb 2023	Animal Life	
D7	15 Feb 2023	Floatables	Plastic bag
D7	15 Feb 2023	Water Color	Green
D7	15 Feb 2023	Current Direction	S
D7	15 Feb 2023	Water Temp (C)	7
D7	15 Feb 2023	Wave Height Low (ft)	5
D7	15 Feb 2023	High Tide (ft)	4.93
D7	15 Feb 2023	High Tide Time	411
D7	15 Feb 2023	Low Tide (ft)	-0.33
D7	15 Feb 2023	Low Tide Time	1214
D7	15 Feb 2023	Comments	Water clear; Trash-3; Algae;Debris; Person/Walker/Jogger-4
D7	22 Feb 2023	Arrive Time	830
D7	22 Feb 2023	Weather	Partly cloudy
D7	22 Feb 2023	Wind Speed (kts)	9.7
D7	22 Feb 2023	Wind Dir	W
D7	22 Feb 2023	Animal Life	
D7	22 Feb 2023	Floatables	None
D7	22 Feb 2023	Water Color	Green
D7	22 Feb 2023	Current Direction	S
D7	22 Feb 2023	Water Temp (C)	8
D7	22 Feb 2023	Wave Height Low (ft)	5
D7	22 Feb 2023	High Tide (ft)	5.38
D7	22 Feb 2023	High Tide Time	1009
D7	22 Feb 2023	Low Tide (ft)	0.4
D7	22 Feb 2023	Low Tide Time	412
D7	22 Feb 2023	Comments	Water clear; Trash-1; Kelp;Algae
D8-B	01 Feb 2023	Arrive Time	829
D8-B	01 Feb 2023	Weather	Sunny
D8-B	01 Feb 2023	Wind Speed (kts)	1.1
D8-B	01 Feb 2023	Wind Dir	W
D8-B	01 Feb 2023	Animal Life	
D8-B	01 Feb 2023	Floatables	None
D8-B	01 Feb 2023	Water Color	Green
D8-B	01 Feb 2023	Current Direction	S
D8-B	01 Feb 2023	Water Temp (C)	9
D8-B	01 Feb 2023	Wave Height Low (ft)	5
D8-B	01 Feb 2023	High Tide (ft)	5.1
D8-B	01 Feb 2023	High Tide Time	602
D8-B	01 Feb 2023	Low Tide (ft)	-0.42
D8-B	01 Feb 2023	Low Tide Time	1343
D8-B	01 Feb 2023	Comments	Water clear; Boater/Kayaker-1; Trash-1; Algae;Debris
D8-B	08 Feb 2023	Arrive Time	829
D8-B	08 Feb 2023	Weather	Sunny
D8-B	08 Feb 2023	Wind Speed (kts)	1.5
D8-B	08 Feb 2023	Wind Dir	NE
D8-B	08 Feb 2023	Animal Life	
D8-B	08 Feb 2023	Floatables	None
D8-B	08 Feb 2023	Water Color	Green
D8-B	08 Feb 2023	Current Direction	S
D8-B	08 Feb 2023	Water Temp (C)	8
D8-B	08 Feb 2023	Wave Height Low (ft)	4
D8-B	08 Feb 2023	High Tide (ft)	4.93
D8-B	08 Feb 2023	High Tide Time	954
D8-B	08 Feb 2023	Low Tide (ft)	1.45

Station	Date	Parameter	Value
D8-B	08 Feb 2023	Low Tide Time	404
D8-B	08 Feb 2023	Comments	Water clear; Trash-1; Algae
D8-B	15 Feb 2023	Arrive Time	816
D8-B	15 Feb 2023	Weather	Sunny
D8-B	15 Feb 2023	Wind Speed (kts)	3.1
D8-B	15 Feb 2023	Wind Dir	W
D8-B	15 Feb 2023	Animal Life	
D8-B	15 Feb 2023	Floatables	None
D8-B	15 Feb 2023	Water Color	Green
D8-B	15 Feb 2023	Current Direction	S
D8-B	15 Feb 2023	Water Temp (C)	7
D8-B	15 Feb 2023	Wave Height Low (ft)	5
D8-B	15 Feb 2023	High Tide (ft)	4.93
D8-B	15 Feb 2023	High Tide Time	411
D8-B	15 Feb 2023	Low Tide (ft)	-0.33
D8-B	15 Feb 2023	Low Tide Time	1214
D8-B	15 Feb 2023	Comments	Water clear; Trash-1; Debris;Algae; Person/Walker/Jogger-1
D8-B	22 Feb 2023	Arrive Time	820
D8-B	22 Feb 2023	Weather	Partly cloudy
D8-B	22 Feb 2023	Wind Speed (kts)	18.6
D8-B	22 Feb 2023	Wind Dir	W
D8-B	22 Feb 2023	Animal Life	
D8-B	22 Feb 2023	Floatables	None
D8-B	22 Feb 2023	Water Color	Green
D8-B	22 Feb 2023	Current Direction	S
D8-B	22 Feb 2023	Water Temp (C)	8
D8-B	22 Feb 2023	Wave Height Low (ft)	6
D8-B	22 Feb 2023	High Tide (ft)	5.38
D8-B	22 Feb 2023	High Tide Time	1009
D8-B	22 Feb 2023	Low Tide (ft)	0.4
D8-B	22 Feb 2023	Low Tide Time	412
D8-B	22 Feb 2023	Comments	Water clear; Trash-1; Algae
D9	01 Feb 2023	Arrive Time	821
D9	01 Feb 2023	Weather	Sunny
D9	01 Feb 2023	Wind Speed (kts)	0.7
D9	01 Feb 2023	Wind Dir	W
D9	01 Feb 2023	Animal Life	
D9	01 Feb 2023	Floatables	None
D9	01 Feb 2023	Water Color	Green
D9	01 Feb 2023	Current Direction	S
D9	01 Feb 2023	Water Temp (C)	8
D9	01 Feb 2023	Wave Height Low (ft)	4
D9	01 Feb 2023	High Tide (ft)	5.1
D9	01 Feb 2023	High Tide Time	602
D9	01 Feb 2023	Low Tide (ft)	-0.42
D9	01 Feb 2023	Low Tide Time	1343
D9	01 Feb 2023	Comments	Water clear; Surfer/Paddle boarder-1; Trash-1; Algae
D9	08 Feb 2023	Arrive Time	821
D9	08 Feb 2023	Weather	Sunny
D9	08 Feb 2023	Wind Speed (kts)	1.8
D9	08 Feb 2023	Wind Dir	NE
D9	08 Feb 2023	Animal Life	
D9	08 Feb 2023	Floatables	None
D9	08 Feb 2023	Water Color	Green
D9	08 Feb 2023	Current Direction	S
D9	08 Feb 2023	Water Temp (C)	6
D9	08 Feb 2023	Wave Height Low (ft)	3

Station	Date	Parameter	Value
D9	08 Feb 2023	High Tide (ft)	4.93
D9	08 Feb 2023	High Tide Time	954
D9	08 Feb 2023	Low Tide (ft)	1.45
D9	08 Feb 2023	Low Tide Time	404
D9	08 Feb 2023	Comments	Water clear; Surfer/Paddle boarder-2; Trash-1; Algae
D9	15 Feb 2023	Arrive Time	808
D9	15 Feb 2023	Weather	Sunny
D9	15 Feb 2023	Wind Speed (kts)	1.3
D9	15 Feb 2023	Wind Dir	N
D9	15 Feb 2023	Animal Life	
D9	15 Feb 2023	Floatables	None
D9	15 Feb 2023	Water Color	Green
D9	15 Feb 2023	Current Direction	S
D9	15 Feb 2023	Water Temp (C)	8
D9	15 Feb 2023	Wave Height Low (ft)	6
D9	15 Feb 2023	High Tide (ft)	4.93
D9	15 Feb 2023	High Tide Time	411
D9	15 Feb 2023	Low Tide (ft)	-0.33
D9	15 Feb 2023	Low Tide Time	1214
D9	15 Feb 2023	Comments	Water clear; Trash-1; Algae
D9	22 Feb 2023	Arrive Time	813
D9	22 Feb 2023	Weather	Partly cloudy
D9	22 Feb 2023	Wind Speed (kts)	16.2
D9	22 Feb 2023	Wind Dir	W
D9	22 Feb 2023	Animal Life	
D9	22 Feb 2023	Floatables	None
D9	22 Feb 2023	Water Color	Green
D9	22 Feb 2023	Current Direction	S
D9	22 Feb 2023	Water Temp (C)	7
D9	22 Feb 2023	Wave Height Low (ft)	6
D9	22 Feb 2023	High Tide (ft)	5.38
D9	22 Feb 2023	High Tide Time	1009
D9	22 Feb 2023	Low Tide (ft)	0.4
D9	22 Feb 2023	Low Tide Time	412
D9	22 Feb 2023	Comments	Water clear; Trash-1; Algae
D10	01 Feb 2023	Arrive Time	812
D10	01 Feb 2023	Weather	Sunny
D10	01 Feb 2023	Wind Speed (kts)	0.7
D10	01 Feb 2023	Wind Dir	W
D10	01 Feb 2023	Animal Life	
D10	01 Feb 2023	Floatables	None
D10	01 Feb 2023	Water Color	Green
D10	01 Feb 2023	Current Direction	S
D10	01 Feb 2023	Water Temp (C)	8
D10	01 Feb 2023	Wave Height Low (ft)	5
D10	01 Feb 2023	High Tide (ft)	5.1
D10	01 Feb 2023	High Tide Time	602
D10	01 Feb 2023	Low Tide (ft)	-0.42
D10	01 Feb 2023	Low Tide Time	1343
D10	01 Feb 2023	Comments	Water clear; Surfer/Paddle boarder-7; Trash-1; Kelp; Seagrass; Person/Walker/Jogger-1
D10	08 Feb 2023	Arrive Time	811
D10	08 Feb 2023	Weather	Sunny
D10	08 Feb 2023	Wind Speed (kts)	0.8
D10	08 Feb 2023	Wind Dir	E
D10	08 Feb 2023	Animal Life	Bird-1;
D10	08 Feb 2023	Floatables	A lot of seagrass

Station	Date	Parameter	Value
D10	08 Feb 2023	Water Color	Green
D10	08 Feb 2023	Current Direction	S
D10	08 Feb 2023	Water Temp (C)	7
D10	08 Feb 2023	Wave Height Low (ft)	4
D10	08 Feb 2023	High Tide (ft)	4.93
D10	08 Feb 2023	High Tide Time	954
D10	08 Feb 2023	Low Tide (ft)	1.45
D10	08 Feb 2023	Low Tide Time	404
D10	08 Feb 2023	Comments	Water turbid; Surfer/Paddle boarder-5; Trash-2; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-2
D10	15 Feb 2023	Arrive Time	800
D10	15 Feb 2023	Weather	Sunny
D10	15 Feb 2023	Wind Speed (kts)	2.3
D10	15 Feb 2023	Wind Dir	NW
D10	15 Feb 2023	Animal Life	Dog-1;
D10	15 Feb 2023	Floatables	None
D10	15 Feb 2023	Water Color	Green
D10	15 Feb 2023	Current Direction	S
D10	15 Feb 2023	Water Temp (C)	8
D10	15 Feb 2023	Wave Height Low (ft)	5
D10	15 Feb 2023	High Tide (ft)	4.93
D10	15 Feb 2023	High Tide Time	411
D10	15 Feb 2023	Low Tide (ft)	-0.33
D10	15 Feb 2023	Low Tide Time	1214
D10	15 Feb 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Debris; Person/Walker/Jogger-1
D10	22 Feb 2023	Arrive Time	804
D10	22 Feb 2023	Weather	Partly cloudy
D10	22 Feb 2023	Wind Speed (kts)	19.4
D10	22 Feb 2023	Wind Dir	W
D10	22 Feb 2023	Animal Life	
D10	22 Feb 2023	Floatables	None
D10	22 Feb 2023	Water Color	Green
D10	22 Feb 2023	Current Direction	S
D10	22 Feb 2023	Water Temp (C)	5
D10	22 Feb 2023	Wave Height Low (ft)	6
D10	22 Feb 2023	High Tide (ft)	5.38
D10	22 Feb 2023	High Tide Time	1009
D10	22 Feb 2023	Low Tide (ft)	0.4
D10	22 Feb 2023	Low Tide Time	412
D10	22 Feb 2023	Comments	Water clear; Trash-1; Seagrass;Algae;Kelp;Debris
D11	01 Feb 2023	Arrive Time	804
D11	01 Feb 2023	Weather	Sunny
D11	01 Feb 2023	Wind Speed (kts)	3
D11	01 Feb 2023	Wind Dir	W
D11	01 Feb 2023	Animal Life	Dolphin-2;
D11	01 Feb 2023	Floatables	None
D11	01 Feb 2023	Water Color	Green
D11	01 Feb 2023	Current Direction	S
D11	01 Feb 2023	Water Temp (C)	8
D11	01 Feb 2023	Wave Height Low (ft)	6
D11	01 Feb 2023	High Tide (ft)	5.1
D11	01 Feb 2023	High Tide Time	602
D11	01 Feb 2023	Low Tide (ft)	-0.42
D11	01 Feb 2023	Low Tide Time	1343
D11	01 Feb 2023	Comments	Water clear; Surfer/Paddle boarder-12; Trash-1; Kelp;Seagrass;Algae

Station	Date	Parameter	Value
D11	08 Feb 2023	Arrive Time	802
D11	08 Feb 2023	Weather	Sunny
D11	08 Feb 2023	Wind Speed (kts)	4.5
D11	08 Feb 2023	Wind Dir	E
D11	08 Feb 2023	Animal Life	Dog-1;
D11	08 Feb 2023	Floatables	None
D11	08 Feb 2023	Water Color	Green
D11	08 Feb 2023	Current Direction	S
D11	08 Feb 2023	Water Temp (C)	7
D11	08 Feb 2023	Wave Height Low (ft)	4
D11	08 Feb 2023	High Tide (ft)	4.93
D11	08 Feb 2023	High Tide Time	954
D11	08 Feb 2023	Low Tide (ft)	1.45
D11	08 Feb 2023	Low Tide Time	404
D11	08 Feb 2023	Comments	Water clear; Surfer/Paddle boarder-4; Trash-1; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-4
D11	15 Feb 2023	Arrive Time	751
D11	15 Feb 2023	Weather	Sunny
D11	15 Feb 2023	Wind Speed (kts)	1.9
D11	15 Feb 2023	Wind Dir	W
D11	15 Feb 2023	Animal Life	Bird-1;
D11	15 Feb 2023	Floatables	None
D11	15 Feb 2023	Water Color	Green
D11	15 Feb 2023	Current Direction	S
D11	15 Feb 2023	Water Temp (C)	9
D11	15 Feb 2023	Wave Height Low (ft)	5
D11	15 Feb 2023	High Tide (ft)	4.93
D11	15 Feb 2023	High Tide Time	411
D11	15 Feb 2023	Low Tide (ft)	-0.33
D11	15 Feb 2023	Low Tide Time	1214
D11	15 Feb 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-3
D11	22 Feb 2023	Arrive Time	757
D11	22 Feb 2023	Weather	Partly cloudy
D11	22 Feb 2023	Wind Speed (kts)	12.6
D11	22 Feb 2023	Wind Dir	W
D11	22 Feb 2023	Animal Life	Bird-3;
D11	22 Feb 2023	Floatables	None
D11	22 Feb 2023	Water Color	Green
D11	22 Feb 2023	Current Direction	S
D11	22 Feb 2023	Water Temp (C)	6
D11	22 Feb 2023	Wave Height Low (ft)	6
D11	22 Feb 2023	High Tide (ft)	5.38
D11	22 Feb 2023	High Tide Time	1009
D11	22 Feb 2023	Low Tide (ft)	0.4
D11	22 Feb 2023	Low Tide Time	412
D11	22 Feb 2023	Comments	Water clear; Trash-1; Algae;Debris
D12	01 Feb 2023	Arrive Time	748
D12	01 Feb 2023	Weather	Sunny
D12	01 Feb 2023	Wind Speed (kts)	0.6
D12	01 Feb 2023	Wind Dir	N
D12	01 Feb 2023	Animal Life	Dolphin-5;
D12	01 Feb 2023	Floatables	None
D12	01 Feb 2023	Water Color	Green
D12	01 Feb 2023	Current Direction	S
D12	01 Feb 2023	Water Temp (C)	8
D12	01 Feb 2023	Wave Height Low (ft)	3
D12	01 Feb 2023	High Tide (ft)	5.1

Station	Date	Parameter	Value
D12	01 Feb 2023	High Tide Time	602
D12	01 Feb 2023	Low Tide (ft)	-0.42
D12	01 Feb 2023	Low Tide Time	1343
D12	01 Feb 2023	Comments	Water clear; Fisherpersion-1; Trash-1; Kelp;Seagrass
D12	08 Feb 2023	Arrive Time	746
D12	08 Feb 2023	Weather	Sunny
D12	08 Feb 2023	Wind Speed (kts)	1.5
D12	08 Feb 2023	Wind Dir	S
D12	08 Feb 2023	Animal Life	Bird-2;
D12	08 Feb 2023	Floatables	None
D12	08 Feb 2023	Water Color	Green
D12	08 Feb 2023	Current Direction	S
D12	08 Feb 2023	Water Temp (C)	6
D12	08 Feb 2023	Wave Height Low (ft)	4
D12	08 Feb 2023	High Tide (ft)	4.93
D12	08 Feb 2023	High Tide Time	954
D12	08 Feb 2023	Low Tide (ft)	1.45
D12	08 Feb 2023	Low Tide Time	404
D12	08 Feb 2023	Comments	Water clear; Surfer/Paddle boarder-1; Trash-1; Kelp;Seagrass; Person/Walker/Jogger-3
D12	15 Feb 2023	Arrive Time	737
D12	15 Feb 2023	Weather	Sunny
D12	15 Feb 2023	Wind Speed (kts)	1.9
D12	15 Feb 2023	Wind Dir	W
D12	15 Feb 2023	Animal Life	Bird-3;
D12	15 Feb 2023	Floatables	Foam
D12	15 Feb 2023	Water Color	Green
D12	15 Feb 2023	Current Direction	S
D12	15 Feb 2023	Water Temp (C)	6
D12	15 Feb 2023	Wave Height Low (ft)	4
D12	15 Feb 2023	High Tide (ft)	4.93
D12	15 Feb 2023	High Tide Time	411
D12	15 Feb 2023	Low Tide (ft)	-0.33
D12	15 Feb 2023	Low Tide Time	1214
D12	15 Feb 2023	Comments	Water clear; Trash-2; Debris;Kelp;Seagrass
D12	22 Feb 2023	Arrive Time	743
D12	22 Feb 2023	Weather	Partly cloudy
D12	22 Feb 2023	Wind Speed (kts)	9.8
D12	22 Feb 2023	Wind Dir	W
D12	22 Feb 2023	Animal Life	Bird-3;
D12	22 Feb 2023	Floatables	Foam
D12	22 Feb 2023	Water Color	Green
D12	22 Feb 2023	Current Direction	S
D12	22 Feb 2023	Water Temp (C)	4
D12	22 Feb 2023	Wave Height Low (ft)	7
D12	22 Feb 2023	High Tide (ft)	5.38
D12	22 Feb 2023	High Tide Time	1009
D12	22 Feb 2023	Low Tide (ft)	0.4
D12	22 Feb 2023	Low Tide Time	412
D12	22 Feb 2023	Comments	Water clear; Trash-2; Kelp;Seagrass;Debris

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

* 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 Feb 2023	6	3	3	4	5	2	3	2
02 Feb 2023	6	3	3	4	5	2	3	2
03 Feb 2023	5	3	3	3	3	3	3	2
04 Feb 2023	5	3	3	3	3	3	3	2
05 Feb 2023	5	3	3	3	3	3	3	2
06 Feb 2023	5	3	3	3	3	3	3	2
07 Feb 2023	5	3	3	3	3	3	3	2
08 Feb 2023	5	3	3	3	3	3	3	2
09 Feb 2023	5	3	3	3	3	3	3	2
10 Feb 2023	4	3	3	3	3	2	3	3
11 Feb 2023	4	4	3	3	3	3	3	3
12 Feb 2023	4	4	3	3	3	3	3	3
13 Feb 2023	3	3	3	3	3	2	3	3
14 Feb 2023	3	3	3	3	3	2	3	3
15 Feb 2023	3	3	3	3	3	2	3	3
16 Feb 2023	3	3	3	3	3	2	3	3
17 Feb 2023	2	2	2	2	2	2	2	3
18 Feb 2023	2	2	2	2	2	2	2	3
19 Feb 2023	2	2	2	2	2	2	2	3
20 Feb 2023	2	2	2	2	2	2	2	3
21 Feb 2023	2	2	2	2	2	2	2	3
22 Feb 2023	2	2	2	2	2	2	2	3
23 Feb 2023	2	2	2	2	2	2	2	4
24 Feb 2023	2	2	2	2	2	2	2	4
25 Feb 2023	2	2	2	2	2	2	2	4
26 Feb 2023	2	2	2	2	2	2	2	4
27 Feb 2023	2	2	3	2	2	2	3	3
28 Feb 2023	2	2	3	2	2	2	3	3
01 Mar 2023	2	2	3	2	2	2	3	3
02 Mar 2023	2	2	3	2	2	2	3	3
03 Mar 2023	2	2	3	2	2	2	3	3
04 Mar 2023	2	2	3	2	2	2	3	3

* Geometric mean calculated using n<5

Table 3.3

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Feb 2023	3	3	3	3	5	3	2	2
02 Feb 2023	3	3	3	3	5	3	2	2
03 Feb 2023	4	3	3	3	3	3	3	2
04 Feb 2023	4	3	3	3	3	3	3	2
05 Feb 2023	4	3	3	3	3	3	3	2
06 Feb 2023	4	3	3	3	3	3	3	2
07 Feb 2023	4	3	3	3	3	3	3	2
08 Feb 2023	4	3	3	3	3	3	3	2
09 Feb 2023	4	3	3	3	3	3	3	2
10 Feb 2023	3	3	3	3	3	3	2	2
11 Feb 2023	4	3	3	3	3	3	3	2
12 Feb 2023	4	3	3	3	3	3	3	2
13 Feb 2023	3	3	3	3	3	3	2	2
14 Feb 2023	3	3	3	3	3	3	2	2
15 Feb 2023	3	3	3	3	3	3	2	2
16 Feb 2023	3	3	3	3	3	3	2	2
17 Feb 2023	2	2	2	2	2	2	2	2
18 Feb 2023	2	2	2	2	2	2	2	2
19 Feb 2023	2	2	2	2	2	2	2	2
20 Feb 2023	2	2	2	2	2	2	2	2
21 Feb 2023	2	2	2	2	2	2	2	2
22 Feb 2023	2	2	2	2	2	2	2	2
23 Feb 2023	2	2	2	2	2	2	2	2
24 Feb 2023	2	2	2	2	2	2	2	2
25 Feb 2023	2	2	2	2	2	2	2	2
26 Feb 2023	2	2	2	2	2	2	2	2
27 Feb 2023	2	2	2	2	2	2	2	2
28 Feb 2023	2	2	2	2	2	2	2	2
01 Mar 2023	2	2	2	2	2	2	2	2
02 Mar 2023	2	2	2	2	2	2	2	2
03 Mar 2023	2	2	2	2	2	2	2	2
04 Mar 2023	2	2	2	2	2	2	2	2

* Geometric mean calculated using n<5

Table 3.4

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
10 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
13 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
21 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
27 Feb 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
10 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
13 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
21 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
27 Feb 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
10 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
13 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
21 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
27 Feb 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
10 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
13 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
21 Feb 2023	IC	IC	IC	IC	IC	IC	IC	IC
27 Feb 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	10 Feb 2023	752	1	6e	<2	<2	0.33	13.6	82.47	8.0	33.33	8.1
A1	10 Feb 2023	752	12	4e	2e	<2	0.50	13.4	82.64	7.4	33.35	8.0
A1	10 Feb 2023	752	18	28e	6e	<2	0.21	12.7	85.36	5.9	33.44	8.0
A1	13 Feb 2023	810	1	<2	<2	<2	1.00	13.9	87.31	8.4	33.30	8.1
A1	13 Feb 2023	810	12	<2	<2	<2	1.00	13.5	82.25	7.9	33.33	8.1
A1	13 Feb 2023	810	18	<20	2e	<2	0.10	13.1	77.32	7.4	33.38	8.0
A1	21 Feb 2023	819	1	<2	<2	<2	1.00	13.5	87.59	8.2	33.37	8.0
A1	21 Feb 2023	819	12	2e	<2	<2	1.00	12.9	88.00	6.7	33.42	7.9
A1	21 Feb 2023	819	18	<2	<2	<2	1.00	12.5	83.18	5.8	33.47	7.8
A1	27 Feb 2023	841	1	42	2e	<2	0.05	13.0	74.90	8.2	33.26	8.1
A1	27 Feb 2023	841	12	22e	2e	<2	0.09	13.0	77.87	7.8	33.31	8.1
A1	27 Feb 2023	841	18	38e	<2	<2	0.05	13.0	79.30	7.6	33.32	8.0
A6	10 Feb 2023	816	1	10e	<2	2e	0.20	13.9	79.21	8.5	33.32	8.1
A6	10 Feb 2023	816	12	<2	<2	<2	1.00	13.7	80.95	8.2	33.33	8.1
A6	10 Feb 2023	816	18	36e	4e	2e	0.11	12.9	82.85	6.4	33.43	8.0
A6	13 Feb 2023	838	1	<2	<2	<2	1.00	14.1	89.00	8.6	33.30	8.2
A6	13 Feb 2023	838	12	6e	<2	<2	0.33	13.9	85.79	8.2	33.34	8.1
A6	13 Feb 2023	838	18	<2	<2	<2	1.00	13.8	86.17	7.9	33.34	8.1
A6	21 Feb 2023	845	1	<2	<2	<2	1.00	13.6	84.26	8.7	33.38	8.1
A6	21 Feb 2023	845	12	30e	4e	<2	0.13	12.5	88.61	6.0	33.47	7.9
A6	21 Feb 2023	845	18	26e	2e	<2	0.08	12.3	89.39	5.6	33.49	7.8
A6	27 Feb 2023	903	1	2e	4e	<2	2.00	13.1	83.66	7.9	33.32	8.0
A6	27 Feb 2023	903	12	6e	<2	<2	0.33	13.0	83.47	7.8	33.32	8.0
A6	27 Feb 2023	903	18	4e	<2	2e	0.50	13.0	84.33	7.8	33.31	8.0
A7	10 Feb 2023	758	1	8e	<2	<2	0.25	13.8	81.35	8.4	33.33	8.1
A7	10 Feb 2023	758	12	2e	<2	<2	1.00	13.5	82.52	7.5	33.36	8.1
A7	10 Feb 2023	758	18	36e	4e	2e	0.11	12.8	87.55	6.2	33.43	8.0
A7	13 Feb 2023	826	1	<2	2e	<2	1.00	14.2	89.13	8.6	33.30	8.2
A7	13 Feb 2023	826	12	<2	<2	<2	1.00	13.9	86.91	8.2	33.31	8.1
A7	13 Feb 2023	826	18	4e	<2	2e	0.50	13.4	86.44	7.3	33.35	8.1
A7	21 Feb 2023	835	1	2e	<2	<2	1.00	13.5	86.41	8.2	33.37	8.0
A7	21 Feb 2023	835	12	4e	<2	<2	0.50	12.5	89.74	6.1	33.45	7.9
A7	21 Feb 2023	835	18	2e	<2	<2	1.00	12.4	89.56	5.9	33.47	7.9
A7	27 Feb 2023	852	1	4e	<2	<2	0.50	13.2	83.03	8.1	33.34	8.1
A7	27 Feb 2023	852	12	10e	4e	<2	0.40	13.2	82.85	8.0	33.34	8.0
A7	27 Feb 2023	852	18	240e	32e	<2	0.13	13.1	76.39	5.3	33.36	8.0
C4	10 Feb 2023	920	1	<2	<2	<2	1.00	13.6	81.69	8.1	33.33	8.1
C4	10 Feb 2023	920	3	<2	<2	<2	1.00	13.6	81.11	8.0	33.33	8.1
C4	10 Feb 2023	920	9	4e	2e	<2	0.50	13.0	81.39	6.1	33.41	8.0

Station	Date	Time	Depth	Total	Fecal	Entero	F:T	Temp	XMS	DO	Sal	pH
C4	13 Feb 2023	947	1	<2	<2	<2	1.00	13.7	76.89	8.2	33.29	8.1
C4	13 Feb 2023	947	3	<2	<2	<2	1.00	13.7	76.30	8.2	33.30	8.1
C4	13 Feb 2023	947	9	<2	2e	<2	1.00	13.3	77.59	6.8	33.38	8.0
C4	21 Feb 2023	949	1	<2	<2	<2	1.00	13.5	87.70	8.1	33.37	8.1
C4	21 Feb 2023	949	3	<2	<2	<2	1.00	13.3	87.69	7.7	33.38	8.0
C4	21 Feb 2023	949	9	<2	<2	<2	1.00	13.0	87.41	6.9	33.42	8.0
C4	27 Feb 2023	1011	1	34e	2e	<2	0.06	13.1	70.92	8.4	33.15	8.1
C4	27 Feb 2023	1011	3	44	<2	2e	0.05	13.0	69.73	8.0	33.27	8.1
C4	27 Feb 2023	1011	9	12e	<2	<2	0.17	12.9	73.86	7.7	33.30	8.0
C5	10 Feb 2023	910	1	<2	<2	<2	1.00	13.8	81.27	8.3	33.31	8.1
C5	10 Feb 2023	910	3	<2	<2	<2	1.00	13.7	80.82	8.0	33.33	8.1
C5	10 Feb 2023	910	9	<2	<2	<2	1.00	13.6	81.78	7.4	33.38	8.1
C5	13 Feb 2023	935	1	<2	<2	<2	1.00	13.8	83.30	8.3	33.05	8.1
C5	13 Feb 2023	935	3	4e	<2	<2	0.50	13.8	83.36	8.2	33.27	8.1
C5	13 Feb 2023	935	9	<2	<2	<2	1.00	13.3	78.70	6.5	33.40	8.0
C5	21 Feb 2023	938	1	<2	<2	<2	1.00	13.5	82.08	8.4	33.40	8.1
C5	21 Feb 2023	938	3	<2	<2	<2	1.00	13.5	80.41	8.4	33.40	8.1
C5	21 Feb 2023	938	9	<2	<2	<2	1.00	13.5	83.13	8.3	33.40	8.1
C5	27 Feb 2023	1001	1	2e	<2	<2	1.00	13.1	75.41	8.0	33.30	8.0
C5	27 Feb 2023	1001	3	4e	<2	<2	0.50	13.0	72.17	8.0	33.30	8.0
C5	27 Feb 2023	1001	9	4e	<2	<2	0.50	13.0	75.75	7.9	33.30	8.0
C6	10 Feb 2023	900	1	<2	<2	<2	1.00	13.8	81.77	8.3	33.33	8.1
C6	10 Feb 2023	900	3	<2	<2	<2	1.00	13.7	81.02	8.2	33.34	8.1
C6	10 Feb 2023	900	9	12e	<2	<2	0.17	13.0	85.83	6.1	33.43	8.0
C6	13 Feb 2023	923	1	<2	<2	<2	1.00	14.0	86.14	8.5	33.30	8.2
C6	13 Feb 2023	923	3	<2	<2	<2	1.00	13.9	86.00	8.5	33.29	8.2
C6	13 Feb 2023	923	9	<2	<2	<2	1.00	13.4	82.98	7.0	33.35	8.0
C6	21 Feb 2023	927	1	<2	<2	<2	1.00	13.6	82.85	8.7	33.39	8.1
C6	21 Feb 2023	927	3	<2	<2	<2	1.00	13.6	82.79	8.7	33.39	8.1
C6	21 Feb 2023	927	9	<2	<2	2e	1.00	13.1	83.51	6.8	33.46	8.0
C6	27 Feb 2023	950	1	<2	<2	<2	1.00	13.0	80.00	8.0	33.29	8.0
C6	27 Feb 2023	950	3	2e	<2	<2	1.00	13.0	79.77	8.0	33.29	8.0
C6	27 Feb 2023	950	9	<2	<2	<2	1.00	13.0	81.79	7.9	33.30	8.0
C7	10 Feb 2023	829	1	2e	2e	<2	1.00	13.8	80.43	8.6	33.30	8.1
C7	10 Feb 2023	829	12	4e	<2	<2	0.50	13.8	80.19	8.1	33.33	8.1
C7	10 Feb 2023	829	18	38e	<2	<2	0.05	12.6	88.98	5.7	33.45	7.9
C7	13 Feb 2023	852	1	4e	<2	<2	0.50	14.1	85.84	8.5	33.30	8.2
C7	13 Feb 2023	852	12	2e	<2	<2	1.00	14.0	87.09	8.3	33.31	8.2
C7	13 Feb 2023	852	18	2e	2e	<2	1.00	13.1	86.82	6.8	33.40	8.0
C7	21 Feb 2023	857	1	22e	4e	<2	0.18	13.7	81.18	9.0	33.38	8.1
C7	21 Feb 2023	857	12	6e	<2	<2	0.33	12.9	86.96	6.9	33.44	8.0
C7	21 Feb 2023	857	18	66	2e	<2	0.03	12.2	87.67	5.6	33.51	7.8
C7	27 Feb 2023	918	1	2e	<2	<2	1.00	13.1	82.39	8.1	33.30	8.1
C7	27 Feb 2023	918	12	10e	2e	<2	0.20	13.1	83.08	8.0	33.32	8.1
C7	27 Feb 2023	918	18	<20	10e	<2	0.50	13.1	85.97	7.5	33.36	8.0

Station	Date	Time	Depth	Total	Fecal	Entero	F:T	Temp	XMS	DO	Sal	pH
C8	10 Feb 2023	841	1	<2	<2	<2	1.00	13.9	79.86	9.0	33.28	8.2
C8	10 Feb 2023	841	12	48	2e	<2	0.04	12.9	82.42	6.2	33.42	8.0
C8	10 Feb 2023	841	18	46	10e	2e	0.22	12.5	88.50	5.4	33.47	7.9
C8	13 Feb 2023	903	1	<2	<2	<2	1.00	14.0	86.42	8.4	33.32	8.1
C8	13 Feb 2023	903	12	<2	<2	<2	1.00	13.8	84.73	8.0	33.35	8.1
C8	13 Feb 2023	903	18	2e	2e	<2	1.00	13.2	85.65	6.9	33.41	8.1
C8	21 Feb 2023	907	1	52	4e	<2	0.08	13.6	81.74	8.9	33.37	8.1
C8	21 Feb 2023	907	12	80e	12e	<2	0.15	12.4	84.92	5.9	33.48	7.9
C8	21 Feb 2023	907	18	54	8e	<2	0.15	12.3	84.98	5.8	33.51	7.9
C8	27 Feb 2023	930	1	2e	<2	<2	1.00	13.1	80.06	8.2	33.26	8.1
C8	27 Feb 2023	930	12	2e	<2	<2	1.00	13.2	81.92	8.1	33.34	8.1
C8	27 Feb 2023	930	18	<2	<2	<2	1.00	13.2	81.46	8.1	33.34	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	10 Feb 2023	Depth (m)	18
A1	10 Feb 2023	Arrive Time	750
A1	10 Feb 2023	Depart Time	752
A1	10 Feb 2023	Air Temp (C)	16.3
A1	10 Feb 2023	Weather	Clear
A1	10 Feb 2023	Visibility (mi)	12
A1	10 Feb 2023	Wind Speed (kts)	0
A1	10 Feb 2023	Wind Dir	N
A1	10 Feb 2023	Water Color	Greenish-Blue
A1	10 Feb 2023	Wave Ht Low (ft)	4
A1	10 Feb 2023	Wave Period (sec)	12
A1	10 Feb 2023	Sea State	Calm
A1	10 Feb 2023	High Tide (ft)	4.26
A1	10 Feb 2023	High Tide Time	2354
A1	10 Feb 2023	Low Tide (ft)	0.77
A1	10 Feb 2023	Low Tide Time	1718
A1	10 Feb 2023	Comments	none
A1	13 Feb 2023	Depth (m)	18
A1	13 Feb 2023	Arrive Time	810
A1	13 Feb 2023	Depart Time	819
A1	13 Feb 2023	Air Temp (C)	11.7
A1	13 Feb 2023	Weather	Partly Cloudy
A1	13 Feb 2023	Visibility (mi)	10
A1	13 Feb 2023	Wind Speed (kts)	7.3
A1	13 Feb 2023	Wind Dir	SE
A1	13 Feb 2023	Water Color	Greenish-Blue
A1	13 Feb 2023	Wave Ht Low (ft)	5
A1	13 Feb 2023	Wave Period (sec)	9
A1	13 Feb 2023	Sea State	Rough
A1	13 Feb 2023	High Tide (ft)	4.5
A1	13 Feb 2023	High Tide Time	124
A1	13 Feb 2023	Low Tide (ft)	1.03
A1	13 Feb 2023	Low Tide Time	936
A1	13 Feb 2023	Comments	none
A1	21 Feb 2023	Depth (m)	19
A1	21 Feb 2023	Arrive Time	819
A1	21 Feb 2023	Depart Time	828
A1	21 Feb 2023	Air Temp (C)	11.9
A1	21 Feb 2023	Weather	Overcast
A1	21 Feb 2023	Visibility (mi)	9
A1	21 Feb 2023	Wind Speed (kts)	7
A1	21 Feb 2023	Wind Dir	E
A1	21 Feb 2023	Water Color	Greenish-Blue
A1	21 Feb 2023	Wave Ht Low (ft)	4
A1	21 Feb 2023	Wave Period (sec)	15
A1	21 Feb 2023	Sea State	Heavy Chop
A1	21 Feb 2023	High Tide (ft)	6.09
A1	21 Feb 2023	High Tide Time	924
A1	21 Feb 2023	Low Tide (ft)	-1.1
A1	21 Feb 2023	Low Tide Time	1606
A1	21 Feb 2023	Comments	none
A1	27 Feb 2023	Depth (m)	18
A1	27 Feb 2023	Arrive Time	841

Station	Date	Parameter	Value
A1	27 Feb 2023	Depart Time	844
A1	27 Feb 2023	Air Temp (C)	9.3
A1	27 Feb 2023	Weather	Haze
A1	27 Feb 2023	Visibility (mi)	10
A1	27 Feb 2023	Wind Speed (kts)	6.3
A1	27 Feb 2023	Wind Dir	E
A1	27 Feb 2023	Water Color	Green
A1	27 Feb 2023	Wave Ht Low (ft)	3
A1	27 Feb 2023	Wave Period (sec)	8
A1	27 Feb 2023	Sea State	Calm
A1	27 Feb 2023	High Tide (ft)	4.37
A1	27 Feb 2023	High Tide Time	154
A1	27 Feb 2023	Low Tide (ft)	0.58
A1	27 Feb 2023	Low Tide Time	1036
A1	27 Feb 2023	Comments	none
A6	10 Feb 2023	Depth (m)	19
A6	10 Feb 2023	Arrive Time	816
A6	10 Feb 2023	Depart Time	821
A6	10 Feb 2023	Air Temp (C)	14.3
A6	10 Feb 2023	Weather	Clear
A6	10 Feb 2023	Visibility (mi)	12
A6	10 Feb 2023	Wind Speed (kts)	6
A6	10 Feb 2023	Wind Dir	NW
A6	10 Feb 2023	Water Color	Greenish-Blue
A6	10 Feb 2023	Wave Ht Low (ft)	4
A6	10 Feb 2023	Wave Period (sec)	12
A6	10 Feb 2023	Sea State	Calm
A6	10 Feb 2023	High Tide (ft)	4.26
A6	10 Feb 2023	High Tide Time	2354
A6	10 Feb 2023	Low Tide (ft)	0.77
A6	10 Feb 2023	Low Tide Time	1718
A6	10 Feb 2023	Comments	none
A6	13 Feb 2023	Depth (m)	20
A6	13 Feb 2023	Arrive Time	838
A6	13 Feb 2023	Depart Time	843
A6	13 Feb 2023	Air Temp (C)	11.9
A6	13 Feb 2023	Weather	Partly Cloudy
A6	13 Feb 2023	Visibility (mi)	10
A6	13 Feb 2023	Wind Speed (kts)	4.3
A6	13 Feb 2023	Wind Dir	S
A6	13 Feb 2023	Water Color	Greenish-Blue
A6	13 Feb 2023	Wave Ht Low (ft)	5
A6	13 Feb 2023	Wave Period (sec)	9
A6	13 Feb 2023	Sea State	Rough
A6	13 Feb 2023	High Tide (ft)	4.5
A6	13 Feb 2023	High Tide Time	124
A6	13 Feb 2023	Low Tide (ft)	1.03
A6	13 Feb 2023	Low Tide Time	936
A6	13 Feb 2023	Comments	none
A6	21 Feb 2023	Depth (m)	18
A6	21 Feb 2023	Arrive Time	845
A6	21 Feb 2023	Depart Time	848
A6	21 Feb 2023	Air Temp (C)	11.9
A6	21 Feb 2023	Weather	Overcast
A6	21 Feb 2023	Visibility (mi)	9
A6	21 Feb 2023	Wind Speed (kts)	3.5
A6	21 Feb 2023	Wind Dir	NE
A6	21 Feb 2023	Water Color	Greenish-Blue

Station	Date	Parameter	Value
A6	21 Feb 2023	Wave Ht Low (ft)	4
A6	21 Feb 2023	Wave Period (sec)	15
A6	21 Feb 2023	Sea State	Heavy Chop
A6	21 Feb 2023	High Tide (ft)	6.09
A6	21 Feb 2023	High Tide Time	924
A6	21 Feb 2023	Low Tide (ft)	-1.1
A6	21 Feb 2023	Low Tide Time	1606
A6	21 Feb 2023	Comments	none
A6	27 Feb 2023	Depth (m)	18
A6	27 Feb 2023	Arrive Time	903
A6	27 Feb 2023	Depart Time	906
A6	27 Feb 2023	Air Temp (C)	10.6
A6	27 Feb 2023	Weather	Partly Cloudy
A6	27 Feb 2023	Visibility (mi)	10
A6	27 Feb 2023	Wind Speed (kts)	10.5
A6	27 Feb 2023	Wind Dir	E
A6	27 Feb 2023	Water Color	Green
A6	27 Feb 2023	Wave Ht Low (ft)	3
A6	27 Feb 2023	Wave Period (sec)	8
A6	27 Feb 2023	Sea State	Light Chop
A6	27 Feb 2023	High Tide (ft)	4.37
A6	27 Feb 2023	High Tide Time	154
A6	27 Feb 2023	Low Tide (ft)	0.58
A6	27 Feb 2023	Low Tide Time	1036
A6	27 Feb 2023	Comments	none
A7	10 Feb 2023	Depth (m)	18
A7	10 Feb 2023	Arrive Time	758
A7	10 Feb 2023	Depart Time	808
A7	10 Feb 2023	Air Temp (C)	15.3
A7	10 Feb 2023	Weather	Clear
A7	10 Feb 2023	Visibility (mi)	12
A7	10 Feb 2023	Wind Speed (kts)	3.2
A7	10 Feb 2023	Wind Dir	W
A7	10 Feb 2023	Water Color	Greenish-Blue
A7	10 Feb 2023	Wave Ht Low (ft)	4
A7	10 Feb 2023	Wave Period (sec)	12
A7	10 Feb 2023	Sea State	Calm
A7	10 Feb 2023	High Tide (ft)	4.26
A7	10 Feb 2023	High Tide Time	2354
A7	10 Feb 2023	Low Tide (ft)	0.77
A7	10 Feb 2023	Low Tide Time	1718
A7	10 Feb 2023	Comments	none
A7	13 Feb 2023	Depth (m)	17
A7	13 Feb 2023	Arrive Time	826
A7	13 Feb 2023	Depart Time	832
A7	13 Feb 2023	Air Temp (C)	11.9
A7	13 Feb 2023	Weather	Partly Cloudy
A7	13 Feb 2023	Visibility (mi)	10
A7	13 Feb 2023	Wind Speed (kts)	5.2
A7	13 Feb 2023	Wind Dir	S
A7	13 Feb 2023	Water Color	Greenish-Blue
A7	13 Feb 2023	Wave Ht Low (ft)	5
A7	13 Feb 2023	Wave Period (sec)	9
A7	13 Feb 2023	Sea State	Rough
A7	13 Feb 2023	High Tide (ft)	4.5
A7	13 Feb 2023	High Tide Time	124
A7	13 Feb 2023	Low Tide (ft)	1.03
A7	13 Feb 2023	Low Tide Time	936

Station	Date	Parameter	Value
A7	13 Feb 2023	Comments	none
A7	21 Feb 2023	Depth (m)	19
A7	21 Feb 2023	Arrive Time	835
A7	21 Feb 2023	Depart Time	838
A7	21 Feb 2023	Air Temp (C)	11.9
A7	21 Feb 2023	Weather	Overcast
A7	21 Feb 2023	Visibility (mi)	9
A7	21 Feb 2023	Wind Speed (kts)	8.6
A7	21 Feb 2023	Wind Dir	SE
A7	21 Feb 2023	Water Color	Greenish-Blue
A7	21 Feb 2023	Wave Ht Low (ft)	4
A7	21 Feb 2023	Wave Period (sec)	15
A7	21 Feb 2023	Sea State	Heavy Chop
A7	21 Feb 2023	High Tide (ft)	6.09
A7	21 Feb 2023	High Tide Time	924
A7	21 Feb 2023	Low Tide (ft)	-1.1
A7	21 Feb 2023	Low Tide Time	1606
A7	21 Feb 2023	Comments	none
A7	27 Feb 2023	Depth (m)	18
A7	27 Feb 2023	Arrive Time	852
A7	27 Feb 2023	Depart Time	854
A7	27 Feb 2023	Air Temp (C)	10.2
A7	27 Feb 2023	Weather	Haze
A7	27 Feb 2023	Visibility (mi)	10
A7	27 Feb 2023	Wind Speed (kts)	8.3
A7	27 Feb 2023	Wind Dir	E
A7	27 Feb 2023	Water Color	Green
A7	27 Feb 2023	Wave Ht Low (ft)	3
A7	27 Feb 2023	Wave Period (sec)	8
A7	27 Feb 2023	Sea State	Calm
A7	27 Feb 2023	High Tide (ft)	4.37
A7	27 Feb 2023	High Tide Time	154
A7	27 Feb 2023	Low Tide (ft)	0.58
A7	27 Feb 2023	Low Tide Time	1036
A7	27 Feb 2023	Comments	none
C4	10 Feb 2023	Depth (m)	10
C4	10 Feb 2023	Arrive Time	920
C4	10 Feb 2023	Depart Time	924
C4	10 Feb 2023	Air Temp (C)	14.8
C4	10 Feb 2023	Weather	Clear
C4	10 Feb 2023	Visibility (mi)	12
C4	10 Feb 2023	Wind Speed (kts)	1.2
C4	10 Feb 2023	Wind Dir	S
C4	10 Feb 2023	Water Color	Greenish-Blue
C4	10 Feb 2023	Wave Ht Low (ft)	4
C4	10 Feb 2023	Wave Period (sec)	12
C4	10 Feb 2023	Sea State	Calm
C4	10 Feb 2023	High Tide (ft)	4.26
C4	10 Feb 2023	High Tide Time	2354
C4	10 Feb 2023	Low Tide (ft)	0.77
C4	10 Feb 2023	Low Tide Time	1718
C4	10 Feb 2023	Comments	none
C4	13 Feb 2023	Depth (m)	10
C4	13 Feb 2023	Arrive Time	947
C4	13 Feb 2023	Depart Time	951
C4	13 Feb 2023	Air Temp (C)	12.1
C4	13 Feb 2023	Weather	Partly Cloudy

Station	Date	Parameter	Value
C4	13 Feb 2023	Visibility (mi)	10
C4	13 Feb 2023	Wind Speed (kts)	5.9
C4	13 Feb 2023	Wind Dir	SE
C4	13 Feb 2023	Water Color	Green
C4	13 Feb 2023	Wave Ht Low (ft)	5
C4	13 Feb 2023	Wave Period (sec)	9
C4	13 Feb 2023	Sea State	Rough
C4	13 Feb 2023	High Tide (ft)	4.5
C4	13 Feb 2023	High Tide Time	124
C4	13 Feb 2023	Low Tide (ft)	1.03
C4	13 Feb 2023	Low Tide Time	936
C4	13 Feb 2023	Comments	none
C4	21 Feb 2023	Depth (m)	12
C4	21 Feb 2023	Arrive Time	949
C4	21 Feb 2023	Depart Time	952
C4	21 Feb 2023	Air Temp (C)	13.3
C4	21 Feb 2023	Weather	Overcast
C4	21 Feb 2023	Visibility (mi)	9
C4	21 Feb 2023	Wind Speed (kts)	11.7
C4	21 Feb 2023	Wind Dir	SE
C4	21 Feb 2023	Water Color	Greenish-Blue
C4	21 Feb 2023	Wave Ht Low (ft)	4
C4	21 Feb 2023	Wave Period (sec)	15
C4	21 Feb 2023	Sea State	Heavy Chop
C4	21 Feb 2023	High Tide (ft)	6.09
C4	21 Feb 2023	High Tide Time	924
C4	21 Feb 2023	Low Tide (ft)	-1.1
C4	21 Feb 2023	Low Tide Time	1606
C4	21 Feb 2023	Comments	none
C4	27 Feb 2023	Depth (m)	10
C4	27 Feb 2023	Arrive Time	1011
C4	27 Feb 2023	Depart Time	1014
C4	27 Feb 2023	Air Temp (C)	11.2
C4	27 Feb 2023	Weather	Partly Cloudy
C4	27 Feb 2023	Visibility (mi)	10
C4	27 Feb 2023	Wind Speed (kts)	3.7
C4	27 Feb 2023	Wind Dir	SE
C4	27 Feb 2023	Water Color	Green
C4	27 Feb 2023	Wave Ht Low (ft)	3
C4	27 Feb 2023	Wave Period (sec)	8
C4	27 Feb 2023	Sea State	Light Chop
C4	27 Feb 2023	High Tide (ft)	4.37
C4	27 Feb 2023	High Tide Time	154
C4	27 Feb 2023	Low Tide (ft)	0.58
C4	27 Feb 2023	Low Tide Time	1036
C4	27 Feb 2023	Comments	none
C5	10 Feb 2023	Depth (m)	10
C5	10 Feb 2023	Arrive Time	910
C5	10 Feb 2023	Depart Time	914
C5	10 Feb 2023	Air Temp (C)	14.6
C5	10 Feb 2023	Weather	Clear
C5	10 Feb 2023	Visibility (mi)	12
C5	10 Feb 2023	Wind Speed (kts)	0
C5	10 Feb 2023	Wind Dir	NE
C5	10 Feb 2023	Water Color	Greenish-Blue
C5	10 Feb 2023	Wave Ht Low (ft)	4
C5	10 Feb 2023	Wave Period (sec)	12
C5	10 Feb 2023	Sea State	Calm

Station	Date	Parameter	Value
C5	10 Feb 2023	High Tide (ft)	4.26
C5	10 Feb 2023	High Tide Time	2354
C5	10 Feb 2023	Low Tide (ft)	0.77
C5	10 Feb 2023	Low Tide Time	1718
C5	10 Feb 2023	Comments	none
C5	13 Feb 2023	Depth (m)	9
C5	13 Feb 2023	Arrive Time	935
C5	13 Feb 2023	Depart Time	939
C5	13 Feb 2023	Air Temp (C)	11.8
C5	13 Feb 2023	Weather	Partly Cloudy
C5	13 Feb 2023	Visibility (mi)	10
C5	13 Feb 2023	Wind Speed (kts)	10.8
C5	13 Feb 2023	Wind Dir	S
C5	13 Feb 2023	Water Color	Green
C5	13 Feb 2023	Wave Ht Low (ft)	5
C5	13 Feb 2023	Wave Period (sec)	9
C5	13 Feb 2023	Sea State	Rough
C5	13 Feb 2023	High Tide (ft)	4.5
C5	13 Feb 2023	High Tide Time	124
C5	13 Feb 2023	Low Tide (ft)	1.03
C5	13 Feb 2023	Low Tide Time	936
C5	13 Feb 2023	Comments	none
C5	21 Feb 2023	Depth (m)	11
C5	21 Feb 2023	Arrive Time	938
C5	21 Feb 2023	Depart Time	941
C5	21 Feb 2023	Air Temp (C)	13.1
C5	21 Feb 2023	Weather	Overcast
C5	21 Feb 2023	Visibility (mi)	9
C5	21 Feb 2023	Wind Speed (kts)	12.9
C5	21 Feb 2023	Wind Dir	S
C5	21 Feb 2023	Water Color	Greenish-Blue
C5	21 Feb 2023	Wave Ht Low (ft)	4
C5	21 Feb 2023	Wave Period (sec)	15
C5	21 Feb 2023	Sea State	Heavy Chop
C5	21 Feb 2023	High Tide (ft)	6.09
C5	21 Feb 2023	High Tide Time	924
C5	21 Feb 2023	Low Tide (ft)	-1.1
C5	21 Feb 2023	Low Tide Time	1606
C5	21 Feb 2023	Comments	none
C5	27 Feb 2023	Depth (m)	9
C5	27 Feb 2023	Arrive Time	1001
C5	27 Feb 2023	Depart Time	1004
C5	27 Feb 2023	Air Temp (C)	11.5
C5	27 Feb 2023	Weather	Partly Cloudy
C5	27 Feb 2023	Visibility (mi)	10
C5	27 Feb 2023	Wind Speed (kts)	5.6
C5	27 Feb 2023	Wind Dir	E
C5	27 Feb 2023	Water Color	Green
C5	27 Feb 2023	Wave Ht Low (ft)	3
C5	27 Feb 2023	Wave Period (sec)	8
C5	27 Feb 2023	Sea State	Light Chop
C5	27 Feb 2023	High Tide (ft)	4.37
C5	27 Feb 2023	High Tide Time	154
C5	27 Feb 2023	Low Tide (ft)	0.58
C5	27 Feb 2023	Low Tide Time	1036
C5	27 Feb 2023	Comments	none
C6	10 Feb 2023	Depth (m)	9

Station	Date	Parameter	Value
C6	10 Feb 2023	Arrive Time	900
C6	10 Feb 2023	Depart Time	904
C6	10 Feb 2023	Air Temp (C)	14.5
C6	10 Feb 2023	Weather	Clear
C6	10 Feb 2023	Visibility (mi)	12
C6	10 Feb 2023	Wind Speed (kts)	2.6
C6	10 Feb 2023	Wind Dir	SW
C6	10 Feb 2023	Water Color	Greenish-Blue
C6	10 Feb 2023	Wave Ht Low (ft)	4
C6	10 Feb 2023	Wave Period (sec)	12
C6	10 Feb 2023	Sea State	Calm
C6	10 Feb 2023	High Tide (ft)	4.26
C6	10 Feb 2023	High Tide Time	2354
C6	10 Feb 2023	Low Tide (ft)	0.77
C6	10 Feb 2023	Low Tide Time	1718
C6	10 Feb 2023	Comments	none
C6	13 Feb 2023	Depth (m)	9
C6	13 Feb 2023	Arrive Time	923
C6	13 Feb 2023	Depart Time	927
C6	13 Feb 2023	Air Temp (C)	11.9
C6	13 Feb 2023	Weather	Partly Cloudy
C6	13 Feb 2023	Visibility (mi)	10
C6	13 Feb 2023	Wind Speed (kts)	7.3
C6	13 Feb 2023	Wind Dir	S
C6	13 Feb 2023	Water Color	Greenish-Blue
C6	13 Feb 2023	Wave Ht Low (ft)	5
C6	13 Feb 2023	Wave Period (sec)	9
C6	13 Feb 2023	Sea State	Rough
C6	13 Feb 2023	High Tide (ft)	4.5
C6	13 Feb 2023	High Tide Time	124
C6	13 Feb 2023	Low Tide (ft)	1.03
C6	13 Feb 2023	Low Tide Time	936
C6	13 Feb 2023	Comments	none
C6	21 Feb 2023	Depth (m)	11
C6	21 Feb 2023	Arrive Time	927
C6	21 Feb 2023	Depart Time	931
C6	21 Feb 2023	Air Temp (C)	13.1
C6	21 Feb 2023	Weather	Overcast
C6	21 Feb 2023	Visibility (mi)	9
C6	21 Feb 2023	Wind Speed (kts)	13.1
C6	21 Feb 2023	Wind Dir	SE
C6	21 Feb 2023	Water Color	Greenish-Blue
C6	21 Feb 2023	Wave Ht Low (ft)	4
C6	21 Feb 2023	Wave Period (sec)	15
C6	21 Feb 2023	Sea State	Heavy Chop
C6	21 Feb 2023	High Tide (ft)	6.09
C6	21 Feb 2023	High Tide Time	924
C6	21 Feb 2023	Low Tide (ft)	-1.1
C6	21 Feb 2023	Low Tide Time	1606
C6	21 Feb 2023	Comments	none
C6	27 Feb 2023	Depth (m)	9
C6	27 Feb 2023	Arrive Time	950
C6	27 Feb 2023	Depart Time	953
C6	27 Feb 2023	Air Temp (C)	11.3
C6	27 Feb 2023	Weather	Partly Cloudy
C6	27 Feb 2023	Visibility (mi)	10
C6	27 Feb 2023	Wind Speed (kts)	7.1
C6	27 Feb 2023	Wind Dir	E

Station	Date	Parameter	Value
C6	27 Feb 2023	Water Color	Green
C6	27 Feb 2023	Wave Ht Low (ft)	3
C6	27 Feb 2023	Wave Period (sec)	8
C6	27 Feb 2023	Sea State	Light Chop
C6	27 Feb 2023	High Tide (ft)	4.37
C6	27 Feb 2023	High Tide Time	154
C6	27 Feb 2023	Low Tide (ft)	0.58
C6	27 Feb 2023	Low Tide Time	1036
C6	27 Feb 2023	Comments	none
C7	10 Feb 2023	Depth (m)	18
C7	10 Feb 2023	Arrive Time	829
C7	10 Feb 2023	Depart Time	834
C7	10 Feb 2023	Air Temp (C)	13.9
C7	10 Feb 2023	Weather	Clear
C7	10 Feb 2023	Visibility (mi)	12
C7	10 Feb 2023	Wind Speed (kts)	7.4
C7	10 Feb 2023	Wind Dir	N
C7	10 Feb 2023	Water Color	Greenish-Blue
C7	10 Feb 2023	Wave Ht Low (ft)	4
C7	10 Feb 2023	Wave Period (sec)	12
C7	10 Feb 2023	Sea State	Calm
C7	10 Feb 2023	High Tide (ft)	4.26
C7	10 Feb 2023	High Tide Time	2354
C7	10 Feb 2023	Low Tide (ft)	0.77
C7	10 Feb 2023	Low Tide Time	1718
C7	10 Feb 2023	Comments	none
C7	13 Feb 2023	Depth (m)	17
C7	13 Feb 2023	Arrive Time	852
C7	13 Feb 2023	Depart Time	859
C7	13 Feb 2023	Air Temp (C)	12
C7	13 Feb 2023	Weather	Partly Cloudy
C7	13 Feb 2023	Visibility (mi)	10
C7	13 Feb 2023	Wind Speed (kts)	0
C7	13 Feb 2023	Wind Dir	N
C7	13 Feb 2023	Water Color	Greenish-Blue
C7	13 Feb 2023	Wave Ht Low (ft)	5
C7	13 Feb 2023	Wave Period (sec)	9
C7	13 Feb 2023	Sea State	Rough
C7	13 Feb 2023	High Tide (ft)	4.5
C7	13 Feb 2023	High Tide Time	124
C7	13 Feb 2023	Low Tide (ft)	1.03
C7	13 Feb 2023	Low Tide Time	936
C7	13 Feb 2023	Comments	none
C7	21 Feb 2023	Depth (m)	19
C7	21 Feb 2023	Arrive Time	857
C7	21 Feb 2023	Depart Time	901
C7	21 Feb 2023	Air Temp (C)	12.7
C7	21 Feb 2023	Weather	Overcast
C7	21 Feb 2023	Visibility (mi)	9
C7	21 Feb 2023	Wind Speed (kts)	7.7
C7	21 Feb 2023	Wind Dir	SE
C7	21 Feb 2023	Water Color	Greenish-Blue
C7	21 Feb 2023	Wave Ht Low (ft)	4
C7	21 Feb 2023	Wave Period (sec)	15
C7	21 Feb 2023	Sea State	Heavy Chop
C7	21 Feb 2023	High Tide (ft)	6.09
C7	21 Feb 2023	High Tide Time	924
C7	21 Feb 2023	Low Tide (ft)	-1.1

Station	Date	Parameter	Value
C7	21 Feb 2023	Low Tide Time	1606
C7	21 Feb 2023	Comments	none
C7	27 Feb 2023	Depth (m)	17
C7	27 Feb 2023	Arrive Time	918
C7	27 Feb 2023	Depart Time	921
C7	27 Feb 2023	Air Temp (C)	11.3
C7	27 Feb 2023	Weather	Partly Cloudy
C7	27 Feb 2023	Visibility (mi)	10
C7	27 Feb 2023	Wind Speed (kts)	5.7
C7	27 Feb 2023	Wind Dir	E
C7	27 Feb 2023	Water Color	Green
C7	27 Feb 2023	Wave Ht Low (ft)	3
C7	27 Feb 2023	Wave Period (sec)	8
C7	27 Feb 2023	Sea State	Light Chop
C7	27 Feb 2023	High Tide (ft)	4.37
C7	27 Feb 2023	High Tide Time	154
C7	27 Feb 2023	Low Tide (ft)	0.58
C7	27 Feb 2023	Low Tide Time	1036
C7	27 Feb 2023	Comments	Depth was limited to 17.6 due to low tide
C8	10 Feb 2023	Depth (m)	19
C8	10 Feb 2023	Arrive Time	841
C8	10 Feb 2023	Depart Time	845
C8	10 Feb 2023	Air Temp (C)	13.9
C8	10 Feb 2023	Weather	Clear
C8	10 Feb 2023	Visibility (mi)	12
C8	10 Feb 2023	Wind Speed (kts)	10.7
C8	10 Feb 2023	Wind Dir	N
C8	10 Feb 2023	Water Color	Greenish-Blue
C8	10 Feb 2023	Wave Ht Low (ft)	4
C8	10 Feb 2023	Wave Period (sec)	12
C8	10 Feb 2023	Sea State	Calm
C8	10 Feb 2023	High Tide (ft)	4.26
C8	10 Feb 2023	High Tide Time	2354
C8	10 Feb 2023	Low Tide (ft)	0.77
C8	10 Feb 2023	Low Tide Time	1718
C8	10 Feb 2023	Comments	none
C8	13 Feb 2023	Depth (m)	20
C8	13 Feb 2023	Arrive Time	903
C8	13 Feb 2023	Depart Time	907
C8	13 Feb 2023	Air Temp (C)	11.7
C8	13 Feb 2023	Weather	Partly Cloudy
C8	13 Feb 2023	Visibility (mi)	10
C8	13 Feb 2023	Wind Speed (kts)	3.3
C8	13 Feb 2023	Wind Dir	S
C8	13 Feb 2023	Water Color	Greenish-Blue
C8	13 Feb 2023	Wave Ht Low (ft)	5
C8	13 Feb 2023	Wave Period (sec)	9
C8	13 Feb 2023	Sea State	Rough
C8	13 Feb 2023	High Tide (ft)	4.5
C8	13 Feb 2023	High Tide Time	124
C8	13 Feb 2023	Low Tide (ft)	1.03
C8	13 Feb 2023	Low Tide Time	936
C8	13 Feb 2023	Comments	none
C8	21 Feb 2023	Depth (m)	20
C8	21 Feb 2023	Arrive Time	907
C8	21 Feb 2023	Depart Time	911
C8	21 Feb 2023	Air Temp (C)	12.9

Station	Date	Parameter	Value
C8	21 Feb 2023	Weather	Overcast
C8	21 Feb 2023	Visibility (mi)	9
C8	21 Feb 2023	Wind Speed (kts)	1.8
C8	21 Feb 2023	Wind Dir	NE
C8	21 Feb 2023	Water Color	Greenish-Blue
C8	21 Feb 2023	Wave Ht Low (ft)	4
C8	21 Feb 2023	Wave Period (sec)	15
C8	21 Feb 2023	Sea State	Heavy Chop
C8	21 Feb 2023	High Tide (ft)	6.09
C8	21 Feb 2023	High Tide Time	924
C8	21 Feb 2023	Low Tide (ft)	-1.1
C8	21 Feb 2023	Low Tide Time	1606
C8	21 Feb 2023	Comments	none
C8	27 Feb 2023	Depth (m)	18
C8	27 Feb 2023	Arrive Time	930
C8	27 Feb 2023	Depart Time	932
C8	27 Feb 2023	Air Temp (C)	11.4
C8	27 Feb 2023	Weather	Partly Cloudy
C8	27 Feb 2023	Visibility (mi)	10
C8	27 Feb 2023	Wind Speed (kts)	5.4
C8	27 Feb 2023	Wind Dir	E
C8	27 Feb 2023	Water Color	Green
C8	27 Feb 2023	Wave Ht Low (ft)	3
C8	27 Feb 2023	Wave Period (sec)	8
C8	27 Feb 2023	Sea State	Light Chop
C8	27 Feb 2023	High Tide (ft)	4.37
C8	27 Feb 2023	High Tide Time	154
C8	27 Feb 2023	Low Tide (ft)	0.58
C8	27 Feb 2023	Low Tide Time	1036
C8	27 Feb 2023	Comments	none

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 (μ g/L)
A1	10 Feb 2023	1	13.56	82.47	8.0	33.33	8.1	25.0	2.92
A1	10 Feb 2023	2	13.55	82.05	8.0	33.33	8.1	25.0	2.96
A1	10 Feb 2023	3	13.55	81.97	8.0	33.33	8.1	25.0	3.12
A1	10 Feb 2023	4	13.55	81.89	7.9	33.33	8.1	25.0	3.40
A1	10 Feb 2023	5	13.52	81.86	7.8	33.33	8.1	25.0	3.83
A1	10 Feb 2023	6	13.51	82.18	7.8	33.33	8.1	25.0	3.87
A1	10 Feb 2023	7	13.51	82.18	7.8	33.33	8.1	25.0	3.64
A1	10 Feb 2023	8	13.50	82.25	7.7	33.34	8.1	25.0	3.52
A1	10 Feb 2023	9	13.49	82.21	7.6	33.34	8.1	25.0	3.47
A1	10 Feb 2023	10	13.48	82.50	7.6	33.34	8.1	25.0	3.36
A1	10 Feb 2023	11	13.46	82.51	7.5	33.34	8.1	25.0	3.19
A1	10 Feb 2023	12	13.43	82.64	7.4	33.35	8.0	25.0	3.17
A1	10 Feb 2023	13	13.41	82.45	7.4	33.35	8.0	25.0	3.17
A1	10 Feb 2023	14	13.37	82.83	7.2	33.36	8.0	25.0	3.28
A1	10 Feb 2023	15	13.22	83.22	6.9	33.38	8.0	25.1	2.93
A1	10 Feb 2023	16	13.04	83.96	6.7	33.40	8.0	25.1	2.80
A1	10 Feb 2023	17	12.92	84.93	6.3	33.42	8.0	25.2	2.08
A1	10 Feb 2023	18	12.74	85.36	5.9	33.44	8.0	25.2	1.74
A1	13 Feb 2023	1	13.92	87.31	8.4	33.30	8.1	24.9	1.34
A1	13 Feb 2023	2	13.91	87.32	8.3	33.30	8.1	24.9	1.49
A1	13 Feb 2023	3	13.87	87.31	8.3	33.31	8.1	24.9	1.76
A1	13 Feb 2023	4	13.87	86.17	8.3	33.30	8.1	24.9	1.89
A1	13 Feb 2023	5	13.87	86.76	8.3	33.30	8.1	24.9	2.09
A1	13 Feb 2023	6	13.86	86.71	8.3	33.31	8.1	24.9	2.17
A1	13 Feb 2023	7	13.82	86.61	8.2	33.31	8.1	24.9	2.40
A1	13 Feb 2023	8	13.80	86.14	8.2	33.31	8.1	24.9	2.51
A1	13 Feb 2023	9	13.76	85.86	8.2	33.31	8.1	24.9	2.72
A1	13 Feb 2023	10	13.70	85.48	8.1	33.32	8.1	24.9	3.10
A1	13 Feb 2023	11	13.62	84.29	8.0	33.32	8.1	25.0	3.54
A1	13 Feb 2023	12	13.48	82.25	7.9	33.33	8.1	25.0	4.11
A1	13 Feb 2023	13	13.32	80.01	7.8	33.34	8.1	25.0	4.22
A1	13 Feb 2023	14	13.27	77.78	7.8	33.34	8.1	25.1	4.29
A1	13 Feb 2023	15	13.22	76.76	7.8	33.35	8.1	25.1	4.69
A1	13 Feb 2023	16	13.21	75.90	7.6	33.35	8.1	25.1	4.35
A1	13 Feb 2023	17	13.07	77.32	7.4	33.38	8.0	25.1	4.02
A1	21 Feb 2023	1	13.49	87.59	8.2	33.37	8.0	25.0	1.50
A1	21 Feb 2023	2	13.49	87.37	8.2	33.37	8.0	25.0	1.62
A1	21 Feb 2023	3	13.45	87.16	8.0	33.37	8.0	25.0	1.72
A1	21 Feb 2023	4	13.37	87.41	7.8	33.38	8.0	25.1	1.79
A1	21 Feb 2023	5	13.19	87.55	7.4	33.40	8.0	25.1	1.91
A1	21 Feb 2023	6	12.97	88.03	7.0	33.41	7.9	25.2	1.64
A1	21 Feb 2023	7	12.91	88.71	6.8	33.42	7.9	25.2	1.50
A1	21 Feb 2023	8	12.89	89.04	6.8	33.42	7.9	25.2	1.43
A1	21 Feb 2023	9	12.89	89.27	6.8	33.42	7.9	25.2	1.42
A1	21 Feb 2023	10	12.89	89.25	6.8	33.42	7.9	25.2	1.52
A1	21 Feb 2023	11	12.88	89.19	6.7	33.42	7.9	25.2	1.64
A1	21 Feb 2023	12	12.86	88.00	6.7	33.42	7.9	25.2	1.67
A1	21 Feb 2023	13	12.80	88.87	6.5	33.43	7.9	25.2	1.39
A1	21 Feb 2023	14	12.71	88.93	6.3	33.44	7.9	25.2	1.21
A1	21 Feb 2023	15	12.69	82.38	6.2	33.44	7.9	25.2	1.26
A1	21 Feb 2023	16	12.61	78.54	6.0	33.46	7.9	25.3	1.13
A1	21 Feb 2023	17	12.52	81.69	5.9	33.47	7.9	25.3	1.02
A1	21 Feb 2023	18	12.47	83.18	5.8	33.47	7.8	25.3	0.83
A1	21 Feb 2023	19	12.44	86.06	5.6	33.48	7.8	25.3	0.76

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
A1	27 Feb 2023	1	13.02	74.90	8.2	33.26	8.1	25.0	1.01
A1	27 Feb 2023	2	13.02	74.50	8.1	33.27	8.1	25.0	1.22
A1	27 Feb 2023	3	13.02	73.24	8.1	33.27	8.1	25.0	1.45
A1	27 Feb 2023	4	13.02	72.81	8.1	33.27	8.1	25.0	1.69
A1	27 Feb 2023	5	13.02	73.29	8.1	33.27	8.1	25.1	1.83
A1	27 Feb 2023	6	13.02	73.67	8.0	33.28	8.1	25.1	1.86
A1	27 Feb 2023	7	13.02	73.92	8.0	33.29	8.1	25.1	1.94
A1	27 Feb 2023	8	13.02	74.68	7.9	33.30	8.1	25.1	1.71
A1	27 Feb 2023	9	13.02	74.24	7.9	33.31	8.1	25.1	1.56
A1	27 Feb 2023	10	13.02	77.25	7.8	33.31	8.1	25.1	1.50
A1	27 Feb 2023	11	13.02	77.56	7.8	33.31	8.1	25.1	1.45
A1	27 Feb 2023	12	13.02	77.87	7.8	33.31	8.1	25.1	1.45
A1	27 Feb 2023	13	13.03	77.88	7.8	33.32	8.1	25.1	1.34
A1	27 Feb 2023	14	13.03	78.14	7.8	33.32	8.1	25.1	1.34
A1	27 Feb 2023	15	13.03	78.61	7.8	33.32	8.1	25.1	1.27
A1	27 Feb 2023	16	13.04	79.12	7.7	33.32	8.1	25.1	1.28
A1	27 Feb 2023	17	13.04	79.59	7.6	33.33	8.1	25.1	1.20
A1	27 Feb 2023	18	13.04	79.30	7.6	33.32	8.0	25.1	1.14
A6	10 Feb 2023	1	13.88	79.21	8.5	33.32	8.1	24.9	3.34
A6	10 Feb 2023	2	13.87	79.15	8.5	33.32	8.1	24.9	3.66
A6	10 Feb 2023	3	13.87	77.48	8.5	33.32	8.1	24.9	4.23
A6	10 Feb 2023	4	13.87	78.90	8.4	33.32	8.1	24.9	4.25
A6	10 Feb 2023	5	13.86	79.43	8.4	33.32	8.1	24.9	4.37
A6	10 Feb 2023	6	13.84	79.38	8.4	33.32	8.1	24.9	4.13
A6	10 Feb 2023	7	13.80	79.97	8.3	33.32	8.1	24.9	4.28
A6	10 Feb 2023	8	13.79	80.13	8.3	33.32	8.1	24.9	4.32
A6	10 Feb 2023	9	13.76	80.46	8.3	33.33	8.1	24.9	4.31
A6	10 Feb 2023	10	13.76	80.61	8.3	33.32	8.1	24.9	4.00
A6	10 Feb 2023	11	13.77	80.91	8.3	33.32	8.1	24.9	4.24
A6	10 Feb 2023	12	13.72	80.95	8.2	33.33	8.1	24.9	4.17
A6	10 Feb 2023	13	13.63	81.00	8.2	33.33	8.1	25.0	3.91
A6	10 Feb 2023	14	13.62	81.12	8.2	33.32	8.1	25.0	4.00
A6	10 Feb 2023	15	13.61	81.44	8.1	33.32	8.1	25.0	3.79
A6	10 Feb 2023	16	13.61	81.58	8.0	33.32	8.1	25.0	3.86
A6	10 Feb 2023	17	13.35	81.56	7.2	33.37	8.1	25.1	3.07
A6	10 Feb 2023	18	12.90	82.85	6.4	33.43	8.0	25.2	2.92
A6	10 Feb 2023	19	12.68	84.86	5.9	33.45	8.0	25.3	2.08
A6	10 Feb 2023	20	12.50	86.43	5.6	33.47	7.9	25.3	1.32
A6	13 Feb 2023	1	14.14	89.00	8.6	33.30	8.2	24.8	1.34
A6	13 Feb 2023	2	14.14	88.98	8.6	33.30	8.2	24.8	1.41
A6	13 Feb 2023	3	14.14	88.88	8.5	33.31	8.2	24.8	1.55
A6	13 Feb 2023	4	14.13	88.74	8.5	33.31	8.2	24.9	1.65
A6	13 Feb 2023	5	14.12	88.55	8.5	33.32	8.2	24.9	1.83
A6	13 Feb 2023	6	14.10	88.19	8.4	33.33	8.1	24.9	2.14
A6	13 Feb 2023	7	14.03	87.37	8.4	33.34	8.1	24.9	2.28
A6	13 Feb 2023	8	14.01	86.79	8.3	33.34	8.1	24.9	2.26
A6	13 Feb 2023	9	14.00	86.35	8.2	33.34	8.1	24.9	2.34
A6	13 Feb 2023	10	13.98	86.01	8.1	33.34	8.1	24.9	2.34
A6	13 Feb 2023	11	13.95	85.82	8.2	33.34	8.1	24.9	2.43
A6	13 Feb 2023	12	13.93	85.79	8.2	33.34	8.1	24.9	2.62
A6	13 Feb 2023	13	13.94	85.72	8.2	33.34	8.1	24.9	2.53
A6	13 Feb 2023	14	13.93	85.75	8.1	33.34	8.1	24.9	2.42
A6	13 Feb 2023	15	13.92	85.89	8.2	33.34	8.1	24.9	2.50
A6	13 Feb 2023	16	13.91	85.97	8.2	33.34	8.1	24.9	2.57
A6	13 Feb 2023	17	13.88	85.99	8.1	33.34	8.1	24.9	2.31
A6	13 Feb 2023	18	13.79	86.17	7.9	33.34	8.1	25.0	2.16
A6	13 Feb 2023	19	13.75	86.65	7.8	33.35	8.1	25.0	1.93

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
A6	21 Feb 2023	1	13.56	84.26	8.7	33.38	8.1	25.0	2.26
A6	21 Feb 2023	2	13.55	84.16	8.6	33.38	8.1	25.0	2.62
A6	21 Feb 2023	3	13.54	84.10	8.5	33.38	8.1	25.0	2.78
A6	21 Feb 2023	4	13.50	84.27	8.4	33.38	8.1	25.0	2.86
A6	21 Feb 2023	5	13.46	84.56	8.1	33.38	8.1	25.0	2.61
A6	21 Feb 2023	6	13.37	84.52	7.9	33.39	8.0	25.1	2.39
A6	21 Feb 2023	7	13.25	85.76	7.6	33.40	8.0	25.1	2.32
A6	21 Feb 2023	8	13.17	86.95	7.2	33.40	8.0	25.1	2.05
A6	21 Feb 2023	9	12.88	87.26	6.8	33.44	8.0	25.2	1.54
A6	21 Feb 2023	10	12.77	87.77	6.5	33.45	7.9	25.2	1.43
A6	21 Feb 2023	11	12.60	88.13	6.2	33.46	7.9	25.3	1.26
A6	21 Feb 2023	12	12.48	88.61	6.0	33.47	7.9	25.3	1.19
A6	21 Feb 2023	13	12.42	88.79	5.9	33.47	7.9	25.3	1.13
A6	21 Feb 2023	14	12.38	88.82	5.8	33.48	7.9	25.3	1.03
A6	21 Feb 2023	15	12.32	88.98	5.7	33.48	7.9	25.3	1.08
A6	21 Feb 2023	16	12.28	89.23	5.7	33.49	7.8	25.4	1.01
A6	21 Feb 2023	17	12.26	89.40	5.6	33.49	7.8	25.4	0.92
A6	21 Feb 2023	18	12.26	89.39	5.6	33.49	7.8	25.4	0.85
A6	27 Feb 2023	1	13.10	83.66	7.9	33.32	8.0	25.1	0.72
A6	27 Feb 2023	2	13.10	83.42	7.9	33.32	8.0	25.1	0.75
A6	27 Feb 2023	3	13.09	83.35	7.9	33.32	8.0	25.1	0.83
A6	27 Feb 2023	4	13.09	83.09	7.9	33.32	8.0	25.1	0.96
A6	27 Feb 2023	5	13.09	82.96	7.9	33.32	8.0	25.1	1.07
A6	27 Feb 2023	6	13.09	83.14	7.9	33.32	8.0	25.1	1.29
A6	27 Feb 2023	7	13.07	83.25	7.9	33.32	8.0	25.1	1.28
A6	27 Feb 2023	8	13.07	83.11	7.9	33.32	8.0	25.1	1.35
A6	27 Feb 2023	9	13.07	83.16	7.9	33.32	8.0	25.1	1.36
A6	27 Feb 2023	10	13.06	83.43	7.9	33.32	8.0	25.1	1.38
A6	27 Feb 2023	11	13.05	83.52	7.9	33.32	8.0	25.1	1.22
A6	27 Feb 2023	12	13.04	83.47	7.8	33.32	8.0	25.1	1.19
A6	27 Feb 2023	13	13.04	83.70	7.8	33.32	8.0	25.1	1.15
A6	27 Feb 2023	14	13.04	84.07	7.8	33.32	8.0	25.1	1.09
A6	27 Feb 2023	15	13.04	84.50	7.8	33.32	8.0	25.1	1.08
A6	27 Feb 2023	16	13.04	84.42	7.8	33.32	8.0	25.1	1.12
A6	27 Feb 2023	17	13.04	84.37	7.8	33.32	8.0	25.1	1.05
A6	27 Feb 2023	18	13.04	84.33	7.8	33.31	8.0	25.1	1.06
A7	10 Feb 2023	1	13.75	81.35	8.4	33.33	8.1	24.9	2.78
A7	10 Feb 2023	2	13.74	81.46	8.3	33.33	8.1	24.9	3.01
A7	10 Feb 2023	3	13.73	81.50	8.3	33.33	8.1	25.0	3.42
A7	10 Feb 2023	4	13.73	81.39	8.3	33.33	8.1	25.0	3.30
A7	10 Feb 2023	5	13.73	81.58	8.3	33.33	8.1	25.0	3.80
A7	10 Feb 2023	6	13.72	81.52	8.3	33.33	8.1	25.0	3.85
A7	10 Feb 2023	7	13.71	81.72	8.2	33.33	8.1	25.0	3.96
A7	10 Feb 2023	8	13.66	81.65	8.2	33.33	8.1	25.0	4.18
A7	10 Feb 2023	9	13.65	81.87	8.2	33.33	8.1	25.0	4.05
A7	10 Feb 2023	10	13.65	81.99	8.1	33.33	8.1	25.0	3.86
A7	10 Feb 2023	11	13.60	82.00	7.9	33.34	8.1	25.0	3.82
A7	10 Feb 2023	12	13.48	82.52	7.5	33.36	8.1	25.0	3.47
A7	10 Feb 2023	13	13.34	83.65	7.2	33.38	8.0	25.1	3.18
A7	10 Feb 2023	14	13.17	85.16	6.8	33.39	8.0	25.1	2.61
A7	10 Feb 2023	15	13.05	86.23	6.6	33.41	8.0	25.2	2.34
A7	10 Feb 2023	16	12.94	86.98	6.4	33.42	8.0	25.2	1.91
A7	10 Feb 2023	17	12.85	87.31	6.2	33.43	8.0	25.2	1.61
A7	10 Feb 2023	18	12.83	87.55	6.2	33.43	8.0	25.2	1.43
A7	13 Feb 2023	1	14.15	89.13	8.6	33.30	8.2	24.8	1.33
A7	13 Feb 2023	2	14.15	89.08	8.6	33.30	8.2	24.8	1.34
A7	13 Feb 2023	3	14.15	88.65	8.6	33.30	8.2	24.8	1.40
A7	13 Feb 2023	4	14.15	89.15	8.5	33.30	8.2	24.8	1.48

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
A7	13 Feb 2023	5	14.15	88.42	8.5	33.30	8.2	24.8	1.67
A7	13 Feb 2023	6	14.14	88.43	8.5	33.30	8.2	24.8	1.65
A7	13 Feb 2023	7	14.14	88.98	8.5	33.30	8.2	24.8	1.69
A7	13 Feb 2023	8	14.12	88.89	8.4	33.31	8.2	24.9	1.84
A7	13 Feb 2023	9	14.04	88.42	8.3	33.31	8.1	24.9	2.00
A7	13 Feb 2023	10	13.98	87.74	8.3	33.32	8.1	24.9	2.19
A7	13 Feb 2023	11	13.94	87.20	8.2	33.31	8.1	24.9	2.18
A7	13 Feb 2023	12	13.89	86.91	8.2	33.31	8.1	24.9	2.35
A7	13 Feb 2023	13	13.85	86.27	8.2	33.31	8.1	24.9	2.48
A7	13 Feb 2023	14	13.83	85.46	8.2	33.31	8.1	24.9	2.73
A7	13 Feb 2023	15	13.76	85.63	8.1	33.32	8.1	24.9	2.63
A7	13 Feb 2023	16	13.68	85.90	7.9	33.32	8.1	25.0	2.55
A7	13 Feb 2023	17	13.59	86.23	7.6	33.34	8.1	25.0	2.32
A7	13 Feb 2023	18	13.45	86.44	7.3	33.35	8.1	25.0	1.96
A7	13 Feb 2023	19	13.30	86.39	7.3	33.38	8.0	25.1	1.83
A7	21 Feb 2023	1	13.47	86.41	8.2	33.37	8.0	25.0	1.67
A7	21 Feb 2023	2	13.47	87.19	8.2	33.37	8.0	25.0	1.70
A7	21 Feb 2023	3	13.45	87.33	8.0	33.37	8.0	25.0	1.82
A7	21 Feb 2023	4	13.28	87.32	7.6	33.39	8.0	25.1	2.02
A7	21 Feb 2023	5	13.06	87.33	7.2	33.41	8.0	25.2	1.82
A7	21 Feb 2023	6	13.00	87.80	7.0	33.41	8.0	25.2	1.82
A7	21 Feb 2023	7	12.84	88.42	6.6	33.43	8.0	25.2	1.51
A7	21 Feb 2023	8	12.58	89.13	6.2	33.45	7.9	25.3	1.37
A7	21 Feb 2023	9	12.52	89.48	6.1	33.45	7.9	25.3	1.20
A7	21 Feb 2023	10	12.52	89.70	6.1	33.45	7.9	25.3	1.25
A7	21 Feb 2023	11	12.52	89.66	6.1	33.45	7.9	25.3	1.22
A7	21 Feb 2023	12	12.53	89.74	6.1	33.45	7.9	25.3	1.19
A7	21 Feb 2023	13	12.51	89.80	6.1	33.45	7.9	25.3	1.10
A7	21 Feb 2023	14	12.50	89.81	6.0	33.45	7.9	25.3	1.09
A7	21 Feb 2023	15	12.47	89.70	6.0	33.46	7.9	25.3	1.07
A7	21 Feb 2023	16	12.44	89.64	5.9	33.47	7.9	25.3	1.17
A7	21 Feb 2023	17	12.43	89.53	5.9	33.47	7.9	25.3	1.12
A7	21 Feb 2023	18	12.43	89.56	5.9	33.47	7.9	25.3	1.03
A7	21 Feb 2023	19	12.43	89.45	5.9	33.47	7.9	25.3	1.06
A7	27 Feb 2023	1	13.17	83.03	8.1	33.34	8.1	25.1	1.10
A7	27 Feb 2023	2	13.16	82.99	8.1	33.34	8.1	25.1	1.11
A7	27 Feb 2023	3	13.16	82.77	8.1	33.34	8.1	25.1	1.18
A7	27 Feb 2023	4	13.16	82.59	8.1	33.34	8.1	25.1	1.40
A7	27 Feb 2023	5	13.16	82.48	8.1	33.34	8.1	25.1	1.66
A7	27 Feb 2023	6	13.16	82.67	8.1	33.34	8.1	25.1	1.86
A7	27 Feb 2023	7	13.16	82.67	8.1	33.34	8.1	25.1	2.12
A7	27 Feb 2023	8	13.16	82.51	8.1	33.34	8.1	25.1	2.08
A7	27 Feb 2023	9	13.16	82.51	8.1	33.34	8.1	25.1	2.27
A7	27 Feb 2023	10	13.16	82.54	8.1	33.34	8.1	25.1	2.20
A7	27 Feb 2023	11	13.15	82.70	8.0	33.34	8.1	25.1	2.15
A7	27 Feb 2023	12	13.16	82.85	8.0	33.34	8.0	25.1	2.14
A7	27 Feb 2023	13	13.15	82.67	8.0	33.34	8.0	25.1	2.07
A7	27 Feb 2023	14	13.15	82.75	7.9	33.34	8.0	25.1	2.04
A7	27 Feb 2023	15	13.14	83.02	7.8	33.34	8.0	25.1	1.88
A7	27 Feb 2023	16	13.13	83.49	7.8	33.34	8.0	25.1	1.67
A7	27 Feb 2023	17	13.10	83.39	7.8	33.35	8.0	25.1	1.62
A7	27 Feb 2023	18	13.05	76.39	5.3	33.36	8.0	24.9	0.59
C4	10 Feb 2023	1	13.65	81.69	8.1	33.33	8.1	25.0	1.53
C4	10 Feb 2023	2	13.60	81.27	8.1	33.33	8.1	25.0	1.77
C4	10 Feb 2023	3	13.58	81.11	8.0	33.33	8.1	25.0	2.30
C4	10 Feb 2023	4	13.57	80.66	8.0	33.33	8.1	25.0	2.98
C4	10 Feb 2023	5	13.56	80.65	8.0	33.33	8.1	25.0	3.53
C4	10 Feb 2023	6	13.55	80.59	7.8	33.34	8.1	25.0	3.64

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C4	10 Feb 2023	7	13.44	80.11	7.4	33.35	8.1	25.0	3.45
C4	10 Feb 2023	8	13.29	78.90	6.8	33.37	8.0	25.1	2.78
C4	10 Feb 2023	9	13.03	81.39	6.1	33.41	8.0	25.2	1.51
C4	10 Feb 2023	10	12.79	82.35	5.5	33.44	7.9	25.2	0.93
C4	10 Feb 2023	11	12.78	81.49	5.4	33.44	7.9	25.2	0.73
C4	10 Feb 2023	12	12.78	81.31	5.4	33.44	7.9	25.2	0.66
C4	13 Feb 2023	1	13.68	76.89	8.2	33.29	8.1	24.9	0.96
C4	13 Feb 2023	2	13.69	76.85	8.2	33.29	8.1	24.9	1.11
C4	13 Feb 2023	3	13.68	76.30	8.2	33.30	8.1	24.9	1.43
C4	13 Feb 2023	4	13.68	75.63	8.2	33.30	8.1	24.9	1.86
C4	13 Feb 2023	5	13.68	75.39	8.1	33.30	8.1	24.9	2.17
C4	13 Feb 2023	6	13.65	75.86	7.9	33.30	8.1	24.9	2.06
C4	13 Feb 2023	7	13.58	76.00	7.5	33.32	8.1	25.0	2.06
C4	13 Feb 2023	8	13.40	76.46	7.1	33.36	8.1	25.0	1.76
C4	13 Feb 2023	9	13.33	77.59	6.8	33.38	8.0	25.1	1.34
C4	13 Feb 2023	10	13.31	78.65	6.6	33.38	8.0	25.1	1.13
C4	13 Feb 2023	11	13.31	78.87	6.6	33.38	8.0	25.1	1.10
C4	21 Feb 2023	1	13.54	87.70	8.1	33.37	8.1	25.0	0.82
C4	21 Feb 2023	2	13.45	87.70	7.9	33.38	8.1	25.0	0.83
C4	21 Feb 2023	3	13.33	87.69	7.7	33.38	8.0	25.1	0.82
C4	21 Feb 2023	4	13.22	87.76	7.5	33.39	8.0	25.1	0.89
C4	21 Feb 2023	5	13.15	87.82	7.3	33.40	8.0	25.1	0.94
C4	21 Feb 2023	6	13.12	88.07	7.3	33.40	8.0	25.1	1.00
C4	21 Feb 2023	7	13.08	88.06	7.2	33.40	8.0	25.1	1.04
C4	21 Feb 2023	8	13.03	87.76	7.0	33.41	8.0	25.2	1.08
C4	21 Feb 2023	9	12.98	87.41	6.9	33.42	8.0	25.2	1.06
C4	21 Feb 2023	10	12.97	87.23	6.9	33.42	8.0	25.2	1.09
C4	21 Feb 2023	11	12.97	87.24	6.9	33.42	8.0	25.2	1.03
C4	27 Feb 2023	1	13.12	70.92	8.4	33.15	8.1	24.9	0.97
C4	27 Feb 2023	2	13.05	69.03	8.3	33.19	8.1	25.0	1.00
C4	27 Feb 2023	3	12.98	69.73	8.0	33.27	8.1	25.1	1.02
C4	27 Feb 2023	4	12.96	71.91	7.8	33.29	8.0	25.1	0.98
C4	27 Feb 2023	5	12.94	73.20	7.7	33.30	8.0	25.1	1.03
C4	27 Feb 2023	6	12.92	73.11	7.8	33.30	8.0	25.1	1.12
C4	27 Feb 2023	7	12.92	72.83	7.7	33.30	8.0	25.1	1.13
C4	27 Feb 2023	8	12.91	72.85	7.7	33.30	8.0	25.1	1.19
C4	27 Feb 2023	9	12.91	73.86	7.7	33.30	8.0	25.1	1.14
C4	27 Feb 2023	10	12.92	72.70	7.7	33.30	8.0	25.1	1.03
C5	10 Feb 2023	1	13.76	81.27	8.3	33.31	8.1	24.9	1.71
C5	10 Feb 2023	2	13.71	81.04	8.2	33.32	8.1	24.9	2.03
C5	10 Feb 2023	3	13.72	80.82	8.0	33.33	8.1	25.0	2.06
C5	10 Feb 2023	4	13.71	81.47	7.8	33.36	8.1	25.0	1.79
C5	10 Feb 2023	5	13.67	82.57	7.7	33.37	8.1	25.0	1.56
C5	10 Feb 2023	6	13.66	82.35	7.7	33.37	8.1	25.0	1.58
C5	10 Feb 2023	7	13.65	82.13	7.7	33.37	8.1	25.0	1.44
C5	10 Feb 2023	8	13.62	81.97	7.6	33.37	8.1	25.0	1.29
C5	10 Feb 2023	9	13.58	81.78	7.4	33.38	8.1	25.0	1.12
C5	10 Feb 2023	10	13.49	81.53	7.1	33.39	8.0	25.0	0.93
C5	10 Feb 2023	11	13.12	81.16	6.3	33.42	8.0	25.1	0.79
C5	13 Feb 2023	1	13.85	83.30	8.3	33.05	8.1	24.7	0.79
C5	13 Feb 2023	2	13.84	83.01	8.3	33.27	8.1	24.9	0.82
C5	13 Feb 2023	3	13.79	83.36	8.2	33.27	8.1	24.9	0.86
C5	13 Feb 2023	4	13.65	82.87	8.1	33.27	8.1	24.9	1.03
C5	13 Feb 2023	5	13.60	78.58	8.0	33.27	8.1	24.9	1.25
C5	13 Feb 2023	6	13.62	74.27	7.6	33.30	8.1	24.9	1.38
C5	13 Feb 2023	7	13.52	74.65	7.1	33.37	8.1	25.0	1.32

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C5	13 Feb 2023	8	13.38	79.44	6.7	33.39	8.0	25.1	1.04
C5	13 Feb 2023	9	13.30	78.70	6.5	33.40	8.0	25.1	1.06
C5	13 Feb 2023	10	13.30	58.93	6.6	33.39	8.0	25.1	0.99
C5	21 Feb 2023	1	13.53	82.08	8.4	33.40	8.1	25.0	1.62
C5	21 Feb 2023	2	13.52	79.44	8.4	33.40	8.1	25.0	1.69
C5	21 Feb 2023	3	13.52	80.41	8.4	33.40	8.1	25.0	1.83
C5	21 Feb 2023	4	13.52	82.98	8.4	33.40	8.1	25.0	1.92
C5	21 Feb 2023	5	13.52	83.00	8.4	33.40	8.1	25.0	2.03
C5	21 Feb 2023	6	13.52	82.95	8.4	33.40	8.1	25.0	2.17
C5	21 Feb 2023	7	13.52	83.07	8.3	33.40	8.1	25.0	2.35
C5	21 Feb 2023	8	13.51	83.04	8.3	33.40	8.1	25.1	2.33
C5	21 Feb 2023	9	13.51	83.13	8.3	33.40	8.1	25.1	2.22
C5	21 Feb 2023	10	13.51	83.12	8.3	33.40	8.1	25.1	2.20
C5	27 Feb 2023	1	13.05	75.41	8.0	33.30	8.0	25.1	0.48
C5	27 Feb 2023	2	13.04	75.33	8.0	33.30	8.0	25.1	0.52
C5	27 Feb 2023	3	13.01	72.17	8.0	33.30	8.0	25.1	0.62
C5	27 Feb 2023	4	13.00	73.31	7.9	33.30	8.0	25.1	0.79
C5	27 Feb 2023	5	13.01	75.60	7.9	33.30	8.0	25.1	0.93
C5	27 Feb 2023	6	13.01	76.65	7.9	33.30	8.0	25.1	1.02
C5	27 Feb 2023	7	12.99	77.68	7.9	33.30	8.0	25.1	1.05
C5	27 Feb 2023	8	12.98	77.24	7.9	33.30	8.0	25.1	1.02
C5	27 Feb 2023	9	12.98	75.75	7.9	33.30	8.0	25.1	1.01
C5	27 Feb 2023	10	12.98	74.65	7.9	33.30	8.0	25.1	0.97
C6	10 Feb 2023	1	13.75	81.77	8.3	33.33	8.1	24.9	1.82
C6	10 Feb 2023	2	13.72	81.53	8.2	33.33	8.1	25.0	1.96
C6	10 Feb 2023	3	13.69	81.02	8.2	33.34	8.1	25.0	2.53
C6	10 Feb 2023	4	13.68	80.81	8.1	33.34	8.1	25.0	2.84
C6	10 Feb 2023	5	13.65	81.09	7.9	33.34	8.1	25.0	2.87
C6	10 Feb 2023	6	13.54	82.03	7.4	33.36	8.1	25.0	2.04
C6	10 Feb 2023	7	13.36	83.28	6.8	33.39	8.0	25.1	1.43
C6	10 Feb 2023	8	13.18	84.76	6.4	33.41	8.0	25.1	1.06
C6	10 Feb 2023	9	12.98	85.83	6.1	33.43	8.0	25.2	0.81
C6	10 Feb 2023	10	12.97	84.90	6.1	33.42	8.0	25.2	0.66
C6	13 Feb 2023	1	13.96	86.14	8.5	33.30	8.2	24.9	1.18
C6	13 Feb 2023	2	13.97	86.15	8.5	33.30	8.2	24.9	1.36
C6	13 Feb 2023	3	13.95	86.00	8.5	33.29	8.2	24.9	1.53
C6	13 Feb 2023	4	13.90	85.24	8.4	33.28	8.2	24.9	1.64
C6	13 Feb 2023	5	13.84	85.11	8.3	33.28	8.1	24.9	1.79
C6	13 Feb 2023	6	13.86	84.80	8.2	33.27	8.1	24.9	1.86
C6	13 Feb 2023	7	13.69	83.22	7.8	33.27	8.1	24.9	1.73
C6	13 Feb 2023	8	13.48	82.93	7.2	33.34	8.1	25.0	1.16
C6	13 Feb 2023	9	13.45	82.98	7.0	33.35	8.0	25.0	0.81
C6	13 Feb 2023	10	13.45	82.85	7.1	33.35	8.0	25.0	0.72
C6	21 Feb 2023	1	13.65	82.85	8.7	33.39	8.1	25.0	2.01
C6	21 Feb 2023	2	13.66	82.83	8.7	33.39	8.1	25.0	2.05
C6	21 Feb 2023	3	13.65	82.79	8.7	33.39	8.1	25.0	2.06
C6	21 Feb 2023	4	13.64	82.76	8.7	33.39	8.1	25.0	2.49
C6	21 Feb 2023	5	13.60	80.63	8.6	33.40	8.1	25.0	2.71
C6	21 Feb 2023	6	13.59	82.56	8.5	33.40	8.1	25.0	2.77
C6	21 Feb 2023	7	13.56	82.70	8.3	33.40	8.1	25.0	2.79
C6	21 Feb 2023	8	13.47	82.86	7.8	33.41	8.1	25.1	2.36
C6	21 Feb 2023	9	13.11	83.51	6.8	33.46	8.0	25.2	1.73
C6	21 Feb 2023	10	12.73	83.47	6.1	33.49	7.9	25.3	0.95
C6	27 Feb 2023	1	13.01	80.00	8.0	33.29	8.0	25.1	0.39
C6	27 Feb 2023	2	13.00	79.86	8.0	33.29	8.0	25.1	0.39

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
C6	27 Feb 2023	3	12.99	79.77	8.0	33.29	8.0	25.1	0.43
C6	27 Feb 2023	4	12.98	79.74	8.0	33.29	8.0	25.1	0.49
C6	27 Feb 2023	5	12.98	79.78	7.9	33.29	8.0	25.1	0.57
C6	27 Feb 2023	6	12.98	80.12	7.9	33.30	8.0	25.1	0.64
C6	27 Feb 2023	7	12.99	80.94	7.9	33.30	8.0	25.1	0.69
C6	27 Feb 2023	8	12.99	81.61	7.9	33.30	8.0	25.1	0.68
C6	27 Feb 2023	9	12.99	81.79	7.9	33.30	8.0	25.1	0.66
C7	10 Feb 2023	1	13.82	80.43	8.6	33.30	8.1	24.9	2.49
C7	10 Feb 2023	2	13.81	80.59	8.6	33.30	8.1	24.9	2.52
C7	10 Feb 2023	3	13.81	80.30	8.6	33.31	8.1	24.9	3.12
C7	10 Feb 2023	4	13.82	80.24	8.6	33.31	8.1	24.9	3.43
C7	10 Feb 2023	5	13.84	80.01	8.4	33.32	8.1	24.9	3.84
C7	10 Feb 2023	6	13.84	80.13	8.4	33.32	8.1	24.9	3.78
C7	10 Feb 2023	7	13.83	79.95	8.4	33.32	8.1	24.9	3.97
C7	10 Feb 2023	8	13.83	80.05	8.4	33.32	8.1	24.9	4.05
C7	10 Feb 2023	9	13.82	80.01	8.4	33.32	8.1	24.9	4.45
C7	10 Feb 2023	10	13.83	80.06	8.3	33.33	8.1	24.9	4.21
C7	10 Feb 2023	11	13.81	79.83	8.2	33.33	8.1	24.9	4.11
C7	10 Feb 2023	12	13.80	80.19	8.1	33.33	8.1	24.9	4.11
C7	10 Feb 2023	13	13.63	81.39	7.7	33.35	8.1	25.0	3.48
C7	10 Feb 2023	14	13.40	83.25	7.1	33.38	8.0	25.1	2.87
C7	10 Feb 2023	15	13.11	85.28	6.5	33.41	8.0	25.1	2.32
C7	10 Feb 2023	16	12.80	86.54	6.0	33.45	8.0	25.2	1.68
C7	10 Feb 2023	17	12.58	87.98	5.6	33.46	7.9	25.3	1.30
C7	10 Feb 2023	18	12.60	88.98	5.7	33.45	7.9	25.3	1.01
C7	13 Feb 2023	1	14.06	85.84	8.5	33.30	8.2	24.9	1.22
C7	13 Feb 2023	2	14.05	87.01	8.5	33.31	8.2	24.9	1.40
C7	13 Feb 2023	3	14.04	87.25	8.5	33.31	8.2	24.9	1.50
C7	13 Feb 2023	4	14.02	87.11	8.5	33.31	8.2	24.9	1.74
C7	13 Feb 2023	5	14.02	87.18	8.5	33.31	8.2	24.9	1.88
C7	13 Feb 2023	6	14.01	86.64	8.4	33.31	8.2	24.9	2.02
C7	13 Feb 2023	7	14.01	86.25	8.4	33.31	8.2	24.9	2.05
C7	13 Feb 2023	8	14.03	86.53	8.3	33.31	8.2	24.9	2.06
C7	13 Feb 2023	9	14.03	87.01	8.4	33.31	8.2	24.9	2.14
C7	13 Feb 2023	10	14.02	87.09	8.5	33.31	8.2	24.9	2.45
C7	13 Feb 2023	11	14.02	87.11	8.4	33.31	8.2	24.9	2.23
C7	13 Feb 2023	12	14.01	87.09	8.3	33.31	8.2	24.9	2.43
C7	13 Feb 2023	13	14.01	87.12	8.3	33.31	8.1	24.9	2.45
C7	13 Feb 2023	14	13.99	87.12	8.2	33.31	8.1	24.9	2.23
C7	13 Feb 2023	15	13.90	87.04	7.9	33.33	8.1	24.9	2.11
C7	13 Feb 2023	16	13.54	86.82	7.3	33.38	8.1	25.0	1.75
C7	13 Feb 2023	17	13.13	86.88	6.8	33.41	8.0	25.1	1.13
C7	13 Feb 2023	18	13.12	86.82	6.8	33.40	8.0	25.1	0.97
C7	21 Feb 2023	1	13.71	81.18	9.0	33.38	8.1	25.0	2.16
C7	21 Feb 2023	2	13.71	81.02	9.0	33.38	8.1	25.0	2.47
C7	21 Feb 2023	3	13.68	80.98	8.9	33.38	8.1	25.0	2.70
C7	21 Feb 2023	4	13.58	81.00	8.7	33.38	8.1	25.0	2.97
C7	21 Feb 2023	5	13.51	81.43	8.5	33.38	8.1	25.0	3.33
C7	21 Feb 2023	6	13.48	82.31	8.4	33.38	8.1	25.0	3.54
C7	21 Feb 2023	7	13.44	83.34	8.2	33.38	8.1	25.0	3.44
C7	21 Feb 2023	8	13.34	84.44	7.9	33.39	8.1	25.1	3.21
C7	21 Feb 2023	9	13.20	85.06	7.6	33.41	8.0	25.1	2.87
C7	21 Feb 2023	10	13.09	85.61	7.2	33.42	8.0	25.1	2.42
C7	21 Feb 2023	11	12.98	86.47	6.9	33.43	8.0	25.2	1.79
C7	21 Feb 2023	12	12.94	86.96	6.9	33.44	8.0	25.2	1.79
C7	21 Feb 2023	13	12.93	86.61	6.8	33.44	8.0	25.2	1.81
C7	21 Feb 2023	14	12.82	86.56	6.5	33.45	7.9	25.2	1.48
C7	21 Feb 2023	15	12.69	86.64	6.3	33.47	7.9	25.3	1.30

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C7	21 Feb 2023	16	12.57	87.07	6.0	33.48	7.9	25.3	1.29
C7	21 Feb 2023	17	12.36	87.37	5.8	33.50	7.9	25.4	1.14
C7	21 Feb 2023	18	12.22	87.67	5.6	33.51	7.8	25.4	0.98
C7	27 Feb 2023	1	13.07	82.39	8.1	33.30	8.1	25.1	0.74
C7	27 Feb 2023	2	13.06	81.45	8.1	33.30	8.1	25.1	0.74
C7	27 Feb 2023	3	13.04	82.13	8.1	33.30	8.1	25.1	0.94
C7	27 Feb 2023	4	13.05	82.35	8.1	33.30	8.1	25.1	1.12
C7	27 Feb 2023	5	13.05	82.08	8.1	33.30	8.1	25.1	1.29
C7	27 Feb 2023	6	13.05	82.02	8.1	33.30	8.1	25.1	1.41
C7	27 Feb 2023	7	13.06	82.38	8.1	33.31	8.1	25.1	1.65
C7	27 Feb 2023	8	13.08	82.39	8.0	33.31	8.1	25.1	1.70
C7	27 Feb 2023	9	13.09	82.59	8.0	33.31	8.1	25.1	1.75
C7	27 Feb 2023	10	13.08	82.77	8.0	33.31	8.1	25.1	1.76
C7	27 Feb 2023	11	13.09	82.87	8.0	33.32	8.1	25.1	1.88
C7	27 Feb 2023	12	13.09	83.08	8.0	33.32	8.1	25.1	1.86
C7	27 Feb 2023	13	13.09	83.47	8.0	33.32	8.1	25.1	1.80
C7	27 Feb 2023	14	13.11	83.35	7.9	33.34	8.1	25.1	1.93
C7	27 Feb 2023	15	13.11	83.77	7.8	33.35	8.0	25.1	1.51
C7	27 Feb 2023	16	13.09	84.85	7.5	33.36	8.0	25.1	1.35
C7	27 Feb 2023	17	13.08	86.35	7.4	33.37	8.0	25.1	1.02
C7	27 Feb 2023	18	13.08	85.97	7.5	33.36	8.0	25.1	1.07
C8	10 Feb 2023	1	13.86	79.86	9.0	33.28	8.2	24.9	2.29
C8	10 Feb 2023	2	13.85	79.81	9.0	33.28	8.2	24.9	2.51
C8	10 Feb 2023	3	13.85	80.25	9.0	33.28	8.2	24.9	2.91
C8	10 Feb 2023	4	13.84	80.02	9.0	33.28	8.2	24.9	3.42
C8	10 Feb 2023	5	13.84	79.84	8.9	33.28	8.2	24.9	3.86
C8	10 Feb 2023	6	13.80	79.82	8.7	33.29	8.2	24.9	4.24
C8	10 Feb 2023	7	13.77	79.57	8.6	33.29	8.1	24.9	4.64
C8	10 Feb 2023	8	13.75	79.17	8.6	33.30	8.1	24.9	5.02
C8	10 Feb 2023	9	13.73	79.46	8.4	33.30	8.1	24.9	4.78
C8	10 Feb 2023	10	13.57	79.95	7.6	33.34	8.1	25.0	4.07
C8	10 Feb 2023	11	13.13	80.34	6.6	33.40	8.0	25.1	3.28
C8	10 Feb 2023	12	12.89	82.42	6.2	33.42	8.0	25.2	2.20
C8	10 Feb 2023	13	12.77	86.28	6.0	33.43	8.0	25.2	1.84
C8	10 Feb 2023	14	12.70	87.53	5.9	33.44	7.9	25.2	1.55
C8	10 Feb 2023	15	12.64	88.10	5.8	33.45	7.9	25.3	1.43
C8	10 Feb 2023	16	12.59	88.20	5.7	33.45	7.9	25.3	1.17
C8	10 Feb 2023	17	12.51	88.55	5.6	33.47	7.9	25.3	1.17
C8	10 Feb 2023	18	12.48	88.50	5.4	33.47	7.9	25.3	1.09
C8	10 Feb 2023	19	12.38	87.39	5.3	33.49	7.9	25.3	0.93
C8	13 Feb 2023	1	13.99	86.42	8.4	33.32	8.1	24.9	1.83
C8	13 Feb 2023	2	13.99	86.59	8.4	33.32	8.1	24.9	1.79
C8	13 Feb 2023	3	13.96	86.51	8.3	33.32	8.1	24.9	1.99
C8	13 Feb 2023	4	13.91	86.51	8.3	33.33	8.1	24.9	2.13
C8	13 Feb 2023	5	13.89	86.22	8.2	33.33	8.1	24.9	2.24
C8	13 Feb 2023	6	13.88	85.90	8.2	33.33	8.1	24.9	2.23
C8	13 Feb 2023	7	13.85	85.59	8.2	33.34	8.1	24.9	2.47
C8	13 Feb 2023	8	13.85	85.53	8.2	33.34	8.1	24.9	2.57
C8	13 Feb 2023	9	13.82	85.09	8.2	33.34	8.1	24.9	2.64
C8	13 Feb 2023	10	13.82	84.95	8.1	33.34	8.1	24.9	2.81
C8	13 Feb 2023	11	13.78	84.86	8.1	33.35	8.1	25.0	2.97
C8	13 Feb 2023	12	13.77	84.73	8.0	33.35	8.1	25.0	2.94
C8	13 Feb 2023	13	13.76	84.71	8.1	33.35	8.1	25.0	2.99
C8	13 Feb 2023	14	13.76	84.73	8.0	33.35	8.1	25.0	2.95
C8	13 Feb 2023	15	13.75	84.80	8.0	33.35	8.1	25.0	2.99
C8	13 Feb 2023	16	13.73	84.93	8.0	33.35	8.1	25.0	2.72
C8	13 Feb 2023	17	13.64	85.47	7.6	33.36	8.1	25.0	2.37
C8	13 Feb 2023	18	13.18	85.65	6.9	33.41	8.1	25.1	1.95

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
C8	13 Feb 2023	19	13.02	83.31	6.6	33.41	8.0	25.2	1.55
C8	21 Feb 2023	1	13.57	81.74	8.9	33.37	8.1	25.0	2.12
C8	21 Feb 2023	2	13.57	79.58	8.9	33.37	8.1	25.0	2.36
C8	21 Feb 2023	3	13.56	81.40	8.7	33.37	8.1	25.0	2.57
C8	21 Feb 2023	4	13.41	81.34	8.3	33.38	8.1	25.1	2.78
C8	21 Feb 2023	5	13.24	81.87	7.8	33.41	8.1	25.1	2.87
C8	21 Feb 2023	6	13.10	83.34	7.3	33.42	8.0	25.1	2.57
C8	21 Feb 2023	7	12.92	84.13	6.8	33.43	8.0	25.2	2.34
C8	21 Feb 2023	8	12.70	85.08	6.4	33.46	7.9	25.3	2.07
C8	21 Feb 2023	9	12.59	85.51	6.2	33.47	7.9	25.3	1.87
C8	21 Feb 2023	10	12.47	85.42	6.0	33.48	7.9	25.3	1.54
C8	21 Feb 2023	11	12.46	85.53	5.9	33.48	7.9	25.3	1.35
C8	21 Feb 2023	12	12.45	84.92	5.9	33.48	7.9	25.3	1.31
C8	21 Feb 2023	13	12.44	84.92	5.9	33.49	7.9	25.3	1.32
C8	21 Feb 2023	14	12.43	84.58	5.9	33.49	7.9	25.3	1.26
C8	21 Feb 2023	15	12.40	84.57	5.9	33.49	7.9	25.3	1.30
C8	21 Feb 2023	16	12.38	84.97	5.8	33.50	7.9	25.4	1.41
C8	21 Feb 2023	17	12.36	85.02	5.8	33.50	7.9	25.4	1.38
C8	21 Feb 2023	18	12.34	84.98	5.8	33.51	7.9	25.4	1.52
C8	21 Feb 2023	19	12.31	85.09	5.7	33.51	7.9	25.4	1.33
C8	21 Feb 2023	20	12.31	85.27	5.7	33.51	7.9	25.4	1.33
C8	27 Feb 2023	1	13.06	80.06	8.2	33.26	8.1	25.0	1.04
C8	27 Feb 2023	2	13.05	79.75	8.2	33.26	8.1	25.0	1.12
C8	27 Feb 2023	3	13.03	79.24	8.2	33.27	8.1	25.0	1.42
C8	27 Feb 2023	4	13.03	78.71	8.2	33.27	8.1	25.0	1.85
C8	27 Feb 2023	5	13.05	78.36	8.2	33.28	8.1	25.1	2.22
C8	27 Feb 2023	6	13.08	78.11	8.2	33.29	8.1	25.1	2.40
C8	27 Feb 2023	7	13.10	78.58	8.2	33.30	8.1	25.1	2.63
C8	27 Feb 2023	8	13.14	79.29	8.2	33.32	8.1	25.1	2.77
C8	27 Feb 2023	9	13.17	80.06	8.1	33.33	8.1	25.1	2.70
C8	27 Feb 2023	10	13.18	81.13	8.1	33.34	8.1	25.1	2.62
C8	27 Feb 2023	11	13.18	81.91	8.1	33.34	8.1	25.1	2.78
C8	27 Feb 2023	12	13.18	81.92	8.1	33.34	8.1	25.1	2.65
C8	27 Feb 2023	13	13.18	81.74	8.1	33.34	8.1	25.1	2.57
C8	27 Feb 2023	14	13.18	81.92	8.1	33.34	8.1	25.1	2.59
C8	27 Feb 2023	15	13.18	81.85	8.1	33.34	8.1	25.1	2.42
C8	27 Feb 2023	16	13.18	81.64	8.1	33.34	8.1	25.1	2.46
C8	27 Feb 2023	17	13.18	81.60	8.1	33.34	8.1	25.1	2.47
C8	27 Feb 2023	18	13.18	81.46	8.1	33.34	8.1	25.1	2.51
C8	27 Feb 2023	19	13.18	80.45	8.1	33.34	8.1	25.1	2.47

NA = not available

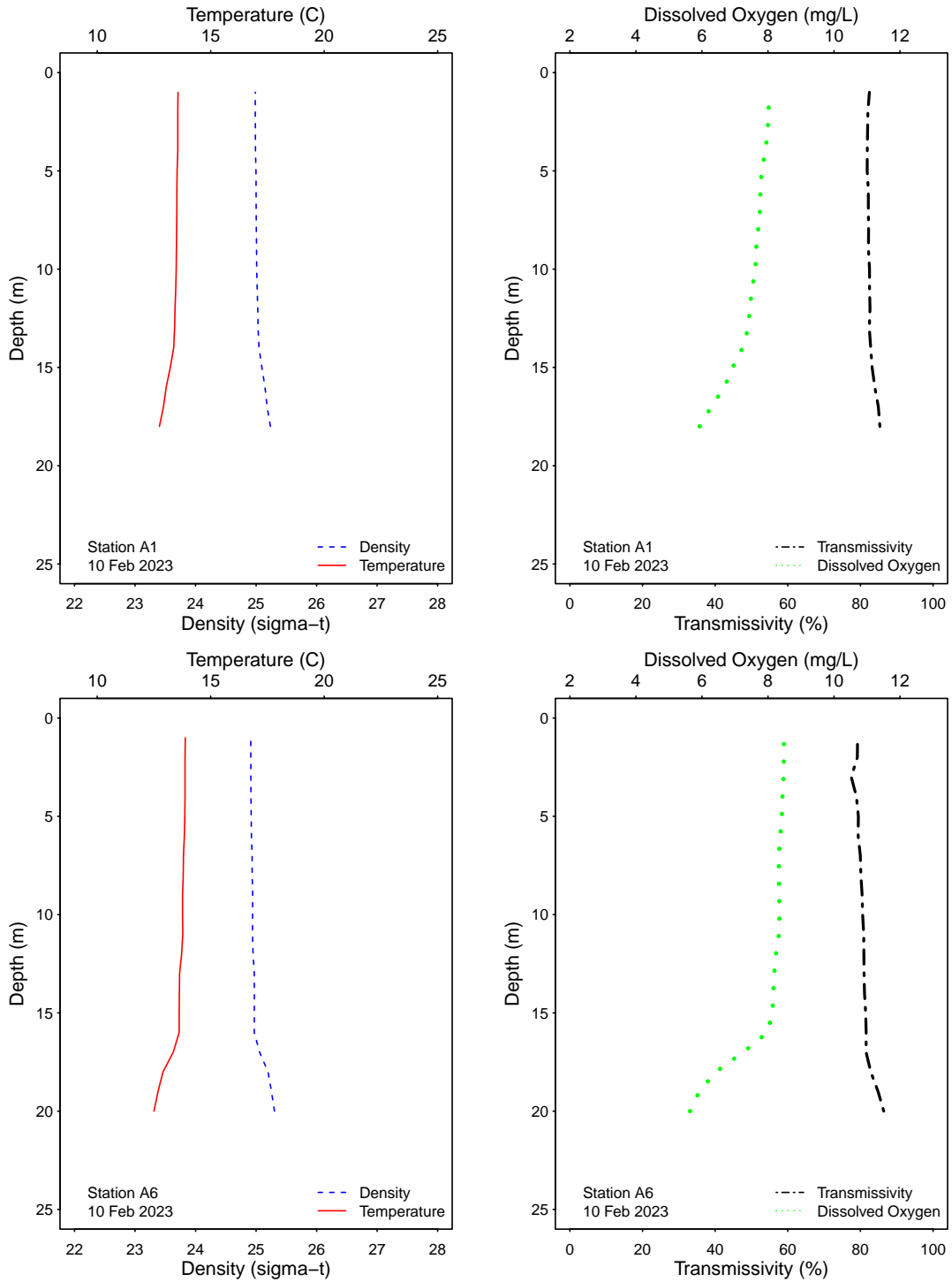


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

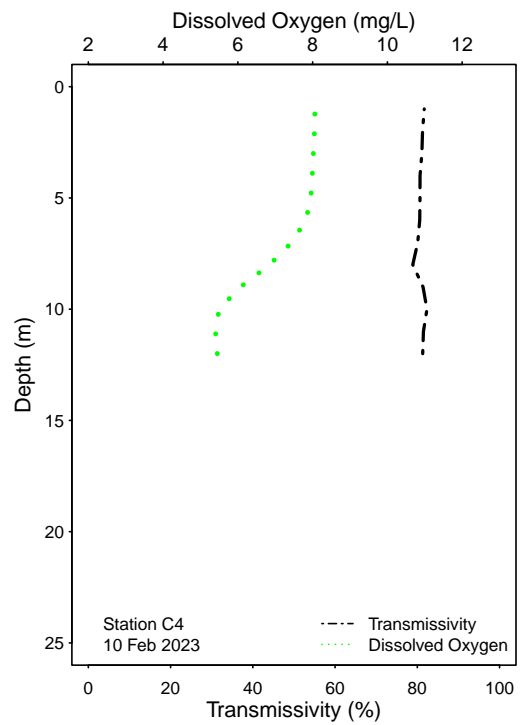
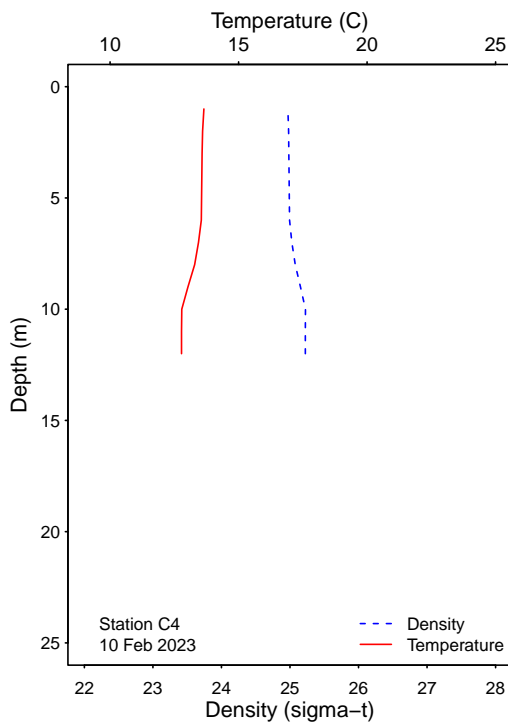
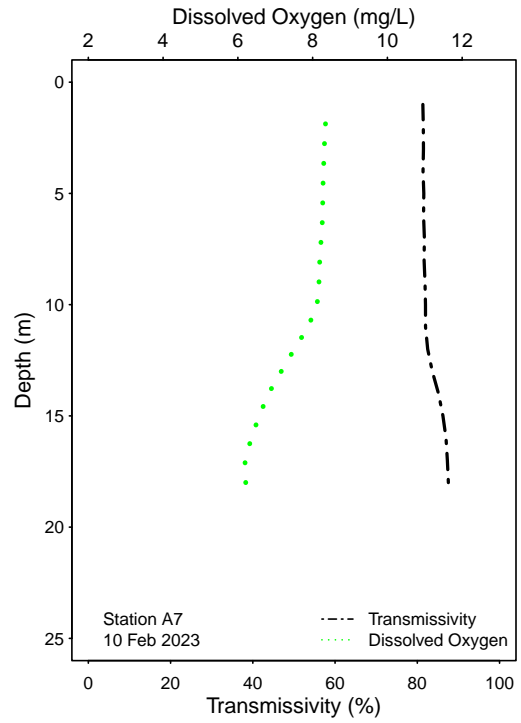
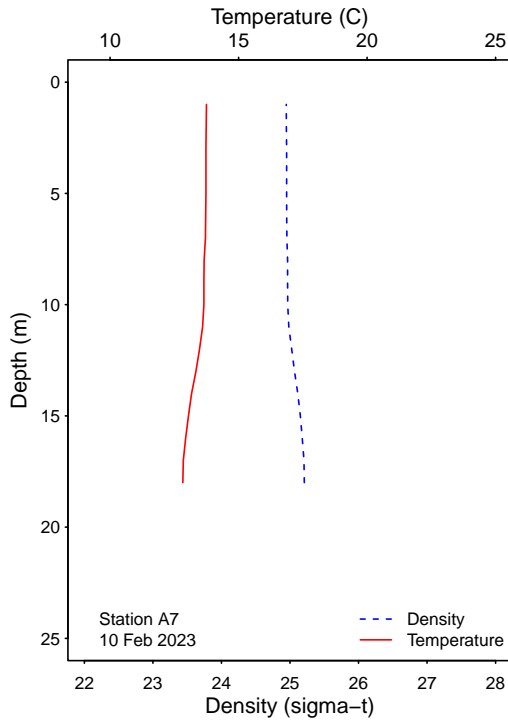


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

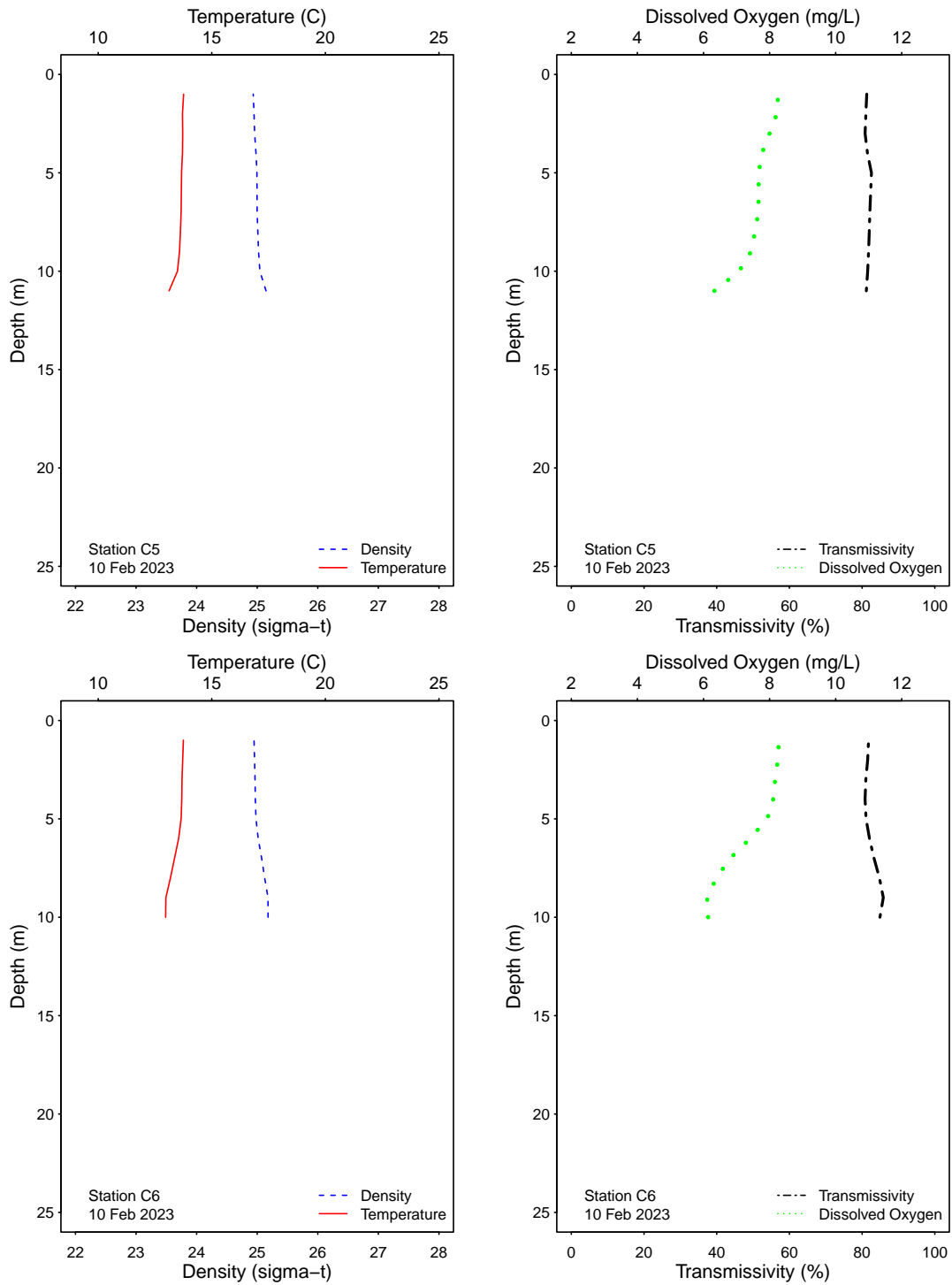


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

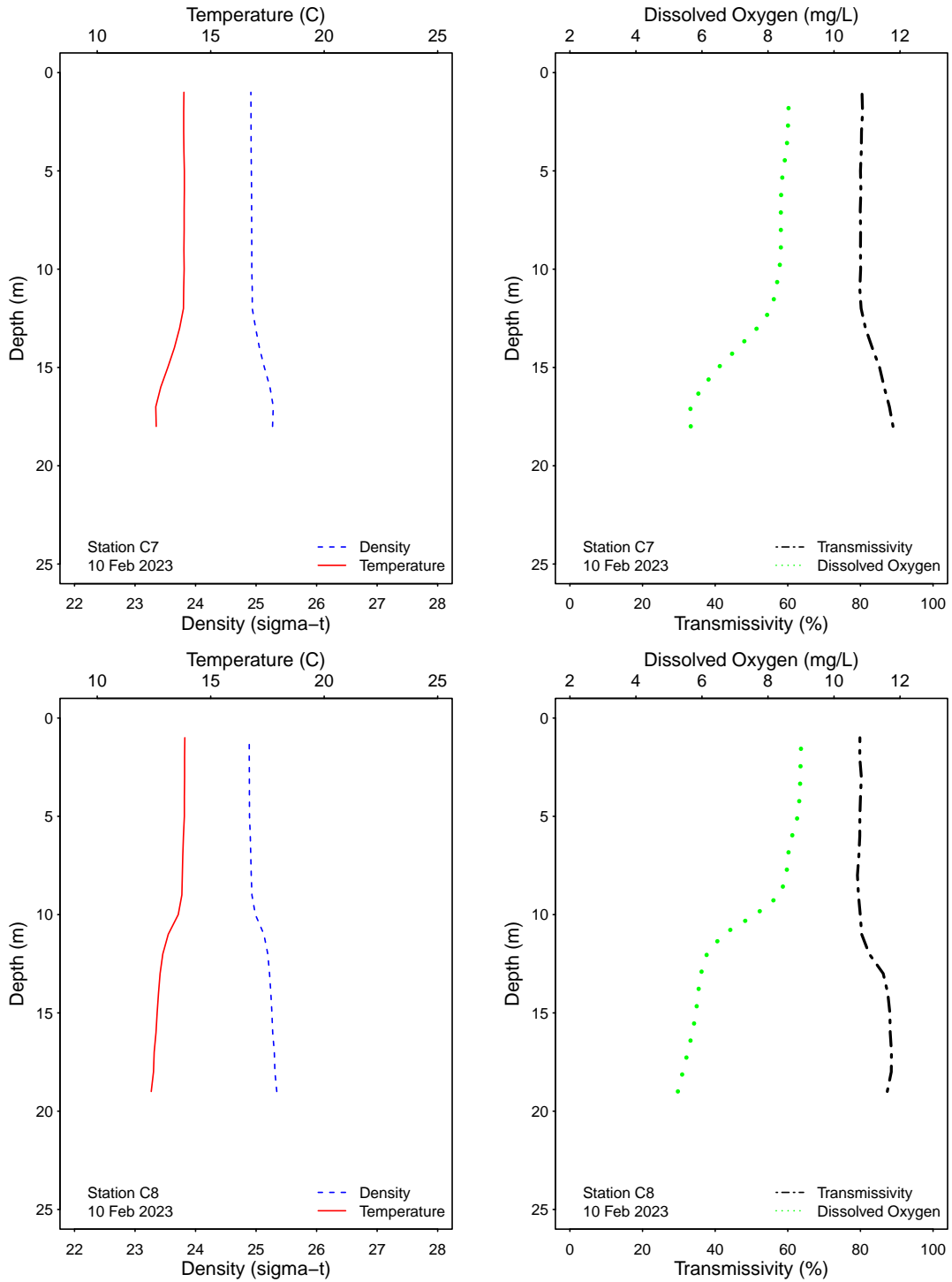


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

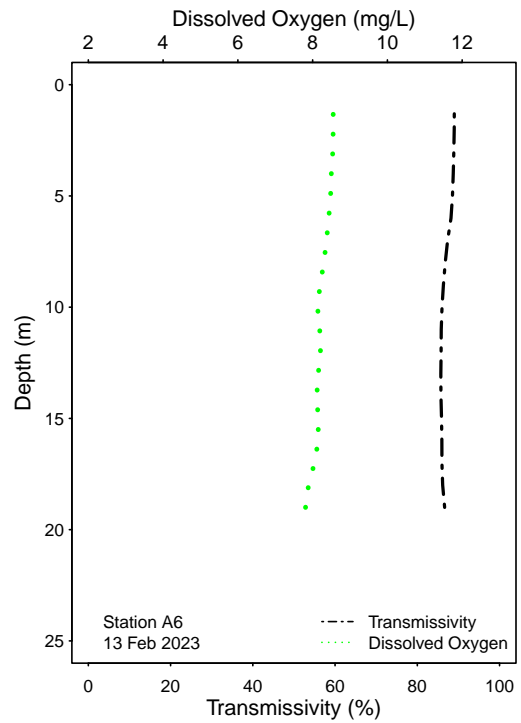
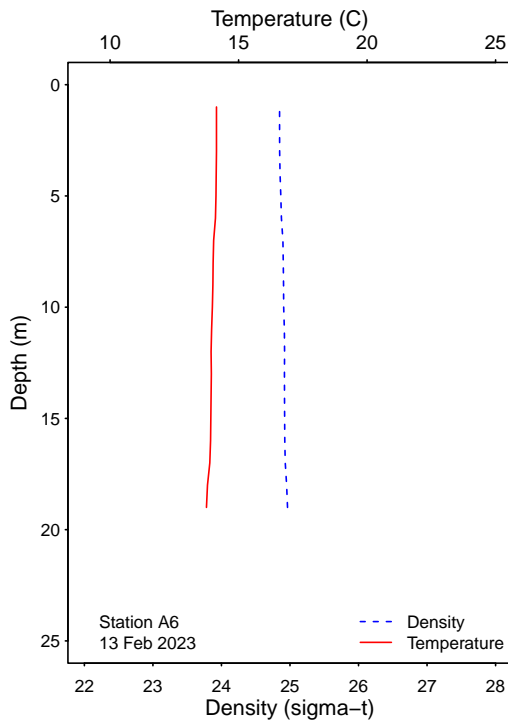
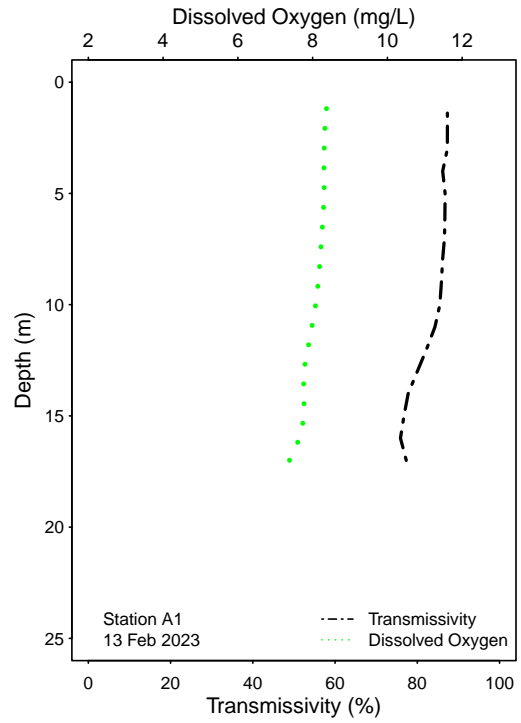
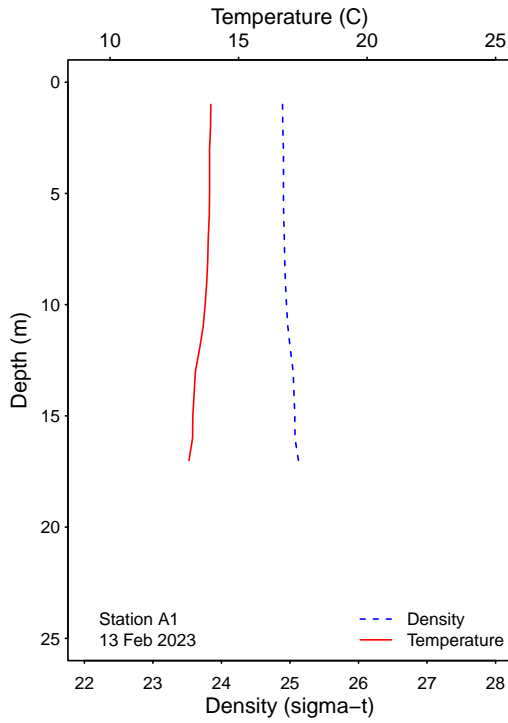


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

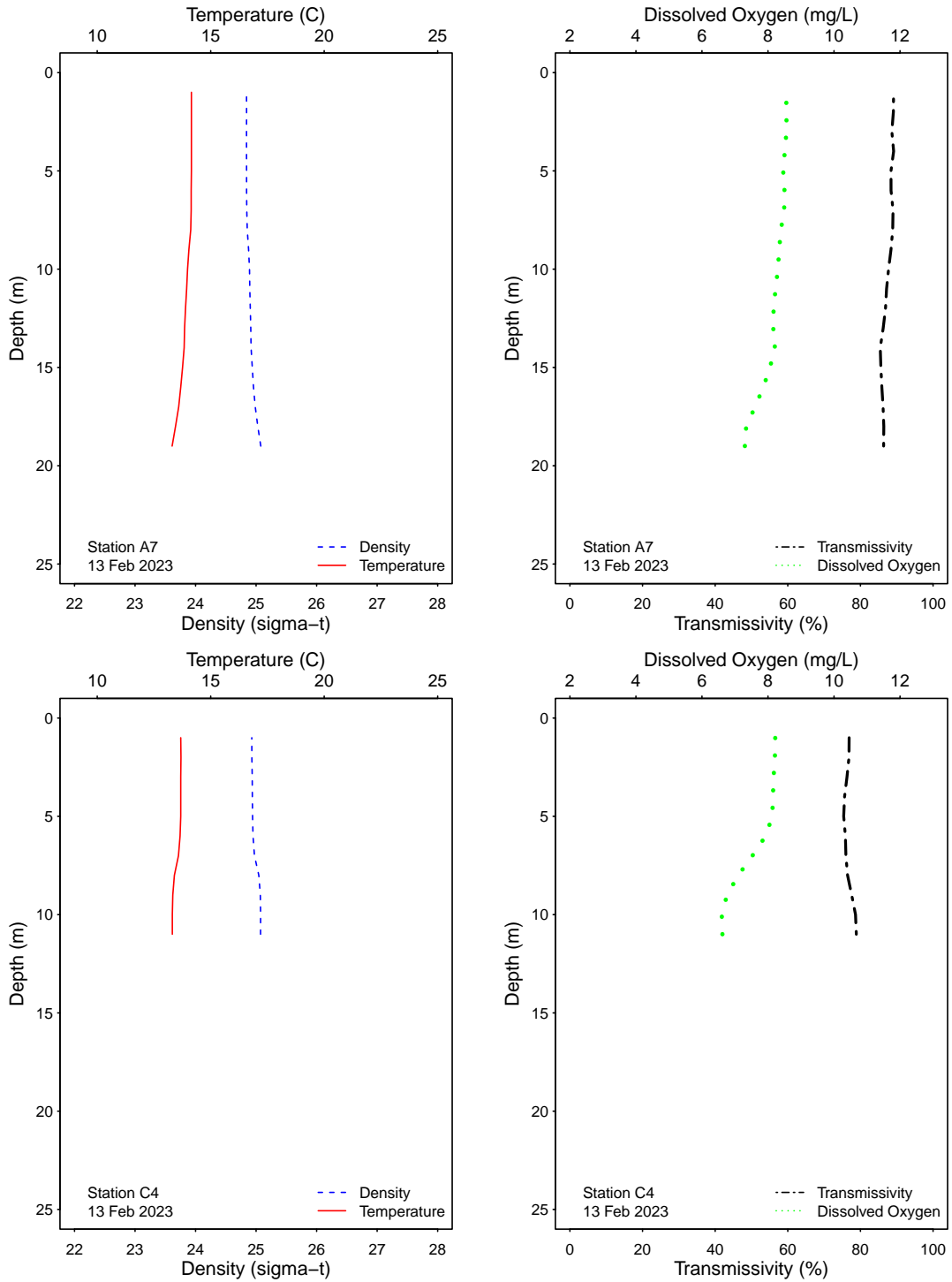


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

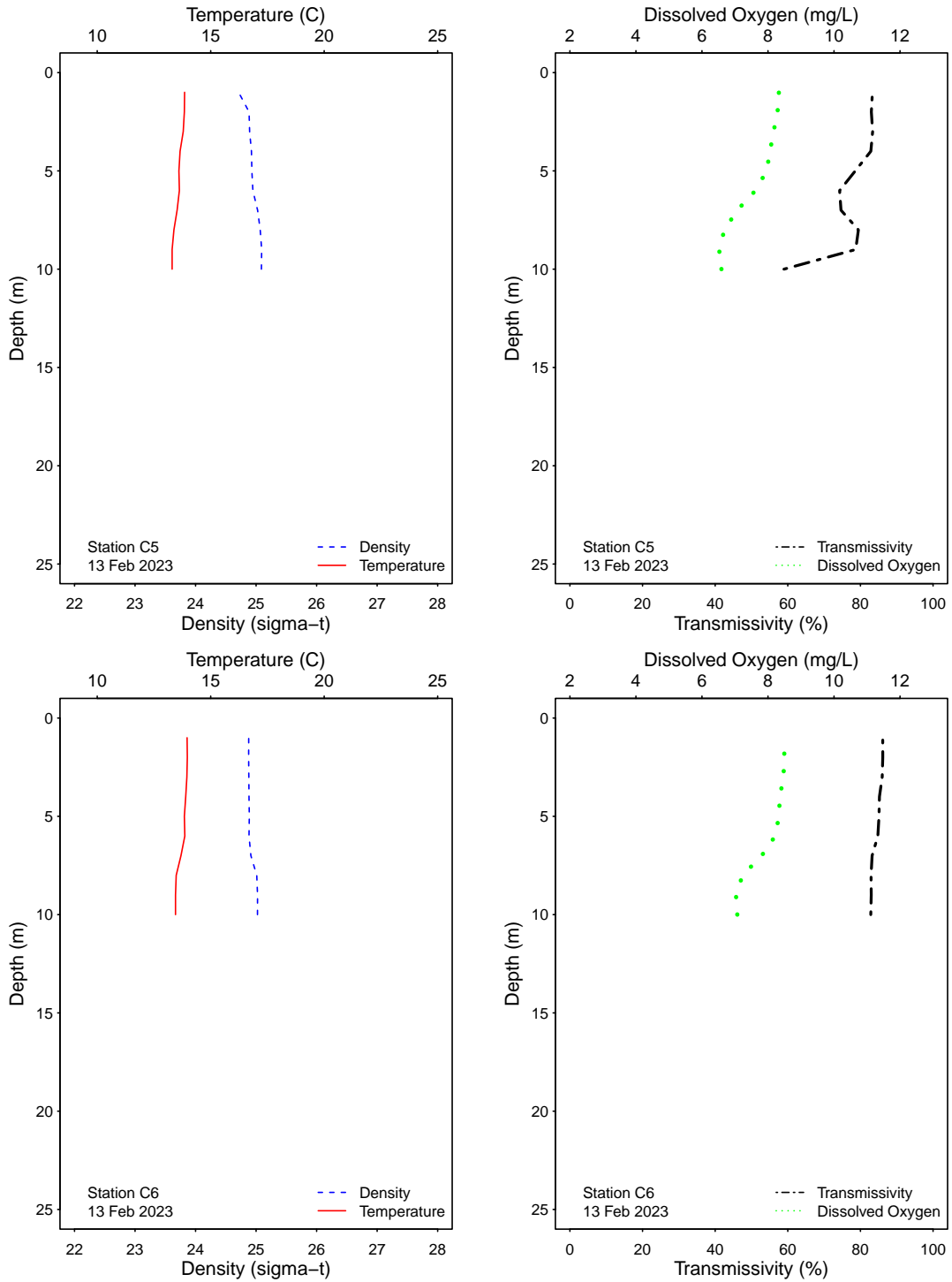


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

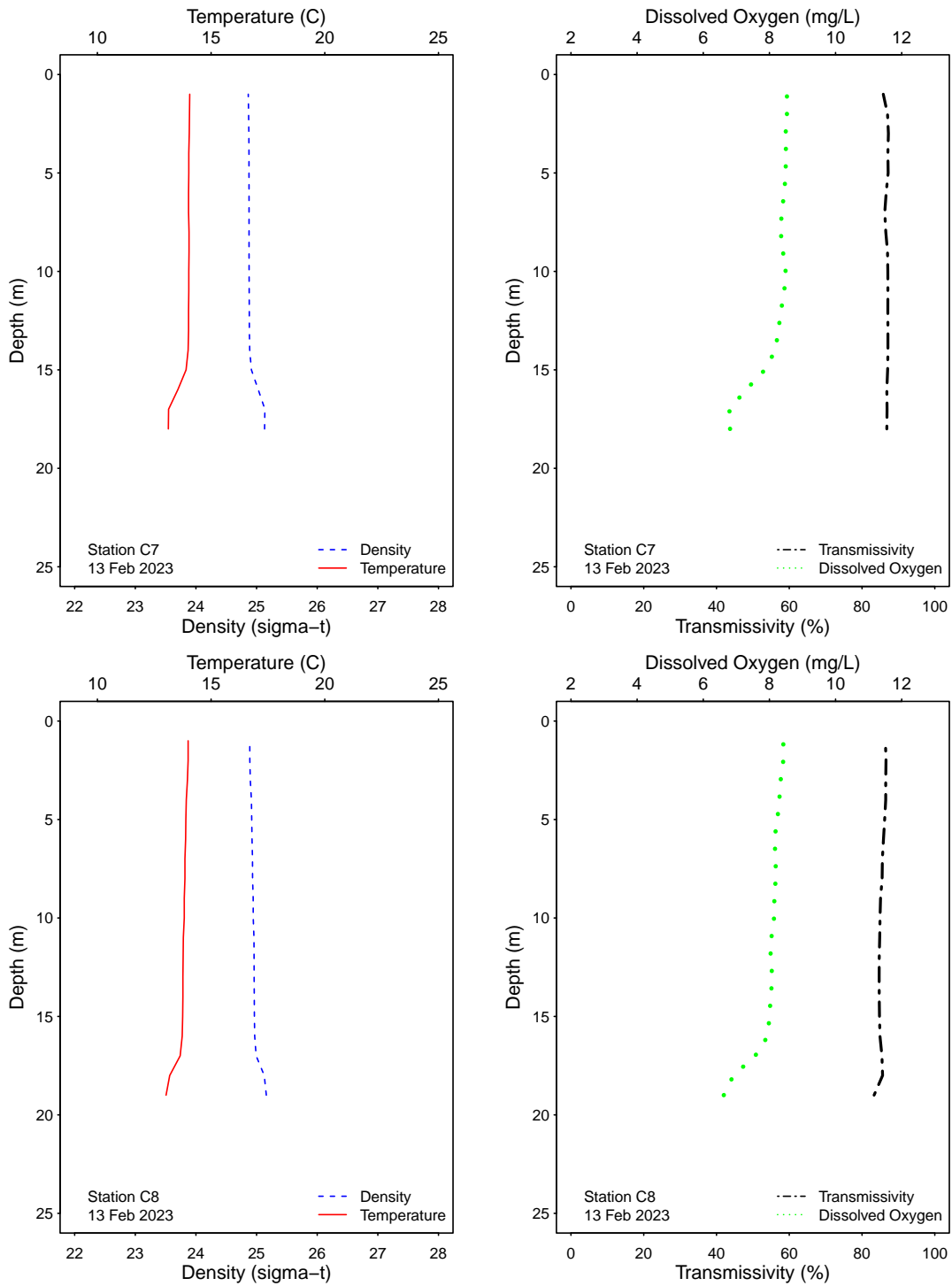


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

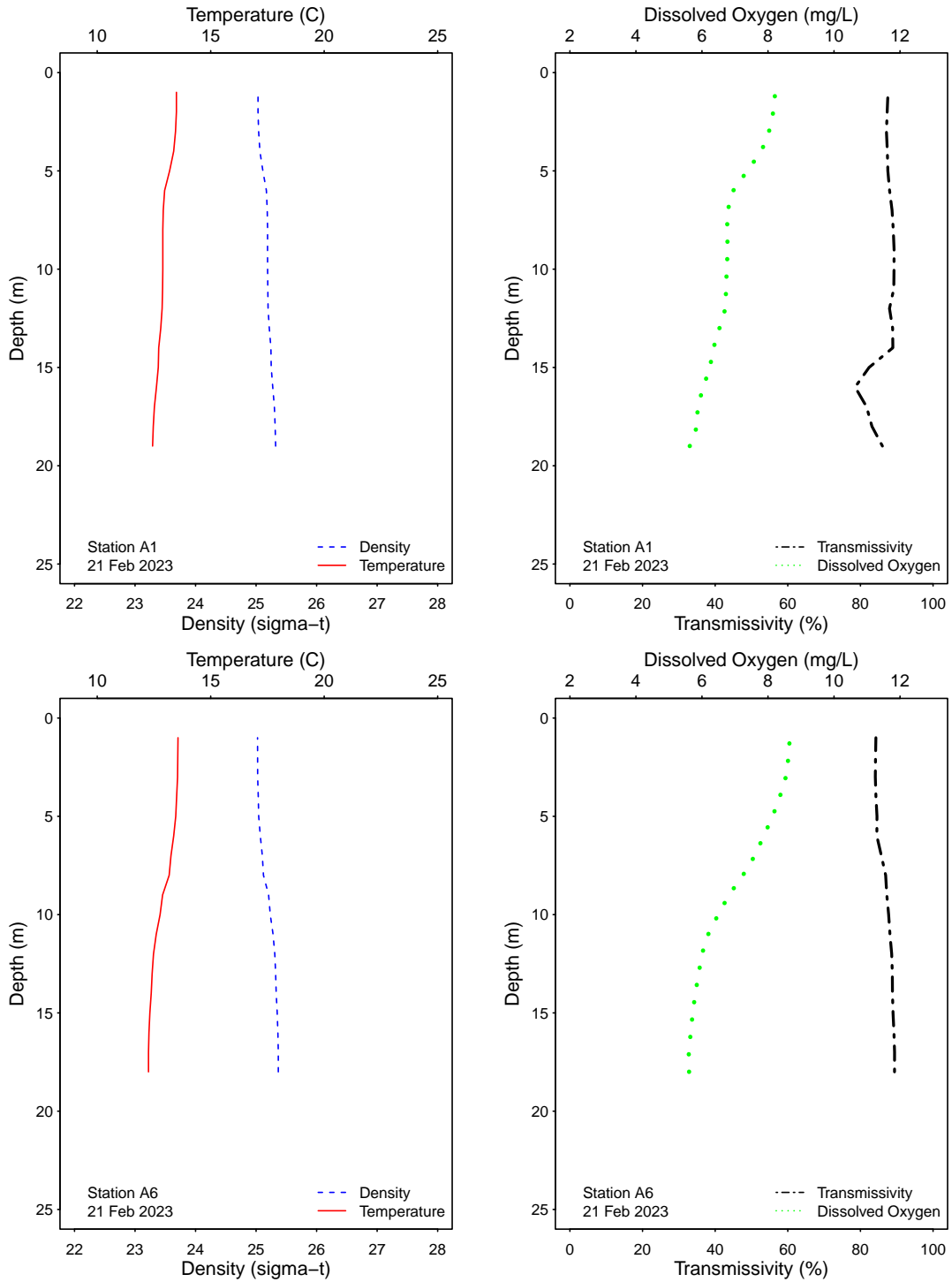


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

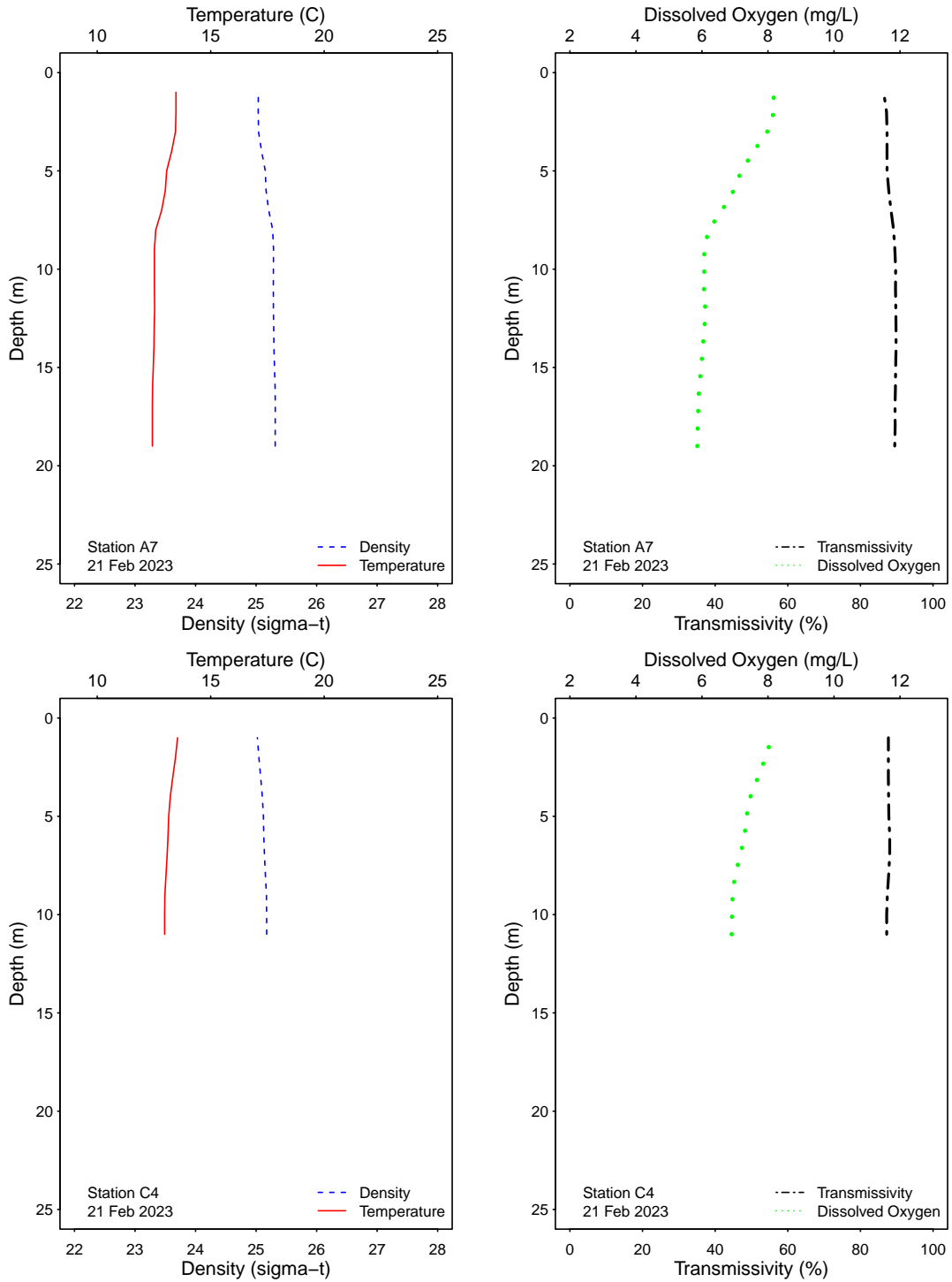


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

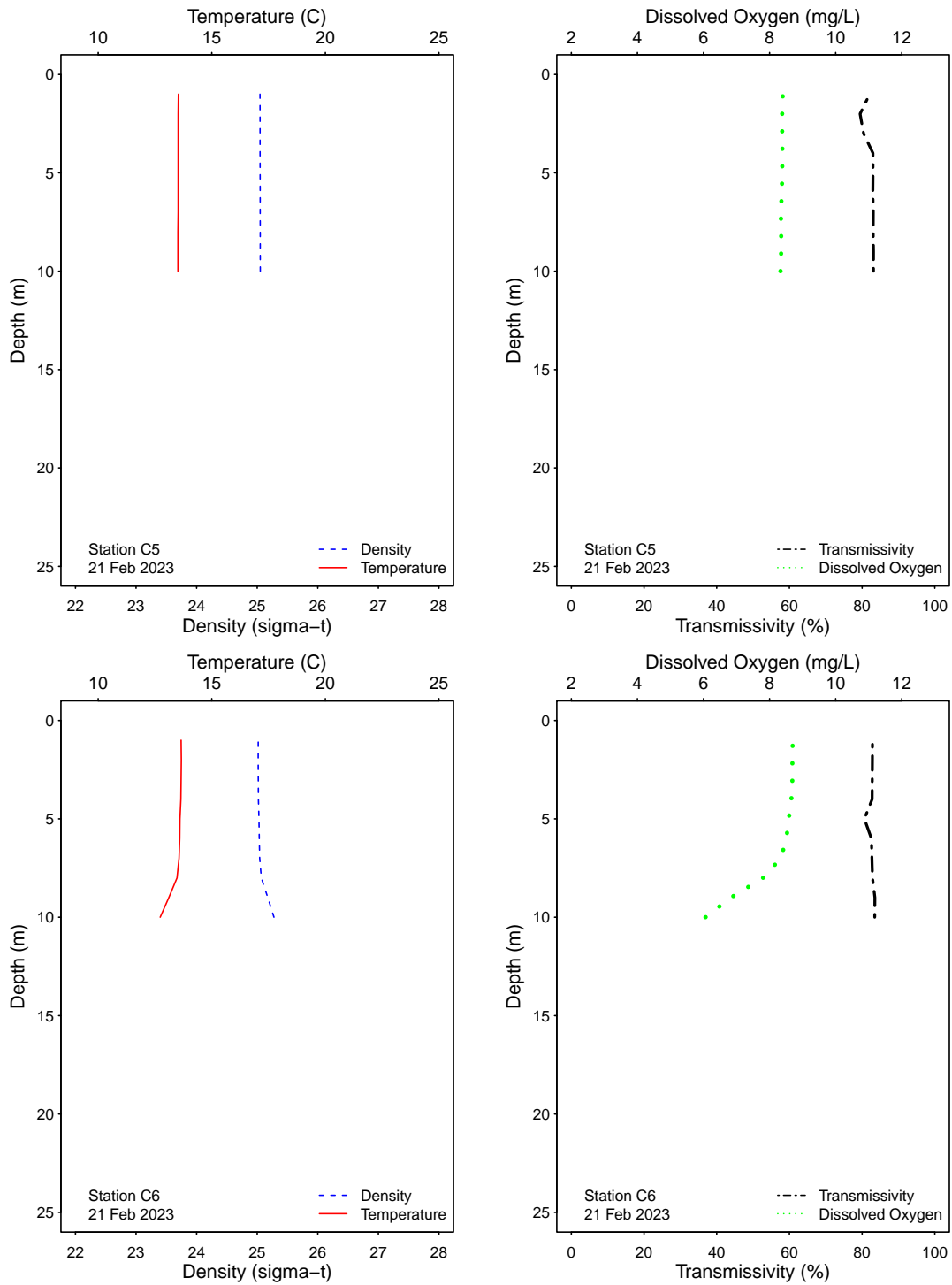


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

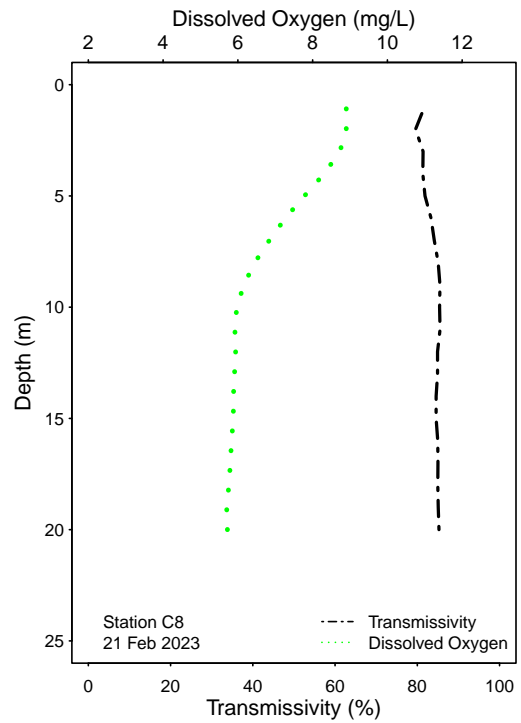
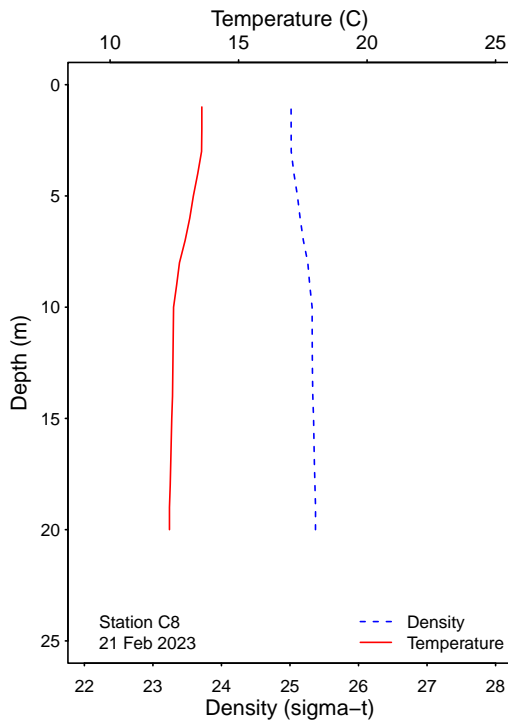
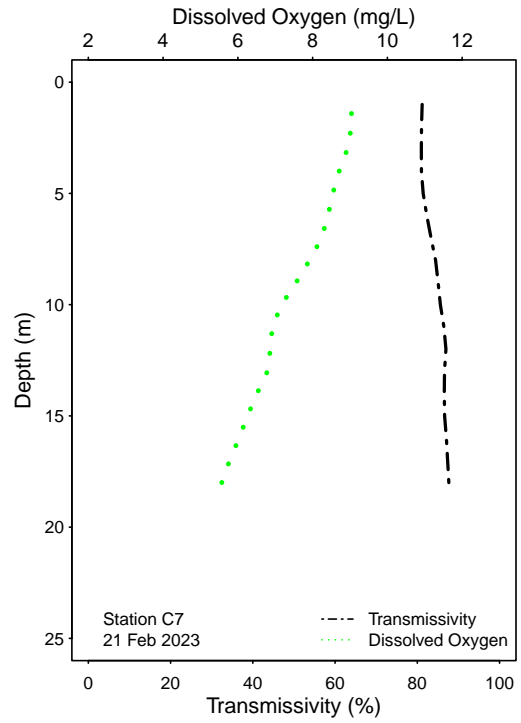
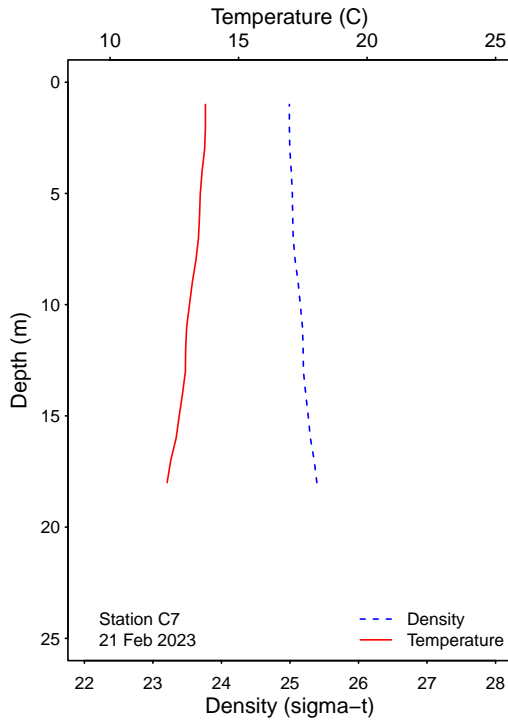


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

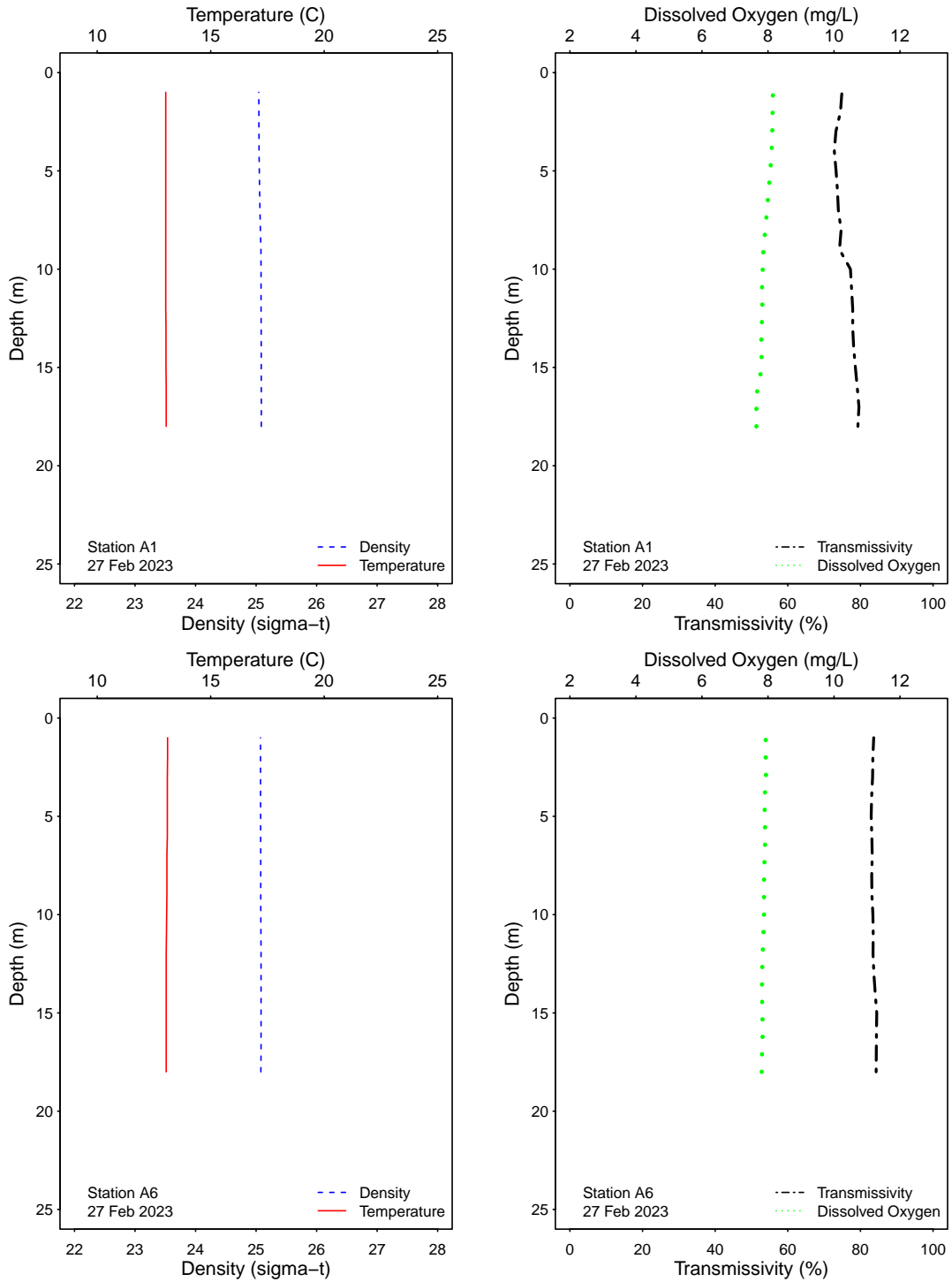


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

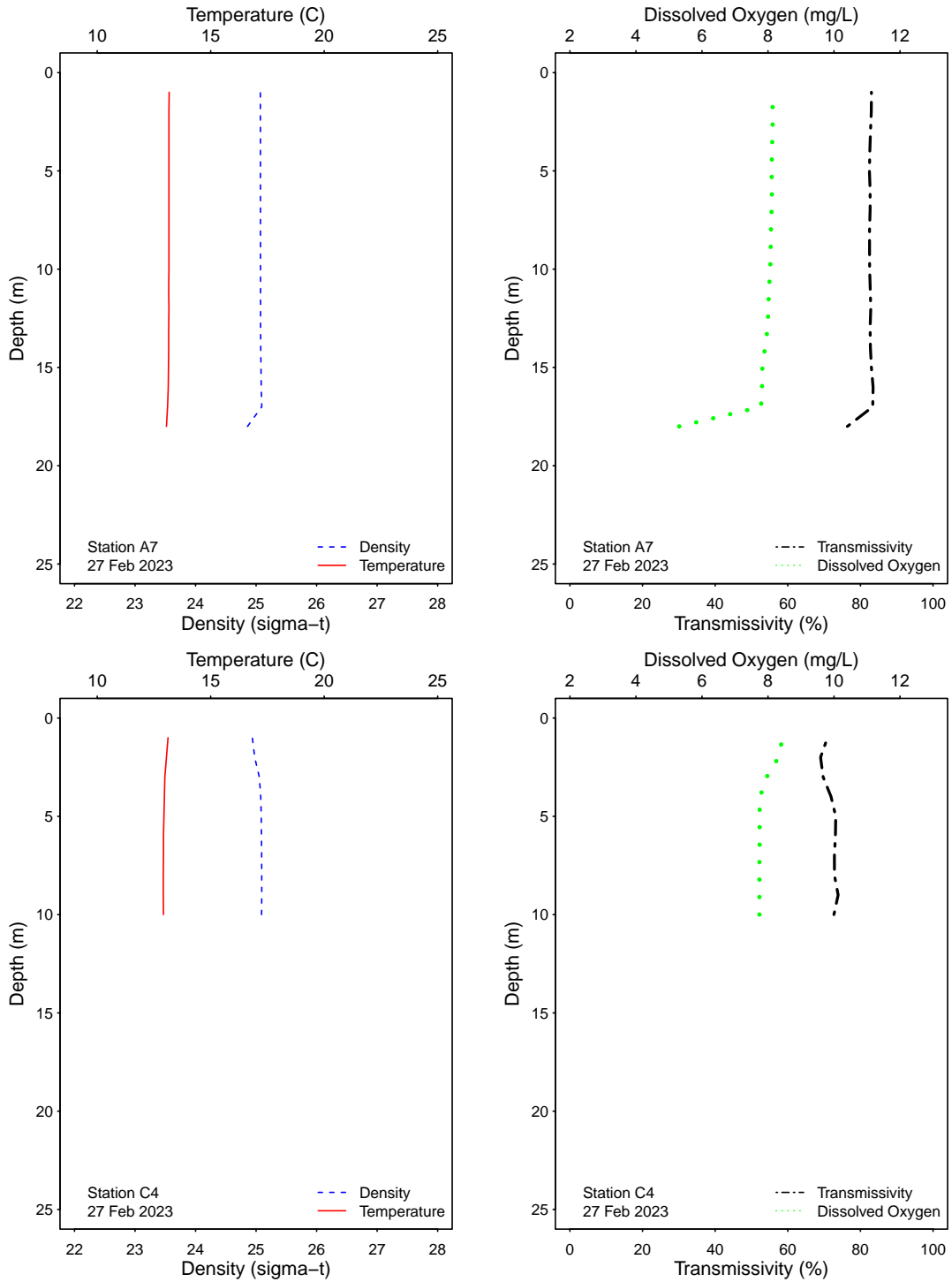


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

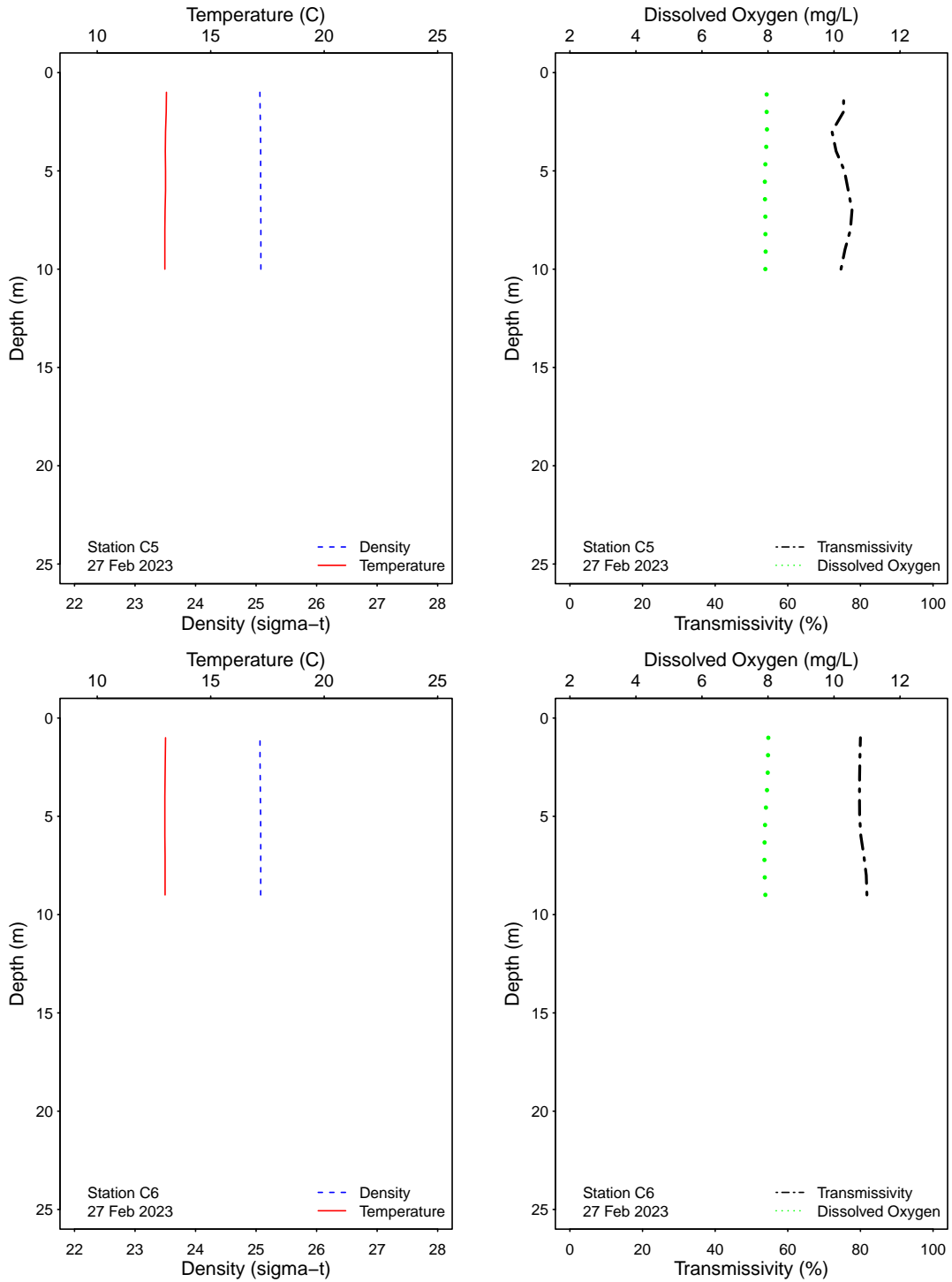


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

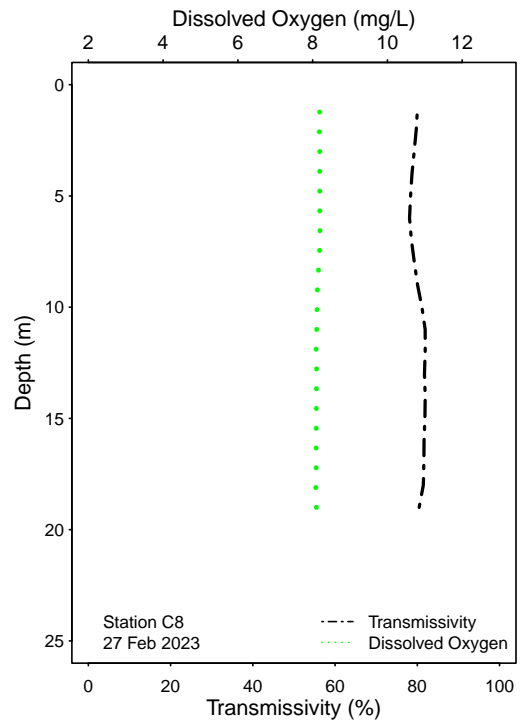
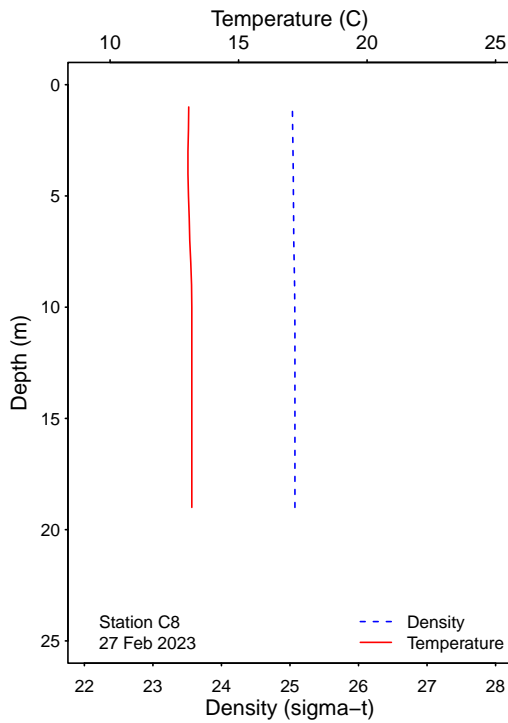
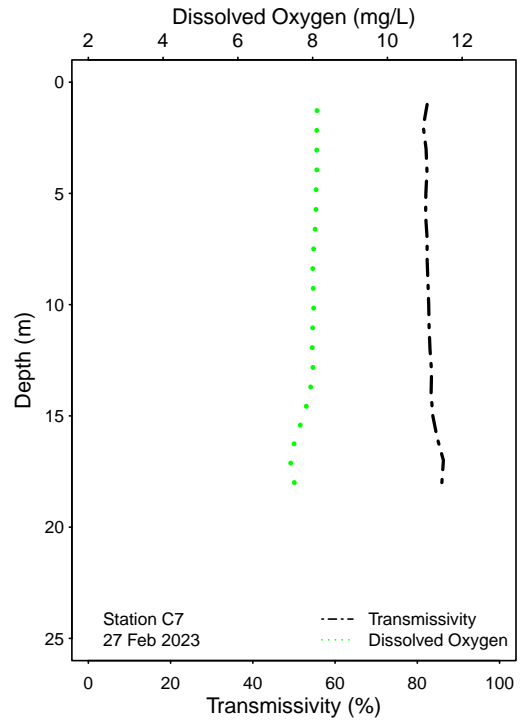
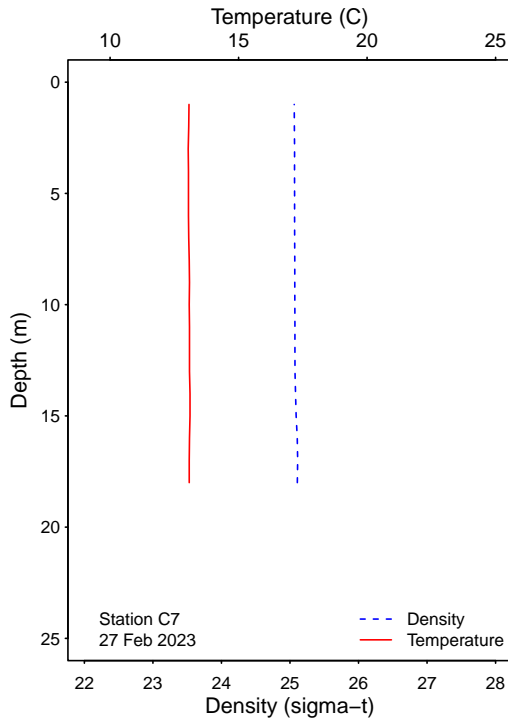


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

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
02 Mar 2023	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	ns	ns	ns
03 Mar 2023	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	IC	E	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	02 Mar 2023	1143	1	<2	13.6	55.77	8.4	33.13	8.1
F01	02 Mar 2023	1143	12	2e	13.2	71.74	8.1	33.31	8.1
F01	02 Mar 2023	1143	18	4e	11.7	70.52	4.2	33.61	7.8
F02	02 Mar 2023	826	1	<2	13.2	79.38	8.5	33.34	8.2
F02	02 Mar 2023	826	12	2e	12.7	86.38	6.5	33.45	8.1
F02	02 Mar 2023	826	18	<2	12.0	84.74	5.1	33.55	7.9
F03	02 Mar 2023	838	1	<2	13.2	79.78	8.5	33.34	8.1
F03	02 Mar 2023	838	12	<2	12.8	84.79	6.5	33.45	8.0
F03	02 Mar 2023	838	18	4e	11.9	84.72	5.0	33.57	7.8
F04	02 Mar 2023	1117	1	4e	13.4	82.58	8.6	33.35	8.1
F04	02 Mar 2023	1117	25	<2	12.1	91.28	5.3	33.51	7.9
F04	02 Mar 2023	1117	60	84	10.8	88.04	3.4	33.88	7.7
F05	02 Mar 2023	1105	1	2e	13.5	82.90	8.6	33.34	8.1
F05	02 Mar 2023	1105	25	44	12.0	91.05	5.2	33.55	7.9
F05	02 Mar 2023	1105	60	74	10.7	87.84	3.4	33.88	7.7
F06	02 Mar 2023	1051	1	<2	13.4	81.32	8.6	33.32	8.1
F06	02 Mar 2023	1051	25	6e	12.0	91.24	5.2	33.55	7.9
F06	02 Mar 2023	1051	60	8e	10.8	84.27	3.4	33.87	7.7
F07	02 Mar 2023	1038	1	<2	13.3	83.37	8.5	33.36	8.1
F07	02 Mar 2023	1038	25	<2	12.1	91.15	5.4	33.54	7.9
F07	02 Mar 2023	1038	60	16e	10.9	87.11	3.6	33.83	7.8
F08	02 Mar 2023	1025	1	<2	13.3	83.30	8.5	33.36	8.1
F08	02 Mar 2023	1025	25	2e	12.3	90.76	5.7	33.52	7.9
F08	02 Mar 2023	1025	60	22e	10.8	86.07	3.5	33.85	7.8
F09	02 Mar 2023	1013	1	<2	13.2	81.65	8.5	33.34	8.1
F09	02 Mar 2023	1013	25	2e	12.1	91.11	5.3	33.54	7.9
F09	02 Mar 2023	1013	60	10e	10.8	86.12	3.6	33.84	7.7
F10	02 Mar 2023	959	1	<2	13.2	85.43	8.3	33.37	8.1
F10	02 Mar 2023	959	25	<2	12.2	90.70	5.6	33.51	7.9
F10	02 Mar 2023	959	60	78	10.9	85.01	3.6	33.82	7.7
F11	02 Mar 2023	942	1	6e	13.2	83.83	8.4	33.33	8.1
F11	02 Mar 2023	942	25	4e	11.9	90.69	5.2	33.55	7.9
F11	02 Mar 2023	942	60	8e	10.8	87.42	3.5	33.85	7.7
F12	02 Mar 2023	938	1	2e	13.2	81.34	8.6	33.26	8.1
F12	02 Mar 2023	938	25	8e	11.8	91.71	4.9	33.59	7.8
F12	02 Mar 2023	938	60	20e	10.9	86.28	3.5	33.82	7.7
F13	02 Mar 2023	910	1	<2	13.3	83.43	8.6	33.30	8.1
F13	02 Mar 2023	910	25	6e	11.6	91.68	4.6	33.62	7.8
F13	02 Mar 2023	910	60	20e	10.9	87.68	3.5	33.81	7.7

Station	Date	Time	Depth	Entero	Temp	XMS	DO	Sal	pH
F14	02 Mar 2023	856	1	<2	13.2	80.24	8.4	33.25	8.1
F14	02 Mar 2023	856	25	6e	11.4	90.01	4.4	33.65	7.8
F14	02 Mar 2023	856	60	20e	10.7	88.62	3.4	33.87	7.7
F15	03 Mar 2023	1054	1	<2	13.4	83.21	9.0	33.28	8.2
F15	03 Mar 2023	1054	25	<2	13.2	86.19	8.3	33.35	8.1
F15	03 Mar 2023	1054	60	54	11.3	91.51	3.9	33.68	7.8
F15	03 Mar 2023	1054	80	86	10.7	89.60	3.4	33.88	7.7
F16	03 Mar 2023	1043	1	2e	13.5	80.72	9.0	33.28	8.2
F16	03 Mar 2023	1043	25	<2	13.2	88.24	8.1	33.37	8.1
F16	03 Mar 2023	1043	60	42	11.2	91.72	3.9	33.70	7.8
F16	03 Mar 2023	1043	80	68	10.6	89.59	3.3	33.90	7.7
F17	03 Mar 2023	1030	1	<2	13.5	84.55	8.9	33.27	8.2
F17	03 Mar 2023	1030	25	<2	13.2	88.36	8.0	33.38	8.1
F17	03 Mar 2023	1030	60	56	11.2	91.43	3.9	33.70	7.8
F17	03 Mar 2023	1030	80	82	10.6	89.64	3.2	33.92	7.7
F18	03 Mar 2023	1015	1	<2	13.5	84.27	8.8	33.25	8.2
F18	03 Mar 2023	1015	25	<2	13.2	88.63	7.9	33.38	8.1
F18	03 Mar 2023	1015	60	62	11.1	92.12	3.8	33.72	7.8
F18	03 Mar 2023	1015	80	10e	10.6	91.60	3.4	33.91	7.7
F19	03 Mar 2023	1000	1	<2	13.4	82.65	8.9	33.24	8.2
F19	03 Mar 2023	1000	25	<2	13.2	88.73	8.1	33.37	8.1
F19	03 Mar 2023	1000	60	40	11.2	92.20	3.9	33.72	7.8
F19	03 Mar 2023	1000	80	140e	10.6	90.98	3.3	33.94	7.7
F20	03 Mar 2023	947	1	<2	13.4	83.09	8.9	33.23	8.2
F20	03 Mar 2023	947	25	<2	12.9	89.57	7.4	33.41	8.1
F20	03 Mar 2023	947	60	28e	11.1	92.65	3.9	33.72	7.8
F20	03 Mar 2023	947	80	2e	10.6	89.75	3.3	33.94	7.7
F21	03 Mar 2023	933	1	<2	13.5	82.74	8.9	33.20	8.2
F21	03 Mar 2023	933	25	<2	12.8	89.72	7.0	33.44	8.0
F21	03 Mar 2023	933	60	36e	11.1	92.56	4.0	33.72	7.8
F21	03 Mar 2023	933	80	10e	10.8	92.39	3.4	33.82	7.7
F22	03 Mar 2023	920	1	<2	13.4	78.89	8.9	33.11	8.2
F22	03 Mar 2023	920	25	<2	12.8	87.92	7.1	33.43	8.1
F22	03 Mar 2023	920	60	10e	10.9	90.57	3.5	33.81	7.8
F22	03 Mar 2023	920	80	<2	10.4	91.59	3.1	34.00	7.7
F23	03 Mar 2023	904	1	<2	13.4	81.09	8.8	33.14	8.2
F23	03 Mar 2023	904	25	<2	13.1	89.18	7.9	33.38	8.1
F23	03 Mar 2023	904	60	2e	11.1	91.31	3.8	33.74	7.8
F23	03 Mar 2023	904	80	<2	10.3	91.62	3.0	34.02	7.7
F24	03 Mar 2023	851	1	<2	13.3	83.34	8.7	33.16	8.1
F24	03 Mar 2023	851	25	<2	13.1	89.21	7.8	33.37	8.1
F24	03 Mar 2023	851	60	6e	11.0	91.51	3.7	33.77	7.8
F24	03 Mar 2023	851	80	10e	10.4	90.48	3.1	33.96	7.7
F25	03 Mar 2023	836	1	<2	13.3	82.34	8.7	33.16	8.1
F25	03 Mar 2023	836	25	<2	13.1	89.46	7.8	33.37	8.1
F25	03 Mar 2023	836	60	14e	11.0	91.95	3.7	33.76	7.8
F25	03 Mar 2023	836	80	6e	10.4	91.19	3.1	33.96	7.7
F26	28 Feb 2023	1240	1	<2	13.9	85.57	8.3	33.36	8.1
F26	28 Feb 2023	1240	25	<2	13.7	88.96	8.2	33.37	8.1

Station	Date	Time	Depth	Entero	Temp	XMS	DO	Sal	pH
F26	28 Feb 2023	1240	60	<2	11.6	90.04	4.3	33.66	7.8
F26	28 Feb 2023	1240	80	<2	11.2	91.41	4.1	33.73	7.8
F26	28 Feb 2023	1240	98	<2	10.6	91.83	3.4	33.93	7.7
F27	28 Feb 2023	1220	1	<2	13.9	85.84	8.2	33.35	8.1
F27	28 Feb 2023	1220	25	<2	13.6	90.91	8.0	33.36	8.1
F27	28 Feb 2023	1220	60	<2	11.5	91.64	4.6	33.61	7.8
F27	28 Feb 2023	1220	80	<2	11.0	91.26	3.8	33.80	7.7
F27	28 Feb 2023	1220	98	<2	10.6	91.77	3.4	33.91	7.7
F28	28 Feb 2023	1209	1	<2	13.9	89.14	8.2	33.37	8.1
F28	28 Feb 2023	1209	25	<2	13.6	89.64	8.1	33.36	8.1
F28	28 Feb 2023	1209	60	<2	11.3	93.72	5.2	33.56	7.8
F28	28 Feb 2023	1209	80	<2	11.1	92.28	3.9	33.76	7.8
F28	28 Feb 2023	1209	98	<2	10.6	91.56	3.2	33.95	7.7
F29	28 Feb 2023	1150	1	<2	13.8	89.32	8.2	33.36	8.1
F29	28 Feb 2023	1150	25	<2	13.6	90.12	8.1	33.36	8.1
F29	28 Feb 2023	1150	60	<2	11.4	93.67	5.2	33.55	7.8
F29	28 Feb 2023	1150	80	<2	11.2	90.48	3.9	33.75	7.8
F29	28 Feb 2023	1150	98	<2	10.8	91.72	3.5	33.86	7.7
F30	28 Feb 2023	1134	1	<2	13.8	88.66	8.2	33.35	8.1
F30	28 Feb 2023	1134	25	<2	13.6	89.24	8.2	33.36	8.1
F30	28 Feb 2023	1134	60	16e	11.3	91.28	4.5	33.62	7.8
F30	28 Feb 2023	1134	80	52	11.2	89.16	4.0	33.70	7.7
F30	28 Feb 2023	1134	98	6e	10.7	91.41	3.4	33.91	7.7
F31	28 Feb 2023	1047	1	<2	13.7	89.15	8.2	33.35	8.1
F31	28 Feb 2023	1047	25	2e	13.5	89.26	8.1	33.35	8.1
F31	28 Feb 2023	1047	60	280e	11.3	89.45	4.3	33.61	7.8
F31	28 Feb 2023	1047	80	94	11.2	90.36	4.0	33.72	7.8
F31	28 Feb 2023	1047	98	8e	11.0	91.25	3.7	33.81	7.7
F32	28 Feb 2023	1031	1	<2	13.6	89.15	8.2	33.34	8.1
F32	28 Feb 2023	1031	25	<2	13.5	89.91	8.1	33.36	8.1
F32	28 Feb 2023	1031	60	260e	11.4	89.21	4.2	33.61	7.8
F32	28 Feb 2023	1031	80	34e	11.2	89.86	4.0	33.71	7.7
F32	28 Feb 2023	1031	98	20e	11.0	90.24	3.6	33.81	7.7
F33	28 Feb 2023	1010	1	<2	13.6	89.12	8.2	33.35	8.1
F33	28 Feb 2023	1010	25	<2	13.5	91.00	8.0	33.35	8.1
F33	28 Feb 2023	1010	60	180e	11.4	90.21	4.2	33.65	7.8
F33	28 Feb 2023	1010	80	16e	11.3	89.59	4.0	33.71	7.8
F33	28 Feb 2023	1010	98	16e	10.9	90.85	3.6	33.83	7.7
F34	28 Feb 2023	956	1	<2	13.6	89.11	8.2	33.36	8.1
F34	28 Feb 2023	956	25	<2	13.5	90.64	7.8	33.36	8.1
F34	28 Feb 2023	956	60	28e	11.4	91.95	4.5	33.62	7.8
F34	28 Feb 2023	956	80	22e	11.2	90.54	4.0	33.73	7.8
F34	28 Feb 2023	956	98	24e	11.0	90.53	3.7	33.78	7.7
F35	28 Feb 2023	927	1	<2	13.6	87.44	8.3	33.35	8.1
F35	28 Feb 2023	927	25	<2	13.5	89.20	8.2	33.36	8.1
F35	28 Feb 2023	927	60	<2	11.4	93.18	4.8	33.59	7.8
F35	28 Feb 2023	927	80	4e	11.1	91.11	3.9	33.76	7.7
F35	28 Feb 2023	927	98	16e	10.9	91.83	3.7	33.81	7.7
F36	28 Feb 2023	901	1	<2	13.5	78.10	8.1	33.37	8.1
F36	28 Feb 2023	901	25	<2	13.5	90.57	8.1	33.37	8.1
F36	28 Feb 2023	901	60	<2	11.4	92.99	4.7	33.62	7.8

Station	Date	Time	Depth	Entero	Temp	XMS	DO	Sal	pH
F36	28 Feb 2023	901	80	<2	10.9	93.82	4.1	33.77	7.8
F36	28 Feb 2023	901	98	2e	10.9	91.78	3.6	33.84	7.7

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	02 Mar 2023	Depth (m)	20
F01	02 Mar 2023	Arrive Time	1143
F01	02 Mar 2023	Depart Time	1145
F01	02 Mar 2023	Air Temp (C)	12.1
F01	02 Mar 2023	Weather	Haze
F01	02 Mar 2023	Visibility (mi)	10
F01	02 Mar 2023	Wind Speed (kts)	3.9
F01	02 Mar 2023	Wind Dir	S
F01	02 Mar 2023	Water Color	Green
F01	02 Mar 2023	Wave Ht Low (ft)	6
F01	02 Mar 2023	Wave Period (sec)	10
F01	02 Mar 2023	Sea State	Confused Swell
F01	02 Mar 2023	High Tide (ft)	4.68
F01	02 Mar 2023	High Tide Time	548
F01	02 Mar 2023	Low Tide (ft)	-0.36
F01	02 Mar 2023	Low Tide Time	1312
F01	02 Mar 2023	Comments	none
F02	02 Mar 2023	Depth (m)	21
F02	02 Mar 2023	Arrive Time	824
F02	02 Mar 2023	Depart Time	827
F02	02 Mar 2023	Air Temp (C)	9.6
F02	02 Mar 2023	Weather	Haze
F02	02 Mar 2023	Visibility (mi)	10
F02	02 Mar 2023	Wind Speed (kts)	6.8
F02	02 Mar 2023	Wind Dir	E
F02	02 Mar 2023	Water Color	Green
F02	02 Mar 2023	Wave Ht Low (ft)	6
F02	02 Mar 2023	Wave Period (sec)	10
F02	02 Mar 2023	Sea State	Confused Swell
F02	02 Mar 2023	High Tide (ft)	4.68
F02	02 Mar 2023	High Tide Time	548
F02	02 Mar 2023	Low Tide (ft)	-0.36
F02	02 Mar 2023	Low Tide Time	1312
F02	02 Mar 2023	Comments	none
F03	02 Mar 2023	Depth (m)	21
F03	02 Mar 2023	Arrive Time	838
F03	02 Mar 2023	Depart Time	840
F03	02 Mar 2023	Air Temp (C)	9.6
F03	02 Mar 2023	Weather	Haze
F03	02 Mar 2023	Visibility (mi)	10
F03	02 Mar 2023	Wind Speed (kts)	3.6
F03	02 Mar 2023	Wind Dir	E
F03	02 Mar 2023	Water Color	Green
F03	02 Mar 2023	Wave Ht Low (ft)	6
F03	02 Mar 2023	Wave Period (sec)	10
F03	02 Mar 2023	Sea State	Confused Swell
F03	02 Mar 2023	High Tide (ft)	4.68
F03	02 Mar 2023	High Tide Time	548
F03	02 Mar 2023	Low Tide (ft)	-0.36
F03	02 Mar 2023	Low Tide Time	1312
F03	02 Mar 2023	Comments	none
F04	02 Mar 2023	Depth (m)	62
F04	02 Mar 2023	Arrive Time	1117

Station	Date	Parameter	Value
F04	02 Mar 2023	Depart Time	1120
F04	02 Mar 2023	Air Temp (C)	12
F04	02 Mar 2023	Weather	Haze
F04	02 Mar 2023	Visibility (mi)	10
F04	02 Mar 2023	Wind Speed (kts)	7.3
F04	02 Mar 2023	Wind Dir	S
F04	02 Mar 2023	Water Color	Greenish-Blue
F04	02 Mar 2023	Wave Ht Low (ft)	6
F04	02 Mar 2023	Wave Period (sec)	10
F04	02 Mar 2023	Sea State	Confused Swell
F04	02 Mar 2023	High Tide (ft)	4.68
F04	02 Mar 2023	High Tide Time	548
F04	02 Mar 2023	Low Tide (ft)	-0.36
F04	02 Mar 2023	Low Tide Time	1312
F04	02 Mar 2023	Comments	none
F05	02 Mar 2023	Depth (m)	61
F05	02 Mar 2023	Arrive Time	1105
F05	02 Mar 2023	Depart Time	1108
F05	02 Mar 2023	Air Temp (C)	12
F05	02 Mar 2023	Weather	Haze
F05	02 Mar 2023	Visibility (mi)	10
F05	02 Mar 2023	Wind Speed (kts)	5
F05	02 Mar 2023	Wind Dir	SE
F05	02 Mar 2023	Water Color	Greenish-Blue
F05	02 Mar 2023	Wave Ht Low (ft)	6
F05	02 Mar 2023	Wave Period (sec)	10
F05	02 Mar 2023	Sea State	Confused Swell
F05	02 Mar 2023	High Tide (ft)	4.68
F05	02 Mar 2023	High Tide Time	548
F05	02 Mar 2023	Low Tide (ft)	-0.36
F05	02 Mar 2023	Low Tide Time	1312
F05	02 Mar 2023	Comments	none
F06	02 Mar 2023	Depth (m)	62
F06	02 Mar 2023	Arrive Time	1051
F06	02 Mar 2023	Depart Time	1054
F06	02 Mar 2023	Air Temp (C)	12.1
F06	02 Mar 2023	Weather	Haze
F06	02 Mar 2023	Visibility (mi)	10
F06	02 Mar 2023	Wind Speed (kts)	2.5
F06	02 Mar 2023	Wind Dir	SE
F06	02 Mar 2023	Water Color	Greenish-Blue
F06	02 Mar 2023	Wave Ht Low (ft)	6
F06	02 Mar 2023	Wave Period (sec)	10
F06	02 Mar 2023	Sea State	Confused Swell
F06	02 Mar 2023	High Tide (ft)	4.68
F06	02 Mar 2023	High Tide Time	548
F06	02 Mar 2023	Low Tide (ft)	-0.36
F06	02 Mar 2023	Low Tide Time	1312
F06	02 Mar 2023	Comments	none
F07	02 Mar 2023	Depth (m)	65
F07	02 Mar 2023	Arrive Time	1038
F07	02 Mar 2023	Depart Time	1041
F07	02 Mar 2023	Air Temp (C)	12
F07	02 Mar 2023	Weather	Haze
F07	02 Mar 2023	Visibility (mi)	10
F07	02 Mar 2023	Wind Speed (kts)	4.3
F07	02 Mar 2023	Wind Dir	SE
F07	02 Mar 2023	Water Color	Greenish-Blue

Station	Date	Parameter	Value
F07	02 Mar 2023	Wave Ht Low (ft)	6
F07	02 Mar 2023	Wave Period (sec)	10
F07	02 Mar 2023	Sea State	Confused Swell
F07	02 Mar 2023	High Tide (ft)	4.68
F07	02 Mar 2023	High Tide Time	548
F07	02 Mar 2023	Low Tide (ft)	-0.36
F07	02 Mar 2023	Low Tide Time	1312
F07	02 Mar 2023	Comments	none
F08	02 Mar 2023	Depth (m)	61
F08	02 Mar 2023	Arrive Time	1025
F08	02 Mar 2023	Depart Time	1027
F08	02 Mar 2023	Air Temp (C)	11.6
F08	02 Mar 2023	Weather	Haze
F08	02 Mar 2023	Visibility (mi)	10
F08	02 Mar 2023	Wind Speed (kts)	5.2
F08	02 Mar 2023	Wind Dir	SE
F08	02 Mar 2023	Water Color	Greenish-Blue
F08	02 Mar 2023	Wave Ht Low (ft)	6
F08	02 Mar 2023	Wave Period (sec)	10
F08	02 Mar 2023	Sea State	Confused Swell
F08	02 Mar 2023	High Tide (ft)	4.68
F08	02 Mar 2023	High Tide Time	548
F08	02 Mar 2023	Low Tide (ft)	-0.36
F08	02 Mar 2023	Low Tide Time	1312
F08	02 Mar 2023	Comments	none
F09	02 Mar 2023	Depth (m)	62
F09	02 Mar 2023	Arrive Time	1013
F09	02 Mar 2023	Depart Time	1016
F09	02 Mar 2023	Air Temp (C)	11.4
F09	02 Mar 2023	Weather	Haze
F09	02 Mar 2023	Visibility (mi)	10
F09	02 Mar 2023	Wind Speed (kts)	5.7
F09	02 Mar 2023	Wind Dir	SE
F09	02 Mar 2023	Water Color	Greenish-Blue
F09	02 Mar 2023	Wave Ht Low (ft)	6
F09	02 Mar 2023	Wave Period (sec)	10
F09	02 Mar 2023	Sea State	Confused Swell
F09	02 Mar 2023	High Tide (ft)	4.68
F09	02 Mar 2023	High Tide Time	548
F09	02 Mar 2023	Low Tide (ft)	-0.36
F09	02 Mar 2023	Low Tide Time	1312
F09	02 Mar 2023	Comments	none
F10	02 Mar 2023	Depth (m)	62
F10	02 Mar 2023	Arrive Time	959
F10	02 Mar 2023	Depart Time	1002
F10	02 Mar 2023	Air Temp (C)	11.6
F10	02 Mar 2023	Weather	Haze
F10	02 Mar 2023	Visibility (mi)	10
F10	02 Mar 2023	Wind Speed (kts)	5.6
F10	02 Mar 2023	Wind Dir	SE
F10	02 Mar 2023	Water Color	Greenish-Blue
F10	02 Mar 2023	Wave Ht Low (ft)	6
F10	02 Mar 2023	Wave Period (sec)	10
F10	02 Mar 2023	Sea State	Confused Swell
F10	02 Mar 2023	High Tide (ft)	4.68
F10	02 Mar 2023	High Tide Time	548
F10	02 Mar 2023	Low Tide (ft)	-0.36
F10	02 Mar 2023	Low Tide Time	1312

Station	Date	Parameter	Value
F10	02 Mar 2023	Comments	none
F11	02 Mar 2023	Depth (m)	61
F11	02 Mar 2023	Arrive Time	942
F11	02 Mar 2023	Depart Time	945
F11	02 Mar 2023	Air Temp (C)	11.4
F11	02 Mar 2023	Weather	Haze
F11	02 Mar 2023	Visibility (mi)	10
F11	02 Mar 2023	Wind Speed (kts)	6.5
F11	02 Mar 2023	Wind Dir	E
F11	02 Mar 2023	Water Color	Greenish-Blue
F11	02 Mar 2023	Wave Ht Low (ft)	6
F11	02 Mar 2023	Wave Period (sec)	10
F11	02 Mar 2023	Sea State	Confused Swell
F11	02 Mar 2023	High Tide (ft)	4.68
F11	02 Mar 2023	High Tide Time	548
F11	02 Mar 2023	Low Tide (ft)	-0.36
F11	02 Mar 2023	Low Tide Time	1312
F11	02 Mar 2023	Comments	none
F12	02 Mar 2023	Depth (m)	62
F12	02 Mar 2023	Arrive Time	928
F12	02 Mar 2023	Depart Time	931
F12	02 Mar 2023	Air Temp (C)	11.3
F12	02 Mar 2023	Weather	Haze
F12	02 Mar 2023	Visibility (mi)	10
F12	02 Mar 2023	Wind Speed (kts)	7
F12	02 Mar 2023	Wind Dir	SE
F12	02 Mar 2023	Water Color	Greenish-Blue
F12	02 Mar 2023	Wave Ht Low (ft)	6
F12	02 Mar 2023	Wave Period (sec)	10
F12	02 Mar 2023	Sea State	Confused Swell
F12	02 Mar 2023	High Tide (ft)	4.68
F12	02 Mar 2023	High Tide Time	548
F12	02 Mar 2023	Low Tide (ft)	-0.36
F12	02 Mar 2023	Low Tide Time	1312
F12	02 Mar 2023	Comments	none
F13	02 Mar 2023	Depth (m)	62
F13	02 Mar 2023	Arrive Time	910
F13	02 Mar 2023	Depart Time	916
F13	02 Mar 2023	Air Temp (C)	10.8
F13	02 Mar 2023	Weather	Haze
F13	02 Mar 2023	Visibility (mi)	10
F13	02 Mar 2023	Wind Speed (kts)	7
F13	02 Mar 2023	Wind Dir	SE
F13	02 Mar 2023	Water Color	Greenish-Blue
F13	02 Mar 2023	Wave Ht Low (ft)	6
F13	02 Mar 2023	Wave Period (sec)	10
F13	02 Mar 2023	Sea State	Confused Swell
F13	02 Mar 2023	High Tide (ft)	4.68
F13	02 Mar 2023	High Tide Time	548
F13	02 Mar 2023	Low Tide (ft)	-0.36
F13	02 Mar 2023	Low Tide Time	1312
F13	02 Mar 2023	Comments	OA 1m Btl# 2302156419 Nsk# 6;OA 60m Btl# 2302156420 Nsk# 5;
F14	02 Mar 2023	Depth (m)	60
F14	02 Mar 2023	Arrive Time	857
F14	02 Mar 2023	Depart Time	859
F14	02 Mar 2023	Air Temp (C)	10.6

Station	Date	Parameter	Value
F14	02 Mar 2023	Weather	Haze
F14	02 Mar 2023	Visibility (mi)	10
F14	02 Mar 2023	Wind Speed (kts)	3.9
F14	02 Mar 2023	Wind Dir	E
F14	02 Mar 2023	Water Color	Green
F14	02 Mar 2023	Wave Ht Low (ft)	6
F14	02 Mar 2023	Wave Period (sec)	10
F14	02 Mar 2023	Sea State	Confused Swell
F14	02 Mar 2023	High Tide (ft)	4.68
F14	02 Mar 2023	High Tide Time	548
F14	02 Mar 2023	Low Tide (ft)	-0.36
F14	02 Mar 2023	Low Tide Time	1312
F14	02 Mar 2023	Comments	none
F15	03 Mar 2023	Depth (m)	81
F15	03 Mar 2023	Arrive Time	1054
F15	03 Mar 2023	Depart Time	1100
F15	03 Mar 2023	Air Temp (C)	11.6
F15	03 Mar 2023	Weather	Clear
F15	03 Mar 2023	Visibility (mi)	12
F15	03 Mar 2023	Wind Speed (kts)	0
F15	03 Mar 2023	Wind Dir	S
F15	03 Mar 2023	Water Color	Green
F15	03 Mar 2023	Wave Ht Low (ft)	4
F15	03 Mar 2023	Wave Period (sec)	11
F15	03 Mar 2023	Sea State	Calm
F15	03 Mar 2023	High Tide (ft)	4.95
F15	03 Mar 2023	High Tide Time	624
F15	03 Mar 2023	Low Tide (ft)	-0.51
F15	03 Mar 2023	Low Tide Time	1342
F15	03 Mar 2023	Comments	OA 1m Btl# 2302166421 Nsk# 6;OA 80m Btl# 2302166422 Nsk# 5;
F16	03 Mar 2023	Depth (m)	81
F16	03 Mar 2023	Arrive Time	1043
F16	03 Mar 2023	Depart Time	1048
F16	03 Mar 2023	Air Temp (C)	11.6
F16	03 Mar 2023	Weather	Clear
F16	03 Mar 2023	Visibility (mi)	12
F16	03 Mar 2023	Wind Speed (kts)	0
F16	03 Mar 2023	Wind Dir	NE
F16	03 Mar 2023	Water Color	Green
F16	03 Mar 2023	Wave Ht Low (ft)	4
F16	03 Mar 2023	Wave Period (sec)	11
F16	03 Mar 2023	Sea State	Calm
F16	03 Mar 2023	High Tide (ft)	4.95
F16	03 Mar 2023	High Tide Time	624
F16	03 Mar 2023	Low Tide (ft)	-0.51
F16	03 Mar 2023	Low Tide Time	1342
F16	03 Mar 2023	Comments	none
F17	03 Mar 2023	Depth (m)	82
F17	03 Mar 2023	Arrive Time	1030
F17	03 Mar 2023	Depart Time	1035
F17	03 Mar 2023	Air Temp (C)	11.6
F17	03 Mar 2023	Weather	Clear
F17	03 Mar 2023	Visibility (mi)	12
F17	03 Mar 2023	Wind Speed (kts)	1.1
F17	03 Mar 2023	Wind Dir	E
F17	03 Mar 2023	Water Color	Green
F17	03 Mar 2023	Wave Ht Low (ft)	4

Station	Date	Parameter	Value
F17	03 Mar 2023	Wave Period (sec)	11
F17	03 Mar 2023	Sea State	Calm
F17	03 Mar 2023	High Tide (ft)	4.95
F17	03 Mar 2023	High Tide Time	624
F17	03 Mar 2023	Low Tide (ft)	-0.51
F17	03 Mar 2023	Low Tide Time	1342
F17	03 Mar 2023	Comments	none
F18	03 Mar 2023	Depth (m)	82
F18	03 Mar 2023	Arrive Time	1015
F18	03 Mar 2023	Depart Time	1023
F18	03 Mar 2023	Air Temp (C)	11.3
F18	03 Mar 2023	Weather	Clear
F18	03 Mar 2023	Visibility (mi)	12
F18	03 Mar 2023	Wind Speed (kts)	3
F18	03 Mar 2023	Wind Dir	SE
F18	03 Mar 2023	Water Color	Green
F18	03 Mar 2023	Wave Ht Low (ft)	4
F18	03 Mar 2023	Wave Period (sec)	11
F18	03 Mar 2023	Sea State	Calm
F18	03 Mar 2023	High Tide (ft)	4.95
F18	03 Mar 2023	High Tide Time	624
F18	03 Mar 2023	Low Tide (ft)	-0.51
F18	03 Mar 2023	Low Tide Time	1342
F18	03 Mar 2023	Comments	none
F19	03 Mar 2023	Depth (m)	84
F19	03 Mar 2023	Arrive Time	1000
F19	03 Mar 2023	Depart Time	1006
F19	03 Mar 2023	Air Temp (C)	11
F19	03 Mar 2023	Weather	Clear
F19	03 Mar 2023	Visibility (mi)	12
F19	03 Mar 2023	Wind Speed (kts)	3.8
F19	03 Mar 2023	Wind Dir	SE
F19	03 Mar 2023	Water Color	Green
F19	03 Mar 2023	Wave Ht Low (ft)	4
F19	03 Mar 2023	Wave Period (sec)	11
F19	03 Mar 2023	Sea State	Calm
F19	03 Mar 2023	High Tide (ft)	4.95
F19	03 Mar 2023	High Tide Time	624
F19	03 Mar 2023	Low Tide (ft)	-0.51
F19	03 Mar 2023	Low Tide Time	1342
F19	03 Mar 2023	Comments	none
F20	03 Mar 2023	Depth (m)	84
F20	03 Mar 2023	Arrive Time	947
F20	03 Mar 2023	Depart Time	952
F20	03 Mar 2023	Air Temp (C)	10.9
F20	03 Mar 2023	Weather	Clear
F20	03 Mar 2023	Visibility (mi)	12
F20	03 Mar 2023	Wind Speed (kts)	4.2
F20	03 Mar 2023	Wind Dir	S
F20	03 Mar 2023	Water Color	Green
F20	03 Mar 2023	Wave Ht Low (ft)	4
F20	03 Mar 2023	Wave Period (sec)	11
F20	03 Mar 2023	Sea State	Calm
F20	03 Mar 2023	High Tide (ft)	4.95
F20	03 Mar 2023	High Tide Time	624
F20	03 Mar 2023	Low Tide (ft)	-0.51
F20	03 Mar 2023	Low Tide Time	1342
F20	03 Mar 2023	Comments	none

Station	Date	Parameter	Value
F21	03 Mar 2023	Depth (m)	84
F21	03 Mar 2023	Arrive Time	933
F21	03 Mar 2023	Depart Time	938
F21	03 Mar 2023	Air Temp (C)	11
F21	03 Mar 2023	Weather	Clear
F21	03 Mar 2023	Visibility (mi)	12
F21	03 Mar 2023	Wind Speed (kts)	3.5
F21	03 Mar 2023	Wind Dir	SE
F21	03 Mar 2023	Water Color	Green
F21	03 Mar 2023	Wave Ht Low (ft)	4
F21	03 Mar 2023	Wave Period (sec)	11
F21	03 Mar 2023	Sea State	Calm
F21	03 Mar 2023	High Tide (ft)	4.95
F21	03 Mar 2023	High Tide Time	624
F21	03 Mar 2023	Low Tide (ft)	-0.51
F21	03 Mar 2023	Low Tide Time	1342
F21	03 Mar 2023	Comments	none
F22	03 Mar 2023	Depth (m)	81
F22	03 Mar 2023	Arrive Time	920
F22	03 Mar 2023	Depart Time	925
F22	03 Mar 2023	Air Temp (C)	11.3
F22	03 Mar 2023	Weather	Clear
F22	03 Mar 2023	Visibility (mi)	12
F22	03 Mar 2023	Wind Speed (kts)	1.4
F22	03 Mar 2023	Wind Dir	SE
F22	03 Mar 2023	Water Color	Green
F22	03 Mar 2023	Wave Ht Low (ft)	4
F22	03 Mar 2023	Wave Period (sec)	11
F22	03 Mar 2023	Sea State	Calm
F22	03 Mar 2023	High Tide (ft)	4.95
F22	03 Mar 2023	High Tide Time	624
F22	03 Mar 2023	Low Tide (ft)	-0.51
F22	03 Mar 2023	Low Tide Time	1342
F22	03 Mar 2023	Comments	none
F24	03 Mar 2023	Depth (m)	83
F24	03 Mar 2023	Arrive Time	851
F24	03 Mar 2023	Depart Time	856
F24	03 Mar 2023	Air Temp (C)	11
F24	03 Mar 2023	Weather	Clear
F24	03 Mar 2023	Visibility (mi)	12
F24	03 Mar 2023	Wind Speed (kts)	4.3
F24	03 Mar 2023	Wind Dir	SE
F24	03 Mar 2023	Water Color	Green
F24	03 Mar 2023	Wave Ht Low (ft)	4
F24	03 Mar 2023	Wave Period (sec)	11
F24	03 Mar 2023	Sea State	Calm
F24	03 Mar 2023	High Tide (ft)	4.95
F24	03 Mar 2023	High Tide Time	624
F24	03 Mar 2023	Low Tide (ft)	-0.51
F24	03 Mar 2023	Low Tide Time	1342
F24	03 Mar 2023	Comments	none
F25	03 Mar 2023	Depth (m)	81
F25	03 Mar 2023	Arrive Time	836
F25	03 Mar 2023	Depart Time	842
F25	03 Mar 2023	Air Temp (C)	10.6
F25	03 Mar 2023	Weather	Clear
F25	03 Mar 2023	Visibility (mi)	12

Station	Date	Parameter	Value
F25	03 Mar 2023	Wind Speed (kts)	5.4
F25	03 Mar 2023	Wind Dir	SE
F25	03 Mar 2023	Water Color	Green
F25	03 Mar 2023	Wave Ht Low (ft)	4
F25	03 Mar 2023	Wave Period (sec)	11
F25	03 Mar 2023	Sea State	Calm
F25	03 Mar 2023	High Tide (ft)	4.95
F25	03 Mar 2023	High Tide Time	624
F25	03 Mar 2023	Low Tide (ft)	-0.51
F25	03 Mar 2023	Low Tide Time	1342
F25	03 Mar 2023	Comments	none
F26	28 Feb 2023	Depth (m)	99
F26	28 Feb 2023	Arrive Time	1240
F26	28 Feb 2023	Depart Time	1245
F26	28 Feb 2023	Air Temp (C)	12.5
F26	28 Feb 2023	Weather	Partly Cloudy
F26	28 Feb 2023	Visibility (mi)	9
F26	28 Feb 2023	Wind Speed (kts)	7.9
F26	28 Feb 2023	Wind Dir	W
F26	28 Feb 2023	Water Color	Blueish-Green
F26	28 Feb 2023	Wave Ht Low (ft)	3.9
F26	28 Feb 2023	Wave Period (sec)	12
F26	28 Feb 2023	Sea State	Heavy Chop
F26	28 Feb 2023	High Tide (ft)	4.29
F26	28 Feb 2023	High Tide Time	330
F26	28 Feb 2023	Low Tide (ft)	0.2
F26	28 Feb 2023	Low Tide Time	1142
F26	28 Feb 2023	Comments	Navy ops with ship and parachutes on same station
F27	28 Feb 2023	Depth (m)	99
F27	28 Feb 2023	Arrive Time	1220
F27	28 Feb 2023	Depart Time	1226
F27	28 Feb 2023	Air Temp (C)	12.8
F27	28 Feb 2023	Weather	Partly Cloudy
F27	28 Feb 2023	Visibility (mi)	9
F27	28 Feb 2023	Wind Speed (kts)	8.9
F27	28 Feb 2023	Wind Dir	NW
F27	28 Feb 2023	Water Color	Blueish-Green
F27	28 Feb 2023	Wave Ht Low (ft)	3.9
F27	28 Feb 2023	Wave Period (sec)	12
F27	28 Feb 2023	Sea State	Heavy Chop
F27	28 Feb 2023	High Tide (ft)	4.29
F27	28 Feb 2023	High Tide Time	330
F27	28 Feb 2023	Low Tide (ft)	0.2
F27	28 Feb 2023	Low Tide Time	1142
F27	28 Feb 2023	Comments	none
F28	28 Feb 2023	Depth (m)	99
F28	28 Feb 2023	Arrive Time	1209
F28	28 Feb 2023	Depart Time	1217
F28	28 Feb 2023	Air Temp (C)	12.8
F28	28 Feb 2023	Weather	Partly Cloudy
F28	28 Feb 2023	Visibility (mi)	9
F28	28 Feb 2023	Wind Speed (kts)	10.4
F28	28 Feb 2023	Wind Dir	NW
F28	28 Feb 2023	Water Color	Blueish-Green
F28	28 Feb 2023	Wave Ht Low (ft)	3.9
F28	28 Feb 2023	Wave Period (sec)	12
F28	28 Feb 2023	Sea State	Heavy Chop
F28	28 Feb 2023	High Tide (ft)	4.29

Station	Date	Parameter	Value
F28	28 Feb 2023	High Tide Time	330
F28	28 Feb 2023	Low Tide (ft)	0.2
F28	28 Feb 2023	Low Tide Time	1142
F28	28 Feb 2023	Comments	none
F29	28 Feb 2023	Depth (m)	100
F29	28 Feb 2023	Arrive Time	1150
F29	28 Feb 2023	Depart Time	1200
F29	28 Feb 2023	Air Temp (C)	12.8
F29	28 Feb 2023	Weather	Partly Cloudy
F29	28 Feb 2023	Visibility (mi)	9
F29	28 Feb 2023	Wind Speed (kts)	6.6
F29	28 Feb 2023	Wind Dir	NW
F29	28 Feb 2023	Water Color	Blueish-Green
F29	28 Feb 2023	Wave Ht Low (ft)	3.9
F29	28 Feb 2023	Wave Period (sec)	12
F29	28 Feb 2023	Sea State	Heavy Chop
F29	28 Feb 2023	High Tide (ft)	4.29
F29	28 Feb 2023	High Tide Time	330
F29	28 Feb 2023	Low Tide (ft)	0.2
F29	28 Feb 2023	Low Tide Time	1142
F29	28 Feb 2023	Comments	none
F30	28 Feb 2023	Depth (m)	99
F30	28 Feb 2023	Arrive Time	1134
F30	28 Feb 2023	Depart Time	1141
F30	28 Feb 2023	Air Temp (C)	12.7
F30	28 Feb 2023	Weather	Partly Cloudy
F30	28 Feb 2023	Visibility (mi)	9
F30	28 Feb 2023	Wind Speed (kts)	7.1
F30	28 Feb 2023	Wind Dir	NW
F30	28 Feb 2023	Water Color	Blueish-Green
F30	28 Feb 2023	Wave Ht Low (ft)	3.9
F30	28 Feb 2023	Wave Period (sec)	12
F30	28 Feb 2023	Sea State	Heavy Chop
F30	28 Feb 2023	High Tide (ft)	4.29
F30	28 Feb 2023	High Tide Time	330
F30	28 Feb 2023	Low Tide (ft)	0.2
F30	28 Feb 2023	Low Tide Time	1142
F30	28 Feb 2023	Comments	none
F31	28 Feb 2023	Depth (m)	99
F31	28 Feb 2023	Arrive Time	1047
F31	28 Feb 2023	Depart Time	1050
F31	28 Feb 2023	Air Temp (C)	12.6
F31	28 Feb 2023	Weather	Partly Cloudy
F31	28 Feb 2023	Visibility (mi)	9
F31	28 Feb 2023	Wind Speed (kts)	9.2
F31	28 Feb 2023	Wind Dir	NW
F31	28 Feb 2023	Water Color	Blueish-Green
F31	28 Feb 2023	Wave Ht Low (ft)	3.9
F31	28 Feb 2023	Wave Period (sec)	12
F31	28 Feb 2023	Sea State	Heavy Chop
F31	28 Feb 2023	High Tide (ft)	4.29
F31	28 Feb 2023	High Tide Time	330
F31	28 Feb 2023	Low Tide (ft)	0.2
F31	28 Feb 2023	Low Tide Time	1142
F31	28 Feb 2023	Comments	none
F32	28 Feb 2023	Depth (m)	100
F32	28 Feb 2023	Arrive Time	1031

Station	Date	Parameter	Value
F32	28 Feb 2023	Depart Time	1035
F32	28 Feb 2023	Air Temp (C)	12.5
F32	28 Feb 2023	Weather	Partly Cloudy
F32	28 Feb 2023	Visibility (mi)	9
F32	28 Feb 2023	Wind Speed (kts)	5.5
F32	28 Feb 2023	Wind Dir	NW
F32	28 Feb 2023	Water Color	Blueish-Green
F32	28 Feb 2023	Wave Ht Low (ft)	3.9
F32	28 Feb 2023	Wave Period (sec)	12
F32	28 Feb 2023	Sea State	Heavy Chop
F32	28 Feb 2023	High Tide (ft)	4.29
F32	28 Feb 2023	High Tide Time	330
F32	28 Feb 2023	Low Tide (ft)	0.2
F32	28 Feb 2023	Low Tide Time	1142
F32	28 Feb 2023	Comments	none
F33	28 Feb 2023	Depth (m)	99
F33	28 Feb 2023	Arrive Time	1010
F33	28 Feb 2023	Depart Time	1017
F33	28 Feb 2023	Air Temp (C)	12.4
F33	28 Feb 2023	Weather	Partly Cloudy
F33	28 Feb 2023	Visibility (mi)	9
F33	28 Feb 2023	Wind Speed (kts)	8.2
F33	28 Feb 2023	Wind Dir	NW
F33	28 Feb 2023	Water Color	Blueish-Green
F33	28 Feb 2023	Wave Ht Low (ft)	3.9
F33	28 Feb 2023	Wave Period (sec)	12
F33	28 Feb 2023	Sea State	Heavy Chop
F33	28 Feb 2023	High Tide (ft)	4.29
F33	28 Feb 2023	High Tide Time	330
F33	28 Feb 2023	Low Tide (ft)	0.2
F33	28 Feb 2023	Low Tide Time	1142
F33	28 Feb 2023	Comments	none
F34	28 Feb 2023	Depth (m)	101
F34	28 Feb 2023	Arrive Time	956
F34	28 Feb 2023	Depart Time	1000
F34	28 Feb 2023	Air Temp (C)	12.4
F34	28 Feb 2023	Weather	Partly Cloudy
F34	28 Feb 2023	Visibility (mi)	9
F34	28 Feb 2023	Wind Speed (kts)	9.5
F34	28 Feb 2023	Wind Dir	NW
F34	28 Feb 2023	Water Color	Blueish-Green
F34	28 Feb 2023	Wave Ht Low (ft)	3.9
F34	28 Feb 2023	Wave Period (sec)	12
F34	28 Feb 2023	Sea State	Heavy Chop
F34	28 Feb 2023	High Tide (ft)	4.29
F34	28 Feb 2023	High Tide Time	330
F34	28 Feb 2023	Low Tide (ft)	0.2
F34	28 Feb 2023	Low Tide Time	1142
F34	28 Feb 2023	Comments	none
F35	28 Feb 2023	Depth (m)	99
F35	28 Feb 2023	Arrive Time	927
F35	28 Feb 2023	Depart Time	948
F35	28 Feb 2023	Air Temp (C)	12.6
F35	28 Feb 2023	Weather	Partly Cloudy
F35	28 Feb 2023	Visibility (mi)	9
F35	28 Feb 2023	Wind Speed (kts)	7.8
F35	28 Feb 2023	Wind Dir	W
F35	28 Feb 2023	Water Color	Blueish-Green

Station	Date	Parameter	Value
F35	28 Feb 2023	Wave Ht Low (ft)	3.9
F35	28 Feb 2023	Wave Period (sec)	12
F35	28 Feb 2023	Sea State	Heavy Chop
F35	28 Feb 2023	High Tide (ft)	4.29
F35	28 Feb 2023	High Tide Time	330
F35	28 Feb 2023	Low Tide (ft)	0.2
F35	28 Feb 2023	Low Tide Time	1142
F35	28 Feb 2023	Comments	1st cast for bact; 2nd cast for OA samples plus 25m bact for misfire OA 1m Btl# 2302146411 Nsk# 5;OA 50m Btl# 2302146412 Nsk# 3;OA 100m Btl# 2302146413 Nsk# 1;OA 100m-dup Btl# 2302146414 Nsk# 2;
F36	28 Feb 2023	Depth (m)	101
F36	28 Feb 2023	Arrive Time	901
F36	28 Feb 2023	Depart Time	914
F36	28 Feb 2023	Air Temp (C)	12.4
F36	28 Feb 2023	Weather	Partly Cloudy
F36	28 Feb 2023	Visibility (mi)	9
F36	28 Feb 2023	Wind Speed (kts)	11.5
F36	28 Feb 2023	Wind Dir	NW
F36	28 Feb 2023	Water Color	Blueish-Green
F36	28 Feb 2023	Wave Ht Low (ft)	3.9
F36	28 Feb 2023	Wave Period (sec)	12
F36	28 Feb 2023	Sea State	Heavy Chop
F36	28 Feb 2023	High Tide (ft)	4.29
F36	28 Feb 2023	High Tide Time	330
F36	28 Feb 2023	Low Tide (ft)	0.2
F36	28 Feb 2023	Low Tide Time	1142
F36	28 Feb 2023	Comments	Use 2nd cast; boat drift

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 (μ g/L)
F01	02 Mar 2023	1	13.55	55.77	8.4	33.13	8.1	24.8	0.91
F01	02 Mar 2023	2	13.51	54.39	8.4	33.15	8.1	24.9	0.96
F01	02 Mar 2023	3	13.33	65.22	8.5	33.17	8.1	24.9	1.36
F01	02 Mar 2023	4	13.26	66.55	8.5	33.17	8.1	24.9	1.93
F01	02 Mar 2023	5	13.23	65.29	8.5	33.17	8.1	24.9	2.47
F01	02 Mar 2023	6	13.22	64.70	8.5	33.18	8.1	24.9	2.80
F01	02 Mar 2023	7	13.18	64.50	8.5	33.20	8.1	25.0	2.96
F01	02 Mar 2023	8	13.17	63.86	8.5	33.21	8.1	25.0	3.14
F01	02 Mar 2023	9	13.15	65.65	8.4	33.28	8.1	25.0	3.44
F01	02 Mar 2023	10	13.16	67.65	8.4	33.30	8.1	25.0	3.56
F01	02 Mar 2023	11	13.14	70.41	8.3	33.30	8.1	25.0	3.29
F01	02 Mar 2023	12	13.17	71.74	8.1	33.31	8.1	25.1	3.34
F01	02 Mar 2023	13	13.05	69.70	7.9	33.34	8.1	25.1	3.33
F01	02 Mar 2023	14	13.00	70.05	7.4	33.35	8.1	25.1	3.00
F01	02 Mar 2023	15	12.49	69.90	6.1	33.45	8.0	25.3	2.21
F01	02 Mar 2023	16	11.94	69.31	5.0	33.57	7.9	25.5	1.57
F01	02 Mar 2023	17	11.68	70.39	4.3	33.62	7.8	25.6	1.14
F01	02 Mar 2023	18	11.66	70.52	4.2	33.61	7.8	25.6	0.93
F01	02 Mar 2023	19	11.69	69.41	4.4	33.61	7.8	25.6	0.88
F01	02 Mar 2023	20	11.70	68.74	4.5	33.61	7.8	25.6	0.91
F02	02 Mar 2023	1	13.15	79.38	8.5	33.34	8.2	25.1	1.96
F02	02 Mar 2023	2	13.15	79.41	8.5	33.34	8.2	25.1	1.99
F02	02 Mar 2023	3	13.15	79.66	8.5	33.34	8.2	25.1	2.15
F02	02 Mar 2023	4	13.16	79.32	8.4	33.34	8.1	25.1	2.45
F02	02 Mar 2023	5	13.19	79.61	8.3	33.36	8.1	25.1	2.46
F02	02 Mar 2023	6	13.15	81.63	8.2	33.36	8.1	25.1	2.71
F02	02 Mar 2023	7	13.15	83.72	8.2	33.36	8.1	25.1	2.86
F02	02 Mar 2023	8	13.12	83.87	8.2	33.36	8.1	25.1	2.36
F02	02 Mar 2023	9	13.11	84.64	8.1	33.36	8.1	25.1	2.24
F02	02 Mar 2023	10	13.08	85.14	8.0	33.37	8.1	25.1	2.49
F02	02 Mar 2023	11	12.94	85.66	7.3	33.41	8.1	25.2	2.05
F02	02 Mar 2023	12	12.70	86.38	6.5	33.45	8.1	25.3	1.74
F02	02 Mar 2023	13	12.40	87.77	5.8	33.50	8.0	25.3	1.20
F02	02 Mar 2023	14	12.10	88.75	5.3	33.54	8.0	25.4	0.95
F02	02 Mar 2023	15	12.00	87.30	5.1	33.55	7.9	25.5	0.70
F02	02 Mar 2023	16	11.97	87.09	5.1	33.55	7.9	25.5	0.64
F02	02 Mar 2023	17	11.96	86.61	5.1	33.55	7.9	25.5	0.63
F02	02 Mar 2023	18	11.96	84.74	5.1	33.55	7.9	25.5	0.69
F02	02 Mar 2023	19	11.91	84.20	5.0	33.56	7.9	25.5	0.59
F02	02 Mar 2023	20	11.91	83.10	5.0	33.56	7.9	25.5	0.63
F03	02 Mar 2023	1	13.16	79.78	8.5	33.34	8.1	25.1	1.48
F03	02 Mar 2023	2	13.17	79.35	8.5	33.35	8.1	25.1	1.56
F03	02 Mar 2023	3	13.17	77.78	8.5	33.35	8.1	25.1	1.71
F03	02 Mar 2023	4	13.17	79.94	8.4	33.35	8.1	25.1	2.29
F03	02 Mar 2023	5	13.17	80.73	8.4	33.35	8.1	25.1	2.93
F03	02 Mar 2023	6	13.17	81.05	8.4	33.36	8.1	25.1	3.13
F03	02 Mar 2023	7	13.17	81.38	8.4	33.36	8.1	25.1	3.19
F03	02 Mar 2023	8	13.17	81.44	8.3	33.36	8.1	25.1	2.90
F03	02 Mar 2023	9	13.17	80.12	8.1	33.36	8.1	25.1	3.04
F03	02 Mar 2023	10	13.12	82.55	7.7	33.37	8.1	25.1	2.72
F03	02 Mar 2023	11	12.78	83.07	7.0	33.45	8.0	25.2	2.02
F03	02 Mar 2023	12	12.76	84.79	6.5	33.45	8.0	25.2	1.69
F03	02 Mar 2023	13	12.53	84.35	6.0	33.49	8.0	25.3	1.45
F03	02 Mar 2023	14	12.25	82.90	5.5	33.53	7.9	25.4	1.13

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F03	02 Mar 2023	15	12.11	84.37	5.2	33.55	7.9	25.4	0.91
F03	02 Mar 2023	16	12.03	82.73	5.1	33.56	7.9	25.5	0.82
F03	02 Mar 2023	17	11.99	82.98	5.1	33.56	7.9	25.5	0.71
F03	02 Mar 2023	18	11.95	84.72	5.0	33.57	7.8	25.5	0.68
F03	02 Mar 2023	19	11.96	83.97	5.0	33.57	7.8	25.5	0.74
F03	02 Mar 2023	20	11.97	83.43	5.0	33.57	7.8	25.5	0.69
F04	02 Mar 2023	1	13.42	82.58	8.6	33.35	8.1	25.0	1.28
F04	02 Mar 2023	2	13.42	82.79	8.6	33.35	8.1	25.0	1.27
F04	02 Mar 2023	3	13.31	82.98	8.6	33.35	8.1	25.1	1.50
F04	02 Mar 2023	4	13.26	82.56	8.6	33.35	8.1	25.1	1.81
F04	02 Mar 2023	5	13.24	82.06	8.6	33.35	8.1	25.1	2.16
F04	02 Mar 2023	6	13.22	82.31	8.6	33.36	8.1	25.1	2.57
F04	02 Mar 2023	7	13.21	82.54	8.5	33.36	8.1	25.1	2.81
F04	02 Mar 2023	8	13.21	82.64	8.4	33.37	8.1	25.1	3.08
F04	02 Mar 2023	9	13.20	83.34	8.4	33.37	8.1	25.1	3.25
F04	02 Mar 2023	10	13.20	83.95	8.3	33.37	8.1	25.1	3.52
F04	02 Mar 2023	11	13.19	84.38	8.3	33.37	8.1	25.1	3.61
F04	02 Mar 2023	12	13.19	84.86	8.2	33.37	8.1	25.1	3.47
F04	02 Mar 2023	13	13.19	85.56	8.2	33.38	8.1	25.1	3.44
F04	02 Mar 2023	14	13.19	85.62	8.3	33.38	8.1	25.1	3.38
F04	02 Mar 2023	15	13.19	85.87	8.2	33.38	8.1	25.1	3.19
F04	02 Mar 2023	16	13.19	86.05	8.1	33.38	8.1	25.1	3.28
F04	02 Mar 2023	17	13.19	86.65	8.1	33.38	8.1	25.1	3.04
F04	02 Mar 2023	18	13.19	87.30	8.1	33.38	8.1	25.1	2.88
F04	02 Mar 2023	19	13.18	87.10	8.0	33.39	8.1	25.1	2.95
F04	02 Mar 2023	20	13.17	88.03	7.6	33.39	8.1	25.1	2.60
F04	02 Mar 2023	21	12.69	89.07	6.7	33.46	8.1	25.3	1.79
F04	02 Mar 2023	22	12.41	90.47	6.0	33.49	8.0	25.3	1.26
F04	02 Mar 2023	23	12.19	91.09	5.5	33.51	7.9	25.4	0.97
F04	02 Mar 2023	24	11.98	91.37	5.3	33.53	7.9	25.4	0.80
F04	02 Mar 2023	25	12.05	91.28	5.3	33.51	7.9	25.4	0.83
F04	02 Mar 2023	26	11.78	91.21	5.2	33.53	7.9	25.5	0.73
F04	02 Mar 2023	27	11.72	92.10	5.2	33.52	7.9	25.5	0.66
F04	02 Mar 2023	28	11.63	92.01	5.1	33.54	7.9	25.5	0.61
F04	02 Mar 2023	29	11.52	92.17	5.0	33.55	7.8	25.6	0.59
F04	02 Mar 2023	30	11.50	92.25	4.8	33.55	7.8	25.6	0.56
F04	02 Mar 2023	31	11.42	92.24	4.7	33.58	7.8	25.6	0.51
F04	02 Mar 2023	32	11.38	92.17	4.6	33.59	7.8	25.6	0.48
F04	02 Mar 2023	33	11.37	91.82	4.5	33.61	7.8	25.6	0.46
F04	02 Mar 2023	34	11.33	91.40	4.4	33.62	7.8	25.6	0.45
F04	02 Mar 2023	35	11.29	91.18	4.2	33.63	7.8	25.7	0.44
F04	02 Mar 2023	36	11.27	91.22	4.1	33.63	7.8	25.7	0.42
F04	02 Mar 2023	37	11.25	91.44	4.0	33.63	7.8	25.7	0.40
F04	02 Mar 2023	38	11.27	91.29	4.1	33.63	7.8	25.7	0.39
F04	02 Mar 2023	39	11.22	91.46	4.0	33.63	7.8	25.7	0.39
F04	02 Mar 2023	40	11.20	91.25	3.8	33.64	7.8	25.7	0.36
F04	02 Mar 2023	41	11.22	91.13	3.8	33.65	7.8	25.7	0.36
F04	02 Mar 2023	42	11.22	90.38	3.8	33.66	7.8	25.7	0.37
F04	02 Mar 2023	43	11.19	89.88	3.8	33.67	7.8	25.7	0.37
F04	02 Mar 2023	44	11.17	89.21	3.8	33.67	7.8	25.7	0.38
F04	02 Mar 2023	45	11.17	89.34	3.9	33.67	7.8	25.7	0.39
F04	02 Mar 2023	46	11.19	89.68	3.9	33.69	7.8	25.7	0.39
F04	02 Mar 2023	47	11.21	90.01	3.9	33.70	7.8	25.7	0.42
F04	02 Mar 2023	48	11.21	90.31	3.9	33.70	7.8	25.7	0.41
F04	02 Mar 2023	49	11.19	90.39	3.9	33.71	7.8	25.7	0.40
F04	02 Mar 2023	50	11.16	90.29	3.9	33.72	7.8	25.7	0.38
F04	02 Mar 2023	51	11.13	89.98	3.8	33.73	7.8	25.8	0.38
F04	02 Mar 2023	52	11.11	89.53	3.8	33.75	7.8	25.8	0.38
F04	02 Mar 2023	53	11.05	89.39	3.7	33.77	7.8	25.8	0.38
F04	02 Mar 2023	54	11.01	89.23	3.6	33.78	7.8	25.8	0.38

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F04	02 Mar 2023	55	10.86	88.94	3.5	33.84	7.8	25.9	0.36
F04	02 Mar 2023	56	10.82	89.00	3.5	33.85	7.7	25.9	0.36
F04	02 Mar 2023	57	10.81	88.08	3.5	33.86	7.7	25.9	0.35
F04	02 Mar 2023	58	10.78	87.84	3.4	33.87	7.7	25.9	0.35
F04	02 Mar 2023	59	10.76	88.26	3.4	33.88	7.7	25.9	0.35
F04	02 Mar 2023	60	10.76	88.04	3.4	33.88	7.7	25.9	0.36
F04	02 Mar 2023	61	10.77	87.57	3.4	33.88	7.7	25.9	0.37
F05	02 Mar 2023	1	13.47	82.90	8.6	33.34	8.1	25.0	1.17
F05	02 Mar 2023	2	13.41	82.79	8.6	33.34	8.1	25.0	1.22
F05	02 Mar 2023	3	13.33	82.71	8.6	33.34	8.1	25.0	1.50
F05	02 Mar 2023	4	13.28	81.67	8.6	33.34	8.1	25.1	1.85
F05	02 Mar 2023	5	13.25	82.06	8.6	33.35	8.1	25.1	2.08
F05	02 Mar 2023	6	13.22	81.67	8.6	33.35	8.1	25.1	2.55
F05	02 Mar 2023	7	13.21	81.81	8.6	33.35	8.1	25.1	3.33
F05	02 Mar 2023	8	13.20	82.24	8.5	33.36	8.1	25.1	3.83
F05	02 Mar 2023	9	13.19	82.64	8.5	33.36	8.1	25.1	3.76
F05	02 Mar 2023	10	13.18	83.14	8.4	33.37	8.1	25.1	3.76
F05	02 Mar 2023	11	13.18	84.21	8.3	33.37	8.1	25.1	3.73
F05	02 Mar 2023	12	13.17	85.04	8.2	33.37	8.1	25.1	3.88
F05	02 Mar 2023	13	13.17	85.80	8.2	33.37	8.1	25.1	3.85
F05	02 Mar 2023	14	13.16	85.94	8.1	33.38	8.1	25.1	3.73
F05	02 Mar 2023	15	13.15	85.69	7.9	33.38	8.1	25.1	3.73
F05	02 Mar 2023	16	13.05	86.58	7.4	33.42	8.1	25.2	2.84
F05	02 Mar 2023	17	12.82	88.93	6.8	33.45	8.0	25.2	2.02
F05	02 Mar 2023	18	12.65	90.17	6.3	33.47	8.0	25.3	1.49
F05	02 Mar 2023	19	12.50	90.43	6.0	33.49	8.0	25.3	1.28
F05	02 Mar 2023	20	12.38	90.49	5.8	33.51	8.0	25.4	0.98
F05	02 Mar 2023	21	12.21	90.84	5.5	33.53	7.9	25.4	0.89
F05	02 Mar 2023	22	12.20	90.85	5.5	33.53	7.9	25.4	0.85
F05	02 Mar 2023	23	12.09	91.02	5.3	33.54	7.9	25.4	0.70
F05	02 Mar 2023	24	12.01	91.15	5.2	33.55	7.9	25.5	0.68
F05	02 Mar 2023	25	11.96	91.05	5.2	33.55	7.9	25.5	0.69
F05	02 Mar 2023	26	11.89	91.16	5.1	33.56	7.9	25.5	0.65
F05	02 Mar 2023	27	11.72	91.22	4.9	33.57	7.8	25.5	0.63
F05	02 Mar 2023	28	11.68	91.50	4.8	33.57	7.8	25.5	0.60
F05	02 Mar 2023	29	11.63	91.71	4.7	33.59	7.8	25.6	0.58
F05	02 Mar 2023	30	11.57	91.53	4.6	33.61	7.8	25.6	0.56
F05	02 Mar 2023	31	11.54	91.16	4.5	33.62	7.8	25.6	0.55
F05	02 Mar 2023	32	11.50	91.03	4.5	33.62	7.8	25.6	0.53
F05	02 Mar 2023	33	11.47	91.29	4.5	33.63	7.8	25.6	0.52
F05	02 Mar 2023	34	11.46	91.49	4.5	33.63	7.8	25.6	0.51
F05	02 Mar 2023	35	11.45	91.40	4.4	33.65	7.8	25.6	0.51
F05	02 Mar 2023	36	11.44	91.14	4.4	33.65	7.8	25.6	0.51
F05	02 Mar 2023	37	11.41	90.93	4.3	33.66	7.8	25.7	0.49
F05	02 Mar 2023	38	11.40	90.80	4.3	33.66	7.8	25.7	0.49
F05	02 Mar 2023	39	11.39	90.87	4.3	33.66	7.8	25.7	0.48
F05	02 Mar 2023	40	11.39	90.84	4.3	33.67	7.8	25.7	0.48
F05	02 Mar 2023	41	11.37	90.89	4.2	33.67	7.8	25.7	0.48
F05	02 Mar 2023	42	11.37	90.76	4.2	33.68	7.8	25.7	0.48
F05	02 Mar 2023	43	11.37	90.62	4.2	33.68	7.8	25.7	0.48
F05	02 Mar 2023	44	11.34	90.46	4.1	33.69	7.8	25.7	0.45
F05	02 Mar 2023	45	11.34	90.29	4.1	33.70	7.8	25.7	0.45
F05	02 Mar 2023	46	11.32	90.03	4.1	33.70	7.8	25.7	0.45
F05	02 Mar 2023	47	11.31	89.82	4.0	33.70	7.8	25.7	0.45
F05	02 Mar 2023	48	11.31	89.66	4.0	33.70	7.8	25.7	0.45
F05	02 Mar 2023	49	11.30	89.39	4.0	33.70	7.8	25.7	0.45
F05	02 Mar 2023	50	11.28	89.42	4.0	33.71	7.8	25.7	0.46
F05	02 Mar 2023	51	11.26	89.80	4.0	33.71	7.8	25.7	0.45
F05	02 Mar 2023	52	11.25	89.79	4.0	33.72	7.8	25.7	0.43
F05	02 Mar 2023	53	11.13	89.50	3.8	33.76	7.8	25.8	0.43

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F05	02 Mar 2023	54	11.03	89.04	3.7	33.79	7.8	25.8	0.41
F05	02 Mar 2023	55	10.92	88.62	3.6	33.83	7.8	25.9	0.40
F05	02 Mar 2023	56	10.87	88.64	3.5	33.84	7.8	25.9	0.39
F05	02 Mar 2023	57	10.80	88.80	3.4	33.85	7.7	25.9	0.37
F05	02 Mar 2023	58	10.71	88.62	3.4	33.87	7.7	25.9	0.37
F05	02 Mar 2023	59	10.69	88.44	3.4	33.88	7.7	26.0	0.36
F05	02 Mar 2023	60	10.70	87.84	3.4	33.88	7.7	26.0	0.36
F05	02 Mar 2023	61	10.69	86.55	3.4	33.89	7.7	26.0	0.37
F05	02 Mar 2023	62	10.69	84.98	3.4	33.89	7.7	26.0	0.37
F06	02 Mar 2023	1	13.38	81.32	8.6	33.32	8.1	25.0	1.25
F06	02 Mar 2023	2	13.38	78.63	8.6	33.32	8.1	25.0	1.29
F06	02 Mar 2023	3	13.30	81.10	8.6	33.34	8.1	25.0	1.51
F06	02 Mar 2023	4	13.27	81.53	8.6	33.34	8.1	25.1	1.79
F06	02 Mar 2023	5	13.24	82.18	8.6	33.35	8.1	25.1	2.09
F06	02 Mar 2023	6	13.23	82.40	8.5	33.35	8.1	25.1	2.41
F06	02 Mar 2023	7	13.22	82.40	8.5	33.36	8.1	25.1	2.76
F06	02 Mar 2023	8	13.22	82.58	8.5	33.36	8.1	25.1	3.16
F06	02 Mar 2023	9	13.21	82.98	8.5	33.36	8.1	25.1	3.49
F06	02 Mar 2023	10	13.17	83.07	8.4	33.37	8.1	25.1	3.82
F06	02 Mar 2023	11	13.15	83.58	8.3	33.37	8.1	25.1	3.95
F06	02 Mar 2023	12	13.13	84.09	8.2	33.38	8.1	25.1	3.78
F06	02 Mar 2023	13	13.13	85.52	8.2	33.38	8.1	25.1	3.88
F06	02 Mar 2023	14	13.12	85.91	8.1	33.38	8.1	25.1	3.89
F06	02 Mar 2023	15	13.11	86.67	8.1	33.38	8.1	25.1	3.68
F06	02 Mar 2023	16	13.06	86.67	7.6	33.40	8.1	25.1	3.19
F06	02 Mar 2023	17	12.79	87.67	6.8	33.46	8.0	25.2	2.47
F06	02 Mar 2023	18	12.58	89.88	6.2	33.48	8.0	25.3	1.40
F06	02 Mar 2023	19	12.49	90.93	6.0	33.49	8.0	25.3	1.12
F06	02 Mar 2023	20	12.32	91.18	5.7	33.51	7.9	25.4	1.01
F06	02 Mar 2023	21	12.20	91.02	5.5	33.53	7.9	25.4	0.79
F06	02 Mar 2023	22	12.10	91.00	5.3	33.54	7.9	25.4	0.73
F06	02 Mar 2023	23	12.07	91.19	5.3	33.55	7.9	25.4	0.73
F06	02 Mar 2023	24	12.07	91.32	5.3	33.55	7.9	25.4	0.70
F06	02 Mar 2023	25	12.03	91.24	5.2	33.55	7.9	25.5	0.66
F06	02 Mar 2023	26	11.98	91.18	5.2	33.56	7.9	25.5	0.66
F06	02 Mar 2023	27	11.95	91.34	5.1	33.57	7.9	25.5	0.64
F06	02 Mar 2023	28	11.92	91.38	5.0	33.57	7.9	25.5	0.64
F06	02 Mar 2023	29	11.89	91.28	5.0	33.57	7.9	25.5	0.60
F06	02 Mar 2023	30	11.83	91.14	4.8	33.58	7.8	25.5	0.62
F06	02 Mar 2023	31	11.78	90.96	4.8	33.59	7.8	25.5	0.61
F06	02 Mar 2023	32	11.74	90.94	4.7	33.59	7.8	25.5	0.58
F06	02 Mar 2023	33	11.53	91.17	4.5	33.64	7.8	25.6	0.55
F06	02 Mar 2023	34	11.48	90.94	4.4	33.65	7.8	25.6	0.53
F06	02 Mar 2023	35	11.47	90.50	4.3	33.65	7.8	25.6	0.53
F06	02 Mar 2023	36	11.47	90.42	4.3	33.65	7.8	25.6	0.52
F06	02 Mar 2023	37	11.47	90.38	4.3	33.65	7.8	25.6	0.52
F06	02 Mar 2023	38	11.47	90.27	4.2	33.65	7.8	25.6	0.50
F06	02 Mar 2023	39	11.46	89.75	4.3	33.66	7.8	25.6	0.50
F06	02 Mar 2023	40	11.43	88.76	4.2	33.66	7.8	25.7	0.50
F06	02 Mar 2023	41	11.42	88.58	4.2	33.67	7.8	25.7	0.50
F06	02 Mar 2023	42	11.40	88.77	4.1	33.67	7.8	25.7	0.48
F06	02 Mar 2023	43	11.39	89.02	4.1	33.68	7.8	25.7	0.48
F06	02 Mar 2023	44	11.39	89.48	4.2	33.68	7.8	25.7	0.48
F06	02 Mar 2023	45	11.38	89.85	4.2	33.68	7.8	25.7	0.47
F06	02 Mar 2023	46	11.38	89.99	4.1	33.68	7.8	25.7	0.47
F06	02 Mar 2023	47	11.38	89.93	4.1	33.68	7.8	25.7	0.48
F06	02 Mar 2023	48	11.37	89.80	4.1	33.68	7.8	25.7	0.46
F06	02 Mar 2023	49	11.35	89.61	4.1	33.69	7.8	25.7	0.46
F06	02 Mar 2023	50	11.34	89.07	4.1	33.69	7.8	25.7	0.47
F06	02 Mar 2023	51	11.35	89.09	4.0	33.69	7.8	25.7	0.47

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F06	02 Mar 2023	52	11.32	88.96	4.0	33.70	7.8	25.7	0.46
F06	02 Mar 2023	53	11.29	87.47	4.0	33.71	7.8	25.7	0.46
F06	02 Mar 2023	54	11.26	87.84	3.9	33.72	7.8	25.7	0.45
F06	02 Mar 2023	55	11.08	87.01	3.7	33.77	7.8	25.8	0.44
F06	02 Mar 2023	56	10.92	86.09	3.6	33.83	7.8	25.9	0.43
F06	02 Mar 2023	57	10.87	85.73	3.5	33.84	7.8	25.9	0.41
F06	02 Mar 2023	58	10.85	85.65	3.5	33.84	7.7	25.9	0.41
F06	02 Mar 2023	59	10.79	85.14	3.4	33.87	7.7	25.9	0.41
F06	02 Mar 2023	60	10.79	84.27	3.4	33.87	7.7	25.9	0.40
F06	02 Mar 2023	61	10.78	84.32	3.4	33.87	7.7	25.9	0.41
F06	02 Mar 2023	62	10.76	77.00	3.4	33.88	7.7	25.9	0.41
F07	02 Mar 2023	1	13.33	83.37	8.5	33.36	8.1	25.1	1.05
F07	02 Mar 2023	2	13.31	83.42	8.5	33.36	8.1	25.1	1.12
F07	02 Mar 2023	3	13.28	83.67	8.5	33.36	8.1	25.1	1.26
F07	02 Mar 2023	4	13.21	83.28	8.5	33.36	8.1	25.1	1.49
F07	02 Mar 2023	5	13.24	83.27	8.5	33.35	8.1	25.1	1.69
F07	02 Mar 2023	6	13.17	82.89	8.4	33.36	8.1	25.1	2.05
F07	02 Mar 2023	7	13.14	82.56	8.4	33.36	8.1	25.1	2.61
F07	02 Mar 2023	8	13.14	82.89	8.4	33.36	8.1	25.1	3.05
F07	02 Mar 2023	9	13.12	82.72	8.3	33.36	8.1	25.1	3.46
F07	02 Mar 2023	10	13.10	83.47	8.3	33.37	8.1	25.1	3.68
F07	02 Mar 2023	11	13.10	84.31	8.3	33.37	8.1	25.1	3.60
F07	02 Mar 2023	12	13.08	84.66	8.3	33.37	8.1	25.1	3.48
F07	02 Mar 2023	13	13.08	85.05	8.2	33.38	8.1	25.1	3.81
F07	02 Mar 2023	14	13.08	85.31	8.2	33.38	8.1	25.1	3.72
F07	02 Mar 2023	15	13.08	85.91	8.1	33.38	8.1	25.1	3.43
F07	02 Mar 2023	16	13.08	86.09	8.2	33.38	8.1	25.1	3.42
F07	02 Mar 2023	17	13.07	86.18	8.1	33.38	8.1	25.1	3.02
F07	02 Mar 2023	18	13.07	85.97	8.0	33.38	8.1	25.1	3.01
F07	02 Mar 2023	19	12.99	86.71	7.5	33.41	8.1	25.2	2.86
F07	02 Mar 2023	20	12.87	88.31	7.0	33.44	8.0	25.2	2.16
F07	02 Mar 2023	21	12.68	89.46	6.5	33.46	8.0	25.3	1.60
F07	02 Mar 2023	22	12.51	90.03	6.2	33.48	8.0	25.3	1.39
F07	02 Mar 2023	23	12.32	90.56	5.8	33.51	7.9	25.4	0.93
F07	02 Mar 2023	24	12.34	90.88	5.7	33.50	7.9	25.4	0.82
F07	02 Mar 2023	25	12.14	91.15	5.4	33.54	7.9	25.4	0.72
F07	02 Mar 2023	26	12.00	90.97	5.1	33.56	7.9	25.5	0.62
F07	02 Mar 2023	27	11.86	90.83	4.9	33.58	7.9	25.5	0.53
F07	02 Mar 2023	28	11.82	91.39	4.9	33.58	7.8	25.5	0.50
F07	02 Mar 2023	29	11.79	91.24	4.8	33.58	7.8	25.5	0.47
F07	02 Mar 2023	30	11.70	91.51	4.7	33.59	7.8	25.6	0.48
F07	02 Mar 2023	31	11.63	91.52	4.6	33.61	7.8	25.6	0.46
F07	02 Mar 2023	32	11.60	91.46	4.5	33.62	7.8	25.6	0.46
F07	02 Mar 2023	33	11.59	91.29	4.5	33.62	7.8	25.6	0.46
F07	02 Mar 2023	34	11.58	91.10	4.5	33.62	7.8	25.6	0.44
F07	02 Mar 2023	35	11.56	90.86	4.4	33.63	7.8	25.6	0.42
F07	02 Mar 2023	36	11.54	90.74	4.4	33.64	7.8	25.6	0.43
F07	02 Mar 2023	37	11.53	90.60	4.3	33.64	7.8	25.6	0.43
F07	02 Mar 2023	38	11.51	90.52	4.3	33.65	7.8	25.6	0.43
F07	02 Mar 2023	39	11.50	90.43	4.3	33.65	7.8	25.6	0.41
F07	02 Mar 2023	40	11.48	90.17	4.3	33.65	7.8	25.6	0.40
F07	02 Mar 2023	41	11.49	89.87	4.3	33.65	7.8	25.6	0.40
F07	02 Mar 2023	42	11.45	89.34	4.2	33.66	7.8	25.7	0.39
F07	02 Mar 2023	43	11.43	88.77	4.2	33.66	7.8	25.7	0.43
F07	02 Mar 2023	44	11.43	88.25	4.2	33.67	7.8	25.7	0.40
F07	02 Mar 2023	45	11.42	88.13	4.2	33.67	7.8	25.7	0.40
F07	02 Mar 2023	46	11.42	88.14	4.2	33.67	7.8	25.7	0.39
F07	02 Mar 2023	47	11.42	88.52	4.2	33.67	7.8	25.7	0.39
F07	02 Mar 2023	48	11.42	88.54	4.2	33.67	7.8	25.7	0.39
F07	02 Mar 2023	49	11.40	88.60	4.1	33.67	7.8	25.7	0.40

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F07	02 Mar 2023	50	11.37	88.43	4.1	33.68	7.8	25.7	0.39
F07	02 Mar 2023	51	11.34	88.16	4.0	33.69	7.8	25.7	0.38
F07	02 Mar 2023	52	11.32	88.14	4.0	33.69	7.8	25.7	0.37
F07	02 Mar 2023	53	11.29	88.33	4.0	33.70	7.8	25.7	0.37
F07	02 Mar 2023	54	11.27	88.59	4.0	33.70	7.8	25.7	0.36
F07	02 Mar 2023	55	11.24	88.89	4.0	33.71	7.8	25.7	0.35
F07	02 Mar 2023	56	11.19	89.07	3.9	33.72	7.8	25.7	0.33
F07	02 Mar 2023	57	11.17	88.71	3.8	33.73	7.8	25.8	0.33
F07	02 Mar 2023	58	11.13	88.51	3.7	33.75	7.8	25.8	0.34
F07	02 Mar 2023	59	10.98	87.87	3.7	33.80	7.8	25.8	0.34
F07	02 Mar 2023	60	10.91	87.11	3.6	33.83	7.8	25.9	0.34
F07	02 Mar 2023	61	10.86	84.30	3.5	33.84	7.7	25.9	0.33
F07	02 Mar 2023	62	10.89	84.26	3.5	33.83	7.7	25.9	0.33
F07	02 Mar 2023	63	10.80	83.67	3.5	33.86	7.7	25.9	0.32
F07	02 Mar 2023	64	10.77	83.42	3.4	33.87	7.7	25.9	0.32
F07	02 Mar 2023	65	10.77	82.74	3.4	33.87	7.7	25.9	0.32
F08	02 Mar 2023	1	13.27	83.30	8.5	33.36	8.1	25.1	1.09
F08	02 Mar 2023	2	13.27	83.11	8.5	33.36	8.1	25.1	1.16
F08	02 Mar 2023	3	13.27	83.34	8.5	33.36	8.1	25.1	1.16
F08	02 Mar 2023	4	13.23	83.10	8.4	33.36	8.1	25.1	1.41
F08	02 Mar 2023	5	13.18	83.19	8.4	33.36	8.1	25.1	1.73
F08	02 Mar 2023	6	13.18	82.72	8.4	33.36	8.1	25.1	2.11
F08	02 Mar 2023	7	13.17	82.94	8.4	33.36	8.1	25.1	2.51
F08	02 Mar 2023	8	13.15	82.90	8.4	33.36	8.1	25.1	2.92
F08	02 Mar 2023	9	13.14	83.09	8.3	33.37	8.1	25.1	3.25
F08	02 Mar 2023	10	13.13	83.62	8.3	33.37	8.1	25.1	3.20
F08	02 Mar 2023	11	13.14	84.36	8.3	33.37	8.1	25.1	3.44
F08	02 Mar 2023	12	13.13	84.68	8.3	33.37	8.1	25.1	3.45
F08	02 Mar 2023	13	13.13	85.07	8.3	33.38	8.1	25.1	3.14
F08	02 Mar 2023	14	13.12	85.40	8.2	33.38	8.1	25.1	3.03
F08	02 Mar 2023	15	13.12	85.59	8.1	33.38	8.1	25.1	3.12
F08	02 Mar 2023	16	13.12	86.17	8.1	33.38	8.1	25.1	3.10
F08	02 Mar 2023	17	13.12	86.80	8.1	33.38	8.1	25.1	2.95
F08	02 Mar 2023	18	13.11	86.86	8.0	33.38	8.1	25.1	3.13
F08	02 Mar 2023	19	13.10	87.41	7.9	33.39	8.1	25.1	2.98
F08	02 Mar 2023	20	13.07	87.51	7.6	33.40	8.1	25.1	2.86
F08	02 Mar 2023	21	12.86	87.57	7.0	33.44	8.1	25.2	2.56
F08	02 Mar 2023	22	12.61	88.30	6.4	33.47	8.0	25.3	1.67
F08	02 Mar 2023	23	12.41	89.93	5.9	33.51	8.0	25.4	1.08
F08	02 Mar 2023	24	12.43	90.65	5.8	33.50	7.9	25.3	0.85
F08	02 Mar 2023	25	12.29	90.76	5.7	33.52	7.9	25.4	0.73
F08	02 Mar 2023	26	12.24	90.80	5.6	33.53	7.9	25.4	0.73
F08	02 Mar 2023	27	12.19	90.85	5.4	33.53	7.9	25.4	0.68
F08	02 Mar 2023	28	12.08	90.87	5.3	33.55	7.9	25.4	0.60
F08	02 Mar 2023	29	11.97	91.06	5.1	33.56	7.9	25.5	0.52
F08	02 Mar 2023	30	11.87	91.02	4.9	33.58	7.9	25.5	0.48
F08	02 Mar 2023	31	11.79	90.68	4.7	33.59	7.8	25.5	0.46
F08	02 Mar 2023	32	11.77	90.39	4.7	33.59	7.8	25.5	0.46
F08	02 Mar 2023	33	11.73	90.63	4.7	33.60	7.8	25.5	0.44
F08	02 Mar 2023	34	11.70	90.67	4.6	33.60	7.8	25.6	0.43
F08	02 Mar 2023	35	11.68	90.50	4.5	33.61	7.8	25.6	0.41
F08	02 Mar 2023	36	11.66	90.43	4.5	33.61	7.8	25.6	0.42
F08	02 Mar 2023	37	11.65	90.29	4.5	33.62	7.8	25.6	0.40
F08	02 Mar 2023	38	11.63	90.37	4.5	33.62	7.8	25.6	0.39
F08	02 Mar 2023	39	11.55	90.52	4.4	33.63	7.8	25.6	0.40
F08	02 Mar 2023	40	11.53	90.57	4.4	33.63	7.8	25.6	0.37
F08	02 Mar 2023	41	11.49	90.46	4.3	33.64	7.8	25.6	0.36
F08	02 Mar 2023	42	11.43	90.14	4.2	33.66	7.8	25.7	0.36
F08	02 Mar 2023	43	11.44	89.44	4.2	33.66	7.8	25.6	0.35
F08	02 Mar 2023	44	11.42	89.14	4.2	33.66	7.8	25.7	0.36

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F08	02 Mar 2023	45	11.39	87.79	4.1	33.67	7.8	25.7	0.35
F08	02 Mar 2023	46	11.38	87.15	4.1	33.67	7.8	25.7	0.36
F08	02 Mar 2023	47	11.37	86.68	4.1	33.67	7.8	25.7	0.36
F08	02 Mar 2023	48	11.37	86.82	4.1	33.67	7.8	25.7	0.35
F08	02 Mar 2023	49	11.36	87.12	4.1	33.67	7.8	25.7	0.35
F08	02 Mar 2023	50	11.35	86.70	4.1	33.68	7.8	25.7	0.35
F08	02 Mar 2023	51	11.33	86.73	4.0	33.68	7.8	25.7	0.34
F08	02 Mar 2023	52	11.31	86.82	4.0	33.69	7.8	25.7	0.34
F08	02 Mar 2023	53	11.29	86.96	4.0	33.69	7.8	25.7	0.34
F08	02 Mar 2023	54	11.27	87.37	4.0	33.70	7.8	25.7	0.33
F08	02 Mar 2023	55	11.23	87.63	3.9	33.71	7.8	25.7	0.32
F08	02 Mar 2023	56	11.26	87.70	3.9	33.70	7.8	25.7	0.33
F08	02 Mar 2023	57	11.12	87.71	3.8	33.75	7.8	25.8	0.32
F08	02 Mar 2023	58	11.01	87.10	3.7	33.79	7.8	25.8	0.31
F08	02 Mar 2023	59	10.95	86.41	3.6	33.81	7.8	25.9	0.29
F08	02 Mar 2023	60	10.84	86.07	3.5	33.85	7.8	25.9	0.29
F08	02 Mar 2023	61	10.81	85.39	3.5	33.86	7.7	25.9	0.29
F08	02 Mar 2023	62	10.84	84.68	3.5	33.85	7.7	25.9	0.29
F09	02 Mar 2023	1	13.21	81.65	8.5	33.34	8.1	25.1	1.13
F09	02 Mar 2023	2	13.21	81.50	8.5	33.34	8.1	25.1	1.16
F09	02 Mar 2023	3	13.20	81.49	8.4	33.34	8.1	25.1	1.24
F09	02 Mar 2023	4	13.15	81.43	8.4	33.35	8.1	25.1	1.62
F09	02 Mar 2023	5	13.15	82.56	8.4	33.35	8.1	25.1	1.88
F09	02 Mar 2023	6	13.14	83.55	8.4	33.36	8.1	25.1	2.26
F09	02 Mar 2023	7	13.13	83.47	8.3	33.37	8.1	25.1	2.60
F09	02 Mar 2023	8	13.12	83.78	8.3	33.37	8.1	25.1	2.77
F09	02 Mar 2023	9	13.12	84.36	8.2	33.38	8.1	25.1	2.96
F09	02 Mar 2023	10	13.12	85.14	8.2	33.38	8.1	25.1	2.91
F09	02 Mar 2023	11	13.11	85.54	8.2	33.38	8.1	25.1	2.95
F09	02 Mar 2023	12	13.11	86.04	8.1	33.38	8.1	25.1	2.73
F09	02 Mar 2023	13	13.10	86.27	8.1	33.38	8.1	25.1	2.92
F09	02 Mar 2023	14	13.10	86.89	8.0	33.38	8.1	25.1	2.88
F09	02 Mar 2023	15	13.07	87.53	7.7	33.40	8.1	25.1	2.42
F09	02 Mar 2023	16	13.00	87.97	7.4	33.41	8.1	25.2	2.06
F09	02 Mar 2023	17	12.93	88.36	7.2	33.42	8.0	25.2	1.95
F09	02 Mar 2023	18	12.80	88.48	6.8	33.44	8.0	25.2	1.77
F09	02 Mar 2023	19	12.62	88.83	6.4	33.47	8.0	25.3	1.51
F09	02 Mar 2023	20	12.40	89.80	5.9	33.50	8.0	25.4	1.14
F09	02 Mar 2023	21	12.39	89.91	5.8	33.50	7.9	25.4	0.85
F09	02 Mar 2023	22	12.23	89.95	5.6	33.52	7.9	25.4	0.71
F09	02 Mar 2023	23	12.18	90.61	5.5	33.52	7.9	25.4	0.59
F09	02 Mar 2023	24	12.11	90.85	5.4	33.53	7.9	25.4	0.57
F09	02 Mar 2023	25	12.05	91.11	5.3	33.54	7.9	25.4	0.59
F09	02 Mar 2023	26	12.06	91.02	5.3	33.54	7.9	25.4	0.50
F09	02 Mar 2023	27	12.00	90.96	5.2	33.56	7.9	25.5	0.50
F09	02 Mar 2023	28	11.87	90.86	5.0	33.57	7.9	25.5	0.46
F09	02 Mar 2023	29	11.78	90.78	4.8	33.58	7.8	25.5	0.45
F09	02 Mar 2023	30	11.70	90.78	4.7	33.59	7.8	25.5	0.44
F09	02 Mar 2023	31	11.66	91.15	4.7	33.60	7.8	25.6	0.40
F09	02 Mar 2023	32	11.63	91.30	4.6	33.61	7.8	25.6	0.41
F09	02 Mar 2023	33	11.61	91.06	4.5	33.61	7.8	25.6	0.38
F09	02 Mar 2023	34	11.59	90.92	4.4	33.62	7.8	25.6	0.38
F09	02 Mar 2023	35	11.59	90.79	4.4	33.62	7.8	25.6	0.35
F09	02 Mar 2023	36	11.54	90.83	4.4	33.63	7.8	25.6	0.33
F09	02 Mar 2023	37	11.53	90.32	4.3	33.63	7.8	25.6	0.35
F09	02 Mar 2023	38	11.54	89.49	4.3	33.63	7.8	25.6	0.35
F09	02 Mar 2023	39	11.53	89.25	4.2	33.64	7.8	25.6	0.34
F09	02 Mar 2023	40	11.51	88.86	4.2	33.64	7.8	25.6	0.35
F09	02 Mar 2023	41	11.50	89.13	4.2	33.64	7.8	25.6	0.34
F09	02 Mar 2023	42	11.49	89.79	4.2	33.65	7.8	25.6	0.32

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F09	02 Mar 2023	43	11.47	89.70	4.2	33.65	7.8	25.6	0.31
F09	02 Mar 2023	44	11.45	89.37	4.2	33.65	7.8	25.6	0.31
F09	02 Mar 2023	45	11.44	88.73	4.2	33.65	7.8	25.6	0.31
F09	02 Mar 2023	46	11.39	87.74	4.1	33.66	7.8	25.7	0.31
F09	02 Mar 2023	47	11.34	87.42	4.1	33.67	7.8	25.7	0.32
F09	02 Mar 2023	48	11.32	87.33	4.0	33.67	7.8	25.7	0.31
F09	02 Mar 2023	49	11.32	87.20	4.0	33.68	7.8	25.7	0.30
F09	02 Mar 2023	50	11.32	87.35	4.0	33.68	7.8	25.7	0.33
F09	02 Mar 2023	51	11.31	87.76	4.0	33.68	7.8	25.7	0.30
F09	02 Mar 2023	52	11.28	87.77	4.0	33.69	7.8	25.7	0.29
F09	02 Mar 2023	53	11.26	87.59	3.9	33.70	7.8	25.7	0.28
F09	02 Mar 2023	54	11.05	87.68	3.8	33.78	7.8	25.8	0.29
F09	02 Mar 2023	55	10.90	87.58	3.6	33.83	7.8	25.9	0.27
F09	02 Mar 2023	56	10.87	87.12	3.6	33.84	7.8	25.9	0.24
F09	02 Mar 2023	57	10.86	86.73	3.6	33.84	7.8	25.9	0.25
F09	02 Mar 2023	58	10.85	86.45	3.6	33.84	7.7	25.9	0.24
F09	02 Mar 2023	59	10.85	86.16	3.6	33.84	7.7	25.9	0.24
F09	02 Mar 2023	60	10.85	86.12	3.6	33.84	7.7	25.9	0.23
F09	02 Mar 2023	61	10.84	86.35	3.6	33.85	7.7	25.9	0.23
F09	02 Mar 2023	62	10.83	85.03	3.5	33.85	7.7	25.9	0.25
F09	02 Mar 2023	63	10.84	84.62	3.5	33.85	7.7	25.9	0.24
F10	02 Mar 2023	1	13.17	85.43	8.3	33.37	8.1	25.1	1.00
F10	02 Mar 2023	2	13.17	85.56	8.4	33.37	8.1	25.1	0.93
F10	02 Mar 2023	3	13.16	85.42	8.3	33.37	8.1	25.1	1.04
F10	02 Mar 2023	4	13.14	84.98	8.3	33.37	8.1	25.1	1.23
F10	02 Mar 2023	5	13.13	85.13	8.3	33.37	8.1	25.1	1.77
F10	02 Mar 2023	6	13.12	85.32	8.3	33.37	8.1	25.1	1.85
F10	02 Mar 2023	7	13.11	85.39	8.3	33.37	8.1	25.1	2.18
F10	02 Mar 2023	8	13.11	85.56	8.3	33.37	8.1	25.1	2.30
F10	02 Mar 2023	9	13.11	85.65	8.2	33.37	8.1	25.1	2.37
F10	02 Mar 2023	10	13.11	85.66	8.3	33.37	8.1	25.1	3.00
F10	02 Mar 2023	11	13.11	85.78	8.3	33.37	8.1	25.1	2.87
F10	02 Mar 2023	12	13.10	85.71	8.2	33.37	8.1	25.1	2.86
F10	02 Mar 2023	13	13.10	85.70	8.2	33.37	8.1	25.1	2.90
F10	02 Mar 2023	14	13.10	85.53	8.2	33.37	8.1	25.1	2.94
F10	02 Mar 2023	15	13.06	85.65	7.8	33.39	8.1	25.1	2.71
F10	02 Mar 2023	16	12.94	86.94	7.3	33.42	8.1	25.2	2.31
F10	02 Mar 2023	17	12.84	88.18	7.0	33.44	8.0	25.2	2.18
F10	02 Mar 2023	18	12.80	88.82	6.9	33.44	8.0	25.2	1.73
F10	02 Mar 2023	19	12.75	88.98	6.8	33.45	8.0	25.2	1.56
F10	02 Mar 2023	20	12.66	89.42	6.6	33.46	8.0	25.3	1.71
F10	02 Mar 2023	21	12.59	89.88	6.5	33.46	8.0	25.3	1.25
F10	02 Mar 2023	22	12.49	90.06	6.2	33.48	8.0	25.3	1.03
F10	02 Mar 2023	23	12.35	90.12	6.0	33.49	8.0	25.4	0.92
F10	02 Mar 2023	24	12.26	90.40	5.7	33.51	7.9	25.4	0.76
F10	02 Mar 2023	25	12.18	90.70	5.6	33.51	7.9	25.4	0.58
F10	02 Mar 2023	26	12.09	90.92	5.5	33.52	7.9	25.4	0.56
F10	02 Mar 2023	27	11.98	91.11	5.3	33.53	7.9	25.4	0.52
F10	02 Mar 2023	28	11.86	91.17	5.1	33.56	7.9	25.5	0.49
F10	02 Mar 2023	29	11.82	90.94	4.9	33.57	7.8	25.5	0.48
F10	02 Mar 2023	30	11.74	90.79	4.7	33.59	7.8	25.5	0.47
F10	02 Mar 2023	31	11.69	90.52	4.6	33.60	7.8	25.6	0.43
F10	02 Mar 2023	32	11.64	90.94	4.5	33.60	7.8	25.6	0.42
F10	02 Mar 2023	33	11.52	90.75	4.5	33.62	7.8	25.6	0.37
F10	02 Mar 2023	34	11.56	90.30	4.4	33.62	7.8	25.6	0.34
F10	02 Mar 2023	35	11.45	89.98	4.3	33.63	7.8	25.6	0.33
F10	02 Mar 2023	36	11.43	90.05	4.2	33.63	7.8	25.6	0.29
F10	02 Mar 2023	37	11.41	90.12	4.2	33.63	7.8	25.6	0.29
F10	02 Mar 2023	38	11.39	90.52	4.2	33.63	7.8	25.6	0.28
F10	02 Mar 2023	39	11.37	90.64	4.2	33.63	7.8	25.6	0.29

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F10	02 Mar 2023	40	11.36	90.77	4.1	33.64	7.8	25.6	0.28
F10	02 Mar 2023	41	11.34	90.84	4.1	33.64	7.8	25.7	0.28
F10	02 Mar 2023	42	11.33	90.37	4.0	33.65	7.8	25.7	0.28
F10	02 Mar 2023	43	11.32	89.88	4.0	33.65	7.8	25.7	0.27
F10	02 Mar 2023	44	11.28	89.34	4.0	33.67	7.8	25.7	0.28
F10	02 Mar 2023	45	11.27	89.00	3.9	33.67	7.8	25.7	0.27
F10	02 Mar 2023	46	11.27	88.72	3.9	33.67	7.8	25.7	0.26
F10	02 Mar 2023	47	11.27	88.67	3.9	33.68	7.8	25.7	0.26
F10	02 Mar 2023	48	11.26	88.71	3.9	33.68	7.8	25.7	0.26
F10	02 Mar 2023	49	11.26	88.41	3.9	33.68	7.8	25.7	0.27
F10	02 Mar 2023	50	11.26	88.52	3.9	33.68	7.8	25.7	0.26
F10	02 Mar 2023	51	11.25	88.34	3.9	33.69	7.8	25.7	0.26
F10	02 Mar 2023	52	11.25	88.36	3.9	33.69	7.8	25.7	0.25
F10	02 Mar 2023	53	11.25	88.49	3.9	33.69	7.8	25.7	0.26
F10	02 Mar 2023	54	11.24	88.45	3.9	33.69	7.8	25.7	0.26
F10	02 Mar 2023	55	11.24	88.62	3.9	33.70	7.8	25.7	0.25
F10	02 Mar 2023	56	11.21	88.79	3.8	33.71	7.8	25.7	0.26
F10	02 Mar 2023	57	11.01	88.76	3.7	33.79	7.8	25.8	0.24
F10	02 Mar 2023	58	10.98	87.21	3.6	33.80	7.7	25.8	0.23
F10	02 Mar 2023	59	10.96	85.92	3.6	33.81	7.7	25.9	0.24
F10	02 Mar 2023	60	10.91	85.01	3.6	33.82	7.7	25.9	0.24
F10	02 Mar 2023	61	10.91	84.62	3.6	33.82	7.7	25.9	0.23
F10	02 Mar 2023	62	10.93	84.57	3.6	33.82	7.7	25.9	0.24
F11	02 Mar 2023	1	13.19	83.83	8.4	33.33	8.1	25.1	1.04
F11	02 Mar 2023	2	13.19	83.66	8.4	33.33	8.1	25.1	1.04
F11	02 Mar 2023	3	13.17	83.95	8.4	33.33	8.1	25.1	1.15
F11	02 Mar 2023	4	13.16	84.25	8.4	33.33	8.1	25.1	1.35
F11	02 Mar 2023	5	13.16	84.16	8.4	33.33	8.1	25.1	1.70
F11	02 Mar 2023	6	13.16	84.18	8.3	33.33	8.1	25.1	2.03
F11	02 Mar 2023	7	13.17	84.76	8.1	33.37	8.1	25.1	2.19
F11	02 Mar 2023	8	13.11	86.32	7.8	33.39	8.1	25.1	2.47
F11	02 Mar 2023	9	13.02	86.98	7.6	33.41	8.1	25.2	2.30
F11	02 Mar 2023	10	12.90	87.34	7.3	33.42	8.1	25.2	2.36
F11	02 Mar 2023	11	12.85	87.53	7.2	33.43	8.0	25.2	2.02
F11	02 Mar 2023	12	12.83	88.14	7.2	33.43	8.0	25.2	2.14
F11	02 Mar 2023	13	12.80	88.48	7.1	33.44	8.0	25.2	2.27
F11	02 Mar 2023	14	12.76	88.76	7.0	33.44	8.0	25.2	1.86
F11	02 Mar 2023	15	12.71	88.60	6.9	33.45	8.0	25.2	1.71
F11	02 Mar 2023	16	12.67	88.75	6.7	33.45	8.0	25.3	1.57
F11	02 Mar 2023	17	12.55	88.81	6.4	33.47	8.0	25.3	1.59
F11	02 Mar 2023	18	12.41	89.17	6.2	33.49	8.0	25.3	1.18
F11	02 Mar 2023	19	12.42	90.07	6.2	33.49	8.0	25.3	1.19
F11	02 Mar 2023	20	12.30	90.29	5.8	33.51	8.0	25.4	1.04
F11	02 Mar 2023	21	12.14	90.36	5.5	33.53	7.9	25.4	0.80
F11	02 Mar 2023	22	12.09	90.48	5.4	33.53	7.9	25.4	0.72
F11	02 Mar 2023	23	12.07	90.89	5.3	33.53	7.9	25.4	0.70
F11	02 Mar 2023	24	12.03	90.74	5.3	33.54	7.9	25.4	0.62
F11	02 Mar 2023	25	11.95	90.69	5.2	33.55	7.9	25.5	0.55
F11	02 Mar 2023	26	11.88	90.76	5.1	33.55	7.9	25.5	0.50
F11	02 Mar 2023	27	11.84	91.08	5.0	33.57	7.9	25.5	0.53
F11	02 Mar 2023	28	11.76	90.76	4.8	33.58	7.8	25.5	0.47
F11	02 Mar 2023	29	11.71	90.56	4.8	33.58	7.8	25.5	0.45
F11	02 Mar 2023	30	11.65	90.60	4.7	33.59	7.8	25.6	0.40
F11	02 Mar 2023	31	11.56	90.53	4.6	33.60	7.8	25.6	0.37
F11	02 Mar 2023	32	11.48	91.17	4.4	33.62	7.8	25.6	0.38
F11	02 Mar 2023	33	11.42	91.36	4.3	33.63	7.8	25.6	0.34
F11	02 Mar 2023	34	11.41	91.48	4.3	33.64	7.8	25.6	0.33
F11	02 Mar 2023	35	11.40	91.44	4.3	33.64	7.8	25.6	0.33
F11	02 Mar 2023	36	11.41	91.53	4.3	33.64	7.8	25.6	0.35
F11	02 Mar 2023	37	11.39	91.42	4.2	33.65	7.8	25.7	0.33

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F11	02 Mar 2023	38	11.40	91.34	4.2	33.65	7.8	25.7	0.32
F11	02 Mar 2023	39	11.38	91.30	4.2	33.66	7.8	25.7	0.31
F11	02 Mar 2023	40	11.37	91.14	4.1	33.66	7.8	25.7	0.31
F11	02 Mar 2023	41	11.36	91.19	4.0	33.66	7.8	25.7	0.31
F11	02 Mar 2023	42	11.36	91.22	4.1	33.66	7.8	25.7	0.31
F11	02 Mar 2023	43	11.35	91.19	4.1	33.66	7.8	25.7	0.29
F11	02 Mar 2023	44	11.32	91.10	4.0	33.67	7.8	25.7	0.28
F11	02 Mar 2023	45	11.29	90.70	3.9	33.68	7.8	25.7	0.29
F11	02 Mar 2023	46	11.28	90.18	3.9	33.69	7.8	25.7	0.30
F11	02 Mar 2023	47	11.27	89.83	3.9	33.69	7.8	25.7	0.29
F11	02 Mar 2023	48	11.26	89.38	3.9	33.69	7.8	25.7	0.28
F11	02 Mar 2023	49	11.26	89.41	3.9	33.69	7.8	25.7	0.27
F11	02 Mar 2023	50	11.25	89.50	3.9	33.69	7.8	25.7	0.27
F11	02 Mar 2023	51	11.24	89.45	3.9	33.70	7.8	25.7	0.27
F11	02 Mar 2023	52	11.20	89.15	3.8	33.71	7.8	25.7	0.27
F11	02 Mar 2023	53	11.10	89.12	3.7	33.75	7.8	25.8	0.26
F11	02 Mar 2023	54	11.03	88.87	3.7	33.78	7.8	25.8	0.26
F11	02 Mar 2023	55	11.03	88.68	3.6	33.77	7.8	25.8	0.26
F11	02 Mar 2023	56	10.88	88.36	3.6	33.83	7.7	25.9	0.23
F11	02 Mar 2023	57	10.83	87.91	3.5	33.85	7.7	25.9	0.23
F11	02 Mar 2023	58	10.82	87.75	3.5	33.85	7.7	25.9	0.22
F11	02 Mar 2023	59	10.82	87.67	3.5	33.85	7.7	25.9	0.23
F11	02 Mar 2023	60	10.81	87.42	3.5	33.85	7.7	25.9	0.23
F11	02 Mar 2023	61	10.82	87.15	3.5	33.85	7.7	25.9	0.22
F12	02 Mar 2023	1	13.24	81.34	8.6	33.26	8.1	25.0	1.31
F12	02 Mar 2023	2	13.24	81.23	8.6	33.26	8.1	25.0	1.31
F12	02 Mar 2023	3	13.22	81.08	8.5	33.26	8.1	25.0	1.60
F12	02 Mar 2023	4	13.21	81.03	8.6	33.26	8.1	25.0	1.98
F12	02 Mar 2023	5	13.21	80.99	8.5	33.26	8.1	25.0	2.27
F12	02 Mar 2023	6	13.19	81.14	8.4	33.26	8.1	25.0	2.89
F12	02 Mar 2023	7	13.18	81.25	8.1	33.31	8.1	25.0	2.88
F12	02 Mar 2023	8	13.09	84.39	7.8	33.38	8.1	25.1	2.78
F12	02 Mar 2023	9	13.00	86.25	7.6	33.40	8.1	25.2	2.66
F12	02 Mar 2023	10	12.90	87.62	7.3	33.42	8.1	25.2	2.13
F12	02 Mar 2023	11	12.84	87.47	7.2	33.43	8.0	25.2	2.00
F12	02 Mar 2023	12	12.75	87.85	7.0	33.44	8.0	25.2	1.83
F12	02 Mar 2023	13	12.56	88.61	6.7	33.47	8.0	25.3	1.49
F12	02 Mar 2023	14	12.51	89.16	6.5	33.48	8.0	25.3	1.36
F12	02 Mar 2023	15	12.43	89.46	6.3	33.49	8.0	25.3	1.27
F12	02 Mar 2023	16	12.36	89.69	6.2	33.50	8.0	25.4	1.34
F12	02 Mar 2023	17	12.37	90.13	6.2	33.50	8.0	25.4	1.21
F12	02 Mar 2023	18	12.15	90.67	5.8	33.53	7.9	25.4	0.93
F12	02 Mar 2023	19	12.07	90.65	5.5	33.54	7.9	25.4	1.05
F12	02 Mar 2023	20	12.02	90.97	5.4	33.55	7.9	25.5	0.80
F12	02 Mar 2023	21	11.99	91.22	5.2	33.56	7.9	25.5	0.80
F12	02 Mar 2023	22	11.97	91.30	5.1	33.56	7.9	25.5	0.57
F12	02 Mar 2023	23	11.95	91.42	5.1	33.57	7.9	25.5	0.50
F12	02 Mar 2023	24	11.93	91.60	5.0	33.57	7.9	25.5	0.47
F12	02 Mar 2023	25	11.83	91.71	4.9	33.59	7.8	25.5	0.45
F12	02 Mar 2023	26	11.80	91.56	4.8	33.59	7.8	25.5	0.44
F12	02 Mar 2023	27	11.76	91.61	4.8	33.59	7.8	25.5	0.38
F12	02 Mar 2023	28	11.75	91.72	4.8	33.60	7.8	25.5	0.41
F12	02 Mar 2023	29	11.76	91.81	4.8	33.60	7.8	25.5	0.40
F12	02 Mar 2023	30	11.68	91.80	4.6	33.61	7.8	25.6	0.37
F12	02 Mar 2023	31	11.64	91.77	4.6	33.61	7.8	25.6	0.35
F12	02 Mar 2023	32	11.63	91.80	4.6	33.62	7.8	25.6	0.34
F12	02 Mar 2023	33	11.63	91.77	4.6	33.62	7.8	25.6	0.36
F12	02 Mar 2023	34	11.63	91.72	4.5	33.62	7.8	25.6	0.41
F12	02 Mar 2023	35	11.62	91.60	4.5	33.62	7.8	25.6	0.36
F12	02 Mar 2023	36	11.60	91.60	4.5	33.62	7.8	25.6	0.35

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F12	02 Mar 2023	37	11.58	91.45	4.4	33.62	7.8	25.6	0.34
F12	02 Mar 2023	38	11.56	91.41	4.4	33.63	7.8	25.6	0.34
F12	02 Mar 2023	39	11.54	91.49	4.4	33.63	7.8	25.6	0.33
F12	02 Mar 2023	40	11.47	91.48	4.3	33.64	7.8	25.6	0.36
F12	02 Mar 2023	41	11.45	91.36	4.2	33.64	7.8	25.6	0.32
F12	02 Mar 2023	42	11.46	91.44	4.2	33.64	7.8	25.6	0.30
F12	02 Mar 2023	43	11.29	91.46	4.1	33.67	7.8	25.7	0.28
F12	02 Mar 2023	44	11.21	91.14	3.9	33.70	7.8	25.7	0.26
F12	02 Mar 2023	45	11.19	90.57	3.8	33.70	7.8	25.7	0.25
F12	02 Mar 2023	46	11.18	90.24	3.8	33.70	7.8	25.7	0.25
F12	02 Mar 2023	47	11.17	90.16	3.8	33.70	7.8	25.7	0.24
F12	02 Mar 2023	48	11.17	90.02	3.8	33.71	7.8	25.7	0.24
F12	02 Mar 2023	49	11.16	89.97	3.8	33.71	7.8	25.7	0.24
F12	02 Mar 2023	50	11.16	89.89	3.8	33.71	7.8	25.7	0.23
F12	02 Mar 2023	51	11.14	89.75	3.8	33.72	7.8	25.8	0.23
F12	02 Mar 2023	52	11.13	89.50	3.8	33.72	7.8	25.8	0.24
F12	02 Mar 2023	53	11.12	89.31	3.8	33.73	7.8	25.8	0.24
F12	02 Mar 2023	54	11.10	89.59	3.7	33.74	7.8	25.8	0.23
F12	02 Mar 2023	55	11.02	88.95	3.7	33.77	7.8	25.8	0.24
F12	02 Mar 2023	56	10.97	88.10	3.6	33.80	7.7	25.8	0.23
F12	02 Mar 2023	57	10.96	87.62	3.6	33.80	7.7	25.9	0.23
F12	02 Mar 2023	58	10.94	87.08	3.6	33.81	7.7	25.9	0.23
F12	02 Mar 2023	59	10.93	86.95	3.6	33.81	7.7	25.9	0.24
F12	02 Mar 2023	60	10.92	86.28	3.5	33.82	7.7	25.9	0.23
F12	02 Mar 2023	61	10.91	86.11	3.5	33.82	7.7	25.9	0.23
F12	02 Mar 2023	62	10.92	85.91	3.6	33.82	7.7	25.9	0.23
F13	02 Mar 2023	1	13.28	83.43	8.6	33.30	8.1	25.0	1.45
F13	02 Mar 2023	2	13.28	83.37	8.6	33.28	8.1	25.0	1.35
F13	02 Mar 2023	3	13.28	78.48	8.6	33.31	8.1	25.0	1.70
F13	02 Mar 2023	4	13.28	81.17	8.6	33.31	8.1	25.0	2.21
F13	02 Mar 2023	5	13.28	82.74	8.5	33.31	8.1	25.0	2.72
F13	02 Mar 2023	6	13.28	83.18	8.4	33.32	8.1	25.0	2.79
F13	02 Mar 2023	7	13.29	83.29	8.5	33.32	8.1	25.0	3.11
F13	02 Mar 2023	8	13.28	83.50	8.3	33.33	8.1	25.0	3.43
F13	02 Mar 2023	9	13.20	84.25	8.1	33.37	8.1	25.1	3.03
F13	02 Mar 2023	10	13.16	86.14	7.9	33.38	8.1	25.1	2.78
F13	02 Mar 2023	11	12.99	86.46	7.5	33.41	8.1	25.2	2.66
F13	02 Mar 2023	12	12.80	87.64	7.1	33.44	8.0	25.2	2.13
F13	02 Mar 2023	13	12.77	88.93	6.9	33.44	8.0	25.2	1.78
F13	02 Mar 2023	14	12.51	89.29	6.5	33.48	8.0	25.3	1.50
F13	02 Mar 2023	15	12.37	89.68	6.1	33.50	8.0	25.4	1.15
F13	02 Mar 2023	16	12.22	89.99	5.8	33.52	7.9	25.4	1.14
F13	02 Mar 2023	17	12.10	90.28	5.5	33.54	7.9	25.4	1.06
F13	02 Mar 2023	18	11.90	90.77	5.3	33.57	7.9	25.5	0.91
F13	02 Mar 2023	19	11.94	91.14	5.2	33.56	7.9	25.5	0.85
F13	02 Mar 2023	20	11.77	91.22	5.1	33.59	7.9	25.5	0.67
F13	02 Mar 2023	21	11.72	91.23	4.9	33.59	7.8	25.6	0.57
F13	02 Mar 2023	22	11.75	91.26	5.0	33.59	7.8	25.5	0.61
F13	02 Mar 2023	23	11.66	91.25	4.8	33.60	7.8	25.6	0.65
F13	02 Mar 2023	24	11.58	91.32	4.7	33.62	7.8	25.6	0.63
F13	02 Mar 2023	25	11.55	91.68	4.6	33.62	7.8	25.6	0.52
F13	02 Mar 2023	26	11.47	92.06	4.5	33.64	7.8	25.6	0.43
F13	02 Mar 2023	27	11.44	92.13	4.4	33.64	7.8	25.6	0.37
F13	02 Mar 2023	28	11.44	92.22	4.4	33.65	7.8	25.6	0.33
F13	02 Mar 2023	29	11.39	92.19	4.3	33.65	7.8	25.7	0.33
F13	02 Mar 2023	30	11.36	92.23	4.2	33.66	7.8	25.7	0.30
F13	02 Mar 2023	31	11.36	92.34	4.2	33.66	7.8	25.7	0.33
F13	02 Mar 2023	32	11.37	92.39	4.3	33.66	7.8	25.7	0.30
F13	02 Mar 2023	33	11.35	92.33	4.3	33.66	7.8	25.7	0.31
F13	02 Mar 2023	34	11.34	92.38	4.2	33.66	7.8	25.7	0.28

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F13	02 Mar 2023	35	11.31	92.40	4.2	33.67	7.8	25.7	0.30
F13	02 Mar 2023	36	11.30	92.33	4.2	33.67	7.8	25.7	0.28
F13	02 Mar 2023	37	11.29	92.36	4.2	33.67	7.8	25.7	0.28
F13	02 Mar 2023	38	11.29	92.30	4.2	33.67	7.8	25.7	0.29
F13	02 Mar 2023	39	11.29	92.40	4.2	33.67	7.8	25.7	0.32
F13	02 Mar 2023	40	11.27	92.38	4.1	33.68	7.8	25.7	0.30
F13	02 Mar 2023	41	11.26	92.29	4.1	33.69	7.8	25.7	0.27
F13	02 Mar 2023	42	11.24	92.30	4.1	33.69	7.8	25.7	0.26
F13	02 Mar 2023	43	11.23	92.32	4.1	33.69	7.8	25.7	0.27
F13	02 Mar 2023	44	11.23	92.25	4.1	33.69	7.8	25.7	0.26
F13	02 Mar 2023	45	11.23	92.24	4.0	33.69	7.8	25.7	0.26
F13	02 Mar 2023	46	11.22	92.21	4.0	33.69	7.8	25.7	0.25
F13	02 Mar 2023	47	11.18	92.16	3.9	33.70	7.8	25.7	0.25
F13	02 Mar 2023	48	11.12	91.89	3.9	33.73	7.8	25.8	0.25
F13	02 Mar 2023	49	11.09	92.02	3.8	33.73	7.8	25.8	0.25
F13	02 Mar 2023	50	10.95	91.36	3.6	33.78	7.7	25.8	0.23
F13	02 Mar 2023	51	10.94	89.61	3.6	33.79	7.7	25.8	0.24
F13	02 Mar 2023	52	10.94	89.53	3.6	33.79	7.7	25.8	0.23
F13	02 Mar 2023	53	10.93	89.21	3.6	33.79	7.7	25.8	0.24
F13	02 Mar 2023	54	10.91	88.80	3.6	33.79	7.7	25.9	0.24
F13	02 Mar 2023	55	10.90	88.58	3.5	33.80	7.7	25.9	0.24
F13	02 Mar 2023	56	10.88	88.38	3.5	33.80	7.7	25.9	0.22
F13	02 Mar 2023	57	10.87	88.18	3.5	33.81	7.7	25.9	0.23
F13	02 Mar 2023	58	10.88	87.89	3.5	33.81	7.7	25.9	0.23
F13	02 Mar 2023	59	10.87	87.96	3.5	33.81	7.7	25.9	0.23
F13	02 Mar 2023	60	10.87	87.68	3.5	33.81	7.7	25.9	0.23
F13	02 Mar 2023	61	10.87	87.36	3.5	33.81	7.7	25.9	0.23
F13	02 Mar 2023	62	10.87	87.48	3.5	33.81	7.7	25.9	0.23
F14	02 Mar 2023	1	13.16	80.24	8.4	33.25	8.1	25.0	1.33
F14	02 Mar 2023	2	13.16	80.21	8.4	33.25	8.1	25.0	1.52
F14	02 Mar 2023	3	13.15	80.22	8.4	33.25	8.1	25.0	1.97
F14	02 Mar 2023	4	13.15	80.21	8.4	33.26	8.1	25.0	2.45
F14	02 Mar 2023	5	13.15	80.01	8.3	33.26	8.1	25.0	2.84
F14	02 Mar 2023	6	13.15	80.06	8.3	33.26	8.1	25.0	2.99
F14	02 Mar 2023	7	13.14	79.96	8.2	33.28	8.1	25.0	3.25
F14	02 Mar 2023	8	13.11	79.90	8.0	33.32	8.1	25.1	3.18
F14	02 Mar 2023	9	13.07	81.43	7.9	33.33	8.1	25.1	3.01
F14	02 Mar 2023	10	13.06	82.94	7.8	33.34	8.1	25.1	3.18
F14	02 Mar 2023	11	13.05	83.57	7.8	33.34	8.1	25.1	2.99
F14	02 Mar 2023	12	12.96	83.99	7.5	33.37	8.1	25.1	3.08
F14	02 Mar 2023	13	12.84	84.25	7.2	33.40	8.1	25.2	2.90
F14	02 Mar 2023	14	12.72	84.75	6.9	33.42	8.0	25.2	2.34
F14	02 Mar 2023	15	12.57	85.43	6.6	33.46	8.0	25.3	2.11
F14	02 Mar 2023	16	12.45	86.54	6.4	33.49	8.0	25.3	2.09
F14	02 Mar 2023	17	12.45	87.44	6.3	33.48	8.0	25.3	1.89
F14	02 Mar 2023	18	12.29	87.79	6.0	33.52	8.0	25.4	1.60
F14	02 Mar 2023	19	12.07	88.02	5.6	33.55	7.9	25.5	1.44
F14	02 Mar 2023	20	11.89	88.61	5.3	33.58	7.9	25.5	1.06
F14	02 Mar 2023	21	11.81	88.98	5.1	33.59	7.9	25.5	0.79
F14	02 Mar 2023	22	11.77	89.34	4.9	33.60	7.9	25.5	0.77
F14	02 Mar 2023	23	11.53	89.79	4.6	33.64	7.8	25.6	0.64
F14	02 Mar 2023	24	11.45	89.95	4.4	33.65	7.8	25.6	0.54
F14	02 Mar 2023	25	11.42	90.01	4.4	33.65	7.8	25.6	0.50
F14	02 Mar 2023	26	11.42	89.94	4.3	33.66	7.8	25.7	0.47
F14	02 Mar 2023	27	11.41	90.04	4.3	33.66	7.8	25.7	0.43
F14	02 Mar 2023	28	11.40	90.26	4.3	33.66	7.8	25.7	0.45
F14	02 Mar 2023	29	11.39	90.32	4.3	33.66	7.8	25.7	0.43
F14	02 Mar 2023	30	11.40	90.43	4.3	33.66	7.8	25.7	0.44
F14	02 Mar 2023	31	11.36	90.44	4.3	33.67	7.8	25.7	0.46
F14	02 Mar 2023	32	11.35	90.52	4.3	33.67	7.8	25.7	0.41

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F14	02 Mar 2023	33	11.34	90.42	4.2	33.67	7.8	25.7	0.44
F14	02 Mar 2023	34	11.33	90.49	4.2	33.67	7.8	25.7	0.45
F14	02 Mar 2023	35	11.32	90.56	4.2	33.68	7.8	25.7	0.41
F14	02 Mar 2023	36	11.28	90.47	4.1	33.68	7.8	25.7	0.38
F14	02 Mar 2023	37	11.24	90.18	4.1	33.69	7.8	25.7	0.34
F14	02 Mar 2023	38	11.23	89.90	4.1	33.70	7.8	25.7	0.36
F14	02 Mar 2023	39	11.22	90.16	4.0	33.70	7.8	25.7	0.34
F14	02 Mar 2023	40	11.22	90.52	4.0	33.70	7.8	25.7	0.33
F14	02 Mar 2023	41	11.21	90.73	4.0	33.70	7.8	25.7	0.34
F14	02 Mar 2023	42	11.20	90.57	4.0	33.70	7.8	25.7	0.34
F14	02 Mar 2023	43	11.19	90.46	4.0	33.71	7.8	25.7	0.33
F14	02 Mar 2023	44	11.15	90.50	3.9	33.72	7.8	25.8	0.34
F14	02 Mar 2023	45	11.11	90.32	3.9	33.73	7.8	25.8	0.33
F14	02 Mar 2023	46	11.12	90.39	3.9	33.73	7.8	25.8	0.31
F14	02 Mar 2023	47	11.06	90.34	3.8	33.74	7.8	25.8	0.33
F14	02 Mar 2023	48	11.00	90.40	3.8	33.77	7.8	25.8	0.30
F14	02 Mar 2023	49	11.02	90.48	3.7	33.76	7.8	25.8	0.28
F14	02 Mar 2023	50	10.94	90.43	3.7	33.78	7.8	25.8	0.27
F14	02 Mar 2023	51	10.87	90.44	3.6	33.81	7.7	25.9	0.27
F14	02 Mar 2023	52	10.80	90.23	3.5	33.83	7.7	25.9	0.28
F14	02 Mar 2023	53	10.75	89.83	3.4	33.85	7.7	25.9	0.25
F14	02 Mar 2023	54	10.75	89.51	3.4	33.85	7.7	25.9	0.25
F14	02 Mar 2023	55	10.74	89.45	3.4	33.85	7.7	25.9	0.26
F14	02 Mar 2023	56	10.71	89.35	3.4	33.86	7.7	25.9	0.24
F14	02 Mar 2023	57	10.71	89.06	3.4	33.86	7.7	25.9	0.25
F14	02 Mar 2023	58	10.70	88.96	3.4	33.87	7.7	25.9	0.25
F14	02 Mar 2023	59	10.69	88.80	3.4	33.87	7.7	25.9	0.25
F14	02 Mar 2023	60	10.68	88.62	3.4	33.87	7.7	26.0	0.26
F14	02 Mar 2023	61	10.68	88.32	3.4	33.87	7.7	26.0	0.24
F15	03 Mar 2023	1	13.43	83.21	9.0	33.28	8.2	25.0	1.43
F15	03 Mar 2023	2	13.42	82.76	9.0	33.28	8.2	25.0	1.46
F15	03 Mar 2023	3	13.37	82.81	9.0	33.29	8.2	25.0	1.62
F15	03 Mar 2023	4	13.29	82.57	9.1	33.30	8.2	25.0	2.07
F15	03 Mar 2023	5	13.28	81.78	9.0	33.31	8.2	25.0	3.03
F15	03 Mar 2023	6	13.29	81.41	8.8	33.33	8.2	25.0	3.27
F15	03 Mar 2023	7	13.29	82.56	8.7	33.34	8.2	25.0	3.48
F15	03 Mar 2023	8	13.27	83.12	8.7	33.34	8.2	25.1	3.60
F15	03 Mar 2023	9	13.23	83.73	8.6	33.35	8.2	25.1	3.33
F15	03 Mar 2023	10	13.23	84.35	8.6	33.35	8.1	25.1	3.54
F15	03 Mar 2023	11	13.20	84.62	8.6	33.35	8.1	25.1	3.24
F15	03 Mar 2023	12	13.19	84.83	8.6	33.35	8.1	25.1	3.45
F15	03 Mar 2023	13	13.18	84.72	8.6	33.35	8.1	25.1	3.73
F15	03 Mar 2023	14	13.17	85.08	8.5	33.35	8.1	25.1	3.56
F15	03 Mar 2023	15	13.17	84.85	8.5	33.35	8.1	25.1	3.64
F15	03 Mar 2023	16	13.17	84.97	8.5	33.35	8.1	25.1	3.44
F15	03 Mar 2023	17	13.16	85.34	8.4	33.35	8.1	25.1	3.77
F15	03 Mar 2023	18	13.16	85.32	8.4	33.35	8.1	25.1	4.40
F15	03 Mar 2023	19	13.16	85.40	8.4	33.35	8.1	25.1	3.51
F15	03 Mar 2023	20	13.16	85.42	8.4	33.35	8.1	25.1	3.31
F15	03 Mar 2023	21	13.16	85.59	8.4	33.35	8.1	25.1	3.31
F15	03 Mar 2023	22	13.15	85.48	8.4	33.35	8.1	25.1	3.39
F15	03 Mar 2023	23	13.15	86.22	8.3	33.35	8.1	25.1	3.29
F15	03 Mar 2023	24	13.15	86.13	8.3	33.35	8.1	25.1	3.69
F15	03 Mar 2023	25	13.15	86.19	8.3	33.35	8.1	25.1	3.16
F15	03 Mar 2023	26	13.15	86.38	8.3	33.36	8.1	25.1	2.87
F15	03 Mar 2023	27	13.14	86.57	8.2	33.36	8.1	25.1	2.93
F15	03 Mar 2023	28	13.14	86.80	8.2	33.37	8.1	25.1	2.88
F15	03 Mar 2023	29	13.14	87.38	8.1	33.37	8.1	25.1	2.84
F15	03 Mar 2023	30	13.12	87.99	8.1	33.37	8.1	25.1	2.61
F15	03 Mar 2023	31	13.08	88.37	7.8	33.39	8.1	25.1	2.34

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F15	03 Mar 2023	32	12.93	88.82	7.4	33.41	8.1	25.2	1.95
F15	03 Mar 2023	33	12.78	89.34	7.0	33.44	8.1	25.2	1.72
F15	03 Mar 2023	34	12.65	89.82	6.7	33.45	8.0	25.3	1.43
F15	03 Mar 2023	35	12.54	90.23	6.5	33.45	8.0	25.3	1.52
F15	03 Mar 2023	36	12.46	90.52	6.4	33.46	8.0	25.3	1.58
F15	03 Mar 2023	37	12.42	90.63	6.4	33.46	8.0	25.3	1.47
F15	03 Mar 2023	38	12.37	90.88	6.3	33.46	8.0	25.3	1.33
F15	03 Mar 2023	39	12.36	91.14	6.3	33.46	8.0	25.3	1.36
F15	03 Mar 2023	40	12.34	91.41	6.2	33.47	8.0	25.3	1.27
F15	03 Mar 2023	41	12.26	91.41	6.1	33.47	8.0	25.4	1.18
F15	03 Mar 2023	42	12.16	91.47	5.9	33.48	8.0	25.4	1.10
F15	03 Mar 2023	43	12.00	91.53	5.7	33.50	7.9	25.4	1.01
F15	03 Mar 2023	44	11.91	91.71	5.5	33.51	7.9	25.4	0.97
F15	03 Mar 2023	45	11.73	92.05	5.3	33.53	7.9	25.5	1.00
F15	03 Mar 2023	46	11.61	92.26	5.1	33.54	7.9	25.5	0.82
F15	03 Mar 2023	47	11.55	92.59	5.0	33.55	7.9	25.5	0.76
F15	03 Mar 2023	48	11.55	92.61	4.9	33.56	7.8	25.6	0.73
F15	03 Mar 2023	49	11.52	92.53	4.9	33.57	7.8	25.6	0.73
F15	03 Mar 2023	50	11.48	92.47	4.8	33.58	7.8	25.6	0.69
F15	03 Mar 2023	51	11.43	92.66	4.6	33.59	7.8	25.6	0.66
F15	03 Mar 2023	52	11.39	92.63	4.4	33.61	7.8	25.6	0.60
F15	03 Mar 2023	53	11.38	92.51	4.2	33.62	7.8	25.6	0.57
F15	03 Mar 2023	54	11.38	92.18	4.2	33.62	7.8	25.6	0.56
F15	03 Mar 2023	55	11.40	92.05	4.2	33.63	7.8	25.6	0.58
F15	03 Mar 2023	56	11.36	91.73	4.1	33.65	7.8	25.7	0.56
F15	03 Mar 2023	57	11.32	91.89	4.1	33.66	7.8	25.7	0.54
F15	03 Mar 2023	58	11.29	91.88	4.0	33.67	7.8	25.7	0.54
F15	03 Mar 2023	59	11.27	91.76	4.0	33.68	7.8	25.7	0.54
F15	03 Mar 2023	60	11.26	91.51	3.9	33.68	7.8	25.7	0.52
F15	03 Mar 2023	61	11.26	91.42	3.9	33.68	7.8	25.7	0.52
F15	03 Mar 2023	62	11.25	91.29	3.9	33.69	7.8	25.7	0.52
F15	03 Mar 2023	63	11.24	91.17	3.9	33.69	7.8	25.7	0.53
F15	03 Mar 2023	64	11.24	90.93	3.9	33.70	7.8	25.7	0.53
F15	03 Mar 2023	65	11.22	90.92	3.9	33.70	7.8	25.7	0.52
F15	03 Mar 2023	66	11.16	90.89	3.8	33.73	7.8	25.8	0.52
F15	03 Mar 2023	67	11.09	90.65	3.8	33.76	7.8	25.8	0.53
F15	03 Mar 2023	68	11.04	90.94	3.8	33.78	7.8	25.8	0.51
F15	03 Mar 2023	69	11.03	91.25	3.8	33.78	7.8	25.8	0.52
F15	03 Mar 2023	70	11.01	91.39	3.8	33.79	7.8	25.8	0.49
F15	03 Mar 2023	71	10.98	91.60	3.7	33.80	7.8	25.8	0.49
F15	03 Mar 2023	72	10.96	91.84	3.7	33.80	7.8	25.8	0.48
F15	03 Mar 2023	73	10.92	91.89	3.6	33.81	7.8	25.9	0.48
F15	03 Mar 2023	74	10.83	91.78	3.5	33.84	7.8	25.9	0.48
F15	03 Mar 2023	75	10.80	91.45	3.4	33.85	7.8	25.9	0.47
F15	03 Mar 2023	76	10.74	90.95	3.4	33.87	7.8	25.9	0.46
F15	03 Mar 2023	77	10.73	90.35	3.4	33.88	7.8	25.9	0.47
F15	03 Mar 2023	78	10.72	89.88	3.4	33.88	7.7	26.0	0.49
F15	03 Mar 2023	79	10.72	89.74	3.4	33.88	7.7	26.0	0.49
F15	03 Mar 2023	80	10.71	89.60	3.4	33.88	7.7	26.0	0.48
F15	03 Mar 2023	81	10.71	89.41	3.3	33.89	7.7	26.0	0.48
F15	03 Mar 2023	82	10.71	85.56	3.3	33.89	7.7	26.0	0.47
F16	03 Mar 2023	1	13.48	80.72	9.0	33.28	8.2	25.0	1.44
F16	03 Mar 2023	2	13.46	83.42	9.0	33.28	8.2	25.0	1.52
F16	03 Mar 2023	3	13.43	83.17	8.9	33.28	8.2	25.0	1.69
F16	03 Mar 2023	4	13.33	82.87	9.0	33.28	8.2	25.0	2.35
F16	03 Mar 2023	5	13.27	82.25	9.0	33.29	8.2	25.0	2.83
F16	03 Mar 2023	6	13.25	82.14	8.9	33.29	8.2	25.0	3.40
F16	03 Mar 2023	7	13.24	82.19	8.8	33.31	8.2	25.0	3.97
F16	03 Mar 2023	8	13.24	82.30	8.7	33.32	8.2	25.0	4.10
F16	03 Mar 2023	9	13.22	83.12	8.5	33.35	8.1	25.1	3.82

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F16	03 Mar 2023	10	13.20	84.72	8.5	33.35	8.1	25.1	4.01
F16	03 Mar 2023	11	13.19	84.81	8.5	33.35	8.1	25.1	3.57
F16	03 Mar 2023	12	13.18	85.19	8.4	33.35	8.1	25.1	3.48
F16	03 Mar 2023	13	13.18	85.62	8.4	33.35	8.1	25.1	3.73
F16	03 Mar 2023	14	13.17	86.04	8.4	33.36	8.1	25.1	3.90
F16	03 Mar 2023	15	13.17	86.59	8.4	33.36	8.1	25.1	3.51
F16	03 Mar 2023	16	13.17	86.33	8.4	33.36	8.1	25.1	3.48
F16	03 Mar 2023	17	13.17	86.40	8.4	33.36	8.1	25.1	3.35
F16	03 Mar 2023	18	13.18	86.68	8.3	33.37	8.1	25.1	3.00
F16	03 Mar 2023	19	13.18	84.47	8.3	33.37	8.1	25.1	2.81
F16	03 Mar 2023	20	13.18	87.01	8.2	33.37	8.1	25.1	2.84
F16	03 Mar 2023	21	13.18	87.94	8.2	33.37	8.1	25.1	2.95
F16	03 Mar 2023	22	13.18	88.03	8.2	33.37	8.1	25.1	2.66
F16	03 Mar 2023	23	13.18	87.97	8.2	33.37	8.1	25.1	2.46
F16	03 Mar 2023	24	13.17	88.29	8.2	33.37	8.1	25.1	2.35
F16	03 Mar 2023	25	13.17	88.24	8.1	33.37	8.1	25.1	2.27
F16	03 Mar 2023	26	13.14	88.35	8.1	33.38	8.1	25.1	2.42
F16	03 Mar 2023	27	13.15	88.57	8.0	33.38	8.1	25.1	2.48
F16	03 Mar 2023	28	12.97	88.70	7.3	33.41	8.1	25.2	2.23
F16	03 Mar 2023	29	12.65	89.22	6.8	33.45	8.1	25.3	1.91
F16	03 Mar 2023	30	12.49	90.15	6.4	33.46	8.0	25.3	1.49
F16	03 Mar 2023	31	12.52	90.39	6.4	33.45	8.0	25.3	1.41
F16	03 Mar 2023	32	12.34	90.77	6.2	33.47	8.0	25.3	1.33
F16	03 Mar 2023	33	12.24	91.28	6.0	33.48	8.0	25.4	1.22
F16	03 Mar 2023	34	12.15	91.46	5.9	33.48	7.9	25.4	1.21
F16	03 Mar 2023	35	12.10	91.62	5.8	33.49	7.9	25.4	1.25
F16	03 Mar 2023	36	11.97	91.86	5.6	33.51	7.9	25.4	1.12
F16	03 Mar 2023	37	11.94	91.94	5.5	33.51	7.9	25.4	0.98
F16	03 Mar 2023	38	11.91	92.07	5.5	33.52	7.9	25.5	1.00
F16	03 Mar 2023	39	11.83	92.20	5.3	33.53	7.9	25.5	0.89
F16	03 Mar 2023	40	11.65	92.20	5.2	33.55	7.9	25.5	0.82
F16	03 Mar 2023	41	11.57	92.33	5.0	33.56	7.9	25.5	0.77
F16	03 Mar 2023	42	11.47	92.55	4.9	33.58	7.9	25.6	0.71
F16	03 Mar 2023	43	11.42	92.68	4.7	33.60	7.8	25.6	0.67
F16	03 Mar 2023	44	11.42	92.83	4.6	33.61	7.8	25.6	0.62
F16	03 Mar 2023	45	11.42	92.81	4.6	33.61	7.8	25.6	0.61
F16	03 Mar 2023	46	11.42	92.77	4.5	33.61	7.8	25.6	0.61
F16	03 Mar 2023	47	11.40	92.56	4.5	33.62	7.8	25.6	0.61
F16	03 Mar 2023	48	11.36	92.45	4.5	33.62	7.8	25.6	0.59
F16	03 Mar 2023	49	11.32	92.56	4.3	33.63	7.8	25.6	0.57
F16	03 Mar 2023	50	11.29	92.52	4.1	33.65	7.8	25.7	0.54
F16	03 Mar 2023	51	11.29	92.15	3.9	33.65	7.8	25.7	0.52
F16	03 Mar 2023	52	11.28	91.67	3.9	33.66	7.8	25.7	0.51
F16	03 Mar 2023	53	11.27	91.47	3.9	33.66	7.8	25.7	0.51
F16	03 Mar 2023	54	11.27	91.49	3.9	33.67	7.8	25.7	0.55
F16	03 Mar 2023	55	11.26	91.47	3.9	33.67	7.8	25.7	0.52
F16	03 Mar 2023	56	11.26	91.59	4.0	33.67	7.8	25.7	0.51
F16	03 Mar 2023	57	11.25	91.62	4.0	33.67	7.8	25.7	0.51
F16	03 Mar 2023	58	11.24	91.72	4.0	33.68	7.8	25.7	0.50
F16	03 Mar 2023	59	11.24	91.83	3.9	33.69	7.8	25.7	0.50
F16	03 Mar 2023	60	11.24	91.72	3.9	33.70	7.8	25.7	0.51
F16	03 Mar 2023	61	11.24	91.65	3.9	33.70	7.8	25.7	0.51
F16	03 Mar 2023	62	11.22	91.55	3.9	33.71	7.8	25.7	0.52
F16	03 Mar 2023	63	11.23	91.41	3.9	33.70	7.8	25.7	0.51
F16	03 Mar 2023	64	11.22	91.39	3.9	33.71	7.8	25.7	0.51
F16	03 Mar 2023	65	11.14	91.24	3.8	33.73	7.8	25.8	0.50
F16	03 Mar 2023	66	11.07	91.13	3.7	33.76	7.8	25.8	0.50
F16	03 Mar 2023	67	10.98	90.97	3.7	33.78	7.8	25.8	0.50
F16	03 Mar 2023	68	10.95	90.74	3.6	33.80	7.8	25.9	0.49
F16	03 Mar 2023	69	10.93	90.74	3.6	33.81	7.8	25.9	0.50
F16	03 Mar 2023	70	10.95	90.79	3.6	33.80	7.8	25.9	0.49

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F16	03 Mar 2023	71	10.84	91.10	3.6	33.85	7.8	25.9	0.49
F16	03 Mar 2023	72	10.82	91.58	3.6	33.86	7.8	25.9	0.48
F16	03 Mar 2023	73	10.81	91.90	3.6	33.86	7.8	25.9	0.47
F16	03 Mar 2023	74	10.80	92.07	3.5	33.86	7.8	25.9	0.46
F16	03 Mar 2023	75	10.77	92.06	3.5	33.87	7.8	25.9	0.46
F16	03 Mar 2023	76	10.72	91.83	3.4	33.88	7.8	26.0	0.46
F16	03 Mar 2023	77	10.67	91.12	3.3	33.90	7.7	26.0	0.47
F16	03 Mar 2023	78	10.66	90.62	3.3	33.90	7.7	26.0	0.46
F16	03 Mar 2023	79	10.68	90.45	3.3	33.89	7.7	26.0	0.47
F16	03 Mar 2023	80	10.65	89.59	3.3	33.90	7.7	26.0	0.47
F16	03 Mar 2023	81	10.65	89.04	3.3	33.90	7.7	26.0	0.46
F16	03 Mar 2023	82	10.65	89.04	3.3	33.90	7.7	26.0	0.47
F16	03 Mar 2023	83	10.65	88.90	3.3	33.90	7.7	26.0	0.46
F17	03 Mar 2023	1	13.46	84.55	8.9	33.27	8.2	25.0	1.33
F17	03 Mar 2023	2	13.40	83.98	8.9	33.27	8.2	25.0	1.62
F17	03 Mar 2023	3	13.33	83.78	8.9	33.27	8.2	25.0	2.08
F17	03 Mar 2023	4	13.32	83.15	9.0	33.27	8.2	25.0	2.40
F17	03 Mar 2023	5	13.30	82.87	8.9	33.27	8.2	25.0	2.54
F17	03 Mar 2023	6	13.28	81.07	8.9	33.27	8.2	25.0	3.27
F17	03 Mar 2023	7	13.26	80.49	8.9	33.28	8.2	25.0	3.97
F17	03 Mar 2023	8	13.25	81.91	8.9	33.28	8.2	25.0	4.36
F17	03 Mar 2023	9	13.25	82.70	8.7	33.30	8.2	25.0	4.29
F17	03 Mar 2023	10	13.25	82.58	8.6	33.33	8.1	25.1	4.33
F17	03 Mar 2023	11	13.26	84.20	8.4	33.35	8.1	25.1	4.11
F17	03 Mar 2023	12	13.26	85.07	8.3	33.36	8.1	25.1	3.67
F17	03 Mar 2023	13	13.24	85.93	8.3	33.36	8.1	25.1	3.46
F17	03 Mar 2023	14	13.24	86.24	8.3	33.36	8.1	25.1	3.45
F17	03 Mar 2023	15	13.24	86.51	8.4	33.37	8.1	25.1	3.75
F17	03 Mar 2023	16	13.25	86.89	8.3	33.37	8.1	25.1	3.53
F17	03 Mar 2023	17	13.25	86.96	8.2	33.37	8.1	25.1	3.49
F17	03 Mar 2023	18	13.24	87.16	8.3	33.37	8.1	25.1	3.09
F17	03 Mar 2023	19	13.23	87.15	8.3	33.37	8.1	25.1	3.13
F17	03 Mar 2023	20	13.23	87.20	8.2	33.37	8.1	25.1	2.86
F17	03 Mar 2023	21	13.22	87.43	8.2	33.37	8.1	25.1	2.96
F17	03 Mar 2023	22	13.21	87.88	8.2	33.37	8.1	25.1	2.69
F17	03 Mar 2023	23	13.21	88.20	8.2	33.37	8.1	25.1	2.72
F17	03 Mar 2023	24	13.19	88.24	8.1	33.38	8.1	25.1	2.63
F17	03 Mar 2023	25	13.15	88.36	8.0	33.38	8.1	25.1	2.48
F17	03 Mar 2023	26	13.06	88.54	7.7	33.39	8.1	25.1	2.25
F17	03 Mar 2023	27	13.00	89.13	7.6	33.40	8.1	25.2	2.28
F17	03 Mar 2023	28	12.84	88.85	7.1	33.43	8.1	25.2	1.88
F17	03 Mar 2023	29	12.54	89.16	6.5	33.47	8.0	25.3	1.40
F17	03 Mar 2023	30	12.46	90.47	6.3	33.47	8.0	25.3	1.42
F17	03 Mar 2023	31	12.42	90.93	6.2	33.47	8.0	25.3	1.13
F17	03 Mar 2023	32	12.34	91.14	6.1	33.47	8.0	25.3	1.10
F17	03 Mar 2023	33	12.23	91.23	6.0	33.48	8.0	25.4	1.23
F17	03 Mar 2023	34	12.19	91.22	5.9	33.49	7.9	25.4	1.20
F17	03 Mar 2023	35	12.12	91.46	5.8	33.49	7.9	25.4	1.28
F17	03 Mar 2023	36	12.14	91.62	5.8	33.49	7.9	25.4	1.08
F17	03 Mar 2023	37	12.07	91.61	5.7	33.50	7.9	25.4	1.05
F17	03 Mar 2023	38	12.03	91.76	5.6	33.51	7.9	25.4	1.01
F17	03 Mar 2023	39	12.01	91.78	5.5	33.51	7.9	25.4	0.95
F17	03 Mar 2023	40	11.98	91.84	5.4	33.52	7.9	25.4	0.94
F17	03 Mar 2023	41	11.93	91.83	5.3	33.53	7.9	25.5	0.98
F17	03 Mar 2023	42	11.97	91.82	5.3	33.52	7.9	25.4	0.85
F17	03 Mar 2023	43	11.74	91.97	5.0	33.57	7.9	25.5	0.81
F17	03 Mar 2023	44	11.54	91.86	4.6	33.60	7.8	25.6	0.69
F17	03 Mar 2023	45	11.52	91.96	4.5	33.60	7.8	25.6	0.62
F17	03 Mar 2023	46	11.49	92.04	4.5	33.61	7.8	25.6	0.60
F17	03 Mar 2023	47	11.45	92.11	4.5	33.61	7.8	25.6	0.58

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F17	03 Mar 2023	48	11.42	92.20	4.5	33.61	7.8	25.6	0.60
F17	03 Mar 2023	49	11.38	92.35	4.5	33.62	7.8	25.6	0.59
F17	03 Mar 2023	50	11.37	92.51	4.4	33.63	7.8	25.6	0.62
F17	03 Mar 2023	51	11.35	92.54	4.3	33.65	7.8	25.7	0.58
F17	03 Mar 2023	52	11.33	92.47	4.2	33.67	7.8	25.7	0.54
F17	03 Mar 2023	53	11.31	92.13	4.1	33.67	7.8	25.7	0.53
F17	03 Mar 2023	54	11.30	92.03	4.0	33.68	7.8	25.7	0.53
F17	03 Mar 2023	55	11.30	91.78	4.0	33.68	7.8	25.7	0.52
F17	03 Mar 2023	56	11.30	91.54	3.9	33.68	7.8	25.7	0.51
F17	03 Mar 2023	57	11.29	91.29	3.9	33.68	7.8	25.7	0.52
F17	03 Mar 2023	58	11.27	91.33	3.9	33.68	7.8	25.7	0.51
F17	03 Mar 2023	59	11.26	91.40	3.9	33.69	7.8	25.7	0.51
F17	03 Mar 2023	60	11.23	91.43	3.9	33.70	7.8	25.7	0.52
F17	03 Mar 2023	61	11.21	91.42	3.9	33.72	7.8	25.7	0.50
F17	03 Mar 2023	62	11.20	91.41	3.9	33.72	7.8	25.7	0.50
F17	03 Mar 2023	63	11.15	91.34	3.8	33.74	7.8	25.8	0.49
F17	03 Mar 2023	64	11.13	91.22	3.8	33.74	7.8	25.8	0.49
F17	03 Mar 2023	65	11.08	91.16	3.8	33.76	7.8	25.8	0.49
F17	03 Mar 2023	66	11.07	91.11	3.8	33.76	7.8	25.8	0.48
F17	03 Mar 2023	67	11.03	91.09	3.7	33.78	7.8	25.8	0.47
F17	03 Mar 2023	68	10.99	91.12	3.7	33.79	7.8	25.8	0.47
F17	03 Mar 2023	69	10.99	91.25	3.7	33.79	7.8	25.8	0.47
F17	03 Mar 2023	70	10.91	91.33	3.7	33.81	7.8	25.9	0.47
F17	03 Mar 2023	71	10.86	91.58	3.6	33.82	7.8	25.9	0.46
F17	03 Mar 2023	72	10.81	91.76	3.6	33.83	7.8	25.9	0.45
F17	03 Mar 2023	73	10.82	91.78	3.6	33.83	7.8	25.9	0.44
F17	03 Mar 2023	74	10.75	91.43	3.5	33.84	7.8	25.9	0.44
F17	03 Mar 2023	75	10.73	91.04	3.4	33.86	7.8	25.9	0.44
F17	03 Mar 2023	76	10.70	91.22	3.4	33.89	7.8	26.0	0.44
F17	03 Mar 2023	77	10.69	91.04	3.4	33.89	7.7	26.0	0.45
F17	03 Mar 2023	78	10.65	90.57	3.3	33.91	7.7	26.0	0.45
F17	03 Mar 2023	79	10.62	89.91	3.2	33.92	7.7	26.0	0.45
F17	03 Mar 2023	80	10.61	89.64	3.2	33.92	7.7	26.0	0.45
F17	03 Mar 2023	81	10.61	89.49	3.2	33.92	7.7	26.0	0.45
F17	03 Mar 2023	82	10.61	88.77	3.2	33.92	7.7	26.0	0.44
F18	03 Mar 2023	1	13.52	84.27	8.8	33.25	8.2	24.9	1.37
F18	03 Mar 2023	2	13.51	84.34	8.8	33.25	8.2	24.9	1.41
F18	03 Mar 2023	3	13.48	84.03	8.8	33.25	8.2	24.9	1.46
F18	03 Mar 2023	4	13.35	83.66	8.9	33.25	8.2	25.0	2.25
F18	03 Mar 2023	5	13.33	83.08	8.9	33.25	8.2	25.0	2.75
F18	03 Mar 2023	6	13.31	82.91	8.9	33.25	8.2	25.0	3.18
F18	03 Mar 2023	7	13.30	82.56	8.8	33.26	8.2	25.0	3.39
F18	03 Mar 2023	8	13.30	82.32	8.8	33.27	8.2	25.0	4.46
F18	03 Mar 2023	9	13.28	82.69	8.7	33.30	8.2	25.0	4.51
F18	03 Mar 2023	10	13.27	83.24	8.6	33.31	8.2	25.0	4.42
F18	03 Mar 2023	11	13.25	83.61	8.5	33.32	8.1	25.0	4.22
F18	03 Mar 2023	12	13.23	83.94	8.5	33.33	8.1	25.1	4.29
F18	03 Mar 2023	13	13.23	84.40	8.4	33.33	8.1	25.1	4.66
F18	03 Mar 2023	14	13.22	84.64	8.4	33.34	8.1	25.1	4.19
F18	03 Mar 2023	15	13.23	85.64	8.3	33.35	8.1	25.1	3.51
F18	03 Mar 2023	16	13.23	86.32	8.3	33.35	8.1	25.1	3.59
F18	03 Mar 2023	17	13.24	86.61	8.3	33.36	8.1	25.1	3.31
F18	03 Mar 2023	18	13.24	87.09	8.3	33.37	8.1	25.1	3.20
F18	03 Mar 2023	19	13.23	87.53	8.2	33.36	8.1	25.1	3.26
F18	03 Mar 2023	20	13.23	87.44	8.2	33.37	8.1	25.1	2.93
F18	03 Mar 2023	21	13.22	87.42	8.2	33.37	8.1	25.1	2.93
F18	03 Mar 2023	22	13.21	88.05	8.2	33.37	8.1	25.1	2.70
F18	03 Mar 2023	23	13.21	88.03	8.2	33.37	8.1	25.1	2.96
F18	03 Mar 2023	24	13.20	88.24	8.0	33.37	8.1	25.1	2.63
F18	03 Mar 2023	25	13.15	88.63	7.9	33.38	8.1	25.1	2.36

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F18	03 Mar 2023	26	13.11	89.26	7.8	33.39	8.1	25.1	1.98
F18	03 Mar 2023	27	12.98	88.86	7.3	33.41	8.1	25.2	1.79
F18	03 Mar 2023	28	12.62	89.28	6.6	33.46	8.0	25.3	1.73
F18	03 Mar 2023	29	12.45	90.12	6.3	33.47	8.0	25.3	1.40
F18	03 Mar 2023	30	12.30	90.66	6.0	33.48	8.0	25.4	1.31
F18	03 Mar 2023	31	12.12	91.21	5.8	33.50	7.9	25.4	1.17
F18	03 Mar 2023	32	12.06	91.46	5.6	33.51	7.9	25.4	1.10
F18	03 Mar 2023	33	12.02	91.52	5.6	33.51	7.9	25.4	1.14
F18	03 Mar 2023	34	12.00	91.67	5.5	33.52	7.9	25.4	1.06
F18	03 Mar 2023	35	11.98	91.85	5.5	33.52	7.9	25.4	1.01
F18	03 Mar 2023	36	11.95	91.89	5.4	33.53	7.9	25.5	0.98
F18	03 Mar 2023	37	11.89	91.97	5.3	33.53	7.9	25.5	1.01
F18	03 Mar 2023	38	11.86	91.97	5.3	33.54	7.9	25.5	1.00
F18	03 Mar 2023	39	11.81	91.90	5.2	33.55	7.9	25.5	0.91
F18	03 Mar 2023	40	11.76	91.93	5.0	33.55	7.9	25.5	0.93
F18	03 Mar 2023	41	11.56	91.98	4.8	33.58	7.9	25.6	0.81
F18	03 Mar 2023	42	11.50	92.08	4.6	33.59	7.8	25.6	0.70
F18	03 Mar 2023	43	11.44	92.04	4.5	33.61	7.8	25.6	0.66
F18	03 Mar 2023	44	11.43	92.07	4.5	33.61	7.8	25.6	0.65
F18	03 Mar 2023	45	11.42	92.09	4.5	33.61	7.8	25.6	0.64
F18	03 Mar 2023	46	11.41	92.17	4.4	33.62	7.8	25.6	0.65
F18	03 Mar 2023	47	11.40	92.14	4.4	33.62	7.8	25.6	0.65
F18	03 Mar 2023	48	11.38	92.29	4.4	33.63	7.8	25.6	0.63
F18	03 Mar 2023	49	11.33	92.35	4.3	33.64	7.8	25.7	0.61
F18	03 Mar 2023	50	11.31	92.41	4.2	33.65	7.8	25.7	0.60
F18	03 Mar 2023	51	11.30	92.41	4.1	33.66	7.8	25.7	0.59
F18	03 Mar 2023	52	11.28	92.23	4.1	33.67	7.8	25.7	0.59
F18	03 Mar 2023	53	11.25	92.09	4.0	33.69	7.8	25.7	0.58
F18	03 Mar 2023	54	11.24	91.95	3.9	33.69	7.8	25.7	0.57
F18	03 Mar 2023	55	11.20	91.77	3.9	33.70	7.8	25.7	0.58
F18	03 Mar 2023	56	11.18	91.73	3.9	33.70	7.8	25.7	0.61
F18	03 Mar 2023	57	11.14	91.85	3.9	33.72	7.8	25.8	0.57
F18	03 Mar 2023	58	11.13	91.96	3.9	33.72	7.8	25.8	0.56
F18	03 Mar 2023	59	11.13	92.13	3.8	33.72	7.8	25.8	0.56
F18	03 Mar 2023	60	11.12	92.12	3.8	33.72	7.8	25.8	0.55
F18	03 Mar 2023	61	11.11	92.12	3.8	33.73	7.8	25.8	0.55
F18	03 Mar 2023	62	11.11	91.90	3.8	33.73	7.8	25.8	0.56
F18	03 Mar 2023	63	11.10	91.78	3.8	33.73	7.8	25.8	0.55
F18	03 Mar 2023	64	11.09	91.69	3.7	33.75	7.8	25.8	0.55
F18	03 Mar 2023	65	11.04	91.49	3.7	33.77	7.8	25.8	0.55
F18	03 Mar 2023	66	11.00	91.29	3.7	33.79	7.8	25.8	0.54
F18	03 Mar 2023	67	10.93	91.27	3.6	33.81	7.8	25.9	0.54
F18	03 Mar 2023	68	10.91	91.30	3.6	33.82	7.8	25.9	0.54
F18	03 Mar 2023	69	10.91	91.37	3.6	33.82	7.8	25.9	0.54
F18	03 Mar 2023	70	10.90	91.46	3.6	33.82	7.8	25.9	0.54
F18	03 Mar 2023	71	10.80	91.52	3.6	33.85	7.8	25.9	0.54
F18	03 Mar 2023	72	10.74	91.62	3.6	33.86	7.8	25.9	0.52
F18	03 Mar 2023	73	10.71	92.14	3.6	33.87	7.8	25.9	0.51
F18	03 Mar 2023	74	10.68	92.54	3.5	33.87	7.8	26.0	0.51
F18	03 Mar 2023	75	10.66	92.52	3.4	33.88	7.8	26.0	0.51
F18	03 Mar 2023	76	10.66	92.28	3.4	33.88	7.8	26.0	0.51
F18	03 Mar 2023	77	10.66	91.99	3.4	33.89	7.8	26.0	0.52
F18	03 Mar 2023	78	10.66	91.76	3.4	33.89	7.8	26.0	0.51
F18	03 Mar 2023	79	10.66	91.60	3.4	33.89	7.7	26.0	0.51
F18	03 Mar 2023	80	10.64	91.60	3.4	33.91	7.7	26.0	0.51
F18	03 Mar 2023	81	10.61	91.37	3.3	33.93	7.7	26.0	0.52
F18	03 Mar 2023	82	10.61	90.21	3.3	33.94	7.7	26.0	0.52
F18	03 Mar 2023	83	10.61	89.20	3.3	33.93	7.7	26.0	0.52
F19	03 Mar 2023	1	13.39	82.65	8.9	33.24	8.2	24.9	1.58
F19	03 Mar 2023	2	13.37	82.51	8.9	33.24	8.2	25.0	1.70

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F19	03 Mar 2023	3	13.34	82.22	8.9	33.24	8.2	25.0	1.86
F19	03 Mar 2023	4	13.32	82.42	8.9	33.24	8.2	25.0	2.33
F19	03 Mar 2023	5	13.31	82.47	8.9	33.24	8.2	25.0	2.60
F19	03 Mar 2023	6	13.30	82.61	8.8	33.24	8.2	25.0	3.00
F19	03 Mar 2023	7	13.31	82.45	8.8	33.25	8.2	25.0	3.48
F19	03 Mar 2023	8	13.31	82.38	8.7	33.27	8.2	25.0	3.57
F19	03 Mar 2023	9	13.30	83.32	8.7	33.28	8.2	25.0	4.26
F19	03 Mar 2023	10	13.29	83.51	8.6	33.29	8.2	25.0	4.11
F19	03 Mar 2023	11	13.28	84.63	8.6	33.30	8.1	25.0	3.62
F19	03 Mar 2023	12	13.26	84.93	8.5	33.32	8.1	25.0	3.86
F19	03 Mar 2023	13	13.25	85.54	8.4	33.33	8.1	25.0	3.85
F19	03 Mar 2023	14	13.23	85.83	8.3	33.34	8.1	25.1	3.28
F19	03 Mar 2023	15	13.24	85.99	8.3	33.35	8.1	25.1	3.23
F19	03 Mar 2023	16	13.23	86.64	8.3	33.35	8.1	25.1	3.13
F19	03 Mar 2023	17	13.22	87.40	8.3	33.35	8.1	25.1	3.37
F19	03 Mar 2023	18	13.20	87.38	8.3	33.35	8.1	25.1	3.17
F19	03 Mar 2023	19	13.21	87.28	8.3	33.36	8.1	25.1	2.94
F19	03 Mar 2023	20	13.21	87.51	8.2	33.36	8.1	25.1	3.11
F19	03 Mar 2023	21	13.22	87.69	8.2	33.36	8.1	25.1	3.09
F19	03 Mar 2023	22	13.21	87.88	8.2	33.36	8.1	25.1	2.88
F19	03 Mar 2023	23	13.20	87.75	8.2	33.37	8.1	25.1	2.64
F19	03 Mar 2023	24	13.19	87.91	8.2	33.37	8.1	25.1	2.65
F19	03 Mar 2023	25	13.18	88.73	8.1	33.37	8.1	25.1	2.46
F19	03 Mar 2023	26	13.12	88.81	7.8	33.38	8.1	25.1	2.00
F19	03 Mar 2023	27	13.06	89.21	7.5	33.40	8.1	25.1	1.80
F19	03 Mar 2023	28	12.76	89.23	6.9	33.45	8.1	25.2	1.55
F19	03 Mar 2023	29	12.62	90.42	6.4	33.46	8.0	25.3	1.37
F19	03 Mar 2023	30	12.29	91.18	6.0	33.49	8.0	25.4	1.25
F19	03 Mar 2023	31	12.13	91.44	5.7	33.51	7.9	25.4	1.17
F19	03 Mar 2023	32	11.94	91.57	5.4	33.53	7.9	25.5	1.12
F19	03 Mar 2023	33	11.84	91.79	5.2	33.54	7.9	25.5	0.93
F19	03 Mar 2023	34	11.81	92.04	5.2	33.54	7.9	25.5	0.85
F19	03 Mar 2023	35	11.76	92.16	5.1	33.55	7.9	25.5	0.86
F19	03 Mar 2023	36	11.71	92.22	5.0	33.56	7.9	25.5	0.87
F19	03 Mar 2023	37	11.63	92.20	4.9	33.57	7.9	25.5	0.78
F19	03 Mar 2023	38	11.53	92.25	4.7	33.59	7.8	25.6	0.70
F19	03 Mar 2023	39	11.43	92.29	4.5	33.61	7.8	25.6	0.66
F19	03 Mar 2023	40	11.38	92.29	4.4	33.62	7.8	25.6	0.64
F19	03 Mar 2023	41	11.38	92.40	4.4	33.62	7.8	25.6	0.62
F19	03 Mar 2023	42	11.36	92.33	4.4	33.63	7.8	25.6	0.62
F19	03 Mar 2023	43	11.34	92.31	4.4	33.64	7.8	25.7	0.62
F19	03 Mar 2023	44	11.34	92.40	4.4	33.64	7.8	25.7	0.60
F19	03 Mar 2023	45	11.33	92.41	4.3	33.65	7.8	25.7	0.59
F19	03 Mar 2023	46	11.32	92.36	4.2	33.66	7.8	25.7	0.59
F19	03 Mar 2023	47	11.29	92.31	4.2	33.67	7.8	25.7	0.58
F19	03 Mar 2023	48	11.28	92.21	4.1	33.68	7.8	25.7	0.56
F19	03 Mar 2023	49	11.27	92.16	4.1	33.68	7.8	25.7	0.56
F19	03 Mar 2023	50	11.27	92.05	4.0	33.68	7.8	25.7	0.55
F19	03 Mar 2023	51	11.27	91.98	4.0	33.68	7.8	25.7	0.56
F19	03 Mar 2023	52	11.27	91.94	4.0	33.68	7.8	25.7	0.59
F19	03 Mar 2023	53	11.27	91.97	4.0	33.68	7.8	25.7	0.55
F19	03 Mar 2023	54	11.27	91.92	4.0	33.68	7.8	25.7	0.55
F19	03 Mar 2023	55	11.26	91.90	4.1	33.68	7.8	25.7	0.57
F19	03 Mar 2023	56	11.26	91.93	4.1	33.68	7.8	25.7	0.59
F19	03 Mar 2023	57	11.25	91.93	4.0	33.68	7.8	25.7	0.58
F19	03 Mar 2023	58	11.19	92.05	4.0	33.70	7.8	25.7	0.56
F19	03 Mar 2023	59	11.19	92.20	3.9	33.71	7.8	25.7	0.55
F19	03 Mar 2023	60	11.18	92.20	3.9	33.72	7.8	25.7	0.53
F19	03 Mar 2023	61	11.17	92.03	3.9	33.72	7.8	25.8	0.54
F19	03 Mar 2023	62	11.15	91.90	3.9	33.73	7.8	25.8	0.54
F19	03 Mar 2023	63	11.15	91.87	3.9	33.73	7.8	25.8	0.52

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F19	03 Mar 2023	64	11.13	91.69	3.8	33.73	7.8	25.8	0.55
F19	03 Mar 2023	65	11.06	91.96	3.8	33.74	7.8	25.8	0.55
F19	03 Mar 2023	66	11.03	92.07	3.7	33.75	7.8	25.8	0.54
F19	03 Mar 2023	67	11.00	92.27	3.7	33.76	7.8	25.8	0.52
F19	03 Mar 2023	68	10.98	92.30	3.7	33.78	7.8	25.8	0.52
F19	03 Mar 2023	69	10.96	92.21	3.6	33.79	7.8	25.8	0.51
F19	03 Mar 2023	70	10.93	92.00	3.6	33.81	7.8	25.9	0.51
F19	03 Mar 2023	71	10.86	91.72	3.6	33.84	7.8	25.9	0.51
F19	03 Mar 2023	72	10.76	91.59	3.5	33.88	7.8	25.9	0.50
F19	03 Mar 2023	73	10.69	91.63	3.4	33.90	7.8	26.0	0.50
F19	03 Mar 2023	74	10.66	91.88	3.4	33.91	7.8	26.0	0.49
F19	03 Mar 2023	75	10.61	92.12	3.4	33.93	7.8	26.0	0.49
F19	03 Mar 2023	76	10.59	91.99	3.3	33.93	7.7	26.0	0.48
F19	03 Mar 2023	77	10.59	91.39	3.3	33.93	7.7	26.0	0.47
F19	03 Mar 2023	78	10.59	91.07	3.3	33.93	7.7	26.0	0.49
F19	03 Mar 2023	79	10.59	91.34	3.3	33.94	7.7	26.0	0.48
F19	03 Mar 2023	80	10.58	90.98	3.3	33.94	7.7	26.0	0.49
F19	03 Mar 2023	81	10.58	90.49	3.3	33.94	7.7	26.0	0.48
F19	03 Mar 2023	82	10.58	90.01	3.2	33.94	7.7	26.0	0.49
F19	03 Mar 2023	83	10.58	89.46	3.2	33.94	7.7	26.0	0.49
F19	03 Mar 2023	84	10.58	89.25	2.6	33.94	7.7	26.0	0.20
F20	03 Mar 2023	1	13.44	83.09	8.9	33.23	8.2	24.9	1.32
F20	03 Mar 2023	2	13.42	83.09	8.9	33.23	8.2	24.9	1.32
F20	03 Mar 2023	3	13.38	83.03	8.9	33.23	8.2	24.9	1.53
F20	03 Mar 2023	4	13.34	83.16	8.9	33.23	8.2	25.0	2.05
F20	03 Mar 2023	5	13.33	82.89	8.9	33.23	8.2	25.0	2.31
F20	03 Mar 2023	6	13.32	82.30	8.9	33.23	8.2	25.0	2.80
F20	03 Mar 2023	7	13.32	82.13	8.8	33.24	8.2	25.0	3.10
F20	03 Mar 2023	8	13.32	82.80	8.8	33.25	8.2	25.0	3.51
F20	03 Mar 2023	9	13.31	83.11	8.8	33.27	8.2	25.0	3.96
F20	03 Mar 2023	10	13.30	83.83	8.7	33.28	8.2	25.0	4.28
F20	03 Mar 2023	11	13.29	84.45	8.6	33.29	8.2	25.0	3.87
F20	03 Mar 2023	12	13.26	84.74	8.5	33.31	8.1	25.0	3.70
F20	03 Mar 2023	13	13.25	85.82	8.5	33.32	8.1	25.0	3.63
F20	03 Mar 2023	14	13.23	85.81	8.4	33.33	8.1	25.1	3.40
F20	03 Mar 2023	15	13.21	85.99	8.3	33.34	8.1	25.1	3.21
F20	03 Mar 2023	16	13.18	86.91	8.2	33.36	8.1	25.1	2.81
F20	03 Mar 2023	17	13.15	87.11	8.0	33.37	8.1	25.1	2.65
F20	03 Mar 2023	18	13.09	87.82	7.8	33.38	8.1	25.1	2.35
F20	03 Mar 2023	19	12.98	88.03	7.6	33.41	8.1	25.2	2.04
F20	03 Mar 2023	20	12.94	89.15	7.5	33.41	8.1	25.2	1.87
F20	03 Mar 2023	21	12.94	89.45	7.5	33.41	8.1	25.2	1.88
F20	03 Mar 2023	22	12.93	89.45	7.5	33.41	8.1	25.2	1.96
F20	03 Mar 2023	23	12.93	89.63	7.5	33.41	8.1	25.2	1.82
F20	03 Mar 2023	24	12.93	89.48	7.5	33.41	8.1	25.2	1.83
F20	03 Mar 2023	25	12.93	89.57	7.4	33.41	8.1	25.2	1.92
F20	03 Mar 2023	26	12.92	89.60	7.4	33.42	8.1	25.2	1.71
F20	03 Mar 2023	27	12.92	89.65	7.4	33.42	8.1	25.2	1.74
F20	03 Mar 2023	28	12.92	89.90	7.4	33.42	8.1	25.2	1.76
F20	03 Mar 2023	29	12.92	89.87	7.4	33.42	8.1	25.2	1.73
F20	03 Mar 2023	30	12.91	90.07	7.2	33.42	8.1	25.2	1.70
F20	03 Mar 2023	31	12.84	90.27	7.0	33.43	8.1	25.2	1.58
F20	03 Mar 2023	32	12.72	90.55	6.7	33.45	8.0	25.2	1.41
F20	03 Mar 2023	33	12.56	90.69	6.3	33.46	8.0	25.3	1.32
F20	03 Mar 2023	34	12.24	91.12	5.9	33.50	8.0	25.4	1.22
F20	03 Mar 2023	35	12.11	91.61	5.6	33.51	7.9	25.4	1.08
F20	03 Mar 2023	36	11.88	91.90	5.3	33.54	7.9	25.5	0.94
F20	03 Mar 2023	37	11.80	92.18	5.1	33.54	7.9	25.5	0.85
F20	03 Mar 2023	38	11.87	92.44	5.2	33.53	7.9	25.5	0.86
F20	03 Mar 2023	39	11.66	92.43	5.0	33.57	7.9	25.5	0.81

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F20	03 Mar 2023	40	11.60	92.47	4.9	33.57	7.8	25.6	0.78
F20	03 Mar 2023	41	11.54	92.50	4.8	33.59	7.8	25.6	0.74
F20	03 Mar 2023	42	11.45	92.64	4.7	33.61	7.8	25.6	0.72
F20	03 Mar 2023	43	11.41	92.74	4.7	33.62	7.8	25.6	0.69
F20	03 Mar 2023	44	11.41	92.82	4.6	33.62	7.8	25.6	0.67
F20	03 Mar 2023	45	11.36	92.91	4.6	33.63	7.8	25.6	0.66
F20	03 Mar 2023	46	11.35	92.87	4.5	33.64	7.8	25.7	0.63
F20	03 Mar 2023	47	11.33	92.88	4.5	33.65	7.8	25.7	0.62
F20	03 Mar 2023	48	11.29	92.79	4.3	33.66	7.8	25.7	0.63
F20	03 Mar 2023	49	11.24	92.73	4.2	33.67	7.8	25.7	0.58
F20	03 Mar 2023	50	11.23	92.73	4.1	33.68	7.8	25.7	0.57
F20	03 Mar 2023	51	11.23	92.72	4.1	33.69	7.8	25.7	0.57
F20	03 Mar 2023	52	11.23	92.71	4.1	33.69	7.8	25.7	0.57
F20	03 Mar 2023	53	11.18	92.66	4.0	33.70	7.8	25.7	0.55
F20	03 Mar 2023	54	11.16	92.64	4.0	33.70	7.8	25.7	0.56
F20	03 Mar 2023	55	11.15	92.64	4.0	33.71	7.8	25.7	0.54
F20	03 Mar 2023	56	11.14	92.67	4.0	33.71	7.8	25.7	0.54
F20	03 Mar 2023	57	11.13	92.61	3.9	33.71	7.8	25.8	0.54
F20	03 Mar 2023	58	11.13	92.53	3.9	33.72	7.8	25.8	0.54
F20	03 Mar 2023	59	11.12	92.53	3.9	33.72	7.8	25.8	0.53
F20	03 Mar 2023	60	11.11	92.65	3.9	33.72	7.8	25.8	0.54
F20	03 Mar 2023	61	11.11	92.61	3.9	33.72	7.8	25.8	0.52
F20	03 Mar 2023	62	11.11	92.56	3.8	33.72	7.8	25.8	0.53
F20	03 Mar 2023	63	11.10	92.54	3.8	33.73	7.8	25.8	0.55
F20	03 Mar 2023	64	11.09	92.55	3.8	33.73	7.8	25.8	0.54
F20	03 Mar 2023	65	11.06	92.53	3.8	33.74	7.8	25.8	0.53
F20	03 Mar 2023	66	11.04	92.32	3.7	33.74	7.8	25.8	0.53
F20	03 Mar 2023	67	11.03	92.49	3.7	33.74	7.8	25.8	0.53
F20	03 Mar 2023	68	11.03	92.54	3.7	33.74	7.8	25.8	0.54
F20	03 Mar 2023	69	11.03	92.55	3.7	33.74	7.8	25.8	0.52
F20	03 Mar 2023	70	11.00	92.51	3.7	33.76	7.8	25.8	0.55
F20	03 Mar 2023	71	10.90	92.45	3.6	33.80	7.8	25.9	0.53
F20	03 Mar 2023	72	10.82	92.18	3.5	33.84	7.8	25.9	0.51
F20	03 Mar 2023	73	10.75	91.99	3.4	33.87	7.8	25.9	0.51
F20	03 Mar 2023	74	10.71	92.04	3.4	33.89	7.8	26.0	0.50
F20	03 Mar 2023	75	10.65	92.08	3.4	33.91	7.8	26.0	0.50
F20	03 Mar 2023	76	10.62	91.96	3.3	33.93	7.7	26.0	0.49
F20	03 Mar 2023	77	10.60	91.50	3.3	33.94	7.7	26.0	0.50
F20	03 Mar 2023	78	10.59	90.40	3.3	33.94	7.7	26.0	0.49
F20	03 Mar 2023	79	10.59	90.16	3.3	33.94	7.7	26.0	0.52
F20	03 Mar 2023	80	10.59	89.75	3.3	33.94	7.7	26.0	0.51
F20	03 Mar 2023	81	10.58	89.45	3.2	33.95	7.7	26.0	0.50
F20	03 Mar 2023	82	10.58	89.10	3.2	33.95	7.7	26.0	0.49
F20	03 Mar 2023	83	10.58	87.80	3.2	33.95	7.7	26.0	0.49
F21	03 Mar 2023	1	13.50	82.74	8.9	33.20	8.2	24.9	1.39
F21	03 Mar 2023	2	13.49	82.55	8.9	33.20	8.2	24.9	1.32
F21	03 Mar 2023	3	13.41	82.46	8.9	33.21	8.2	24.9	1.57
F21	03 Mar 2023	4	13.36	82.00	8.9	33.21	8.2	24.9	2.12
F21	03 Mar 2023	5	13.37	81.44	8.8	33.22	8.2	24.9	2.53
F21	03 Mar 2023	6	13.37	81.90	8.8	33.23	8.2	25.0	3.05
F21	03 Mar 2023	7	13.35	83.41	8.8	33.23	8.2	25.0	3.44
F21	03 Mar 2023	8	13.32	82.98	8.7	33.26	8.2	25.0	3.45
F21	03 Mar 2023	9	13.29	83.53	8.7	33.27	8.2	25.0	3.60
F21	03 Mar 2023	10	13.27	84.01	8.7	33.27	8.2	25.0	3.53
F21	03 Mar 2023	11	13.26	84.55	8.6	33.29	8.2	25.0	3.41
F21	03 Mar 2023	12	13.25	84.81	8.6	33.30	8.1	25.0	3.45
F21	03 Mar 2023	13	13.23	85.69	8.5	33.31	8.1	25.0	3.40
F21	03 Mar 2023	14	13.21	85.86	8.3	33.34	8.1	25.1	3.15
F21	03 Mar 2023	15	13.17	86.17	8.2	33.36	8.1	25.1	2.96
F21	03 Mar 2023	16	13.15	87.38	8.1	33.36	8.1	25.1	2.75

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F21	03 Mar 2023	17	13.15	87.90	8.1	33.36	8.1	25.1	2.63
F21	03 Mar 2023	18	13.14	87.99	8.0	33.37	8.1	25.1	2.66
F21	03 Mar 2023	19	13.04	87.69	7.8	33.39	8.1	25.1	2.57
F21	03 Mar 2023	20	12.93	87.83	7.4	33.41	8.1	25.2	2.27
F21	03 Mar 2023	21	12.90	88.60	7.4	33.42	8.1	25.2	1.97
F21	03 Mar 2023	22	12.91	89.17	7.3	33.42	8.1	25.2	1.93
F21	03 Mar 2023	23	12.83	89.14	7.2	33.43	8.1	25.2	1.74
F21	03 Mar 2023	24	12.79	89.29	7.0	33.44	8.0	25.2	1.82
F21	03 Mar 2023	25	12.76	89.72	7.0	33.44	8.0	25.2	1.79
F21	03 Mar 2023	26	12.76	90.26	7.0	33.44	8.0	25.2	1.57
F21	03 Mar 2023	27	12.73	90.25	6.9	33.45	8.0	25.2	1.50
F21	03 Mar 2023	28	12.69	90.28	6.8	33.45	8.0	25.3	1.61
F21	03 Mar 2023	29	12.68	90.44	6.8	33.45	8.0	25.3	1.44
F21	03 Mar 2023	30	12.68	90.66	6.8	33.45	8.0	25.3	1.51
F21	03 Mar 2023	31	12.66	90.75	6.7	33.46	8.0	25.3	1.68
F21	03 Mar 2023	32	12.63	90.53	6.6	33.46	8.0	25.3	1.40
F21	03 Mar 2023	33	12.60	90.33	6.5	33.47	8.0	25.3	1.32
F21	03 Mar 2023	34	12.60	90.99	6.4	33.47	8.0	25.3	1.31
F21	03 Mar 2023	35	12.52	91.20	6.3	33.48	8.0	25.3	1.16
F21	03 Mar 2023	36	12.46	91.22	6.2	33.48	8.0	25.3	1.12
F21	03 Mar 2023	37	12.44	91.31	6.1	33.48	8.0	25.3	1.15
F21	03 Mar 2023	38	12.44	91.33	6.0	33.49	8.0	25.3	1.10
F21	03 Mar 2023	39	12.38	91.37	5.9	33.49	8.0	25.3	1.04
F21	03 Mar 2023	40	12.23	91.47	5.6	33.51	7.9	25.4	0.99
F21	03 Mar 2023	41	12.02	91.90	5.3	33.52	7.9	25.4	0.90
F21	03 Mar 2023	42	11.86	92.12	5.1	33.55	7.9	25.5	0.82
F21	03 Mar 2023	43	11.79	92.41	5.0	33.55	7.9	25.5	0.79
F21	03 Mar 2023	44	11.74	92.24	4.9	33.56	7.9	25.5	0.76
F21	03 Mar 2023	45	11.63	92.08	4.8	33.57	7.8	25.5	0.72
F21	03 Mar 2023	46	11.53	92.18	4.7	33.59	7.8	25.6	0.71
F21	03 Mar 2023	47	11.52	92.22	4.7	33.59	7.8	25.6	0.67
F21	03 Mar 2023	48	11.50	92.19	4.6	33.60	7.8	25.6	0.67
F21	03 Mar 2023	49	11.45	92.17	4.5	33.61	7.8	25.6	0.64
F21	03 Mar 2023	50	11.44	92.19	4.5	33.61	7.8	25.6	0.62
F21	03 Mar 2023	51	11.43	92.35	4.4	33.61	7.8	25.6	0.66
F21	03 Mar 2023	52	11.38	92.27	4.3	33.62	7.8	25.6	0.60
F21	03 Mar 2023	53	11.21	92.20	4.2	33.67	7.8	25.7	0.58
F21	03 Mar 2023	54	11.17	91.97	4.2	33.68	7.8	25.7	0.57
F21	03 Mar 2023	55	11.16	91.95	4.2	33.69	7.8	25.7	0.54
F21	03 Mar 2023	56	11.14	91.83	4.2	33.69	7.8	25.7	0.53
F21	03 Mar 2023	57	11.12	92.16	4.1	33.71	7.8	25.7	0.54
F21	03 Mar 2023	58	11.12	92.49	4.1	33.71	7.8	25.8	0.55
F21	03 Mar 2023	59	11.12	92.49	4.1	33.71	7.8	25.8	0.54
F21	03 Mar 2023	60	11.11	92.56	4.0	33.72	7.8	25.8	0.55
F21	03 Mar 2023	61	11.10	92.47	4.0	33.73	7.8	25.8	0.52
F21	03 Mar 2023	62	11.05	92.59	3.9	33.75	7.8	25.8	0.53
F21	03 Mar 2023	63	11.03	92.45	3.8	33.76	7.8	25.8	0.54
F21	03 Mar 2023	64	11.02	92.36	3.8	33.76	7.8	25.8	0.51
F21	03 Mar 2023	65	10.97	92.35	3.7	33.78	7.8	25.8	0.52
F21	03 Mar 2023	66	10.96	92.16	3.7	33.78	7.8	25.8	0.52
F21	03 Mar 2023	67	10.95	92.22	3.7	33.78	7.8	25.8	0.51
F21	03 Mar 2023	68	10.95	92.21	3.6	33.78	7.8	25.8	0.51
F21	03 Mar 2023	69	10.93	92.23	3.6	33.78	7.8	25.8	0.52
F21	03 Mar 2023	70	10.92	92.33	3.6	33.78	7.8	25.8	0.51
F21	03 Mar 2023	71	10.92	92.42	3.6	33.78	7.8	25.8	0.51
F21	03 Mar 2023	72	10.92	92.43	3.6	33.78	7.8	25.8	0.51
F21	03 Mar 2023	73	10.92	92.44	3.6	33.78	7.8	25.8	0.51
F21	03 Mar 2023	74	10.92	92.40	3.6	33.78	7.8	25.8	0.51
F21	03 Mar 2023	75	10.92	92.35	3.6	33.78	7.8	25.8	0.52
F21	03 Mar 2023	76	10.92	92.38	3.6	33.78	7.8	25.8	0.55
F21	03 Mar 2023	77	10.91	92.40	3.6	33.78	7.8	25.8	0.51

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F21	03 Mar 2023	78	10.86	92.44	3.5	33.80	7.8	25.9	0.51
F21	03 Mar 2023	79	10.83	92.41	3.5	33.81	7.7	25.9	0.52
F21	03 Mar 2023	80	10.81	92.39	3.4	33.82	7.7	25.9	0.50
F21	03 Mar 2023	81	10.71	92.34	3.4	33.87	7.7	25.9	0.49
F21	03 Mar 2023	82	10.56	92.16	3.3	33.95	7.7	26.0	0.50
F21	03 Mar 2023	83	10.53	91.94	3.2	33.96	7.7	26.0	0.49
F21	03 Mar 2023	84	10.58	91.78	3.3	33.94	7.7	26.0	0.48
F22	03 Mar 2023	1	13.42	78.89	8.9	33.11	8.2	24.8	1.53
F22	03 Mar 2023	2	13.42	78.69	8.9	33.10	8.2	24.8	1.64
F22	03 Mar 2023	3	13.39	78.76	8.9	33.12	8.2	24.9	2.06
F22	03 Mar 2023	4	13.45	78.32	8.8	33.16	8.2	24.9	2.51
F22	03 Mar 2023	5	13.47	79.40	8.7	33.20	8.2	24.9	2.48
F22	03 Mar 2023	6	13.44	81.60	8.7	33.21	8.2	24.9	2.39
F22	03 Mar 2023	7	13.41	82.76	8.6	33.22	8.2	24.9	2.36
F22	03 Mar 2023	8	13.37	84.31	8.6	33.24	8.1	25.0	2.46
F22	03 Mar 2023	9	13.32	85.05	8.5	33.27	8.1	25.0	2.52
F22	03 Mar 2023	10	13.24	85.68	8.3	33.33	8.1	25.1	2.83
F22	03 Mar 2023	11	13.18	86.27	8.2	33.36	8.1	25.1	2.80
F22	03 Mar 2023	12	13.16	87.35	8.1	33.36	8.1	25.1	2.99
F22	03 Mar 2023	13	13.15	87.59	8.1	33.36	8.1	25.1	2.89
F22	03 Mar 2023	14	13.16	87.76	8.1	33.36	8.1	25.1	2.93
F22	03 Mar 2023	15	13.14	87.96	8.0	33.37	8.1	25.1	2.75
F22	03 Mar 2023	16	13.13	87.93	8.0	33.37	8.1	25.1	2.52
F22	03 Mar 2023	17	13.13	88.22	8.0	33.37	8.1	25.1	2.48
F22	03 Mar 2023	18	13.13	88.29	8.0	33.37	8.1	25.1	2.36
F22	03 Mar 2023	19	13.12	88.46	8.0	33.38	8.1	25.1	2.53
F22	03 Mar 2023	20	13.09	88.32	7.9	33.38	8.1	25.1	2.17
F22	03 Mar 2023	21	13.04	88.43	7.8	33.39	8.1	25.1	2.04
F22	03 Mar 2023	22	12.98	88.26	7.6	33.40	8.1	25.2	2.04
F22	03 Mar 2023	23	12.99	88.31	7.6	33.40	8.1	25.2	2.20
F22	03 Mar 2023	24	12.89	88.29	7.4	33.42	8.1	25.2	2.17
F22	03 Mar 2023	25	12.80	87.92	7.1	33.43	8.1	25.2	1.94
F22	03 Mar 2023	26	12.71	88.56	6.9	33.45	8.0	25.2	2.07
F22	03 Mar 2023	27	12.64	88.52	6.8	33.46	8.0	25.3	1.93
F22	03 Mar 2023	28	12.61	88.53	6.7	33.46	8.0	25.3	2.08
F22	03 Mar 2023	29	12.54	88.81	6.5	33.48	8.0	25.3	1.80
F22	03 Mar 2023	30	12.43	88.93	6.3	33.50	8.0	25.3	1.53
F22	03 Mar 2023	31	12.40	89.12	6.2	33.50	8.0	25.3	1.43
F22	03 Mar 2023	32	12.38	89.38	6.1	33.50	8.0	25.4	1.35
F22	03 Mar 2023	33	12.36	89.27	6.0	33.50	8.0	25.4	1.55
F22	03 Mar 2023	34	12.32	88.03	6.0	33.51	8.0	25.4	1.72
F22	03 Mar 2023	35	12.26	89.09	5.8	33.52	8.0	25.4	1.69
F22	03 Mar 2023	36	12.23	88.97	5.7	33.52	7.9	25.4	1.51
F22	03 Mar 2023	37	12.16	88.92	5.6	33.53	7.9	25.4	1.34
F22	03 Mar 2023	38	12.11	88.75	5.5	33.54	7.9	25.4	1.45
F22	03 Mar 2023	39	12.09	88.73	5.5	33.54	7.9	25.4	1.26
F22	03 Mar 2023	40	12.08	88.98	5.5	33.55	7.9	25.4	1.21
F22	03 Mar 2023	41	12.05	89.18	5.4	33.55	7.9	25.5	1.40
F22	03 Mar 2023	42	12.03	89.20	5.3	33.55	7.9	25.5	1.27
F22	03 Mar 2023	43	11.98	89.12	5.2	33.56	7.9	25.5	1.30
F22	03 Mar 2023	44	11.92	89.28	5.1	33.57	7.9	25.5	1.09
F22	03 Mar 2023	45	11.81	89.40	5.0	33.59	7.9	25.5	0.98
F22	03 Mar 2023	46	11.74	89.87	4.9	33.60	7.9	25.6	1.06
F22	03 Mar 2023	47	11.67	90.11	4.8	33.62	7.9	25.6	0.97
F22	03 Mar 2023	48	11.59	90.21	4.6	33.63	7.8	25.6	0.95
F22	03 Mar 2023	49	11.58	90.41	4.6	33.63	7.8	25.6	0.88
F22	03 Mar 2023	50	11.47	90.58	4.4	33.65	7.8	25.6	0.83
F22	03 Mar 2023	51	11.43	90.58	4.3	33.66	7.8	25.7	0.92
F22	03 Mar 2023	52	11.41	90.75	4.3	33.66	7.8	25.7	0.77
F22	03 Mar 2023	53	11.31	90.73	4.2	33.70	7.8	25.7	0.78

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F22	03 Mar 2023	54	11.18	90.59	4.0	33.73	7.8	25.8	0.69
F22	03 Mar 2023	55	11.10	90.62	3.8	33.75	7.8	25.8	0.62
F22	03 Mar 2023	56	11.02	90.76	3.8	33.76	7.8	25.8	0.59
F22	03 Mar 2023	57	11.00	90.85	3.7	33.77	7.8	25.8	0.61
F22	03 Mar 2023	58	10.92	90.83	3.6	33.79	7.8	25.8	0.58
F22	03 Mar 2023	59	10.87	90.69	3.6	33.81	7.8	25.9	0.56
F22	03 Mar 2023	60	10.86	90.57	3.5	33.81	7.8	25.9	0.56
F22	03 Mar 2023	61	10.86	90.85	3.5	33.81	7.8	25.9	0.58
F22	03 Mar 2023	62	10.84	91.04	3.5	33.81	7.8	25.9	0.54
F22	03 Mar 2023	63	10.76	91.07	3.4	33.84	7.8	25.9	0.53
F22	03 Mar 2023	64	10.67	91.18	3.4	33.87	7.7	26.0	0.51
F22	03 Mar 2023	65	10.66	91.77	3.4	33.88	7.7	26.0	0.49
F22	03 Mar 2023	66	10.66	92.07	3.4	33.88	7.7	26.0	0.47
F22	03 Mar 2023	67	10.65	92.22	3.4	33.88	7.7	26.0	0.48
F22	03 Mar 2023	68	10.65	92.31	3.4	33.88	7.7	26.0	0.47
F22	03 Mar 2023	69	10.65	92.35	3.4	33.88	7.7	26.0	0.47
F22	03 Mar 2023	70	10.65	92.36	3.4	33.88	7.7	26.0	0.47
F22	03 Mar 2023	71	10.65	92.46	3.4	33.88	7.7	26.0	0.47
F22	03 Mar 2023	72	10.65	92.39	3.3	33.88	7.7	26.0	0.47
F22	03 Mar 2023	73	10.64	92.32	3.3	33.88	7.7	26.0	0.47
F22	03 Mar 2023	74	10.57	92.38	3.3	33.92	7.7	26.0	0.46
F22	03 Mar 2023	75	10.50	92.36	3.2	33.96	7.7	26.1	0.46
F22	03 Mar 2023	76	10.48	92.48	3.2	33.96	7.7	26.1	0.45
F22	03 Mar 2023	77	10.45	92.71	3.2	33.98	7.7	26.1	0.45
F22	03 Mar 2023	78	10.42	92.74	3.1	34.00	7.7	26.1	0.45
F22	03 Mar 2023	79	10.42	91.93	3.1	34.00	7.7	26.1	0.45
F22	03 Mar 2023	80	10.42	91.59	3.1	34.00	7.7	26.1	0.45
F22	03 Mar 2023	81	10.42	91.41	3.1	34.00	7.7	26.1	0.45
F22	03 Mar 2023	82	10.42	91.06	3.1	34.00	7.7	26.1	0.45
F23	03 Mar 2023	1	13.38	81.09	8.8	33.14	8.2	24.9	1.37
F23	03 Mar 2023	2	13.37	76.11	8.8	33.14	8.2	24.9	1.48
F23	03 Mar 2023	3	13.35	79.91	8.8	33.16	8.2	24.9	1.76
F23	03 Mar 2023	4	13.34	81.42	8.8	33.18	8.2	24.9	1.99
F23	03 Mar 2023	5	13.34	81.95	8.8	33.18	8.2	24.9	2.39
F23	03 Mar 2023	6	13.34	82.58	8.8	33.19	8.2	24.9	2.71
F23	03 Mar 2023	7	13.34	82.95	8.8	33.20	8.2	24.9	2.75
F23	03 Mar 2023	8	13.34	83.50	8.7	33.20	8.2	24.9	2.75
F23	03 Mar 2023	9	13.34	83.73	8.7	33.20	8.2	24.9	2.50
F23	03 Mar 2023	10	13.34	84.31	8.7	33.20	8.2	24.9	2.57
F23	03 Mar 2023	11	13.34	84.49	8.6	33.21	8.1	24.9	2.54
F23	03 Mar 2023	12	13.34	84.11	8.6	33.22	8.1	24.9	2.64
F23	03 Mar 2023	13	13.33	85.19	8.6	33.22	8.1	24.9	2.72
F23	03 Mar 2023	14	13.32	85.50	8.6	33.23	8.1	25.0	2.56
F23	03 Mar 2023	15	13.31	85.70	8.5	33.23	8.1	25.0	2.46
F23	03 Mar 2023	16	13.26	85.90	8.4	33.27	8.1	25.0	2.43
F23	03 Mar 2023	17	13.19	86.47	8.2	33.32	8.1	25.1	2.46
F23	03 Mar 2023	18	13.19	87.22	8.2	33.33	8.1	25.1	2.49
F23	03 Mar 2023	19	13.19	87.66	8.2	33.34	8.1	25.1	2.59
F23	03 Mar 2023	20	13.16	87.56	8.1	33.35	8.1	25.1	2.59
F23	03 Mar 2023	21	13.14	87.81	8.0	33.36	8.1	25.1	2.49
F23	03 Mar 2023	22	13.13	87.95	8.0	33.37	8.1	25.1	2.08
F23	03 Mar 2023	23	13.13	88.74	8.0	33.37	8.1	25.1	2.26
F23	03 Mar 2023	24	13.12	88.97	7.9	33.37	8.1	25.1	1.96
F23	03 Mar 2023	25	13.11	89.18	7.9	33.38	8.1	25.1	2.06
F23	03 Mar 2023	26	13.11	89.42	7.8	33.38	8.1	25.1	1.98
F23	03 Mar 2023	27	13.10	89.49	7.8	33.38	8.1	25.1	1.81
F23	03 Mar 2023	28	13.06	89.64	7.7	33.39	8.1	25.1	1.70
F23	03 Mar 2023	29	13.03	89.93	7.6	33.40	8.1	25.1	1.62
F23	03 Mar 2023	30	12.93	89.90	7.4	33.41	8.1	25.2	1.72
F23	03 Mar 2023	31	12.92	89.89	7.3	33.41	8.1	25.2	1.63

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F23	03 Mar 2023	32	12.84	90.03	7.2	33.43	8.0	25.2	1.73
F23	03 Mar 2023	33	12.83	89.71	7.1	33.43	8.0	25.2	1.50
F23	03 Mar 2023	34	12.81	89.86	7.1	33.43	8.0	25.2	1.59
F23	03 Mar 2023	35	12.69	89.80	6.8	33.45	8.0	25.3	1.56
F23	03 Mar 2023	36	12.55	89.81	6.5	33.48	8.0	25.3	1.58
F23	03 Mar 2023	37	12.48	89.90	6.3	33.49	8.0	25.3	1.40
F23	03 Mar 2023	38	12.35	89.78	6.1	33.51	8.0	25.4	1.46
F23	03 Mar 2023	39	12.31	89.48	6.0	33.51	8.0	25.4	1.41
F23	03 Mar 2023	40	12.21	89.31	5.8	33.53	7.9	25.4	1.32
F23	03 Mar 2023	41	12.17	88.75	5.6	33.53	7.9	25.4	1.26
F23	03 Mar 2023	42	12.13	88.53	5.5	33.54	7.9	25.4	1.28
F23	03 Mar 2023	43	12.09	88.43	5.4	33.55	7.9	25.4	1.23
F23	03 Mar 2023	44	12.06	88.09	5.4	33.55	7.9	25.5	1.24
F23	03 Mar 2023	45	12.07	88.05	5.4	33.55	7.9	25.5	1.23
F23	03 Mar 2023	46	12.03	87.95	5.3	33.56	7.9	25.5	1.19
F23	03 Mar 2023	47	12.01	87.88	5.3	33.56	7.9	25.5	1.19
F23	03 Mar 2023	48	11.99	88.00	5.2	33.56	7.9	25.5	1.22
F23	03 Mar 2023	49	11.98	88.03	5.2	33.56	7.9	25.5	1.13
F23	03 Mar 2023	50	11.95	87.91	5.2	33.57	7.9	25.5	1.28
F23	03 Mar 2023	51	11.94	88.14	5.2	33.57	7.9	25.5	1.26
F23	03 Mar 2023	52	11.93	88.97	5.2	33.57	7.9	25.5	1.20
F23	03 Mar 2023	53	11.84	89.38	5.1	33.59	7.9	25.5	1.03
F23	03 Mar 2023	54	11.65	89.84	4.8	33.63	7.9	25.6	0.98
F23	03 Mar 2023	55	11.52	90.15	4.5	33.65	7.8	25.6	0.92
F23	03 Mar 2023	56	11.33	90.61	4.2	33.68	7.8	25.7	0.76
F23	03 Mar 2023	57	11.24	90.88	4.0	33.70	7.8	25.7	0.64
F23	03 Mar 2023	58	11.20	91.14	4.0	33.71	7.8	25.7	0.65
F23	03 Mar 2023	59	11.14	91.28	3.9	33.72	7.8	25.8	0.60
F23	03 Mar 2023	60	11.07	91.31	3.8	33.74	7.8	25.8	0.57
F23	03 Mar 2023	61	10.94	91.31	3.7	33.78	7.8	25.8	0.55
F23	03 Mar 2023	62	10.78	91.29	3.5	33.84	7.8	25.9	0.54
F23	03 Mar 2023	63	10.68	91.33	3.4	33.87	7.7	25.9	0.52
F23	03 Mar 2023	64	10.58	91.54	3.3	33.90	7.7	26.0	0.52
F23	03 Mar 2023	65	10.53	91.27	3.3	33.91	7.7	26.0	0.49
F23	03 Mar 2023	66	10.50	91.51	3.2	33.92	7.7	26.0	0.49
F23	03 Mar 2023	67	10.48	91.65	3.2	33.93	7.7	26.0	0.49
F23	03 Mar 2023	68	10.46	91.66	3.2	33.94	7.7	26.0	0.52
F23	03 Mar 2023	69	10.44	91.61	3.2	33.95	7.7	26.1	0.49
F23	03 Mar 2023	70	10.44	91.57	3.2	33.95	7.7	26.1	0.48
F23	03 Mar 2023	71	10.43	91.52	3.2	33.95	7.7	26.1	0.49
F23	03 Mar 2023	72	10.42	91.53	3.1	33.96	7.7	26.1	0.48
F23	03 Mar 2023	73	10.41	91.44	3.1	33.96	7.7	26.1	0.50
F23	03 Mar 2023	74	10.41	91.40	3.1	33.97	7.7	26.1	0.48
F23	03 Mar 2023	75	10.37	91.46	3.1	33.99	7.7	26.1	0.47
F23	03 Mar 2023	76	10.34	91.42	3.1	34.01	7.7	26.1	0.47
F23	03 Mar 2023	77	10.33	91.52	3.0	34.02	7.7	26.1	0.46
F23	03 Mar 2023	78	10.33	91.82	3.0	34.02	7.7	26.1	0.47
F23	03 Mar 2023	79	10.32	91.66	3.0	34.02	7.7	26.1	0.48
F23	03 Mar 2023	80	10.32	91.62	3.0	34.02	7.7	26.1	0.48
F23	03 Mar 2023	81	10.32	91.58	3.0	34.02	7.7	26.1	0.46
F23	03 Mar 2023	82	10.32	91.63	3.0	34.02	7.7	26.1	0.46
F23	03 Mar 2023	83	10.32	91.55	3.0	34.02	7.7	26.1	0.45
F24	03 Mar 2023	1	13.30	83.34	8.7	33.16	8.1	24.9	1.60
F24	03 Mar 2023	2	13.28	83.12	8.7	33.16	8.1	24.9	1.63
F24	03 Mar 2023	3	13.28	83.11	8.7	33.16	8.1	24.9	1.79
F24	03 Mar 2023	4	13.27	83.24	8.7	33.16	8.1	24.9	2.21
F24	03 Mar 2023	5	13.27	83.50	8.7	33.17	8.1	24.9	2.37
F24	03 Mar 2023	6	13.27	82.67	8.7	33.17	8.1	24.9	2.70
F24	03 Mar 2023	7	13.27	82.92	8.6	33.17	8.1	24.9	2.57
F24	03 Mar 2023	8	13.28	83.56	8.6	33.17	8.1	24.9	2.65

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F24	03 Mar 2023	9	13.28	83.87	8.6	33.18	8.1	24.9	2.92
F24	03 Mar 2023	10	13.28	84.14	8.6	33.19	8.1	24.9	2.64
F24	03 Mar 2023	11	13.28	84.15	8.6	33.20	8.1	24.9	2.64
F24	03 Mar 2023	12	13.26	84.51	8.5	33.21	8.1	25.0	2.66
F24	03 Mar 2023	13	13.25	84.75	8.5	33.24	8.1	25.0	2.88
F24	03 Mar 2023	14	13.25	85.62	8.5	33.24	8.1	25.0	2.71
F24	03 Mar 2023	15	13.24	85.91	8.5	33.25	8.1	25.0	2.39
F24	03 Mar 2023	16	13.24	86.31	8.4	33.25	8.1	25.0	2.41
F24	03 Mar 2023	17	13.22	86.51	8.4	33.26	8.1	25.0	2.38
F24	03 Mar 2023	18	13.21	86.54	8.3	33.28	8.1	25.0	2.48
F24	03 Mar 2023	19	13.19	86.83	8.3	33.30	8.1	25.0	2.24
F24	03 Mar 2023	20	13.19	87.03	8.2	33.30	8.1	25.0	2.28
F24	03 Mar 2023	21	13.17	87.45	8.1	33.33	8.1	25.1	2.31
F24	03 Mar 2023	22	13.14	87.84	8.0	33.35	8.1	25.1	2.05
F24	03 Mar 2023	23	13.13	88.32	8.0	33.37	8.1	25.1	2.47
F24	03 Mar 2023	24	13.12	88.79	7.9	33.37	8.1	25.1	2.07
F24	03 Mar 2023	25	13.11	89.21	7.8	33.37	8.1	25.1	1.86
F24	03 Mar 2023	26	13.08	89.26	7.8	33.38	8.1	25.1	1.73
F24	03 Mar 2023	27	13.04	89.49	7.6	33.39	8.1	25.1	1.69
F24	03 Mar 2023	28	12.94	89.62	7.4	33.41	8.1	25.2	1.42
F24	03 Mar 2023	29	12.88	89.85	7.2	33.42	8.0	25.2	1.44
F24	03 Mar 2023	30	12.84	90.35	7.1	33.42	8.0	25.2	1.50
F24	03 Mar 2023	31	12.80	90.39	7.0	33.43	8.0	25.2	1.37
F24	03 Mar 2023	32	12.78	90.59	7.0	33.43	8.0	25.2	1.43
F24	03 Mar 2023	33	12.68	90.60	6.6	33.45	8.0	25.3	1.33
F24	03 Mar 2023	34	12.50	90.55	6.3	33.48	8.0	25.3	1.11
F24	03 Mar 2023	35	12.44	91.06	6.0	33.48	8.0	25.3	1.06
F24	03 Mar 2023	36	12.28	91.37	5.8	33.51	7.9	25.4	0.88
F24	03 Mar 2023	37	12.22	91.09	5.7	33.52	7.9	25.4	0.91
F24	03 Mar 2023	38	12.19	91.30	5.7	33.52	7.9	25.4	0.85
F24	03 Mar 2023	39	12.18	91.22	5.6	33.52	7.9	25.4	0.95
F24	03 Mar 2023	40	12.14	91.13	5.6	33.53	7.9	25.4	0.89
F24	03 Mar 2023	41	12.08	90.93	5.5	33.54	7.9	25.4	0.89
F24	03 Mar 2023	42	11.95	90.86	5.2	33.57	7.9	25.5	1.07
F24	03 Mar 2023	43	11.86	90.30	5.0	33.58	7.9	25.5	0.96
F24	03 Mar 2023	44	11.79	89.38	4.8	33.59	7.9	25.5	0.99
F24	03 Mar 2023	45	11.78	89.14	4.8	33.59	7.8	25.5	0.86
F24	03 Mar 2023	46	11.77	89.20	4.8	33.60	7.8	25.5	0.84
F24	03 Mar 2023	47	11.77	89.23	4.8	33.60	7.8	25.5	0.88
F24	03 Mar 2023	48	11.76	89.03	4.8	33.60	7.8	25.5	0.89
F24	03 Mar 2023	49	11.75	88.78	4.8	33.60	7.8	25.5	0.85
F24	03 Mar 2023	50	11.74	88.98	4.8	33.60	7.8	25.6	0.84
F24	03 Mar 2023	51	11.69	89.02	4.7	33.61	7.8	25.6	0.81
F24	03 Mar 2023	52	11.65	89.36	4.7	33.62	7.8	25.6	0.87
F24	03 Mar 2023	53	11.48	90.11	4.5	33.65	7.8	25.6	0.82
F24	03 Mar 2023	54	11.41	90.81	4.3	33.66	7.8	25.7	0.69
F24	03 Mar 2023	55	11.36	91.21	4.2	33.67	7.8	25.7	0.65
F24	03 Mar 2023	56	11.23	91.40	4.1	33.70	7.8	25.7	0.57
F24	03 Mar 2023	57	11.20	91.67	4.0	33.70	7.8	25.7	0.59
F24	03 Mar 2023	58	11.09	91.83	3.9	33.74	7.8	25.8	0.56
F24	03 Mar 2023	59	11.01	91.70	3.7	33.76	7.8	25.8	0.52
F24	03 Mar 2023	60	11.00	91.51	3.7	33.77	7.8	25.8	0.49
F24	03 Mar 2023	61	10.99	91.33	3.7	33.77	7.8	25.8	0.48
F24	03 Mar 2023	62	10.98	91.21	3.7	33.77	7.8	25.8	0.50
F24	03 Mar 2023	63	10.90	91.18	3.6	33.80	7.8	25.9	0.49
F24	03 Mar 2023	64	10.85	91.05	3.5	33.82	7.8	25.9	0.50
F24	03 Mar 2023	65	10.83	90.45	3.5	33.83	7.7	25.9	0.49
F24	03 Mar 2023	66	10.83	90.13	3.5	33.83	7.7	25.9	0.47
F24	03 Mar 2023	67	10.81	90.29	3.5	33.83	7.7	25.9	0.46
F24	03 Mar 2023	68	10.79	90.46	3.5	33.84	7.7	25.9	0.46
F24	03 Mar 2023	69	10.78	90.43	3.4	33.84	7.7	25.9	0.46

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F24	03 Mar 2023	70	10.77	90.26	3.4	33.84	7.7	25.9	0.46
F24	03 Mar 2023	71	10.76	90.20	3.4	33.84	7.7	25.9	0.46
F24	03 Mar 2023	72	10.75	90.40	3.4	33.85	7.7	25.9	0.45
F24	03 Mar 2023	73	10.74	90.20	3.4	33.85	7.7	25.9	0.45
F24	03 Mar 2023	74	10.74	90.45	3.4	33.85	7.7	25.9	0.46
F24	03 Mar 2023	75	10.66	90.49	3.3	33.88	7.7	26.0	0.45
F24	03 Mar 2023	76	10.62	90.54	3.3	33.89	7.7	26.0	0.45
F24	03 Mar 2023	77	10.59	90.72	3.3	33.90	7.7	26.0	0.45
F24	03 Mar 2023	78	10.50	90.85	3.2	33.93	7.7	26.0	0.45
F24	03 Mar 2023	79	10.43	90.96	3.1	33.95	7.7	26.1	0.45
F24	03 Mar 2023	80	10.41	90.48	3.1	33.96	7.7	26.1	0.45
F24	03 Mar 2023	81	10.41	90.12	3.1	33.96	7.7	26.1	0.44
F24	03 Mar 2023	82	10.40	89.98	3.1	33.96	7.7	26.1	0.43
F24	03 Mar 2023	83	10.39	89.93	3.1	33.97	7.7	26.1	0.44
F25	03 Mar 2023	1	13.28	82.34	8.7	33.16	8.1	24.9	1.31
F25	03 Mar 2023	2	13.27	82.51	8.7	33.16	8.1	24.9	1.24
F25	03 Mar 2023	3	13.27	82.30	8.7	33.16	8.1	24.9	1.56
F25	03 Mar 2023	4	13.26	82.30	8.7	33.16	8.1	24.9	2.06
F25	03 Mar 2023	5	13.25	82.47	8.7	33.16	8.1	24.9	2.54
F25	03 Mar 2023	6	13.25	82.55	8.7	33.16	8.1	24.9	2.60
F25	03 Mar 2023	7	13.25	82.33	8.7	33.16	8.1	24.9	2.82
F25	03 Mar 2023	8	13.25	82.41	8.7	33.16	8.1	24.9	2.84
F25	03 Mar 2023	9	13.25	82.52	8.7	33.17	8.1	24.9	3.02
F25	03 Mar 2023	10	13.25	82.47	8.7	33.17	8.1	24.9	3.17
F25	03 Mar 2023	11	13.26	82.63	8.7	33.17	8.1	24.9	3.10
F25	03 Mar 2023	12	13.26	83.14	8.7	33.18	8.1	24.9	3.00
F25	03 Mar 2023	13	13.27	83.31	8.6	33.18	8.1	24.9	2.84
F25	03 Mar 2023	14	13.27	82.95	8.6	33.19	8.1	24.9	2.62
F25	03 Mar 2023	15	13.25	83.38	8.6	33.20	8.1	24.9	2.57
F25	03 Mar 2023	16	13.25	84.64	8.6	33.21	8.1	25.0	2.54
F25	03 Mar 2023	17	13.23	84.85	8.5	33.24	8.1	25.0	2.36
F25	03 Mar 2023	18	13.22	85.59	8.4	33.25	8.1	25.0	2.38
F25	03 Mar 2023	19	13.20	86.13	8.3	33.26	8.1	25.0	2.04
F25	03 Mar 2023	20	13.19	87.08	8.3	33.27	8.1	25.0	2.06
F25	03 Mar 2023	21	13.16	87.59	8.2	33.30	8.1	25.0	2.31
F25	03 Mar 2023	22	13.14	87.78	8.1	33.33	8.1	25.1	2.09
F25	03 Mar 2023	23	13.11	88.27	8.0	33.34	8.1	25.1	1.74
F25	03 Mar 2023	24	13.10	89.01	7.9	33.36	8.1	25.1	1.70
F25	03 Mar 2023	25	13.08	89.46	7.8	33.37	8.1	25.1	1.62
F25	03 Mar 2023	26	13.05	89.74	7.7	33.38	8.1	25.1	1.46
F25	03 Mar 2023	27	13.02	89.59	7.6	33.39	8.1	25.1	1.47
F25	03 Mar 2023	28	13.00	89.61	7.5	33.39	8.1	25.1	1.31
F25	03 Mar 2023	29	12.98	89.87	7.5	33.40	8.1	25.2	1.31
F25	03 Mar 2023	30	12.94	90.33	7.3	33.41	8.1	25.2	1.19
F25	03 Mar 2023	31	12.80	90.36	6.9	33.43	8.0	25.2	1.17
F25	03 Mar 2023	32	12.64	90.66	6.6	33.46	8.0	25.3	1.13
F25	03 Mar 2023	33	12.56	91.03	6.3	33.47	8.0	25.3	0.88
F25	03 Mar 2023	34	12.51	91.20	6.2	33.48	8.0	25.3	0.93
F25	03 Mar 2023	35	12.49	91.28	6.1	33.48	8.0	25.3	0.74
F25	03 Mar 2023	36	12.35	91.30	5.8	33.50	7.9	25.4	0.69
F25	03 Mar 2023	37	12.22	91.55	5.6	33.51	7.9	25.4	0.70
F25	03 Mar 2023	38	12.29	91.90	5.7	33.50	7.9	25.4	0.63
F25	03 Mar 2023	39	12.16	92.03	5.5	33.52	7.9	25.4	0.58
F25	03 Mar 2023	40	12.10	91.76	5.4	33.53	7.9	25.4	0.55
F25	03 Mar 2023	41	12.05	91.75	5.3	33.53	7.9	25.4	0.52
F25	03 Mar 2023	42	12.02	91.72	5.3	33.54	7.9	25.5	0.48
F25	03 Mar 2023	43	12.00	91.88	5.2	33.55	7.9	25.5	0.48
F25	03 Mar 2023	44	11.92	91.82	5.1	33.56	7.9	25.5	0.46
F25	03 Mar 2023	45	11.77	91.76	5.0	33.58	7.8	25.5	0.47
F25	03 Mar 2023	46	11.77	91.82	4.9	33.57	7.8	25.5	0.48

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F25	03 Mar 2023	47	11.72	91.92	4.9	33.58	7.8	25.5	0.45
F25	03 Mar 2023	48	11.69	92.02	4.9	33.59	7.8	25.5	0.46
F25	03 Mar 2023	49	11.68	91.88	4.8	33.59	7.8	25.6	0.43
F25	03 Mar 2023	50	11.66	91.94	4.8	33.59	7.8	25.6	0.43
F25	03 Mar 2023	51	11.62	92.05	4.7	33.60	7.8	25.6	0.47
F25	03 Mar 2023	52	11.60	92.08	4.7	33.61	7.8	25.6	0.42
F25	03 Mar 2023	53	11.47	91.97	4.5	33.64	7.8	25.6	0.42
F25	03 Mar 2023	54	11.44	91.95	4.4	33.64	7.8	25.6	0.38
F25	03 Mar 2023	55	11.29	92.04	4.2	33.68	7.8	25.7	0.36
F25	03 Mar 2023	56	11.22	91.87	4.0	33.70	7.8	25.7	0.33
F25	03 Mar 2023	57	11.22	91.92	4.0	33.70	7.8	25.7	0.34
F25	03 Mar 2023	58	11.12	91.74	3.9	33.73	7.8	25.8	0.34
F25	03 Mar 2023	59	11.03	91.75	3.8	33.75	7.8	25.8	0.27
F25	03 Mar 2023	60	11.01	91.95	3.7	33.76	7.8	25.8	0.25
F25	03 Mar 2023	61	11.02	92.04	3.7	33.76	7.8	25.8	0.26
F25	03 Mar 2023	62	10.99	91.91	3.7	33.77	7.8	25.8	0.27
F25	03 Mar 2023	63	10.98	91.85	3.7	33.77	7.8	25.8	0.27
F25	03 Mar 2023	64	10.95	91.71	3.7	33.79	7.8	25.8	0.26
F25	03 Mar 2023	65	10.93	91.73	3.7	33.80	7.8	25.9	0.25
F25	03 Mar 2023	66	10.91	91.86	3.7	33.80	7.8	25.9	0.25
F25	03 Mar 2023	67	10.85	91.91	3.6	33.82	7.8	25.9	0.25
F25	03 Mar 2023	68	10.78	91.59	3.5	33.84	7.7	25.9	0.25
F25	03 Mar 2023	69	10.75	91.48	3.4	33.85	7.7	25.9	0.24
F25	03 Mar 2023	70	10.66	91.41	3.4	33.88	7.7	26.0	0.23
F25	03 Mar 2023	71	10.67	91.54	3.4	33.88	7.7	26.0	0.23
F25	03 Mar 2023	72	10.60	91.76	3.3	33.90	7.7	26.0	0.23
F25	03 Mar 2023	73	10.57	91.70	3.3	33.91	7.7	26.0	0.22
F25	03 Mar 2023	74	10.57	91.72	3.3	33.91	7.7	26.0	0.21
F25	03 Mar 2023	75	10.56	91.71	3.3	33.91	7.7	26.0	0.21
F25	03 Mar 2023	76	10.53	91.94	3.2	33.93	7.7	26.0	0.21
F25	03 Mar 2023	77	10.48	91.84	3.2	33.94	7.7	26.0	0.22
F25	03 Mar 2023	78	10.47	91.51	3.2	33.94	7.7	26.0	0.22
F25	03 Mar 2023	79	10.45	91.29	3.2	33.95	7.7	26.1	0.23
F25	03 Mar 2023	80	10.42	91.19	3.1	33.96	7.7	26.1	0.23
F25	03 Mar 2023	81	10.41	91.01	3.1	33.96	7.7	26.1	0.23
F26	28 Feb 2023	1	13.95	85.57	8.3	33.36	8.1	24.9	0.61
F26	28 Feb 2023	2	13.94	86.52	8.3	33.36	8.1	24.9	0.62
F26	28 Feb 2023	3	13.93	88.85	8.2	33.36	8.1	24.9	0.63
F26	28 Feb 2023	4	13.89	88.92	8.2	33.37	8.1	24.9	0.71
F26	28 Feb 2023	5	13.86	88.70	8.2	33.37	8.1	25.0	0.76
F26	28 Feb 2023	6	13.85	88.52	8.2	33.37	8.1	25.0	0.86
F26	28 Feb 2023	7	13.83	88.44	8.2	33.37	8.1	25.0	0.93
F26	28 Feb 2023	8	13.82	88.47	8.2	33.37	8.1	25.0	1.00
F26	28 Feb 2023	9	13.81	88.52	8.2	33.37	8.1	25.0	1.13
F26	28 Feb 2023	10	13.80	88.52	8.2	33.37	8.1	25.0	1.19
F26	28 Feb 2023	11	13.79	88.52	8.2	33.37	8.1	25.0	1.21
F26	28 Feb 2023	12	13.79	88.53	8.2	33.37	8.1	25.0	1.29
F26	28 Feb 2023	13	13.79	88.57	8.2	33.37	8.1	25.0	1.34
F26	28 Feb 2023	14	13.78	88.52	8.2	33.37	8.1	25.0	1.41
F26	28 Feb 2023	15	13.77	88.49	8.1	33.37	8.1	25.0	1.55
F26	28 Feb 2023	16	13.76	88.60	8.2	33.37	8.1	25.0	1.55
F26	28 Feb 2023	17	13.75	88.60	8.2	33.37	8.1	25.0	1.75
F26	28 Feb 2023	18	13.74	88.80	8.2	33.37	8.1	25.0	1.84
F26	28 Feb 2023	19	13.74	88.90	8.2	33.37	8.1	25.0	1.86
F26	28 Feb 2023	20	13.73	88.91	8.2	33.37	8.1	25.0	1.85
F26	28 Feb 2023	21	13.73	88.89	8.1	33.37	8.1	25.0	1.85
F26	28 Feb 2023	22	13.73	88.91	8.2	33.36	8.1	25.0	1.87
F26	28 Feb 2023	23	13.73	88.94	8.2	33.37	8.1	25.0	1.82
F26	28 Feb 2023	24	13.72	88.92	8.1	33.37	8.1	25.0	1.87
F26	28 Feb 2023	25	13.72	88.96	8.2	33.37	8.1	25.0	1.97

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F26	28 Feb 2023	26	13.72	88.96	8.2	33.37	8.1	25.0	2.02
F26	28 Feb 2023	27	13.72	88.99	8.2	33.37	8.1	25.0	1.94
F26	28 Feb 2023	28	13.71	89.04	8.1	33.37	8.1	25.0	1.91
F26	28 Feb 2023	29	13.71	89.27	8.1	33.37	8.1	25.0	1.89
F26	28 Feb 2023	30	13.71	89.74	8.2	33.37	8.1	25.0	1.87
F26	28 Feb 2023	31	13.68	90.08	8.1	33.37	8.1	25.0	1.76
F26	28 Feb 2023	32	13.67	90.56	8.0	33.36	8.1	25.0	1.80
F26	28 Feb 2023	33	13.65	90.91	7.9	33.36	8.1	25.0	1.78
F26	28 Feb 2023	34	13.64	91.45	7.9	33.36	8.1	25.0	1.64
F26	28 Feb 2023	35	13.61	91.60	7.9	33.37	8.1	25.0	1.46
F26	28 Feb 2023	36	13.55	91.82	7.8	33.37	8.1	25.0	1.29
F26	28 Feb 2023	37	13.53	91.94	7.6	33.37	8.1	25.0	1.21
F26	28 Feb 2023	38	13.52	92.18	7.5	33.38	8.1	25.0	1.16
F26	28 Feb 2023	39	13.45	92.33	7.4	33.38	8.1	25.1	1.54
F26	28 Feb 2023	40	13.26	92.40	7.2	33.39	8.0	25.1	1.07
F26	28 Feb 2023	41	12.87	92.46	6.8	33.41	8.0	25.2	0.94
F26	28 Feb 2023	42	12.63	92.58	6.5	33.42	8.0	25.2	0.81
F26	28 Feb 2023	43	12.44	92.72	6.3	33.42	8.0	25.3	0.76
F26	28 Feb 2023	44	12.27	92.86	6.1	33.43	7.9	25.3	0.73
F26	28 Feb 2023	45	12.26	92.83	6.1	33.43	7.9	25.3	0.68
F26	28 Feb 2023	46	12.21	92.79	6.0	33.43	7.9	25.3	0.69
F26	28 Feb 2023	47	12.18	92.65	5.9	33.44	7.9	25.3	0.67
F26	28 Feb 2023	48	12.18	92.57	5.9	33.45	7.9	25.3	0.69
F26	28 Feb 2023	49	12.12	92.31	5.5	33.51	7.9	25.4	0.64
F26	28 Feb 2023	50	11.97	91.68	5.0	33.57	7.9	25.5	0.59
F26	28 Feb 2023	51	11.89	91.12	4.8	33.58	7.8	25.5	0.57
F26	28 Feb 2023	52	11.83	91.12	4.8	33.58	7.8	25.5	0.50
F26	28 Feb 2023	53	11.75	91.21	4.7	33.59	7.8	25.5	0.47
F26	28 Feb 2023	54	11.69	91.12	4.6	33.61	7.8	25.6	0.46
F26	28 Feb 2023	55	11.68	90.72	4.6	33.62	7.8	25.6	0.44
F26	28 Feb 2023	56	11.67	90.36	4.5	33.62	7.8	25.6	0.43
F26	28 Feb 2023	57	11.64	90.15	4.5	33.63	7.8	25.6	0.41
F26	28 Feb 2023	58	11.60	90.52	4.5	33.63	7.8	25.6	0.41
F26	28 Feb 2023	59	11.60	90.78	4.4	33.64	7.8	25.6	0.40
F26	28 Feb 2023	60	11.56	90.04	4.3	33.66	7.8	25.6	0.40
F26	28 Feb 2023	61	11.56	89.38	4.3	33.66	7.8	25.6	0.39
F26	28 Feb 2023	62	11.56	89.30	4.3	33.66	7.8	25.6	0.37
F26	28 Feb 2023	63	11.56	89.19	4.3	33.66	7.8	25.6	0.38
F26	28 Feb 2023	64	11.55	88.92	4.3	33.66	7.8	25.6	0.35
F26	28 Feb 2023	65	11.54	88.64	4.2	33.66	7.8	25.6	0.36
F26	28 Feb 2023	66	11.53	88.36	4.2	33.67	7.8	25.6	0.36
F26	28 Feb 2023	67	11.51	88.42	4.2	33.67	7.8	25.6	0.35
F26	28 Feb 2023	68	11.48	88.71	4.2	33.67	7.8	25.7	0.34
F26	28 Feb 2023	69	11.46	89.29	4.2	33.68	7.8	25.7	0.34
F26	28 Feb 2023	70	11.44	89.64	4.2	33.68	7.8	25.7	0.33
F26	28 Feb 2023	71	11.41	89.54	4.2	33.69	7.8	25.7	0.32
F26	28 Feb 2023	72	11.41	89.48	4.2	33.69	7.8	25.7	0.33
F26	28 Feb 2023	73	11.40	89.58	4.2	33.69	7.8	25.7	0.33
F26	28 Feb 2023	74	11.37	89.70	4.2	33.69	7.8	25.7	0.32
F26	28 Feb 2023	75	11.31	89.94	4.2	33.70	7.8	25.7	0.31
F26	28 Feb 2023	76	11.26	91.02	4.2	33.71	7.8	25.7	0.30
F26	28 Feb 2023	77	11.23	91.53	4.1	33.72	7.8	25.7	0.29
F26	28 Feb 2023	78	11.22	91.54	4.1	33.72	7.8	25.7	0.27
F26	28 Feb 2023	79	11.21	91.34	4.1	33.73	7.8	25.7	0.27
F26	28 Feb 2023	80	11.17	91.41	4.1	33.73	7.8	25.8	0.26
F26	28 Feb 2023	81	11.16	91.72	4.0	33.74	7.8	25.8	0.27
F26	28 Feb 2023	82	11.16	91.80	4.0	33.74	7.8	25.8	0.26
F26	28 Feb 2023	83	11.12	91.89	4.0	33.75	7.8	25.8	0.25
F26	28 Feb 2023	84	11.04	91.94	4.0	33.77	7.8	25.8	0.25
F26	28 Feb 2023	85	11.03	92.27	3.9	33.78	7.8	25.8	0.24
F26	28 Feb 2023	86	11.02	92.46	3.9	33.78	7.8	25.8	0.23

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F26	28 Feb 2023	87	11.01	92.32	3.8	33.80	7.7	25.8	0.23
F26	28 Feb 2023	88	11.01	91.88	3.7	33.80	7.7	25.8	0.23
F26	28 Feb 2023	89	10.98	91.79	3.7	33.81	7.7	25.9	0.24
F26	28 Feb 2023	90	10.94	91.80	3.6	33.83	7.7	25.9	0.24
F26	28 Feb 2023	91	10.89	91.79	3.6	33.84	7.7	25.9	0.22
F26	28 Feb 2023	92	10.85	91.78	3.5	33.85	7.7	25.9	0.21
F26	28 Feb 2023	93	10.80	91.59	3.5	33.87	7.7	25.9	0.21
F26	28 Feb 2023	94	10.78	91.29	3.5	33.88	7.7	25.9	0.19
F26	28 Feb 2023	95	10.74	91.22	3.5	33.89	7.7	26.0	0.19
F26	28 Feb 2023	96	10.72	91.27	3.4	33.89	7.7	26.0	0.21
F26	28 Feb 2023	97	10.67	91.50	3.4	33.91	7.7	26.0	0.19
F26	28 Feb 2023	98	10.61	91.83	3.4	33.93	7.7	26.0	0.17
F26	28 Feb 2023	99	10.60	91.97	3.3	33.93	7.7	26.0	0.17
F26	28 Feb 2023	100	10.60	91.97	3.4	33.93	7.7	26.0	0.17
F27	28 Feb 2023	1	13.87	85.84	8.2	33.35	8.1	24.9	0.57
F27	28 Feb 2023	2	13.85	86.49	8.2	33.36	8.1	25.0	0.59
F27	28 Feb 2023	3	13.82	89.17	8.2	33.36	8.1	25.0	0.62
F27	28 Feb 2023	4	13.76	89.04	8.2	33.36	8.1	25.0	0.67
F27	28 Feb 2023	5	13.72	88.82	8.2	33.36	8.1	25.0	0.79
F27	28 Feb 2023	6	13.70	88.78	8.2	33.36	8.1	25.0	0.83
F27	28 Feb 2023	7	13.69	89.19	8.1	33.36	8.1	25.0	0.84
F27	28 Feb 2023	8	13.66	89.54	8.1	33.36	8.1	25.0	0.85
F27	28 Feb 2023	9	13.65	89.97	8.0	33.36	8.1	25.0	0.86
F27	28 Feb 2023	10	13.64	90.36	8.0	33.36	8.1	25.0	0.95
F27	28 Feb 2023	11	13.64	90.46	8.0	33.36	8.1	25.0	0.96
F27	28 Feb 2023	12	13.64	90.51	8.0	33.36	8.1	25.0	1.04
F27	28 Feb 2023	13	13.63	90.59	8.1	33.36	8.1	25.0	1.07
F27	28 Feb 2023	14	13.63	90.56	8.0	33.36	8.1	25.0	1.04
F27	28 Feb 2023	15	13.63	90.49	8.0	33.36	8.1	25.0	1.10
F27	28 Feb 2023	16	13.63	90.53	8.1	33.36	8.1	25.0	1.20
F27	28 Feb 2023	17	13.63	90.67	8.0	33.36	8.1	25.0	1.22
F27	28 Feb 2023	18	13.63	90.70	8.0	33.36	8.1	25.0	1.33
F27	28 Feb 2023	19	13.63	90.69	8.0	33.36	8.1	25.0	1.41
F27	28 Feb 2023	20	13.63	90.86	8.1	33.36	8.1	25.0	1.38
F27	28 Feb 2023	21	13.62	90.79	8.0	33.36	8.1	25.0	1.45
F27	28 Feb 2023	22	13.62	90.77	7.9	33.36	8.1	25.0	1.46
F27	28 Feb 2023	23	13.62	90.92	8.0	33.36	8.1	25.0	1.44
F27	28 Feb 2023	24	13.62	90.88	8.0	33.36	8.1	25.0	1.76
F27	28 Feb 2023	25	13.62	90.91	8.0	33.36	8.1	25.0	1.47
F27	28 Feb 2023	26	13.61	91.01	8.0	33.36	8.1	25.0	1.60
F27	28 Feb 2023	27	13.61	91.12	7.9	33.36	8.1	25.0	1.66
F27	28 Feb 2023	28	13.61	91.06	8.0	33.36	8.1	25.0	1.56
F27	28 Feb 2023	29	13.60	91.19	7.9	33.36	8.1	25.0	1.52
F27	28 Feb 2023	30	13.54	91.34	7.8	33.37	8.1	25.0	1.46
F27	28 Feb 2023	31	13.53	91.83	7.8	33.37	8.1	25.0	1.43
F27	28 Feb 2023	32	13.52	91.89	7.8	33.37	8.1	25.0	1.22
F27	28 Feb 2023	33	13.52	91.94	7.8	33.37	8.1	25.0	1.33
F27	28 Feb 2023	34	13.46	92.09	7.7	33.37	8.1	25.0	1.31
F27	28 Feb 2023	35	13.40	92.13	7.5	33.38	8.1	25.1	1.14
F27	28 Feb 2023	36	13.40	92.47	7.5	33.38	8.1	25.1	1.07
F27	28 Feb 2023	37	13.36	92.50	7.4	33.38	8.1	25.1	1.00
F27	28 Feb 2023	38	13.25	92.57	7.2	33.39	8.0	25.1	0.91
F27	28 Feb 2023	39	13.13	92.69	7.0	33.40	8.0	25.1	0.84
F27	28 Feb 2023	40	12.75	92.96	6.7	33.40	8.0	25.2	0.78
F27	28 Feb 2023	41	12.68	92.99	6.5	33.40	8.0	25.2	0.78
F27	28 Feb 2023	42	12.66	93.02	6.5	33.40	8.0	25.2	0.72
F27	28 Feb 2023	43	12.64	93.01	6.6	33.40	8.0	25.2	0.72
F27	28 Feb 2023	44	12.61	93.03	6.5	33.40	8.0	25.2	0.73
F27	28 Feb 2023	45	12.61	93.01	6.5	33.40	8.0	25.2	0.72
F27	28 Feb 2023	46	12.60	92.93	6.5	33.40	8.0	25.2	0.87

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F27	28 Feb 2023	47	12.60	92.98	6.5	33.40	8.0	25.2	0.76
F27	28 Feb 2023	48	12.51	93.05	6.4	33.40	8.0	25.3	0.73
F27	28 Feb 2023	49	12.44	93.06	6.2	33.41	7.9	25.3	0.72
F27	28 Feb 2023	50	12.31	93.13	6.1	33.41	7.9	25.3	0.69
F27	28 Feb 2023	51	11.97	93.21	5.9	33.43	7.9	25.4	0.73
F27	28 Feb 2023	52	11.84	93.36	5.8	33.43	7.9	25.4	0.61
F27	28 Feb 2023	53	11.75	93.49	5.7	33.45	7.9	25.4	0.56
F27	28 Feb 2023	54	11.68	93.53	5.6	33.46	7.9	25.5	0.53
F27	28 Feb 2023	55	11.66	93.46	5.5	33.47	7.9	25.5	0.51
F27	28 Feb 2023	56	11.69	93.20	5.3	33.49	7.8	25.5	0.50
F27	28 Feb 2023	57	11.75	92.33	4.9	33.58	7.8	25.5	0.47
F27	28 Feb 2023	58	11.71	91.77	4.6	33.60	7.8	25.6	0.45
F27	28 Feb 2023	59	11.66	91.60	4.6	33.61	7.8	25.6	0.43
F27	28 Feb 2023	60	11.54	91.64	4.6	33.61	7.8	25.6	0.42
F27	28 Feb 2023	61	11.48	92.00	4.7	33.61	7.8	25.6	0.39
F27	28 Feb 2023	62	11.44	92.46	4.8	33.60	7.8	25.6	0.38
F27	28 Feb 2023	63	11.31	92.97	5.0	33.59	7.8	25.6	0.37
F27	28 Feb 2023	64	11.27	93.64	5.1	33.58	7.8	25.6	0.35
F27	28 Feb 2023	65	11.19	93.79	5.1	33.59	7.8	25.6	0.33
F27	28 Feb 2023	66	11.15	93.82	5.0	33.60	7.8	25.7	0.32
F27	28 Feb 2023	67	11.12	93.82	4.9	33.62	7.8	25.7	0.31
F27	28 Feb 2023	68	11.11	93.78	4.7	33.64	7.8	25.7	0.30
F27	28 Feb 2023	69	11.11	93.68	4.7	33.65	7.8	25.7	0.29
F27	28 Feb 2023	70	11.10	93.71	4.7	33.65	7.8	25.7	0.29
F27	28 Feb 2023	71	11.06	93.70	4.6	33.68	7.8	25.7	0.27
F27	28 Feb 2023	72	11.06	93.68	4.5	33.68	7.8	25.7	0.28
F27	28 Feb 2023	73	11.04	93.70	4.5	33.70	7.8	25.8	0.27
F27	28 Feb 2023	74	11.04	93.66	4.4	33.71	7.8	25.8	0.25
F27	28 Feb 2023	75	11.06	93.43	4.2	33.74	7.8	25.8	0.24
F27	28 Feb 2023	76	11.06	92.74	4.0	33.77	7.8	25.8	0.24
F27	28 Feb 2023	77	11.04	92.32	3.8	33.78	7.8	25.8	0.25
F27	28 Feb 2023	78	11.04	91.83	3.8	33.79	7.7	25.8	0.24
F27	28 Feb 2023	79	11.04	91.64	3.8	33.79	7.7	25.8	0.25
F27	28 Feb 2023	80	11.03	91.26	3.8	33.80	7.7	25.8	0.25
F27	28 Feb 2023	81	11.03	91.06	3.8	33.80	7.7	25.8	0.24
F27	28 Feb 2023	82	11.02	91.05	3.8	33.80	7.7	25.8	0.23
F27	28 Feb 2023	83	11.00	91.33	3.8	33.80	7.7	25.8	0.24
F27	28 Feb 2023	84	11.00	91.61	3.7	33.80	7.7	25.8	0.24
F27	28 Feb 2023	85	10.98	91.64	3.7	33.81	7.7	25.9	0.24
F27	28 Feb 2023	86	10.96	91.15	3.7	33.82	7.7	25.9	0.23
F27	28 Feb 2023	87	10.95	90.82	3.7	33.82	7.7	25.9	0.23
F27	28 Feb 2023	88	10.94	91.13	3.6	33.83	7.7	25.9	0.23
F27	28 Feb 2023	89	10.90	91.60	3.6	33.84	7.7	25.9	0.23
F27	28 Feb 2023	90	10.85	91.80	3.6	33.85	7.7	25.9	0.22
F27	28 Feb 2023	91	10.79	91.77	3.5	33.88	7.7	25.9	0.21
F27	28 Feb 2023	92	10.75	91.91	3.5	33.89	7.7	26.0	0.21
F27	28 Feb 2023	93	10.71	91.98	3.4	33.90	7.7	26.0	0.21
F27	28 Feb 2023	94	10.68	92.08	3.4	33.91	7.7	26.0	0.20
F27	28 Feb 2023	95	10.66	92.03	3.4	33.91	7.7	26.0	0.19
F27	28 Feb 2023	96	10.65	91.87	3.4	33.91	7.7	26.0	0.20
F27	28 Feb 2023	97	10.65	91.70	3.4	33.91	7.7	26.0	0.20
F27	28 Feb 2023	98	10.65	91.77	3.4	33.91	7.7	26.0	0.19
F27	28 Feb 2023	99	10.64	91.61	3.4	33.92	7.7	26.0	0.19
F27	28 Feb 2023	100	10.64	91.50	3.4	33.92	7.7	26.0	0.18
F28	28 Feb 2023	1	13.88	89.14	8.2	33.37	8.1	24.9	0.61
F28	28 Feb 2023	2	13.88	89.17	8.2	33.37	8.1	24.9	0.61
F28	28 Feb 2023	3	13.88	89.15	8.2	33.37	8.1	24.9	0.66
F28	28 Feb 2023	4	13.87	89.18	8.2	33.37	8.1	25.0	0.68
F28	28 Feb 2023	5	13.81	89.18	8.2	33.37	8.1	25.0	0.73
F28	28 Feb 2023	6	13.80	89.03	8.2	33.37	8.1	25.0	0.81

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F28	28 Feb 2023	7	13.80	88.82	8.2	33.36	8.1	25.0	0.89
F28	28 Feb 2023	8	13.76	88.81	8.2	33.36	8.1	25.0	0.97
F28	28 Feb 2023	9	13.74	88.74	8.1	33.36	8.1	25.0	1.05
F28	28 Feb 2023	10	13.74	88.60	8.2	33.36	8.1	25.0	1.10
F28	28 Feb 2023	11	13.73	88.64	8.2	33.36	8.1	25.0	1.24
F28	28 Feb 2023	12	13.72	88.57	8.2	33.36	8.1	25.0	1.47
F28	28 Feb 2023	13	13.71	88.56	8.2	33.36	8.1	25.0	1.50
F28	28 Feb 2023	14	13.70	88.65	8.2	33.36	8.1	25.0	1.53
F28	28 Feb 2023	15	13.69	88.66	8.2	33.36	8.1	25.0	1.70
F28	28 Feb 2023	16	13.69	88.69	8.2	33.36	8.1	25.0	1.82
F28	28 Feb 2023	17	13.69	88.70	8.2	33.36	8.1	25.0	2.11
F28	28 Feb 2023	18	13.68	89.05	8.2	33.36	8.1	25.0	1.79
F28	28 Feb 2023	19	13.67	89.24	8.2	33.36	8.1	25.0	1.84
F28	28 Feb 2023	20	13.66	89.34	8.2	33.36	8.1	25.0	1.99
F28	28 Feb 2023	21	13.64	89.32	8.1	33.36	8.1	25.0	2.07
F28	28 Feb 2023	22	13.61	89.32	8.1	33.36	8.1	25.0	1.92
F28	28 Feb 2023	23	13.60	89.43	8.2	33.36	8.1	25.0	2.01
F28	28 Feb 2023	24	13.60	89.47	8.2	33.36	8.1	25.0	2.05
F28	28 Feb 2023	25	13.58	89.64	8.1	33.36	8.1	25.0	2.06
F28	28 Feb 2023	26	13.57	89.93	8.1	33.36	8.1	25.0	1.99
F28	28 Feb 2023	27	13.56	90.12	8.1	33.36	8.1	25.0	1.91
F28	28 Feb 2023	28	13.56	90.49	8.0	33.36	8.1	25.0	1.69
F28	28 Feb 2023	29	13.55	91.01	8.0	33.36	8.1	25.0	1.77
F28	28 Feb 2023	30	13.54	91.29	8.0	33.36	8.1	25.0	1.51
F28	28 Feb 2023	31	13.53	91.67	7.9	33.36	8.1	25.0	1.35
F28	28 Feb 2023	32	13.50	91.97	7.9	33.36	8.1	25.0	1.22
F28	28 Feb 2023	33	13.47	92.00	7.8	33.37	8.1	25.0	1.12
F28	28 Feb 2023	34	13.45	92.01	7.8	33.37	8.1	25.0	1.20
F28	28 Feb 2023	35	13.44	91.94	7.8	33.36	8.1	25.0	1.27
F28	28 Feb 2023	36	13.39	91.84	7.7	33.37	8.1	25.1	1.17
F28	28 Feb 2023	37	13.28	91.98	7.4	33.38	8.1	25.1	1.04
F28	28 Feb 2023	38	13.18	92.39	7.2	33.38	8.0	25.1	0.94
F28	28 Feb 2023	39	13.13	92.58	7.2	33.39	8.0	25.1	0.90
F28	28 Feb 2023	40	13.08	92.67	7.0	33.39	8.0	25.1	0.94
F28	28 Feb 2023	41	12.87	92.73	6.7	33.40	8.0	25.2	0.79
F28	28 Feb 2023	42	12.80	92.87	6.6	33.40	8.0	25.2	0.74
F28	28 Feb 2023	43	12.75	92.96	6.6	33.40	8.0	25.2	0.72
F28	28 Feb 2023	44	12.69	92.94	6.5	33.41	8.0	25.2	0.71
F28	28 Feb 2023	45	12.62	92.95	6.3	33.41	8.0	25.2	0.71
F28	28 Feb 2023	46	12.31	92.97	6.1	33.42	7.9	25.3	0.72
F28	28 Feb 2023	47	12.06	93.07	6.0	33.41	7.9	25.3	0.68
F28	28 Feb 2023	48	12.01	93.20	5.9	33.41	7.9	25.4	0.71
F28	28 Feb 2023	49	12.01	93.23	5.9	33.41	7.9	25.4	0.68
F28	28 Feb 2023	50	11.99	93.33	6.0	33.41	7.9	25.4	0.66
F28	28 Feb 2023	51	11.96	93.33	5.9	33.41	7.9	25.4	0.63
F28	28 Feb 2023	52	11.94	93.34	5.8	33.42	7.9	25.4	0.64
F28	28 Feb 2023	53	11.84	93.33	5.7	33.44	7.9	25.4	0.63
F28	28 Feb 2023	54	11.73	93.38	5.6	33.46	7.9	25.4	0.56
F28	28 Feb 2023	55	11.67	93.54	5.5	33.47	7.9	25.5	0.50
F28	28 Feb 2023	56	11.59	93.61	5.5	33.49	7.9	25.5	0.46
F28	28 Feb 2023	57	11.56	93.59	5.4	33.50	7.9	25.5	0.44
F28	28 Feb 2023	58	11.48	93.61	5.3	33.52	7.8	25.5	0.42
F28	28 Feb 2023	59	11.40	93.68	5.2	33.55	7.8	25.6	0.37
F28	28 Feb 2023	60	11.34	93.72	5.2	33.56	7.8	25.6	0.36
F28	28 Feb 2023	61	11.29	93.69	5.2	33.56	7.8	25.6	0.34
F28	28 Feb 2023	62	11.28	93.77	5.2	33.57	7.8	25.6	0.34
F28	28 Feb 2023	63	11.27	93.79	5.2	33.57	7.8	25.6	0.33
F28	28 Feb 2023	64	11.27	93.78	5.1	33.57	7.8	25.6	0.33
F28	28 Feb 2023	65	11.26	93.76	5.1	33.58	7.8	25.6	0.32
F28	28 Feb 2023	66	11.25	93.79	5.0	33.59	7.8	25.6	0.31
F28	28 Feb 2023	67	11.23	93.79	4.9	33.60	7.8	25.6	0.32

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F28	28 Feb 2023	68	11.15	93.80	4.8	33.63	7.8	25.7	0.30
F28	28 Feb 2023	69	11.11	93.82	4.7	33.65	7.8	25.7	0.28
F28	28 Feb 2023	70	11.10	93.86	4.7	33.65	7.8	25.7	0.26
F28	28 Feb 2023	71	11.11	93.82	4.7	33.66	7.8	25.7	0.26
F28	28 Feb 2023	72	11.11	93.67	4.6	33.66	7.8	25.7	0.25
F28	28 Feb 2023	73	11.12	93.71	4.6	33.67	7.8	25.7	0.26
F28	28 Feb 2023	74	11.12	93.68	4.5	33.69	7.8	25.7	0.25
F28	28 Feb 2023	75	11.12	93.48	4.4	33.70	7.8	25.7	0.25
F28	28 Feb 2023	76	11.13	93.14	4.2	33.72	7.8	25.8	0.25
F28	28 Feb 2023	77	11.13	92.75	4.2	33.73	7.8	25.8	0.25
F28	28 Feb 2023	78	11.13	92.57	4.1	33.74	7.8	25.8	0.25
F28	28 Feb 2023	79	11.12	92.45	4.0	33.75	7.8	25.8	0.24
F28	28 Feb 2023	80	11.12	92.28	3.9	33.76	7.8	25.8	0.25
F28	28 Feb 2023	81	11.09	91.83	3.8	33.78	7.8	25.8	0.24
F28	28 Feb 2023	82	11.09	91.37	3.8	33.78	7.7	25.8	0.24
F28	28 Feb 2023	83	11.08	91.35	3.8	33.78	7.7	25.8	0.23
F28	28 Feb 2023	84	11.09	91.40	3.8	33.78	7.7	25.8	0.23
F28	28 Feb 2023	85	11.08	91.46	3.8	33.78	7.7	25.8	0.23
F28	28 Feb 2023	86	11.07	91.38	3.8	33.78	7.7	25.8	0.23
F28	28 Feb 2023	87	11.05	91.53	3.8	33.79	7.7	25.8	0.22
F28	28 Feb 2023	88	10.99	91.94	3.8	33.81	7.7	25.8	0.22
F28	28 Feb 2023	89	10.95	91.98	3.7	33.82	7.7	25.9	0.22
F28	28 Feb 2023	90	10.92	91.08	3.6	33.83	7.7	25.9	0.21
F28	28 Feb 2023	91	10.88	91.43	3.6	33.85	7.7	25.9	0.20
F28	28 Feb 2023	92	10.82	91.91	3.5	33.87	7.7	25.9	0.19
F28	28 Feb 2023	93	10.77	91.98	3.5	33.88	7.7	25.9	0.19
F28	28 Feb 2023	94	10.74	91.93	3.5	33.89	7.7	26.0	0.21
F28	28 Feb 2023	95	10.70	92.31	3.4	33.90	7.7	26.0	0.19
F28	28 Feb 2023	96	10.65	92.23	3.4	33.92	7.7	26.0	0.18
F28	28 Feb 2023	97	10.58	91.91	3.3	33.94	7.7	26.0	0.19
F28	28 Feb 2023	98	10.56	91.56	3.2	33.95	7.7	26.0	0.18
F28	28 Feb 2023	99	10.56	91.35	3.2	33.95	7.7	26.0	0.18
F28	28 Feb 2023	100	10.55	91.18	3.2	33.95	7.7	26.0	0.18
F28	28 Feb 2023	101	10.56	85.22	3.2	33.95	7.7	26.0	0.18
F29	28 Feb 2023	1	13.84	89.32	8.2	33.36	8.1	25.0	0.55
F29	28 Feb 2023	2	13.84	89.42	8.2	33.36	8.1	25.0	0.60
F29	28 Feb 2023	3	13.78	89.36	8.2	33.36	8.1	25.0	0.64
F29	28 Feb 2023	4	13.79	89.30	8.2	33.36	8.1	25.0	0.68
F29	28 Feb 2023	5	13.76	89.23	8.2	33.36	8.1	25.0	0.74
F29	28 Feb 2023	6	13.72	89.20	8.2	33.36	8.1	25.0	0.86
F29	28 Feb 2023	7	13.69	88.97	8.2	33.36	8.1	25.0	0.90
F29	28 Feb 2023	8	13.68	88.81	8.2	33.36	8.1	25.0	1.02
F29	28 Feb 2023	9	13.68	88.90	8.2	33.36	8.1	25.0	1.09
F29	28 Feb 2023	10	13.66	88.94	8.2	33.36	8.1	25.0	1.17
F29	28 Feb 2023	11	13.66	89.00	8.2	33.36	8.1	25.0	1.28
F29	28 Feb 2023	12	13.66	88.96	8.2	33.36	8.1	25.0	1.35
F29	28 Feb 2023	13	13.66	88.99	8.2	33.36	8.1	25.0	1.45
F29	28 Feb 2023	14	13.65	89.05	8.2	33.36	8.1	25.0	1.52
F29	28 Feb 2023	15	13.65	89.01	8.1	33.36	8.1	25.0	1.59
F29	28 Feb 2023	16	13.65	89.04	8.1	33.36	8.1	25.0	1.69
F29	28 Feb 2023	17	13.65	89.14	8.2	33.36	8.1	25.0	1.77
F29	28 Feb 2023	18	13.64	89.01	8.2	33.36	8.1	25.0	1.82
F29	28 Feb 2023	19	13.64	89.26	8.2	33.36	8.1	25.0	2.07
F29	28 Feb 2023	20	13.63	89.44	8.2	33.36	8.1	25.0	1.95
F29	28 Feb 2023	21	13.63	89.53	8.2	33.36	8.1	25.0	1.95
F29	28 Feb 2023	22	13.63	89.52	8.1	33.36	8.1	25.0	1.79
F29	28 Feb 2023	23	13.63	89.64	8.1	33.36	8.1	25.0	1.80
F29	28 Feb 2023	24	13.63	89.93	8.1	33.36	8.1	25.0	1.81
F29	28 Feb 2023	25	13.63	90.12	8.1	33.36	8.1	25.0	1.76
F29	28 Feb 2023	26	13.62	90.25	8.1	33.36	8.1	25.0	1.81

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F29	28 Feb 2023	27	13.61	90.55	8.0	33.36	8.1	25.0	1.68
F29	28 Feb 2023	28	13.61	90.90	8.0	33.36	8.1	25.0	1.68
F29	28 Feb 2023	29	13.58	91.04	8.0	33.36	8.1	25.0	1.50
F29	28 Feb 2023	30	13.55	91.04	8.0	33.36	8.1	25.0	1.46
F29	28 Feb 2023	31	13.54	91.19	8.0	33.36	8.1	25.0	1.48
F29	28 Feb 2023	32	13.53	91.37	7.9	33.36	8.1	25.0	1.40
F29	28 Feb 2023	33	13.50	91.41	7.8	33.36	8.1	25.0	1.53
F29	28 Feb 2023	34	13.49	91.47	7.8	33.37	8.1	25.0	1.36
F29	28 Feb 2023	35	13.49	91.66	7.8	33.37	8.1	25.0	1.36
F29	28 Feb 2023	36	13.48	91.74	7.8	33.37	8.1	25.0	1.25
F29	28 Feb 2023	37	13.47	91.79	7.8	33.37	8.1	25.0	1.25
F29	28 Feb 2023	38	13.46	91.85	7.8	33.37	8.1	25.0	1.32
F29	28 Feb 2023	39	13.44	91.91	7.6	33.37	8.1	25.0	1.51
F29	28 Feb 2023	40	13.34	92.00	7.2	33.37	8.1	25.1	1.14
F29	28 Feb 2023	41	12.81	92.25	6.7	33.42	8.0	25.2	0.96
F29	28 Feb 2023	42	12.48	92.66	6.2	33.43	8.0	25.3	0.86
F29	28 Feb 2023	43	12.35	92.94	5.9	33.44	7.9	25.3	0.80
F29	28 Feb 2023	44	12.20	92.97	5.8	33.45	7.9	25.3	0.72
F29	28 Feb 2023	45	12.08	92.90	5.7	33.45	7.9	25.4	0.69
F29	28 Feb 2023	46	12.03	92.99	5.6	33.46	7.9	25.4	0.71
F29	28 Feb 2023	47	11.96	93.09	5.6	33.47	7.9	25.4	0.66
F29	28 Feb 2023	48	11.84	93.16	5.6	33.47	7.9	25.4	0.73
F29	28 Feb 2023	49	11.81	93.29	5.6	33.47	7.9	25.4	0.61
F29	28 Feb 2023	50	11.72	93.29	5.5	33.48	7.9	25.5	0.55
F29	28 Feb 2023	51	11.66	93.22	5.4	33.49	7.9	25.5	0.50
F29	28 Feb 2023	52	11.65	93.44	5.3	33.49	7.8	25.5	0.50
F29	28 Feb 2023	53	11.64	93.40	5.4	33.50	7.8	25.5	0.49
F29	28 Feb 2023	54	11.61	93.43	5.4	33.50	7.8	25.5	0.45
F29	28 Feb 2023	55	11.59	93.50	5.3	33.51	7.8	25.5	0.44
F29	28 Feb 2023	56	11.55	93.31	5.3	33.51	7.8	25.5	0.42
F29	28 Feb 2023	57	11.47	93.51	5.3	33.54	7.8	25.6	0.40
F29	28 Feb 2023	58	11.44	93.59	5.2	33.54	7.8	25.6	0.37
F29	28 Feb 2023	59	11.43	93.65	5.2	33.55	7.8	25.6	0.37
F29	28 Feb 2023	60	11.42	93.67	5.2	33.55	7.8	25.6	0.37
F29	28 Feb 2023	61	11.42	93.65	5.2	33.55	7.8	25.6	0.35
F29	28 Feb 2023	62	11.41	93.66	5.1	33.56	7.8	25.6	0.35
F29	28 Feb 2023	63	11.41	93.63	5.1	33.56	7.8	25.6	0.35
F29	28 Feb 2023	64	11.40	93.65	5.1	33.57	7.8	25.6	0.35
F29	28 Feb 2023	65	11.34	93.65	5.0	33.59	7.8	25.6	0.33
F29	28 Feb 2023	66	11.26	93.67	4.9	33.61	7.8	25.6	0.31
F29	28 Feb 2023	67	11.23	93.52	4.8	33.63	7.8	25.7	0.31
F29	28 Feb 2023	68	11.21	93.44	4.7	33.64	7.8	25.7	0.28
F29	28 Feb 2023	69	11.18	93.44	4.6	33.65	7.8	25.7	0.28
F29	28 Feb 2023	70	11.20	93.49	4.5	33.67	7.8	25.7	0.27
F29	28 Feb 2023	71	11.20	93.08	4.4	33.69	7.8	25.7	0.27
F29	28 Feb 2023	72	11.20	92.83	4.3	33.70	7.8	25.7	0.26
F29	28 Feb 2023	73	11.20	92.71	4.3	33.70	7.8	25.7	0.27
F29	28 Feb 2023	74	11.20	92.52	4.2	33.72	7.8	25.7	0.26
F29	28 Feb 2023	75	11.20	92.32	4.1	33.73	7.8	25.7	0.26
F29	28 Feb 2023	76	11.20	91.77	4.0	33.74	7.8	25.8	0.26
F29	28 Feb 2023	77	11.19	90.89	3.9	33.75	7.8	25.8	0.26
F29	28 Feb 2023	78	11.18	90.57	3.9	33.75	7.8	25.8	0.25
F29	28 Feb 2023	79	11.18	90.52	3.9	33.75	7.8	25.8	0.25
F29	28 Feb 2023	80	11.17	90.48	3.9	33.75	7.8	25.8	0.25
F29	28 Feb 2023	81	11.17	90.53	3.9	33.75	7.8	25.8	0.26
F29	28 Feb 2023	82	11.17	90.60	3.9	33.75	7.8	25.8	0.25
F29	28 Feb 2023	83	11.16	90.66	3.9	33.76	7.8	25.8	0.25
F29	28 Feb 2023	84	11.15	90.70	3.9	33.76	7.8	25.8	0.25
F29	28 Feb 2023	85	11.15	90.91	3.9	33.76	7.8	25.8	0.25
F29	28 Feb 2023	86	11.15	91.03	3.9	33.76	7.8	25.8	0.25
F29	28 Feb 2023	87	11.14	90.86	3.8	33.76	7.7	25.8	0.24

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F29	28 Feb 2023	88	11.13	90.67	3.8	33.76	7.7	25.8	0.25
F29	28 Feb 2023	89	11.06	90.29	3.8	33.78	7.7	25.8	0.24
F29	28 Feb 2023	90	11.02	90.29	3.8	33.80	7.7	25.8	0.24
F29	28 Feb 2023	91	11.02	91.41	3.8	33.80	7.7	25.8	0.23
F29	28 Feb 2023	92	10.97	91.99	3.7	33.81	7.7	25.9	0.22
F29	28 Feb 2023	93	10.92	91.90	3.7	33.83	7.7	25.9	0.21
F29	28 Feb 2023	94	10.92	91.65	3.6	33.83	7.7	25.9	0.21
F29	28 Feb 2023	95	10.89	91.42	3.6	33.83	7.7	25.9	0.21
F29	28 Feb 2023	96	10.83	91.26	3.5	33.86	7.7	25.9	0.20
F29	28 Feb 2023	97	10.81	91.57	3.5	33.86	7.7	25.9	0.20
F29	28 Feb 2023	98	10.81	91.72	3.5	33.86	7.7	25.9	0.20
F29	28 Feb 2023	99	10.77	91.87	3.5	33.88	7.7	25.9	0.20
F29	28 Feb 2023	100	10.66	91.55	3.4	33.91	7.7	26.0	0.19
F30	28 Feb 2023	1	13.75	88.66	8.2	33.35	8.1	25.0	0.73
F30	28 Feb 2023	2	13.75	88.64	8.2	33.35	8.1	25.0	0.72
F30	28 Feb 2023	3	13.76	88.76	8.2	33.35	8.1	25.0	0.70
F30	28 Feb 2023	4	13.73	88.92	8.2	33.36	8.1	25.0	0.73
F30	28 Feb 2023	5	13.69	88.73	8.2	33.36	8.1	25.0	0.78
F30	28 Feb 2023	6	13.69	88.58	8.3	33.35	8.1	25.0	0.91
F30	28 Feb 2023	7	13.65	88.33	8.3	33.36	8.1	25.0	1.01
F30	28 Feb 2023	8	13.63	88.29	8.3	33.36	8.1	25.0	1.06
F30	28 Feb 2023	9	13.62	88.07	8.3	33.36	8.1	25.0	1.18
F30	28 Feb 2023	10	13.61	88.25	8.2	33.36	8.1	25.0	1.31
F30	28 Feb 2023	11	13.61	88.23	8.2	33.36	8.1	25.0	1.35
F30	28 Feb 2023	12	13.60	88.24	8.2	33.35	8.1	25.0	1.49
F30	28 Feb 2023	13	13.60	88.27	8.2	33.36	8.1	25.0	1.57
F30	28 Feb 2023	14	13.60	88.31	8.3	33.36	8.1	25.0	1.62
F30	28 Feb 2023	15	13.59	88.29	8.2	33.36	8.1	25.0	1.85
F30	28 Feb 2023	16	13.59	88.43	8.2	33.36	8.1	25.0	1.81
F30	28 Feb 2023	17	13.59	88.50	8.2	33.36	8.1	25.0	1.83
F30	28 Feb 2023	18	13.58	88.45	8.2	33.36	8.1	25.0	2.30
F30	28 Feb 2023	19	13.58	88.60	8.2	33.36	8.1	25.0	2.07
F30	28 Feb 2023	20	13.58	88.44	8.2	33.36	8.1	25.0	1.90
F30	28 Feb 2023	21	13.57	88.54	8.2	33.36	8.1	25.0	1.97
F30	28 Feb 2023	22	13.57	88.65	8.2	33.36	8.1	25.0	2.00
F30	28 Feb 2023	23	13.56	88.81	8.2	33.36	8.1	25.0	2.06
F30	28 Feb 2023	24	13.56	88.94	8.2	33.36	8.1	25.0	2.00
F30	28 Feb 2023	25	13.55	89.24	8.2	33.36	8.1	25.0	1.88
F30	28 Feb 2023	26	13.53	89.42	8.1	33.36	8.1	25.0	1.91
F30	28 Feb 2023	27	13.52	89.87	8.1	33.35	8.1	25.0	1.91
F30	28 Feb 2023	28	13.52	90.09	8.1	33.36	8.1	25.0	1.79
F30	28 Feb 2023	29	13.52	90.28	8.1	33.36	8.1	25.0	1.79
F30	28 Feb 2023	30	13.52	90.49	8.1	33.36	8.1	25.0	1.80
F30	28 Feb 2023	31	13.51	90.69	8.0	33.36	8.1	25.0	1.60
F30	28 Feb 2023	32	13.47	91.18	7.9	33.36	8.1	25.0	1.56
F30	28 Feb 2023	33	13.46	91.80	7.8	33.36	8.1	25.0	1.31
F30	28 Feb 2023	34	13.35	91.91	7.6	33.37	8.1	25.1	1.12
F30	28 Feb 2023	35	13.29	92.04	7.5	33.38	8.1	25.1	1.28
F30	28 Feb 2023	36	13.28	92.19	7.5	33.38	8.0	25.1	1.05
F30	28 Feb 2023	37	13.27	92.26	7.5	33.38	8.0	25.1	0.99
F30	28 Feb 2023	38	13.26	92.27	7.4	33.38	8.0	25.1	0.96
F30	28 Feb 2023	39	13.25	92.35	7.4	33.38	8.0	25.1	0.95
F30	28 Feb 2023	40	13.12	92.29	7.2	33.39	8.0	25.1	0.93
F30	28 Feb 2023	41	12.98	92.44	6.9	33.40	8.0	25.2	0.83
F30	28 Feb 2023	42	12.70	92.64	6.6	33.41	8.0	25.2	0.77
F30	28 Feb 2023	43	12.52	92.93	6.3	33.42	8.0	25.3	0.70
F30	28 Feb 2023	44	12.21	93.02	6.0	33.43	7.9	25.3	0.69
F30	28 Feb 2023	45	12.06	93.13	5.8	33.44	7.9	25.4	0.69
F30	28 Feb 2023	46	11.92	93.12	5.7	33.45	7.9	25.4	0.76
F30	28 Feb 2023	47	11.81	93.17	5.6	33.47	7.9	25.4	0.58

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F30	28 Feb 2023	48	11.79	93.25	5.5	33.48	7.9	25.4	0.55
F30	28 Feb 2023	49	11.77	93.21	5.4	33.48	7.9	25.5	0.56
F30	28 Feb 2023	50	11.76	93.13	5.4	33.49	7.9	25.5	0.54
F30	28 Feb 2023	51	11.76	93.13	5.4	33.49	7.8	25.5	0.54
F30	28 Feb 2023	52	11.72	93.14	5.4	33.50	7.8	25.5	0.52
F30	28 Feb 2023	53	11.69	93.24	5.4	33.50	7.8	25.5	0.52
F30	28 Feb 2023	54	11.63	93.21	5.3	33.51	7.8	25.5	0.46
F30	28 Feb 2023	55	11.57	93.29	5.2	33.52	7.8	25.5	0.45
F30	28 Feb 2023	56	11.55	93.48	5.2	33.53	7.8	25.5	0.43
F30	28 Feb 2023	57	11.45	93.52	5.1	33.56	7.8	25.6	0.41
F30	28 Feb 2023	58	11.32	93.44	4.8	33.60	7.8	25.6	0.36
F30	28 Feb 2023	59	11.29	92.18	4.6	33.62	7.8	25.6	0.34
F30	28 Feb 2023	60	11.30	91.28	4.5	33.62	7.8	25.6	0.32
F30	28 Feb 2023	61	11.26	90.85	4.3	33.63	7.8	25.7	0.31
F30	28 Feb 2023	62	11.25	90.07	4.2	33.63	7.8	25.7	0.30
F30	28 Feb 2023	63	11.23	89.83	4.2	33.63	7.8	25.7	0.29
F30	28 Feb 2023	64	11.21	89.46	4.1	33.63	7.8	25.7	0.28
F30	28 Feb 2023	65	11.21	89.17	4.0	33.63	7.8	25.7	0.29
F30	28 Feb 2023	66	11.21	88.93	4.0	33.63	7.8	25.7	0.28
F30	28 Feb 2023	67	11.21	88.67	4.0	33.63	7.8	25.7	0.29
F30	28 Feb 2023	68	11.19	88.61	4.0	33.64	7.7	25.7	0.28
F30	28 Feb 2023	69	11.19	88.45	3.9	33.65	7.7	25.7	0.27
F30	28 Feb 2023	70	11.19	88.45	3.9	33.65	7.7	25.7	0.28
F30	28 Feb 2023	71	11.18	88.45	3.9	33.65	7.7	25.7	0.28
F30	28 Feb 2023	72	11.19	88.55	3.9	33.65	7.7	25.7	0.27
F30	28 Feb 2023	73	11.18	88.62	3.9	33.66	7.7	25.7	0.28
F30	28 Feb 2023	74	11.18	88.48	3.8	33.66	7.7	25.7	0.27
F30	28 Feb 2023	75	11.18	88.51	3.9	33.66	7.7	25.7	0.27
F30	28 Feb 2023	76	11.19	88.68	3.9	33.67	7.7	25.7	0.27
F30	28 Feb 2023	77	11.20	88.75	3.9	33.68	7.7	25.7	0.27
F30	28 Feb 2023	78	11.21	88.76	3.9	33.68	7.7	25.7	0.27
F30	28 Feb 2023	79	11.21	88.83	3.9	33.69	7.7	25.7	0.27
F30	28 Feb 2023	80	11.23	89.16	4.0	33.70	7.7	25.7	0.28
F30	28 Feb 2023	81	11.23	89.34	4.0	33.70	7.7	25.7	0.27
F30	28 Feb 2023	82	11.24	89.62	4.0	33.71	7.8	25.7	0.27
F30	28 Feb 2023	83	11.25	89.85	4.0	33.73	7.8	25.7	0.28
F30	28 Feb 2023	84	11.24	90.22	4.0	33.73	7.8	25.7	0.28
F30	28 Feb 2023	85	11.24	90.27	4.0	33.73	7.8	25.7	0.28
F30	28 Feb 2023	86	11.24	90.12	3.9	33.73	7.8	25.7	0.27
F30	28 Feb 2023	87	11.24	90.06	3.9	33.73	7.8	25.7	0.27
F30	28 Feb 2023	88	11.22	90.10	3.9	33.74	7.8	25.8	0.27
F30	28 Feb 2023	89	11.18	90.32	3.9	33.75	7.7	25.8	0.27
F30	28 Feb 2023	90	11.17	90.79	3.9	33.75	7.7	25.8	0.25
F30	28 Feb 2023	91	11.16	90.88	3.9	33.75	7.7	25.8	0.26
F30	28 Feb 2023	92	11.14	90.97	3.9	33.76	7.7	25.8	0.26
F30	28 Feb 2023	93	11.12	91.16	3.9	33.77	7.7	25.8	0.25
F30	28 Feb 2023	94	11.06	91.29	3.8	33.78	7.7	25.8	0.24
F30	28 Feb 2023	95	11.02	91.36	3.7	33.79	7.7	25.8	0.25
F30	28 Feb 2023	96	10.94	91.25	3.7	33.82	7.7	25.9	0.23
F30	28 Feb 2023	97	10.89	91.68	3.6	33.84	7.7	25.9	0.22
F30	28 Feb 2023	98	10.67	91.41	3.4	33.91	7.7	26.0	0.21
F30	28 Feb 2023	99	10.81	90.32	3.5	33.86	7.7	25.9	0.19
F31	28 Feb 2023	1	13.66	89.15	8.2	33.35	8.1	25.0	0.64
F31	28 Feb 2023	2	13.65	89.26	8.2	33.35	8.1	25.0	0.64
F31	28 Feb 2023	3	13.64	87.87	8.2	33.35	8.1	25.0	0.68
F31	28 Feb 2023	4	13.63	89.18	8.1	33.35	8.1	25.0	0.72
F31	28 Feb 2023	5	13.64	89.13	8.2	33.35	8.1	25.0	0.76
F31	28 Feb 2023	6	13.60	89.21	8.1	33.36	8.1	25.0	0.84
F31	28 Feb 2023	7	13.59	89.04	8.2	33.35	8.1	25.0	0.89
F31	28 Feb 2023	8	13.57	88.87	8.2	33.35	8.1	25.0	1.07

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F31	28 Feb 2023	9	13.56	88.79	8.2	33.35	8.1	25.0	1.09
F31	28 Feb 2023	10	13.55	88.75	8.2	33.35	8.1	25.0	1.18
F31	28 Feb 2023	11	13.55	88.60	8.2	33.35	8.1	25.0	1.29
F31	28 Feb 2023	12	13.54	88.72	8.2	33.35	8.1	25.0	1.40
F31	28 Feb 2023	13	13.54	88.65	8.2	33.35	8.1	25.0	1.52
F31	28 Feb 2023	14	13.54	88.67	8.2	33.35	8.1	25.0	1.62
F31	28 Feb 2023	15	13.54	88.59	8.1	33.35	8.1	25.0	1.70
F31	28 Feb 2023	16	13.54	88.59	8.1	33.35	8.1	25.0	1.81
F31	28 Feb 2023	17	13.54	88.69	8.2	33.35	8.1	25.0	1.80
F31	28 Feb 2023	18	13.53	88.82	8.2	33.35	8.1	25.0	1.91
F31	28 Feb 2023	19	13.53	88.79	8.1	33.35	8.1	25.0	2.00
F31	28 Feb 2023	20	13.53	88.90	8.1	33.35	8.1	25.0	1.96
F31	28 Feb 2023	21	13.53	88.94	8.1	33.35	8.1	25.0	1.91
F31	28 Feb 2023	22	13.53	88.94	8.1	33.35	8.1	25.0	2.00
F31	28 Feb 2023	23	13.53	89.06	8.1	33.35	8.1	25.0	2.02
F31	28 Feb 2023	24	13.52	89.00	8.1	33.35	8.1	25.0	2.08
F31	28 Feb 2023	25	13.52	89.26	8.1	33.35	8.1	25.0	1.98
F31	28 Feb 2023	26	13.52	89.42	8.1	33.35	8.1	25.0	2.06
F31	28 Feb 2023	27	13.51	89.89	8.0	33.35	8.1	25.0	1.82
F31	28 Feb 2023	28	13.51	90.18	8.1	33.35	8.1	25.0	1.99
F31	28 Feb 2023	29	13.50	90.28	8.1	33.35	8.1	25.0	1.82
F31	28 Feb 2023	30	13.50	90.43	8.0	33.35	8.1	25.0	1.72
F31	28 Feb 2023	31	13.49	90.63	8.0	33.35	8.1	25.0	1.75
F31	28 Feb 2023	32	13.49	91.05	8.0	33.35	8.1	25.0	1.76
F31	28 Feb 2023	33	13.46	91.42	7.9	33.36	8.1	25.0	1.50
F31	28 Feb 2023	34	13.41	91.66	7.6	33.36	8.1	25.0	1.29
F31	28 Feb 2023	35	13.26	92.07	7.4	33.38	8.0	25.1	1.17
F31	28 Feb 2023	36	13.19	92.42	7.2	33.39	8.0	25.1	1.06
F31	28 Feb 2023	37	13.03	92.52	7.0	33.40	8.0	25.1	0.93
F31	28 Feb 2023	38	12.87	92.62	6.7	33.41	8.0	25.2	0.90
F31	28 Feb 2023	39	12.77	92.64	6.6	33.42	8.0	25.2	0.82
F31	28 Feb 2023	40	12.69	92.76	6.4	33.42	8.0	25.2	0.81
F31	28 Feb 2023	41	12.43	92.79	6.2	33.43	8.0	25.3	0.77
F31	28 Feb 2023	42	12.07	92.84	5.9	33.45	7.9	25.4	0.71
F31	28 Feb 2023	43	11.97	93.02	5.7	33.46	7.9	25.4	0.66
F31	28 Feb 2023	44	11.87	93.06	5.6	33.47	7.9	25.4	0.65
F31	28 Feb 2023	45	11.86	93.07	5.6	33.47	7.9	25.4	0.63
F31	28 Feb 2023	46	11.86	93.06	5.5	33.47	7.9	25.4	0.61
F31	28 Feb 2023	47	11.85	92.92	5.4	33.49	7.9	25.4	0.58
F31	28 Feb 2023	48	11.78	92.54	5.3	33.52	7.8	25.5	0.56
F31	28 Feb 2023	49	11.73	92.51	5.2	33.53	7.8	25.5	0.54
F31	28 Feb 2023	50	11.67	92.77	5.1	33.54	7.8	25.5	0.51
F31	28 Feb 2023	51	11.61	92.78	5.0	33.55	7.8	25.5	0.46
F31	28 Feb 2023	52	11.57	92.85	5.0	33.56	7.8	25.5	0.45
F31	28 Feb 2023	53	11.57	92.96	4.9	33.56	7.8	25.6	0.43
F31	28 Feb 2023	54	11.54	93.00	4.9	33.56	7.8	25.6	0.42
F31	28 Feb 2023	55	11.46	93.14	4.8	33.58	7.8	25.6	0.39
F31	28 Feb 2023	56	11.37	92.58	4.4	33.61	7.8	25.6	0.37
F31	28 Feb 2023	57	11.37	90.31	4.2	33.62	7.8	25.6	0.35
F31	28 Feb 2023	58	11.37	89.46	4.2	33.62	7.8	25.6	0.34
F31	28 Feb 2023	59	11.35	89.39	4.3	33.62	7.8	25.6	0.32
F31	28 Feb 2023	60	11.34	89.45	4.3	33.61	7.8	25.6	0.33
F31	28 Feb 2023	61	11.33	89.62	4.4	33.62	7.8	25.6	0.33
F31	28 Feb 2023	62	11.33	89.89	4.4	33.62	7.8	25.6	0.33
F31	28 Feb 2023	63	11.36	90.24	4.4	33.63	7.8	25.6	0.33
F31	28 Feb 2023	64	11.40	90.31	4.3	33.65	7.8	25.6	0.33
F31	28 Feb 2023	65	11.42	90.39	4.2	33.66	7.8	25.7	0.32
F31	28 Feb 2023	66	11.39	90.90	4.2	33.67	7.8	25.7	0.33
F31	28 Feb 2023	67	11.33	90.64	4.2	33.69	7.8	25.7	0.32
F31	28 Feb 2023	68	11.30	90.34	4.1	33.71	7.8	25.7	0.31
F31	28 Feb 2023	69	11.30	90.15	4.0	33.71	7.8	25.7	0.31

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F31	28 Feb 2023	70	11.31	89.92	4.0	33.71	7.8	25.7	0.30
F31	28 Feb 2023	71	11.30	89.87	4.0	33.71	7.8	25.7	0.31
F31	28 Feb 2023	72	11.30	89.74	4.0	33.71	7.8	25.7	0.31
F31	28 Feb 2023	73	11.30	89.77	4.1	33.71	7.8	25.7	0.30
F31	28 Feb 2023	74	11.29	89.71	4.0	33.71	7.8	25.7	0.30
F31	28 Feb 2023	75	11.28	89.62	4.0	33.72	7.8	25.7	0.30
F31	28 Feb 2023	76	11.28	89.78	4.0	33.72	7.8	25.7	0.29
F31	28 Feb 2023	77	11.25	90.05	4.0	33.72	7.8	25.7	0.30
F31	28 Feb 2023	78	11.22	90.19	4.0	33.72	7.8	25.7	0.30
F31	28 Feb 2023	79	11.22	90.14	4.0	33.72	7.8	25.7	0.28
F31	28 Feb 2023	80	11.22	90.36	4.0	33.72	7.8	25.7	0.29
F31	28 Feb 2023	81	11.21	90.19	4.0	33.73	7.8	25.7	0.28
F31	28 Feb 2023	82	11.20	90.33	4.0	33.72	7.8	25.7	0.29
F31	28 Feb 2023	83	11.19	90.33	3.9	33.72	7.7	25.7	0.28
F31	28 Feb 2023	84	11.19	90.16	4.0	33.72	7.7	25.7	0.27
F31	28 Feb 2023	85	11.20	90.12	4.0	33.73	7.7	25.7	0.28
F31	28 Feb 2023	86	11.22	90.33	4.0	33.73	7.8	25.8	0.28
F31	28 Feb 2023	87	11.22	90.75	4.0	33.73	7.8	25.8	0.27
F31	28 Feb 2023	88	11.21	90.76	4.0	33.73	7.8	25.8	0.28
F31	28 Feb 2023	89	11.21	90.84	4.0	33.73	7.8	25.8	0.28
F31	28 Feb 2023	90	11.21	90.84	4.0	33.73	7.8	25.8	0.27
F31	28 Feb 2023	91	11.21	90.90	4.0	33.74	7.8	25.8	0.28
F31	28 Feb 2023	92	11.19	90.94	4.0	33.74	7.7	25.8	0.27
F31	28 Feb 2023	93	11.13	91.08	3.9	33.76	7.7	25.8	0.27
F31	28 Feb 2023	94	11.12	91.32	3.9	33.77	7.7	25.8	0.25
F31	28 Feb 2023	95	11.10	91.44	3.8	33.77	7.7	25.8	0.26
F31	28 Feb 2023	96	11.08	91.51	3.8	33.78	7.7	25.8	0.27
F31	28 Feb 2023	97	11.04	91.49	3.8	33.79	7.7	25.8	0.25
F31	28 Feb 2023	98	10.96	91.25	3.7	33.81	7.7	25.9	0.25
F31	28 Feb 2023	99	10.91	91.14	3.6	33.83	7.7	25.9	0.24
F31	28 Feb 2023	100	10.88	90.55	3.6	33.84	7.7	25.9	0.23
F32	28 Feb 2023	1	13.62	89.15	8.2	33.34	8.1	25.0	0.65
F32	28 Feb 2023	2	13.62	89.13	8.2	33.36	8.1	25.0	0.71
F32	28 Feb 2023	3	13.61	88.62	8.1	33.36	8.1	25.0	0.65
F32	28 Feb 2023	4	13.60	89.32	8.1	33.36	8.1	25.0	0.70
F32	28 Feb 2023	5	13.60	89.38	8.1	33.36	8.1	25.0	0.78
F32	28 Feb 2023	6	13.60	89.39	8.1	33.36	8.1	25.0	0.82
F32	28 Feb 2023	7	13.58	89.27	8.1	33.36	8.1	25.0	0.90
F32	28 Feb 2023	8	13.58	89.16	8.1	33.36	8.1	25.0	0.98
F32	28 Feb 2023	9	13.57	89.15	8.1	33.36	8.1	25.0	1.05
F32	28 Feb 2023	10	13.56	89.09	8.2	33.36	8.1	25.0	1.21
F32	28 Feb 2023	11	13.56	89.07	8.1	33.36	8.1	25.0	1.33
F32	28 Feb 2023	12	13.55	89.01	8.1	33.36	8.1	25.0	1.34
F32	28 Feb 2023	13	13.55	89.02	8.2	33.36	8.1	25.0	1.40
F32	28 Feb 2023	14	13.55	89.05	8.1	33.36	8.1	25.0	1.51
F32	28 Feb 2023	15	13.54	89.04	8.1	33.36	8.1	25.0	1.67
F32	28 Feb 2023	16	13.54	89.13	8.1	33.36	8.1	25.0	1.72
F32	28 Feb 2023	17	13.54	89.11	8.1	33.36	8.1	25.0	1.68
F32	28 Feb 2023	18	13.54	89.14	8.1	33.36	8.1	25.0	1.76
F32	28 Feb 2023	19	13.54	89.21	8.1	33.36	8.1	25.0	1.82
F32	28 Feb 2023	20	13.53	89.26	8.1	33.36	8.1	25.0	1.84
F32	28 Feb 2023	21	13.53	89.33	8.1	33.36	8.1	25.0	1.84
F32	28 Feb 2023	22	13.53	89.37	8.1	33.36	8.1	25.0	1.86
F32	28 Feb 2023	23	13.53	89.50	8.1	33.36	8.1	25.0	1.95
F32	28 Feb 2023	24	13.53	89.65	8.1	33.36	8.1	25.0	1.84
F32	28 Feb 2023	25	13.52	89.91	8.1	33.36	8.1	25.0	1.75
F32	28 Feb 2023	26	13.52	90.05	8.1	33.36	8.1	25.0	1.75
F32	28 Feb 2023	27	13.52	90.20	8.0	33.36	8.1	25.0	1.84
F32	28 Feb 2023	28	13.51	90.40	8.0	33.36	8.1	25.0	1.76
F32	28 Feb 2023	29	13.50	90.81	8.0	33.36	8.1	25.0	1.60

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F32	28 Feb 2023	30	13.49	91.18	7.9	33.36	8.1	25.0	1.55
F32	28 Feb 2023	31	13.49	91.30	7.9	33.36	8.1	25.0	1.42
F32	28 Feb 2023	32	13.48	91.40	7.9	33.36	8.1	25.0	1.42
F32	28 Feb 2023	33	13.46	91.55	7.7	33.36	8.1	25.0	1.23
F32	28 Feb 2023	34	13.33	91.76	7.4	33.38	8.1	25.1	1.09
F32	28 Feb 2023	35	13.14	92.12	7.1	33.40	8.0	25.1	0.96
F32	28 Feb 2023	36	12.97	92.38	6.8	33.41	8.0	25.2	0.84
F32	28 Feb 2023	37	12.78	92.54	6.5	33.42	8.0	25.2	0.81
F32	28 Feb 2023	38	12.57	92.66	6.2	33.44	8.0	25.3	0.78
F32	28 Feb 2023	39	12.43	92.72	6.0	33.45	7.9	25.3	0.74
F32	28 Feb 2023	40	12.21	92.80	5.8	33.47	7.9	25.4	0.70
F32	28 Feb 2023	41	12.01	92.80	5.5	33.50	7.9	25.4	0.65
F32	28 Feb 2023	42	11.97	92.52	5.4	33.50	7.9	25.4	0.62
F32	28 Feb 2023	43	11.96	92.28	5.4	33.50	7.9	25.4	0.59
F32	28 Feb 2023	44	11.87	92.54	5.3	33.52	7.8	25.5	0.57
F32	28 Feb 2023	45	11.80	92.39	5.2	33.53	7.8	25.5	0.56
F32	28 Feb 2023	46	11.79	92.29	5.1	33.53	7.8	25.5	0.57
F32	28 Feb 2023	47	11.67	92.29	5.0	33.56	7.8	25.5	0.49
F32	28 Feb 2023	48	11.57	92.14	4.8	33.57	7.8	25.6	0.45
F32	28 Feb 2023	49	11.57	92.07	4.8	33.57	7.8	25.6	0.53
F32	28 Feb 2023	50	11.57	92.17	4.8	33.57	7.8	25.6	0.42
F32	28 Feb 2023	51	11.57	92.24	4.8	33.58	7.8	25.6	0.41
F32	28 Feb 2023	52	11.57	92.34	4.8	33.58	7.8	25.6	0.41
F32	28 Feb 2023	53	11.57	92.45	4.8	33.59	7.8	25.6	0.41
F32	28 Feb 2023	54	11.57	92.45	4.7	33.59	7.8	25.6	0.40
F32	28 Feb 2023	55	11.53	92.38	4.6	33.61	7.8	25.6	0.38
F32	28 Feb 2023	56	11.50	92.10	4.5	33.62	7.8	25.6	0.36
F32	28 Feb 2023	57	11.46	91.22	4.4	33.62	7.8	25.6	0.37
F32	28 Feb 2023	58	11.49	90.77	4.4	33.61	7.8	25.6	0.36
F32	28 Feb 2023	59	11.42	90.24	4.3	33.61	7.8	25.6	0.36
F32	28 Feb 2023	60	11.38	89.21	4.2	33.61	7.8	25.6	0.34
F32	28 Feb 2023	61	11.37	88.50	4.2	33.60	7.8	25.6	0.32
F32	28 Feb 2023	62	11.34	88.26	4.1	33.60	7.8	25.6	0.32
F32	28 Feb 2023	63	11.34	87.94	4.1	33.60	7.8	25.6	0.31
F32	28 Feb 2023	64	11.34	87.99	4.1	33.60	7.8	25.6	0.32
F32	28 Feb 2023	65	11.34	87.90	4.1	33.61	7.8	25.6	0.30
F32	28 Feb 2023	66	11.33	87.80	4.1	33.61	7.8	25.6	0.31
F32	28 Feb 2023	67	11.31	87.79	4.0	33.62	7.8	25.6	0.31
F32	28 Feb 2023	68	11.29	88.17	4.0	33.65	7.8	25.7	0.30
F32	28 Feb 2023	69	11.27	88.92	4.0	33.66	7.8	25.7	0.28
F32	28 Feb 2023	70	11.25	89.14	4.0	33.68	7.8	25.7	0.29
F32	28 Feb 2023	71	11.24	89.15	4.0	33.68	7.7	25.7	0.28
F32	28 Feb 2023	72	11.25	89.10	4.0	33.68	7.7	25.7	0.29
F32	28 Feb 2023	73	11.24	89.13	4.0	33.69	7.7	25.7	0.29
F32	28 Feb 2023	74	11.25	89.25	4.0	33.69	7.8	25.7	0.29
F32	28 Feb 2023	75	11.25	89.35	4.0	33.69	7.7	25.7	0.29
F32	28 Feb 2023	76	11.23	89.23	4.0	33.69	7.7	25.7	0.29
F32	28 Feb 2023	77	11.23	89.09	4.0	33.69	7.7	25.7	0.32
F32	28 Feb 2023	78	11.24	89.31	4.0	33.70	7.7	25.7	0.29
F32	28 Feb 2023	79	11.24	89.63	4.0	33.70	7.7	25.7	0.29
F32	28 Feb 2023	80	11.24	89.86	4.0	33.71	7.7	25.7	0.29
F32	28 Feb 2023	81	11.23	89.94	4.0	33.71	7.7	25.7	0.28
F32	28 Feb 2023	82	11.22	89.95	4.0	33.72	7.7	25.7	0.29
F32	28 Feb 2023	83	11.19	90.06	3.9	33.73	7.7	25.8	0.28
F32	28 Feb 2023	84	11.16	89.82	3.9	33.74	7.7	25.8	0.26
F32	28 Feb 2023	85	11.12	89.55	3.8	33.75	7.7	25.8	0.28
F32	28 Feb 2023	86	11.11	89.45	3.8	33.76	7.7	25.8	0.27
F32	28 Feb 2023	87	11.09	89.34	3.8	33.76	7.7	25.8	0.26
F32	28 Feb 2023	88	11.08	89.18	3.8	33.77	7.7	25.8	0.26
F32	28 Feb 2023	89	11.07	89.55	3.8	33.77	7.7	25.8	0.27
F32	28 Feb 2023	90	11.06	89.68	3.8	33.78	7.7	25.8	0.27

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F32	28 Feb 2023	91	11.04	89.86	3.8	33.78	7.7	25.8	0.26
F32	28 Feb 2023	92	11.03	89.96	3.7	33.79	7.7	25.8	0.25
F32	28 Feb 2023	93	11.02	90.08	3.8	33.79	7.7	25.8	0.25
F32	28 Feb 2023	94	11.02	90.12	3.7	33.79	7.7	25.8	0.26
F32	28 Feb 2023	95	11.01	90.01	3.7	33.79	7.7	25.8	0.25
F32	28 Feb 2023	96	10.98	90.18	3.7	33.80	7.7	25.8	0.24
F32	28 Feb 2023	97	10.98	90.29	3.7	33.80	7.7	25.8	0.25
F32	28 Feb 2023	98	10.96	90.24	3.6	33.81	7.7	25.9	0.24
F32	28 Feb 2023	99	10.84	90.53	3.6	33.85	7.7	25.9	0.23
F32	28 Feb 2023	100	10.74	91.11	3.5	33.88	7.7	25.9	0.21
F32	28 Feb 2023	101	10.74	91.41	3.4	33.88	7.7	25.9	0.19
F32	28 Feb 2023	102	10.77	86.62	3.5	33.87	7.7	25.9	0.20
F33	28 Feb 2023	1	13.60	89.12	8.2	33.35	8.1	25.0	0.71
F33	28 Feb 2023	2	13.60	89.18	8.2	33.36	8.1	25.0	0.69
F33	28 Feb 2023	3	13.60	89.19	8.2	33.36	8.1	25.0	0.71
F33	28 Feb 2023	4	13.58	89.22	8.2	33.36	8.1	25.0	0.78
F33	28 Feb 2023	5	13.58	89.19	8.2	33.35	8.1	25.0	0.83
F33	28 Feb 2023	6	13.57	89.14	8.2	33.35	8.1	25.0	0.84
F33	28 Feb 2023	7	13.56	89.10	8.2	33.35	8.1	25.0	0.89
F33	28 Feb 2023	8	13.55	89.09	8.2	33.35	8.1	25.0	1.01
F33	28 Feb 2023	9	13.55	89.08	8.1	33.35	8.1	25.0	1.11
F33	28 Feb 2023	10	13.55	89.02	8.1	33.35	8.1	25.0	1.17
F33	28 Feb 2023	11	13.55	88.99	8.1	33.35	8.1	25.0	1.24
F33	28 Feb 2023	12	13.54	89.01	8.1	33.35	8.1	25.0	1.31
F33	28 Feb 2023	13	13.54	88.97	8.1	33.35	8.1	25.0	1.56
F33	28 Feb 2023	14	13.54	89.12	8.1	33.35	8.1	25.0	1.58
F33	28 Feb 2023	15	13.54	89.11	8.2	33.35	8.1	25.0	1.68
F33	28 Feb 2023	16	13.53	89.23	8.1	33.35	8.1	25.0	1.69
F33	28 Feb 2023	17	13.53	89.14	8.1	33.35	8.1	25.0	1.79
F33	28 Feb 2023	18	13.52	89.39	8.1	33.35	8.1	25.0	1.94
F33	28 Feb 2023	19	13.52	89.52	8.1	33.35	8.1	25.0	2.16
F33	28 Feb 2023	20	13.51	89.65	8.0	33.35	8.1	25.0	1.88
F33	28 Feb 2023	21	13.51	89.93	8.0	33.35	8.1	25.0	1.80
F33	28 Feb 2023	22	13.50	90.34	8.0	33.35	8.1	25.0	1.76
F33	28 Feb 2023	23	13.50	90.63	7.9	33.35	8.1	25.0	1.68
F33	28 Feb 2023	24	13.50	90.89	7.9	33.35	8.1	25.0	1.64
F33	28 Feb 2023	25	13.50	91.00	8.0	33.35	8.1	25.0	1.53
F33	28 Feb 2023	26	13.49	91.05	7.9	33.36	8.1	25.0	1.48
F33	28 Feb 2023	27	13.49	91.20	7.9	33.36	8.1	25.0	1.42
F33	28 Feb 2023	28	13.47	91.52	7.9	33.36	8.1	25.0	1.56
F33	28 Feb 2023	29	13.44	91.59	7.8	33.37	8.1	25.0	1.42
F33	28 Feb 2023	30	13.40	91.83	7.6	33.38	8.1	25.1	1.12
F33	28 Feb 2023	31	13.34	91.99	7.4	33.39	8.1	25.1	1.08
F33	28 Feb 2023	32	13.19	92.05	7.2	33.41	8.1	25.1	0.96
F33	28 Feb 2023	33	13.09	92.26	7.0	33.41	8.0	25.1	0.87
F33	28 Feb 2023	34	12.98	92.43	6.8	33.42	8.0	25.2	0.85
F33	28 Feb 2023	35	12.92	92.44	6.6	33.42	8.0	25.2	0.94
F33	28 Feb 2023	36	12.79	92.51	6.4	33.43	8.0	25.2	0.79
F33	28 Feb 2023	37	12.62	92.64	6.3	33.44	8.0	25.3	0.73
F33	28 Feb 2023	38	12.34	92.65	6.0	33.46	7.9	25.3	0.76
F33	28 Feb 2023	39	12.20	92.74	5.8	33.46	7.9	25.4	0.69
F33	28 Feb 2023	40	12.00	92.87	5.6	33.48	7.9	25.4	0.67
F33	28 Feb 2023	41	11.88	92.92	5.5	33.49	7.9	25.4	0.66
F33	28 Feb 2023	42	11.79	92.92	5.4	33.50	7.9	25.5	0.59
F33	28 Feb 2023	43	11.80	92.99	5.4	33.49	7.8	25.5	0.61
F33	28 Feb 2023	44	11.79	92.99	5.4	33.50	7.8	25.5	0.58
F33	28 Feb 2023	45	11.76	93.01	5.3	33.50	7.8	25.5	0.55
F33	28 Feb 2023	46	11.70	93.07	5.3	33.51	7.8	25.5	0.55
F33	28 Feb 2023	47	11.64	93.12	5.2	33.53	7.8	25.5	0.54
F33	28 Feb 2023	48	11.59	92.84	5.0	33.56	7.8	25.6	0.48

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F33	28 Feb 2023	49	11.55	92.64	4.8	33.59	7.8	25.6	0.44
F33	28 Feb 2023	50	11.55	92.63	4.7	33.59	7.8	25.6	0.41
F33	28 Feb 2023	51	11.51	92.38	4.6	33.60	7.8	25.6	0.38
F33	28 Feb 2023	52	11.48	91.98	4.5	33.61	7.8	25.6	0.36
F33	28 Feb 2023	53	11.48	91.82	4.5	33.61	7.8	25.6	0.36
F33	28 Feb 2023	54	11.49	91.89	4.5	33.62	7.8	25.6	0.35
F33	28 Feb 2023	55	11.48	92.13	4.5	33.63	7.8	25.6	0.36
F33	28 Feb 2023	56	11.46	92.22	4.4	33.64	7.8	25.6	0.34
F33	28 Feb 2023	57	11.42	91.92	4.3	33.65	7.8	25.6	0.34
F33	28 Feb 2023	58	11.40	91.12	4.3	33.65	7.8	25.7	0.33
F33	28 Feb 2023	59	11.38	90.51	4.2	33.65	7.8	25.7	0.33
F33	28 Feb 2023	60	11.37	90.21	4.2	33.65	7.8	25.7	0.33
F33	28 Feb 2023	61	11.36	89.86	4.1	33.65	7.8	25.7	0.33
F33	28 Feb 2023	62	11.35	89.57	4.1	33.65	7.8	25.7	0.32
F33	28 Feb 2023	63	11.35	89.45	4.1	33.65	7.8	25.7	0.32
F33	28 Feb 2023	64	11.32	89.28	4.1	33.65	7.8	25.7	0.31
F33	28 Feb 2023	65	11.31	88.94	4.0	33.65	7.8	25.7	0.32
F33	28 Feb 2023	66	11.30	88.82	4.1	33.65	7.8	25.7	0.31
F33	28 Feb 2023	67	11.30	88.75	4.0	33.65	7.8	25.7	0.31
F33	28 Feb 2023	68	11.30	88.69	4.0	33.65	7.8	25.7	0.30
F33	28 Feb 2023	69	11.30	88.79	4.0	33.65	7.8	25.7	0.29
F33	28 Feb 2023	70	11.28	88.81	4.0	33.66	7.8	25.7	0.30
F33	28 Feb 2023	71	11.27	88.94	4.0	33.67	7.8	25.7	0.29
F33	28 Feb 2023	72	11.28	89.46	4.0	33.69	7.8	25.7	0.30
F33	28 Feb 2023	73	11.30	90.14	4.0	33.70	7.8	25.7	0.30
F33	28 Feb 2023	74	11.31	90.58	4.1	33.70	7.8	25.7	0.30
F33	28 Feb 2023	75	11.31	90.74	4.1	33.70	7.8	25.7	0.30
F33	28 Feb 2023	76	11.30	90.45	4.1	33.71	7.8	25.7	0.31
F33	28 Feb 2023	77	11.30	90.13	4.1	33.71	7.8	25.7	0.30
F33	28 Feb 2023	78	11.29	90.09	4.0	33.71	7.8	25.7	0.30
F33	28 Feb 2023	79	11.28	89.82	4.0	33.71	7.8	25.7	0.30
F33	28 Feb 2023	80	11.27	89.59	4.0	33.71	7.8	25.7	0.30
F33	28 Feb 2023	81	11.26	89.49	4.0	33.71	7.8	25.7	0.30
F33	28 Feb 2023	82	11.24	89.25	4.0	33.71	7.8	25.7	0.29
F33	28 Feb 2023	83	11.24	89.13	4.0	33.71	7.8	25.7	0.30
F33	28 Feb 2023	84	11.24	88.99	4.0	33.71	7.8	25.7	0.29
F33	28 Feb 2023	85	11.23	89.09	4.0	33.71	7.7	25.7	0.28
F33	28 Feb 2023	86	11.22	89.02	3.9	33.72	7.7	25.7	0.29
F33	28 Feb 2023	87	11.21	89.05	3.9	33.72	7.7	25.7	0.29
F33	28 Feb 2023	88	11.21	89.20	3.9	33.72	7.7	25.7	0.28
F33	28 Feb 2023	89	11.19	89.20	3.9	33.72	7.7	25.7	0.28
F33	28 Feb 2023	90	11.16	89.27	3.9	33.73	7.7	25.8	0.27
F33	28 Feb 2023	91	11.14	89.44	3.9	33.74	7.7	25.8	0.28
F33	28 Feb 2023	92	11.10	89.66	3.8	33.75	7.7	25.8	0.28
F33	28 Feb 2023	93	11.03	89.71	3.7	33.78	7.7	25.8	0.26
F33	28 Feb 2023	94	11.00	89.75	3.7	33.79	7.7	25.8	0.25
F33	28 Feb 2023	95	10.95	89.77	3.6	33.81	7.7	25.9	0.25
F33	28 Feb 2023	96	10.93	89.96	3.6	33.81	7.7	25.9	0.24
F33	28 Feb 2023	97	10.92	90.39	3.6	33.82	7.7	25.9	0.22
F33	28 Feb 2023	98	10.88	90.85	3.6	33.83	7.7	25.9	0.22
F33	28 Feb 2023	99	10.82	91.18	3.5	33.85	7.7	25.9	0.23
F33	28 Feb 2023	100	10.78	91.74	3.5	33.87	7.7	25.9	0.23
F33	28 Feb 2023	101	10.77	91.90	3.5	33.87	7.7	25.9	0.21
F33	28 Feb 2023	102	10.75	91.68	3.5	33.87	7.7	25.9	0.22
F34	28 Feb 2023	1	13.60	89.11	8.2	33.36	8.1	25.0	0.70
F34	28 Feb 2023	2	13.60	89.13	8.2	33.36	8.1	25.0	0.72
F34	28 Feb 2023	3	13.59	88.95	8.2	33.36	8.1	25.0	0.77
F34	28 Feb 2023	4	13.58	88.89	8.2	33.36	8.1	25.0	0.86
F34	28 Feb 2023	5	13.58	89.18	8.2	33.36	8.1	25.0	0.92
F34	28 Feb 2023	6	13.57	89.26	8.2	33.36	8.1	25.0	0.95

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F34	28 Feb 2023	7	13.57	89.30	8.2	33.36	8.1	25.0	1.03
F34	28 Feb 2023	8	13.57	89.28	8.2	33.36	8.1	25.0	1.11
F34	28 Feb 2023	9	13.57	89.20	8.2	33.36	8.1	25.0	1.16
F34	28 Feb 2023	10	13.57	89.16	8.2	33.36	8.1	25.0	1.19
F34	28 Feb 2023	11	13.56	89.14	8.2	33.36	8.1	25.0	1.35
F34	28 Feb 2023	12	13.56	89.06	8.2	33.36	8.1	25.0	1.44
F34	28 Feb 2023	13	13.56	89.07	8.2	33.36	8.1	25.0	1.51
F34	28 Feb 2023	14	13.56	89.11	8.1	33.36	8.1	25.0	1.58
F34	28 Feb 2023	15	13.55	89.07	8.2	33.36	8.1	25.0	1.61
F34	28 Feb 2023	16	13.55	89.14	8.2	33.36	8.1	25.0	1.68
F34	28 Feb 2023	17	13.55	89.22	8.2	33.36	8.1	25.0	1.67
F34	28 Feb 2023	18	13.55	89.18	8.2	33.36	8.1	25.0	1.82
F34	28 Feb 2023	19	13.55	89.20	8.2	33.36	8.1	25.0	1.83
F34	28 Feb 2023	20	13.55	89.10	8.1	33.36	8.1	25.0	1.87
F34	28 Feb 2023	21	13.55	89.18	8.1	33.36	8.1	25.0	1.90
F34	28 Feb 2023	22	13.55	89.27	8.1	33.36	8.1	25.0	1.83
F34	28 Feb 2023	23	13.54	89.52	8.1	33.36	8.1	25.0	1.78
F34	28 Feb 2023	24	13.52	89.95	8.0	33.36	8.1	25.0	1.59
F34	28 Feb 2023	25	13.46	90.64	7.8	33.36	8.1	25.0	1.31
F34	28 Feb 2023	26	13.43	91.52	7.7	33.36	8.1	25.0	1.29
F34	28 Feb 2023	27	13.42	91.93	7.7	33.37	8.1	25.0	1.19
F34	28 Feb 2023	28	13.40	91.98	7.6	33.38	8.1	25.1	1.08
F34	28 Feb 2023	29	13.37	92.01	7.6	33.38	8.1	25.1	1.00
F34	28 Feb 2023	30	13.35	91.96	7.5	33.39	8.1	25.1	1.06
F34	28 Feb 2023	31	13.28	91.93	7.4	33.40	8.0	25.1	0.91
F34	28 Feb 2023	32	13.19	91.85	7.3	33.41	8.0	25.1	0.91
F34	28 Feb 2023	33	13.15	91.91	7.1	33.42	8.0	25.1	0.89
F34	28 Feb 2023	34	13.05	92.11	6.9	33.43	8.0	25.2	0.87
F34	28 Feb 2023	35	12.90	92.10	6.7	33.44	8.0	25.2	0.88
F34	28 Feb 2023	36	12.77	92.15	6.4	33.45	8.0	25.2	0.75
F34	28 Feb 2023	37	12.57	92.10	6.2	33.46	8.0	25.3	0.73
F34	28 Feb 2023	38	12.42	92.08	6.0	33.47	7.9	25.3	0.69
F34	28 Feb 2023	39	12.31	92.18	5.9	33.47	7.9	25.3	0.66
F34	28 Feb 2023	40	12.22	92.33	5.8	33.47	7.9	25.4	0.63
F34	28 Feb 2023	41	12.12	92.40	5.7	33.47	7.9	25.4	0.61
F34	28 Feb 2023	42	11.96	92.43	5.5	33.48	7.9	25.4	0.61
F34	28 Feb 2023	43	11.82	92.63	5.4	33.50	7.9	25.5	0.61
F34	28 Feb 2023	44	11.78	92.79	5.3	33.51	7.8	25.5	0.58
F34	28 Feb 2023	45	11.77	92.83	5.3	33.52	7.8	25.5	0.60
F34	28 Feb 2023	46	11.75	92.84	5.2	33.52	7.8	25.5	0.56
F34	28 Feb 2023	47	11.73	92.88	5.2	33.52	7.8	25.5	0.58
F34	28 Feb 2023	48	11.71	92.91	5.2	33.53	7.8	25.5	0.60
F34	28 Feb 2023	49	11.66	92.89	5.2	33.53	7.8	25.5	0.54
F34	28 Feb 2023	50	11.56	92.90	5.1	33.55	7.8	25.5	0.50
F34	28 Feb 2023	51	11.51	93.06	5.0	33.56	7.8	25.6	0.46
F34	28 Feb 2023	52	11.50	93.21	5.0	33.56	7.8	25.6	0.43
F34	28 Feb 2023	53	11.46	93.24	4.9	33.57	7.8	25.6	0.43
F34	28 Feb 2023	54	11.40	93.03	4.7	33.58	7.8	25.6	0.40
F34	28 Feb 2023	55	11.37	92.22	4.6	33.58	7.8	25.6	0.37
F34	28 Feb 2023	56	11.37	91.49	4.5	33.60	7.8	25.6	0.34
F34	28 Feb 2023	57	11.37	91.65	4.5	33.61	7.8	25.6	0.34
F34	28 Feb 2023	58	11.38	91.63	4.4	33.62	7.8	25.6	0.34
F34	28 Feb 2023	59	11.38	91.90	4.4	33.62	7.8	25.6	0.32
F34	28 Feb 2023	60	11.38	91.95	4.5	33.62	7.8	25.6	0.33
F34	28 Feb 2023	61	11.39	92.09	4.4	33.63	7.8	25.6	0.34
F34	28 Feb 2023	62	11.38	92.18	4.4	33.63	7.8	25.6	0.33
F34	28 Feb 2023	63	11.38	92.12	4.4	33.63	7.8	25.6	0.32
F34	28 Feb 2023	64	11.37	92.19	4.4	33.63	7.8	25.6	0.33
F34	28 Feb 2023	65	11.35	92.32	4.3	33.66	7.8	25.7	0.32
F34	28 Feb 2023	66	11.33	92.10	4.2	33.67	7.8	25.7	0.32
F34	28 Feb 2023	67	11.30	91.51	4.2	33.68	7.8	25.7	0.31

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F34	28 Feb 2023	68	11.26	90.97	4.1	33.69	7.8	25.7	0.30
F34	28 Feb 2023	69	11.23	90.40	4.0	33.69	7.8	25.7	0.30
F34	28 Feb 2023	70	11.23	90.10	4.0	33.69	7.8	25.7	0.31
F34	28 Feb 2023	71	11.24	90.09	4.0	33.69	7.8	25.7	0.30
F34	28 Feb 2023	72	11.24	90.15	4.0	33.69	7.8	25.7	0.29
F34	28 Feb 2023	73	11.23	90.13	4.0	33.70	7.8	25.7	0.29
F34	28 Feb 2023	74	11.23	90.03	4.0	33.70	7.8	25.7	0.30
F34	28 Feb 2023	75	11.23	90.22	4.0	33.70	7.8	25.7	0.31
F34	28 Feb 2023	76	11.23	90.38	4.0	33.71	7.8	25.7	0.29
F34	28 Feb 2023	77	11.24	90.61	4.0	33.72	7.8	25.7	0.28
F34	28 Feb 2023	78	11.23	90.45	4.0	33.73	7.8	25.7	0.29
F34	28 Feb 2023	79	11.23	90.66	3.9	33.73	7.8	25.7	0.29
F34	28 Feb 2023	80	11.21	90.54	4.0	33.73	7.8	25.7	0.29
F34	28 Feb 2023	81	11.20	90.42	4.0	33.73	7.7	25.7	0.28
F34	28 Feb 2023	82	11.17	90.28	3.9	33.73	7.7	25.8	0.28
F34	28 Feb 2023	83	11.17	90.18	3.9	33.73	7.7	25.8	0.27
F34	28 Feb 2023	84	11.17	90.12	3.9	33.73	7.7	25.8	0.28
F34	28 Feb 2023	85	11.17	90.25	3.9	33.73	7.7	25.8	0.28
F34	28 Feb 2023	86	11.16	90.19	3.9	33.73	7.7	25.8	0.27
F34	28 Feb 2023	87	11.16	90.16	3.9	33.73	7.7	25.8	0.28
F34	28 Feb 2023	88	11.15	90.21	3.9	33.74	7.7	25.8	0.27
F34	28 Feb 2023	89	11.15	90.20	3.9	33.74	7.7	25.8	0.28
F34	28 Feb 2023	90	11.15	90.21	3.9	33.74	7.7	25.8	0.28
F34	28 Feb 2023	91	11.14	90.21	3.9	33.74	7.7	25.8	0.28
F34	28 Feb 2023	92	11.13	90.24	3.9	33.74	7.7	25.8	0.28
F34	28 Feb 2023	93	11.12	90.23	3.8	33.75	7.7	25.8	0.27
F34	28 Feb 2023	94	11.11	90.14	3.8	33.75	7.7	25.8	0.26
F34	28 Feb 2023	95	11.10	90.23	3.8	33.75	7.7	25.8	0.25
F34	28 Feb 2023	96	11.07	90.26	3.8	33.76	7.7	25.8	0.26
F34	28 Feb 2023	97	11.05	90.30	3.8	33.77	7.7	25.8	0.26
F34	28 Feb 2023	98	11.03	90.53	3.7	33.78	7.7	25.8	0.26
F34	28 Feb 2023	99	11.00	90.98	3.7	33.80	7.7	25.8	0.26
F34	28 Feb 2023	100	10.97	91.52	3.7	33.81	7.7	25.9	0.31
F34	28 Feb 2023	101	10.96	91.25	3.7	33.81	7.7	25.9	0.25
F34	28 Feb 2023	102	10.95	90.24	3.7	33.81	7.7	25.9	0.24
F35	28 Feb 2023	1	13.57	87.44	8.3	33.35	8.1	25.0	0.80
F35	28 Feb 2023	2	13.57	88.69	8.3	33.36	8.1	25.0	0.80
F35	28 Feb 2023	3	13.56	88.69	8.3	33.36	8.1	25.0	0.81
F35	28 Feb 2023	4	13.56	88.89	8.3	33.36	8.1	25.0	0.87
F35	28 Feb 2023	5	13.57	89.10	8.2	33.36	8.1	25.0	0.86
F35	28 Feb 2023	6	13.56	88.92	8.2	33.36	8.1	25.0	0.86
F35	28 Feb 2023	7	13.56	89.03	8.2	33.36	8.1	25.0	0.96
F35	28 Feb 2023	8	13.56	89.10	8.3	33.36	8.1	25.0	1.10
F35	28 Feb 2023	9	13.56	89.00	8.3	33.36	8.1	25.0	1.20
F35	28 Feb 2023	10	13.56	89.05	8.3	33.36	8.1	25.0	1.42
F35	28 Feb 2023	11	13.55	89.04	8.2	33.36	8.1	25.0	1.46
F35	28 Feb 2023	12	13.55	88.91	8.2	33.36	8.1	25.0	1.53
F35	28 Feb 2023	13	13.55	88.97	8.3	33.36	8.1	25.0	1.60
F35	28 Feb 2023	14	13.55	88.95	8.2	33.36	8.1	25.0	1.74
F35	28 Feb 2023	15	13.54	88.90	8.2	33.36	8.1	25.0	1.83
F35	28 Feb 2023	16	13.54	88.97	8.2	33.36	8.1	25.0	2.03
F35	28 Feb 2023	17	13.54	88.93	8.2	33.36	8.1	25.0	1.83
F35	28 Feb 2023	18	13.54	88.90	8.3	33.36	8.1	25.0	1.96
F35	28 Feb 2023	19	13.53	88.88	8.2	33.36	8.1	25.0	1.88
F35	28 Feb 2023	20	13.53	89.06	8.2	33.36	8.1	25.0	2.23
F35	28 Feb 2023	21	13.53	88.97	8.2	33.36	8.1	25.0	2.19
F35	28 Feb 2023	22	13.53	89.15	8.2	33.36	8.1	25.0	2.04
F35	28 Feb 2023	23	13.53	89.10	8.2	33.36	8.1	25.0	2.06
F35	28 Feb 2023	24	13.53	89.26	8.2	33.36	8.1	25.0	1.98
F35	28 Feb 2023	25	13.53	89.20	8.2	33.36	8.1	25.0	1.91

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F35	28 Feb 2023	26	13.51	89.54	8.0	33.36	8.1	25.0	1.82
F35	28 Feb 2023	27	13.49	90.28	8.0	33.37	8.1	25.0	1.76
F35	28 Feb 2023	28	13.48	91.26	7.9	33.37	8.1	25.0	1.52
F35	28 Feb 2023	29	13.37	91.83	7.6	33.39	8.1	25.1	1.23
F35	28 Feb 2023	30	13.32	92.02	7.4	33.39	8.0	25.1	1.09
F35	28 Feb 2023	31	13.24	92.06	7.2	33.40	8.0	25.1	0.96
F35	28 Feb 2023	32	13.22	92.28	7.1	33.40	8.0	25.1	0.88
F35	28 Feb 2023	33	12.90	92.38	6.7	33.43	8.0	25.2	0.79
F35	28 Feb 2023	34	12.75	92.53	6.4	33.43	8.0	25.2	0.75
F35	28 Feb 2023	35	12.63	92.64	6.3	33.44	7.9	25.3	0.68
F35	28 Feb 2023	36	12.52	92.67	6.1	33.45	7.9	25.3	0.66
F35	28 Feb 2023	37	12.44	92.67	6.0	33.45	7.9	25.3	0.73
F35	28 Feb 2023	38	12.39	92.81	6.0	33.45	7.9	25.3	0.64
F35	28 Feb 2023	39	12.20	92.89	5.8	33.47	7.9	25.4	0.61
F35	28 Feb 2023	40	12.04	92.80	5.5	33.48	7.9	25.4	0.60
F35	28 Feb 2023	41	11.96	92.79	5.4	33.50	7.9	25.4	0.58
F35	28 Feb 2023	42	11.95	92.81	5.3	33.51	7.8	25.4	0.56
F35	28 Feb 2023	43	11.88	92.78	5.3	33.52	7.8	25.5	0.55
F35	28 Feb 2023	44	11.85	92.81	5.2	33.52	7.8	25.5	0.54
F35	28 Feb 2023	45	11.81	92.80	5.2	33.53	7.8	25.5	0.53
F35	28 Feb 2023	46	11.68	92.74	5.1	33.55	7.8	25.5	0.49
F35	28 Feb 2023	47	11.64	92.71	5.0	33.56	7.8	25.5	0.47
F35	28 Feb 2023	48	11.64	92.75	5.0	33.56	7.8	25.5	0.46
F35	28 Feb 2023	49	11.62	92.84	5.0	33.56	7.8	25.5	0.45
F35	28 Feb 2023	50	11.60	92.84	5.0	33.57	7.8	25.6	0.43
F35	28 Feb 2023	51	11.59	92.91	5.0	33.57	7.8	25.6	0.43
F35	28 Feb 2023	52	11.58	92.92	5.0	33.57	7.8	25.6	0.44
F35	28 Feb 2023	53	11.58	92.95	5.0	33.57	7.8	25.6	0.42
F35	28 Feb 2023	54	11.58	92.98	5.0	33.57	7.8	25.6	0.42
F35	28 Feb 2023	55	11.53	93.04	5.0	33.57	7.8	25.6	0.43
F35	28 Feb 2023	56	11.48	93.06	4.9	33.58	7.8	25.6	0.41
F35	28 Feb 2023	57	11.47	93.13	4.9	33.59	7.8	25.6	0.37
F35	28 Feb 2023	58	11.46	93.20	4.9	33.59	7.8	25.6	0.37
F35	28 Feb 2023	59	11.45	93.19	4.8	33.59	7.8	25.6	0.36
F35	28 Feb 2023	60	11.45	93.18	4.8	33.59	7.8	25.6	0.36
F35	28 Feb 2023	61	11.38	93.14	4.7	33.62	7.8	25.6	0.35
F35	28 Feb 2023	62	11.27	93.23	4.5	33.66	7.8	25.7	0.31
F35	28 Feb 2023	63	11.25	93.37	4.4	33.67	7.8	25.7	0.29
F35	28 Feb 2023	64	11.20	93.15	4.3	33.70	7.8	25.7	0.27
F35	28 Feb 2023	65	11.20	92.68	4.2	33.71	7.8	25.7	0.26
F35	28 Feb 2023	66	11.17	92.46	4.0	33.74	7.8	25.8	0.25
F35	28 Feb 2023	67	11.16	90.98	3.9	33.74	7.7	25.8	0.25
F35	28 Feb 2023	68	11.16	90.70	3.9	33.75	7.7	25.8	0.25
F35	28 Feb 2023	69	11.15	90.59	3.9	33.75	7.7	25.8	0.25
F35	28 Feb 2023	70	11.14	90.56	3.9	33.75	7.7	25.8	0.26
F35	28 Feb 2023	71	11.14	90.64	3.9	33.75	7.7	25.8	0.24
F35	28 Feb 2023	72	11.14	90.70	3.9	33.75	7.7	25.8	0.24
F35	28 Feb 2023	73	11.14	90.71	3.9	33.75	7.7	25.8	0.24
F35	28 Feb 2023	74	11.14	90.88	3.9	33.76	7.7	25.8	0.24
F35	28 Feb 2023	75	11.14	90.93	3.9	33.76	7.7	25.8	0.24
F35	28 Feb 2023	76	11.13	90.97	3.9	33.76	7.7	25.8	0.24
F35	28 Feb 2023	77	11.13	91.03	3.9	33.76	7.7	25.8	0.25
F35	28 Feb 2023	78	11.13	91.02	3.9	33.76	7.7	25.8	0.24
F35	28 Feb 2023	79	11.12	91.11	3.9	33.76	7.7	25.8	0.23
F35	28 Feb 2023	80	11.12	91.11	3.9	33.76	7.7	25.8	0.24
F35	28 Feb 2023	81	11.12	91.13	3.9	33.76	7.7	25.8	0.24
F35	28 Feb 2023	82	11.12	91.16	3.9	33.76	7.7	25.8	0.24
F35	28 Feb 2023	83	11.12	91.15	3.8	33.76	7.7	25.8	0.24
F35	28 Feb 2023	84	11.11	91.06	3.8	33.77	7.7	25.8	0.24
F35	28 Feb 2023	85	11.09	91.19	3.8	33.77	7.7	25.8	0.24
F35	28 Feb 2023	86	11.08	91.26	3.8	33.78	7.7	25.8	0.24

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F35	28 Feb 2023	87	11.08	91.22	3.8	33.78	7.7	25.8	0.23
F35	28 Feb 2023	88	11.08	91.28	3.8	33.78	7.7	25.8	0.23
F35	28 Feb 2023	89	11.08	91.32	3.8	33.78	7.7	25.8	0.24
F35	28 Feb 2023	90	11.08	91.30	3.8	33.78	7.7	25.8	0.23
F35	28 Feb 2023	91	11.07	91.32	3.8	33.78	7.7	25.8	0.23
F35	28 Feb 2023	92	11.06	91.43	3.8	33.78	7.7	25.8	0.23
F35	28 Feb 2023	93	11.05	91.59	3.8	33.78	7.7	25.8	0.23
F35	28 Feb 2023	94	11.04	91.67	3.8	33.79	7.7	25.8	0.22
F35	28 Feb 2023	95	11.01	91.78	3.8	33.79	7.7	25.8	0.22
F35	28 Feb 2023	96	11.00	91.90	3.8	33.80	7.7	25.8	0.21
F35	28 Feb 2023	97	10.97	91.91	3.8	33.81	7.7	25.9	0.21
F35	28 Feb 2023	98	10.95	91.83	3.7	33.81	7.7	25.9	0.21
F35	28 Feb 2023	99	10.93	91.62	3.7	33.82	7.7	25.9	0.21
F35	28 Feb 2023	100	10.89	91.01	3.6	33.83	7.7	25.9	0.21
F35	28 Feb 2023	101	10.89	90.41	3.6	33.83	7.7	25.9	0.21
F36	28 Feb 2023	1	13.50	78.10	8.1	33.37	8.1	25.0	0.71
F36	28 Feb 2023	2	13.50	81.89	8.1	33.37	8.1	25.0	0.70
F36	28 Feb 2023	3	13.50	87.55	8.1	33.37	8.1	25.0	0.77
F36	28 Feb 2023	4	13.50	90.09	8.1	33.37	8.1	25.0	0.80
F36	28 Feb 2023	5	13.49	90.14	8.1	33.37	8.1	25.0	0.87
F36	28 Feb 2023	6	13.49	90.16	8.1	33.37	8.1	25.0	0.93
F36	28 Feb 2023	7	13.49	90.16	8.0	33.37	8.1	25.0	0.98
F36	28 Feb 2023	8	13.49	90.13	8.1	33.37	8.1	25.0	1.10
F36	28 Feb 2023	9	13.49	90.12	8.1	33.37	8.1	25.0	1.07
F36	28 Feb 2023	10	13.49	90.12	8.0	33.37	8.1	25.0	1.10
F36	28 Feb 2023	11	13.49	90.11	8.1	33.37	8.1	25.0	1.20
F36	28 Feb 2023	12	13.49	90.06	8.1	33.37	8.1	25.0	1.27
F36	28 Feb 2023	13	13.49	90.08	8.1	33.37	8.1	25.0	1.38
F36	28 Feb 2023	14	13.49	90.14	8.1	33.37	8.1	25.0	1.48
F36	28 Feb 2023	15	13.49	90.16	8.1	33.37	8.1	25.0	1.47
F36	28 Feb 2023	16	13.49	90.13	8.1	33.37	8.1	25.0	1.41
F36	28 Feb 2023	17	13.49	90.03	8.1	33.37	8.1	25.0	1.53
F36	28 Feb 2023	18	13.49	90.19	8.1	33.37	8.1	25.0	1.64
F36	28 Feb 2023	19	13.49	90.26	8.1	33.37	8.1	25.0	1.52
F36	28 Feb 2023	20	13.49	90.27	8.0	33.37	8.1	25.0	1.54
F36	28 Feb 2023	21	13.49	90.26	8.1	33.37	8.1	25.0	1.48
F36	28 Feb 2023	22	13.49	90.21	8.1	33.37	8.1	25.0	1.48
F36	28 Feb 2023	23	13.48	90.39	8.0	33.37	8.1	25.0	1.52
F36	28 Feb 2023	24	13.48	90.52	8.1	33.37	8.1	25.0	1.43
F36	28 Feb 2023	25	13.48	90.57	8.1	33.37	8.1	25.0	1.39
F36	28 Feb 2023	26	13.47	90.57	8.0	33.37	8.1	25.0	1.42
F36	28 Feb 2023	27	13.46	90.88	8.0	33.37	8.1	25.0	1.32
F36	28 Feb 2023	28	13.45	91.18	8.0	33.37	8.1	25.0	1.25
F36	28 Feb 2023	29	13.42	91.42	7.8	33.38	8.1	25.0	1.18
F36	28 Feb 2023	30	13.41	91.62	7.8	33.38	8.1	25.1	1.02
F36	28 Feb 2023	31	13.40	91.84	7.9	33.38	8.1	25.1	1.02
F36	28 Feb 2023	32	13.37	92.00	7.8	33.38	8.1	25.1	0.93
F36	28 Feb 2023	33	13.35	92.13	7.8	33.38	8.1	25.1	0.90
F36	28 Feb 2023	34	13.34	92.19	7.7	33.38	8.1	25.1	0.86
F36	28 Feb 2023	35	13.31	92.21	7.7	33.38	8.0	25.1	0.83
F36	28 Feb 2023	36	13.28	92.32	7.6	33.39	8.0	25.1	0.79
F36	28 Feb 2023	37	13.24	92.35	7.4	33.39	8.0	25.1	0.74
F36	28 Feb 2023	38	13.11	92.48	7.1	33.41	8.0	25.1	0.77
F36	28 Feb 2023	39	12.82	92.36	6.7	33.44	8.0	25.2	0.70
F36	28 Feb 2023	40	12.78	92.51	6.5	33.44	8.0	25.2	0.67
F36	28 Feb 2023	41	12.76	92.42	6.4	33.44	8.0	25.2	0.64
F36	28 Feb 2023	42	12.73	92.43	6.4	33.44	8.0	25.2	0.68
F36	28 Feb 2023	43	12.67	92.36	6.3	33.45	7.9	25.3	0.68
F36	28 Feb 2023	44	12.51	92.33	6.1	33.46	7.9	25.3	0.70
F36	28 Feb 2023	45	12.28	92.36	5.8	33.48	7.9	25.4	0.65

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F36	28 Feb 2023	46	12.18	92.28	5.6	33.49	7.9	25.4	0.60
F36	28 Feb 2023	47	12.13	92.40	5.5	33.49	7.9	25.4	0.58
F36	28 Feb 2023	48	11.97	92.57	5.3	33.51	7.9	25.4	0.55
F36	28 Feb 2023	49	11.88	92.60	5.1	33.53	7.8	25.5	0.51
F36	28 Feb 2023	50	11.80	92.60	5.0	33.55	7.8	25.5	0.52
F36	28 Feb 2023	51	11.76	92.66	5.0	33.55	7.8	25.5	0.48
F36	28 Feb 2023	52	11.71	92.64	4.9	33.56	7.8	25.5	0.46
F36	28 Feb 2023	53	11.67	92.64	4.9	33.57	7.8	25.5	0.47
F36	28 Feb 2023	54	11.64	92.67	4.9	33.58	7.8	25.6	0.43
F36	28 Feb 2023	55	11.58	92.68	4.8	33.59	7.8	25.6	0.42
F36	28 Feb 2023	56	11.53	92.77	4.8	33.60	7.8	25.6	0.39
F36	28 Feb 2023	57	11.51	92.84	4.8	33.60	7.8	25.6	0.38
F36	28 Feb 2023	58	11.51	92.89	4.8	33.60	7.8	25.6	0.38
F36	28 Feb 2023	59	11.45	92.92	4.8	33.61	7.8	25.6	0.38
F36	28 Feb 2023	60	11.39	92.99	4.7	33.62	7.8	25.6	0.34
F36	28 Feb 2023	61	11.37	93.01	4.6	33.63	7.8	25.6	0.32
F36	28 Feb 2023	62	11.37	93.09	4.6	33.63	7.8	25.6	0.31
F36	28 Feb 2023	63	11.36	93.06	4.6	33.64	7.8	25.6	0.30
F36	28 Feb 2023	64	11.34	93.03	4.5	33.65	7.8	25.7	0.31
F36	28 Feb 2023	65	11.31	93.03	4.4	33.66	7.8	25.7	0.29
F36	28 Feb 2023	66	11.25	93.11	4.4	33.67	7.8	25.7	0.28
F36	28 Feb 2023	67	11.24	93.25	4.4	33.67	7.8	25.7	0.27
F36	28 Feb 2023	68	11.21	93.24	4.4	33.68	7.8	25.7	0.27
F36	28 Feb 2023	69	11.20	93.38	4.5	33.68	7.8	25.7	0.26
F36	28 Feb 2023	70	11.20	93.43	4.5	33.68	7.8	25.7	0.26
F36	28 Feb 2023	71	11.18	93.46	4.5	33.68	7.8	25.7	0.25
F36	28 Feb 2023	72	11.15	93.47	4.4	33.69	7.8	25.7	0.25
F36	28 Feb 2023	73	11.09	93.53	4.4	33.71	7.8	25.8	0.24
F36	28 Feb 2023	74	11.06	93.49	4.3	33.73	7.8	25.8	0.23
F36	28 Feb 2023	75	11.04	93.52	4.2	33.74	7.8	25.8	0.23
F36	28 Feb 2023	76	11.01	93.60	4.2	33.74	7.8	25.8	0.21
F36	28 Feb 2023	77	10.98	93.66	4.2	33.74	7.8	25.8	0.22
F36	28 Feb 2023	78	10.95	93.65	4.2	33.75	7.8	25.8	0.21
F36	28 Feb 2023	79	10.94	93.75	4.2	33.75	7.8	25.8	0.20
F36	28 Feb 2023	80	10.95	93.82	4.1	33.77	7.8	25.8	0.20
F36	28 Feb 2023	81	10.96	93.65	4.0	33.77	7.7	25.8	0.20
F36	28 Feb 2023	82	10.96	93.59	4.0	33.77	7.7	25.8	0.20
F36	28 Feb 2023	83	10.96	93.52	4.0	33.79	7.7	25.8	0.20
F36	28 Feb 2023	84	10.97	93.37	3.9	33.79	7.7	25.8	0.20
F36	28 Feb 2023	85	10.96	93.26	3.9	33.80	7.7	25.9	0.20
F36	28 Feb 2023	86	10.90	93.20	3.9	33.80	7.7	25.9	0.20
F36	28 Feb 2023	87	10.86	93.51	4.0	33.80	7.7	25.9	0.19
F36	28 Feb 2023	88	10.87	93.58	3.9	33.81	7.7	25.9	0.20
F36	28 Feb 2023	89	10.88	93.40	3.8	33.82	7.7	25.9	0.20
F36	28 Feb 2023	90	10.89	93.18	3.8	33.82	7.7	25.9	0.19
F36	28 Feb 2023	91	10.89	93.14	3.8	33.83	7.7	25.9	0.19
F36	28 Feb 2023	92	10.89	92.99	3.7	33.83	7.7	25.9	0.19
F36	28 Feb 2023	93	10.89	92.85	3.7	33.83	7.7	25.9	0.19
F36	28 Feb 2023	94	10.88	92.77	3.7	33.83	7.7	25.9	0.19
F36	28 Feb 2023	95	10.88	92.69	3.7	33.84	7.7	25.9	0.20
F36	28 Feb 2023	96	10.87	92.59	3.6	33.84	7.7	25.9	0.20
F36	28 Feb 2023	97	10.87	92.31	3.6	33.84	7.7	25.9	0.19
F36	28 Feb 2023	98	10.86	91.78	3.6	33.84	7.7	25.9	0.19
F36	28 Feb 2023	99	10.85	91.53	3.5	33.84	7.7	25.9	0.20
F36	28 Feb 2023	100	10.85	91.27	3.6	33.84	7.7	25.9	0.20
F36	28 Feb 2023	101	10.82	91.29	3.5	33.85	7.7	25.9	0.20

NA = not available

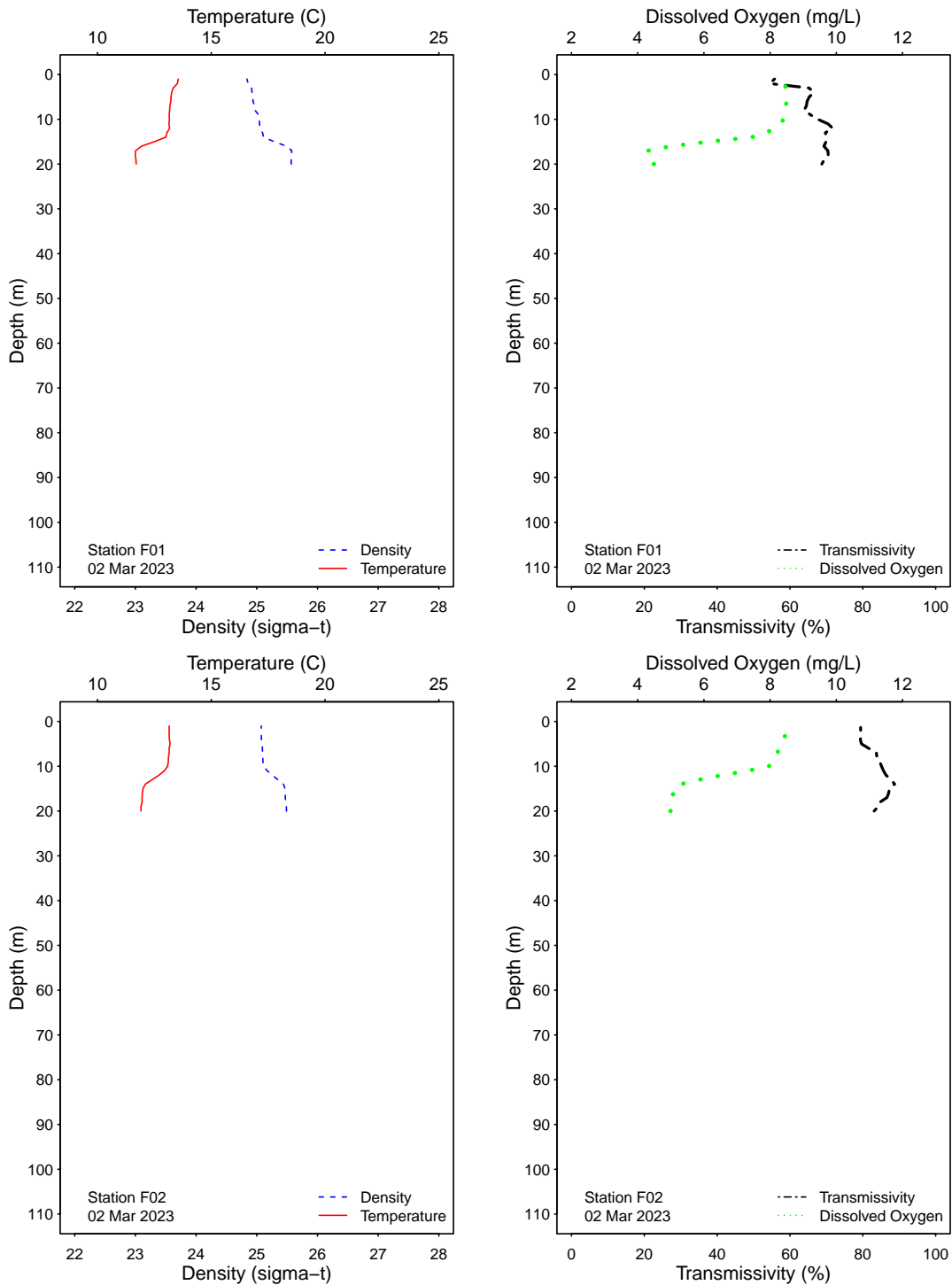


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

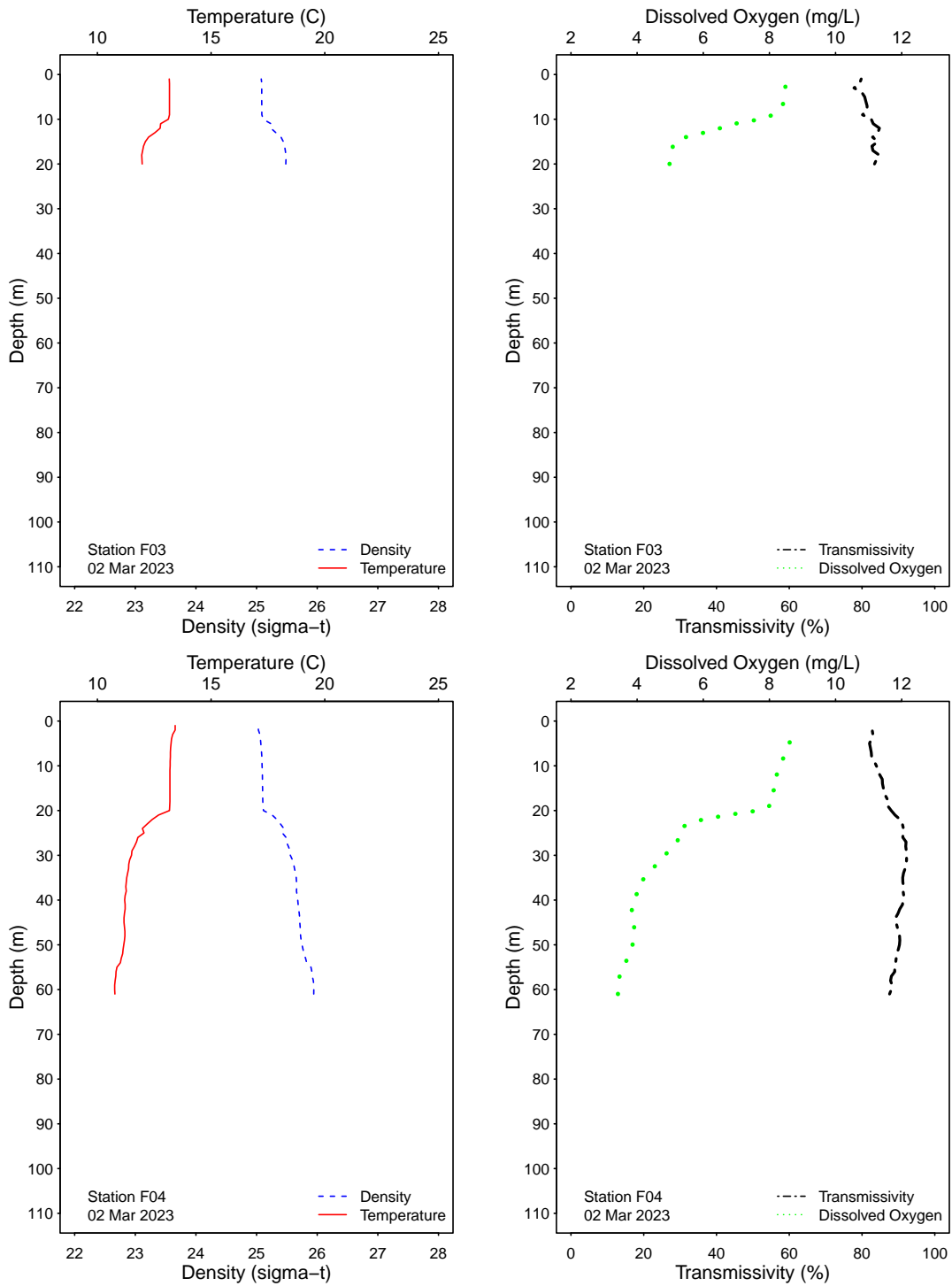


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

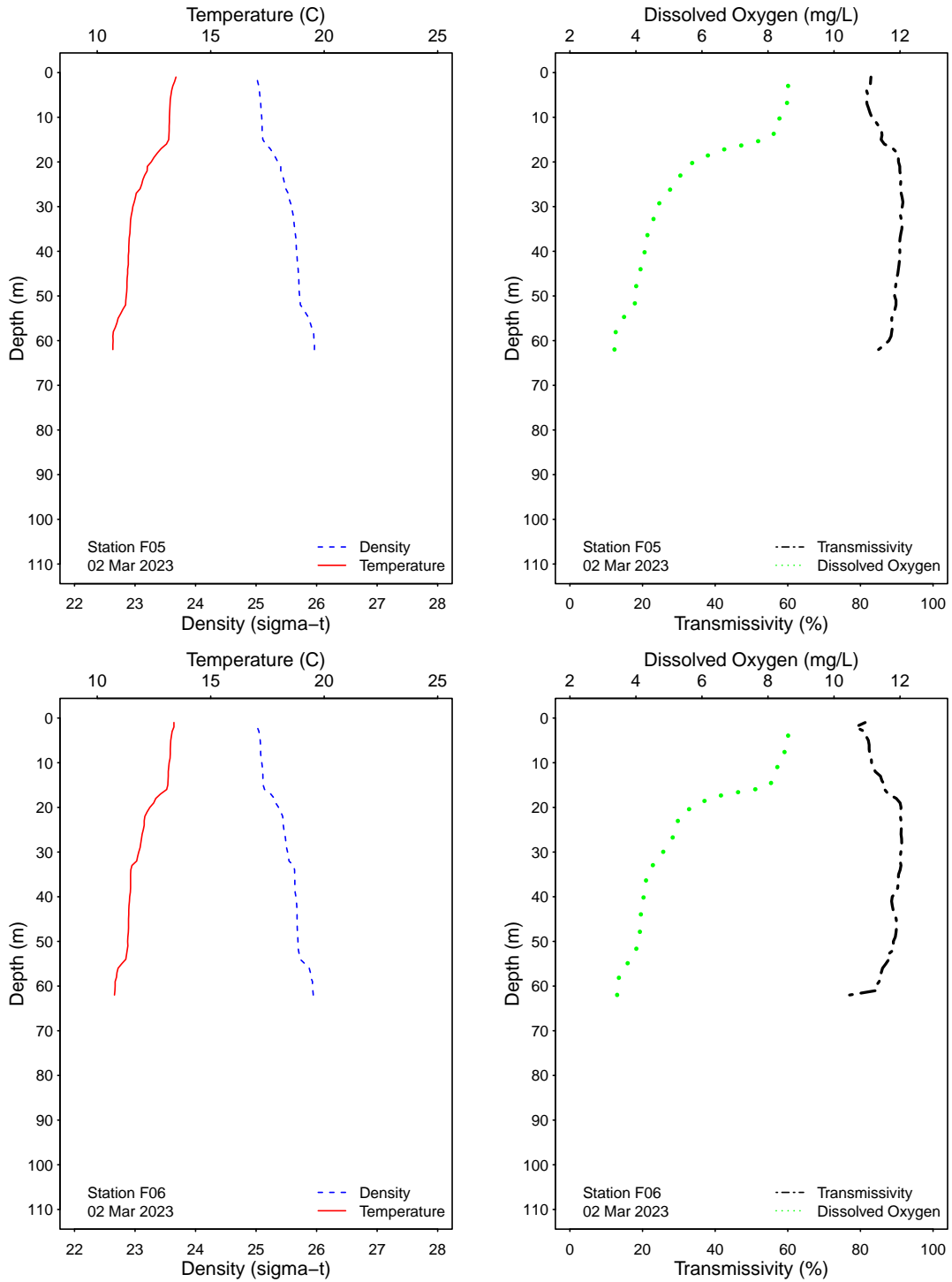


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

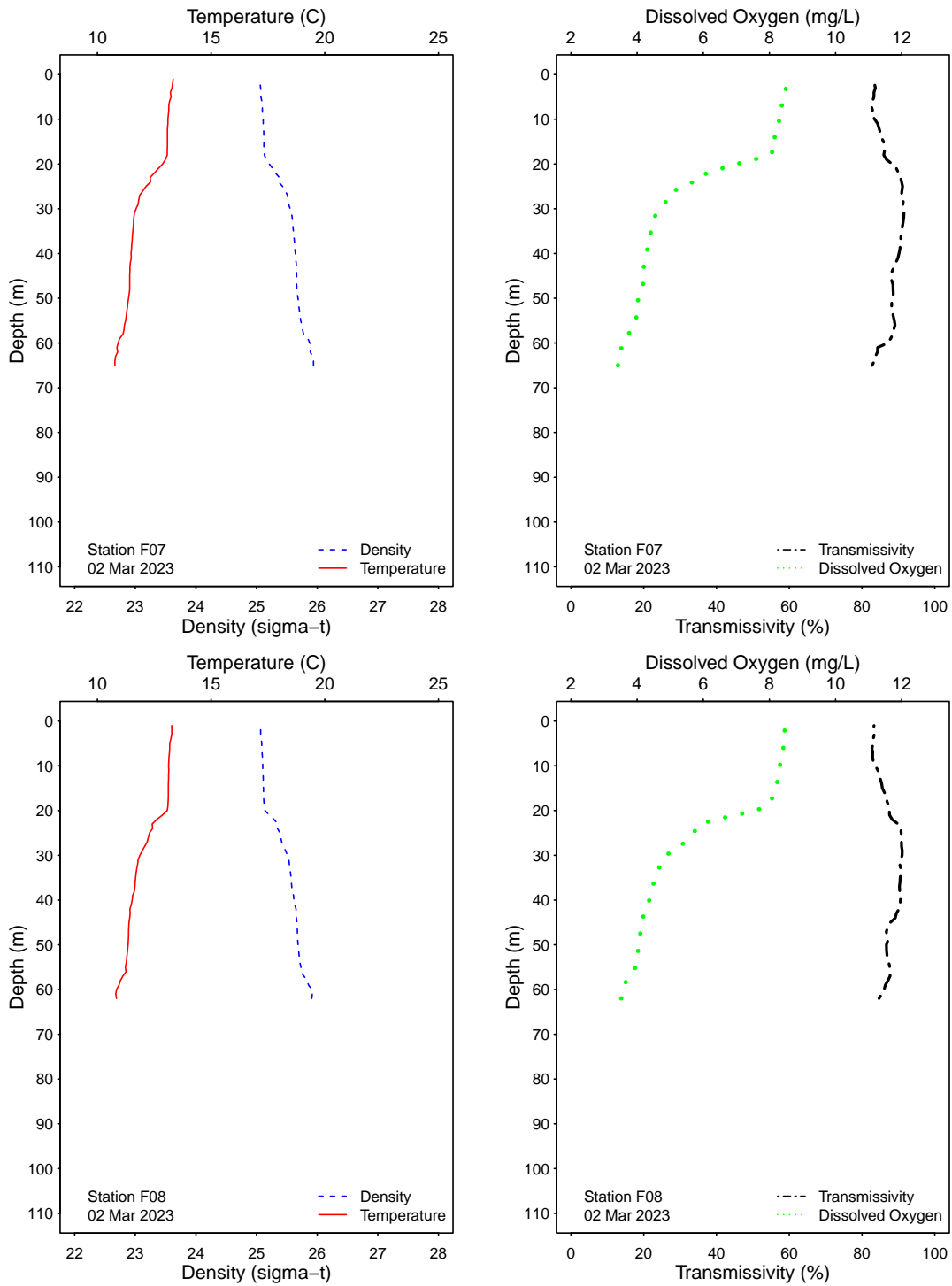


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

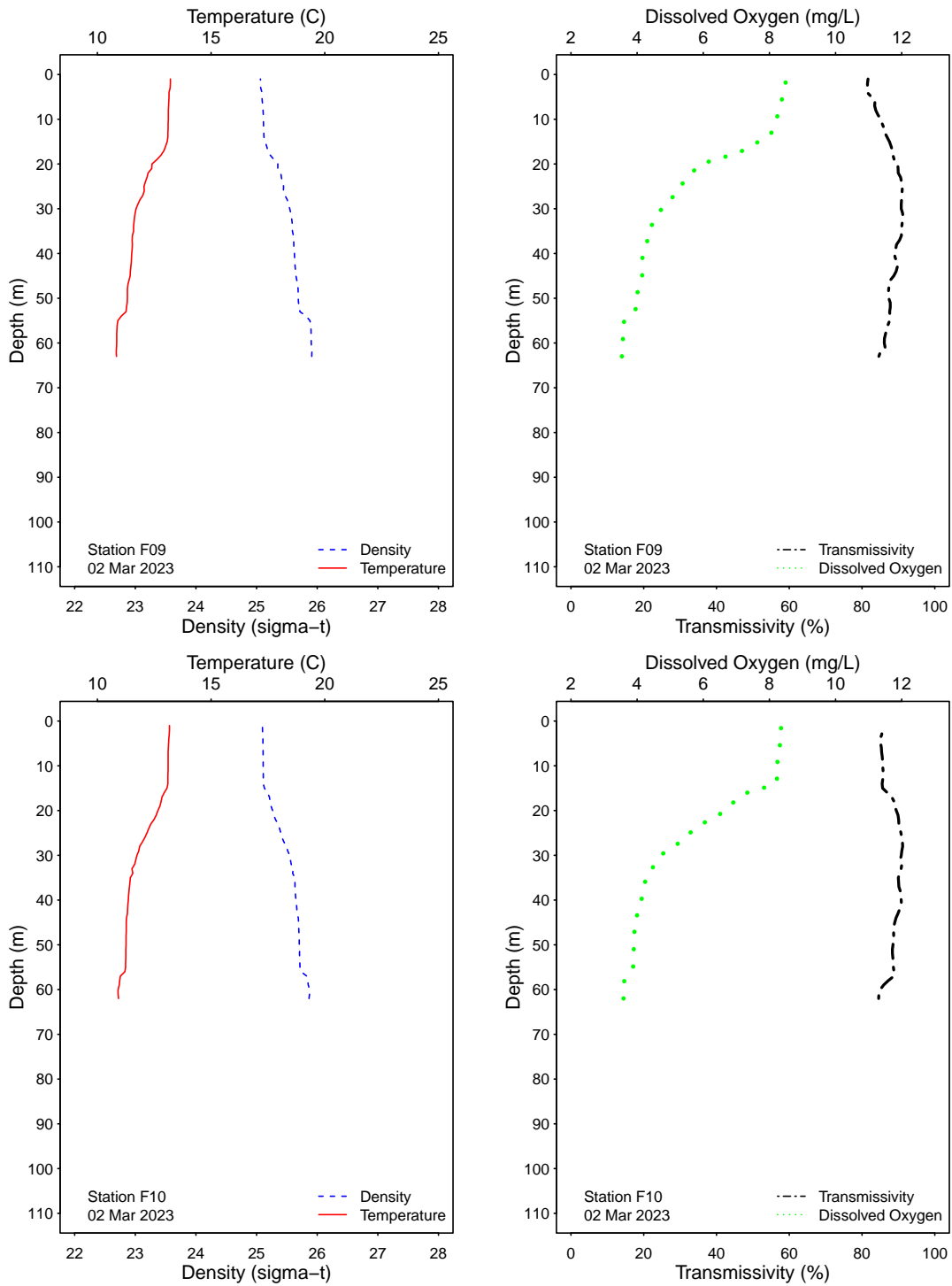


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

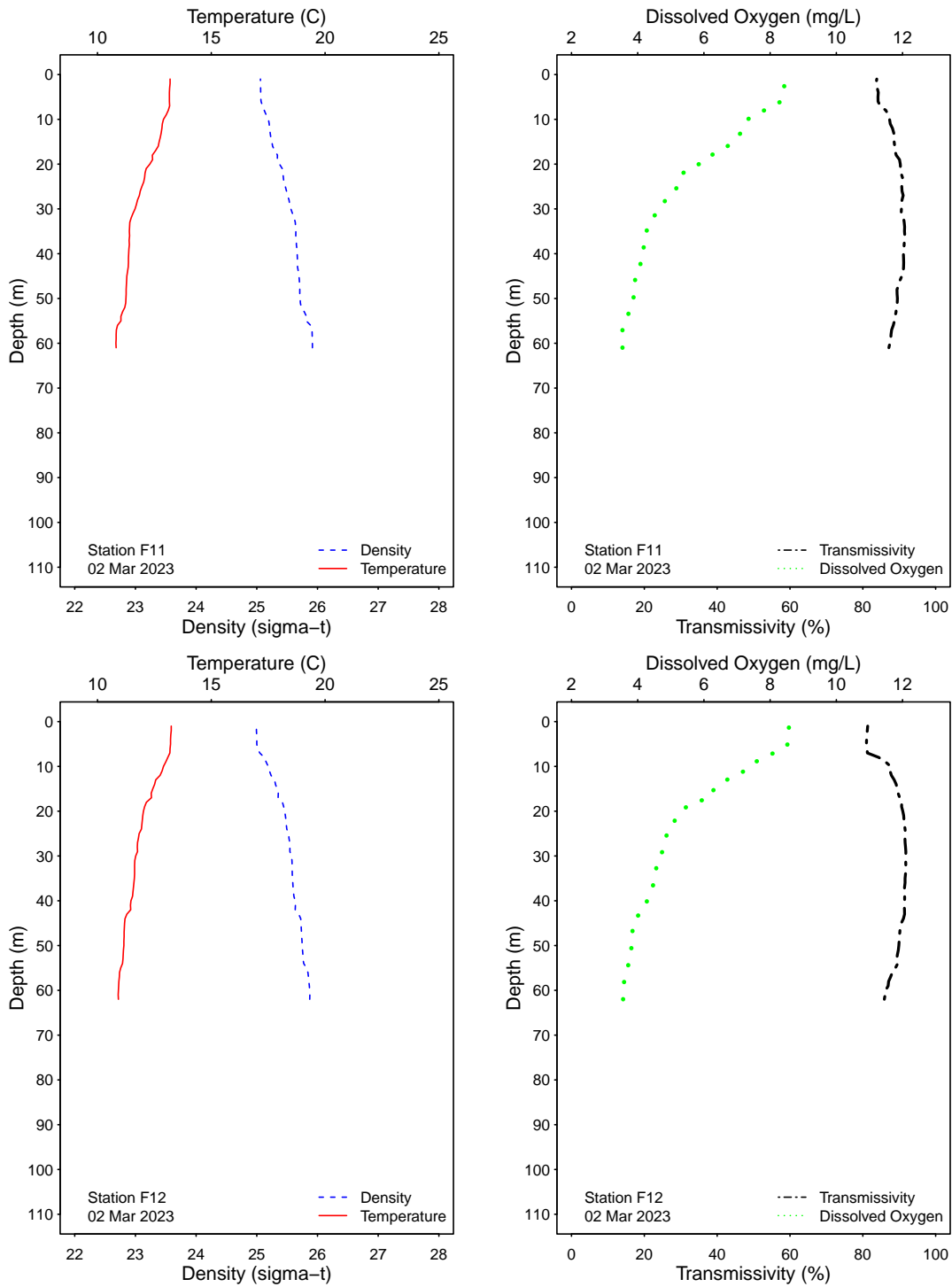


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

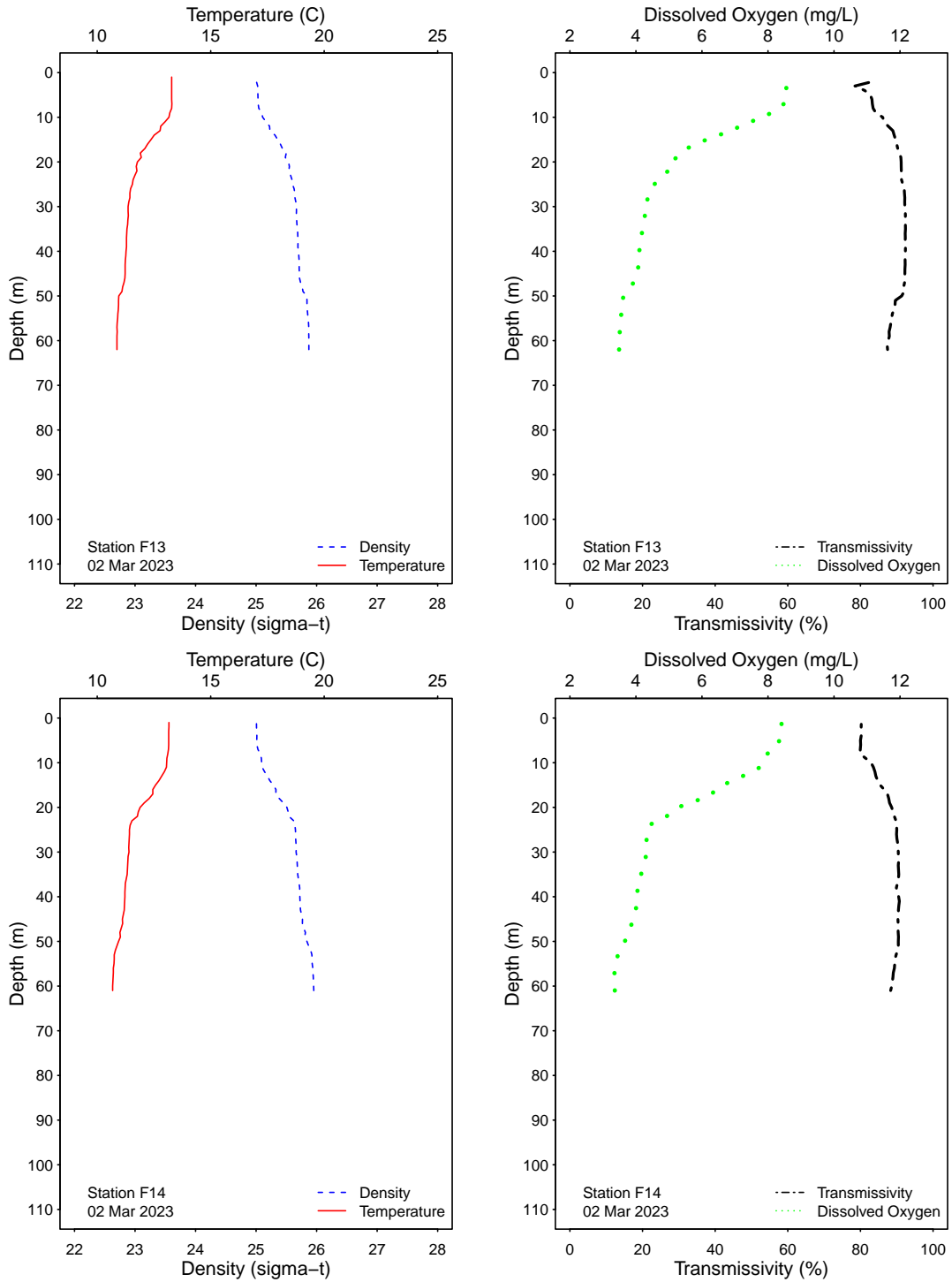


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

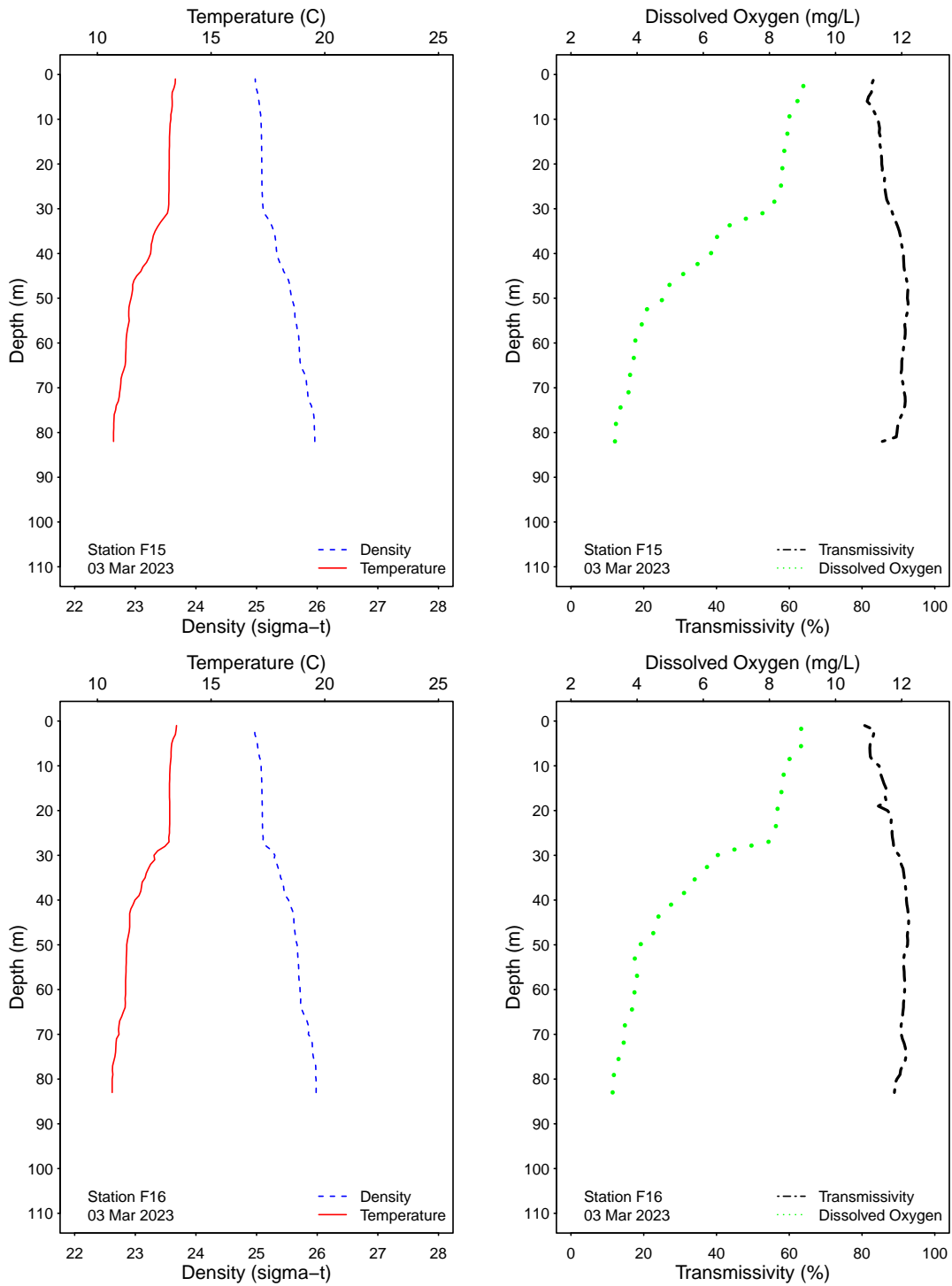


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

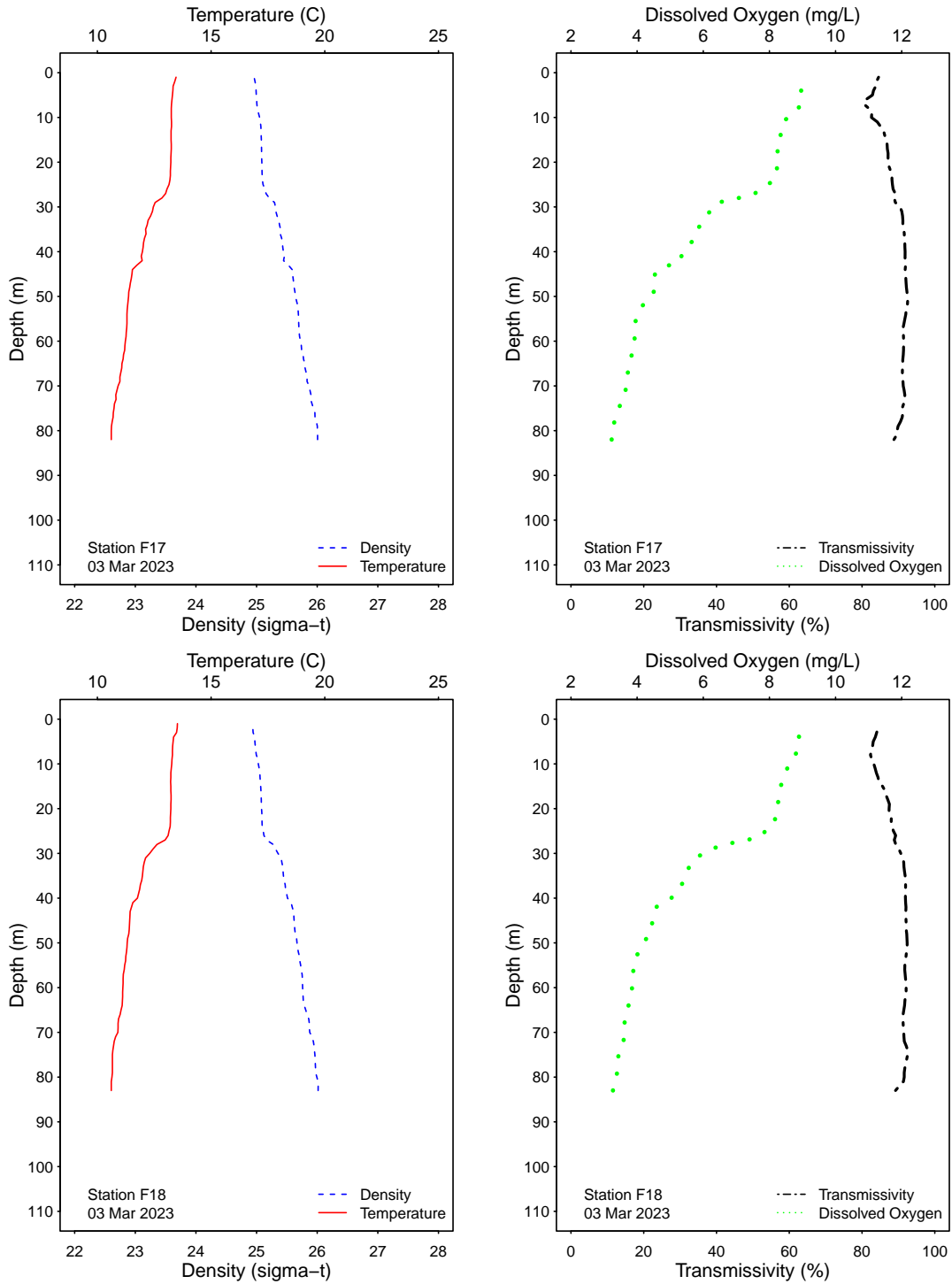


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

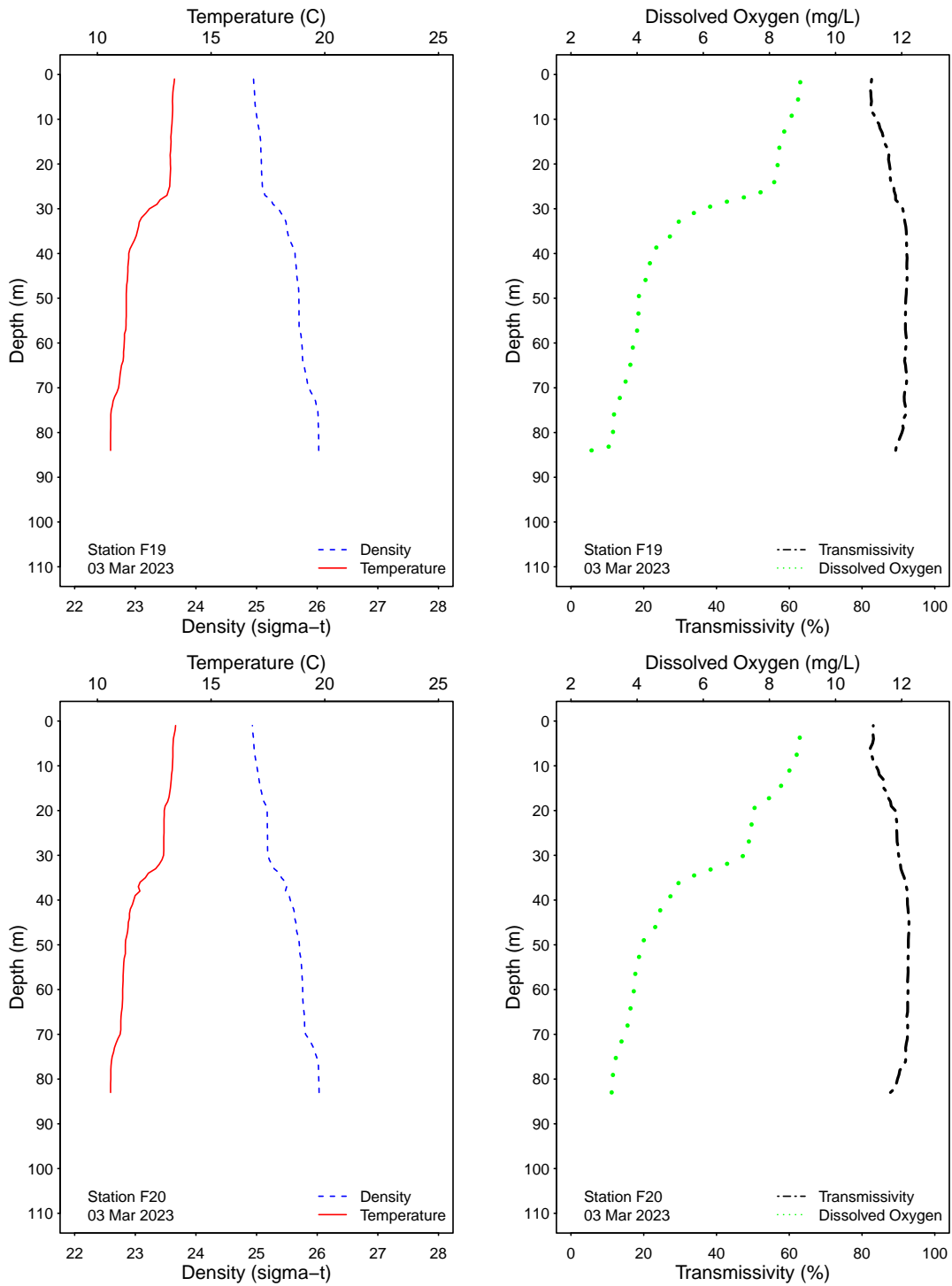


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

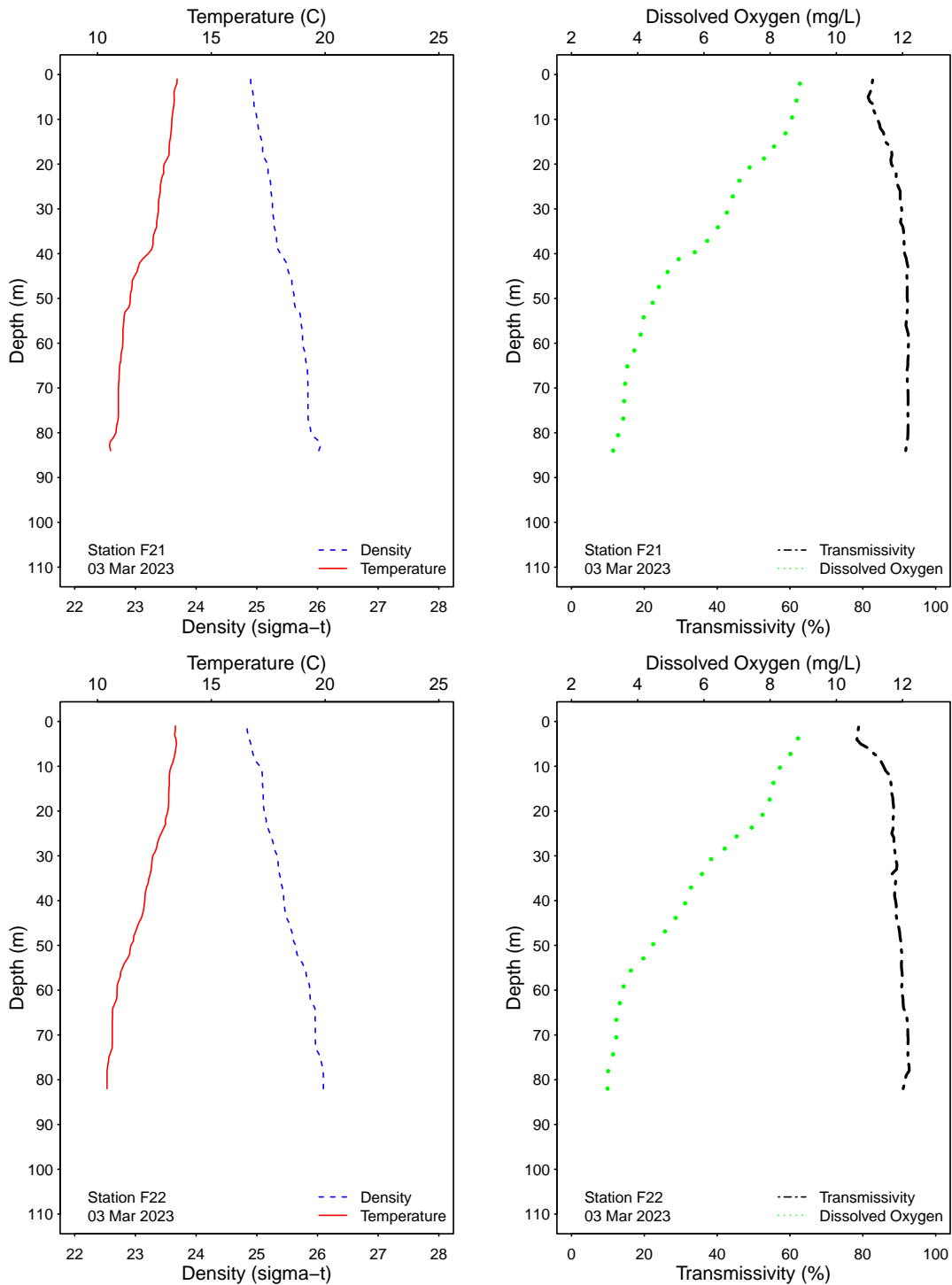


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

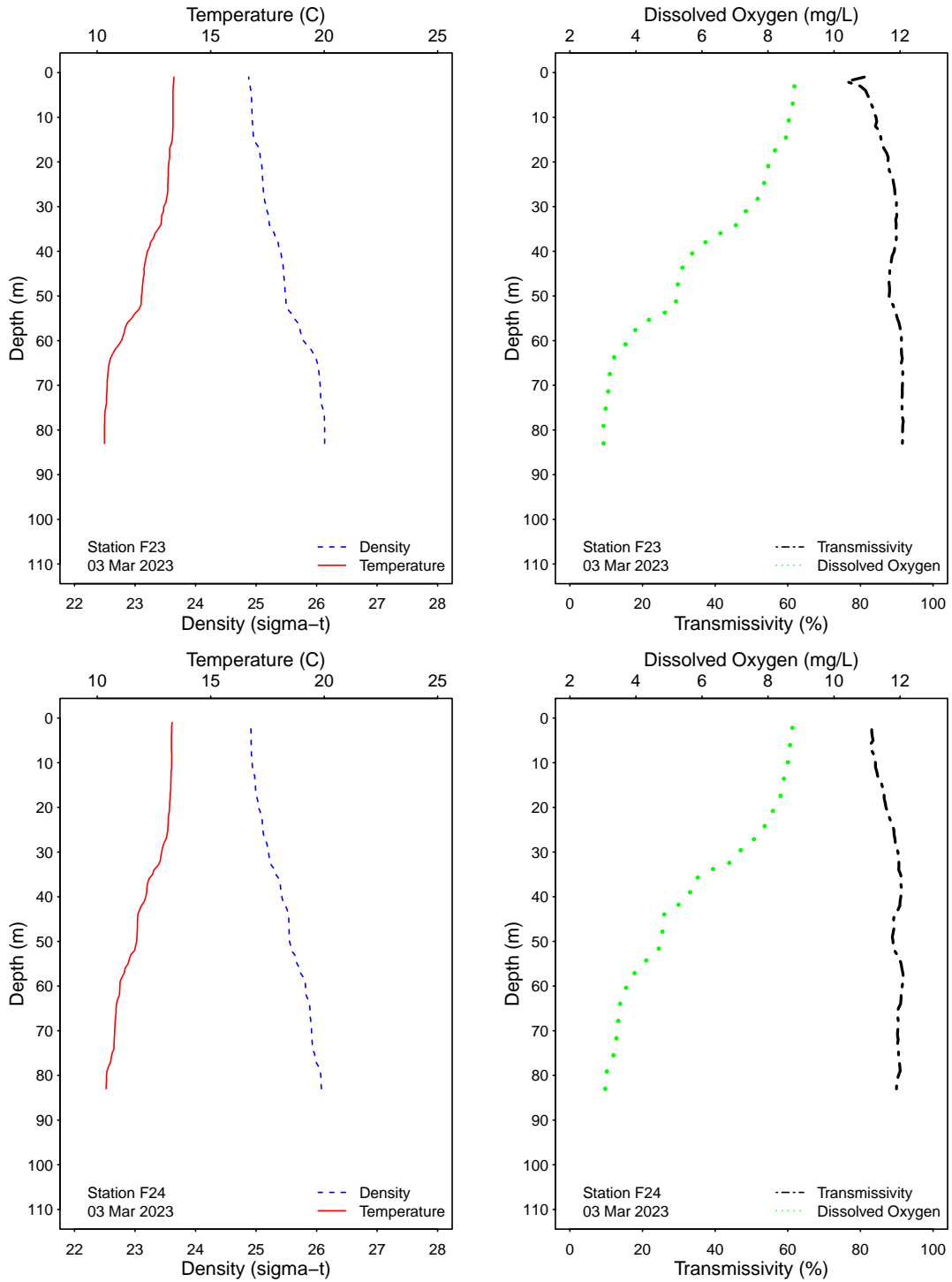


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

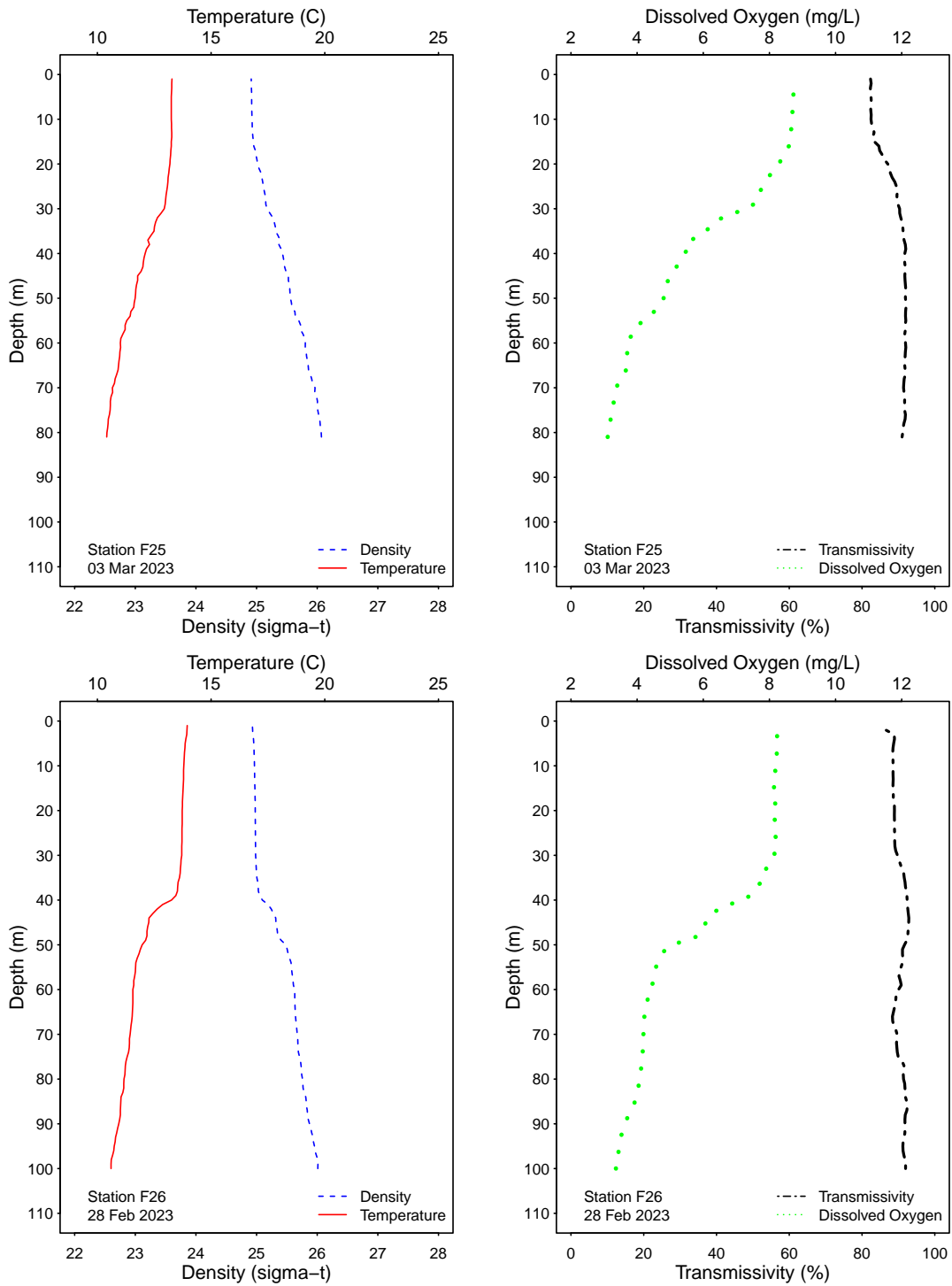


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

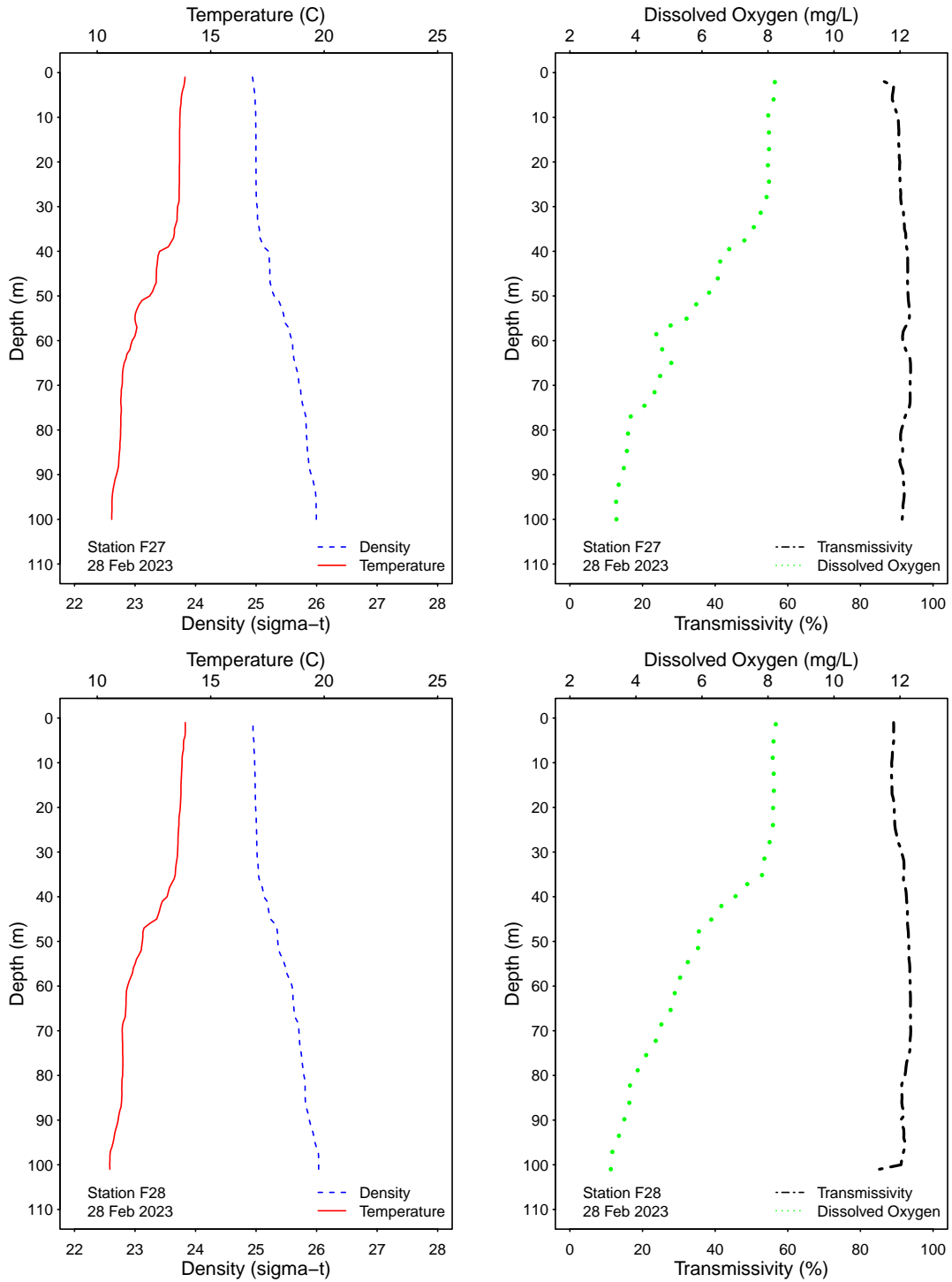


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

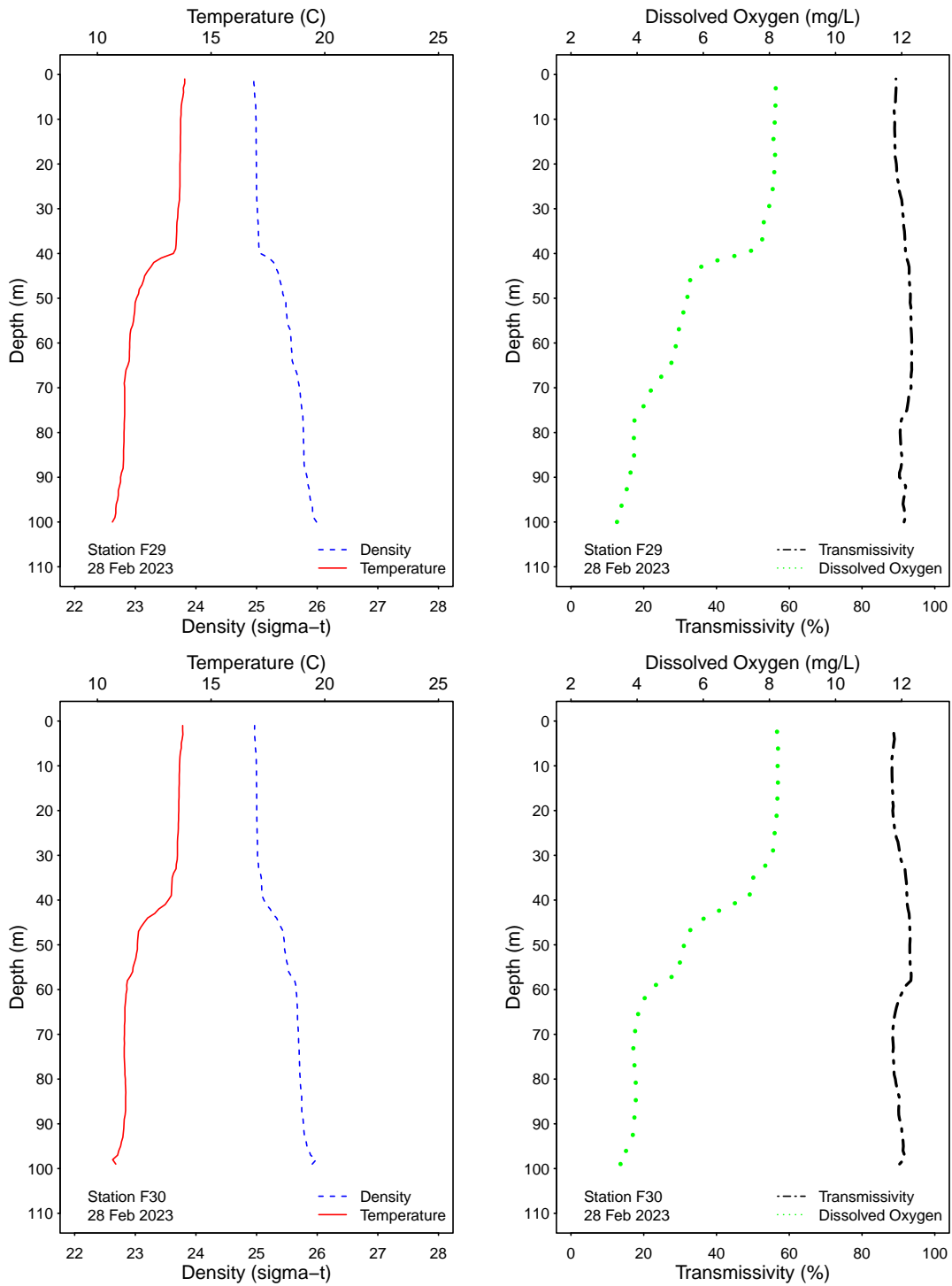


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

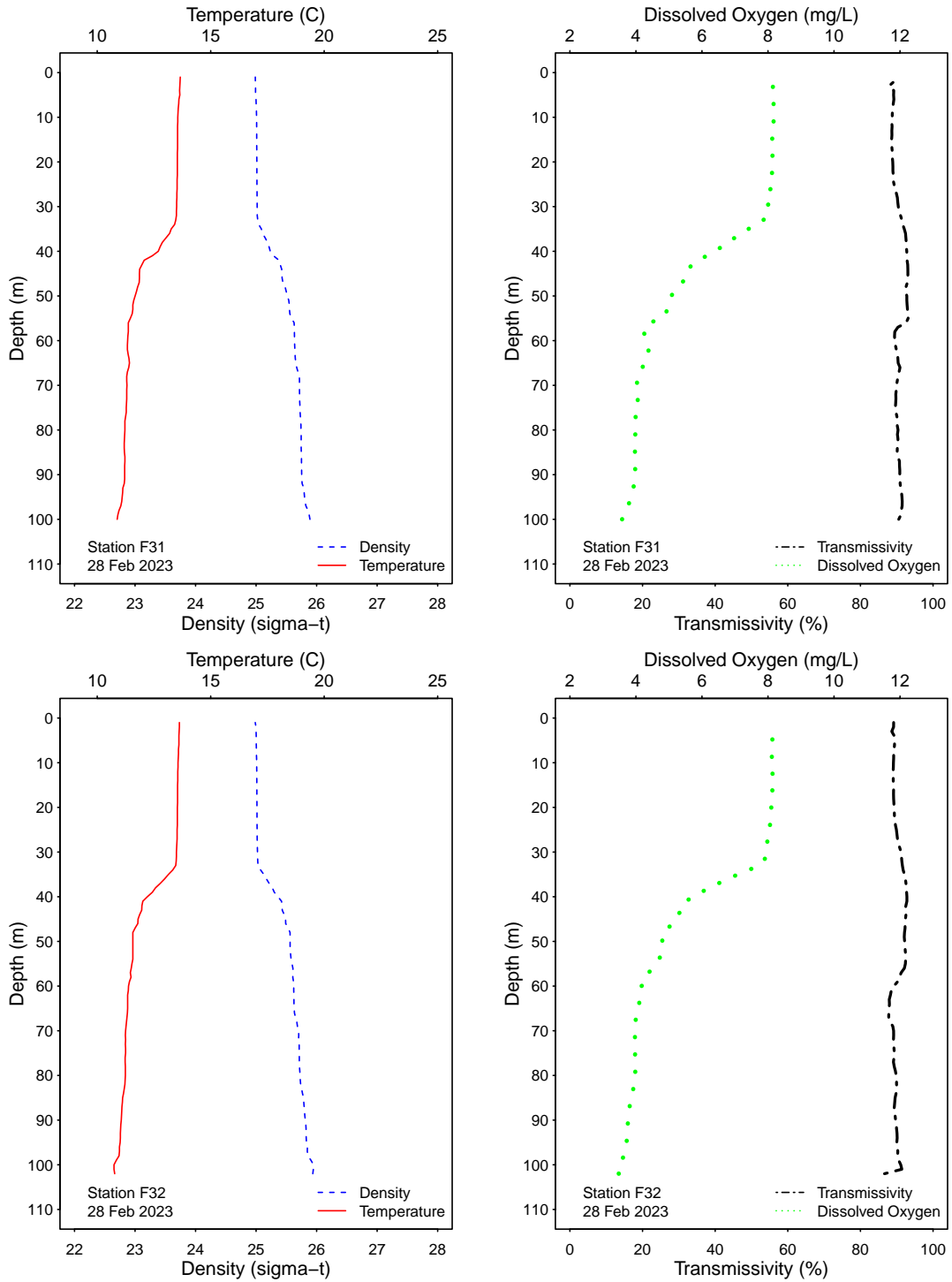


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

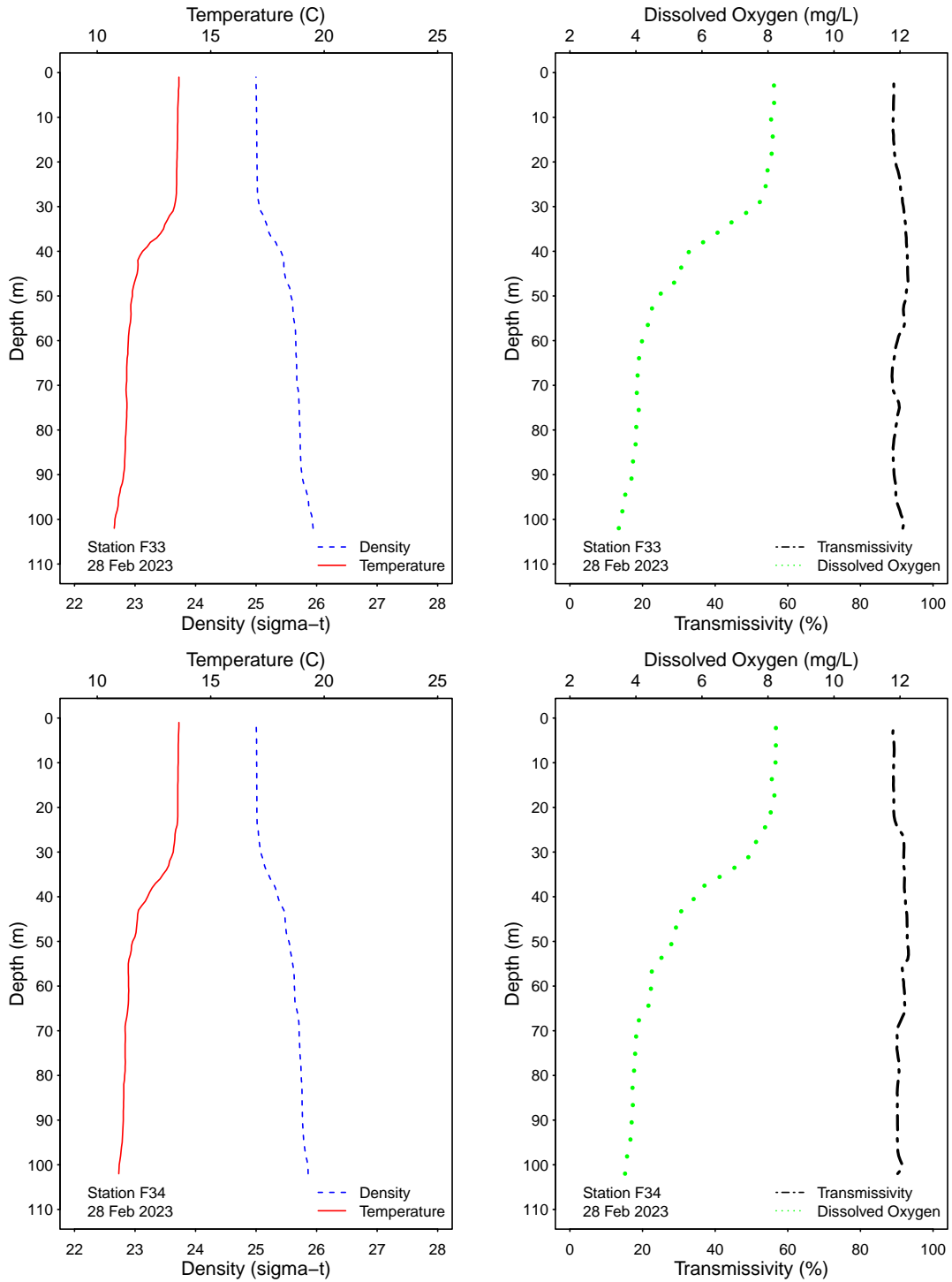


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

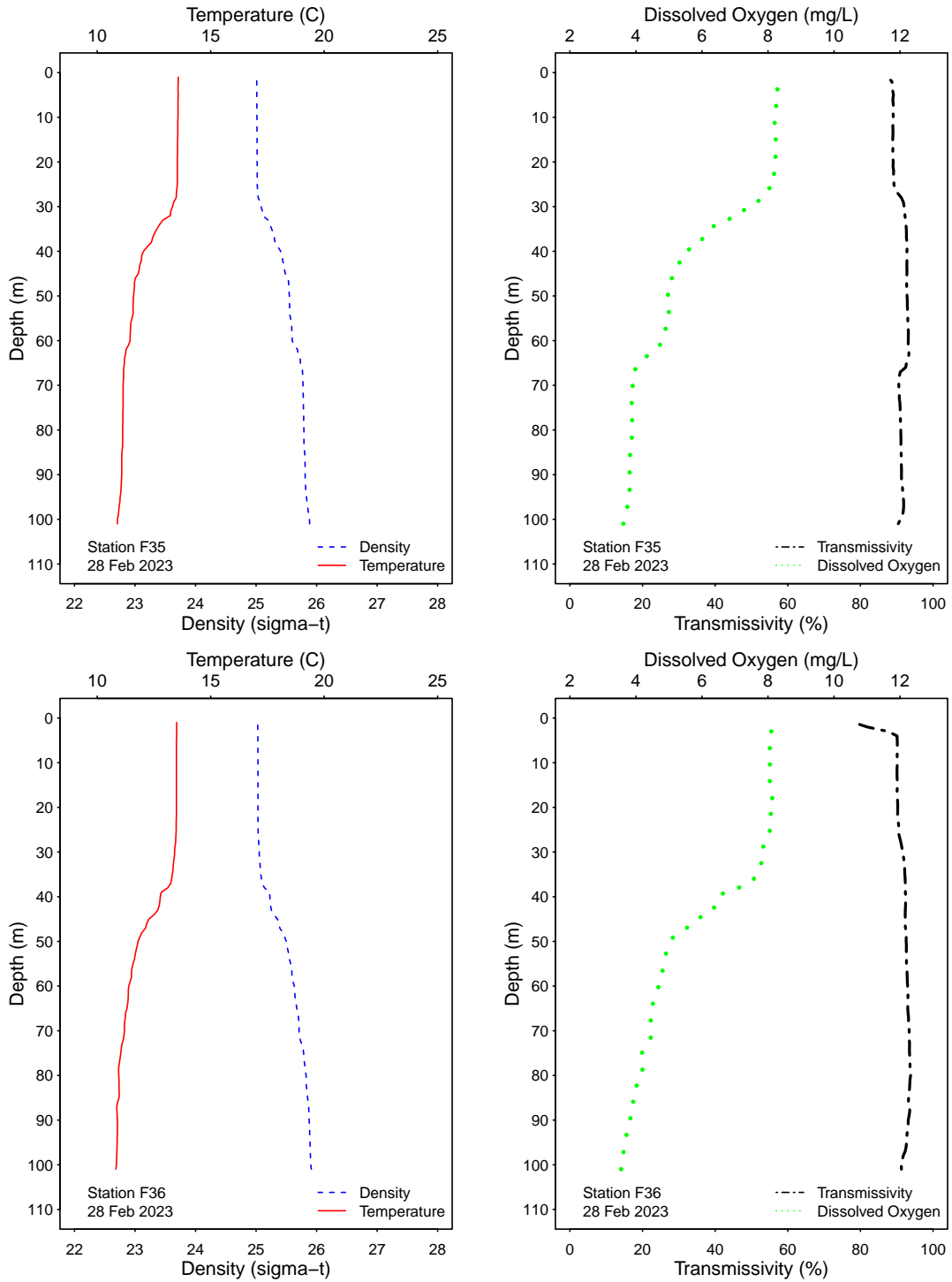


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

APPENDIX A
Quality Assurance

Table A.1

Summary of bacteriological quality assurance field and 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	10 Feb 2023	18	KT	LAB DUPLICATE	38e	4e	<2
A7	13 Feb 2023	18	JF	LAB DUPLICATE	4e	<2	<2
A7	21 Feb 2023	18	CRE	LAB DUPLICATE	<2	<2	<2
A7	27 Feb 2023	18	KT	LAB DUPLICATE	200e	22e	2e
C7	10 Feb 2023	18	KT	LAB DUPLICATE	38e	4e	<2
C7	13 Feb 2023	18	JF	LAB DUPLICATE	4e	<2	<2
C7	21 Feb 2023	18	CRE	LAB DUPLICATE	36e	6e	<2
C7	27 Feb 2023	18	KT	LAB DUPLICATE	30e	6e	<2
C8	10 Feb 2023	12	KT	LAB DUPLICATE	16e	<2	<2
C8	13 Feb 2023	12	JF	LAB DUPLICATE	<2	<2	<2
C8	21 Feb 2023	12	CRE	LAB DUPLICATE	80e	10e	2e
C8	27 Feb 2023	12	KT	LAB DUPLICATE	4e	<2	<2
D12	01 Feb 2023		KA	FIELD DUPLICATE	2e	<2	2e
D12	01 Feb 2023		KA	LAB DUPLICATE	60e	2e	4e
D12	08 Feb 2023		JF	FIELD DUPLICATE	2e	2e	<2
D12	08 Feb 2023		JF	LAB DUPLICATE	6e	<2	<2
D12	15 Feb 2023		JF	FIELD DUPLICATE	40e	<2	4e
D12	15 Feb 2023		JF	LAB DUPLICATE	20e	8e	12e
D12	22 Feb 2023		KT	FIELD DUPLICATE	4e	2e	<2
D12	22 Feb 2023		KT	LAB DUPLICATE	4e	<2	<2
D12	01 Mar 2023		JF	FIELD DUPLICATE	6e	<2	2e
D12	01 Mar 2023		JF	LAB DUPLICATE	8e	6e	<2
F01	02 Mar 2023	12	KT	LAB DUPLICATE	ns	ns	<2
F02	02 Mar 2023	12	KT	LAB DUPLICATE	ns	ns	<2
F07	02 Mar 2023	60	KT	LAB DUPLICATE	ns	ns	16e
F08	02 Mar 2023	60	KT	LAB DUPLICATE	ns	ns	38e
F11	02 Mar 2023	60	KT	LAB DUPLICATE	ns	ns	6e
F17	03 Mar 2023	80	CRE	LAB DUPLICATE	ns	ns	62
F18	03 Mar 2023	60	CRE	LAB DUPLICATE	ns	ns	58
F19	03 Mar 2023	60	CRE	LAB DUPLICATE	ns	ns	54
F20	03 Mar 2023	60	CRE	LAB DUPLICATE	ns	ns	44
F21	03 Mar 2023	80	CRE	LAB DUPLICATE	ns	ns	6e
F28	28 Feb 2023	60	KA	LAB DUPLICATE	ns	ns	<2
F29	28 Feb 2023	60	KA	LAB DUPLICATE	ns	ns	<2
F30	28 Feb 2023	60	JF	LAB DUPLICATE	ns	ns	24e
F31	28 Feb 2023	80	JF	LAB DUPLICATE	ns	ns	70
F32	28 Feb 2023	80	JF	LAB DUPLICATE	ns	ns	40
F34	28 Feb 2023	60	KT	LAB DUPLICATE	ns	ns	20e

ns = not sampled

ND = no data

APPENDIX B

New 2019 Ocean Plan Water Quality Objectives

Shore Stations

Table B.1

Summary of compliance with the Ocean Plan's 6-week Geometric Mean standard for *Enterococcus* at the PLOO shore stations. Data are based on the geometric mean of the five most recent samples from each site over the previous 6 weeks unless otherwise noted (*). Values >30 CFU/100 mL exceed the standard.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Feb 2023	3	7	4	11	23	24	27	5
02 Feb 2023	3	6	4	11	23	24	27	5
03 Feb 2023	3	6	4	11	23	24	27	5
04 Feb 2023	3	6	4	11	23	24	27	5
05 Feb 2023	3	6	4	11	23	24	27	5
06 Feb 2023	3	6	4	11	23	24	27	5
07 Feb 2023	3	6	4	11	23	24	27	5
08 Feb 2023	2	6	4	8	23	17	15	5
09 Feb 2023	2	6	4	8	23	17	17	5
10 Feb 2023	2	6	4	8	23	17	17	5
11 Feb 2023	2	6	4	8	23	17	17	5
12 Feb 2023	2	6	4	8	23	17	17	5
13 Feb 2023	2	6	4	8	23	17	17	5
14 Feb 2023	2	6	4	8	23	17	17	5
15 Feb 2023	2	6	5	7	19	14	15	5
16 Feb 2023	2	6	5	7	19	14	15	5
17 Feb 2023	2	6	5	7	13	14	15	5
18 Feb 2023	2	6	5	7	16	14	15	5
19 Feb 2023	2	6	5	7	16	14	15	5
20 Feb 2023	2	6	5	7	16	14	15	5
21 Feb 2023	2	6	5	7	16	14	15	5
22 Feb 2023	2	8	8	8	10	14	13	4
23 Feb 2023	2	8	8	8	10	14	13	4
24 Feb 2023	2	8	8	8	10	14	13	4
25 Feb 2023	2	8	8	8	10	14	13	4
26 Feb 2023	2	8	8	8	10	14	13	4
27 Feb 2023	2	8	8	8	10	14	13	4
28 Feb 2023	2	8	8	8	10	14	13	4
01 Mar 2023	2	7	6	7	7	11	10	3
02 Mar 2023	2	7	6	7	7	11	9	3
03 Mar 2023	2	7	6	7	7	11	9	3
04 Mar 2023	2	7	6	7	7	11	9	3

* Geometric mean calculated using n<5
 ns = not sampled

Table B.2

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

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
February	IC	E	IC	IC	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 Feb 2023	20	120	20	40	60	200	160	20
02 Feb 2023	20	120	20	40	60	200	160	20
03 Feb 2023	20	70	18	25	50	120	130	12
04 Feb 2023	20	70	18	25	50	120	130	12
05 Feb 2023	20	70	18	25	50	120	130	12
06 Feb 2023	20	70	18	25	50	120	130	12
07 Feb 2023	20	70	18	25	50	120	130	12
08 Feb 2023	20	20	16	10	40	40	100	20
09 Feb 2023	20	20	16	10	40	40	100	20
10 Feb 2023	20	70	9	8	40	120	70	22
11 Feb 2023	20	70	9	8	40	120	70	22
12 Feb 2023	20	70	9	8	40	120	70	22
13 Feb 2023	20	70	9	8	40	120	70	22
14 Feb 2023	20	70	9	8	40	120	70	22
15 Feb 2023	20	20	16	10	40	160	100	40
16 Feb 2023	20	20	16	10	40	160	100	40
17 Feb 2023	20	20	9	8	40	100	70	22
18 Feb 2023	20	20	9	8	40	100	70	22
19 Feb 2023	20	20	9	8	40	100	70	22
20 Feb 2023	20	20	9	8	40	100	70	22
21 Feb 2023	20	20	9	8	40	100	70	22
22 Feb 2023	20	20	16	10	40	40	40	14
23 Feb 2023	20	20	16	10	40	40	40	14
24 Feb 2023	20	20	11	23	33	31	40	27
25 Feb 2023	20	20	11	23	33	31	40	27
26 Feb 2023	20	20	11	23	33	31	40	27
27 Feb 2023	20	20	11	23	33	31	40	27
28 Feb 2023	20	20	11	23	33	31	40	27
01 Mar 2023	20	20	20	40	26	40	40	20
02 Mar 2023	20	20	20	40	26	40	40	20
03 Mar 2023	23	20	20	60	30	100	50	30
04 Mar 2023	23	20	20	60	30	100	50	30

* 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
February	IC	E	IC	E	IC	IC	E	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 Feb 2023	3	3	3	3	5	3	2	2
02 Feb 2023	3	3	3	3	5	3	2	2
03 Feb 2023	3	3	3	3	5	3	2	2
04 Feb 2023	3	3	3	3	5	3	2	2
05 Feb 2023	3	3	3	3	5	3	2	2
06 Feb 2023	3	3	3	3	5	3	2	2
07 Feb 2023	3	3	3	3	5	3	2	2
08 Feb 2023	3	3	3	3	5	3	2	2
09 Feb 2023	3	3	3	3	5	3	2	2
10 Feb 2023	3	3	3	3	5	3	2	2
11 Feb 2023	3	3	3	3	5	3	2	2
12 Feb 2023	3	3	3	3	5	3	2	2
13 Feb 2023	3	2	3	3	4	2	2	2
14 Feb 2023	3	2	3	3	4	2	2	2
15 Feb 2023	3	3	3	3	3	3	2	2
16 Feb 2023	3	3	3	3	3	3	2	2
17 Feb 2023	3	3	3	3	3	3	2	2
18 Feb 2023	3	3	3	3	3	3	2	2
19 Feb 2023	3	3	3	3	3	3	2	2
20 Feb 2023	3	3	3	3	3	3	2	2
21 Feb 2023	3	2	3	3	3	2	2	2
22 Feb 2023	3	2	3	3	3	2	2	2
23 Feb 2023	3	3	3	3	3	3	2	2
24 Feb 2023	3	3	3	3	3	3	2	2
25 Feb 2023	3	3	3	3	3	3	2	2
26 Feb 2023	3	3	3	3	3	3	2	2
27 Feb 2023	3	2	3	3	3	2	2	2
28 Feb 2023	3	2	3	3	3	2	2	2
01 Mar 2023	2	2	2	2	2	2	2	2
02 Mar 2023	2	2	2	2	2	2	2	2
03 Mar 2023	2	2	2	2	2	2	2	2
04 Mar 2023	2	2	2	2	2	2	2	2

* Geometric mean calculated using n<5

Table B.6

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
February	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

Date	A1			A6			A7			C4			C5			C6			C7			C8		
	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 Feb 2023	8	14	20	6	2	6	4	2	12	2	20	2	2	2	2	2	4	20	2	2	2	12	4	8
02 Feb 2023	8	14	20	6	2	6	4	2	12	2	20	2	2	2	2	2	4	20	2	2	2	12	4	8
03 Feb 2023	6	13	21	6	2	30	2	4	14	2	11	2	2	2	2	3	20	2	2	4	2	16	4	7
04 Feb 2023	6	13	21	6	2	30	2	4	14	2	11	2	2	2	2	3	20	2	2	4	2	16	4	7
05 Feb 2023	6	13	21	6	2	30	2	4	14	2	11	2	2	2	2	3	20	2	2	4	2	16	4	7
06 Feb 2023	6	13	21	6	2	30	2	4	14	2	11	2	2	2	2	3	20	2	2	4	2	16	4	7
07 Feb 2023	6	13	21	6	2	30	2	4	14	2	11	2	2	2	2	3	20	2	2	4	2	16	4	7
08 Feb 2023	6	13	21	6	2	30	2	4	14	2	11	2	2	2	2	3	20	2	2	4	2	16	4	7
09 Feb 2023	6	13	21	6	2	30	2	4	14	2	11	2	2	2	2	3	20	2	2	4	2	16	4	7
10 Feb 2023	6	4	22	6	2	36	2	2	16	2	4	2	2	2	2	2	20	2	2	4	2	12	6	8
11 Feb 2023	7	3	25	8	2	45	5	2	26	3	2	2	2	2	2	2	16	2	2	3	20	7	13	10
12 Feb 2023	7	3	25	8	2	45	5	2	26	3	2	2	2	2	2	2	16	2	2	3	20	7	13	10
13 Feb 2023	6	2	22	6	2	36	2	2	16	2	2	2	2	2	2	2	12	2	2	2	2	2	6	8
14 Feb 2023	6	2	22	6	2	36	2	2	16	2	2	2	2	2	2	2	12	2	2	2	2	2	6	8
15 Feb 2023	6	2	22	6	2	36	2	2	16	2	2	2	2	2	2	2	12	2	2	2	2	2	6	8
16 Feb 2023	6	2	22	6	2	36	2	2	16	2	2	2	2	2	2	2	12	2	2	2	2	2	6	8
17 Feb 2023	4	2	21	4	2	21	2	2	10	2	2	2	2	2	2	2	7	2	2	2	2	2	4	7
18 Feb 2023	4	2	21	4	2	21	2	2	10	2	2	2	2	2	2	2	7	2	2	2	2	2	4	7
19 Feb 2023	4	2	21	4	2	21	2	2	10	2	2	2	2	2	2	2	7	2	2	2	2	2	4	7
20 Feb 2023	4	2	21	4	2	21	2	2	10	2	2	2	2	2	2	2	7	2	2	2	2	2	4	7
21 Feb 2023	2	2	20	2	2	26	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2	2	6	8
22 Feb 2023	2	2	20	2	2	26	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2	2	6	8
23 Feb 2023	4	2	12	2	4	16	2	2	3	2	2	2	2	2	2	2	2	2	3	3	20	2	27	27
24 Feb 2023	4	2	12	2	4	16	2	2	3	2	2	2	2	2	2	2	2	2	2	3	20	2	27	27
25 Feb 2023	4	2	12	2	4	16	2	2	3	2	2	2	2	2	2	2	2	2	2	3	20	2	27	27
26 Feb 2023	4	2	12	2	4	16	2	2	3	2	2	2	2	2	2	2	2	2	2	3	20	2	27	27
27 Feb 2023	6	2	20	2	2	6	2	2	4	2	2	2	2	2	2	2	2	2	2	4	20	2	6	8
28 Feb 2023	6	2	20	2	2	6	2	2	4	2	2	2	2	2	2	2	2	2	2	4	20	2	6	8
01 Mar 2023	6	2	20	2	2	6	2	2	4	2	2	2	2	2	2	2	2	2	2	4	20	2	6	8
02 Mar 2023	4	3	24	2	2	6	15	3	20	2	3	2	2	2	2	2	2	2	2	3	5	2	25	24
03 Mar 2023	4	3	24	2	2	6	15	3	20	2	3	2	2	2	2	2	2	2	2	3	5	2	25	24
04 Mar 2023	4	3	24	2	2	6	15	3	20	2	3	2	2	2	2	2	2	2	2	3	5	2	25	24

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
February	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	E	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

