

# 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 2024

Environmental Monitoring and Technical Services  
2392 Kincaid Road • Mail Station 45A • San Diego, CA 92101  
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March 31, 2024

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 2024 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


SELF-MONITORING REPORT REVIEW

(To be completed by the discharger and submitted with each monitoring report)

TO: California Regional Water Quality Control Board  
2375 Northside Drive, Suite 100  
San Diego, CA 92018

DISCHARGER: City of San Diego Point Loma Treatment Plant  
ORDER/RESOLUTION NO: R9-2022-0078, Addendum No. 1 to Order No. R9-2017-2007

REPORT FOR: February 2024 REPORT DUE: 03-31-2024 REPORT FREQUENCY Monthly

SIGNED UNDER PENALTY OF PERJURY   
\_\_\_\_\_  
Jessica Mathews, Senior Environmental Scientist

OUR REVIEW OF THE ATTACHED SELF-MONITORING REPORT REVEALS THE FOLLOWING MONITORING VIOLATION(S):

On Friday, 2/9/2024, a sample from station D11 was collected due to a previous exceedance of the single sample maximum (SSM). When the *Enterococcus* result was read the next day on Saturday, 2/10/2024, the data was interpreted to give a result of 100e CFU/100mL, which is under the SSM of 104 CFU/100mL according to Section V.A.1.a.ii.(c). Due to this interpretation, repeat sampling was discontinued for this site.

While performing data entry on Wednesday, 2/14/2024, laboratory staff noticed an anomaly with how the results were written down and it was realized by the original analyst that the results were written down incorrectly. The sample volumes used for the analysis analyzed were mistakenly written in place of the colony counts. The actual result was 260e CFU/100mL, which is over the SSM. Sampling of this site next occurred on Wednesday, 2/14/2024. Thus, footnote 3 of Table E-5 was violated: "If a single sample exceeds any of the single sample maximum bacterial standards contained in section V.A.1.a.ii of this Order/Permit, repeat sampling at that location shall be conducted to determine the extent and persistence of the exceedance. Repeat sampling shall be conducted within 24 hours of receiving analytical results and continued until the sample result is less than the single sample maximum standard or until a sanitary survey is conducted to determine the source of the high bacterial densities."

THE FOLLOWING REMEDIAL ACTION WILL BE (HAS BEEN) TAKEN TO CORRECT THE MONITORING VIOLATIONS LISTED ABOVE:

Extra quality control procedures will be taken when an analyst is working alone and needs the data reviewed to ensure the results do not exceed limits. The analyst will send a picture of the results data sheet to the Marine Microbiology group supervisor and the Microbiology section Senior Environmental Scientist before reporting results and confirming whether or not resampling is needed.

## 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  $\geq 4$  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)<sup>1</sup>. This document defines membrane filtration limits of 20–80 colonies per plate for total coliforms and 20–60 colonies per plate for fecal coliforms and *Enterococcus*. No Data (ND) is reported if plate counts from all dilutions have a total colony count of >200 per plate.

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

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

- (1) Total coliform density shall not exceed 10,000 CFU/100 mL;
- (2) Fecal coliform density shall not exceed 400 CFU/100 mL;
- (3) *Enterococcus* density shall not exceed 104 CFU/100 mL;
- (4) Total coliform density shall not exceed 1,000 CFU/100 mL when the fecal coliform/total coliform ratio exceeds 0.1.

Quality controls of bacteriological data include laboratory and field duplicate analyses. Laboratory duplicates are performed on approximately 10% of the water quality samples, while field duplicates are performed six times a month (see Appendix A). Laboratory duplicates represent two aliquots of the original sample that are split in the laboratory and analyzed by the same analyst using identical procedures within the same analytical run. The results of these analyses provide a measure of intra-analyst precision. In contrast, field duplicates represent two separate samples collected at the same time from the same site, which are handled under identical circumstances and treated the same throughout field and lab procedures. The results of these analyses provide a measure of precision associated with sample collection, preservation, storage, and lab procedures. The sign test (see Gilbert, 1987<sup>2</sup>) 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 2024 Quality Assurance Report, which will be completed in March 2025.

## SUMMARY OF RESULTS

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

### ***Shore Stations***

- The eight shore stations (D4, D5, D7, D8-B, D9, D10, D11, D12) were sampled on February 6, 14, 21, and 28.
- During the February report period, four of the eight shore stations were out of compliance with 2015 California Ocean Plan (Ocean Plan) water contact standards on one or more days as follows:
  - The 30-day running geometric mean standard for *Enterococcus* was exceeded at stations D10 and D11.
  - The Single Sample Maximum (SSM) standard for *Enterococcus* was exceeded at D11.
  - The SSM standard for total coliforms was exceeded at stations D8-B, D9, and D11.
  - The SSM standard for fecal:total ratio was exceeded at station D11.
- A sewage-like odor was observed at station D5 on one or more days in February.
- A data-entry error resulted in a failure to perform required resampling for an exceedance that occurred during the report period at station D11. A self monitoring report describing the error and corrective action has been included in this report.
- 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*

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

*Waters Monitoring and Assessment Report for the Point Loma and South Bay Ocean Outfalls* for details (<https://www.sandiego.gov/public-utilities/sustainability/ocean-monitoring/reports>).

### ***Kelp Bed Stations***

- The eight kelp bed water quality stations (A1, A6, A7, C4, C5, C6, C7, C8) were sampled on February 9, 12, 21, and 27.
- During the February report period, one of the eight kelp bed stations was out of compliance with the various 2015 Ocean Plan water contact standards on one or more days as follows:
  - The SSM standard for total coliforms was exceeded at station C8.
- Water column temperatures ranged from 13.06 to 15.72°C. The difference between surface and bottom waters ranged from 0.21 to 2.62°C.
- Chlorophyll *a* concentrations ranged from 0.01 to 4.93µg/L.
  - Chlorophyll *a* data are not available for kelp stations sampled on February 9<sup>th</sup> due to instrument failure.
- Nothing of sewage origin was observed at any of the PLOO kelp stations in February.

### ***Offshore Stations***

- Quarterly offshore water quality sampling was conducted on February 13, 14, and 15.
- During the February report period, three of the 15 offshore stations located within State jurisdictional waters (i.e., F01–F03, F06–F14, F18–F20) were out of compliance with the various 2015 Ocean Plan water contact standards on one or more days as follows.
  - The SSM standard for *Enterococcus* was exceeded at stations F18, F19, and F20.
- Of the remaining 21 offshore stations, elevated densities of *Enterococcus* bacteria (i.e., >104 CFU/100 mL) were detected at stations F30 and F31 at depths ≥ 80 meters.
- Water column temperatures ranged from 10.95 to 15.26°C. The difference between surface and bottom waters ranged from 0.63 to 4.29°C.
- Chlorophyll *a* concentrations ranged from 0.05 to 4.40µg/L at the offshore stations.
- Nothing of sewage origin was observed at any of the PLOO offshore stations in February.
- CDOM data are available upon request.





# TABLES AND FIGURES



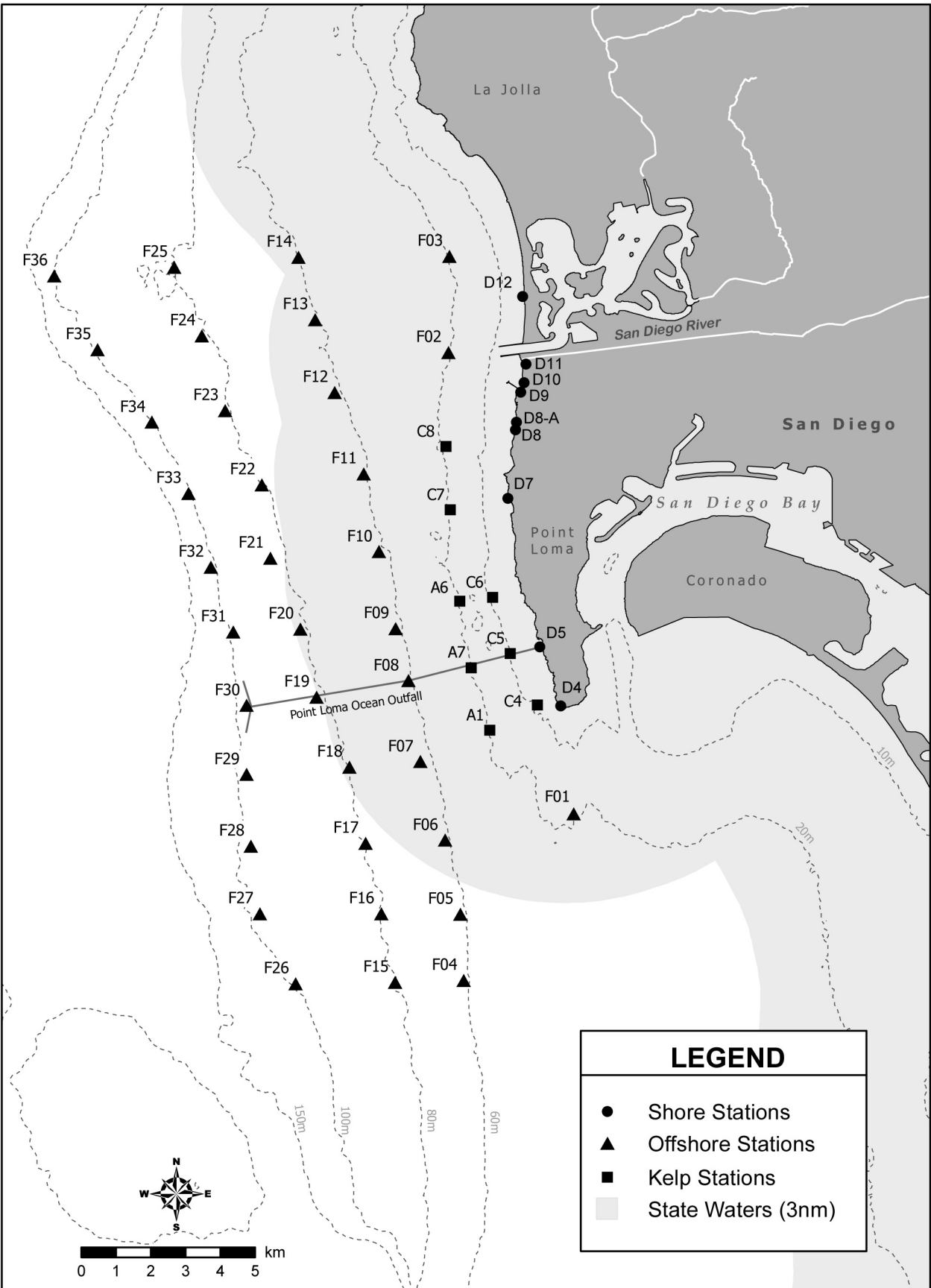


Figure 1.1 Station Map

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# Shore Stations



**Table 2.1**

Summary of compliance with the Ocean Plan's 30-day Geometric Mean standard for 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 2024	5	14	2	7	6	16	30	8
02 Feb 2024	*6	*23	*3	*9	*8	*17	*40	*12
03 Feb 2024	*6	*23	*3	*9	*8	*17	*40	*12
04 Feb 2024	*6	*23	*3	*9	*8	*17	*40	*12
05 Feb 2024	*6	*23	*3	*9	*8	*17	*40	*12
06 Feb 2024	8	24	2	11	10	18	55	10
07 Feb 2024	8	24	2	11	10	18	55	10
08 Feb 2024	8	24	2	11	10	18	55	10
09 Feb 2024	*8	*24	*3	*13	*14	*19	*71	*10
10 Feb 2024	*8	*24	*3	*13	*14	*19	*71	*10
11 Feb 2024	*8	*24	*3	*13	*14	*19	*71	*10
12 Feb 2024	*8	*24	*3	*13	*14	*19	*71	*10
13 Feb 2024	*8	*24	*3	*13	*14	*19	*71	*10
14 Feb 2024	6	23	2	9	10	16	73	7
15 Feb 2024	6	23	2	9	10	16	73	7
16 Feb 2024	*8	*36	*3	*13	*14	*20	*104	*10
17 Feb 2024	*8	*36	*3	*13	*14	*20	*104	*10
18 Feb 2024	*8	*36	*3	*13	*14	*20	*104	*10
19 Feb 2024	*8	*36	*3	*13	*14	*20	*104	*10
20 Feb 2024	*8	*36	*3	*13	*14	*20	*104	*10
21 Feb 2024	6	32	2	13	15	20	75	7
22 Feb 2024	6	32	2	13	15	20	75	7
23 Feb 2024	*4	*27	*2	*7	*7	*9	*37	*4
24 Feb 2024	*4	*27	*2	*7	*7	*9	*37	*4
25 Feb 2024	*4	*27	*2	*7	*7	*9	*37	*4
26 Feb 2024	*4	*27	*2	*7	*7	*9	*37	*4
27 Feb 2024	*4	*27	*2	*7	*7	*9	*37	*4
28 Feb 2024	3	16	2	6	5	7	21	3
29 Feb 2024	3	16	2	6	5	7	21	3

\* Geometric mean calculated using n<5

## Table 2.2

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
06 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC
14 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC
21 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC
28 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data



**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 6 weeks unless otherwise noted (\*). Values >35 CFU/100 mL exceed the standard.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Feb 2024	2	4	4	7	5	24	<b>46</b>	7
02 Feb 2024	*2	*5	*5	*9	*7	*31	<b>*62</b>	*10
03 Feb 2024	*2	*5	*5	*9	*7	*31	<b>*62</b>	*10
04 Feb 2024	*2	*5	*5	*9	*7	*31	<b>*62</b>	*10
05 Feb 2024	*2	*5	*5	*9	*7	*31	<b>*62</b>	*10
06 Feb 2024	3	6	6	14	8	<b>36</b>	<b>84</b>	7
07 Feb 2024	3	6	6	14	8	<b>36</b>	<b>84</b>	7
08 Feb 2024	3	6	6	14	8	<b>36</b>	<b>84</b>	7
09 Feb 2024	*3	*8	*8	*19	*11	*35	<b>*117</b>	*7
10 Feb 2024	*3	*8	*8	*19	*11	*35	<b>*117</b>	*7
11 Feb 2024	*3	*8	*8	*19	*11	*35	<b>*117</b>	*7
12 Feb 2024	*3	*8	*8	*19	*11	*35	<b>*117</b>	*7
13 Feb 2024	*3	*8	*8	*19	*11	*35	<b>*117</b>	*7
14 Feb 2024	3	6	6	12	8	32	<b>105</b>	5
15 Feb 2024	3	6	6	12	8	32	<b>105</b>	5
16 Feb 2024	*3	*8	*6	*19	*11	<b>*54</b>	<b>*174</b>	*7
17 Feb 2024	*3	*8	*6	*19	*11	<b>*54</b>	<b>*174</b>	*7
18 Feb 2024	*3	*8	*6	*19	*11	<b>*54</b>	<b>*174</b>	*7
19 Feb 2024	*3	*8	*6	*19	*11	<b>*54</b>	<b>*174</b>	*7
20 Feb 2024	*3	*8	*6	*19	*11	<b>*54</b>	<b>*174</b>	*7
21 Feb 2024	3	9	8	24	16	<b>52</b>	<b>131</b>	8
22 Feb 2024	3	9	8	24	16	<b>52</b>	<b>131</b>	8
23 Feb 2024	*3	*6	*7	*12	*8	*30	<b>*56</b>	*3
24 Feb 2024	*3	*6	*7	*12	*8	*30	<b>*56</b>	*3
25 Feb 2024	*3	*6	*7	*12	*8	*30	<b>*56</b>	*3
26 Feb 2024	*3	*6	*7	*12	*8	*30	<b>*56</b>	*3
27 Feb 2024	*3	*6	*7	*12	*8	*30	<b>*56</b>	*3
28 Feb 2024	3	5	5	8	6	17	29	3
29 Feb 2024	3	5	5	8	6	17	29	3

\* Geometric mean calculated using n<5

## Table 2.4

Summary of compliance at the PLOO shore stations with the Ocean Plan's Single Sample Maximum standard for *Enterococcus* bacteria, which states that *Enterococcus* density shall not exceed 104 CFU/100 mL in more than 10% of samples per month.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
06 Feb 2024	IC	IC	IC	IC	IC	IC	E	IC
14 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC
21 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC
28 Feb 2024	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 with the Ocean Plan's 30-day Geometric Mean 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 >1000 CFU/100 mL exceed the standard.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Feb 2024	11	29	8	38	26	48	105	17
02 Feb 2024	*10	*32	*6	*44	*28	*60	*134	*16
03 Feb 2024	*10	*32	*6	*44	*28	*60	*134	*16
04 Feb 2024	*10	*32	*6	*44	*28	*60	*134	*16
05 Feb 2024	*10	*32	*6	*44	*28	*60	*134	*16
06 Feb 2024	18	44	8	74	32	75	208	17
07 Feb 2024	18	44	8	74	32	75	208	17
08 Feb 2024	18	44	8	74	32	75	208	17
09 Feb 2024	*22	*38	*11	*86	*35	*104	*374	*19
10 Feb 2024	*22	*38	*11	*86	*35	*104	*374	*19
11 Feb 2024	*22	*38	*11	*86	*35	*104	*374	*19
12 Feb 2024	*22	*38	*11	*86	*35	*104	*374	*19
13 Feb 2024	*22	*38	*11	*86	*35	*104	*374	*19
14 Feb 2024	14	33	8	40	24	113	342	12
15 Feb 2024	14	33	8	40	24	113	342	12
16 Feb 2024	*22	*57	*11	*72	*46	*184	*529	*19
17 Feb 2024	*22	*57	*11	*72	*46	*184	*529	*19
18 Feb 2024	*22	*57	*11	*72	*46	*184	*529	*19
19 Feb 2024	*22	*57	*11	*72	*46	*184	*529	*19
20 Feb 2024	*22	*57	*11	*72	*46	*184	*529	*19
21 Feb 2024	22	84	12	88	76	187	393	24
22 Feb 2024	22	84	12	88	76	187	393	24
23 Feb 2024	*15	*71	*6	*46	*46	*123	*229	*12
24 Feb 2024	*15	*71	*6	*46	*46	*123	*229	*12
25 Feb 2024	*15	*71	*6	*46	*46	*123	*229	*12
26 Feb 2024	*15	*71	*6	*46	*46	*123	*229	*12
27 Feb 2024	*15	*71	*6	*46	*46	*123	*229	*12
28 Feb 2024	16	35	5	25	32	71	135	8
29 Feb 2024	16	35	5	25	32	71	135	8

\* Median calculated using n<5

## Table 2.6

Summary of compliance at the PLOO shore stations with the Ocean Plan's Single Sample Maximum for total coliform bacteria, which states that total coliform density shall not exceed 10000 CFU/100 mL in more than 10% of samples per station, per month.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
06 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC
14 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC
21 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC
28 Feb 2024	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
06 Feb 2024	IC	IC	IC	IC	IC	IC	<b>E</b>	IC
14 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC
21 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC
28 Feb 2024	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 fecal coliform (Fecal) and *Enterococcus* (Entero) are reported as CFU/100 mL. Comments follow the data summary.

Station	Date	Time	Total	Fecal	Entero
D10	06 Feb 2024	755	180e	20e	60
D10	14 Feb 2024	821	160e	10e	24e
D10	21 Feb 2024	827	<200	<20	46
D10	28 Feb 2024	953	8e	<2	<2
D11	06 Feb 2024	748	1200e	<200	280e
D11	14 Feb 2024	810	240e	80e	68
D11	21 Feb 2024	819	120e	<20	42
D11	28 Feb 2024	946	16e	2e	2e
D12	06 Feb 2024	734	<20	4e	2e
D12	14 Feb 2024	750	2e	2e	2e
D12	21 Feb 2024	804	60e	2e	16e
D12	28 Feb 2024	930	<2	<2	<2
D4	06 Feb 2024	900	200e	<20	8e
D4	14 Feb 2024	940	<2	<2	<2
D4	21 Feb 2024	925	20e	<2	4e
D4	28 Feb 2024	1048	22e	<2	<2
D5	06 Feb 2024	843	160e	32e	18e
D5	14 Feb 2024	925	20e	22e	<2
D5	21 Feb 2024	914	400e	<20	12e
D5	28 Feb 2024	1039	2e	<2	<2
D7	06 Feb 2024	819	<20	2e	16e
D7	14 Feb 2024	901	<2	2e	<2
D7	21 Feb 2024	854	<20	<2	36e
D7	28 Feb 2024	1019	<2	<2	<2
D8-B	06 Feb 2024	809	560	24e	76
D8-B	14 Feb 2024	849	<2	2e	<2
D8-B	21 Feb 2024	843	<200	16e	60e
D8-B	28 Feb 2024	1009	<2	<2	<2
D9	06 Feb 2024	802	60e	26e	12
D9	14 Feb 2024	838	6e	2e	<2
D9	21 Feb 2024	835	600e	20e	74
D9	28 Feb 2024	1002	8e	<2	<2

ns = not sampled

ND = no data

## Comments

Station	Date	Depth	Parameter	Comments
D11	07 Feb 2024		ENTERO	Resample
D11	09 Feb 2024		ENTERO	Repeat sampling mistakenly not performed, DEHQ notified. Resample

**Table 2.9**

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

Station	Date	Parameter	Value
D10	06 Feb 2024	Arrive Time	755
D10	06 Feb 2024	Weather	Cloudy
D10	06 Feb 2024	Wind Speed (kts)	4.2
D10	06 Feb 2024	Wind Dir	E
D10	06 Feb 2024	Animal Life	
D10	06 Feb 2024	Floatables	None
D10	06 Feb 2024	Water Color	Green
D10	06 Feb 2024	Current Direction	S
D10	06 Feb 2024	Water Temp (C)	12.7
D10	06 Feb 2024	Wave Height (ft)	7
D10	06 Feb 2024	High Tide (ft)	5.42
D10	06 Feb 2024	High Tide Time	544
D10	06 Feb 2024	Low Tide (ft)	-0.87
D10	06 Feb 2024	Low Tide Time	1326
D10	06 Feb 2024	Comments	Water clear; Trash-2; Kelp;Seagrass;Debris
D10	14 Feb 2024	Arrive Time	821
D10	14 Feb 2024	Weather	Sunny
D10	14 Feb 2024	Wind Speed (kts)	1.6
D10	14 Feb 2024	Wind Dir	W
D10	14 Feb 2024	Animal Life	
D10	14 Feb 2024	Floatables	Foam
D10	14 Feb 2024	Water Color	Green
D10	14 Feb 2024	Current Direction	S
D10	14 Feb 2024	Water Temp (C)	10.1
D10	14 Feb 2024	Wave Height (ft)	3
D10	14 Feb 2024	High Tide (ft)	3.64
D10	14 Feb 2024	High Tide Time	1212
D10	14 Feb 2024	Low Tide (ft)	0.73
D10	14 Feb 2024	Low Tide Time	627
D10	14 Feb 2024	Comments	Water clear; Trash-1; Seagrass;Algae;Kelp
D10	21 Feb 2024	Arrive Time	827
D10	21 Feb 2024	Weather	Partly cloudy
D10	21 Feb 2024	Wind Speed (kts)	1.2
D10	21 Feb 2024	Wind Dir	E
D10	21 Feb 2024	Animal Life	
D10	21 Feb 2024	Floatables	None
D10	21 Feb 2024	Water Color	Green
D10	21 Feb 2024	Current Direction	S
D10	21 Feb 2024	Water Temp (C)	12.8
D10	21 Feb 2024	Wave Height (ft)	7
D10	21 Feb 2024	High Tide (ft)	5.34
D10	21 Feb 2024	High Tide Time	701
D10	21 Feb 2024	Low Tide (ft)	1.94
D10	21 Feb 2024	Low Tide Time	107
D10	21 Feb 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Debris
D10	28 Feb 2024	Arrive Time	953
D10	28 Feb 2024	Weather	Sunny
D10	28 Feb 2024	Wind Speed (kts)	5.4
D10	28 Feb 2024	Wind Dir	W
D10	28 Feb 2024	Animal Life	
D10	28 Feb 2024	Floatables	None
D10	28 Feb 2024	Water Color	Green
D10	28 Feb 2024	Current Direction	S



Station	Date	Parameter	Value
D10	28 Feb 2024	Water Temp (C)	11.5
D10	28 Feb 2024	Wave Height (ft)	5
D10	28 Feb 2024	High Tide (ft)	3.74
D10	28 Feb 2024	High Tide Time	1039
D10	28 Feb 2024	Low Tide (ft)	0.94
D10	28 Feb 2024	Low Tide Time	457
D10	28 Feb 2024	Comments	Water clear; Surfer/Paddle boarder-4; Trash-2; Kelp;Seagrass;Debris; Person/Walker/Jogger-2
D11	06 Feb 2024	Arrive Time	748
D11	06 Feb 2024	Weather	Cloudy
D11	06 Feb 2024	Wind Speed (kts)	2.8
D11	06 Feb 2024	Wind Dir	E
D11	06 Feb 2024	Animal Life	Dog-1;
D11	06 Feb 2024	Floatables	None
D11	06 Feb 2024	Water Color	Green
D11	06 Feb 2024	Current Direction	S
D11	06 Feb 2024	Water Temp (C)	12.9
D11	06 Feb 2024	Wave Height (ft)	6
D11	06 Feb 2024	High Tide (ft)	5.42
D11	06 Feb 2024	High Tide Time	544
D11	06 Feb 2024	Low Tide (ft)	-0.87
D11	06 Feb 2024	Low Tide Time	1326
D11	06 Feb 2024	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-3
D11	07 Feb 2024	Arrive Time	900
D11	07 Feb 2024	Weather	Cloudy
D11	07 Feb 2024	Wind Speed (kts)	4.8
D11	07 Feb 2024	Wind Dir	SE
D11	07 Feb 2024	Animal Life	Bird-20;
D11	07 Feb 2024	Floatables	Foam
D11	07 Feb 2024	Water Color	Green
D11	07 Feb 2024	Current Direction	S
D11	07 Feb 2024	Water Temp (C)	15.4
D11	07 Feb 2024	Wave Height (ft)	5
D11	07 Feb 2024	High Tide (ft)	5.93
D11	07 Feb 2024	High Tide Time	634
D11	07 Feb 2024	Low Tide (ft)	2.17
D11	07 Feb 2024	Low Tide Time	22
D11	07 Feb 2024	Comments	Water turbid; Trash-3; Kelp;Algae;Debris
D11	09 Feb 2024	Arrive Time	730
D11	09 Feb 2024	Weather	Cloudy
D11	09 Feb 2024	Wind Speed (kts)	0.5
D11	09 Feb 2024	Wind Dir	S
D11	09 Feb 2024	Animal Life	Dog-1;
D11	09 Feb 2024	Floatables	None
D11	09 Feb 2024	Water Color	Green
D11	09 Feb 2024	Current Direction	S
D11	09 Feb 2024	Water Temp (C)	11
D11	09 Feb 2024	Wave Height (ft)	6
D11	09 Feb 2024	High Tide (ft)	6.55
D11	09 Feb 2024	High Tide Time	805
D11	09 Feb 2024	Low Tide (ft)	1.36
D11	09 Feb 2024	Low Tide Time	200
D11	09 Feb 2024	Comments	Water clear; Trash-2; Debris;Algae;Kelp;Seagrass; Person/Walker/Jogger-2
D11	14 Feb 2024	Arrive Time	810
D11	14 Feb 2024	Weather	Sunny

Station	Date	Parameter	Value
D11	14 Feb 2024	Wind Speed (kts)	0.7
D11	14 Feb 2024	Wind Dir	W
D11	14 Feb 2024	Animal Life	
D11	14 Feb 2024	Floatables	None
D11	14 Feb 2024	Water Color	Green
D11	14 Feb 2024	Current Direction	S
D11	14 Feb 2024	Water Temp (C)	13.3
D11	14 Feb 2024	Wave Height (ft)	2
D11	14 Feb 2024	High Tide (ft)	3.64
D11	14 Feb 2024	High Tide Time	1212
D11	14 Feb 2024	Low Tide (ft)	0.73
D11	14 Feb 2024	Low Tide Time	627
D11	14 Feb 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D11	21 Feb 2024	Arrive Time	819
D11	21 Feb 2024	Weather	Partly cloudy
D11	21 Feb 2024	Wind Speed (kts)	1.7
D11	21 Feb 2024	Wind Dir	SE
D11	21 Feb 2024	Animal Life	
D11	21 Feb 2024	Floatables	Foam
D11	21 Feb 2024	Water Color	Green
D11	21 Feb 2024	Current Direction	S
D11	21 Feb 2024	Water Temp (C)	11.6
D11	21 Feb 2024	Wave Height (ft)	7
D11	21 Feb 2024	High Tide (ft)	5.34
D11	21 Feb 2024	High Tide Time	701
D11	21 Feb 2024	Low Tide (ft)	1.94
D11	21 Feb 2024	Low Tide Time	107
D11	21 Feb 2024	Comments	Water clear; Trash-2; Kelp;Algae;Seagrass;Debris
D11	28 Feb 2024	Arrive Time	946
D11	28 Feb 2024	Weather	Sunny
D11	28 Feb 2024	Wind Speed (kts)	3.1
D11	28 Feb 2024	Wind Dir	W
D11	28 Feb 2024	Animal Life	
D11	28 Feb 2024	Floatables	None
D11	28 Feb 2024	Water Color	Green
D11	28 Feb 2024	Current Direction	S
D11	28 Feb 2024	Water Temp (C)	12.5
D11	28 Feb 2024	Wave Height (ft)	5
D11	28 Feb 2024	High Tide (ft)	3.74
D11	28 Feb 2024	High Tide Time	1039
D11	28 Feb 2024	Low Tide (ft)	0.94
D11	28 Feb 2024	Low Tide Time	457
D11	28 Feb 2024	Comments	Water clear; Surfer/Paddle boarder-15; Trash-1; Sea-grass;Kelp;Debris;Algae; Person/Walker/Jogger-2
D12	06 Feb 2024	Arrive Time	734
D12	06 Feb 2024	Weather	Cloudy
D12	06 Feb 2024	Wind Speed (kts)	1.7
D12	06 Feb 2024	Wind Dir	SW
D12	06 Feb 2024	Animal Life	
D12	06 Feb 2024	Floatables	None
D12	06 Feb 2024	Water Color	Green
D12	06 Feb 2024	Current Direction	S
D12	06 Feb 2024	Water Temp (C)	14.4
D12	06 Feb 2024	Wave Height (ft)	5
D12	06 Feb 2024	High Tide (ft)	5.42
D12	06 Feb 2024	High Tide Time	544
D12	06 Feb 2024	Low Tide (ft)	-0.87
D12	06 Feb 2024	Low Tide Time	1326

Station	Date	Parameter	Value
D12	06 Feb 2024	Comments	Water clear; Trash-2; Kelp;Seagrass;Debris
D12	14 Feb 2024	Arrive Time	750
D12	14 Feb 2024	Weather	Sunny
D12	14 Feb 2024	Wind Speed (kts)	3
D12	14 Feb 2024	Wind Dir	W
D12	14 Feb 2024	Animal Life	
D12	14 Feb 2024	Floatables	None
D12	14 Feb 2024	Water Color	Green
D12	14 Feb 2024	Current Direction	S
D12	14 Feb 2024	Water Temp (C)	4.8
D12	14 Feb 2024	Wave Height (ft)	2
D12	14 Feb 2024	High Tide (ft)	3.64
D12	14 Feb 2024	High Tide Time	1212
D12	14 Feb 2024	Low Tide (ft)	0.73
D12	14 Feb 2024	Low Tide Time	627
D12	14 Feb 2024	Comments	Water clear; Trash-1; Kelp;Seagrass
D12	21 Feb 2024	Arrive Time	804
D12	21 Feb 2024	Weather	Partly cloudy
D12	21 Feb 2024	Wind Speed (kts)	0
D12	21 Feb 2024	Wind Dir	XX
D12	21 Feb 2024	Animal Life	
D12	21 Feb 2024	Floatables	None
D12	21 Feb 2024	Water Color	Green
D12	21 Feb 2024	Current Direction	S
D12	21 Feb 2024	Water Temp (C)	13.2
D12	21 Feb 2024	Wave Height (ft)	7
D12	21 Feb 2024	High Tide (ft)	5.34
D12	21 Feb 2024	High Tide Time	701
D12	21 Feb 2024	Low Tide (ft)	1.94
D12	21 Feb 2024	Low Tide Time	107
D12	21 Feb 2024	Comments	Water clear; Trash-3; Kelp;Seagrass;Debris; Person/Walker/Jogger-3
D12	28 Feb 2024	Arrive Time	930
D12	28 Feb 2024	Weather	Sunny
D12	28 Feb 2024	Wind Speed (kts)	7.3
D12	28 Feb 2024	Wind Dir	W
D12	28 Feb 2024	Animal Life	
D12	28 Feb 2024	Floatables	None
D12	28 Feb 2024	Water Color	Green
D12	28 Feb 2024	Current Direction	S
D12	28 Feb 2024	Water Temp (C)	13
D12	28 Feb 2024	Wave Height (ft)	4
D12	28 Feb 2024	High Tide (ft)	3.74
D12	28 Feb 2024	High Tide Time	1039
D12	28 Feb 2024	Low Tide (ft)	0.94
D12	28 Feb 2024	Low Tide Time	457
D12	28 Feb 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Debris
D4	06 Feb 2024	Arrive Time	900
D4	06 Feb 2024	Weather	Moderate rain
D4	06 Feb 2024	Wind Speed (kts)	5.1
D4	06 Feb 2024	Wind Dir	SW
D4	06 Feb 2024	Animal Life	
D4	06 Feb 2024	Floatables	None
D4	06 Feb 2024	Water Color	Green
D4	06 Feb 2024	Current Direction	S
D4	06 Feb 2024	Water Temp (C)	15.1
D4	06 Feb 2024	Wave Height (ft)	4

Station	Date	Parameter	Value
D4	06 Feb 2024	High Tide (ft)	5.42
D4	06 Feb 2024	High Tide Time	544
D4	06 Feb 2024	Low Tide (ft)	-0.87
D4	06 Feb 2024	Low Tide Time	1326
D4	06 Feb 2024	Comments	Water clear; Trash-1; Kelp;Algae
D4	14 Feb 2024	Arrive Time	940
D4	14 Feb 2024	Weather	Sunny
D4	14 Feb 2024	Wind Speed (kts)	1
D4	14 Feb 2024	Wind Dir	W
D4	14 Feb 2024	Animal Life	
D4	14 Feb 2024	Floatables	None
D4	14 Feb 2024	Water Color	Green
D4	14 Feb 2024	Current Direction	S
D4	14 Feb 2024	Water Temp (C)	14.6
D4	14 Feb 2024	Wave Height (ft)	4
D4	14 Feb 2024	High Tide (ft)	3.64
D4	14 Feb 2024	High Tide Time	1212
D4	14 Feb 2024	Low Tide (ft)	0.73
D4	14 Feb 2024	Low Tide Time	627
D4	14 Feb 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D4	21 Feb 2024	Arrive Time	925
D4	21 Feb 2024	Weather	Partly cloudy
D4	21 Feb 2024	Wind Speed (kts)	3
D4	21 Feb 2024	Wind Dir	W
D4	21 Feb 2024	Animal Life	
D4	21 Feb 2024	Floatables	None
D4	21 Feb 2024	Water Color	Green
D4	21 Feb 2024	Current Direction	S
D4	21 Feb 2024	Water Temp (C)	14.1
D4	21 Feb 2024	Wave Height (ft)	4
D4	21 Feb 2024	High Tide (ft)	5.34
D4	21 Feb 2024	High Tide Time	701
D4	21 Feb 2024	Low Tide (ft)	1.94
D4	21 Feb 2024	Low Tide Time	107
D4	21 Feb 2024	Comments	Water clear; Trash-2; Algae;Debris
D4	28 Feb 2024	Arrive Time	1048
D4	28 Feb 2024	Weather	Sunny
D4	28 Feb 2024	Wind Speed (kts)	1.9
D4	28 Feb 2024	Wind Dir	W
D4	28 Feb 2024	Animal Life	
D4	28 Feb 2024	Floatables	None
D4	28 Feb 2024	Water Color	Green
D4	28 Feb 2024	Current Direction	S
D4	28 Feb 2024	Water Temp (C)	13
D4	28 Feb 2024	Wave Height (ft)	2.5
D4	28 Feb 2024	High Tide (ft)	3.74
D4	28 Feb 2024	High Tide Time	1039
D4	28 Feb 2024	Low Tide (ft)	0.94
D4	28 Feb 2024	Low Tide Time	457
D4	28 Feb 2024	Comments	Water clear; Trash-1; Algae;Kelp;Seagrass
D5	06 Feb 2024	Arrive Time	843
D5	06 Feb 2024	Weather	Drizzle
D5	06 Feb 2024	Wind Speed (kts)	5
D5	06 Feb 2024	Wind Dir	S
D5	06 Feb 2024	Animal Life	Bird-1;
D5	06 Feb 2024	Floatables	None
D5	06 Feb 2024	Water Color	Green

Station	Date	Parameter	Value
D5	06 Feb 2024	Current Direction	S
D5	06 Feb 2024	Water Temp (C)	12.4
D5	06 Feb 2024	Wave Height (ft)	3
D5	06 Feb 2024	High Tide (ft)	5.42
D5	06 Feb 2024	High Tide Time	544
D5	06 Feb 2024	Low Tide (ft)	-0.87
D5	06 Feb 2024	Low Tide Time	1326
D5	06 Feb 2024	Comments	Water clear; Trash-1; Kelp;Algae
D5	14 Feb 2024	Arrive Time	925
D5	14 Feb 2024	Weather	Sunny
D5	14 Feb 2024	Wind Speed (kts)	1.8
D5	14 Feb 2024	Wind Dir	NW
D5	14 Feb 2024	Animal Life	
D5	14 Feb 2024	Floatables	None
D5	14 Feb 2024	Water Color	Green
D5	14 Feb 2024	Current Direction	S
D5	14 Feb 2024	Water Temp (C)	12.6
D5	14 Feb 2024	Wave Height (ft)	2
D5	14 Feb 2024	High Tide (ft)	3.64
D5	14 Feb 2024	High Tide Time	1212
D5	14 Feb 2024	Low Tide (ft)	0.73
D5	14 Feb 2024	Low Tide Time	627
D5	14 Feb 2024	Comments	Water clear; Trash-2; Kelp;Seagrass;Algae;Debris; Sewage-like odor
D5	21 Feb 2024	Arrive Time	914
D5	21 Feb 2024	Weather	Partly cloudy
D5	21 Feb 2024	Wind Speed (kts)	2.2
D5	21 Feb 2024	Wind Dir	S
D5	21 Feb 2024	Animal Life	
D5	21 Feb 2024	Floatables	None
D5	21 Feb 2024	Water Color	Green
D5	21 Feb 2024	Current Direction	S
D5	21 Feb 2024	Water Temp (C)	13.2
D5	21 Feb 2024	Wave Height (ft)	5
D5	21 Feb 2024	High Tide (ft)	5.34
D5	21 Feb 2024	High Tide Time	701
D5	21 Feb 2024	Low Tide (ft)	1.94
D5	21 Feb 2024	Low Tide Time	107
D5	21 Feb 2024	Comments	Water clear; Trash-1; Algae; Sewage-like odor
D5	28 Feb 2024	Arrive Time	1039
D5	28 Feb 2024	Weather	Sunny
D5	28 Feb 2024	Wind Speed (kts)	3.5
D5	28 Feb 2024	Wind Dir	NW
D5	28 Feb 2024	Animal Life	Bird-2;
D5	28 Feb 2024	Floatables	None
D5	28 Feb 2024	Water Color	Green
D5	28 Feb 2024	Current Direction	S
D5	28 Feb 2024	Water Temp (C)	12.9
D5	28 Feb 2024	Wave Height (ft)	3
D5	28 Feb 2024	High Tide (ft)	3.74
D5	28 Feb 2024	High Tide Time	1039
D5	28 Feb 2024	Low Tide (ft)	0.94
D5	28 Feb 2024	Low Tide Time	457
D5	28 Feb 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D7	06 Feb 2024	Arrive Time	819
D7	06 Feb 2024	Weather	Cloudy
D7	06 Feb 2024	Wind Speed (kts)	8

Station	Date	Parameter	Value
D7	06 Feb 2024	Wind Dir	SE
D7	06 Feb 2024	Animal Life	
D7	06 Feb 2024	Floatables	None
D7	06 Feb 2024	Water Color	Green
D7	06 Feb 2024	Current Direction	S
D7	06 Feb 2024	Water Temp (C)	13.7
D7	06 Feb 2024	Wave Height (ft)	3
D7	06 Feb 2024	High Tide (ft)	5.42
D7	06 Feb 2024	High Tide Time	544
D7	06 Feb 2024	Low Tide (ft)	-0.87
D7	06 Feb 2024	Low Tide Time	1326
D7	06 Feb 2024	Comments	Water clear; Trash-1; Kelp;Algae;Seagrass
D7	14 Feb 2024	Arrive Time	901
D7	14 Feb 2024	Weather	Sunny
D7	14 Feb 2024	Wind Speed (kts)	0
D7	14 Feb 2024	Wind Dir	XX
D7	14 Feb 2024	Animal Life	
D7	14 Feb 2024	Floatables	None
D7	14 Feb 2024	Water Color	Green
D7	14 Feb 2024	Current Direction	S
D7	14 Feb 2024	Water Temp (C)	13.8
D7	14 Feb 2024	Wave Height (ft)	5
D7	14 Feb 2024	High Tide (ft)	3.64
D7	14 Feb 2024	High Tide Time	1212
D7	14 Feb 2024	Low Tide (ft)	0.73
D7	14 Feb 2024	Low Tide Time	627
D7	14 Feb 2024	Comments	Water clear; Surfer/Paddle boarder-6; Trash-2; Kelp;Sea-grass;Algae; Person/Walker/Jogger-1
D7	21 Feb 2024	Arrive Time	854
D7	21 Feb 2024	Weather	Partly cloudy
D7	21 Feb 2024	Wind Speed (kts)	1.1
D7	21 Feb 2024	Wind Dir	SE
D7	21 Feb 2024	Animal Life	
D7	21 Feb 2024	Floatables	None
D7	21 Feb 2024	Water Color	Green
D7	21 Feb 2024	Current Direction	S
D7	21 Feb 2024	Water Temp (C)	12.5
D7	21 Feb 2024	Wave Height (ft)	6
D7	21 Feb 2024	High Tide (ft)	5.34
D7	21 Feb 2024	High Tide Time	701
D7	21 Feb 2024	Low Tide (ft)	1.94
D7	21 Feb 2024	Low Tide Time	107
D7	21 Feb 2024	Comments	Water clear; Boogie boarder/Swimmer-1; Trash-1; Algae
D7	28 Feb 2024	Arrive Time	1019
D7	28 Feb 2024	Weather	Sunny
D7	28 Feb 2024	Wind Speed (kts)	2.7
D7	28 Feb 2024	Wind Dir	W
D7	28 Feb 2024	Animal Life	Dog-1;
D7	28 Feb 2024	Floatables	None
D7	28 Feb 2024	Water Color	Green
D7	28 Feb 2024	Current Direction	S
D7	28 Feb 2024	Water Temp (C)	16.2
D7	28 Feb 2024	Wave Height (ft)	3
D7	28 Feb 2024	High Tide (ft)	3.74
D7	28 Feb 2024	High Tide Time	1039
D7	28 Feb 2024	Low Tide (ft)	0.94
D7	28 Feb 2024	Low Tide Time	457

Station	Date	Parameter	Value
D7	28 Feb 2024	Comments	Water clear; Trash-1; Algae;Seagrass; Person/Walker/Jogger-3
D8-B	06 Feb 2024	Arrive Time	809
D8-B	06 Feb 2024	Weather	Cloudy
D8-B	06 Feb 2024	Wind Speed (kts)	3
D8-B	06 Feb 2024	Wind Dir	E
D8-B	06 Feb 2024	Animal Life	
D8-B	06 Feb 2024	Floatables	None
D8-B	06 Feb 2024	Water Color	Brown
D8-B	06 Feb 2024	Current Direction	S
D8-B	06 Feb 2024	Water Temp (C)	12.9
D8-B	06 Feb 2024	Wave Height (ft)	4
D8-B	06 Feb 2024	High Tide (ft)	5.42
D8-B	06 Feb 2024	High Tide Time	544
D8-B	06 Feb 2024	Low Tide (ft)	-0.87
D8-B	06 Feb 2024	Low Tide Time	1326
D8-B	06 Feb 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris
D8-B	14 Feb 2024	Arrive Time	849
D8-B	14 Feb 2024	Weather	Partly cloudy
D8-B	14 Feb 2024	Wind Speed (kts)	1.94
D8-B	14 Feb 2024	Wind Dir	W
D8-B	14 Feb 2024	Animal Life	
D8-B	14 Feb 2024	Floatables	None
D8-B	14 Feb 2024	Water Color	Green
D8-B	14 Feb 2024	Current Direction	S
D8-B	14 Feb 2024	Water Temp (C)	9.5
D8-B	14 Feb 2024	Wave Height (ft)	4
D8-B	14 Feb 2024	High Tide (ft)	3.64
D8-B	14 Feb 2024	High Tide Time	1212
D8-B	14 Feb 2024	Low Tide (ft)	0.73
D8-B	14 Feb 2024	Low Tide Time	627
D8-B	14 Feb 2024	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae;Debris
D8-B	21 Feb 2024	Arrive Time	843
D8-B	21 Feb 2024	Weather	Partly cloudy
D8-B	21 Feb 2024	Wind Speed (kts)	1.5
D8-B	21 Feb 2024	Wind Dir	W
D8-B	21 Feb 2024	Animal Life	
D8-B	21 Feb 2024	Floatables	None
D8-B	21 Feb 2024	Water Color	Green
D8-B	21 Feb 2024	Current Direction	S
D8-B	21 Feb 2024	Water Temp (C)	10.2
D8-B	21 Feb 2024	Wave Height (ft)	7
D8-B	21 Feb 2024	High Tide (ft)	5.34
D8-B	21 Feb 2024	High Tide Time	701
D8-B	21 Feb 2024	Low Tide (ft)	1.94
D8-B	21 Feb 2024	Low Tide Time	107
D8-B	21 Feb 2024	Comments	Water clear; Trash-1; Seagrass;Kelp;Algae
D8-B	28 Feb 2024	Arrive Time	1009
D8-B	28 Feb 2024	Weather	Sunny
D8-B	28 Feb 2024	Wind Speed (kts)	3.1
D8-B	28 Feb 2024	Wind Dir	W
D8-B	28 Feb 2024	Animal Life	
D8-B	28 Feb 2024	Floatables	None
D8-B	28 Feb 2024	Water Color	Green
D8-B	28 Feb 2024	Current Direction	S
D8-B	28 Feb 2024	Water Temp (C)	11.7
D8-B	28 Feb 2024	Wave Height (ft)	4

Station	Date	Parameter	Value
D8-B	28 Feb 2024	High Tide (ft)	3.74
D8-B	28 Feb 2024	High Tide Time	1039
D8-B	28 Feb 2024	Low Tide (ft)	0.94
D8-B	28 Feb 2024	Low Tide Time	457
D8-B	28 Feb 2024	Comments	Water clear; Trash-2; Algae; Person/Walker/Jogger-1
D9	06 Feb 2024	Arrive Time	802
D9	06 Feb 2024	Weather	Cloudy
D9	06 Feb 2024	Wind Speed (kts)	0
D9	06 Feb 2024	Wind Dir	XX
D9	06 Feb 2024	Animal Life	
D9	06 Feb 2024	Floatables	None
D9	06 Feb 2024	Water Color	Green
D9	06 Feb 2024	Current Direction	S
D9	06 Feb 2024	Water Temp (C)	13.2
D9	06 Feb 2024	Wave Height (ft)	4
D9	06 Feb 2024	High Tide (ft)	5.42
D9	06 Feb 2024	High Tide Time	544
D9	06 Feb 2024	Low Tide (ft)	-0.87
D9	06 Feb 2024	Low Tide Time	1326
D9	06 Feb 2024	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae
D9	14 Feb 2024	Arrive Time	838
D9	14 Feb 2024	Weather	Partly cloudy
D9	14 Feb 2024	Wind Speed (kts)	0
D9	14 Feb 2024	Wind Dir	XX
D9	14 Feb 2024	Animal Life	
D9	14 Feb 2024	Floatables	Foam
D9	14 Feb 2024	Water Color	Green
D9	14 Feb 2024	Current Direction	S
D9	14 Feb 2024	Water Temp (C)	12.9
D9	14 Feb 2024	Wave Height (ft)	3
D9	14 Feb 2024	High Tide (ft)	3.64
D9	14 Feb 2024	High Tide Time	1212
D9	14 Feb 2024	Low Tide (ft)	0.73
D9	14 Feb 2024	Low Tide Time	627
D9	14 Feb 2024	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae;Debris
D9	21 Feb 2024	Arrive Time	835
D9	21 Feb 2024	Weather	Partly cloudy
D9	21 Feb 2024	Wind Speed (kts)	0
D9	21 Feb 2024	Wind Dir	XX
D9	21 Feb 2024	Animal Life	
D9	21 Feb 2024	Floatables	None
D9	21 Feb 2024	Water Color	Green
D9	21 Feb 2024	Current Direction	S
D9	21 Feb 2024	Water Temp (C)	13.2
D9	21 Feb 2024	Wave Height (ft)	8
D9	21 Feb 2024	High Tide (ft)	5.34
D9	21 Feb 2024	High Tide Time	701
D9	21 Feb 2024	Low Tide (ft)	1.94
D9	21 Feb 2024	Low Tide Time	107
D9	21 Feb 2024	Comments	Water clear; Trash-2; Debris
D9	28 Feb 2024	Arrive Time	1002
D9	28 Feb 2024	Weather	Sunny
D9	28 Feb 2024	Wind Speed (kts)	2.1
D9	28 Feb 2024	Wind Dir	W
D9	28 Feb 2024	Animal Life	
D9	28 Feb 2024	Floatables	None
D9	28 Feb 2024	Water Color	Green



Station	Date	Parameter	Value
D9	28 Feb 2024	Current Direction	S
D9	28 Feb 2024	Water Temp (C)	11.5
D9	28 Feb 2024	Wave Height (ft)	3
D9	28 Feb 2024	High Tide (ft)	3.74
D9	28 Feb 2024	High Tide Time	1039
D9	28 Feb 2024	Low Tide (ft)	0.94
D9	28 Feb 2024	Low Tide Time	457
D9	28 Feb 2024	Comments	Water clear; Trash-2; Algae

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# Kelp Stations



**Table 3.1**

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 2024	*7	*5	*7	*4	*5	*6	*4	*5
02 Feb 2024	*7	*5	*7	*4	*5	*6	*4	*5
03 Feb 2024	*7	*5	*7	*4	*5	*6	*4	*5
04 Feb 2024	*7	*5	*7	*4	*5	*6	*4	*5
05 Feb 2024	*7	*5	*7	*4	*5	*6	*4	*5
06 Feb 2024	*7	*5	*7	*4	*5	*6	*4	*5
07 Feb 2024	*7	*5	*7	*4	*5	*6	*4	*5
08 Feb 2024	*5	*3	*4	*5	*4	*3	*3	*3
09 Feb 2024	*6	*3	*3	*4	*4	*4	*3	*5
10 Feb 2024	*6	*3	*3	*4	*4	*4	*3	*5
11 Feb 2024	*6	*3	*3	*4	*4	*4	*3	*5
12 Feb 2024	5	5	4	4	4	4	4	5
13 Feb 2024	5	5	4	4	4	4	4	5
14 Feb 2024	5	5	4	4	4	4	4	5
15 Feb 2024	5	5	4	4	4	4	4	5
16 Feb 2024	*6	*6	*5	*4	*4	*4	*4	*6
17 Feb 2024	*6	*6	*5	*4	*4	*4	*4	*6
18 Feb 2024	*6	*6	*5	*4	*4	*4	*4	*6
19 Feb 2024	*6	*6	*5	*4	*4	*4	*4	*6
20 Feb 2024	*6	*6	*5	*4	*4	*4	*4	*6
21 Feb 2024	5	5	4	4	4	4	4	5
22 Feb 2024	5	5	4	4	4	4	4	5
23 Feb 2024	*3	*4	*3	*2	*3	*3	*4	*4
24 Feb 2024	*3	*4	*3	*2	*3	*3	*4	*4
25 Feb 2024	*3	*4	*3	*2	*3	*3	*4	*4
26 Feb 2024	*3	*4	*3	*2	*3	*3	*4	*4
27 Feb 2024	3	4	3	2	3	3	3	3
28 Feb 2024	3	4	3	2	3	3	3	3
29 Feb 2024	*4	*4	*3	*2	*3	*3	*4	*4

\* Geometric mean calculated using n<5

### Table 3.2

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
09 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC
12 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC
21 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC
27 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

**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 6 weeks unless otherwise noted (\*). Values >35 CFU/100 mL exceed the standard.

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Feb 2024	*4	*5	*4	*3	*3	*3	*4	*6
02 Feb 2024	*4	*5	*4	*3	*3	*3	*4	*6
03 Feb 2024	*4	*5	*4	*3	*3	*3	*4	*6
04 Feb 2024	*4	*5	*4	*3	*3	*3	*4	*6
05 Feb 2024	*4	*5	*4	*3	*3	*3	*4	*6
06 Feb 2024	*4	*5	*4	*3	*3	*3	*4	*6
07 Feb 2024	*4	*5	*4	*3	*3	*3	*4	*6
08 Feb 2024	*4	*4	*3	*3	*3	*2	*2	*4
09 Feb 2024	*6	*5	*3	*3	*4	*3	*3	*6
10 Feb 2024	*6	*5	*3	*3	*4	*3	*3	*6
11 Feb 2024	*6	*5	*3	*3	*4	*3	*3	*6
12 Feb 2024	5	6	3	3	3	3	3	5
13 Feb 2024	5	6	3	3	3	3	3	5
14 Feb 2024	5	6	3	3	3	3	3	5
15 Feb 2024	5	6	3	3	3	3	3	5
16 Feb 2024	*6	*7	*4	*3	*3	*3	*3	*6
17 Feb 2024	*6	*7	*4	*3	*3	*3	*3	*6
18 Feb 2024	*6	*7	*4	*3	*3	*3	*3	*6
19 Feb 2024	*6	*7	*4	*3	*3	*3	*3	*6
20 Feb 2024	*6	*7	*4	*3	*3	*3	*3	*6
21 Feb 2024	5	6	3	3	3	3	3	6
22 Feb 2024	5	6	3	3	3	3	3	6
23 Feb 2024	*3	*4	*3	*2	*3	*3	*3	*6
24 Feb 2024	*3	*4	*3	*2	*3	*3	*3	*6
25 Feb 2024	*3	*4	*3	*2	*3	*3	*3	*6
26 Feb 2024	*3	*4	*3	*2	*3	*3	*3	*6
27 Feb 2024	3	3	3	2	3	3	3	5
28 Feb 2024	3	3	3	2	3	3	3	5
29 Feb 2024	*4	*4	*4	*2	*3	*3	*3	*6

\* 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 *Enterococcus* bacteria, which states that *Enterococcus* density shall not exceed 104 CFU/100 mL in more than 10% of samples per month.

Date	A1	A6	A7	C4	C5	C6	C7	C8
09 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC
12 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC
21 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC
27 Feb 2024	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 with the Ocean Plan’s 30-day Geometric Mean 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 over the previous 30 days unless otherwise noted (\*). Values >1000 CFU/100 mL exceed the standard.

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Feb 2024	*20	*10	*21	*6	*16	*19	*10	*12
02 Feb 2024	*20	*10	*21	*6	*16	*19	*10	*12
03 Feb 2024	*20	*10	*21	*6	*16	*19	*10	*12
04 Feb 2024	*20	*10	*21	*6	*16	*19	*10	*12
05 Feb 2024	*20	*10	*21	*6	*16	*19	*10	*12
06 Feb 2024	*20	*10	*21	*6	*16	*19	*10	*12
07 Feb 2024	*20	*10	*21	*6	*16	*19	*10	*12
08 Feb 2024	*14	*6	*13	*9	*12	*10	*6	*8
09 Feb 2024	*23	*12	*19	*10	*19	*16	*11	*18
10 Feb 2024	*23	*12	*19	*10	*19	*16	*11	*18
11 Feb 2024	*23	*12	*19	*10	*19	*16	*11	*18
12 Feb 2024	18	18	21	7	12	11	15	15
13 Feb 2024	18	18	21	7	12	11	15	15
14 Feb 2024	18	18	21	7	12	11	15	15
15 Feb 2024	18	18	21	7	12	11	15	15
16 Feb 2024	*22	*32	*39	*10	*17	*16	*24	*25
17 Feb 2024	*22	*32	*39	*10	*17	*16	*24	*25
18 Feb 2024	*22	*32	*39	*10	*17	*16	*24	*25
19 Feb 2024	*22	*32	*39	*10	*17	*16	*24	*25
20 Feb 2024	*22	*32	*39	*10	*17	*16	*24	*25
21 Feb 2024	14	24	21	9	15	14	15	19
22 Feb 2024	14	24	21	9	15	14	15	19
23 Feb 2024	*7	*20	*14	*4	*11	*10	*13	*14
24 Feb 2024	*7	*20	*14	*4	*11	*10	*13	*14
25 Feb 2024	*7	*20	*14	*4	*11	*10	*13	*14
26 Feb 2024	*7	*20	*14	*4	*11	*10	*13	*14
27 Feb 2024	8	13	14	4	8	7	10	9
28 Feb 2024	8	13	14	4	8	7	10	9
29 Feb 2024	*12	*19	*15	*4	*8	*7	*14	*12

- Median calculated using n<5

### Table 3.6

Summary of compliance at the PLOO kelp stations with the Ocean Plan's Single Sample Maximum for total coliform bacteria, which states that total coliform density shall not exceed 400 CFU/100 mL in more than 10% of samples per station, per month.

Date	A1	A6	A7	C4	C5	C6	C7	C8
09 Feb 2024	IC	IC	IC	IC	IC	IC	IC	E
12 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC
21 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC
27 Feb 2024	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
09 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC
12 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC
21 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC
27 Feb 2024	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; 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
A1	09 Feb 2024	802	1	160e	16e	20e
A1	09 Feb 2024	802	12	100e	18e	22e
A1	09 Feb 2024	802	18	18e	2e	4e
A1	12 Feb 2024	805	1	4e	<2	<2
A1	12 Feb 2024	805	12	<2	<2	<2
A1	12 Feb 2024	805	18	16e	<2	<2
A1	21 Feb 2024	743	1	<2	<2	<2
A1	21 Feb 2024	743	12	<2	<2	<2
A1	21 Feb 2024	743	18	2e	<2	<2
A1	27 Feb 2024	803	1	<2	<2	<2
A1	27 Feb 2024	803	12	<2	<2	<2
A1	27 Feb 2024	803	18	44	6e	4e
A6	09 Feb 2024	829	1	200e	6e	18e
A6	09 Feb 2024	829	12	24e	4e	4e
A6	09 Feb 2024	829	18	40e	2e	8e
A6	12 Feb 2024	833	1	2e	<2	<2
A6	12 Feb 2024	833	12	120e	26e	6e
A6	12 Feb 2024	833	18	160	38e	10e
A6	21 Feb 2024	805	1	<2	<2	<2
A6	21 Feb 2024	805	12	10e	<2	<2
A6	21 Feb 2024	805	18	10e	<2	<2
A6	27 Feb 2024	828	1	<2	<2	<2
A6	27 Feb 2024	828	12	<2	<2	<2
A6	27 Feb 2024	828	18	2e	<2	<2
A7	09 Feb 2024	816	1	140e	<2	24e
A7	09 Feb 2024	816	12	40e	2e	<2
A7	09 Feb 2024	816	18	22e	2e	2e
A7	12 Feb 2024	819	1	<2	<2	<2
A7	12 Feb 2024	819	12	24e	2e	<2
A7	12 Feb 2024	819	18	68	14e	6e
A7	21 Feb 2024	755	1	<2	<2	<2
A7	21 Feb 2024	755	12	<2	<2	<2
A7	21 Feb 2024	755	18	<2	4e	<2
A7	27 Feb 2024	816	1	<2	<2	<2
A7	27 Feb 2024	816	12	24e	2e	<2
A7	27 Feb 2024	816	18	14e	<2	4e
C4	09 Feb 2024	936	1	18e	<2	<2
C4	09 Feb 2024	936	3	<20	6e	2e
C4	09 Feb 2024	936	9	16e	4e	4e

Station	Date	Time	Depth	Total	Fecal	Entero
C4	12 Feb 2024	945	1	<2	<2	<2
C4	12 Feb 2024	945	3	2e	<2	<2
C4	12 Feb 2024	945	9	<2	2e	<2
C4	21 Feb 2024	911	1	<2	<2	<2
C4	21 Feb 2024	911	3	2e	<2	<2
C4	21 Feb 2024	911	9	12e	2e	<2
C4	27 Feb 2024	935	1	<2	<2	<2
C4	27 Feb 2024	935	3	<2	<2	<2
C4	27 Feb 2024	935	9	<2	<2	<2
C5	09 Feb 2024	926	1	74	10e	8e
C5	09 Feb 2024	926	3	100e	6e	8e
C5	09 Feb 2024	926	9	100e	4e	4e
C5	12 Feb 2024	933	1	<2	<2	<2
C5	12 Feb 2024	933	3	<2	<2	<2
C5	12 Feb 2024	933	9	<2	<2	<2
C5	21 Feb 2024	901	1	2e	<2	<2
C5	21 Feb 2024	901	3	<20	2e	2e
C5	21 Feb 2024	901	9	8e	2e	<2
C5	27 Feb 2024	924	1	<2	<2	<2
C5	27 Feb 2024	924	3	<2	<2	<2
C5	27 Feb 2024	924	9	<2	<2	<2
C6	09 Feb 2024	917	1	160e	8e	24e
C6	09 Feb 2024	917	3	60e	12e	6e
C6	09 Feb 2024	917	9	22e	2e	6e
C6	12 Feb 2024	922	1	<2	<2	<2
C6	12 Feb 2024	922	3	2e	<2	2e
C6	12 Feb 2024	922	9	<2	<2	<2
C6	21 Feb 2024	851	1	6e	<2	<2
C6	21 Feb 2024	851	3	6e	2e	4e
C6	21 Feb 2024	851	9	8e	<2	<2
C6	27 Feb 2024	913	1	<2	<2	<2
C6	27 Feb 2024	913	3	<2	<2	<2
C6	27 Feb 2024	913	9	<2	<2	<2
C7	09 Feb 2024	844	1	260e	14e	8e
C7	09 Feb 2024	844	12	4e	<2	<2
C7	09 Feb 2024	844	18	18e	2e	2e
C7	12 Feb 2024	847	1	<2	2e	<2
C7	12 Feb 2024	847	12	6e	6e	<2
C7	12 Feb 2024	847	18	140	12e	6e
C7	21 Feb 2024	820	1	<2	<2	<2
C7	21 Feb 2024	820	12	4e	2e	<2
C7	21 Feb 2024	820	18	<2	2e	2e
C7	27 Feb 2024	842	1	<2	<2	<2
C7	27 Feb 2024	842	12	<2	<2	<2
C7	27 Feb 2024	842	18	6e	<2	<2

Station	Date	Time	Depth	Total	Fecal	Entero
C8	09 Feb 2024	855	1	540	42	84
C8	09 Feb 2024	855	12	4e	<2	<2
C8	09 Feb 2024	855	18	80e	2e	2e
C8	12 Feb 2024	900	1	2e	<2	<2
C8	12 Feb 2024	900	12	14e	2e	<2
C8	12 Feb 2024	900	18	8e	8e	2e
C8	21 Feb 2024	830	1	<2	<2	<2
C8	21 Feb 2024	830	12	12e	<2	20e
C8	21 Feb 2024	830	18	4e	2e	2e
C8	27 Feb 2024	853	1	<2	<2	<2
C8	27 Feb 2024	853	12	<2	<2	2e
C8	27 Feb 2024	853	18	<2	<2	<2

ns = not sampled  
ND = no data

**Table 3.9**

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

Station	Date	Parameter	Value
A1	09 Feb 2024	Depth (m)	20
A1	09 Feb 2024	Arrive Time	802
A1	09 Feb 2024	Depart Time	808
A1	09 Feb 2024	Air Temp (C)	11.6
A1	09 Feb 2024	Weather	Drizzle
A1	09 Feb 2024	Visibility (mi)	5
A1	09 Feb 2024	Wind Speed (kts)	1.6
A1	09 Feb 2024	Wind Dir	E
A1	09 Feb 2024	Water Color	Brownish-Green
A1	09 Feb 2024	Wave Height Low (ft)	4
A1	09 Feb 2024	Wave Period (sec)	11
A1	09 Feb 2024	Sea State	Confused Swell
A1	09 Feb 2024	High Tide (ft)	6.68
A1	09 Feb 2024	High Tide Time	806
A1	09 Feb 2024	Low Tide (ft)	-1.75
A1	09 Feb 2024	Low Tide Time	1506
A1	09 Feb 2024	Comments	
A1	12 Feb 2024	Depth (m)	18
A1	12 Feb 2024	Arrive Time	805
A1	12 Feb 2024	Depart Time	814
A1	12 Feb 2024	Air Temp (C)	11.6
A1	12 Feb 2024	Weather	Clear
A1	12 Feb 2024	Visibility (mi)	10
A1	12 Feb 2024	Wind Speed (kts)	6.5
A1	12 Feb 2024	Wind Dir	E
A1	12 Feb 2024	Water Color	Greenish-Blue
A1	12 Feb 2024	Wave Height Low (ft)	3
A1	12 Feb 2024	Wave Period (sec)	18
A1	12 Feb 2024	Sea State	Calm
A1	12 Feb 2024	High Tide (ft)	5.5
A1	12 Feb 2024	High Tide Time	1024
A1	12 Feb 2024	Low Tide (ft)	-0.56
A1	12 Feb 2024	Low Tide Time	1648
A1	12 Feb 2024	Comments	Kelp Debris; Lobster Floats
A1	21 Feb 2024	Depth (m)	18
A1	21 Feb 2024	Arrive Time	743
A1	21 Feb 2024	Depart Time	748
A1	21 Feb 2024	Air Temp (C)	14.2
A1	21 Feb 2024	Weather	Partly Cloudy
A1	21 Feb 2024	Visibility (mi)	10
A1	21 Feb 2024	Wind Speed (kts)	1.4
A1	21 Feb 2024	Wind Dir	NW
A1	21 Feb 2024	Water Color	Blue
A1	21 Feb 2024	Wave Height Low (ft)	9
A1	21 Feb 2024	Wave Period (sec)	15
A1	21 Feb 2024	Sea State	Light Chop
A1	21 Feb 2024	High Tide (ft)	5.42
A1	21 Feb 2024	High Tide Time	700
A1	21 Feb 2024	Low Tide (ft)	-0.83
A1	21 Feb 2024	Low Tide Time	1406
A1	21 Feb 2024	Comments	Freshwater surface after rain
A1	27 Feb 2024	Depth (m)	19
A1	27 Feb 2024	Arrive Time	803

Station	Date	Parameter	Value
A1	27 Feb 2024	Depart Time	809
A1	27 Feb 2024	Air Temp (C)	14.4
A1	27 Feb 2024	Weather	Overcast
A1	27 Feb 2024	Visibility (mi)	7
A1	27 Feb 2024	Wind Speed (kts)	4.7
A1	27 Feb 2024	Wind Dir	E
A1	27 Feb 2024	Water Color	Greenish-Blue
A1	27 Feb 2024	Wave Height Low (ft)	3
A1	27 Feb 2024	Wave Period (sec)	15
A1	27 Feb 2024	Sea State	Light Chop
A1	27 Feb 2024	High Tide (ft)	4.44
A1	27 Feb 2024	High Tide Time	2236
A1	27 Feb 2024	Low Tide (ft)	0.53
A1	27 Feb 2024	Low Tide Time	1612
A1	27 Feb 2024	Comments	
A6	09 Feb 2024	Depth (m)	17
A6	09 Feb 2024	Arrive Time	829
A6	09 Feb 2024	Depart Time	835
A6	09 Feb 2024	Air Temp (C)	11.6
A6	09 Feb 2024	Weather	Partly Cloudy
A6	09 Feb 2024	Visibility (mi)	5
A6	09 Feb 2024	Wind Speed (kts)	8.5
A6	09 Feb 2024	Wind Dir	E
A6	09 Feb 2024	Water Color	Brownish-Green
A6	09 Feb 2024	Wave Height Low (ft)	4
A6	09 Feb 2024	Wave Period (sec)	11
A6	09 Feb 2024	Sea State	Confused Swell
A6	09 Feb 2024	High Tide (ft)	6.68
A6	09 Feb 2024	High Tide Time	806
A6	09 Feb 2024	Low Tide (ft)	-1.75
A6	09 Feb 2024	Low Tide Time	1506
A6	09 Feb 2024	Comments	
A6	12 Feb 2024	Depth (m)	17
A6	12 Feb 2024	Arrive Time	833
A6	12 Feb 2024	Depart Time	837
A6	12 Feb 2024	Air Temp (C)	12.9
A6	12 Feb 2024	Weather	Clear
A6	12 Feb 2024	Visibility (mi)	10
A6	12 Feb 2024	Wind Speed (kts)	2.2
A6	12 Feb 2024	Wind Dir	N
A6	12 Feb 2024	Water Color	Greenish-Blue
A6	12 Feb 2024	Wave Height Low (ft)	3
A6	12 Feb 2024	Wave Period (sec)	18
A6	12 Feb 2024	Sea State	Calm
A6	12 Feb 2024	High Tide (ft)	5.5
A6	12 Feb 2024	High Tide Time	1024
A6	12 Feb 2024	Low Tide (ft)	-0.56
A6	12 Feb 2024	Low Tide Time	1648
A6	12 Feb 2024	Comments	Kelp Debris; Lobster Floats
A6	21 Feb 2024	Depth (m)	18
A6	21 Feb 2024	Arrive Time	805
A6	21 Feb 2024	Depart Time	810
A6	21 Feb 2024	Air Temp (C)	14.1
A6	21 Feb 2024	Weather	Partly Cloudy
A6	21 Feb 2024	Visibility (mi)	10
A6	21 Feb 2024	Wind Speed (kts)	0.6
A6	21 Feb 2024	Wind Dir	NE
A6	21 Feb 2024	Water Color	Blue



Station	Date	Parameter	Value
A6	21 Feb 2024	Wave Height Low (ft)	9
A6	21 Feb 2024	Wave Period (sec)	15
A6	21 Feb 2024	Sea State	Light Chop
A6	21 Feb 2024	High Tide (ft)	5.42
A6	21 Feb 2024	High Tide Time	700
A6	21 Feb 2024	Low Tide (ft)	-0.83
A6	21 Feb 2024	Low Tide Time	1406
A6	21 Feb 2024	Comments	
A6	27 Feb 2024	Depth (m)	18
A6	27 Feb 2024	Arrive Time	828
A6	27 Feb 2024	Depart Time	832
A6	27 Feb 2024	Air Temp (C)	14.6
A6	27 Feb 2024	Weather	Overcast
A6	27 Feb 2024	Visibility (mi)	7
A6	27 Feb 2024	Wind Speed (kts)	1.9
A6	27 Feb 2024	Wind Dir	E
A6	27 Feb 2024	Water Color	Greenish-Blue
A6	27 Feb 2024	Wave Height Low (ft)	3
A6	27 Feb 2024	Wave Period (sec)	15
A6	27 Feb 2024	Sea State	Light Chop
A6	27 Feb 2024	High Tide (ft)	4.44
A6	27 Feb 2024	High Tide Time	2236
A6	27 Feb 2024	Low Tide (ft)	0.53
A6	27 Feb 2024	Low Tide Time	1612
A6	27 Feb 2024	Comments	
A7	09 Feb 2024	Depth (m)	20
A7	09 Feb 2024	Arrive Time	816
A7	09 Feb 2024	Depart Time	821
A7	09 Feb 2024	Air Temp (C)	11.7
A7	09 Feb 2024	Weather	Drizzle
A7	09 Feb 2024	Visibility (mi)	5
A7	09 Feb 2024	Wind Speed (kts)	10.1
A7	09 Feb 2024	Wind Dir	E
A7	09 Feb 2024	Water Color	Brownish-Green
A7	09 Feb 2024	Wave Height Low (ft)	4
A7	09 Feb 2024	Wave Period (sec)	11
A7	09 Feb 2024	Sea State	Confused Swell
A7	09 Feb 2024	High Tide (ft)	6.68
A7	09 Feb 2024	High Tide Time	806
A7	09 Feb 2024	Low Tide (ft)	-1.75
A7	09 Feb 2024	Low Tide Time	1506
A7	09 Feb 2024	Comments	flotilla of cormorants on station
A7	12 Feb 2024	Depth (m)	19
A7	12 Feb 2024	Arrive Time	819
A7	12 Feb 2024	Depart Time	825
A7	12 Feb 2024	Air Temp (C)	12.9
A7	12 Feb 2024	Weather	Clear
A7	12 Feb 2024	Visibility (mi)	10
A7	12 Feb 2024	Wind Speed (kts)	2.9
A7	12 Feb 2024	Wind Dir	NE
A7	12 Feb 2024	Water Color	Greenish-Blue
A7	12 Feb 2024	Wave Height Low (ft)	3
A7	12 Feb 2024	Wave Period (sec)	18
A7	12 Feb 2024	Sea State	Calm
A7	12 Feb 2024	High Tide (ft)	5.5
A7	12 Feb 2024	High Tide Time	1024
A7	12 Feb 2024	Low Tide (ft)	-0.56
A7	12 Feb 2024	Low Tide Time	1648

Station	Date	Parameter	Value
A7	12 Feb 2024	Comments	Kelp Debris; Lobster Floats
A7	21 Feb 2024	Depth (m)	19
A7	21 Feb 2024	Arrive Time	755
A7	21 Feb 2024	Depart Time	758
A7	21 Feb 2024	Air Temp (C)	14.3
A7	21 Feb 2024	Weather	Partly Cloudy
A7	21 Feb 2024	Visibility (mi)	10
A7	21 Feb 2024	Wind Speed (kts)	0.0
A7	21 Feb 2024	Wind Dir	NE
A7	21 Feb 2024	Water Color	Blue
A7	21 Feb 2024	Wave Height Low (ft)	9
A7	21 Feb 2024	Wave Period (sec)	15
A7	21 Feb 2024	Sea State	Light Chop
A7	21 Feb 2024	High Tide (ft)	5.42
A7	21 Feb 2024	High Tide Time	700
A7	21 Feb 2024	Low Tide (ft)	-0.83
A7	21 Feb 2024	Low Tide Time	1406
A7	21 Feb 2024	Comments	
A7	27 Feb 2024	Depth (m)	18
A7	27 Feb 2024	Arrive Time	816
A7	27 Feb 2024	Depart Time	821
A7	27 Feb 2024	Air Temp (C)	14.5
A7	27 Feb 2024	Weather	Overcast
A7	27 Feb 2024	Visibility (mi)	7
A7	27 Feb 2024	Wind Speed (kts)	3.5
A7	27 Feb 2024	Wind Dir	NE
A7	27 Feb 2024	Water Color	Greenish-Blue
A7	27 Feb 2024	Wave Height Low (ft)	3
A7	27 Feb 2024	Wave Period (sec)	15
A7	27 Feb 2024	Sea State	Light Chop
A7	27 Feb 2024	High Tide (ft)	4.44
A7	27 Feb 2024	High Tide Time	2236
A7	27 Feb 2024	Low Tide (ft)	0.53
A7	27 Feb 2024	Low Tide Time	1612
A7	27 Feb 2024	Comments	
C4	09 Feb 2024	Depth (m)	12
C4	09 Feb 2024	Arrive Time	936
C4	09 Feb 2024	Depart Time	940
C4	09 Feb 2024	Air Temp (C)	12.3
C4	09 Feb 2024	Weather	Partly Cloudy
C4	09 Feb 2024	Visibility (mi)	5
C4	09 Feb 2024	Wind Speed (kts)	8.5
C4	09 Feb 2024	Wind Dir	SE
C4	09 Feb 2024	Water Color	Green
C4	09 Feb 2024	Wave Height Low (ft)	4
C4	09 Feb 2024	Wave Period (sec)	11
C4	09 Feb 2024	Sea State	Confused Swell
C4	09 Feb 2024	High Tide (ft)	6.68
C4	09 Feb 2024	High Tide Time	806
C4	09 Feb 2024	Low Tide (ft)	-1.75
C4	09 Feb 2024	Low Tide Time	1506
C4	09 Feb 2024	Comments	
C4	12 Feb 2024	Depth (m)	11
C4	12 Feb 2024	Arrive Time	945
C4	12 Feb 2024	Depart Time	951
C4	12 Feb 2024	Air Temp (C)	12.9
C4	12 Feb 2024	Weather	Clear

Station	Date	Parameter	Value
C4	12 Feb 2024	Visibility (mi)	10
C4	12 Feb 2024	Wind Speed (kts)	1.1
C4	12 Feb 2024	Wind Dir	SE
C4	12 Feb 2024	Water Color	Greenish-Blue
C4	12 Feb 2024	Wave Height Low (ft)	3
C4	12 Feb 2024	Wave Period (sec)	18
C4	12 Feb 2024	Sea State	Calm
C4	12 Feb 2024	High Tide (ft)	5.5
C4	12 Feb 2024	High Tide Time	1024
C4	12 Feb 2024	Low Tide (ft)	-0.56
C4	12 Feb 2024	Low Tide Time	1648
C4	12 Feb 2024	Comments	Kelp Debris; Lobster Floats
C4	21 Feb 2024	Depth (m)	12
C4	21 Feb 2024	Arrive Time	911
C4	21 Feb 2024	Depart Time	914
C4	21 Feb 2024	Air Temp (C)	14.2
C4	21 Feb 2024	Weather	Partly Cloudy
C4	21 Feb 2024	Visibility (mi)	10
C4	21 Feb 2024	Wind Speed (kts)	6.7
C4	21 Feb 2024	Wind Dir	SE
C4	21 Feb 2024	Water Color	Greenish-Blue
C4	21 Feb 2024	Wave Height Low (ft)	9
C4	21 Feb 2024	Wave Period (sec)	15
C4	21 Feb 2024	Sea State	Light Chop
C4	21 Feb 2024	High Tide (ft)	5.42
C4	21 Feb 2024	High Tide Time	700
C4	21 Feb 2024	Low Tide (ft)	-0.83
C4	21 Feb 2024	Low Tide Time	1406
C4	21 Feb 2024	Comments	
C4	27 Feb 2024	Depth (m)	11
C4	27 Feb 2024	Arrive Time	935
C4	27 Feb 2024	Depart Time	938
C4	27 Feb 2024	Air Temp (C)	15.0
C4	27 Feb 2024	Weather	Partly Cloudy
C4	27 Feb 2024	Visibility (mi)	7
C4	27 Feb 2024	Wind Speed (kts)	3.4
C4	27 Feb 2024	Wind Dir	SE
C4	27 Feb 2024	Water Color	Greenish-Blue
C4	27 Feb 2024	Wave Height Low (ft)	3
C4	27 Feb 2024	Wave Period (sec)	15
C4	27 Feb 2024	Sea State	Calm
C4	27 Feb 2024	High Tide (ft)	4.44
C4	27 Feb 2024	High Tide Time	2236
C4	27 Feb 2024	Low Tide (ft)	0.53
C4	27 Feb 2024	Low Tide Time	1612
C4	27 Feb 2024	Comments	
C5	09 Feb 2024	Depth (m)	11
C5	09 Feb 2024	Arrive Time	926
C5	09 Feb 2024	Depart Time	930
C5	09 Feb 2024	Air Temp (C)	12.3
C5	09 Feb 2024	Weather	Partly Cloudy
C5	09 Feb 2024	Visibility (mi)	5
C5	09 Feb 2024	Wind Speed (kts)	5.0
C5	09 Feb 2024	Wind Dir	E
C5	09 Feb 2024	Water Color	Green
C5	09 Feb 2024	Wave Height Low (ft)	4
C5	09 Feb 2024	Wave Period (sec)	11
C5	09 Feb 2024	Sea State	Confused Swell

Station	Date	Parameter	Value
C5	09 Feb 2024	High Tide (ft)	6.68
C5	09 Feb 2024	High Tide Time	806
C5	09 Feb 2024	Low Tide (ft)	-1.75
C5	09 Feb 2024	Low Tide Time	1506
C5	09 Feb 2024	Comments	
C5	12 Feb 2024	Depth (m)	11
C5	12 Feb 2024	Arrive Time	933
C5	12 Feb 2024	Depart Time	939
C5	12 Feb 2024	Air Temp (C)	13.4
C5	12 Feb 2024	Weather	Clear
C5	12 Feb 2024	Visibility (mi)	10
C5	12 Feb 2024	Wind Speed (kts)	1.2
C5	12 Feb 2024	Wind Dir	NE
C5	12 Feb 2024	Water Color	Green
C5	12 Feb 2024	Wave Height Low (ft)	3
C5	12 Feb 2024	Wave Period (sec)	18
C5	12 Feb 2024	Sea State	Calm
C5	12 Feb 2024	High Tide (ft)	5.5
C5	12 Feb 2024	High Tide Time	1024
C5	12 Feb 2024	Low Tide (ft)	-0.56
C5	12 Feb 2024	Low Tide Time	1648
C5	12 Feb 2024	Comments	Kelp Debris
C5	21 Feb 2024	Depth (m)	9
C5	21 Feb 2024	Arrive Time	901
C5	21 Feb 2024	Depart Time	904
C5	21 Feb 2024	Air Temp (C)	14.4
C5	21 Feb 2024	Weather	Partly Cloudy
C5	21 Feb 2024	Visibility (mi)	10
C5	21 Feb 2024	Wind Speed (kts)	7.4
C5	21 Feb 2024	Wind Dir	S
C5	21 Feb 2024	Water Color	Greenish-Blue
C5	21 Feb 2024	Wave Height Low (ft)	9
C5	21 Feb 2024	Wave Period (sec)	15
C5	21 Feb 2024	Sea State	Light Chop
C5	21 Feb 2024	High Tide (ft)	5.42
C5	21 Feb 2024	High Tide Time	700
C5	21 Feb 2024	Low Tide (ft)	-0.83
C5	21 Feb 2024	Low Tide Time	1406
C5	21 Feb 2024	Comments	
C5	27 Feb 2024	Depth (m)	11
C5	27 Feb 2024	Arrive Time	924
C5	27 Feb 2024	Depart Time	928
C5	27 Feb 2024	Air Temp (C)	15.0
C5	27 Feb 2024	Weather	Overcast
C5	27 Feb 2024	Visibility (mi)	7
C5	27 Feb 2024	Wind Speed (kts)	4.2
C5	27 Feb 2024	Wind Dir	SW
C5	27 Feb 2024	Water Color	Greenish-Blue
C5	27 Feb 2024	Wave Height Low (ft)	3
C5	27 Feb 2024	Wave Period (sec)	15
C5	27 Feb 2024	Sea State	Calm
C5	27 Feb 2024	High Tide (ft)	4.44
C5	27 Feb 2024	High Tide Time	2236
C5	27 Feb 2024	Low Tide (ft)	0.53
C5	27 Feb 2024	Low Tide Time	1612
C5	27 Feb 2024	Comments	
C6	09 Feb 2024	Depth (m)	9

Station	Date	Parameter	Value
C6	09 Feb 2024	Arrive Time	917
C6	09 Feb 2024	Depart Time	920
C6	09 Feb 2024	Air Temp (C)	12.1
C6	09 Feb 2024	Weather	Partly Cloudy
C6	09 Feb 2024	Visibility (mi)	5
C6	09 Feb 2024	Wind Speed (kts)	6.4
C6	09 Feb 2024	Wind Dir	E
C6	09 Feb 2024	Water Color	Green
C6	09 Feb 2024	Wave Height Low (ft)	4
C6	09 Feb 2024	Wave Period (sec)	11
C6	09 Feb 2024	Sea State	Confused Swell
C6	09 Feb 2024	High Tide (ft)	6.68
C6	09 Feb 2024	High Tide Time	806
C6	09 Feb 2024	Low Tide (ft)	-1.75
C6	09 Feb 2024	Low Tide Time	1506
C6	09 Feb 2024	Comments	
C6	12 Feb 2024	Depth (m)	11
C6	12 Feb 2024	Arrive Time	922
C6	12 Feb 2024	Depart Time	925
C6	12 Feb 2024	Air Temp (C)	13.6
C6	12 Feb 2024	Weather	Clear
C6	12 Feb 2024	Visibility (mi)	10
C6	12 Feb 2024	Wind Speed (kts)	0.8
C6	12 Feb 2024	Wind Dir	NE
C6	12 Feb 2024	Water Color	Green
C6	12 Feb 2024	Wave Height Low (ft)	3
C6	12 Feb 2024	Wave Period (sec)	18
C6	12 Feb 2024	Sea State	Calm
C6	12 Feb 2024	High Tide (ft)	5.5
C6	12 Feb 2024	High Tide Time	1024
C6	12 Feb 2024	Low Tide (ft)	-0.56
C6	12 Feb 2024	Low Tide Time	1648
C6	12 Feb 2024	Comments	Kelp; Lobster Floats
C6	21 Feb 2024	Depth (m)	10
C6	21 Feb 2024	Arrive Time	851
C6	21 Feb 2024	Depart Time	854
C6	21 Feb 2024	Air Temp (C)	14.3
C6	21 Feb 2024	Weather	Partly Cloudy
C6	21 Feb 2024	Visibility (mi)	10
C6	21 Feb 2024	Wind Speed (kts)	5.1
C6	21 Feb 2024	Wind Dir	S
C6	21 Feb 2024	Water Color	Greenish-Blue
C6	21 Feb 2024	Wave Height Low (ft)	9
C6	21 Feb 2024	Wave Period (sec)	15
C6	21 Feb 2024	Sea State	Light Chop
C6	21 Feb 2024	High Tide (ft)	5.42
C6	21 Feb 2024	High Tide Time	700
C6	21 Feb 2024	Low Tide (ft)	-0.83
C6	21 Feb 2024	Low Tide Time	1406
C6	21 Feb 2024	Comments	
C6	27 Feb 2024	Depth (m)	10
C6	27 Feb 2024	Arrive Time	913
C6	27 Feb 2024	Depart Time	916
C6	27 Feb 2024	Air Temp (C)	14.9
C6	27 Feb 2024	Weather	Overcast
C6	27 Feb 2024	Visibility (mi)	7
C6	27 Feb 2024	Wind Speed (kts)	4.7
C6	27 Feb 2024	Wind Dir	SW

Station	Date	Parameter	Value
C6	27 Feb 2024	Water Color	Greenish-Blue
C6	27 Feb 2024	Wave Height Low (ft)	3
C6	27 Feb 2024	Wave Period (sec)	15
C6	27 Feb 2024	Sea State	Calm
C6	27 Feb 2024	High Tide (ft)	4.44
C6	27 Feb 2024	High Tide Time	2236
C6	27 Feb 2024	Low Tide (ft)	0.53
C6	27 Feb 2024	Low Tide Time	1612
C6	27 Feb 2024	Comments	
C7	09 Feb 2024	Depth (m)	19
C7	09 Feb 2024	Arrive Time	844
C7	09 Feb 2024	Depart Time	849
C7	09 Feb 2024	Air Temp (C)	11.9
C7	09 Feb 2024	Weather	Partly Cloudy
C7	09 Feb 2024	Visibility (mi)	5
C7	09 Feb 2024	Wind Speed (kts)	7.0
C7	09 Feb 2024	Wind Dir	SE
C7	09 Feb 2024	Water Color	Brownish-Green
C7	09 Feb 2024	Wave Height Low (ft)	4
C7	09 Feb 2024	Wave Period (sec)	11
C7	09 Feb 2024	Sea State	Confused Swell
C7	09 Feb 2024	High Tide (ft)	6.68
C7	09 Feb 2024	High Tide Time	806
C7	09 Feb 2024	Low Tide (ft)	-1.75
C7	09 Feb 2024	Low Tide Time	1506
C7	09 Feb 2024	Comments	
C7	12 Feb 2024	Depth (m)	18
C7	12 Feb 2024	Arrive Time	847
C7	12 Feb 2024	Depart Time	852
C7	12 Feb 2024	Air Temp (C)	13.1
C7	12 Feb 2024	Weather	Clear
C7	12 Feb 2024	Visibility (mi)	10
C7	12 Feb 2024	Wind Speed (kts)	2.8
C7	12 Feb 2024	Wind Dir	N
C7	12 Feb 2024	Water Color	Greenish-Blue
C7	12 Feb 2024	Wave Height Low (ft)	3
C7	12 Feb 2024	Wave Period (sec)	18
C7	12 Feb 2024	Sea State	Calm
C7	12 Feb 2024	High Tide (ft)	5.5
C7	12 Feb 2024	High Tide Time	1024
C7	12 Feb 2024	Low Tide (ft)	-0.56
C7	12 Feb 2024	Low Tide Time	1648
C7	12 Feb 2024	Comments	Lobster Floats
C7	21 Feb 2024	Depth (m)	18
C7	21 Feb 2024	Arrive Time	820
C7	21 Feb 2024	Depart Time	823
C7	21 Feb 2024	Air Temp (C)	14.1
C7	21 Feb 2024	Weather	Partly Cloudy
C7	21 Feb 2024	Visibility (mi)	10
C7	21 Feb 2024	Wind Speed (kts)	0.0
C7	21 Feb 2024	Wind Dir	E
C7	21 Feb 2024	Water Color	Blue
C7	21 Feb 2024	Wave Height Low (ft)	9
C7	21 Feb 2024	Wave Period (sec)	15
C7	21 Feb 2024	Sea State	Light Chop
C7	21 Feb 2024	High Tide (ft)	5.42
C7	21 Feb 2024	High Tide Time	700
C7	21 Feb 2024	Low Tide (ft)	-0.83

Station	Date	Parameter	Value
C7	21 Feb 2024	Low Tide Time	1406
C7	21 Feb 2024	Comments	plastic floatables
C7	27 Feb 2024	Depth (m)	18
C7	27 Feb 2024	Arrive Time	842
C7	27 Feb 2024	Depart Time	846
C7	27 Feb 2024	Air Temp (C)	14.8
C7	27 Feb 2024	Weather	Overcast
C7	27 Feb 2024	Visibility (mi)	7
C7	27 Feb 2024	Wind Speed (kts)	4.2
C7	27 Feb 2024	Wind Dir	N
C7	27 Feb 2024	Water Color	Greenish-Blue
C7	27 Feb 2024	Wave Height Low (ft)	3
C7	27 Feb 2024	Wave Period (sec)	15
C7	27 Feb 2024	Sea State	Light Chop
C7	27 Feb 2024	High Tide (ft)	4.44
C7	27 Feb 2024	High Tide Time	2236
C7	27 Feb 2024	Low Tide (ft)	0.53
C7	27 Feb 2024	Low Tide Time	1612
C7	27 Feb 2024	Comments	
C8	09 Feb 2024	Depth (m)	20
C8	09 Feb 2024	Arrive Time	855
C8	09 Feb 2024	Depart Time	917
C8	09 Feb 2024	Air Temp (C)	11.7
C8	09 Feb 2024	Weather	Partly Cloudy
C8	09 Feb 2024	Visibility (mi)	5
C8	09 Feb 2024	Wind Speed (kts)	9.5
C8	09 Feb 2024	Wind Dir	SE
C8	09 Feb 2024	Water Color	Brownish-Green
C8	09 Feb 2024	Wave Height Low (ft)	4
C8	09 Feb 2024	Wave Period (sec)	11
C8	09 Feb 2024	Sea State	Confused Swell
C8	09 Feb 2024	High Tide (ft)	6.68
C8	09 Feb 2024	High Tide Time	806
C8	09 Feb 2024	Low Tide (ft)	-1.75
C8	09 Feb 2024	Low Tide Time	1506
C8	09 Feb 2024	Comments	
C8	12 Feb 2024	Depth (m)	20
C8	12 Feb 2024	Arrive Time	900
C8	12 Feb 2024	Depart Time	904
C8	12 Feb 2024	Air Temp (C)	12.8
C8	12 Feb 2024	Weather	Clear
C8	12 Feb 2024	Visibility (mi)	10
C8	12 Feb 2024	Wind Speed (kts)	2.6
C8	12 Feb 2024	Wind Dir	NE
C8	12 Feb 2024	Water Color	Greenish-Blue
C8	12 Feb 2024	Wave Height Low (ft)	3
C8	12 Feb 2024	Wave Period (sec)	18
C8	12 Feb 2024	Sea State	Calm
C8	12 Feb 2024	High Tide (ft)	5.5
C8	12 Feb 2024	High Tide Time	1024
C8	12 Feb 2024	Low Tide (ft)	-0.56
C8	12 Feb 2024	Low Tide Time	1648
C8	12 Feb 2024	Comments	Freshwater Lens; Lobster Floats
C8	21 Feb 2024	Depth (m)	20
C8	21 Feb 2024	Arrive Time	830
C8	21 Feb 2024	Depart Time	834
C8	21 Feb 2024	Air Temp (C)	14.1

Station	Date	Parameter	Value
C8	21 Feb 2024	Weather	Partly Cloudy
C8	21 Feb 2024	Visibility (mi)	10
C8	21 Feb 2024	Wind Speed (kts)	6.3
C8	21 Feb 2024	Wind Dir	NE
C8	21 Feb 2024	Water Color	Blue
C8	21 Feb 2024	Wave Height Low (ft)	9
C8	21 Feb 2024	Wave Period (sec)	15
C8	21 Feb 2024	Sea State	Light Chop
C8	21 Feb 2024	High Tide (ft)	5.42
C8	21 Feb 2024	High Tide Time	700
C8	21 Feb 2024	Low Tide (ft)	-0.83
C8	21 Feb 2024	Low Tide Time	1406
C8	21 Feb 2024	Comments	
C8	27 Feb 2024	Depth (m)	19
C8	27 Feb 2024	Arrive Time	853
C8	27 Feb 2024	Depart Time	857
C8	27 Feb 2024	Air Temp (C)	14.8
C8	27 Feb 2024	Weather	Overcast
C8	27 Feb 2024	Visibility (mi)	7
C8	27 Feb 2024	Wind Speed (kts)	2.0
C8	27 Feb 2024	Wind Dir	NE
C8	27 Feb 2024	Water Color	Greenish-Blue
C8	27 Feb 2024	Wave Height Low (ft)	3
C8	27 Feb 2024	Wave Period (sec)	15
C8	27 Feb 2024	Sea State	Calm
C8	27 Feb 2024	High Tide (ft)	4.44
C8	27 Feb 2024	High Tide Time	2236
C8	27 Feb 2024	Low Tide (ft)	0.53
C8	27 Feb 2024	Low Tide Time	1612
C8	27 Feb 2024	Comments	



**Table 3.10**

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

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A1	09 Feb 2024	1	14.56	73.94	8.0	32.09	8.1	23.8	NA
A1	09 Feb 2024	2	14.57	72.00	8.0	32.10	8.1	23.8	NA
A1	09 Feb 2024	3	14.61	73.01	8.0	32.15	8.1	23.9	NA
A1	09 Feb 2024	4	14.66	74.36	8.0	32.25	8.1	23.9	NA
A1	09 Feb 2024	5	14.71	76.10	7.9	32.36	8.1	24.0	NA
A1	09 Feb 2024	6	14.75	78.89	7.9	32.45	8.1	24.1	NA
A1	09 Feb 2024	7	14.90	79.01	7.7	32.76	8.1	24.3	NA
A1	09 Feb 2024	8	14.96	82.32	7.7	32.93	8.1	24.4	NA
A1	09 Feb 2024	9	14.97	84.63	7.6	32.97	8.1	24.4	NA
A1	09 Feb 2024	10	14.96	86.07	7.6	32.99	8.1	24.4	NA
A1	09 Feb 2024	11	14.96	87.03	7.7	33.00	8.1	24.4	NA
A1	09 Feb 2024	12	14.96	87.81	7.7	33.00	8.1	24.4	NA
A1	09 Feb 2024	13	14.96	88.24	7.7	33.01	8.1	24.4	NA
A1	09 Feb 2024	14	14.96	88.24	7.7	33.02	8.1	24.5	NA
A1	09 Feb 2024	15	14.97	90.25	7.6	33.05	8.1	24.5	NA
A1	09 Feb 2024	16	14.93	90.90	7.6	33.08	8.1	24.5	NA
A1	09 Feb 2024	17	14.84	90.97	7.7	33.12	8.1	24.6	NA
A1	09 Feb 2024	18	14.76	90.31	7.3	33.13	8.1	24.6	NA
A1	09 Feb 2024	19	14.69	88.63	7.3	33.15	8.1	24.6	NA
A1	12 Feb 2024	1	14.70	93.86	7.9	33.12	8.2	24.6	0.45
A1	12 Feb 2024	2	14.71	94.38	7.9	33.12	8.2	24.6	0.46
A1	12 Feb 2024	3	14.71	95.32	7.9	33.12	8.2	24.6	0.46
A1	12 Feb 2024	4	14.71	95.28	7.9	33.12	8.2	24.6	0.49
A1	12 Feb 2024	5	14.71	95.37	7.9	33.12	8.2	24.6	0.49
A1	12 Feb 2024	6	14.72	95.23	7.9	33.12	8.2	24.6	0.53
A1	12 Feb 2024	7	14.72	95.41	7.8	33.13	8.2	24.6	0.58
A1	12 Feb 2024	8	14.72	95.23	7.8	33.13	8.2	24.6	0.62
A1	12 Feb 2024	9	14.72	95.32	7.8	33.13	8.2	24.6	0.64
A1	12 Feb 2024	10	14.72	95.38	7.8	33.13	8.2	24.6	0.68
A1	12 Feb 2024	11	14.72	95.49	7.8	33.14	8.2	24.6	0.71
A1	12 Feb 2024	12	14.72	95.72	7.7	33.14	8.2	24.6	0.73
A1	12 Feb 2024	13	14.71	95.73	7.7	33.14	8.2	24.6	0.7
A1	12 Feb 2024	14	14.71	95.86	7.7	33.14	8.2	24.6	0.71
A1	12 Feb 2024	15	14.67	95.93	7.7	33.15	8.2	24.6	0.71
A1	12 Feb 2024	16	14.60	95.87	7.7	33.15	8.2	24.6	0.69
A1	12 Feb 2024	17	14.13	95.81	7.2	33.20	8.2	24.8	0.59
A1	12 Feb 2024	18	13.19	95.09	6.4	33.29	8.2	25.0	0.42
A1	27 Feb 2024	1	15.68	92.21	9.0	32.89	8.2	24.2	1.16
A1	27 Feb 2024	2	15.67	91.27	9.0	32.89	8.2	24.2	1.35
A1	27 Feb 2024	3	15.67	92.10	9.0	32.89	8.2	24.2	1.56
A1	27 Feb 2024	4	15.66	91.93	9.0	32.90	8.2	24.2	1.79
A1	27 Feb 2024	5	15.65	91.80	9.0	32.90	8.2	24.2	2.13
A1	27 Feb 2024	6	15.60	90.79	8.9	32.91	8.2	24.2	2.82
A1	27 Feb 2024	7	15.53	90.72	8.7	32.94	8.2	24.3	3.72
A1	27 Feb 2024	8	15.15	89.47	8.3	33.02	8.2	24.4	3.22
A1	27 Feb 2024	9	14.85	89.91	7.8	33.07	8.1	24.5	2.47
A1	27 Feb 2024	10	14.64	92.03	7.5	33.10	8.1	24.6	2.25
A1	27 Feb 2024	11	14.09	92.88	7.2	33.17	8.1	24.8	2.03
A1	27 Feb 2024	12	13.85	93.04	7.0	33.17	8.1	24.8	1.65
A1	27 Feb 2024	13	13.72	94.28	6.9	33.19	8.0	24.8	1.25
A1	27 Feb 2024	14	13.54	95.18	6.7	33.20	8.0	24.9	1.02
A1	27 Feb 2024	15	13.23	95.20	6.6	33.23	8.0	25.0	0.76
A1	27 Feb 2024	16	13.09	95.10	6.7	33.24	8.0	25.0	0.61

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A1	27 Feb 2024	17	13.07	95.18	6.7	33.24	8.0	25.0	0.57
A1	27 Feb 2024	18	13.06	95.27	6.2	33.24	8.0	25.0	0.47
A1	27 Feb 2024	19	13.06	95.23	6.4	33.24	8.0	25.0	0.48
A6	09 Feb 2024	1	14.71	77.95	7.9	32.40	8.2	24.0	NA
A6	09 Feb 2024	2	14.68	77.57	7.9	32.35	8.2	24.0	NA
A6	09 Feb 2024	3	14.69	77.96	7.9	32.36	8.2	24.0	NA
A6	09 Feb 2024	4	14.87	77.55	7.8	32.60	8.2	24.2	NA
A6	09 Feb 2024	5	14.86	79.79	7.8	32.61	8.2	24.2	NA
A6	09 Feb 2024	6	14.94	83.32	7.7	32.78	8.2	24.3	NA
A6	09 Feb 2024	7	14.95	87.35	7.6	33.01	8.2	24.4	NA
A6	09 Feb 2024	8	14.98	88.49	7.6	33.07	8.2	24.5	NA
A6	09 Feb 2024	9	14.97	89.55	7.6	33.09	8.2	24.5	NA
A6	09 Feb 2024	10	14.97	90.54	7.6	33.08	8.2	24.5	NA
A6	09 Feb 2024	11	14.96	90.19	7.6	33.11	8.2	24.5	NA
A6	09 Feb 2024	12	14.96	90.06	7.6	33.10	8.2	24.5	NA
A6	09 Feb 2024	13	14.95	90.21	7.5	33.10	8.2	24.5	NA
A6	09 Feb 2024	14	14.94	90.05	7.5	33.10	8.2	24.5	NA
A6	09 Feb 2024	15	14.93	89.82	7.5	33.10	8.2	24.5	NA
A6	09 Feb 2024	16	14.91	89.58	7.5	33.11	8.2	24.5	NA
A6	09 Feb 2024	17	14.86	88.17	7.4	33.12	8.2	24.6	NA
A6	09 Feb 2024	18	14.83	87.96	7.4	33.12	8.1	24.6	NA
A6	12 Feb 2024	1	15.01	86.45	8.0	33.00	8.2	24.4	1.2
A6	12 Feb 2024	2	15.06	86.08	8.0	33.06	8.2	24.5	1.45
A6	12 Feb 2024	3	15.05	87.98	7.9	33.07	8.2	24.5	1.41
A6	12 Feb 2024	4	15.01	90.10	7.8	33.08	8.2	24.5	1.23
A6	12 Feb 2024	5	14.92	91.55	7.7	33.10	8.2	24.5	0.99
A6	12 Feb 2024	6	14.86	92.87	7.7	33.11	8.2	24.5	0.78
A6	12 Feb 2024	7	14.73	93.97	7.6	33.13	8.2	24.6	0.66
A6	12 Feb 2024	8	14.59	94.84	7.5	33.15	8.2	24.6	0.57
A6	12 Feb 2024	9	14.43	94.74	7.3	33.16	8.2	24.7	0.55
A6	12 Feb 2024	10	14.30	94.93	7.2	33.17	8.2	24.7	0.49
A6	12 Feb 2024	11	14.09	95.03	7.1	33.20	8.2	24.8	0.49
A6	12 Feb 2024	12	13.93	94.99	7.0	33.21	8.1	24.8	0.44
A6	12 Feb 2024	13	13.82	94.84	7.0	33.22	8.1	24.8	0.41
A6	12 Feb 2024	14	13.79	94.99	6.9	33.22	8.1	24.9	0.4
A6	12 Feb 2024	15	13.77	95.12	6.8	33.22	8.1	24.9	0.4
A6	12 Feb 2024	16	13.66	94.98	6.7	33.23	8.1	24.9	0.36
A6	12 Feb 2024	17	13.46	94.62	6.6	33.25	8.1	24.9	0.34
A6	12 Feb 2024	18	13.24	94.62	6.4	33.28	8.1	25.0	0.33
A6	12 Feb 2024	19	13.16	94.38	6.4	33.29	8.1	25.0	0.31
A6	12 Feb 2024	20	13.23	94.34	6.3	33.29	8.1	25.0	0.32
A6	27 Feb 2024	1	15.59	91.36	9.3	32.90	8.3	24.2	1.12
A6	27 Feb 2024	2	15.59	91.52	9.3	32.90	8.3	24.2	1.22
A6	27 Feb 2024	3	15.58	91.24	9.3	32.90	8.3	24.2	1.38
A6	27 Feb 2024	4	15.57	90.66	9.2	32.91	8.3	24.2	1.86
A6	27 Feb 2024	5	15.49	89.49	9.1	32.93	8.2	24.3	2.43
A6	27 Feb 2024	6	15.33	88.74	8.7	32.97	8.2	24.3	2.95
A6	27 Feb 2024	7	15.09	90.45	8.3	33.03	8.2	24.4	2.97
A6	27 Feb 2024	8	14.95	92.83	8.0	33.06	8.2	24.5	2.71
A6	27 Feb 2024	9	14.83	93.76	7.7	33.07	8.1	24.5	2.08
A6	27 Feb 2024	10	14.46	94.24	7.4	33.12	8.1	24.6	1.8
A6	27 Feb 2024	11	14.21	94.48	7.1	33.15	8.1	24.7	1.43
A6	27 Feb 2024	12	14.03	95.03	6.9	33.16	8.1	24.8	1.05
A6	27 Feb 2024	13	13.80	95.37	6.8	33.19	8.0	24.8	0.8
A6	27 Feb 2024	14	13.71	95.36	6.7	33.19	8.0	24.8	0.68
A6	27 Feb 2024	15	13.64	95.24	6.9	33.20	8.0	24.9	0.59
A6	27 Feb 2024	16	13.58	95.18	6.9	33.20	8.0	24.9	0.53
A6	27 Feb 2024	17	13.48	95.09	6.4	33.21	8.0	24.9	0.5

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A6	27 Feb 2024	18	13.43	94.96	6.5	33.22	8.0	24.9	0.46
A7	09 Feb 2024	1	14.59	70.23	7.4	32.14	8.2	23.9	NA
A7	09 Feb 2024	2	14.63	69.05	7.6	32.16	8.2	23.9	NA
A7	09 Feb 2024	3	14.72	70.38	7.6	32.25	8.2	23.9	NA
A7	09 Feb 2024	4	14.78	71.02	7.4	32.42	8.1	24.0	NA
A7	09 Feb 2024	5	14.88	72.65	7.4	32.58	8.1	24.1	NA
A7	09 Feb 2024	6	14.87	78.59	7.2	32.78	8.1	24.3	NA
A7	09 Feb 2024	7	14.86	78.05	7.3	32.82	8.1	24.3	NA
A7	09 Feb 2024	8	14.89	79.58	7.3	32.91	8.1	24.4	NA
A7	09 Feb 2024	9	14.92	84.04	7.1	32.97	8.1	24.4	NA
A7	09 Feb 2024	10	14.92	83.88	7.2	32.98	8.1	24.4	NA
A7	09 Feb 2024	11	14.92	84.50	7.4	33.00	8.1	24.4	NA
A7	09 Feb 2024	12	14.94	84.91	7.4	33.01	8.1	24.4	NA
A7	09 Feb 2024	13	14.95	86.64	7.4	33.03	8.1	24.5	NA
A7	09 Feb 2024	14	14.94	86.86	7.4	33.03	8.1	24.5	NA
A7	09 Feb 2024	15	14.94	87.14	7.5	33.04	8.1	24.5	NA
A7	09 Feb 2024	16	14.93	87.17	7.5	33.06	8.1	24.5	NA
A7	09 Feb 2024	17	14.89	86.76	7.4	33.06	8.1	24.5	NA
A7	09 Feb 2024	18	14.89	87.01	7.4	33.06	8.1	24.5	NA
A7	09 Feb 2024	19	14.86	86.06	7.5	33.08	8.1	24.5	NA
A7	09 Feb 2024	20	14.82	86.49	7.4	33.11	8.1	24.6	NA
A7	09 Feb 2024	21	14.74	86.05	7.2	33.13	8.1	24.6	NA
A7	12 Feb 2024	1	14.86	93.40	7.8	33.09	8.2	24.5	0.61
A7	12 Feb 2024	2	14.86	93.31	7.9	33.09	8.2	24.5	0.58
A7	12 Feb 2024	3	14.86	93.03	7.8	33.09	8.2	24.5	0.61
A7	12 Feb 2024	4	14.86	93.22	7.9	33.09	8.2	24.5	0.67
A7	12 Feb 2024	5	14.86	93.23	7.9	33.09	8.2	24.5	0.72
A7	12 Feb 2024	6	14.85	93.24	7.9	33.09	8.2	24.5	0.82
A7	12 Feb 2024	7	14.84	93.16	7.8	33.10	8.2	24.5	0.83
A7	12 Feb 2024	8	14.82	93.42	7.8	33.10	8.2	24.5	0.87
A7	12 Feb 2024	9	14.66	93.24	7.7	33.13	8.2	24.6	0.85
A7	12 Feb 2024	10	14.45	94.56	7.5	33.16	8.2	24.7	0.77
A7	12 Feb 2024	11	14.35	95.15	7.4	33.17	8.2	24.7	0.62
A7	12 Feb 2024	12	14.24	95.42	7.3	33.18	8.2	24.7	0.54
A7	12 Feb 2024	13	14.19	95.24	7.3	33.19	8.2	24.7	0.54
A7	12 Feb 2024	14	14.15	95.39	7.2	33.19	8.2	24.8	0.53
A7	12 Feb 2024	15	14.13	95.01	7.2	33.19	8.1	24.8	0.54
A7	12 Feb 2024	16	14.12	95.12	7.2	33.19	8.1	24.8	0.52
A7	12 Feb 2024	17	14.10	95.22	7.3	33.19	8.1	24.8	0.52
A7	12 Feb 2024	18	14.02	95.25	7.4	33.21	8.1	24.8	0.5
A7	12 Feb 2024	19	13.74	94.69	6.7	33.24	8.1	24.9	0.4
A7	12 Feb 2024	20	13.73	94.32	6.7	33.25	8.1	24.9	0.36
A7	27 Feb 2024	1	15.72	93.22	9.2	32.89	8.2	24.2	0.92
A7	27 Feb 2024	2	15.68	92.78	9.2	32.90	8.2	24.2	1.2
A7	27 Feb 2024	3	15.54	92.91	8.9	32.94	8.2	24.3	1.98
A7	27 Feb 2024	4	15.22	92.18	8.4	33.01	8.2	24.4	2.78
A7	27 Feb 2024	5	14.89	90.99	7.9	33.06	8.2	24.5	2.82
A7	27 Feb 2024	6	14.54	90.92	7.3	33.11	8.1	24.6	2.34
A7	27 Feb 2024	7	14.05	91.79	6.9	33.18	8.1	24.8	1.8
A7	27 Feb 2024	8	13.75	93.01	6.8	33.20	8.0	24.9	1.41
A7	27 Feb 2024	9	13.50	94.26	6.7	33.20	8.0	24.9	0.93
A7	27 Feb 2024	10	13.44	94.85	6.6	33.21	8.0	24.9	0.7
A7	27 Feb 2024	11	13.42	95.23	6.6	33.21	8.0	24.9	0.55
A7	27 Feb 2024	12	13.41	95.20	6.6	33.21	8.0	24.9	0.52
A7	27 Feb 2024	13	13.38	95.37	6.5	33.21	8.0	24.9	0.48
A7	27 Feb 2024	14	13.37	95.32	6.5	33.22	8.0	24.9	0.48
A7	27 Feb 2024	15	13.33	95.12	6.6	33.22	8.0	25.0	0.5
A7	27 Feb 2024	16	13.25	95.24	7.0	33.23	8.0	25.0	0.48

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A7	27 Feb 2024	17	13.17	95.10	6.3	33.24	8.0	25.0	0.46
A7	27 Feb 2024	18	13.14	94.88	6.5	33.24	8.0	25.0	0.44
C4	09 Feb 2024	1	14.88	77.11	7.8	32.70	8.2	24.2	NA
C4	09 Feb 2024	2	14.87	77.35	7.8	32.68	8.2	24.2	NA
C4	09 Feb 2024	3	14.91	77.23	7.8	32.71	8.2	24.2	NA
C4	09 Feb 2024	4	14.91	76.25	7.7	32.77	8.2	24.3	NA
C4	09 Feb 2024	5	14.92	74.46	7.7	32.79	8.2	24.3	NA
C4	09 Feb 2024	6	14.92	74.89	7.8	32.80	8.2	24.3	NA
C4	09 Feb 2024	7	14.93	73.32	7.7	32.83	8.2	24.3	NA
C4	09 Feb 2024	8	14.93	72.70	7.7	32.85	8.2	24.3	NA
C4	09 Feb 2024	9	14.92	73.43	7.8	32.86	8.2	24.3	NA
C4	09 Feb 2024	10	14.89	74.62	8.2	32.91	8.2	24.4	NA
C4	09 Feb 2024	11	14.78	75.19	7.3	33.03	8.2	24.5	NA
C4	09 Feb 2024	12	14.72	69.49	6.9	33.05	8.2	24.5	NA
C4	12 Feb 2024	1	14.77	89.39	7.8	33.11	8.2	24.6	0.3
C4	12 Feb 2024	2	14.77	85.04	7.8	33.11	8.2	24.6	0.31
C4	12 Feb 2024	3	14.78	92.25	7.8	33.11	8.2	24.6	0.32
C4	12 Feb 2024	4	14.75	91.05	7.9	33.11	8.2	24.6	0.35
C4	12 Feb 2024	5	14.74	92.40	7.9	33.11	8.2	24.6	0.42
C4	12 Feb 2024	6	14.71	92.61	7.8	33.12	8.2	24.6	0.49
C4	12 Feb 2024	7	14.51	92.92	7.4	33.15	8.2	24.7	0.47
C4	12 Feb 2024	8	14.18	93.11	7.1	33.20	8.2	24.8	0.36
C4	12 Feb 2024	9	13.99	92.98	7.0	33.23	8.2	24.8	0.27
C4	12 Feb 2024	10	13.95	92.61	7.0	33.24	8.1	24.8	0.21
C4	12 Feb 2024	11	13.93	91.04	6.8	33.24	8.1	24.8	0.2
C4	12 Feb 2024	12	13.94	88.62	6.8	33.24	8.1	24.8	0.2
C4	27 Feb 2024	1	15.45	91.87	8.9	32.91	8.2	24.3	0.57
C4	27 Feb 2024	2	15.34	91.89	8.5	32.94	8.2	24.3	0.7
C4	27 Feb 2024	3	14.87	91.38	7.8	33.05	8.2	24.5	1.08
C4	27 Feb 2024	4	14.48	90.72	7.4	33.11	8.1	24.6	1.58
C4	27 Feb 2024	5	14.30	91.06	7.2	33.12	8.1	24.7	2.15
C4	27 Feb 2024	6	14.18	91.41	7.0	33.13	8.1	24.7	1.54
C4	27 Feb 2024	7	14.11	93.12	6.9	33.14	8.1	24.7	0.83
C4	27 Feb 2024	8	14.06	95.00	6.8	33.15	8.1	24.7	0.47
C4	27 Feb 2024	9	13.96	95.51	6.7	33.15	8.0	24.8	0.32
C4	27 Feb 2024	10	13.96	95.13	6.8	33.15	8.0	24.8	0.24
C4	27 Feb 2024	11	13.96	94.48	6.7	33.15	8.0	24.8	0.23
C5	09 Feb 2024	1	14.59	68.78	8.0	32.26	8.2	23.9	NA
C5	09 Feb 2024	2	14.57	66.58	8.0	32.27	8.2	24.0	NA
C5	09 Feb 2024	3	14.56	69.22	8.0	32.33	8.2	24.0	NA
C5	09 Feb 2024	4	14.58	68.65	8.0	32.38	8.2	24.0	NA
C5	09 Feb 2024	5	14.62	66.85	7.9	32.45	8.2	24.1	NA
C5	09 Feb 2024	6	14.72	65.81	7.8	32.59	8.2	24.2	NA
C5	09 Feb 2024	7	14.76	65.40	7.4	32.76	8.1	24.3	NA
C5	09 Feb 2024	8	14.79	69.92	7.2	32.98	8.1	24.5	NA
C5	09 Feb 2024	9	14.78	69.37	7.2	33.02	8.1	24.5	NA
C5	09 Feb 2024	10	14.77	67.87	7.1	33.03	8.1	24.5	NA
C5	09 Feb 2024	11	14.76	64.12	7.0	33.03	8.1	24.5	NA
C5	12 Feb 2024	1	14.85	91.96	7.7	33.11	8.2	24.5	0.23
C5	12 Feb 2024	2	14.85	92.13	7.8	33.11	8.2	24.5	0.23
C5	12 Feb 2024	3	14.84	92.29	7.7	33.11	8.2	24.5	0.23
C5	12 Feb 2024	4	14.80	92.21	7.7	33.11	8.2	24.6	0.26
C5	12 Feb 2024	5	14.76	91.85	7.7	33.11	8.2	24.6	0.31
C5	12 Feb 2024	6	14.74	91.78	7.7	33.12	8.2	24.6	0.33
C5	12 Feb 2024	7	14.72	91.81	7.6	33.12	8.2	24.6	0.35
C5	12 Feb 2024	8	14.65	91.88	7.6	33.13	8.2	24.6	0.34

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C5	12 Feb 2024	9	14.54	91.73	7.9	33.14	8.2	24.6	0.38
C5	12 Feb 2024	10	14.54	91.02	7.2	33.14	8.2	24.6	0.32
C5	12 Feb 2024	11	14.56	90.14	7.4	33.14	8.1	24.6	0.27
C5	27 Feb 2024	1	15.61	92.53	9.2	32.91	8.3	24.2	0.69
C5	27 Feb 2024	2	15.61	92.57	9.3	32.91	8.3	24.2	0.65
C5	27 Feb 2024	3	15.61	92.68	9.3	32.91	8.3	24.2	0.68
C5	27 Feb 2024	4	15.56	92.65	9.2	32.91	8.3	24.2	0.88
C5	27 Feb 2024	5	15.32	92.21	8.7	32.97	8.2	24.3	1.28
C5	27 Feb 2024	6	14.99	91.61	8.1	33.02	8.2	24.5	1.75
C5	27 Feb 2024	7	14.84	91.42	7.7	33.05	8.2	24.5	2
C5	27 Feb 2024	8	14.64	91.80	7.4	33.07	8.1	24.6	1.29
C5	27 Feb 2024	9	14.63	92.91	7.5	33.07	8.1	24.6	0.89
C5	27 Feb 2024	10	14.62	94.14	7.4	33.07	8.1	24.6	0.69
C5	27 Feb 2024	11	14.59	94.50	7.4	33.07	8.1	24.6	0.55
C6	09 Feb 2024	1	14.53	67.08	8.0	32.11	8.2	23.8	0.01
C6	09 Feb 2024	2	14.53	66.54	8.0	32.11	8.2	23.8	NA
C6	09 Feb 2024	3	14.52	66.97	8.0	32.13	8.2	23.9	NA
C6	09 Feb 2024	4	14.68	67.44	7.8	32.32	8.2	24.0	NA
C6	09 Feb 2024	5	14.72	67.44	7.8	32.50	8.2	24.1	NA
C6	09 Feb 2024	6	14.69	66.60	7.8	32.46	8.2	24.1	NA
C6	09 Feb 2024	7	14.83	64.80	7.4	32.72	8.1	24.2	NA
C6	09 Feb 2024	8	14.93	66.43	7.2	32.99	8.1	24.4	NA
C6	09 Feb 2024	9	14.95	68.02	7.1	33.04	8.1	24.5	NA
C6	09 Feb 2024	10	14.96	68.32	7.0	33.05	8.1	24.5	NA
C6	12 Feb 2024	1	15.04	85.45	7.9	33.03	8.2	24.4	0.28
C6	12 Feb 2024	2	14.96	85.13	8.0	33.04	8.2	24.5	0.36
C6	12 Feb 2024	3	14.95	85.54	8.0	33.04	8.2	24.5	0.46
C6	12 Feb 2024	4	14.93	86.05	7.9	33.06	8.2	24.5	0.59
C6	12 Feb 2024	5	14.88	87.77	7.8	33.08	8.2	24.5	0.69
C6	12 Feb 2024	6	14.84	89.59	7.6	33.09	8.2	24.5	0.63
C6	12 Feb 2024	7	14.83	90.06	7.5	33.10	8.2	24.5	0.44
C6	12 Feb 2024	8	14.82	90.27	7.5	33.11	8.2	24.6	0.36
C6	12 Feb 2024	9	14.82	90.39	8.0	33.11	8.2	24.6	0.28
C6	12 Feb 2024	10	14.82	90.35	7.2	33.11	8.2	24.6	0.28
C6	12 Feb 2024	11	14.82	89.38	6.4	33.11	8.2	24.6	0.14
C6	27 Feb 2024	1	15.53	92.11	9.1	32.91	8.2	24.2	0.76
C6	27 Feb 2024	2	15.46	91.96	9.0	32.91	8.2	24.3	1
C6	27 Feb 2024	3	15.33	91.45	8.8	32.93	8.2	24.3	1.52
C6	27 Feb 2024	4	15.31	91.09	8.7	32.93	8.2	24.3	1.88
C6	27 Feb 2024	5	15.25	90.31	8.5	32.95	8.2	24.3	2.51
C6	27 Feb 2024	6	15.06	90.00	8.1	32.99	8.2	24.4	2.63
C6	27 Feb 2024	7	14.97	90.09	7.9	33.02	8.1	24.4	2.22
C6	27 Feb 2024	8	14.83	91.08	7.7	33.05	8.1	24.5	1.85
C6	27 Feb 2024	9	14.58	92.28	7.1	33.08	8.1	24.6	0.93
C6	27 Feb 2024	10	14.53	93.84	7.0	33.08	8.1	24.6	0.49
C7	09 Feb 2024	1	14.62	69.60	8.1	32.23	8.2	23.9	NA
C7	09 Feb 2024	2	14.70	69.45	8.1	32.41	8.2	24.0	NA
C7	09 Feb 2024	3	14.79	70.70	8.0	32.60	8.2	24.2	NA
C7	09 Feb 2024	4	14.89	71.16	7.9	32.78	8.2	24.3	NA
C7	09 Feb 2024	5	14.94	72.83	7.9	32.89	8.2	24.4	NA
C7	09 Feb 2024	6	15.00	77.97	7.8	33.02	8.2	24.4	NA
C7	09 Feb 2024	7	15.00	85.56	7.8	33.08	8.2	24.5	NA
C7	09 Feb 2024	8	15.00	90.41	7.8	33.10	8.2	24.5	NA
C7	09 Feb 2024	9	15.00	92.85	7.8	33.10	8.2	24.5	NA
C7	09 Feb 2024	10	15.00	93.65	7.8	33.10	8.2	24.5	NA
C7	09 Feb 2024	11	15.00	94.14	7.8	33.10	8.2	24.5	NA

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C7	09 Feb 2024	12	14.98	94.36	7.8	33.12	8.2	24.5	NA
C7	09 Feb 2024	13	14.97	94.39	7.7	33.12	8.2	24.5	NA
C7	09 Feb 2024	14	14.96	94.54	7.7	33.12	8.2	24.5	NA
C7	09 Feb 2024	15	14.96	94.77	7.7	33.12	8.2	24.5	NA
C7	09 Feb 2024	16	14.93	94.40	7.7	33.13	8.2	24.5	NA
C7	09 Feb 2024	17	14.89	94.34	7.6	33.14	8.2	24.6	NA
C7	09 Feb 2024	18	14.88	94.14	7.7	33.14	8.2	24.6	NA
C7	09 Feb 2024	19	14.83	93.58	7.4	33.15	8.2	24.6	NA
C7	12 Feb 2024	1	14.93	86.93	8.0	32.99	8.2	24.4	1.73
C7	12 Feb 2024	2	14.94	85.37	8.0	33.01	8.2	24.4	1.73
C7	12 Feb 2024	3	14.94	87.59	7.9	33.04	8.2	24.5	1.82
C7	12 Feb 2024	4	14.93	89.04	7.9	33.06	8.2	24.5	1.54
C7	12 Feb 2024	5	14.93	84.21	7.9	33.07	8.2	24.5	1.39
C7	12 Feb 2024	6	14.93	85.12	7.8	33.07	8.2	24.5	1.29
C7	12 Feb 2024	7	14.92	87.16	7.8	33.09	8.2	24.5	1.16
C7	12 Feb 2024	8	14.84	87.70	7.6	33.10	8.2	24.5	0.94
C7	12 Feb 2024	9	14.75	85.44	7.4	33.12	8.2	24.6	0.75
C7	12 Feb 2024	10	14.75	84.71	7.4	33.12	8.2	24.6	0.63
C7	12 Feb 2024	11	14.68	84.68	7.3	33.13	8.2	24.6	0.57
C7	12 Feb 2024	12	14.62	84.56	7.2	33.14	8.2	24.6	0.5
C7	12 Feb 2024	13	14.51	84.49	7.1	33.15	8.2	24.7	0.45
C7	12 Feb 2024	14	14.27	84.62	7.0	33.18	8.1	24.7	0.41
C7	12 Feb 2024	15	13.81	85.53	6.8	33.22	8.1	24.9	0.39
C7	12 Feb 2024	16	13.48	86.72	6.6	33.25	8.1	24.9	0.35
C7	12 Feb 2024	17	13.14	87.54	6.4	33.27	8.1	25.0	0.31
C7	12 Feb 2024	18	13.15	86.25	6.4	33.27	8.1	25.0	0.26
C7	27 Feb 2024	1	15.48	86.82	9.0	32.90	8.2	24.2	2.31
C7	27 Feb 2024	2	15.48	86.33	9.0	32.90	8.2	24.3	2.67
C7	27 Feb 2024	3	15.44	85.21	8.8	32.92	8.2	24.3	3.71
C7	27 Feb 2024	4	15.34	83.94	8.4	32.95	8.2	24.3	2.73
C7	27 Feb 2024	5	14.97	87.42	7.8	33.04	8.1	24.5	1.96
C7	27 Feb 2024	6	14.87	89.12	7.6	33.04	8.1	24.5	1.57
C7	27 Feb 2024	7	14.79	90.31	7.6	33.06	8.1	24.5	1.25
C7	27 Feb 2024	8	14.71	90.54	7.3	33.07	8.1	24.5	1.03
C7	27 Feb 2024	9	14.19	92.22	6.8	33.14	8.1	24.7	0.63
C7	27 Feb 2024	10	13.90	93.22	6.5	33.16	8.0	24.8	0.34
C7	27 Feb 2024	11	13.70	93.44	6.5	33.18	8.0	24.8	0.34
C7	27 Feb 2024	12	13.61	93.60	6.4	33.19	8.0	24.9	0.3
C7	27 Feb 2024	13	13.59	93.57	6.4	33.20	8.0	24.9	0.29
C7	27 Feb 2024	14	13.59	93.34	6.4	33.20	8.0	24.9	0.29
C7	27 Feb 2024	15	13.58	93.31	6.4	33.20	8.0	24.9	0.29
C7	27 Feb 2024	16	13.57	93.24	6.4	33.20	8.0	24.9	0.32
C7	27 Feb 2024	17	13.57	93.35	6.4	33.20	8.0	24.9	0.3
C7	27 Feb 2024	18	13.57	93.39	6.3	33.20	8.0	24.9	0.31
C8	09 Feb 2024	1	14.61	57.87	8.1	31.82	8.2	23.6	NA
C8	09 Feb 2024	2	14.58	57.29	8.1	31.75	8.2	23.6	NA
C8	09 Feb 2024	3	14.75	57.83	8.1	32.12	8.2	23.8	NA
C8	09 Feb 2024	4	15.02	62.67	7.9	32.85	8.2	24.3	NA
C8	09 Feb 2024	5	15.08	77.07	7.9	33.08	8.2	24.5	NA
C8	09 Feb 2024	6	15.10	78.43	7.9	33.10	8.2	24.5	NA
C8	09 Feb 2024	7	15.08	84.34	7.8	33.10	8.2	24.5	NA
C8	09 Feb 2024	8	15.05	88.73	7.8	33.10	8.2	24.5	NA
C8	09 Feb 2024	9	15.03	89.60	7.8	33.10	8.2	24.5	NA
C8	09 Feb 2024	10	15.01	90.43	7.8	33.10	8.2	24.5	NA
C8	09 Feb 2024	11	15.00	91.10	7.8	33.10	8.2	24.5	NA
C8	09 Feb 2024	12	15.00	91.42	7.8	33.10	8.2	24.5	NA
C8	09 Feb 2024	13	15.00	91.64	7.8	33.11	8.2	24.5	NA
C8	09 Feb 2024	14	15.00	91.80	7.8	33.11	8.2	24.5	NA

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C8	09 Feb 2024	15	14.99	90.99	7.7	33.12	8.2	24.5	NA
C8	09 Feb 2024	16	14.94	90.19	7.6	33.13	8.2	24.5	NA
C8	09 Feb 2024	17	14.88	87.25	7.4	33.14	8.2	24.6	NA
C8	09 Feb 2024	18	14.86	83.00	7.4	33.14	8.2	24.6	NA
C8	09 Feb 2024	19	14.84	80.61	7.6	33.15	8.2	24.6	NA
C8	09 Feb 2024	20	14.83	78.11	7.5	33.15	8.2	24.6	NA
C8	12 Feb 2024	1	14.80	86.15	7.0	32.91	8.2	24.4	0.7
C8	12 Feb 2024	2	14.82	85.96	7.3	32.90	8.2	24.4	0.77
C8	12 Feb 2024	3	14.89	86.77	7.6	32.89	8.2	24.4	0.81
C8	12 Feb 2024	4	14.94	89.92	7.5	32.99	8.2	24.4	0.88
C8	12 Feb 2024	5	14.92	93.17	7.6	33.07	8.2	24.5	1.03
C8	12 Feb 2024	6	14.84	94.47	7.7	33.14	8.2	24.6	1.12
C8	12 Feb 2024	7	14.79	94.36	7.6	33.14	8.2	24.6	1.13
C8	12 Feb 2024	8	14.74	93.51	7.5	33.14	8.2	24.6	0.88
C8	12 Feb 2024	9	14.68	92.25	7.4	33.15	8.2	24.6	0.77
C8	12 Feb 2024	10	14.67	91.77	7.4	33.14	8.2	24.6	0.67
C8	12 Feb 2024	11	14.64	91.68	7.3	33.15	8.2	24.6	0.6
C8	12 Feb 2024	12	14.60	91.38	7.3	33.15	8.2	24.6	0.57
C8	12 Feb 2024	13	14.56	89.71	7.2	33.15	8.2	24.6	0.55
C8	12 Feb 2024	14	14.51	87.21	7.2	33.16	8.2	24.7	0.55
C8	12 Feb 2024	15	14.51	86.66	7.2	33.16	8.1	24.7	0.51
C8	12 Feb 2024	16	14.52	86.88	7.2	33.16	8.1	24.7	0.49
C8	12 Feb 2024	17	14.52	86.67	7.2	33.16	8.1	24.7	0.47
C8	12 Feb 2024	18	14.50	86.60	7.2	33.16	8.1	24.7	0.49
C8	12 Feb 2024	19	14.44	87.88	7.1	33.17	8.1	24.7	0.49
C8	12 Feb 2024	20	14.42	86.52	7.1	33.17	8.1	24.7	0.49
C8	27 Feb 2024	1	15.56	90.57	9.1	32.88	8.2	24.2	1.07
C8	27 Feb 2024	2	15.55	90.47	9.1	32.88	8.2	24.2	1.26
C8	27 Feb 2024	3	15.53	90.10	9.1	32.88	8.2	24.2	2.06
C8	27 Feb 2024	4	15.53	89.14	9.1	32.88	8.2	24.2	2.63
C8	27 Feb 2024	5	15.53	88.73	9.1	32.88	8.2	24.2	2.98
C8	27 Feb 2024	6	15.52	87.95	9.1	32.88	8.2	24.2	3.89
C8	27 Feb 2024	7	15.49	87.34	8.8	32.89	8.2	24.2	4.93
C8	27 Feb 2024	8	15.42	85.06	8.6	32.92	8.2	24.3	4.29
C8	27 Feb 2024	9	15.30	85.86	8.3	32.96	8.2	24.3	3.29
C8	27 Feb 2024	10	15.20	87.56	8.2	32.98	8.2	24.4	2.56
C8	27 Feb 2024	11	15.13	89.04	8.1	32.99	8.2	24.4	2.17
C8	27 Feb 2024	12	15.07	89.92	8.0	33.00	8.2	24.4	1.85
C8	27 Feb 2024	13	15.02	90.66	7.9	33.01	8.1	24.4	1.66
C8	27 Feb 2024	14	14.99	90.93	7.9	33.03	8.1	24.5	1.48
C8	27 Feb 2024	15	14.95	91.25	7.8	33.04	8.1	24.5	1.36
C8	27 Feb 2024	16	14.83	92.12	7.6	33.07	8.1	24.5	1.33
C8	27 Feb 2024	17	14.63	92.92	7.1	33.09	8.1	24.6	1.21
C8	27 Feb 2024	18	14.03	93.35	6.7	33.17	8.1	24.8	1.06
C8	27 Feb 2024	19	13.72	93.61	6.4	33.19	8.0	24.8	0.63
C8	27 Feb 2024	20	13.70	93.53	6.4	33.19	8.0	24.8	0.47

NA = not available

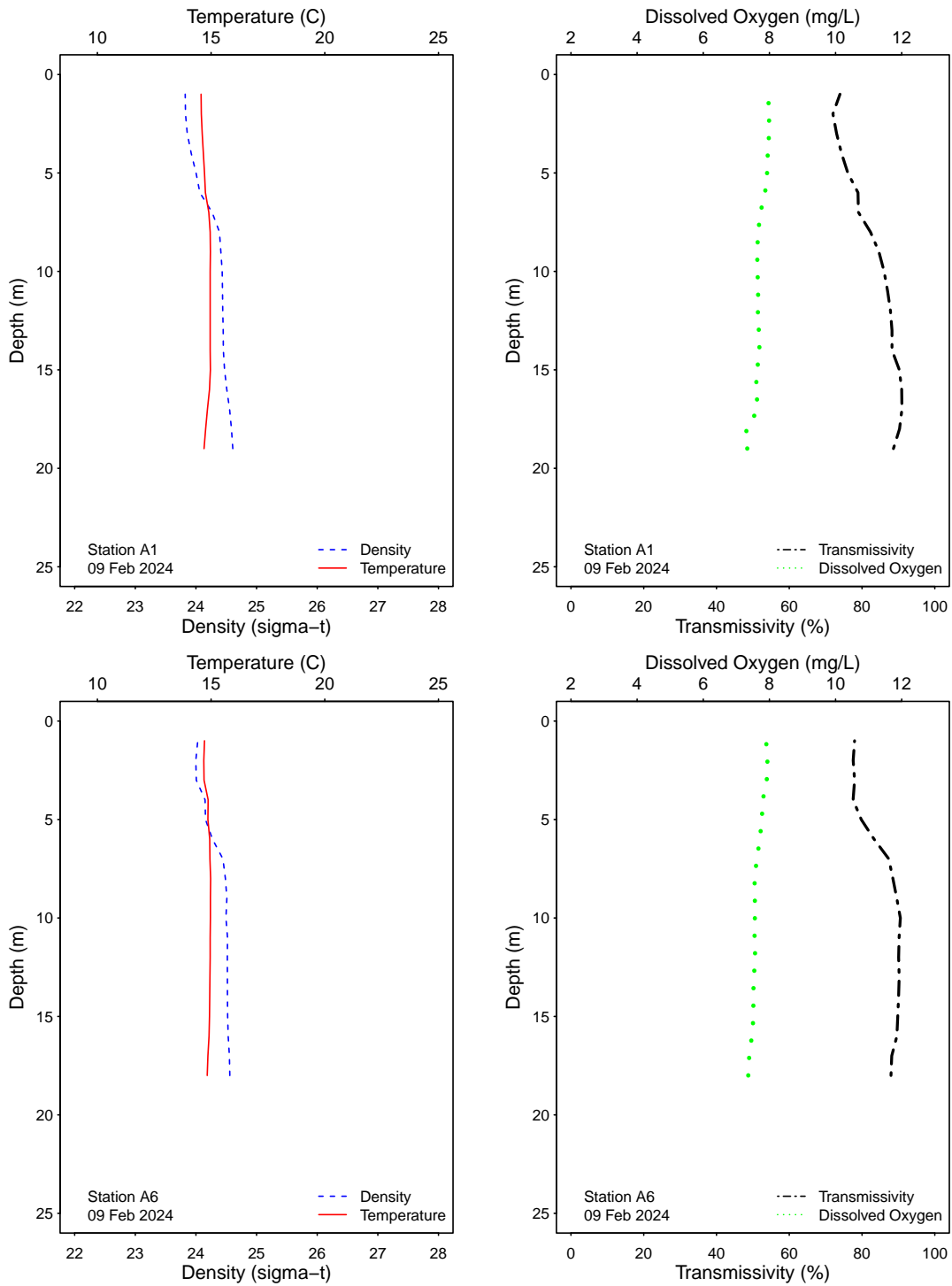


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.



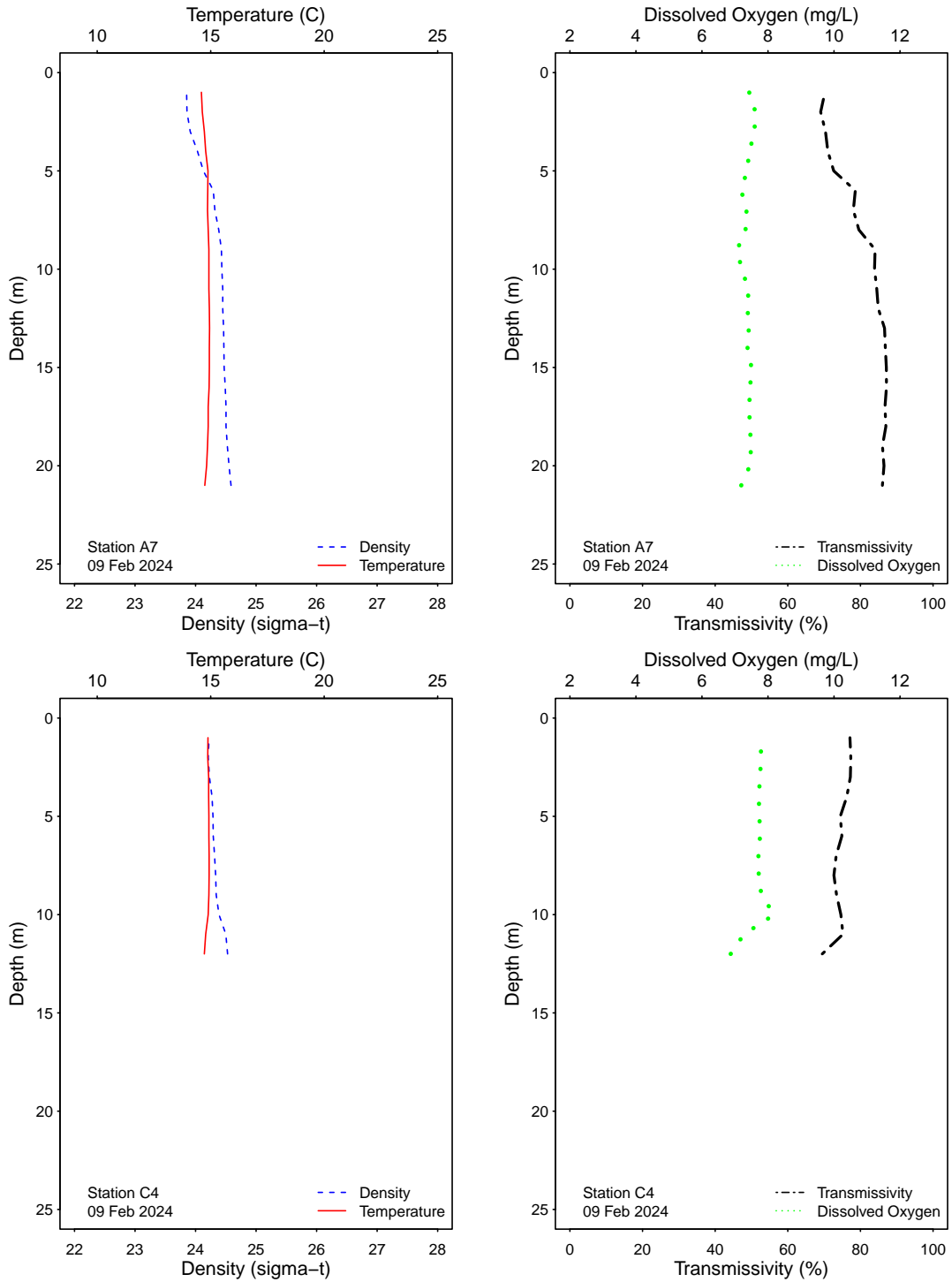


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

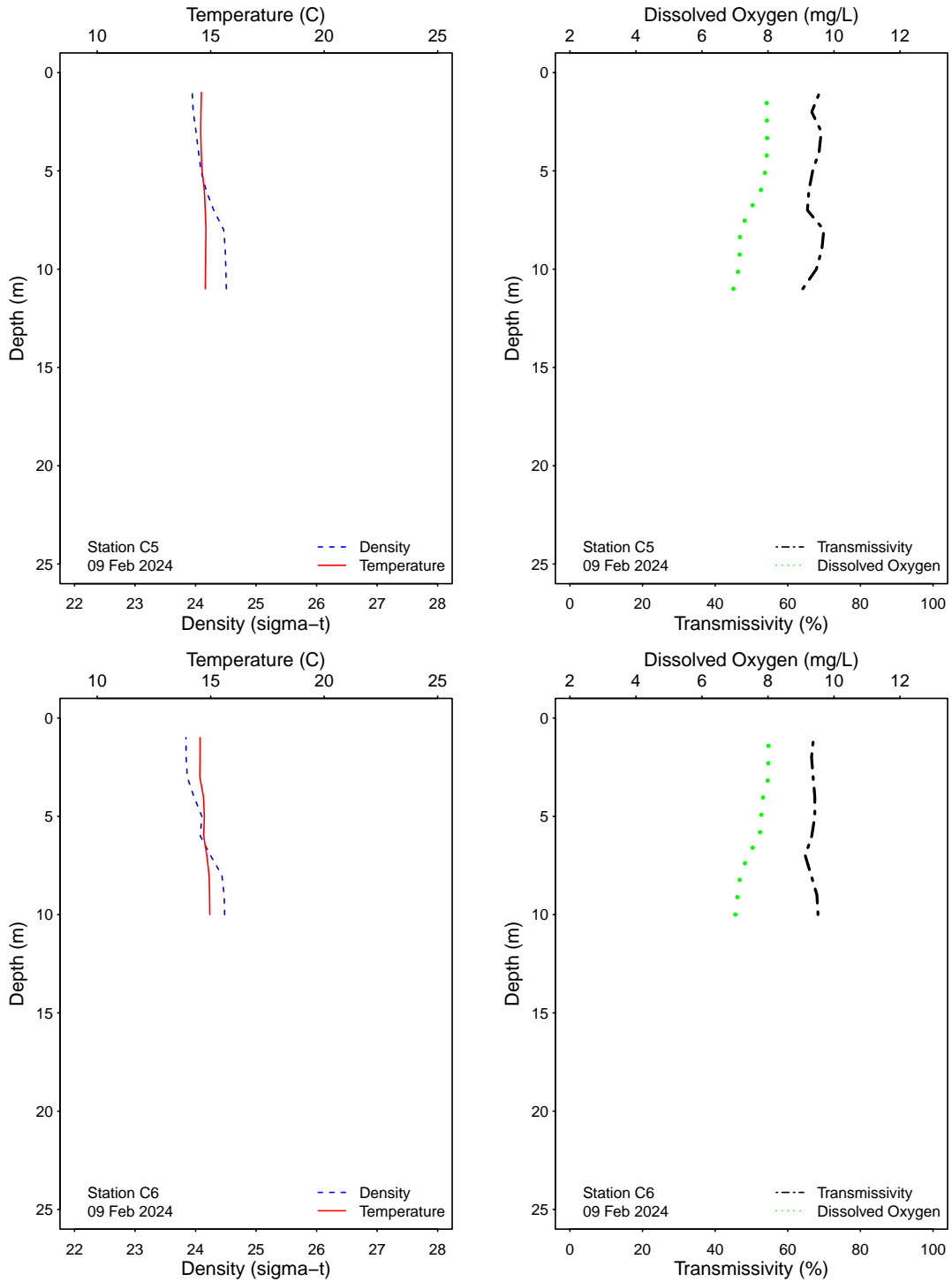


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

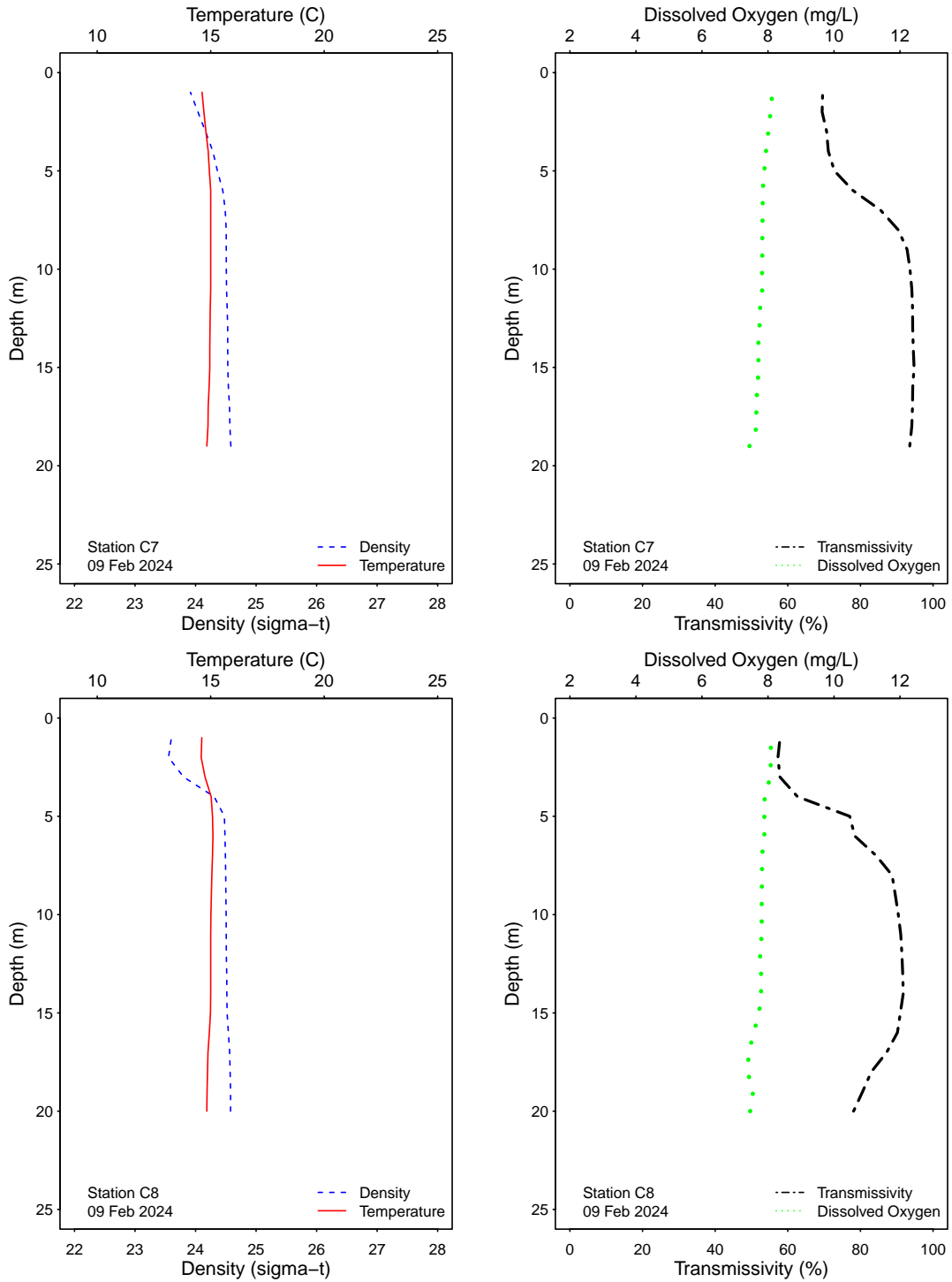


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

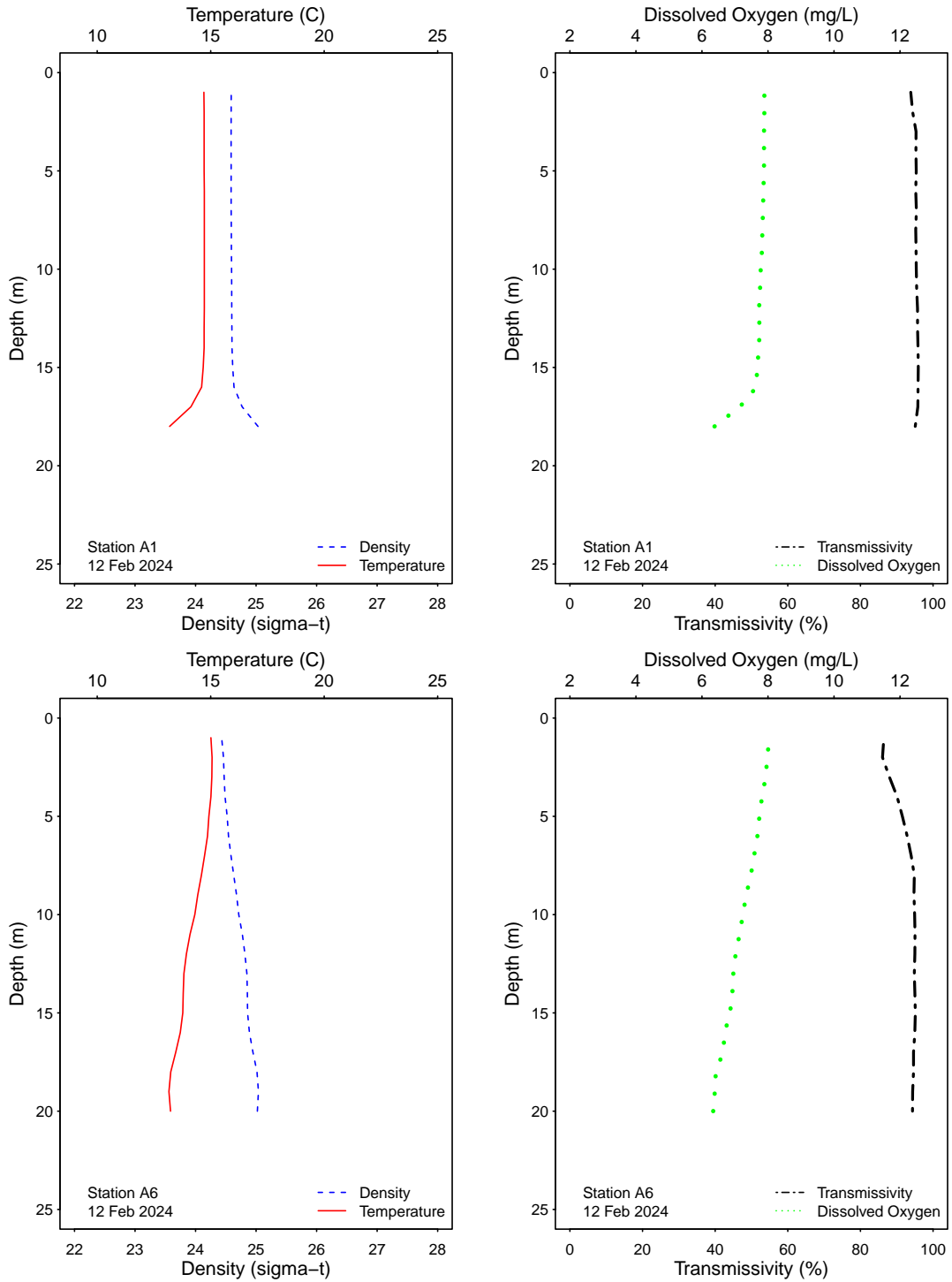


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

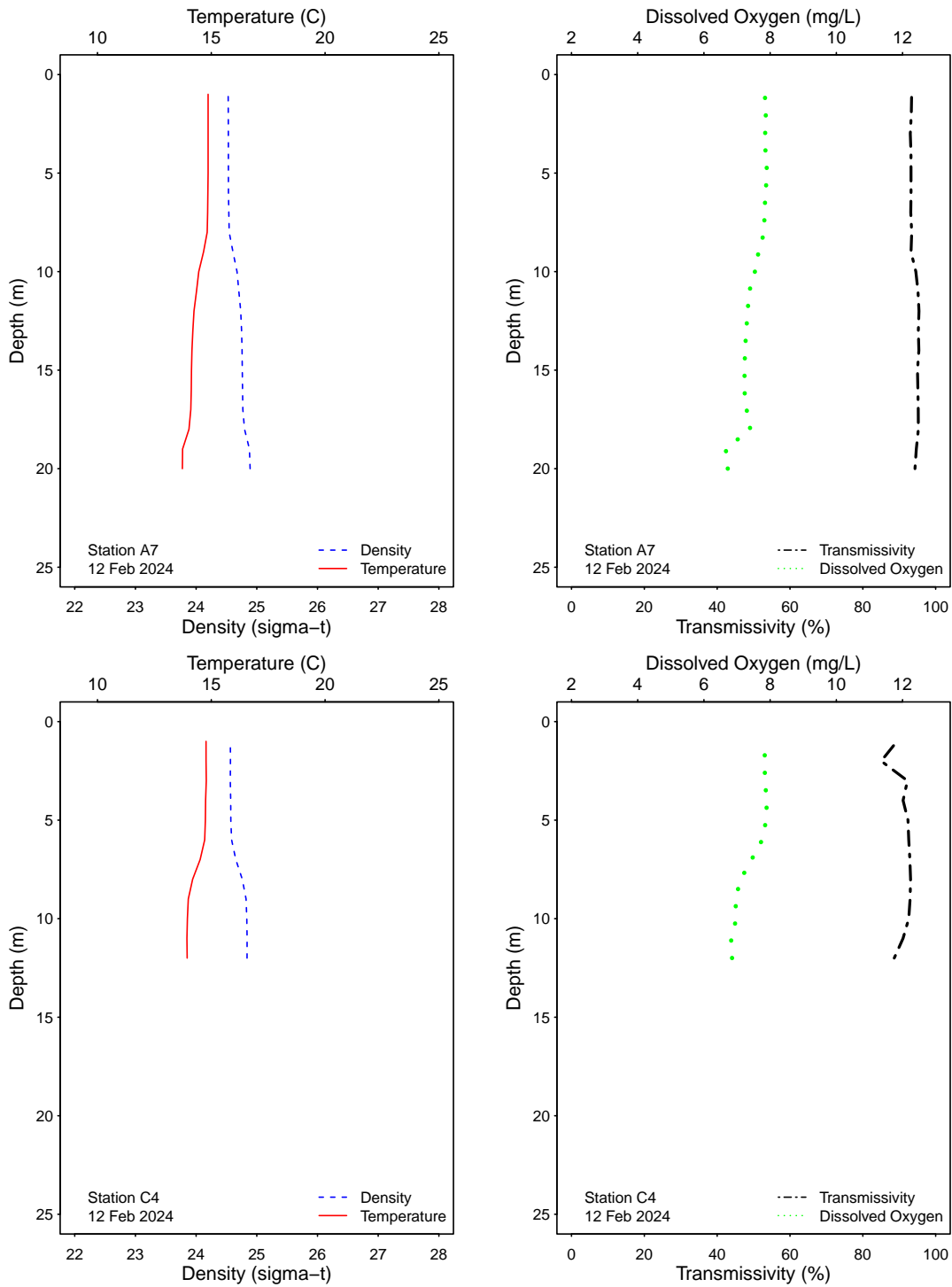


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

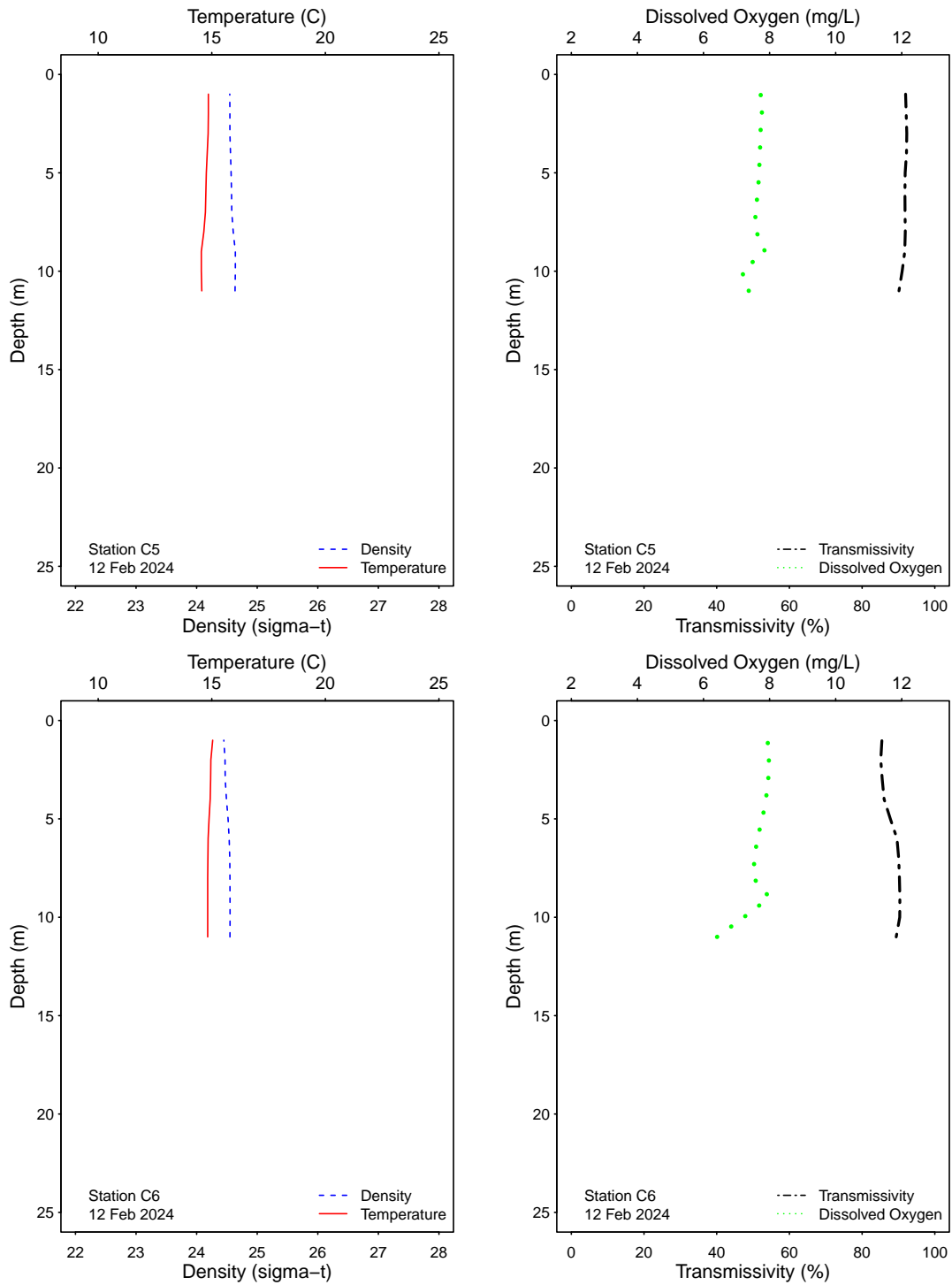


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

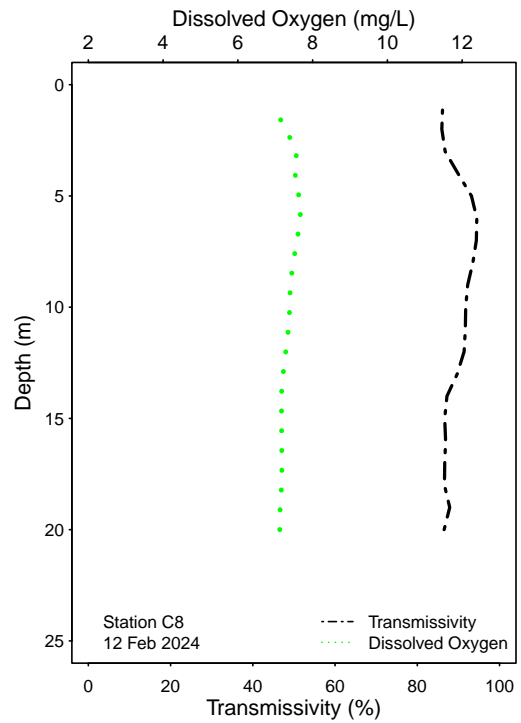
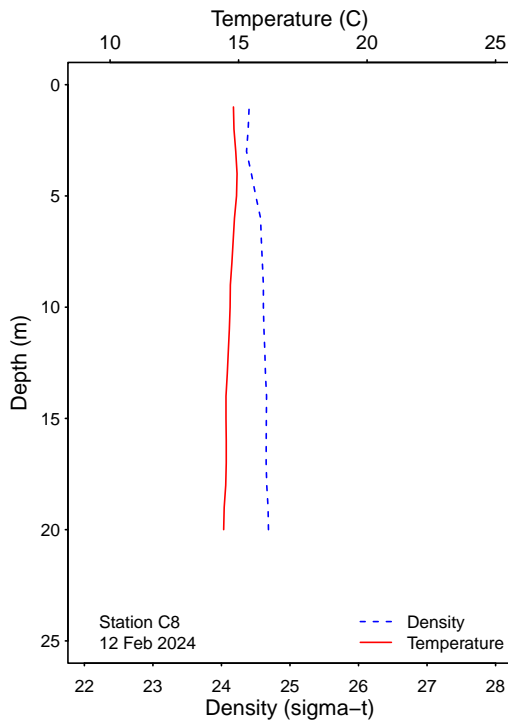
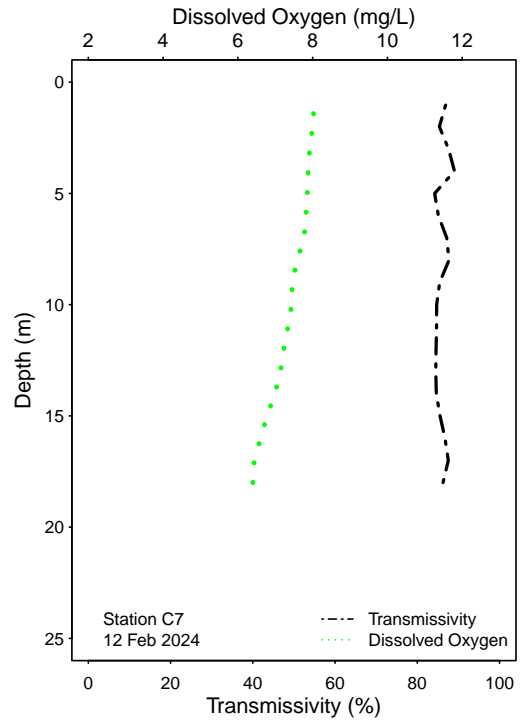
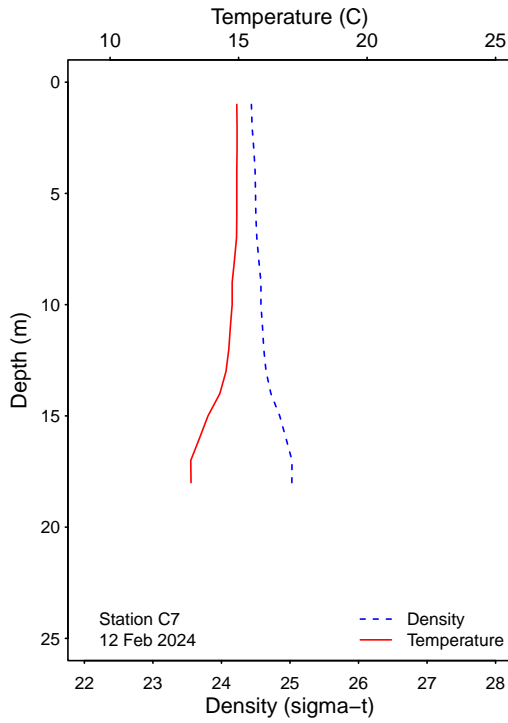


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

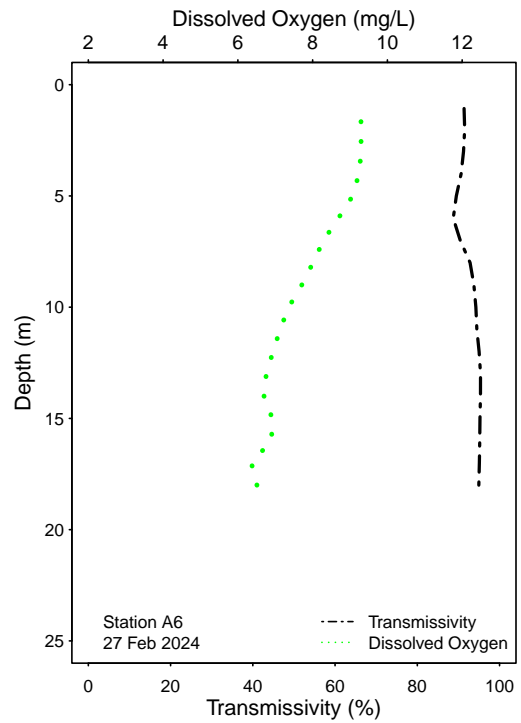
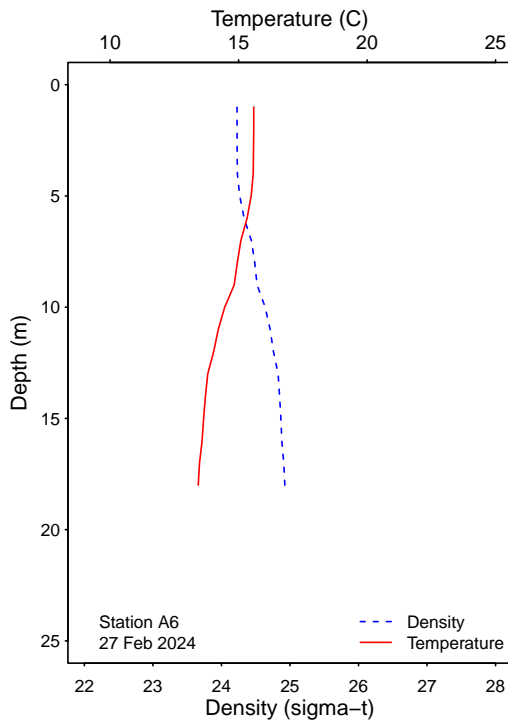
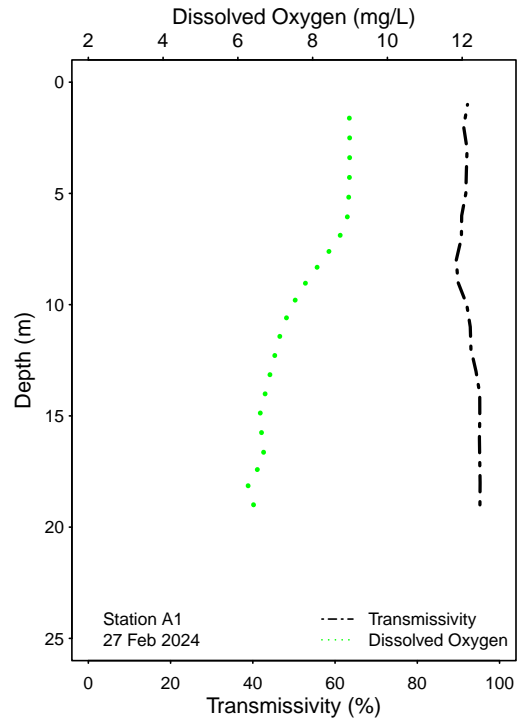
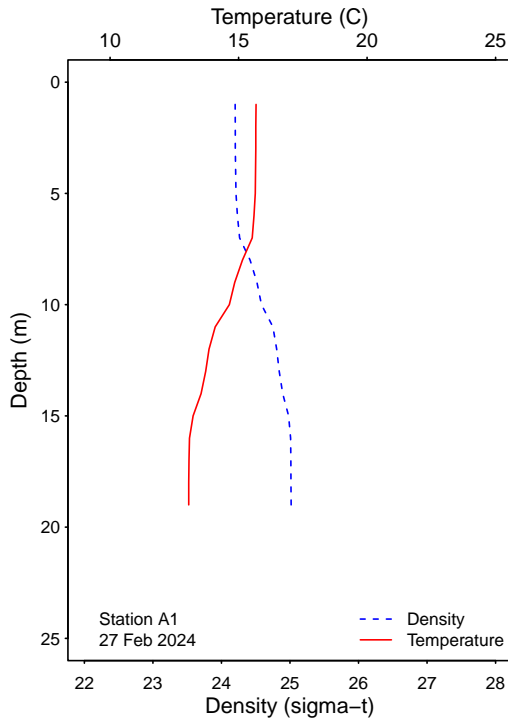


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.



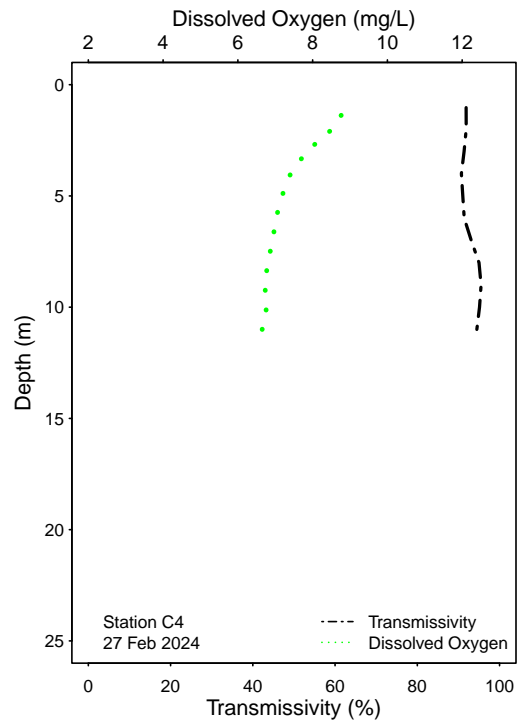
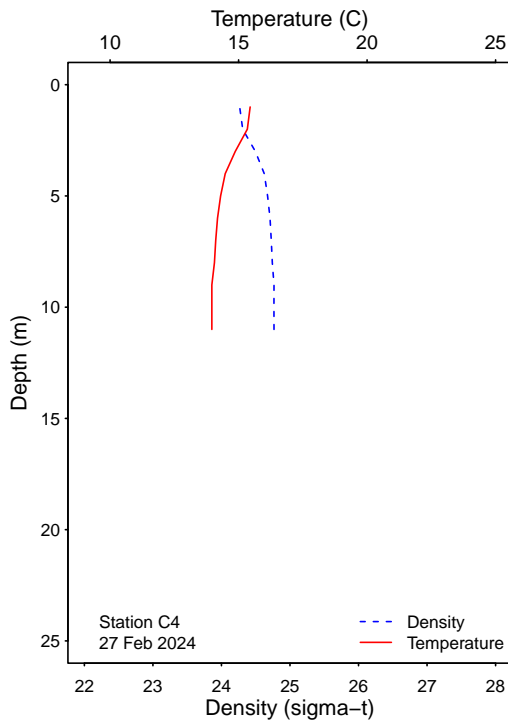
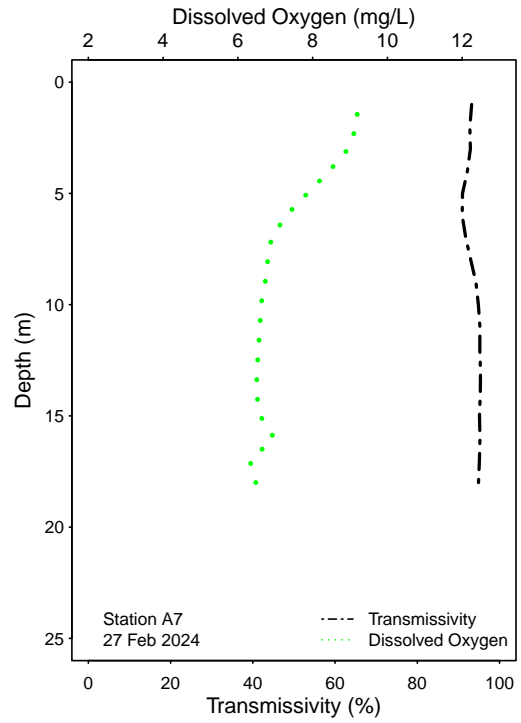
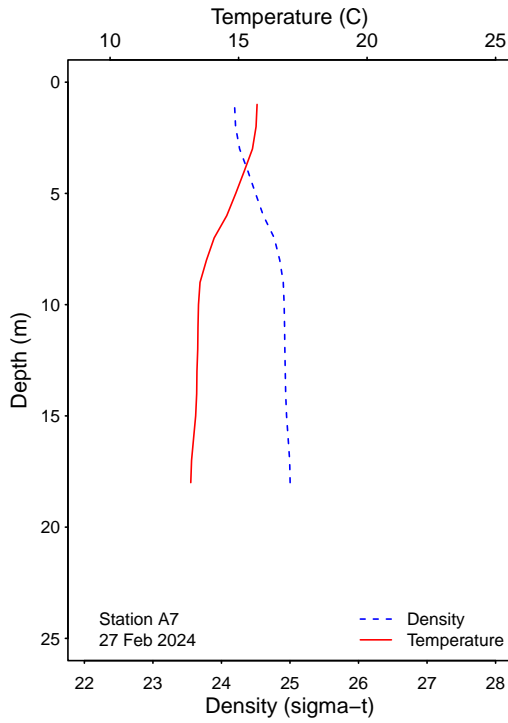


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

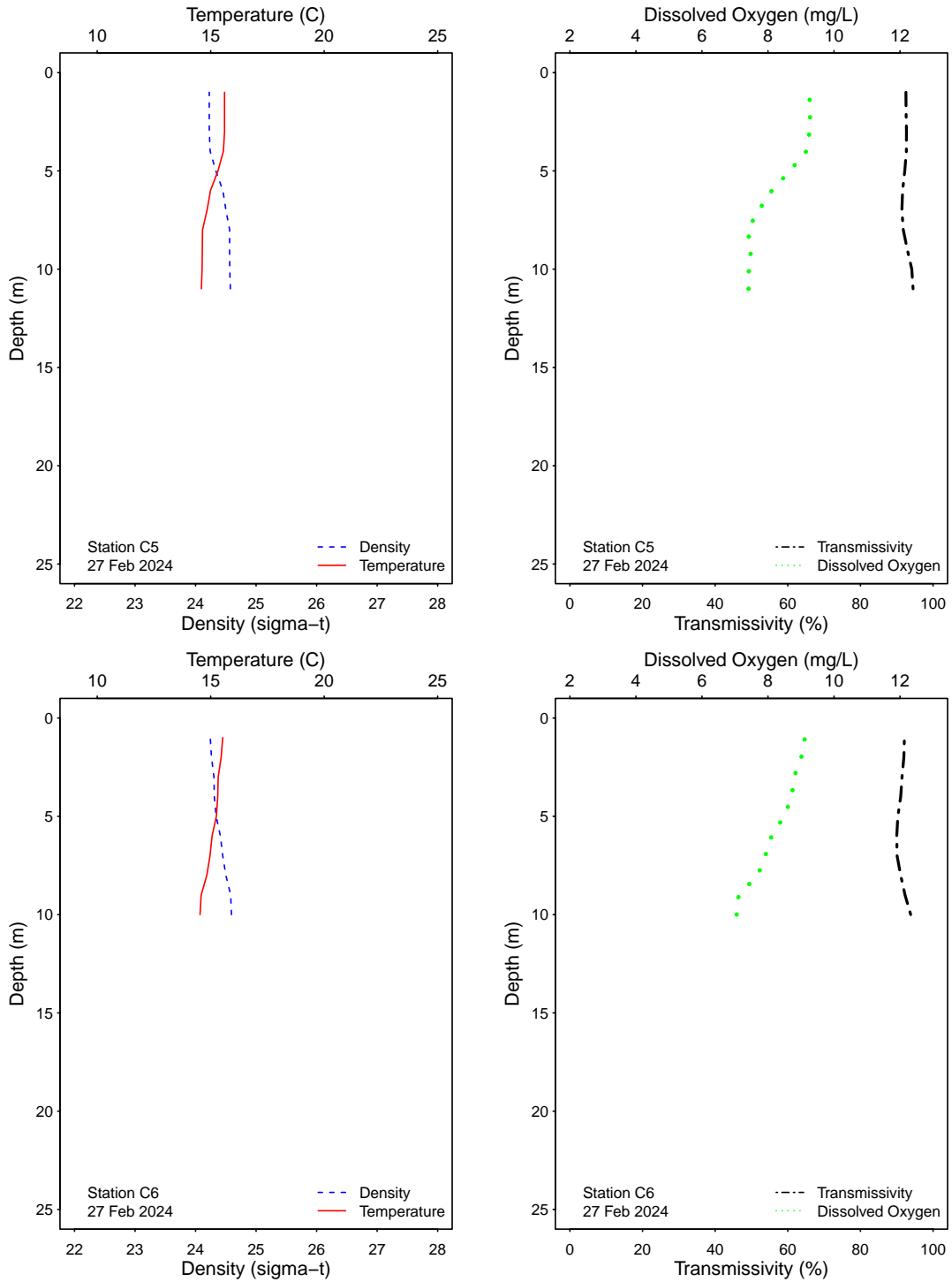


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

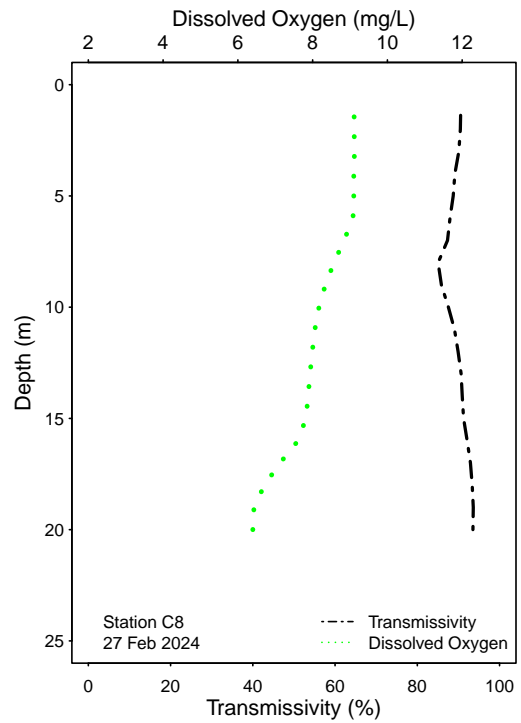
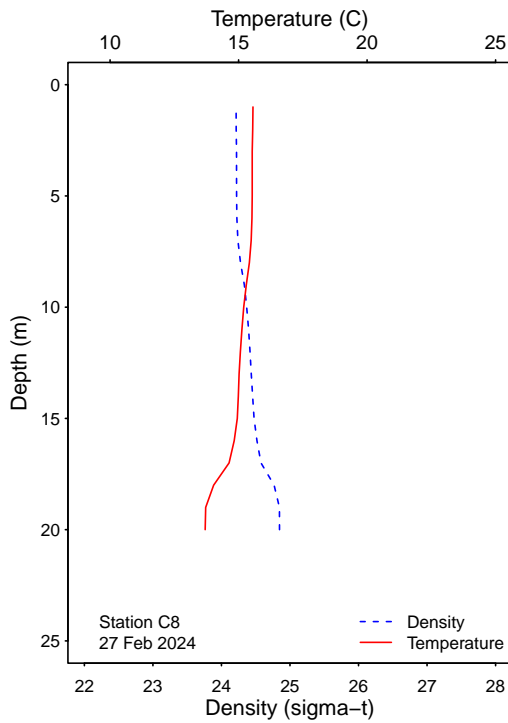
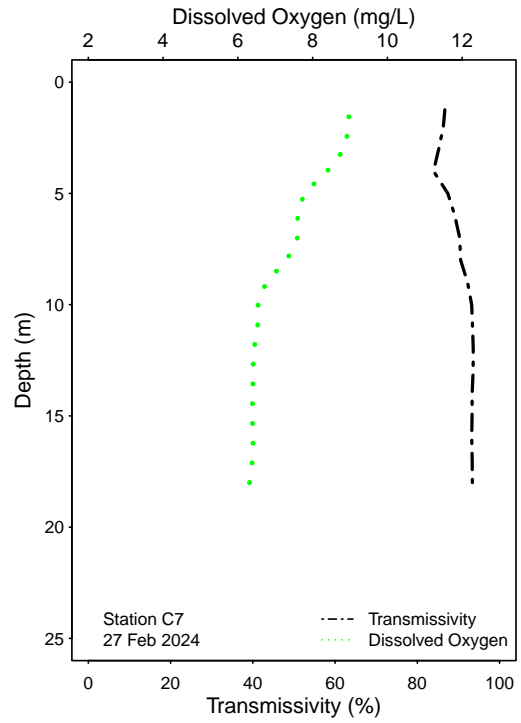
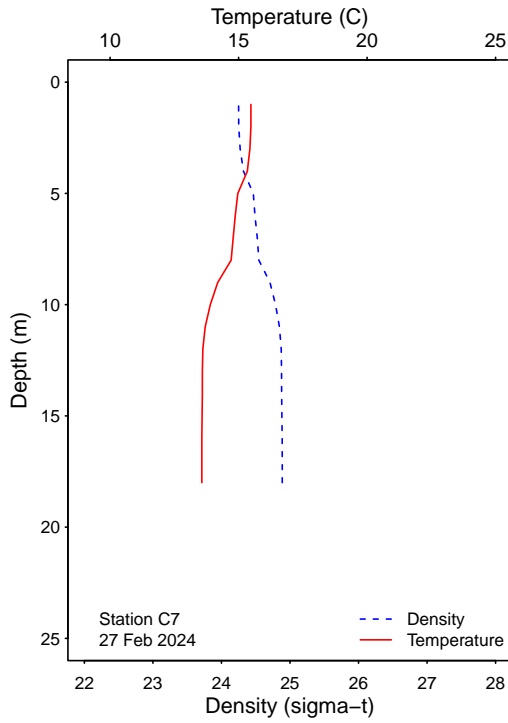


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

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# Offshore Stations



### Table 4.1

Summary of compliance at the PLOO offshore 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 in more than 10% of samples per month.

Date	F01	F02	F03	F06	F07	F08	F09	F10	F11	F12	F13	F14	F18	F19	F20
14 Feb 2024	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	ns	ns	ns
15 Feb 2024	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	E	E	E

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

**Table 4.2**

Summary of water quality parameters at the PLOO offshore stations for each sample date. Densities of total coliform (Total), fecal coliform (Fecal), and *Enterococcus* (Entero) bacteria are 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
F01	14 Feb 2024	1137	1	<2
F01	14 Feb 2024	1137	12	2e
F01	14 Feb 2024	1137	18	2e
F02	14 Feb 2024	814	1	<2
F02	14 Feb 2024	814	12	<2
F02	14 Feb 2024	814	18	<2
F03	14 Feb 2024	830	1	<2
F03	14 Feb 2024	830	12	<2
F03	14 Feb 2024	830	18	<2
F04	14 Feb 2024	1114	1	<2
F04	14 Feb 2024	1114	25	10e
F04	14 Feb 2024	1114	60	<2
F05	14 Feb 2024	1101	1	<2
F05	14 Feb 2024	1101	25	<2
F05	14 Feb 2024	1101	60	16e
F06	14 Feb 2024	1047	1	<2
F06	14 Feb 2024	1047	25	<2
F06	14 Feb 2024	1047	60	18e
F07	14 Feb 2024	1032	1	<2
F07	14 Feb 2024	1032	25	<2
F07	14 Feb 2024	1032	60	18e
F08	14 Feb 2024	1017	1	<2
F08	14 Feb 2024	1017	25	<2
F08	14 Feb 2024	1017	60	24e
F09	14 Feb 2024	1002	1	<2
F09	14 Feb 2024	1002	25	12e
F09	14 Feb 2024	1002	60	30e
F10	14 Feb 2024	948	1	<2
F10	14 Feb 2024	948	25	2e
F10	14 Feb 2024	948	60	14e
F11	14 Feb 2024	934	1	<2
F11	14 Feb 2024	934	25	<2
F11	14 Feb 2024	934	60	6e
F12	14 Feb 2024	919	1	<2
F12	14 Feb 2024	919	25	<2
F12	14 Feb 2024	919	60	22e
F13	14 Feb 2024	903	1	<2
F13	14 Feb 2024	903	25	4e
F13	14 Feb 2024	903	60	22e



Station	Date	Time	Depth	Entero
F14	14 Feb 2024	846	1	2e
F14	14 Feb 2024	846	25	<2
F14	14 Feb 2024	846	60	26e
F15	15 Feb 2024	1102	1	<2
F15	15 Feb 2024	1102	25	<2
F15	15 Feb 2024	1102	60	10e
F15	15 Feb 2024	1102	80	<2
F16	15 Feb 2024	1049	1	<2
F16	15 Feb 2024	1049	25	<2
F16	15 Feb 2024	1049	60	8e
F16	15 Feb 2024	1049	80	10e
F17	15 Feb 2024	1036	1	4e
F17	15 Feb 2024	1036	25	<2
F17	15 Feb 2024	1036	60	<2
F17	15 Feb 2024	1036	80	12e
F18	15 Feb 2024	1022	1	6e
F18	15 Feb 2024	1022	25	<2
F18	15 Feb 2024	1022	60	800e
F18	15 Feb 2024	1022	80	620
F19	15 Feb 2024	1008	1	<2
F19	15 Feb 2024	1008	25	<2
F19	15 Feb 2024	1008	60	380e
F19	15 Feb 2024	1008	80	40
F20	15 Feb 2024	952	1	<2
F20	15 Feb 2024	952	25	<2
F20	15 Feb 2024	952	60	120
F20	15 Feb 2024	952	80	22e
F21	15 Feb 2024	937	1	<2
F21	15 Feb 2024	937	25	<2
F21	15 Feb 2024	937	60	16e
F21	15 Feb 2024	937	80	4e
F22	15 Feb 2024	926	1	<2
F22	15 Feb 2024	926	25	<2
F22	15 Feb 2024	926	60	86
F22	15 Feb 2024	926	80	6e
F23	15 Feb 2024	902	1	<2
F23	15 Feb 2024	902	25	<2
F23	15 Feb 2024	902	60	70
F23	15 Feb 2024	902	80	2e
F24	15 Feb 2024	848	1	<2
F24	15 Feb 2024	848	25	<2
F24	15 Feb 2024	848	60	12e
F24	15 Feb 2024	848	80	30e
F25	15 Feb 2024	831	1	<2
F25	15 Feb 2024	831	25	<2
F25	15 Feb 2024	831	60	12e
F25	15 Feb 2024	831	80	8e
F26	13 Feb 2024	1223	1	<2

Station	Date	Time	Depth	Entero
F26	13 Feb 2024	1223	25	4e
F26	13 Feb 2024	1223	60	16e
F26	13 Feb 2024	1223	80	<2
F26	13 Feb 2024	1223	98	<2
F27	13 Feb 2024	1158	1	<2
F27	13 Feb 2024	1158	25	<2
F27	13 Feb 2024	1158	60	10e
F27	13 Feb 2024	1158	80	30e
F27	13 Feb 2024	1158	98	10e
F28	13 Feb 2024	1144	1	<2
F28	13 Feb 2024	1144	25	<2
F28	13 Feb 2024	1144	60	12e
F28	13 Feb 2024	1144	80	14e
F28	13 Feb 2024	1144	98	2e
F29	13 Feb 2024	1117	1	<2
F29	13 Feb 2024	1117	25	<2
F29	13 Feb 2024	1117	60	12e
F29	13 Feb 2024	1117	80	24e
F29	13 Feb 2024	1117	98	92
F30	13 Feb 2024	1040	1	6e
F30	13 Feb 2024	1040	25	<2
F30	13 Feb 2024	1040	60	22e
F30	13 Feb 2024	1040	80	440
F30	13 Feb 2024	1040	98	100e
F31	13 Feb 2024	1022	1	<2
F31	13 Feb 2024	1022	25	<2
F31	13 Feb 2024	1022	60	20e
F31	13 Feb 2024	1022	80	540
F31	13 Feb 2024	1022	98	24e
F32	13 Feb 2024	1007	1	<2
F32	13 Feb 2024	1007	25	<2
F32	13 Feb 2024	1007	60	2e
F32	13 Feb 2024	1007	80	24e
F32	13 Feb 2024	1007	98	6e
F33	13 Feb 2024	945	1	<2
F33	13 Feb 2024	945	25	<2
F33	13 Feb 2024	945	60	4e
F33	13 Feb 2024	945	80	10e
F33	13 Feb 2024	945	98	2e
F34	13 Feb 2024	927	1	<2
F34	13 Feb 2024	927	25	<2
F34	13 Feb 2024	927	60	4e
F34	13 Feb 2024	927	80	18e
F34	13 Feb 2024	927	98	2e
F35	13 Feb 2024	903	1	<2
F35	13 Feb 2024	903	25	<2
F35	13 Feb 2024	903	60	<2
F35	13 Feb 2024	903	80	18e
F35	13 Feb 2024	903	98	<2
F36	13 Feb 2024	843	1	<2
F36	13 Feb 2024	843	25	<2

<b>Station</b>	<b>Date</b>	<b>Time</b>	<b>Depth</b>	<b>Entero</b>
F36	13 Feb 2024	843	60	<2
F36	13 Feb 2024	843	80	<2
F36	13 Feb 2024	843	98	<2

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	14 Feb 2024	Depth (m)	20
F01	14 Feb 2024	Arrive Time	1137
F01	14 Feb 2024	Depart Time	1145
F01	14 Feb 2024	Air Temp (C)	14.1
F01	14 Feb 2024	Weather	Clear
F01	14 Feb 2024	Visibility (mi)	10
F01	14 Feb 2024	Wind Speed (kts)	1.6
F01	14 Feb 2024	Wind Dir	W
F01	14 Feb 2024	Water Color	Green
F01	14 Feb 2024	Wave Height Low (ft)	4
F01	14 Feb 2024	Wave Period (sec)	14
F01	14 Feb 2024	Sea State	Regular Swell
F01	14 Feb 2024	High Tide (ft)	5.01
F01	14 Feb 2024	High Tide Time	6
F01	14 Feb 2024	Low Tide (ft)	0.75
F01	14 Feb 2024	Low Tide Time	624
F01	14 Feb 2024	Comments	
F02	14 Feb 2024	Depth (m)	18
F02	14 Feb 2024	Arrive Time	814
F02	14 Feb 2024	Depart Time	822
F02	14 Feb 2024	Air Temp (C)	11.6
F02	14 Feb 2024	Weather	Clear
F02	14 Feb 2024	Visibility (mi)	10
F02	14 Feb 2024	Wind Speed (kts)	4.1
F02	14 Feb 2024	Wind Dir	N
F02	14 Feb 2024	Water Color	Green
F02	14 Feb 2024	Wave Height Low (ft)	4
F02	14 Feb 2024	Wave Period (sec)	14
F02	14 Feb 2024	Sea State	Light Chop
F02	14 Feb 2024	High Tide (ft)	5.01
F02	14 Feb 2024	High Tide Time	6
F02	14 Feb 2024	Low Tide (ft)	0.75
F02	14 Feb 2024	Low Tide Time	624
F02	14 Feb 2024	Comments	
F03	14 Feb 2024	Depth (m)	19
F03	14 Feb 2024	Arrive Time	830
F03	14 Feb 2024	Depart Time	837
F03	14 Feb 2024	Air Temp (C)	11.4
F03	14 Feb 2024	Weather	Clear
F03	14 Feb 2024	Visibility (mi)	10
F03	14 Feb 2024	Wind Speed (kts)	4.7
F03	14 Feb 2024	Wind Dir	NE
F03	14 Feb 2024	Water Color	Blueish-Green
F03	14 Feb 2024	Wave Height Low (ft)	4
F03	14 Feb 2024	Wave Period (sec)	14
F03	14 Feb 2024	Sea State	Light Chop
F03	14 Feb 2024	High Tide (ft)	5.01
F03	14 Feb 2024	High Tide Time	6
F03	14 Feb 2024	Low Tide (ft)	0.75
F03	14 Feb 2024	Low Tide Time	624
F03	14 Feb 2024	Comments	
F04	14 Feb 2024	Depth (m)	61
F04	14 Feb 2024	Arrive Time	1114

Station	Date	Parameter	Value
F04	14 Feb 2024	Depart Time	1120
F04	14 Feb 2024	Air Temp (C)	14.2
F04	14 Feb 2024	Weather	Clear
F04	14 Feb 2024	Visibility (mi)	10
F04	14 Feb 2024	Wind Speed (kts)	0.0
F04	14 Feb 2024	Wind Dir	W
F04	14 Feb 2024	Water Color	Blue
F04	14 Feb 2024	Wave Height Low (ft)	4
F04	14 Feb 2024	Wave Period (sec)	14
F04	14 Feb 2024	Sea State	Regular Swell
F04	14 Feb 2024	High Tide (ft)	5.01
F04	14 Feb 2024	High Tide Time	6
F04	14 Feb 2024	Low Tide (ft)	0.75
F04	14 Feb 2024	Low Tide Time	624
F04	14 Feb 2024	Comments	
F05	14 Feb 2024	Depth (m)	61
F05	14 Feb 2024	Arrive Time	1101
F05	14 Feb 2024	Depart Time	1107
F05	14 Feb 2024	Air Temp (C)	13.8
F05	14 Feb 2024	Weather	Clear
F05	14 Feb 2024	Visibility (mi)	10
F05	14 Feb 2024	Wind Speed (kts)	1.9
F05	14 Feb 2024	Wind Dir	NE
F05	14 Feb 2024	Water Color	Blue
F05	14 Feb 2024	Wave Height Low (ft)	4
F05	14 Feb 2024	Wave Period (sec)	14
F05	14 Feb 2024	Sea State	Regular Swell
F05	14 Feb 2024	High Tide (ft)	5.01
F05	14 Feb 2024	High Tide Time	6
F05	14 Feb 2024	Low Tide (ft)	0.75
F05	14 Feb 2024	Low Tide Time	624
F05	14 Feb 2024	Comments	
F06	14 Feb 2024	Depth (m)	61
F06	14 Feb 2024	Arrive Time	1047
F06	14 Feb 2024	Depart Time	1054
F06	14 Feb 2024	Air Temp (C)	13.5
F06	14 Feb 2024	Weather	Clear
F06	14 Feb 2024	Visibility (mi)	10
F06	14 Feb 2024	Wind Speed (kts)	2.0
F06	14 Feb 2024	Wind Dir	E
F06	14 Feb 2024	Water Color	Greenish-Blue
F06	14 Feb 2024	Wave Height Low (ft)	4
F06	14 Feb 2024	Wave Period (sec)	14
F06	14 Feb 2024	Sea State	Regular Swell
F06	14 Feb 2024	High Tide (ft)	5.01
F06	14 Feb 2024	High Tide Time	6
F06	14 Feb 2024	Low Tide (ft)	0.75
F06	14 Feb 2024	Low Tide Time	624
F06	14 Feb 2024	Comments	
F07	14 Feb 2024	Depth (m)	63
F07	14 Feb 2024	Arrive Time	1032
F07	14 Feb 2024	Depart Time	1039
F07	14 Feb 2024	Air Temp (C)	13.3
F07	14 Feb 2024	Weather	Clear
F07	14 Feb 2024	Visibility (mi)	10
F07	14 Feb 2024	Wind Speed (kts)	2.7
F07	14 Feb 2024	Wind Dir	E
F07	14 Feb 2024	Water Color	Green

Station	Date	Parameter	Value
F07	14 Feb 2024	Wave Height Low (ft)	4
F07	14 Feb 2024	Wave Period (sec)	14
F07	14 Feb 2024	Sea State	Regular Swell
F07	14 Feb 2024	High Tide (ft)	5.01
F07	14 Feb 2024	High Tide Time	6
F07	14 Feb 2024	Low Tide (ft)	0.75
F07	14 Feb 2024	Low Tide Time	624
F07	14 Feb 2024	Comments	
F08	14 Feb 2024	Depth (m)	64
F08	14 Feb 2024	Arrive Time	1017
F08	14 Feb 2024	Depart Time	1027
F08	14 Feb 2024	Air Temp (C)	13.7
F08	14 Feb 2024	Weather	Clear
F08	14 Feb 2024	Visibility (mi)	10
F08	14 Feb 2024	Wind Speed (kts)	2.2
F08	14 Feb 2024	Wind Dir	E
F08	14 Feb 2024	Water Color	Green
F08	14 Feb 2024	Wave Height Low (ft)	4
F08	14 Feb 2024	Wave Period (sec)	14
F08	14 Feb 2024	Sea State	Regular Swell
F08	14 Feb 2024	High Tide (ft)	5.01
F08	14 Feb 2024	High Tide Time	6
F08	14 Feb 2024	Low Tide (ft)	0.75
F08	14 Feb 2024	Low Tide Time	624
F08	14 Feb 2024	Comments	
F09	14 Feb 2024	Depth (m)	61
F09	14 Feb 2024	Arrive Time	1002
F09	14 Feb 2024	Depart Time	1010
F09	14 Feb 2024	Air Temp (C)	13.8
F09	14 Feb 2024	Weather	Clear
F09	14 Feb 2024	Visibility (mi)	10
F09	14 Feb 2024	Wind Speed (kts)	0.0
F09	14 Feb 2024	Wind Dir	E
F09	14 Feb 2024	Water Color	Green
F09	14 Feb 2024	Wave Height Low (ft)	4
F09	14 Feb 2024	Wave Period (sec)	14
F09	14 Feb 2024	Sea State	Regular Swell
F09	14 Feb 2024	High Tide (ft)	5.01
F09	14 Feb 2024	High Tide Time	6
F09	14 Feb 2024	Low Tide (ft)	0.75
F09	14 Feb 2024	Low Tide Time	624
F09	14 Feb 2024	Comments	Seagrass
F10	14 Feb 2024	Depth (m)	60
F10	14 Feb 2024	Arrive Time	948
F10	14 Feb 2024	Depart Time	957
F10	14 Feb 2024	Air Temp (C)	13.5
F10	14 Feb 2024	Weather	Clear
F10	14 Feb 2024	Visibility (mi)	10
F10	14 Feb 2024	Wind Speed (kts)	1.0
F10	14 Feb 2024	Wind Dir	SW
F10	14 Feb 2024	Water Color	Green
F10	14 Feb 2024	Wave Height Low (ft)	4
F10	14 Feb 2024	Wave Period (sec)	14
F10	14 Feb 2024	Sea State	Regular Swell
F10	14 Feb 2024	High Tide (ft)	5.01
F10	14 Feb 2024	High Tide Time	6
F10	14 Feb 2024	Low Tide (ft)	0.75
F10	14 Feb 2024	Low Tide Time	624

Station	Date	Parameter	Value
F10	14 Feb 2024	Comments	Kelp Debris
F11	14 Feb 2024	Depth (m)	60
F11	14 Feb 2024	Arrive Time	934
F11	14 Feb 2024	Depart Time	941
F11	14 Feb 2024	Air Temp (C)	13.6
F11	14 Feb 2024	Weather	Clear
F11	14 Feb 2024	Visibility (mi)	10
F11	14 Feb 2024	Wind Speed (kts)	0.0
F11	14 Feb 2024	Wind Dir	SE
F11	14 Feb 2024	Water Color	Green
F11	14 Feb 2024	Wave Height Low (ft)	4
F11	14 Feb 2024	Wave Period (sec)	14
F11	14 Feb 2024	Sea State	Regular Swell
F11	14 Feb 2024	High Tide (ft)	5.01
F11	14 Feb 2024	High Tide Time	6
F11	14 Feb 2024	Low Tide (ft)	0.75
F11	14 Feb 2024	Low Tide Time	624
F11	14 Feb 2024	Comments	
F12	14 Feb 2024	Depth (m)	60
F12	14 Feb 2024	Arrive Time	919
F12	14 Feb 2024	Depart Time	926
F12	14 Feb 2024	Air Temp (C)	13
F12	14 Feb 2024	Weather	Clear
F12	14 Feb 2024	Visibility (mi)	10
F12	14 Feb 2024	Wind Speed (kts)	4
F12	14 Feb 2024	Wind Dir	200
F12	14 Feb 2024	Water Color	Green
F12	14 Feb 2024	Wave Height Low (ft)	4
F12	14 Feb 2024	Wave Period (sec)	14
F12	14 Feb 2024	Sea State	Regular Swell
F12	14 Feb 2024	High Tide (ft)	5.01
F12	14 Feb 2024	High Tide Time	6
F12	14 Feb 2024	Low Tide (ft)	0.75
F12	14 Feb 2024	Low Tide Time	624
F12	14 Feb 2024	Comments	
F13	14 Feb 2024	Depth (m)	60
F13	14 Feb 2024	Arrive Time	903
F13	14 Feb 2024	Depart Time	913
F13	14 Feb 2024	Air Temp (C)	12.7
F13	14 Feb 2024	Weather	Clear
F13	14 Feb 2024	Visibility (mi)	10
F13	14 Feb 2024	Wind Speed (kts)	3.9
F13	14 Feb 2024	Wind Dir	E
F13	14 Feb 2024	Water Color	Brownish-Green
F13	14 Feb 2024	Wave Height Low (ft)	4
F13	14 Feb 2024	Wave Period (sec)	14
F13	14 Feb 2024	Sea State	Regular Swell
F13	14 Feb 2024	High Tide (ft)	5.01
F13	14 Feb 2024	High Tide Time	6
F13	14 Feb 2024	Low Tide (ft)	0.75
F13	14 Feb 2024	Low Tide Time	624
F13	14 Feb 2024	Comments	OA 1m Btl# JA11605-1 Nsk# 5;OA 60m Btl# JA11606-1 Nsk# 4;
F14	14 Feb 2024	Depth (m)	60
F14	14 Feb 2024	Arrive Time	846
F14	14 Feb 2024	Depart Time	853
F14	14 Feb 2024	Air Temp (C)	12.0

Station	Date	Parameter	Value
F14	14 Feb 2024	Weather	Clear
F14	14 Feb 2024	Visibility (mi)	10
F14	14 Feb 2024	Wind Speed (kts)	5.7
F14	14 Feb 2024	Wind Dir	NE
F14	14 Feb 2024	Water Color	Blue
F14	14 Feb 2024	Wave Height Low (ft)	4
F14	14 Feb 2024	Wave Period (sec)	14
F14	14 Feb 2024	Sea State	Light Chop
F14	14 Feb 2024	High Tide (ft)	5.01
F14	14 Feb 2024	High Tide Time	6
F14	14 Feb 2024	Low Tide (ft)	0.75
F14	14 Feb 2024	Low Tide Time	624
F14	14 Feb 2024	Comments	
F15	15 Feb 2024	Depth (m)	80
F15	15 Feb 2024	Arrive Time	1102
F15	15 Feb 2024	Depart Time	1117
F15	15 Feb 2024	Air Temp (C)	14.3
F15	15 Feb 2024	Weather	Clear
F15	15 Feb 2024	Visibility (mi)	10
F15	15 Feb 2024	Wind Speed (kts)	3.1
F15	15 Feb 2024	Wind Dir	W
F15	15 Feb 2024	Water Color	Blueish-Green
F15	15 Feb 2024	Wave Height Low (ft)	2.6
F15	15 Feb 2024	Wave Period (sec)	11
F15	15 Feb 2024	Sea State	Regular Swell
F15	15 Feb 2024	High Tide (ft)	5
F15	15 Feb 2024	High Tide Time	42
F15	15 Feb 2024	Low Tide (ft)	0.78
F15	15 Feb 2024	Low Tide Time	742
F15	15 Feb 2024	Comments	Some stuck bubbles in OA 80m sample OA 1m Btl# JA11607-1 Nsk# 6;OA 80m Btl# JA11608-1 Nsk# 3;
F16	15 Feb 2024	Depth (m)	80
F16	15 Feb 2024	Arrive Time	1049
F16	15 Feb 2024	Depart Time	1055
F16	15 Feb 2024	Air Temp (C)	14.4
F16	15 Feb 2024	Weather	Clear
F16	15 Feb 2024	Visibility (mi)	10
F16	15 Feb 2024	Wind Speed (kts)	2.3
F16	15 Feb 2024	Wind Dir	NW
F16	15 Feb 2024	Water Color	Blueish-Green
F16	15 Feb 2024	Wave Height Low (ft)	2.6
F16	15 Feb 2024	Wave Period (sec)	11
F16	15 Feb 2024	Sea State	Regular Swell
F16	15 Feb 2024	High Tide (ft)	5
F16	15 Feb 2024	High Tide Time	42
F16	15 Feb 2024	Low Tide (ft)	0.78
F16	15 Feb 2024	Low Tide Time	742
F16	15 Feb 2024	Comments	
F17	15 Feb 2024	Depth (m)	80
F17	15 Feb 2024	Arrive Time	1036
F17	15 Feb 2024	Depart Time	1041
F17	15 Feb 2024	Air Temp (C)	14.0
F17	15 Feb 2024	Weather	Clear
F17	15 Feb 2024	Visibility (mi)	10
F17	15 Feb 2024	Wind Speed (kts)	6.1
F17	15 Feb 2024	Wind Dir	NW
F17	15 Feb 2024	Water Color	Blueish-Green
F17	15 Feb 2024	Wave Height Low (ft)	2.6



Station	Date	Parameter	Value
F17	15 Feb 2024	Wave Period (sec)	11
F17	15 Feb 2024	Sea State	Regular Swell
F17	15 Feb 2024	High Tide (ft)	5
F17	15 Feb 2024	High Tide Time	42
F17	15 Feb 2024	Low Tide (ft)	0.78
F17	15 Feb 2024	Low Tide Time	742
F17	15 Feb 2024	Comments	
F18	15 Feb 2024	Depth (m)	80
F18	15 Feb 2024	Arrive Time	1022
F18	15 Feb 2024	Depart Time	1028
F18	15 Feb 2024	Air Temp (C)	13.9
F18	15 Feb 2024	Weather	Clear
F18	15 Feb 2024	Visibility (mi)	10
F18	15 Feb 2024	Wind Speed (kts)	7.6
F18	15 Feb 2024	Wind Dir	NW
F18	15 Feb 2024	Water Color	Greenish-Blue
F18	15 Feb 2024	Wave Height Low (ft)	2.6
F18	15 Feb 2024	Wave Period (sec)	11
F18	15 Feb 2024	Sea State	Regular Swell
F18	15 Feb 2024	High Tide (ft)	5
F18	15 Feb 2024	High Tide Time	42
F18	15 Feb 2024	Low Tide (ft)	0.78
F18	15 Feb 2024	Low Tide Time	742
F18	15 Feb 2024	Comments	
F19	15 Feb 2024	Depth (m)	81
F19	15 Feb 2024	Arrive Time	1008
F19	15 Feb 2024	Depart Time	1015
F19	15 Feb 2024	Air Temp (C)	13.9
F19	15 Feb 2024	Weather	Clear
F19	15 Feb 2024	Visibility (mi)	10
F19	15 Feb 2024	Wind Speed (kts)	5.1
F19	15 Feb 2024	Wind Dir	NW
F19	15 Feb 2024	Water Color	Greenish-Blue
F19	15 Feb 2024	Wave Height Low (ft)	2.6
F19	15 Feb 2024	Wave Period (sec)	11
F19	15 Feb 2024	Sea State	Regular Swell
F19	15 Feb 2024	High Tide (ft)	5
F19	15 Feb 2024	High Tide Time	42
F19	15 Feb 2024	Low Tide (ft)	0.78
F19	15 Feb 2024	Low Tide Time	742
F19	15 Feb 2024	Comments	
F20	15 Feb 2024	Depth (m)	82
F20	15 Feb 2024	Arrive Time	952
F20	15 Feb 2024	Depart Time	959
F20	15 Feb 2024	Air Temp (C)	13.9
F20	15 Feb 2024	Weather	Clear
F20	15 Feb 2024	Visibility (mi)	10
F20	15 Feb 2024	Wind Speed (kts)	4.1
F20	15 Feb 2024	Wind Dir	NW
F20	15 Feb 2024	Water Color	Greenish-Blue
F20	15 Feb 2024	Wave Height Low (ft)	2.6
F20	15 Feb 2024	Wave Period (sec)	11
F20	15 Feb 2024	Sea State	Regular Swell
F20	15 Feb 2024	High Tide (ft)	5
F20	15 Feb 2024	High Tide Time	42
F20	15 Feb 2024	Low Tide (ft)	0.78
F20	15 Feb 2024	Low Tide Time	742
F20	15 Feb 2024	Comments	

Station	Date	Parameter	Value
F21	15 Feb 2024	Depth (m)	81
F21	15 Feb 2024	Arrive Time	937
F21	15 Feb 2024	Depart Time	946
F21	15 Feb 2024	Air Temp (C)	13.8
F21	15 Feb 2024	Weather	Clear
F21	15 Feb 2024	Visibility (mi)	10
F21	15 Feb 2024	Wind Speed (kts)	3.8
F21	15 Feb 2024	Wind Dir	N
F21	15 Feb 2024	Water Color	Greenish-Blue
F21	15 Feb 2024	Wave Height Low (ft)	2.6
F21	15 Feb 2024	Wave Period (sec)	11
F21	15 Feb 2024	Sea State	Regular Swell
F21	15 Feb 2024	High Tide (ft)	5
F21	15 Feb 2024	High Tide Time	42
F21	15 Feb 2024	Low Tide (ft)	0.78
F21	15 Feb 2024	Low Tide Time	742
F21	15 Feb 2024	Comments	
F22	15 Feb 2024	Depth (m)	80
F22	15 Feb 2024	Arrive Time	926
F22	15 Feb 2024	Depart Time	930
F22	15 Feb 2024	Air Temp (C)	13.5
F22	15 Feb 2024	Weather	Clear
F22	15 Feb 2024	Visibility (mi)	10
F22	15 Feb 2024	Wind Speed (kts)	3.7
F22	15 Feb 2024	Wind Dir	NE
F22	15 Feb 2024	Water Color	Greenish-Blue
F22	15 Feb 2024	Wave Height Low (ft)	2.6
F22	15 Feb 2024	Wave Period (sec)	11
F22	15 Feb 2024	Sea State	Regular Swell
F22	15 Feb 2024	High Tide (ft)	5
F22	15 Feb 2024	High Tide Time	42
F22	15 Feb 2024	Low Tide (ft)	0.78
F22	15 Feb 2024	Low Tide Time	742
F22	15 Feb 2024	Comments	
F23	15 Feb 2024	Depth (m)	81
F23	15 Feb 2024	Arrive Time	902
F23	15 Feb 2024	Depart Time	908
F23	15 Feb 2024	Air Temp (C)	13.4
F23	15 Feb 2024	Weather	Clear
F23	15 Feb 2024	Visibility (mi)	10
F23	15 Feb 2024	Wind Speed (kts)	4.2
F23	15 Feb 2024	Wind Dir	N
F23	15 Feb 2024	Water Color	Greenish-Blue
F23	15 Feb 2024	Wave Height Low (ft)	2.6
F23	15 Feb 2024	Wave Period (sec)	11
F23	15 Feb 2024	Sea State	Regular Swell
F23	15 Feb 2024	High Tide (ft)	5
F23	15 Feb 2024	High Tide Time	42
F23	15 Feb 2024	Low Tide (ft)	0.78
F23	15 Feb 2024	Low Tide Time	742
F23	15 Feb 2024	Comments	
F24	15 Feb 2024	Depth (m)	81
F24	15 Feb 2024	Arrive Time	848
F24	15 Feb 2024	Depart Time	900
F24	15 Feb 2024	Air Temp (C)	13.7
F24	15 Feb 2024	Weather	Clear
F24	15 Feb 2024	Visibility (mi)	10

Station	Date	Parameter	Value
F24	15 Feb 2024	Wind Speed (kts)	2.4
F24	15 Feb 2024	Wind Dir	N
F24	15 Feb 2024	Water Color	Greenish-Blue
F24	15 Feb 2024	Wave Height Low (ft)	2.6
F24	15 Feb 2024	Wave Period (sec)	11
F24	15 Feb 2024	Sea State	Regular Swell
F24	15 Feb 2024	High Tide (ft)	5
F24	15 Feb 2024	High Tide Time	42
F24	15 Feb 2024	Low Tide (ft)	0.78
F24	15 Feb 2024	Low Tide Time	742
F24	15 Feb 2024	Comments	
F25	15 Feb 2024	Depth (m)	79
F25	15 Feb 2024	Arrive Time	831
F25	15 Feb 2024	Depart Time	848
F25	15 Feb 2024	Air Temp (C)	13.4
F25	15 Feb 2024	Weather	Clear
F25	15 Feb 2024	Visibility (mi)	10
F25	15 Feb 2024	Wind Speed (kts)	5.2
F25	15 Feb 2024	Wind Dir	N
F25	15 Feb 2024	Water Color	Greenish-Blue
F25	15 Feb 2024	Wave Height Low (ft)	2.6
F25	15 Feb 2024	Wave Period (sec)	11
F25	15 Feb 2024	Sea State	Regular Swell
F25	15 Feb 2024	High Tide (ft)	5
F25	15 Feb 2024	High Tide Time	42
F25	15 Feb 2024	Low Tide (ft)	0.78
F25	15 Feb 2024	Low Tide Time	742
F25	15 Feb 2024	Comments	
F26	13 Feb 2024	Depth (m)	97
F26	13 Feb 2024	Arrive Time	1223
F26	13 Feb 2024	Depart Time	1232
F26	13 Feb 2024	Air Temp (C)	14.2
F26	13 Feb 2024	Weather	Clear
F26	13 Feb 2024	Visibility (mi)	10
F26	13 Feb 2024	Wind Speed (kts)	0.8
F26	13 Feb 2024	Wind Dir	SW
F26	13 Feb 2024	Water Color	Blue
F26	13 Feb 2024	Wave Height Low (ft)	3.9
F26	13 Feb 2024	Wave Period (sec)	14
F26	13 Feb 2024	Sea State	Regular Swell
F26	13 Feb 2024	High Tide (ft)	5.01
F26	13 Feb 2024	High Tide Time	2354
F26	13 Feb 2024	Low Tide (ft)	0.16
F26	13 Feb 2024	Low Tide Time	1730
F26	13 Feb 2024	Comments	
F27	13 Feb 2024	Depth (m)	99
F27	13 Feb 2024	Arrive Time	1158
F27	13 Feb 2024	Depart Time	1215
F27	13 Feb 2024	Air Temp (C)	14.1
F27	13 Feb 2024	Weather	Clear
F27	13 Feb 2024	Visibility (mi)	10
F27	13 Feb 2024	Wind Speed (kts)	1.0
F27	13 Feb 2024	Wind Dir	SW
F27	13 Feb 2024	Water Color	Blue
F27	13 Feb 2024	Wave Height Low (ft)	3.9
F27	13 Feb 2024	Wave Period (sec)	14
F27	13 Feb 2024	Sea State	Regular Swell
F27	13 Feb 2024	High Tide (ft)	5.01

Station	Date	Parameter	Value
F27	13 Feb 2024	High Tide Time	2354
F27	13 Feb 2024	Low Tide (ft)	0.16
F27	13 Feb 2024	Low Tide Time	1730
F27	13 Feb 2024	Comments	1st cast transmissometer weird values; use 2nd cast
F28	13 Feb 2024	Depth (m)	99
F28	13 Feb 2024	Arrive Time	1144
F28	13 Feb 2024	Depart Time	1155
F28	13 Feb 2024	Air Temp (C)	14.0
F28	13 Feb 2024	Weather	Clear
F28	13 Feb 2024	Visibility (mi)	10
F28	13 Feb 2024	Wind Speed (kts)	1.4
F28	13 Feb 2024	Wind Dir	W
F28	13 Feb 2024	Water Color	Blue
F28	13 Feb 2024	Wave Height Low (ft)	3.9
F28	13 Feb 2024	Wave Period (sec)	14
F28	13 Feb 2024	Sea State	Regular Swell
F28	13 Feb 2024	High Tide (ft)	5.01
F28	13 Feb 2024	High Tide Time	2354
F28	13 Feb 2024	Low Tide (ft)	0.16
F28	13 Feb 2024	Low Tide Time	1730
F28	13 Feb 2024	Comments	cleared bubbles then full cast
F29	13 Feb 2024	Depth (m)	99
F29	13 Feb 2024	Arrive Time	1117
F29	13 Feb 2024	Depart Time	1138
F29	13 Feb 2024	Air Temp (C)	14.4
F29	13 Feb 2024	Weather	Clear
F29	13 Feb 2024	Visibility (mi)	10
F29	13 Feb 2024	Wind Speed (kts)	0.3
F29	13 Feb 2024	Wind Dir	SE
F29	13 Feb 2024	Water Color	Blue
F29	13 Feb 2024	Wave Height Low (ft)	3.9
F29	13 Feb 2024	Wave Period (sec)	14
F29	13 Feb 2024	Sea State	Regular Swell
F29	13 Feb 2024	High Tide (ft)	5.01
F29	13 Feb 2024	High Tide Time	2354
F29	13 Feb 2024	Low Tide (ft)	0.16
F29	13 Feb 2024	Low Tide Time	1730
F29	13 Feb 2024	Comments	1st cast transmissometer weird values; used 2nd cast for CTD data and 1st cast for bottles
F30	13 Feb 2024	Depth (m)	97
F30	13 Feb 2024	Arrive Time	1040
F30	13 Feb 2024	Depart Time	1046
F30	13 Feb 2024	Air Temp (C)	13.6
F30	13 Feb 2024	Weather	Clear
F30	13 Feb 2024	Visibility (mi)	10
F30	13 Feb 2024	Wind Speed (kts)	3.5
F30	13 Feb 2024	Wind Dir	E
F30	13 Feb 2024	Water Color	Blue
F30	13 Feb 2024	Wave Height Low (ft)	3.9
F30	13 Feb 2024	Wave Period (sec)	14
F30	13 Feb 2024	Sea State	Regular Swell
F30	13 Feb 2024	High Tide (ft)	5.01
F30	13 Feb 2024	High Tide Time	2354
F30	13 Feb 2024	Low Tide (ft)	0.16
F30	13 Feb 2024	Low Tide Time	1730
F30	13 Feb 2024	Comments	OA 1m Btl# Nsk# ;OA 30m Btl# Nsk# ;OA 75m Btl# Nsk# ;OA 75m-dup Btl# Nsk# ;

Station	Date	Parameter	Value
F31	13 Feb 2024	Depth (m)	97
F31	13 Feb 2024	Arrive Time	1022
F31	13 Feb 2024	Depart Time	1028
F31	13 Feb 2024	Air Temp (C)	13.9
F31	13 Feb 2024	Weather	Clear
F31	13 Feb 2024	Visibility (mi)	10
F31	13 Feb 2024	Wind Speed (kts)	2.4
F31	13 Feb 2024	Wind Dir	E
F31	13 Feb 2024	Water Color	Blue
F31	13 Feb 2024	Wave Height Low (ft)	3.9
F31	13 Feb 2024	Wave Period (sec)	14
F31	13 Feb 2024	Sea State	Regular Swell
F31	13 Feb 2024	High Tide (ft)	5.01
F31	13 Feb 2024	High Tide Time	2354
F31	13 Feb 2024	Low Tide (ft)	0.16
F31	13 Feb 2024	Low Tide Time	1730
F31	13 Feb 2024	Comments	
F32	13 Feb 2024	Depth (m)	98
F32	13 Feb 2024	Arrive Time	1007
F32	13 Feb 2024	Depart Time	1015
F32	13 Feb 2024	Air Temp (C)	13.6
F32	13 Feb 2024	Weather	Clear
F32	13 Feb 2024	Visibility (mi)	10
F32	13 Feb 2024	Wind Speed (kts)	0.9
F32	13 Feb 2024	Wind Dir	NE
F32	13 Feb 2024	Water Color	Blue
F32	13 Feb 2024	Wave Height Low (ft)	3.9
F32	13 Feb 2024	Wave Period (sec)	14
F32	13 Feb 2024	Sea State	Regular Swell
F32	13 Feb 2024	High Tide (ft)	5.01
F32	13 Feb 2024	High Tide Time	2354
F32	13 Feb 2024	Low Tide (ft)	0.16
F32	13 Feb 2024	Low Tide Time	1730
F32	13 Feb 2024	Comments	
F33	13 Feb 2024	Depth (m)	99
F33	13 Feb 2024	Arrive Time	945
F33	13 Feb 2024	Depart Time	958
F33	13 Feb 2024	Air Temp (C)	13.5
F33	13 Feb 2024	Weather	Clear
F33	13 Feb 2024	Visibility (mi)	10
F33	13 Feb 2024	Wind Speed (kts)	4.7
F33	13 Feb 2024	Wind Dir	NE
F33	13 Feb 2024	Water Color	Blue
F33	13 Feb 2024	Wave Height Low (ft)	3.9
F33	13 Feb 2024	Wave Period (sec)	14
F33	13 Feb 2024	Sea State	Regular Swell
F33	13 Feb 2024	High Tide (ft)	5.01
F33	13 Feb 2024	High Tide Time	2354
F33	13 Feb 2024	Low Tide (ft)	0.16
F33	13 Feb 2024	Low Tide Time	1730
F33	13 Feb 2024	Comments	2nd cast to grab 60m bottle due to misfire Niskin 3
F34	13 Feb 2024	Depth (m)	100
F34	13 Feb 2024	Arrive Time	927
F34	13 Feb 2024	Depart Time	935
F34	13 Feb 2024	Air Temp (C)	12.9
F34	13 Feb 2024	Weather	Clear
F34	13 Feb 2024	Visibility (mi)	10
F34	13 Feb 2024	Wind Speed (kts)	5.9

Station	Date	Parameter	Value
F34	13 Feb 2024	Wind Dir	NE
F34	13 Feb 2024	Water Color	Blue
F34	13 Feb 2024	Wave Height Low (ft)	3.9
F34	13 Feb 2024	Wave Period (sec)	14
F34	13 Feb 2024	Sea State	Regular Swell
F34	13 Feb 2024	High Tide (ft)	5.01
F34	13 Feb 2024	High Tide Time	2354
F34	13 Feb 2024	Low Tide (ft)	0.16
F34	13 Feb 2024	Low Tide Time	1730
F34	13 Feb 2024	Comments	
F35	13 Feb 2024	Depth (m)	100
F35	13 Feb 2024	Arrive Time	903
F35	13 Feb 2024	Depart Time	920
F35	13 Feb 2024	Air Temp (C)	12.4
F35	13 Feb 2024	Weather	Clear
F35	13 Feb 2024	Visibility (mi)	10
F35	13 Feb 2024	Wind Speed (kts)	6.5
F35	13 Feb 2024	Wind Dir	NE
F35	13 Feb 2024	Water Color	Blue
F35	13 Feb 2024	Wave Height Low (ft)	3.9
F35	13 Feb 2024	Wave Period (sec)	14
F35	13 Feb 2024	Sea State	Regular Swell
F35	13 Feb 2024	High Tide (ft)	5.01
F35	13 Feb 2024	High Tide Time	2354
F35	13 Feb 2024	Low Tide (ft)	0.16
F35	13 Feb 2024	Low Tide Time	1730
F35	13 Feb 2024	Comments	OA 1m Btl# JA11609-1 Nsk# 6;OA 50m Btl# JA11610-1 Nsk# 4;OA 100m Btl# JA11611-1 Nsk# 1;OA 100m-dup Btl# JA11612-1 Nsk# 1;
F36	13 Feb 2024	Depth (m)	98
F36	13 Feb 2024	Arrive Time	843
F36	13 Feb 2024	Depart Time	854
F36	13 Feb 2024	Air Temp (C)	12.2
F36	13 Feb 2024	Weather	Clear
F36	13 Feb 2024	Visibility (mi)	10
F36	13 Feb 2024	Wind Speed (kts)	5.9
F36	13 Feb 2024	Wind Dir	NE
F36	13 Feb 2024	Water Color	Blue
F36	13 Feb 2024	Wave Height Low (ft)	3.9
F36	13 Feb 2024	Wave Period (sec)	14
F36	13 Feb 2024	Sea State	Regular Swell
F36	13 Feb 2024	High Tide (ft)	5.01
F36	13 Feb 2024	High Tide Time	2354
F36	13 Feb 2024	Low Tide (ft)	0.16
F36	13 Feb 2024	Low Tide Time	1730
F36	13 Feb 2024	Comments	

**Table 4.4**

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

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F01	14 Feb 2024	1	15.10	86.38	7.9	32.84	8.2	24.3	0.58
F01	14 Feb 2024	2	14.93	85.65	8.0	32.84	8.2	24.3	0.84
F01	14 Feb 2024	3	14.82	81.75	8.0	32.92	8.2	24.4	1.11
F01	14 Feb 2024	4	14.77	81.46	7.9	32.99	8.2	24.5	1.13
F01	14 Feb 2024	5	14.68	85.94	7.8	33.05	8.2	24.5	1.01
F01	14 Feb 2024	6	14.61	89.28	7.6	33.09	8.2	24.6	0.97
F01	14 Feb 2024	7	14.54	91.11	7.4	33.11	8.2	24.6	0.94
F01	14 Feb 2024	8	14.28	92.50	7.2	33.16	8.2	24.7	0.87
F01	14 Feb 2024	9	14.15	93.25	7.0	33.18	8.2	24.7	0.76
F01	14 Feb 2024	10	13.94	93.71	6.8	33.22	8.1	24.8	0.65
F01	14 Feb 2024	11	13.77	94.30	6.6	33.26	8.1	24.9	0.55
F01	14 Feb 2024	12	13.70	95.00	6.6	33.27	8.1	24.9	0.48
F01	14 Feb 2024	13	13.65	95.59	6.5	33.27	8.1	24.9	0.41
F01	14 Feb 2024	14	13.47	95.82	6.3	33.29	8.1	25.0	0.37
F01	14 Feb 2024	15	13.18	96.25	6.2	33.33	8.1	25.1	0.30
F01	14 Feb 2024	16	13.11	96.60	6.2	33.33	8.1	25.1	0.28
F01	14 Feb 2024	17	13.04	96.86	6.4	33.34	8.1	25.1	0.29
F01	14 Feb 2024	18	13.01	96.67	6.0	33.34	8.0	25.1	0.25
F01	14 Feb 2024	19	13.02	96.22	6.0	33.34	8.0	25.1	0.23
F02	14 Feb 2024	1	14.87	83.26	8.0	32.78	8.2	24.3	2.16
F02	14 Feb 2024	2	14.90	83.16	7.9	32.82	8.2	24.3	2.51
F02	14 Feb 2024	3	14.92	82.63	7.9	32.87	8.2	24.3	3.11
F02	14 Feb 2024	4	14.93	83.19	7.9	32.90	8.2	24.4	3.47
F02	14 Feb 2024	5	14.94	83.68	7.9	32.91	8.2	24.4	3.45
F02	14 Feb 2024	6	14.96	84.42	7.9	32.93	8.2	24.4	3.52
F02	14 Feb 2024	7	14.98	85.03	7.9	32.96	8.2	24.4	3.35
F02	14 Feb 2024	8	14.99	85.82	8.0	32.98	8.2	24.4	3.14
F02	14 Feb 2024	9	15.01	87.25	8.0	32.99	8.2	24.4	3.13
F02	14 Feb 2024	10	15.02	87.96	8.0	33.00	8.2	24.4	3.11
F02	14 Feb 2024	11	15.01	88.31	7.9	33.03	8.2	24.5	2.67
F02	14 Feb 2024	12	15.00	89.72	7.8	33.05	8.2	24.5	2.06
F02	14 Feb 2024	13	14.95	91.61	7.7	33.08	8.2	24.5	1.66
F02	14 Feb 2024	14	14.87	92.88	7.6	33.10	8.2	24.5	1.31
F02	14 Feb 2024	15	14.79	93.44	7.5	33.12	8.2	24.6	1.07
F02	14 Feb 2024	16	14.68	93.58	7.4	33.12	8.2	24.6	1.05
F02	14 Feb 2024	17	14.60	92.89	7.3	33.13	8.1	24.6	1.00
F02	14 Feb 2024	18	14.47	91.71	7.2	33.14	8.1	24.7	0.96
F02	14 Feb 2024	19	14.39	90.03	7.1	33.16	8.1	24.7	0.88
F02	14 Feb 2024	20	14.39	83.58	7.1	33.16	8.1	24.7	0.86
F03	14 Feb 2024	1	14.97	85.79	8.1	33.02	8.2	24.5	1.86
F03	14 Feb 2024	2	14.95	85.98	8.1	33.02	8.2	24.5	1.85
F03	14 Feb 2024	3	14.95	86.08	8.1	33.02	8.2	24.5	2.01
F03	14 Feb 2024	4	14.94	86.24	8.1	33.02	8.2	24.5	2.11
F03	14 Feb 2024	5	14.95	86.45	8.1	33.02	8.2	24.5	2.25
F03	14 Feb 2024	6	14.94	86.54	8.1	33.02	8.2	24.5	2.30
F03	14 Feb 2024	7	14.94	86.60	8.1	33.02	8.2	24.5	2.41
F03	14 Feb 2024	8	14.94	86.60	8.0	33.02	8.2	24.5	2.46
F03	14 Feb 2024	9	14.94	86.84	8.0	33.02	8.2	24.5	2.44
F03	14 Feb 2024	10	14.94	86.94	8.0	33.02	8.2	24.5	2.46
F03	14 Feb 2024	11	14.93	86.94	8.0	33.02	8.2	24.5	2.58
F03	14 Feb 2024	12	14.93	86.99	8.0	33.02	8.2	24.5	2.41
F03	14 Feb 2024	13	14.92	87.24	8.0	33.03	8.2	24.5	2.44
F03	14 Feb 2024	14	14.92	87.68	7.9	33.03	8.2	24.5	2.29

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F03	14 Feb 2024	15	14.87	88.17	7.9	33.04	8.2	24.5	1.99
F03	14 Feb 2024	16	14.78	88.81	7.7	33.07	8.2	24.5	1.60
F03	14 Feb 2024	17	14.55	88.77	7.3	33.12	8.2	24.6	1.29
F03	14 Feb 2024	18	14.14	88.43	6.8	33.21	8.1	24.8	0.90
F03	14 Feb 2024	19	14.06	87.81	6.8	33.22	8.1	24.8	0.69
F04	14 Feb 2024	1	15.18	96.43	8.1	33.08	8.2	24.5	0.28
F04	14 Feb 2024	2	15.11	96.36	8.1	33.08	8.2	24.5	0.28
F04	14 Feb 2024	3	15.06	96.19	8.1	33.08	8.2	24.5	0.30
F04	14 Feb 2024	4	15.04	95.95	8.1	33.08	8.2	24.5	0.33
F04	14 Feb 2024	5	15.02	95.93	8.1	33.08	8.2	24.5	0.35
F04	14 Feb 2024	6	15.02	95.80	8.1	33.08	8.2	24.5	0.38
F04	14 Feb 2024	7	15.02	95.52	8.1	33.08	8.2	24.5	0.40
F04	14 Feb 2024	8	15.01	95.56	8.1	33.08	8.2	24.5	0.41
F04	14 Feb 2024	9	15.01	95.62	8.1	33.08	8.2	24.5	0.44
F04	14 Feb 2024	10	15.01	95.83	8.1	33.08	8.2	24.5	0.47
F04	14 Feb 2024	11	15.01	95.84	8.1	33.08	8.2	24.5	0.51
F04	14 Feb 2024	12	15.00	95.80	8.1	33.08	8.2	24.5	0.53
F04	14 Feb 2024	13	15.00	95.84	8.1	33.08	8.2	24.5	0.56
F04	14 Feb 2024	14	14.99	95.77	8.1	33.08	8.2	24.5	0.61
F04	14 Feb 2024	15	14.99	95.75	8.1	33.08	8.2	24.5	0.62
F04	14 Feb 2024	16	14.99	95.72	8.1	33.08	8.2	24.5	0.64
F04	14 Feb 2024	17	14.99	95.92	8.1	33.08	8.2	24.5	0.67
F04	14 Feb 2024	18	14.99	95.86	8.1	33.08	8.2	24.5	0.70
F04	14 Feb 2024	19	14.99	95.81	8.1	33.08	8.2	24.5	0.73
F04	14 Feb 2024	20	14.99	95.81	8.1	33.08	8.2	24.5	0.73
F04	14 Feb 2024	21	14.99	95.95	8.1	33.08	8.2	24.5	0.76
F04	14 Feb 2024	22	14.99	95.99	8.1	33.08	8.2	24.5	0.80
F04	14 Feb 2024	23	14.99	96.03	8.1	33.08	8.2	24.5	0.78
F04	14 Feb 2024	24	14.99	96.09	8.1	33.08	8.2	24.5	0.76
F04	14 Feb 2024	25	14.98	96.31	8.1	33.09	8.2	24.5	0.80
F04	14 Feb 2024	26	14.97	96.54	8.1	33.08	8.2	24.5	0.80
F04	14 Feb 2024	27	14.97	96.36	8.1	33.08	8.2	24.5	0.82
F04	14 Feb 2024	28	14.97	96.51	8.1	33.08	8.2	24.5	0.89
F04	14 Feb 2024	29	14.97	96.75	8.1	33.08	8.2	24.5	0.85
F04	14 Feb 2024	30	14.96	96.75	8.1	33.08	8.2	24.5	0.89
F04	14 Feb 2024	31	14.96	96.79	8.1	33.08	8.2	24.5	0.86
F04	14 Feb 2024	32	14.95	96.72	8.0	33.08	8.2	24.5	0.90
F04	14 Feb 2024	33	14.94	96.78	8.0	33.08	8.2	24.5	0.89
F04	14 Feb 2024	34	14.91	96.82	8.0	33.09	8.2	24.5	0.92
F04	14 Feb 2024	35	14.84	96.82	7.8	33.10	8.2	24.5	0.91
F04	14 Feb 2024	36	14.69	96.85	7.6	33.15	8.2	24.6	0.87
F04	14 Feb 2024	37	14.58	96.80	7.4	33.18	8.2	24.7	0.83
F04	14 Feb 2024	38	14.54	96.96	7.3	33.19	8.2	24.7	0.81
F04	14 Feb 2024	39	14.49	97.12	7.3	33.20	8.2	24.7	0.72
F04	14 Feb 2024	40	14.47	97.31	7.2	33.20	8.1	24.7	0.67
F04	14 Feb 2024	41	14.45	97.43	7.2	33.20	8.1	24.7	0.63
F04	14 Feb 2024	42	14.44	97.51	7.2	33.21	8.1	24.7	0.60
F04	14 Feb 2024	43	14.41	97.55	7.1	33.21	8.1	24.7	0.58
F04	14 Feb 2024	44	14.30	97.65	7.0	33.23	8.1	24.8	0.54
F04	14 Feb 2024	45	14.20	97.66	6.9	33.24	8.1	24.8	0.52
F04	14 Feb 2024	46	14.11	97.70	6.8	33.25	8.1	24.8	0.51
F04	14 Feb 2024	47	14.01	97.64	6.7	33.26	8.1	24.8	0.49
F04	14 Feb 2024	48	13.86	97.73	6.6	33.27	8.1	24.9	0.49
F04	14 Feb 2024	49	13.77	97.73	6.5	33.28	8.1	24.9	0.50
F04	14 Feb 2024	50	13.62	97.76	6.3	33.30	8.1	24.9	0.43
F04	14 Feb 2024	51	13.49	97.75	6.2	33.31	8.1	25.0	0.57
F04	14 Feb 2024	52	13.39	97.69	6.0	33.30	8.1	25.0	0.39
F04	14 Feb 2024	53	12.76	97.46	5.8	33.34	8.0	25.2	0.34
F04	14 Feb 2024	54	12.58	97.56	5.8	33.38	8.0	25.2	0.29
F04	14 Feb 2024	55	12.54	97.63	5.7	33.39	8.0	25.2	0.27



Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F04	14 Feb 2024	56	12.44	97.70	5.5	33.40	8.0	25.3	0.25
F04	14 Feb 2024	57	12.20	97.66	5.4	33.43	8.0	25.3	0.23
F04	14 Feb 2024	58	11.81	97.62	5.3	33.50	8.0	25.5	0.20
F04	14 Feb 2024	59	11.75	96.72	5.2	33.51	8.0	25.5	0.18
F04	14 Feb 2024	60	11.74	95.70	5.2	33.52	8.0	25.5	0.18
F04	14 Feb 2024	61	11.74	94.87	5.2	33.52	8.0	25.5	0.19
F04	14 Feb 2024	62	11.74	94.85	5.2	33.52	7.9	25.5	0.18
F05	14 Feb 2024	1	15.12	96.64	8.1	33.05	8.2	24.4	0.17
F05	14 Feb 2024	2	15.08	96.58	8.1	33.04	8.2	24.4	0.19
F05	14 Feb 2024	3	15.04	96.74	8.1	33.04	8.2	24.5	0.21
F05	14 Feb 2024	4	15.02	96.71	8.1	33.04	8.2	24.5	0.23
F05	14 Feb 2024	5	15.01	96.55	8.1	33.04	8.2	24.5	0.24
F05	14 Feb 2024	6	15.00	96.40	8.1	33.04	8.2	24.5	0.26
F05	14 Feb 2024	7	15.00	96.48	8.1	33.04	8.2	24.5	0.28
F05	14 Feb 2024	8	15.00	96.49	8.1	33.04	8.2	24.5	0.30
F05	14 Feb 2024	9	14.99	96.55	8.1	33.04	8.2	24.5	0.32
F05	14 Feb 2024	10	14.99	96.56	8.1	33.04	8.2	24.5	0.34
F05	14 Feb 2024	11	14.99	96.62	8.1	33.04	8.2	24.5	0.36
F05	14 Feb 2024	12	14.99	96.60	8.2	33.04	8.2	24.5	0.38
F05	14 Feb 2024	13	14.98	96.60	8.2	33.04	8.2	24.5	0.41
F05	14 Feb 2024	14	14.98	96.45	8.2	33.04	8.2	24.5	0.45
F05	14 Feb 2024	15	14.98	96.57	8.2	33.04	8.2	24.5	0.47
F05	14 Feb 2024	16	14.98	96.50	8.1	33.04	8.2	24.5	0.49
F05	14 Feb 2024	17	14.98	96.54	8.1	33.04	8.2	24.5	0.52
F05	14 Feb 2024	18	14.98	96.57	8.2	33.04	8.2	24.5	0.53
F05	14 Feb 2024	19	14.98	96.49	8.1	33.04	8.2	24.5	0.57
F05	14 Feb 2024	20	14.98	96.62	8.1	33.05	8.2	24.5	0.58
F05	14 Feb 2024	21	14.98	96.70	8.1	33.05	8.2	24.5	0.61
F05	14 Feb 2024	22	14.98	96.70	8.1	33.05	8.2	24.5	0.61
F05	14 Feb 2024	23	14.98	96.74	8.2	33.05	8.2	24.5	0.61
F05	14 Feb 2024	24	14.98	96.72	8.1	33.05	8.2	24.5	0.66
F05	14 Feb 2024	25	14.97	96.76	8.1	33.05	8.2	24.5	0.67
F05	14 Feb 2024	26	14.97	96.70	8.1	33.05	8.2	24.5	0.66
F05	14 Feb 2024	27	14.97	96.75	8.1	33.05	8.2	24.5	0.68
F05	14 Feb 2024	28	14.96	96.76	8.1	33.05	8.2	24.5	0.68
F05	14 Feb 2024	29	14.96	96.79	8.1	33.05	8.2	24.5	0.72
F05	14 Feb 2024	30	14.94	96.81	8.1	33.05	8.2	24.5	0.75
F05	14 Feb 2024	31	14.93	96.68	8.1	33.06	8.2	24.5	0.82
F05	14 Feb 2024	32	14.91	96.74	8.0	33.06	8.2	24.5	0.88
F05	14 Feb 2024	33	14.87	96.65	7.8	33.08	8.2	24.5	0.96
F05	14 Feb 2024	34	14.76	96.62	7.6	33.13	8.2	24.6	0.95
F05	14 Feb 2024	35	14.58	96.54	7.5	33.18	8.2	24.7	0.90
F05	14 Feb 2024	36	14.52	96.85	7.3	33.19	8.2	24.7	0.79
F05	14 Feb 2024	37	14.45	96.99	7.2	33.20	8.2	24.7	0.71
F05	14 Feb 2024	38	14.31	97.27	7.1	33.22	8.1	24.7	0.65
F05	14 Feb 2024	39	14.20	97.45	7.0	33.23	8.1	24.8	0.56
F05	14 Feb 2024	40	14.12	97.49	6.8	33.24	8.1	24.8	0.51
F05	14 Feb 2024	41	13.98	97.57	6.8	33.26	8.1	24.8	0.47
F05	14 Feb 2024	42	13.89	97.61	6.7	33.27	8.1	24.9	0.43
F05	14 Feb 2024	43	13.87	97.65	6.7	33.27	8.1	24.9	0.43
F05	14 Feb 2024	44	13.86	97.66	6.6	33.27	8.1	24.9	0.41
F05	14 Feb 2024	45	13.81	97.67	6.5	33.28	8.1	24.9	0.40
F05	14 Feb 2024	46	13.74	97.69	6.4	33.29	8.1	24.9	0.40
F05	14 Feb 2024	47	13.61	97.73	6.3	33.30	8.1	25.0	0.39
F05	14 Feb 2024	48	13.47	97.68	6.2	33.31	8.1	25.0	0.38
F05	14 Feb 2024	49	13.27	97.61	6.1	33.32	8.1	25.0	0.35
F05	14 Feb 2024	50	12.93	97.67	6.0	33.34	8.0	25.1	0.34
F05	14 Feb 2024	51	12.74	97.77	5.9	33.36	8.0	25.2	0.32
F05	14 Feb 2024	52	12.60	97.74	5.8	33.38	8.0	25.2	0.28
F05	14 Feb 2024	53	12.53	97.69	5.7	33.39	8.0	25.2	0.24

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F05	14 Feb 2024	54	12.46	97.62	5.6	33.40	8.0	25.3	0.22
F05	14 Feb 2024	55	12.34	97.56	5.5	33.42	8.0	25.3	0.21
F05	14 Feb 2024	56	12.21	97.54	5.4	33.44	8.0	25.3	0.18
F05	14 Feb 2024	57	12.11	97.54	5.3	33.46	8.0	25.4	0.17
F05	14 Feb 2024	58	11.98	97.39	5.3	33.48	8.0	25.4	0.16
F05	14 Feb 2024	59	11.90	96.74	5.2	33.50	8.0	25.4	0.15
F05	14 Feb 2024	60	11.81	95.97	5.1	33.52	8.0	25.5	0.14
F05	14 Feb 2024	61	11.79	95.41	5.1	33.52	8.0	25.5	0.15
F05	14 Feb 2024	62	11.79	95.38	5.1	33.52	7.9	25.5	0.14
F06	14 Feb 2024	1	15.07	94.75	8.1	33.03	8.2	24.4	0.30
F06	14 Feb 2024	2	15.03	95.02	8.1	33.03	8.2	24.4	0.33
F06	14 Feb 2024	3	14.98	95.23	8.1	33.03	8.2	24.5	0.38
F06	14 Feb 2024	4	14.97	95.32	8.2	33.03	8.2	24.5	0.38
F06	14 Feb 2024	5	14.97	95.21	8.2	33.03	8.2	24.5	0.38
F06	14 Feb 2024	6	14.97	95.34	8.1	33.03	8.2	24.5	0.40
F06	14 Feb 2024	7	14.96	95.46	8.1	33.03	8.2	24.5	0.43
F06	14 Feb 2024	8	14.95	95.51	8.1	33.03	8.2	24.5	0.44
F06	14 Feb 2024	9	14.95	95.43	8.1	33.03	8.2	24.5	0.48
F06	14 Feb 2024	10	14.94	95.41	8.1	33.03	8.2	24.5	0.53
F06	14 Feb 2024	11	14.94	95.39	8.1	33.03	8.2	24.5	0.57
F06	14 Feb 2024	12	14.94	95.28	8.1	33.03	8.2	24.5	0.60
F06	14 Feb 2024	13	14.94	95.46	8.1	33.03	8.2	24.5	0.64
F06	14 Feb 2024	14	14.93	94.57	8.2	33.03	8.2	24.5	0.70
F06	14 Feb 2024	15	14.93	95.53	8.1	33.03	8.2	24.5	0.76
F06	14 Feb 2024	16	14.92	95.53	8.1	33.03	8.2	24.5	0.76
F06	14 Feb 2024	17	14.92	95.32	8.1	33.03	8.2	24.5	0.81
F06	14 Feb 2024	18	14.92	95.48	8.1	33.03	8.2	24.5	0.85
F06	14 Feb 2024	19	14.92	95.57	8.1	33.03	8.2	24.5	0.88
F06	14 Feb 2024	20	14.92	95.60	8.1	33.04	8.2	24.5	0.92
F06	14 Feb 2024	21	14.92	95.54	8.1	33.04	8.2	24.5	0.95
F06	14 Feb 2024	22	14.91	95.46	8.1	33.04	8.2	24.5	1.00
F06	14 Feb 2024	23	14.90	95.49	8.1	33.04	8.2	24.5	1.00
F06	14 Feb 2024	24	14.90	95.49	8.1	33.05	8.2	24.5	1.02
F06	14 Feb 2024	25	14.89	95.53	8.0	33.05	8.2	24.5	1.05
F06	14 Feb 2024	26	14.87	95.56	7.9	33.07	8.2	24.5	1.11
F06	14 Feb 2024	27	14.82	95.66	7.8	33.10	8.2	24.5	1.08
F06	14 Feb 2024	28	14.76	95.82	7.6	33.13	8.2	24.6	1.11
F06	14 Feb 2024	29	14.68	95.93	7.4	33.16	8.2	24.6	0.97
F06	14 Feb 2024	30	14.46	96.21	7.3	33.20	8.2	24.7	0.83
F06	14 Feb 2024	31	14.35	96.76	7.1	33.22	8.1	24.7	0.73
F06	14 Feb 2024	32	14.26	97.07	7.0	33.23	8.1	24.8	0.64
F06	14 Feb 2024	33	14.13	97.20	6.9	33.24	8.1	24.8	0.58
F06	14 Feb 2024	34	13.97	97.31	6.8	33.26	8.1	24.8	0.53
F06	14 Feb 2024	35	13.86	97.41	6.6	33.27	8.1	24.9	0.47
F06	14 Feb 2024	36	13.71	97.40	6.4	33.29	8.1	24.9	0.42
F06	14 Feb 2024	37	13.51	97.41	6.3	33.31	8.1	25.0	0.38
F06	14 Feb 2024	38	13.34	97.27	6.2	33.33	8.1	25.0	0.34
F06	14 Feb 2024	39	13.22	97.52	6.0	33.34	8.1	25.1	0.31
F06	14 Feb 2024	40	13.11	97.57	5.9	33.35	8.0	25.1	0.29
F06	14 Feb 2024	41	12.96	97.58	5.9	33.36	8.0	25.1	0.27
F06	14 Feb 2024	42	12.89	97.61	5.8	33.37	8.0	25.1	0.26
F06	14 Feb 2024	43	12.82	97.65	5.8	33.37	8.0	25.2	0.24
F06	14 Feb 2024	44	12.77	97.64	5.8	33.38	8.0	25.2	0.25
F06	14 Feb 2024	45	12.71	97.62	5.7	33.38	8.0	25.2	0.24
F06	14 Feb 2024	46	12.65	97.63	5.7	33.39	8.0	25.2	0.23
F06	14 Feb 2024	47	12.56	97.64	5.7	33.40	8.0	25.2	0.22
F06	14 Feb 2024	48	12.51	97.59	5.6	33.41	8.0	25.3	0.21
F06	14 Feb 2024	49	12.55	97.55	5.6	33.40	8.0	25.2	0.21
F06	14 Feb 2024	50	12.46	97.52	5.5	33.41	8.0	25.3	0.21
F06	14 Feb 2024	51	12.39	97.45	5.5	33.42	8.0	25.3	0.20

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F06	14 Feb 2024	52	12.37	97.38	5.5	33.42	8.0	25.3	0.21
F06	14 Feb 2024	53	12.29	97.33	5.4	33.43	8.0	25.3	0.22
F06	14 Feb 2024	54	12.18	97.20	5.4	33.45	8.0	25.4	0.20
F06	14 Feb 2024	55	12.13	96.94	5.3	33.46	8.0	25.4	0.16
F06	14 Feb 2024	56	12.03	96.91	5.2	33.48	8.0	25.4	0.16
F06	14 Feb 2024	57	11.90	95.70	5.2	33.50	8.0	25.4	0.15
F06	14 Feb 2024	58	11.88	94.66	5.1	33.51	7.9	25.5	0.14
F06	14 Feb 2024	59	11.84	94.40	5.1	33.52	7.9	25.5	0.13
F06	14 Feb 2024	60	11.73	94.62	5.0	33.54	7.9	25.5	0.13
F06	14 Feb 2024	61	11.70	94.64	5.0	33.55	7.9	25.5	0.11
F06	14 Feb 2024	62	11.70	94.26	5.0	33.55	7.9	25.5	0.12
F07	14 Feb 2024	1	15.04	94.96	8.2	33.03	8.2	24.4	0.43
F07	14 Feb 2024	2	15.02	94.98	8.2	33.03	8.2	24.4	0.45
F07	14 Feb 2024	3	14.98	94.92	8.2	33.03	8.2	24.5	0.50
F07	14 Feb 2024	4	14.98	94.81	8.2	33.03	8.2	24.5	0.50
F07	14 Feb 2024	5	14.96	94.69	8.2	33.03	8.2	24.5	0.51
F07	14 Feb 2024	6	14.95	94.74	8.1	33.03	8.2	24.5	0.54
F07	14 Feb 2024	7	14.95	94.70	8.1	33.03	8.2	24.5	0.59
F07	14 Feb 2024	8	14.95	94.31	8.2	33.03	8.2	24.5	0.60
F07	14 Feb 2024	9	14.95	94.83	8.1	33.03	8.2	24.5	0.67
F07	14 Feb 2024	10	14.94	94.97	8.1	33.03	8.2	24.5	0.72
F07	14 Feb 2024	11	14.94	94.96	8.2	33.03	8.2	24.5	0.79
F07	14 Feb 2024	12	14.94	94.87	8.2	33.03	8.2	24.5	0.84
F07	14 Feb 2024	13	14.94	94.86	8.2	33.03	8.2	24.5	0.89
F07	14 Feb 2024	14	14.94	94.89	8.2	33.03	8.2	24.5	0.92
F07	14 Feb 2024	15	14.95	94.79	8.2	33.03	8.2	24.5	0.96
F07	14 Feb 2024	16	14.94	94.85	8.1	33.03	8.2	24.5	1.01
F07	14 Feb 2024	17	14.94	94.74	8.1	33.03	8.2	24.5	0.98
F07	14 Feb 2024	18	14.94	94.77	8.2	33.03	8.2	24.5	1.02
F07	14 Feb 2024	19	14.94	94.83	8.1	33.03	8.2	24.5	1.12
F07	14 Feb 2024	20	14.93	94.73	8.1	33.04	8.2	24.5	1.13
F07	14 Feb 2024	21	14.96	94.55	8.0	33.06	8.2	24.5	1.16
F07	14 Feb 2024	22	14.91	94.70	7.9	33.09	8.2	24.5	1.19
F07	14 Feb 2024	23	14.84	94.96	7.7	33.11	8.2	24.6	1.17
F07	14 Feb 2024	24	14.76	95.18	7.6	33.12	8.2	24.6	1.06
F07	14 Feb 2024	25	14.55	95.29	7.4	33.16	8.2	24.7	0.96
F07	14 Feb 2024	26	14.44	95.36	7.2	33.19	8.2	24.7	0.82
F07	14 Feb 2024	27	14.33	95.76	7.1	33.20	8.1	24.7	0.71
F07	14 Feb 2024	28	14.22	96.39	7.0	33.22	8.1	24.8	0.64
F07	14 Feb 2024	29	14.19	96.52	7.0	33.23	8.1	24.8	0.59
F07	14 Feb 2024	30	14.19	96.80	7.0	33.23	8.1	24.8	0.56
F07	14 Feb 2024	31	14.19	96.99	7.0	33.23	8.1	24.8	0.53
F07	14 Feb 2024	32	14.19	96.97	6.9	33.23	8.1	24.8	0.52
F07	14 Feb 2024	33	14.08	97.12	6.8	33.25	8.1	24.8	0.48
F07	14 Feb 2024	34	13.98	97.22	6.7	33.26	8.1	24.8	0.46
F07	14 Feb 2024	35	13.82	97.36	6.5	33.28	8.1	24.9	0.43
F07	14 Feb 2024	36	13.51	97.48	6.2	33.30	8.1	25.0	0.38
F07	14 Feb 2024	37	12.89	97.49	6.0	33.36	8.1	25.1	0.32
F07	14 Feb 2024	38	12.75	97.57	5.8	33.37	8.0	25.2	0.28
F07	14 Feb 2024	39	12.71	97.58	5.8	33.37	8.0	25.2	0.26
F07	14 Feb 2024	40	12.64	97.50	5.8	33.38	8.0	25.2	0.26
F07	14 Feb 2024	41	12.56	97.51	5.7	33.39	8.0	25.2	0.25
F07	14 Feb 2024	42	12.49	97.51	5.6	33.40	8.0	25.3	0.24
F07	14 Feb 2024	43	12.45	97.47	5.6	33.41	8.0	25.3	0.22
F07	14 Feb 2024	44	12.49	97.47	5.6	33.40	8.0	25.3	0.21
F07	14 Feb 2024	45	12.40	97.50	5.5	33.42	8.0	25.3	0.23
F07	14 Feb 2024	46	12.35	97.50	5.5	33.43	8.0	25.3	0.20
F07	14 Feb 2024	47	12.32	97.50	5.5	33.43	8.0	25.3	0.19
F07	14 Feb 2024	48	12.30	97.58	5.5	33.43	8.0	25.3	0.19
F07	14 Feb 2024	49	12.26	97.54	5.4	33.44	8.0	25.3	0.18

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F07	14 Feb 2024	50	12.23	97.50	5.4	33.45	8.0	25.3	0.18
F07	14 Feb 2024	51	12.21	97.61	5.3	33.46	8.0	25.4	0.17
F07	14 Feb 2024	52	12.10	97.68	5.2	33.48	8.0	25.4	0.16
F07	14 Feb 2024	53	12.01	97.17	5.2	33.49	8.0	25.4	0.16
F07	14 Feb 2024	54	11.98	96.44	5.2	33.50	8.0	25.4	0.15
F07	14 Feb 2024	55	11.94	96.14	5.1	33.51	7.9	25.4	0.15
F07	14 Feb 2024	56	11.91	95.93	5.1	33.51	7.9	25.4	0.16
F07	14 Feb 2024	57	11.89	95.78	5.1	33.52	7.9	25.5	0.14
F07	14 Feb 2024	58	11.87	95.76	5.0	33.52	7.9	25.5	0.14
F07	14 Feb 2024	59	11.86	95.32	5.1	33.52	7.9	25.5	0.13
F07	14 Feb 2024	60	11.86	95.26	5.0	33.52	7.9	25.5	0.14
F07	14 Feb 2024	61	11.85	95.24	5.0	33.53	7.9	25.5	0.14
F07	14 Feb 2024	62	11.83	95.34	5.0	33.53	7.9	25.5	0.13
F07	14 Feb 2024	63	11.82	95.43	5.0	33.53	7.9	25.5	0.13
F07	14 Feb 2024	64	11.83	94.85	5.0	33.53	7.9	25.5	0.13
F08	14 Feb 2024	1	15.25	92.08	8.0	33.03	8.2	24.4	0.42
F08	14 Feb 2024	2	15.10	93.09	8.0	33.04	8.2	24.4	0.41
F08	14 Feb 2024	3	15.04	93.56	8.1	33.03	8.2	24.4	0.45
F08	14 Feb 2024	4	15.03	93.11	8.1	33.03	8.2	24.4	0.55
F08	14 Feb 2024	5	15.03	92.86	8.1	33.03	8.2	24.4	0.66
F08	14 Feb 2024	6	15.02	92.78	8.1	33.03	8.2	24.5	0.73
F08	14 Feb 2024	7	15.02	92.80	8.0	33.05	8.2	24.5	0.78
F08	14 Feb 2024	8	15.06	93.29	7.9	33.08	8.2	24.5	0.82
F08	14 Feb 2024	9	15.00	94.28	7.8	33.12	8.2	24.5	0.80
F08	14 Feb 2024	10	14.88	94.84	7.7	33.13	8.2	24.6	0.84
F08	14 Feb 2024	11	14.82	94.72	7.7	33.12	8.2	24.6	0.89
F08	14 Feb 2024	12	14.79	94.59	7.6	33.12	8.2	24.6	0.92
F08	14 Feb 2024	13	14.77	94.76	7.6	33.12	8.2	24.6	0.91
F08	14 Feb 2024	14	14.73	94.73	7.6	33.12	8.2	24.6	0.93
F08	14 Feb 2024	15	14.67	94.57	7.5	33.12	8.2	24.6	0.96
F08	14 Feb 2024	16	14.50	94.63	7.3	33.16	8.2	24.7	0.87
F08	14 Feb 2024	17	14.20	94.88	7.0	33.22	8.2	24.8	0.74
F08	14 Feb 2024	18	14.05	95.49	6.9	33.24	8.1	24.8	0.61
F08	14 Feb 2024	19	14.01	96.21	6.8	33.24	8.1	24.8	0.53
F08	14 Feb 2024	20	13.92	96.39	6.7	33.26	8.1	24.9	0.46
F08	14 Feb 2024	21	13.88	96.53	6.7	33.26	8.1	24.9	0.41
F08	14 Feb 2024	22	13.86	96.65	6.7	33.26	8.1	24.9	0.40
F08	14 Feb 2024	23	13.86	96.67	6.7	33.26	8.1	24.9	0.41
F08	14 Feb 2024	24	13.84	96.69	6.6	33.27	8.1	24.9	0.38
F08	14 Feb 2024	25	13.80	96.69	6.6	33.27	8.1	24.9	0.46
F08	14 Feb 2024	26	13.78	96.63	6.5	33.28	8.1	24.9	0.40
F08	14 Feb 2024	27	13.61	96.73	6.3	33.31	8.1	25.0	0.37
F08	14 Feb 2024	28	13.28	96.96	6.1	33.34	8.1	25.1	0.33
F08	14 Feb 2024	29	13.20	97.15	6.0	33.34	8.0	25.1	0.32
F08	14 Feb 2024	30	13.17	97.00	6.0	33.35	8.0	25.1	0.31
F08	14 Feb 2024	31	13.11	97.01	5.9	33.36	8.0	25.1	0.30
F08	14 Feb 2024	32	13.01	97.23	5.8	33.37	8.0	25.1	0.27
F08	14 Feb 2024	33	12.88	97.22	5.8	33.38	8.0	25.2	0.26
F08	14 Feb 2024	34	12.76	96.82	5.7	33.40	8.0	25.2	0.25
F08	14 Feb 2024	35	12.64	96.57	5.6	33.41	8.0	25.2	0.24
F08	14 Feb 2024	36	12.59	96.54	5.6	33.41	8.0	25.2	0.23
F08	14 Feb 2024	37	12.54	96.41	5.5	33.42	8.0	25.3	0.22
F08	14 Feb 2024	38	12.52	96.18	5.5	33.42	8.0	25.3	0.22
F08	14 Feb 2024	39	12.52	96.09	5.5	33.42	8.0	25.3	0.21
F08	14 Feb 2024	40	12.51	95.98	5.5	33.42	8.0	25.3	0.22
F08	14 Feb 2024	41	12.49	95.99	5.5	33.42	8.0	25.3	0.21
F08	14 Feb 2024	42	12.47	95.87	5.5	33.43	8.0	25.3	0.22
F08	14 Feb 2024	43	12.45	95.92	5.4	33.43	8.0	25.3	0.20
F08	14 Feb 2024	44	12.40	96.09	5.4	33.44	8.0	25.3	0.20
F08	14 Feb 2024	45	12.35	95.94	5.4	33.45	8.0	25.3	0.19

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F08	14 Feb 2024	46	12.33	95.90	5.4	33.45	8.0	25.3	0.19
F08	14 Feb 2024	47	12.27	95.71	5.3	33.46	8.0	25.3	0.18
F08	14 Feb 2024	48	12.25	95.48	5.3	33.46	8.0	25.3	0.18
F08	14 Feb 2024	49	12.23	95.62	5.3	33.46	8.0	25.4	0.18
F08	14 Feb 2024	50	12.20	95.88	5.3	33.47	8.0	25.4	0.18
F08	14 Feb 2024	51	12.16	95.84	5.3	33.48	8.0	25.4	0.17
F08	14 Feb 2024	52	12.15	95.81	5.3	33.48	8.0	25.4	0.17
F08	14 Feb 2024	53	12.13	95.79	5.2	33.48	8.0	25.4	0.18
F08	14 Feb 2024	54	12.09	95.80	5.2	33.49	7.9	25.4	0.16
F08	14 Feb 2024	55	12.05	95.85	5.2	33.49	7.9	25.4	0.16
F08	14 Feb 2024	56	11.98	95.94	5.1	33.51	7.9	25.4	0.16
F08	14 Feb 2024	57	11.90	95.53	5.1	33.52	7.9	25.5	0.15
F08	14 Feb 2024	58	11.88	94.31	5.1	33.52	7.9	25.5	0.15
F08	14 Feb 2024	59	11.87	93.65	5.0	33.52	7.9	25.5	0.15
F08	14 Feb 2024	60	11.87	93.36	5.0	33.52	7.9	25.5	0.15
F08	14 Feb 2024	61	11.87	93.02	5.0	33.52	7.9	25.5	0.15
F08	14 Feb 2024	62	11.87	92.98	5.0	33.52	7.9	25.5	0.14
F09	14 Feb 2024	1	15.06	93.69	8.2	33.02	8.2	24.4	0.45
F09	14 Feb 2024	2	15.02	93.46	8.2	33.02	8.2	24.4	0.52
F09	14 Feb 2024	3	15.01	92.73	8.2	33.02	8.2	24.4	0.63
F09	14 Feb 2024	4	15.02	92.57	8.1	33.04	8.2	24.5	0.69
F09	14 Feb 2024	5	15.03	92.64	8.1	33.05	8.2	24.5	0.76
F09	14 Feb 2024	6	15.07	93.01	7.8	33.08	8.2	24.5	0.73
F09	14 Feb 2024	7	15.02	93.69	7.7	33.14	8.2	24.5	0.57
F09	14 Feb 2024	8	14.98	95.05	7.6	33.15	8.2	24.5	0.48
F09	14 Feb 2024	9	14.88	95.89	7.6	33.14	8.2	24.6	0.54
F09	14 Feb 2024	10	14.77	95.82	7.6	33.14	8.2	24.6	0.61
F09	14 Feb 2024	11	14.72	95.36	7.5	33.14	8.2	24.6	0.63
F09	14 Feb 2024	12	14.59	95.08	7.4	33.14	8.2	24.6	0.65
F09	14 Feb 2024	13	14.36	94.80	7.3	33.17	8.2	24.7	0.59
F09	14 Feb 2024	14	14.31	94.94	7.2	33.17	8.1	24.7	0.59
F09	14 Feb 2024	15	14.23	95.29	7.1	33.19	8.1	24.7	0.55
F09	14 Feb 2024	16	14.12	95.65	7.0	33.20	8.1	24.8	0.51
F09	14 Feb 2024	17	14.04	95.73	6.9	33.22	8.1	24.8	0.49
F09	14 Feb 2024	18	14.01	95.93	6.9	33.22	8.1	24.8	0.46
F09	14 Feb 2024	19	13.90	96.10	6.8	33.23	8.1	24.8	0.44
F09	14 Feb 2024	20	13.77	96.12	6.7	33.25	8.1	24.9	0.40
F09	14 Feb 2024	21	13.63	96.43	6.6	33.26	8.1	24.9	0.38
F09	14 Feb 2024	22	13.62	96.50	6.5	33.28	8.1	24.9	0.35
F09	14 Feb 2024	23	13.56	96.78	6.4	33.30	8.1	25.0	0.31
F09	14 Feb 2024	24	13.46	97.03	6.3	33.30	8.1	25.0	0.29
F09	14 Feb 2024	25	13.42	96.39	6.3	33.31	8.1	25.0	0.30
F09	14 Feb 2024	26	13.41	95.69	6.3	33.31	8.1	25.0	0.30
F09	14 Feb 2024	27	13.41	95.57	6.2	33.31	8.1	25.0	0.29
F09	14 Feb 2024	28	13.38	95.52	6.2	33.31	8.1	25.0	0.31
F09	14 Feb 2024	29	13.30	95.40	6.2	33.32	8.0	25.0	0.29
F09	14 Feb 2024	30	13.27	95.67	6.2	33.33	8.0	25.0	0.29
F09	14 Feb 2024	31	13.22	95.61	6.1	33.33	8.0	25.1	0.28
F09	14 Feb 2024	32	13.19	95.53	6.1	33.33	8.0	25.1	0.28
F09	14 Feb 2024	33	13.12	95.55	6.0	33.34	8.0	25.1	0.27
F09	14 Feb 2024	34	13.08	95.66	6.0	33.34	8.0	25.1	0.26
F09	14 Feb 2024	35	13.05	95.64	6.0	33.35	8.0	25.1	0.26
F09	14 Feb 2024	36	13.01	95.80	5.9	33.35	8.0	25.1	0.25
F09	14 Feb 2024	37	12.97	95.93	5.9	33.36	8.0	25.1	0.25
F09	14 Feb 2024	38	12.94	96.04	5.9	33.36	8.0	25.1	0.25
F09	14 Feb 2024	39	12.92	95.79	5.9	33.36	8.0	25.1	0.25
F09	14 Feb 2024	40	12.87	95.37	5.8	33.37	8.0	25.2	0.24
F09	14 Feb 2024	41	12.80	95.38	5.8	33.38	8.0	25.2	0.23
F09	14 Feb 2024	42	12.76	95.62	5.7	33.38	8.0	25.2	0.24
F09	14 Feb 2024	43	12.70	95.68	5.7	33.38	8.0	25.2	0.23

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F09	14 Feb 2024	44	12.68	95.73	5.7	33.38	8.0	25.2	0.22
F09	14 Feb 2024	45	12.61	95.63	5.7	33.39	8.0	25.2	0.21
F09	14 Feb 2024	46	12.58	95.20	5.6	33.39	8.0	25.2	0.21
F09	14 Feb 2024	47	12.56	95.02	5.6	33.40	8.0	25.2	0.23
F09	14 Feb 2024	48	12.54	95.07	5.6	33.40	8.0	25.2	0.21
F09	14 Feb 2024	49	12.52	95.05	5.6	33.40	8.0	25.2	0.20
F09	14 Feb 2024	50	12.51	94.87	5.6	33.41	8.0	25.3	0.21
F09	14 Feb 2024	51	12.50	94.51	5.5	33.41	8.0	25.3	0.21
F09	14 Feb 2024	52	12.48	94.24	5.5	33.41	8.0	25.3	0.20
F09	14 Feb 2024	53	12.47	94.01	5.5	33.41	8.0	25.3	0.19
F09	14 Feb 2024	54	12.44	93.64	5.5	33.42	8.0	25.3	0.20
F09	14 Feb 2024	55	12.43	93.57	5.4	33.42	8.0	25.3	0.19
F09	14 Feb 2024	56	12.41	93.27	5.4	33.42	8.0	25.3	0.20
F09	14 Feb 2024	57	12.39	93.00	5.4	33.43	8.0	25.3	0.20
F09	14 Feb 2024	58	12.31	92.94	5.3	33.44	8.0	25.3	0.19
F09	14 Feb 2024	59	12.20	92.77	5.2	33.45	8.0	25.4	0.18
F09	14 Feb 2024	60	12.06	92.02	5.1	33.48	8.0	25.4	0.17
F09	14 Feb 2024	61	12.00	90.71	5.1	33.49	7.9	25.4	0.16
F09	14 Feb 2024	62	12.05	90.42	5.1	33.48	7.9	25.4	0.16
F10	14 Feb 2024	1	15.19	93.39	8.0	33.05	8.2	24.4	0.40
F10	14 Feb 2024	2	15.07	93.48	8.0	33.05	8.2	24.5	0.46
F10	14 Feb 2024	3	15.04	93.27	8.1	33.05	8.2	24.5	0.65
F10	14 Feb 2024	4	15.03	93.05	8.0	33.05	8.2	24.5	0.74
F10	14 Feb 2024	5	15.02	92.76	8.0	33.05	8.2	24.5	0.92
F10	14 Feb 2024	6	15.02	92.73	8.0	33.05	8.2	24.5	1.04
F10	14 Feb 2024	7	15.03	92.65	8.0	33.05	8.2	24.5	1.15
F10	14 Feb 2024	8	15.03	92.81	7.9	33.06	8.2	24.5	1.16
F10	14 Feb 2024	9	14.98	92.99	7.7	33.10	8.2	24.5	0.91
F10	14 Feb 2024	10	14.91	93.94	7.5	33.16	8.2	24.6	0.62
F10	14 Feb 2024	11	14.87	95.14	7.5	33.17	8.2	24.6	0.48
F10	14 Feb 2024	12	14.85	96.12	7.5	33.16	8.2	24.6	0.49
F10	14 Feb 2024	13	14.81	96.18	7.4	33.16	8.2	24.6	0.55
F10	14 Feb 2024	14	14.69	95.99	7.4	33.16	8.2	24.6	0.62
F10	14 Feb 2024	15	14.61	95.58	7.4	33.16	8.2	24.6	0.68
F10	14 Feb 2024	16	14.48	95.48	7.2	33.17	8.1	24.7	0.70
F10	14 Feb 2024	17	14.47	95.42	7.2	33.18	8.1	24.7	0.67
F10	14 Feb 2024	18	14.45	95.45	7.2	33.19	8.1	24.7	0.69
F10	14 Feb 2024	19	14.45	95.70	7.2	33.19	8.1	24.7	0.64
F10	14 Feb 2024	20	14.43	95.90	7.1	33.19	8.1	24.7	0.63
F10	14 Feb 2024	21	14.39	95.81	7.1	33.20	8.1	24.7	0.61
F10	14 Feb 2024	22	14.38	96.12	7.1	33.21	8.1	24.7	0.63
F10	14 Feb 2024	23	14.35	96.17	7.1	33.22	8.1	24.7	0.60
F10	14 Feb 2024	24	14.33	96.44	7.0	33.22	8.1	24.7	0.65
F10	14 Feb 2024	25	14.29	96.72	7.0	33.23	8.1	24.8	0.65
F10	14 Feb 2024	26	14.27	96.77	7.0	33.23	8.1	24.8	0.63
F10	14 Feb 2024	27	14.14	97.03	6.8	33.25	8.1	24.8	0.58
F10	14 Feb 2024	28	14.10	97.31	6.8	33.25	8.1	24.8	0.65
F10	14 Feb 2024	29	13.95	97.03	6.7	33.26	8.1	24.9	0.49
F10	14 Feb 2024	30	13.81	96.89	6.6	33.26	8.1	24.9	0.42
F10	14 Feb 2024	31	13.45	96.72	6.5	33.27	8.1	25.0	0.43
F10	14 Feb 2024	32	13.36	96.97	6.4	33.28	8.1	25.0	0.42
F10	14 Feb 2024	33	13.26	97.21	6.3	33.29	8.1	25.0	0.41
F10	14 Feb 2024	34	13.09	97.39	6.2	33.30	8.0	25.1	0.37
F10	14 Feb 2024	35	13.05	97.31	6.2	33.30	8.0	25.1	0.35
F10	14 Feb 2024	36	12.95	97.23	6.0	33.33	8.0	25.1	0.32
F10	14 Feb 2024	37	12.89	97.21	6.0	33.34	8.0	25.1	0.31
F10	14 Feb 2024	38	12.83	97.12	5.9	33.35	8.0	25.1	0.29
F10	14 Feb 2024	39	12.81	96.84	5.9	33.35	8.0	25.1	0.29
F10	14 Feb 2024	40	12.75	96.85	5.8	33.37	8.0	25.2	0.28
F10	14 Feb 2024	41	12.63	96.36	5.7	33.39	8.0	25.2	0.22

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F10	14 Feb 2024	42	12.52	95.97	5.6	33.40	8.0	25.2	0.22
F10	14 Feb 2024	43	12.49	94.80	5.5	33.41	8.0	25.3	0.20
F10	14 Feb 2024	44	12.48	93.20	5.5	33.40	8.0	25.3	0.21
F10	14 Feb 2024	45	12.48	92.13	5.5	33.41	8.0	25.3	0.21
F10	14 Feb 2024	46	12.48	91.70	5.5	33.41	8.0	25.3	0.20
F10	14 Feb 2024	47	12.47	91.52	5.5	33.41	8.0	25.3	0.20
F10	14 Feb 2024	48	12.47	91.37	5.5	33.41	8.0	25.3	0.20
F10	14 Feb 2024	49	12.46	91.32	5.4	33.41	8.0	25.3	0.21
F10	14 Feb 2024	50	12.40	91.29	5.4	33.42	8.0	25.3	0.19
F10	14 Feb 2024	51	12.38	91.94	5.4	33.43	8.0	25.3	0.18
F10	14 Feb 2024	52	12.38	92.87	5.4	33.43	8.0	25.3	0.19
F10	14 Feb 2024	53	12.32	92.87	5.3	33.44	8.0	25.3	0.17
F10	14 Feb 2024	54	12.24	92.47	5.2	33.45	8.0	25.3	0.17
F10	14 Feb 2024	55	12.21	91.97	5.2	33.45	7.9	25.3	0.16
F10	14 Feb 2024	56	12.20	91.73	5.2	33.45	7.9	25.4	0.15
F10	14 Feb 2024	57	12.20	91.58	5.2	33.45	7.9	25.4	0.16
F10	14 Feb 2024	58	12.20	91.54	5.2	33.45	7.9	25.4	0.16
F10	14 Feb 2024	59	12.20	91.42	5.2	33.45	7.9	25.4	0.16
F10	14 Feb 2024	60	12.16	91.93	5.2	33.46	7.9	25.4	0.16
F10	14 Feb 2024	61	12.13	92.31	5.2	33.47	7.9	25.4	0.15
F10	14 Feb 2024	62	12.14	91.73	5.1	33.47	7.9	25.4	0.15
F11	14 Feb 2024	1	15.22	87.15	8.7	32.94	8.2	24.3	1.65
F11	14 Feb 2024	2	15.21	87.41	8.7	32.94	8.2	24.3	1.57
F11	14 Feb 2024	3	15.20	87.69	8.7	32.94	8.2	24.3	1.83
F11	14 Feb 2024	4	15.16	87.10	8.7	32.94	8.2	24.4	2.47
F11	14 Feb 2024	5	15.14	86.59	8.7	32.94	8.2	24.4	3.21
F11	14 Feb 2024	6	15.14	86.59	8.7	32.94	8.2	24.4	3.77
F11	14 Feb 2024	7	15.13	86.55	8.6	32.95	8.2	24.4	4.32
F11	14 Feb 2024	8	15.12	86.39	8.5	32.95	8.2	24.4	4.40
F11	14 Feb 2024	9	15.09	86.63	8.3	32.97	8.2	24.4	3.84
F11	14 Feb 2024	10	15.07	87.63	7.9	32.99	8.2	24.4	3.08
F11	14 Feb 2024	11	15.06	89.02	7.6	33.03	8.2	24.4	2.33
F11	14 Feb 2024	12	15.06	90.53	7.5	33.06	8.2	24.5	1.46
F11	14 Feb 2024	13	15.04	91.56	7.4	33.11	8.2	24.5	0.88
F11	14 Feb 2024	14	14.95	93.38	7.4	33.15	8.2	24.6	0.57
F11	14 Feb 2024	15	14.85	94.63	7.4	33.17	8.2	24.6	0.45
F11	14 Feb 2024	16	14.75	95.81	7.3	33.19	8.2	24.6	0.37
F11	14 Feb 2024	17	14.71	96.43	7.2	33.19	8.1	24.6	0.34
F11	14 Feb 2024	18	14.63	96.75	7.2	33.20	8.1	24.7	0.34
F11	14 Feb 2024	19	14.60	96.90	7.1	33.21	8.1	24.7	0.33
F11	14 Feb 2024	20	14.48	97.03	7.0	33.22	8.1	24.7	0.35
F11	14 Feb 2024	21	14.32	96.73	7.0	33.23	8.1	24.8	0.39
F11	14 Feb 2024	22	14.30	96.83	6.9	33.23	8.1	24.8	0.41
F11	14 Feb 2024	23	14.29	96.90	6.9	33.23	8.1	24.8	0.42
F11	14 Feb 2024	24	14.25	96.93	6.9	33.24	8.1	24.8	0.42
F11	14 Feb 2024	25	14.21	97.06	6.9	33.24	8.1	24.8	0.44
F11	14 Feb 2024	26	14.17	97.24	6.8	33.25	8.1	24.8	0.42
F11	14 Feb 2024	27	14.08	97.40	6.7	33.26	8.1	24.8	0.42
F11	14 Feb 2024	28	13.99	97.50	6.7	33.27	8.1	24.8	0.42
F11	14 Feb 2024	29	13.92	97.52	6.6	33.27	8.1	24.9	0.40
F11	14 Feb 2024	30	13.70	97.53	6.5	33.28	8.1	24.9	0.46
F11	14 Feb 2024	31	13.57	97.55	6.4	33.29	8.1	25.0	0.47
F11	14 Feb 2024	32	13.51	97.62	6.3	33.30	8.1	25.0	0.47
F11	14 Feb 2024	33	13.43	97.64	6.2	33.31	8.1	25.0	0.49
F11	14 Feb 2024	34	13.10	97.80	6.1	33.33	8.0	25.1	0.39
F11	14 Feb 2024	35	12.89	97.73	6.0	33.32	8.0	25.1	0.32
F11	14 Feb 2024	36	12.80	97.36	6.0	33.33	8.0	25.1	0.28
F11	14 Feb 2024	37	12.73	97.02	5.9	33.34	8.0	25.2	0.26
F11	14 Feb 2024	38	12.68	96.92	5.8	33.36	8.0	25.2	0.23
F11	14 Feb 2024	39	12.61	97.04	5.7	33.38	8.0	25.2	0.23

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F11	14 Feb 2024	40	12.51	97.03	5.6	33.39	8.0	25.2	0.21
F11	14 Feb 2024	41	12.43	96.50	5.5	33.41	8.0	25.3	0.20
F11	14 Feb 2024	42	12.40	94.95	5.5	33.41	8.0	25.3	0.20
F11	14 Feb 2024	43	12.39	94.28	5.5	33.41	8.0	25.3	0.19
F11	14 Feb 2024	44	12.39	94.08	5.5	33.42	8.0	25.3	0.19
F11	14 Feb 2024	45	12.38	93.97	5.4	33.42	8.0	25.3	0.19
F11	14 Feb 2024	46	12.37	93.47	5.4	33.42	8.0	25.3	0.20
F11	14 Feb 2024	47	12.37	92.96	5.4	33.42	8.0	25.3	0.19
F11	14 Feb 2024	48	12.37	92.71	5.4	33.42	8.0	25.3	0.19
F11	14 Feb 2024	49	12.36	92.46	5.4	33.42	8.0	25.3	0.19
F11	14 Feb 2024	50	12.36	92.61	5.4	33.42	8.0	25.3	0.19
F11	14 Feb 2024	51	12.35	92.51	5.3	33.43	8.0	25.3	0.19
F11	14 Feb 2024	52	12.29	92.43	5.3	33.44	8.0	25.3	0.19
F11	14 Feb 2024	53	12.22	92.23	5.2	33.45	8.0	25.3	0.17
F11	14 Feb 2024	54	12.14	91.83	5.2	33.46	8.0	25.4	0.17
F11	14 Feb 2024	55	12.05	91.39	5.1	33.48	7.9	25.4	0.16
F11	14 Feb 2024	56	12.04	91.09	5.1	33.48	7.9	25.4	0.15
F11	14 Feb 2024	57	12.03	91.23	5.1	33.48	7.9	25.4	0.15
F11	14 Feb 2024	58	12.02	91.38	5.1	33.48	7.9	25.4	0.14
F11	14 Feb 2024	59	12.01	91.38	5.0	33.48	7.9	25.4	0.14
F11	14 Feb 2024	60	11.96	91.61	5.0	33.49	7.9	25.4	0.14
F11	14 Feb 2024	61	11.97	91.65	5.0	33.49	7.9	25.4	0.14
F12	14 Feb 2024	1	15.02	87.43	8.3	32.92	8.2	24.4	1.08
F12	14 Feb 2024	2	15.02	87.62	8.3	32.93	8.2	24.4	1.21
F12	14 Feb 2024	3	15.01	88.25	8.2	32.95	8.2	24.4	1.32
F12	14 Feb 2024	4	15.03	89.13	8.2	32.98	8.2	24.4	1.36
F12	14 Feb 2024	5	15.02	89.91	8.2	32.97	8.2	24.4	1.48
F12	14 Feb 2024	6	15.03	90.29	8.1	32.98	8.2	24.4	1.63
F12	14 Feb 2024	7	15.04	90.35	8.1	32.98	8.2	24.4	1.83
F12	14 Feb 2024	8	15.04	90.39	8.1	32.98	8.2	24.4	1.92
F12	14 Feb 2024	9	15.04	90.29	8.1	32.98	8.2	24.4	1.97
F12	14 Feb 2024	10	15.04	90.33	8.1	32.98	8.2	24.4	1.98
F12	14 Feb 2024	11	15.05	90.15	8.1	32.99	8.2	24.4	1.91
F12	14 Feb 2024	12	15.06	90.42	8.1	32.99	8.2	24.4	2.01
F12	14 Feb 2024	13	15.07	90.81	8.1	32.99	8.2	24.4	1.88
F12	14 Feb 2024	14	15.04	91.03	7.9	33.03	8.2	24.4	1.67
F12	14 Feb 2024	15	14.96	92.80	7.7	33.08	8.2	24.5	1.23
F12	14 Feb 2024	16	14.90	93.71	7.6	33.11	8.2	24.5	1.09
F12	14 Feb 2024	17	14.82	94.15	7.4	33.13	8.2	24.6	0.98
F12	14 Feb 2024	18	14.66	94.93	7.2	33.18	8.2	24.6	0.68
F12	14 Feb 2024	19	14.63	95.63	7.2	33.18	8.1	24.6	0.59
F12	14 Feb 2024	20	14.54	95.72	7.1	33.20	8.1	24.7	0.52
F12	14 Feb 2024	21	14.45	96.04	7.0	33.21	8.1	24.7	0.47
F12	14 Feb 2024	22	14.23	96.67	6.8	33.24	8.1	24.8	0.44
F12	14 Feb 2024	23	13.99	96.92	6.7	33.27	8.1	24.8	0.38
F12	14 Feb 2024	24	13.93	97.12	6.6	33.27	8.1	24.9	0.38
F12	14 Feb 2024	25	13.83	97.11	6.5	33.28	8.1	24.9	0.35
F12	14 Feb 2024	26	13.81	97.21	6.5	33.28	8.1	24.9	0.34
F12	14 Feb 2024	27	13.77	97.12	6.5	33.28	8.1	24.9	0.34
F12	14 Feb 2024	28	13.76	97.24	6.4	33.28	8.1	24.9	0.33
F12	14 Feb 2024	29	13.73	97.35	6.4	33.29	8.1	24.9	0.33
F12	14 Feb 2024	30	13.70	97.32	6.4	33.29	8.1	24.9	0.33
F12	14 Feb 2024	31	13.68	97.33	6.4	33.29	8.1	24.9	0.34
F12	14 Feb 2024	32	13.62	97.37	6.3	33.30	8.1	24.9	0.34
F12	14 Feb 2024	33	13.54	97.41	6.3	33.30	8.1	25.0	0.36
F12	14 Feb 2024	34	13.52	97.42	6.2	33.30	8.1	25.0	0.33
F12	14 Feb 2024	35	13.46	97.43	6.2	33.31	8.0	25.0	0.31
F12	14 Feb 2024	36	13.36	97.38	6.2	33.32	8.0	25.0	0.31
F12	14 Feb 2024	37	13.36	97.53	6.1	33.32	8.0	25.0	0.30
F12	14 Feb 2024	38	13.17	97.54	6.0	33.34	8.0	25.1	0.29



Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F12	14 Feb 2024	39	13.04	97.59	5.9	33.36	8.0	25.1	0.29
F12	14 Feb 2024	40	13.02	97.68	5.8	33.36	8.0	25.1	0.28
F12	14 Feb 2024	41	12.98	97.66	5.8	33.36	8.0	25.1	0.28
F12	14 Feb 2024	42	12.88	97.67	5.9	33.35	8.0	25.1	0.26
F12	14 Feb 2024	43	12.79	97.28	5.9	33.35	8.0	25.2	0.25
F12	14 Feb 2024	44	12.75	97.06	5.8	33.36	8.0	25.2	0.22
F12	14 Feb 2024	45	12.69	97.16	5.7	33.37	8.0	25.2	0.22
F12	14 Feb 2024	46	12.63	96.97	5.7	33.37	8.0	25.2	0.20
F12	14 Feb 2024	47	12.56	97.03	5.6	33.38	8.0	25.2	0.19
F12	14 Feb 2024	48	12.52	96.97	5.6	33.40	8.0	25.2	0.18
F12	14 Feb 2024	49	12.48	96.84	5.5	33.40	8.0	25.3	0.19
F12	14 Feb 2024	50	12.44	96.86	5.5	33.41	8.0	25.3	0.18
F12	14 Feb 2024	51	12.41	96.34	5.5	33.41	8.0	25.3	0.18
F12	14 Feb 2024	52	12.38	95.97	5.4	33.42	8.0	25.3	0.17
F12	14 Feb 2024	53	12.33	95.53	5.4	33.43	8.0	25.3	0.16
F12	14 Feb 2024	54	12.31	95.33	5.4	33.43	8.0	25.3	0.17
F12	14 Feb 2024	55	12.31	94.89	5.3	33.43	8.0	25.3	0.16
F12	14 Feb 2024	56	12.31	94.37	5.3	33.43	8.0	25.3	0.17
F12	14 Feb 2024	57	12.31	93.81	5.3	33.43	8.0	25.3	0.17
F12	14 Feb 2024	58	12.31	93.76	5.3	33.43	8.0	25.3	0.17
F12	14 Feb 2024	59	12.30	93.79	5.3	33.43	8.0	25.3	0.17
F12	14 Feb 2024	60	12.28	93.50	5.3	33.44	8.0	25.3	0.17
F12	14 Feb 2024	61	12.28	92.95	5.3	33.44	8.0	25.3	0.16
F12	14 Feb 2024	62	12.26	92.17	5.2	33.44	7.9	25.3	0.16
F13	14 Feb 2024	1	15.00	89.01	8.3	32.95	8.2	24.4	1.69
F13	14 Feb 2024	2	15.01	89.04	8.3	32.95	8.2	24.4	1.56
F13	14 Feb 2024	3	15.01	89.02	8.3	32.95	8.2	24.4	1.55
F13	14 Feb 2024	4	15.01	89.21	8.3	32.95	8.2	24.4	1.58
F13	14 Feb 2024	5	14.99	89.38	8.3	32.95	8.2	24.4	2.15
F13	14 Feb 2024	6	14.99	88.85	8.3	32.95	8.2	24.4	2.78
F13	14 Feb 2024	7	14.99	88.42	8.3	32.95	8.2	24.4	3.19
F13	14 Feb 2024	8	14.99	88.06	8.2	32.96	8.2	24.4	3.40
F13	14 Feb 2024	9	14.99	88.07	8.2	32.96	8.2	24.4	3.62
F13	14 Feb 2024	10	14.99	87.75	8.2	32.96	8.2	24.4	3.62
F13	14 Feb 2024	11	14.99	87.93	8.2	32.97	8.2	24.4	3.58
F13	14 Feb 2024	12	15.00	88.44	8.2	32.98	8.2	24.4	2.98
F13	14 Feb 2024	13	14.99	89.25	8.1	32.99	8.2	24.4	2.52
F13	14 Feb 2024	14	14.85	90.68	7.7	33.07	8.2	24.5	1.97
F13	14 Feb 2024	15	14.63	92.35	7.4	33.14	8.2	24.6	1.36
F13	14 Feb 2024	16	14.54	93.42	7.3	33.16	8.2	24.6	1.08
F13	14 Feb 2024	17	14.44	93.83	7.2	33.18	8.1	24.7	0.90
F13	14 Feb 2024	18	14.34	94.12	7.1	33.20	8.1	24.7	0.74
F13	14 Feb 2024	19	14.30	94.75	7.0	33.22	8.1	24.7	0.62
F13	14 Feb 2024	20	14.23	95.75	7.0	33.23	8.1	24.8	0.55
F13	14 Feb 2024	21	14.17	96.21	6.9	33.24	8.1	24.8	0.53
F13	14 Feb 2024	22	14.17	96.49	6.9	33.24	8.1	24.8	0.50
F13	14 Feb 2024	23	14.16	96.65	6.9	33.24	8.1	24.8	0.52
F13	14 Feb 2024	24	14.14	96.61	6.8	33.24	8.1	24.8	0.50
F13	14 Feb 2024	25	14.06	96.51	6.7	33.25	8.1	24.8	0.49
F13	14 Feb 2024	26	13.95	96.54	6.7	33.26	8.1	24.9	0.44
F13	14 Feb 2024	27	13.93	96.57	6.7	33.26	8.1	24.9	0.42
F13	14 Feb 2024	28	13.87	96.56	6.6	33.27	8.1	24.9	0.42
F13	14 Feb 2024	29	13.78	96.48	6.5	33.27	8.1	24.9	0.40
F13	14 Feb 2024	30	13.67	96.22	6.4	33.29	8.1	24.9	0.39
F13	14 Feb 2024	31	13.58	96.36	6.3	33.30	8.1	25.0	0.35
F13	14 Feb 2024	32	13.49	96.67	6.2	33.31	8.1	25.0	0.35
F13	14 Feb 2024	33	13.47	97.11	6.2	33.32	8.1	25.0	0.35
F13	14 Feb 2024	34	13.44	97.22	6.2	33.32	8.0	25.0	0.35
F13	14 Feb 2024	35	13.39	97.36	6.1	33.33	8.0	25.0	0.34
F13	14 Feb 2024	36	13.35	97.52	6.1	33.33	8.0	25.0	0.35

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F13	14 Feb 2024	37	13.32	97.51	6.1	33.34	8.0	25.0	0.34
F13	14 Feb 2024	38	13.29	97.59	6.0	33.34	8.0	25.0	0.41
F13	14 Feb 2024	39	13.22	97.51	6.0	33.34	8.0	25.1	0.35
F13	14 Feb 2024	40	13.17	97.44	5.9	33.35	8.0	25.1	0.31
F13	14 Feb 2024	41	13.15	97.51	5.9	33.35	8.0	25.1	0.30
F13	14 Feb 2024	42	13.06	97.51	5.8	33.36	8.0	25.1	0.31
F13	14 Feb 2024	43	12.97	97.43	5.8	33.36	8.0	25.1	0.29
F13	14 Feb 2024	44	12.95	97.44	5.8	33.36	8.0	25.1	0.28
F13	14 Feb 2024	45	12.94	97.44	5.8	33.36	8.0	25.1	0.27
F13	14 Feb 2024	46	12.91	97.45	5.8	33.36	8.0	25.1	0.27
F13	14 Feb 2024	47	12.86	97.38	5.8	33.36	8.0	25.2	0.25
F13	14 Feb 2024	48	12.77	97.27	5.7	33.37	8.0	25.2	0.23
F13	14 Feb 2024	49	12.59	97.15	5.7	33.37	8.0	25.2	0.30
F13	14 Feb 2024	50	12.55	96.85	5.6	33.39	8.0	25.2	0.22
F13	14 Feb 2024	51	12.54	96.80	5.6	33.39	8.0	25.2	0.20
F13	14 Feb 2024	52	12.53	96.62	5.6	33.39	8.0	25.2	0.20
F13	14 Feb 2024	53	12.50	96.33	5.6	33.39	8.0	25.2	0.20
F13	14 Feb 2024	54	12.45	96.15	5.5	33.40	8.0	25.3	0.20
F13	14 Feb 2024	55	12.42	95.47	5.5	33.41	8.0	25.3	0.19
F13	14 Feb 2024	56	12.36	95.21	5.4	33.41	8.0	25.3	0.19
F13	14 Feb 2024	57	12.29	94.18	5.3	33.42	8.0	25.3	0.17
F13	14 Feb 2024	58	12.24	93.75	5.3	33.43	8.0	25.3	0.16
F13	14 Feb 2024	59	12.22	93.39	5.2	33.43	8.0	25.3	0.16
F13	14 Feb 2024	60	12.21	92.84	5.2	33.43	8.0	25.3	0.16
F13	14 Feb 2024	61	12.21	91.94	5.2	33.43	7.9	25.3	0.15
F14	14 Feb 2024	1	15.01	87.97	8.5	32.83	8.2	24.3	0.97
F14	14 Feb 2024	2	15.00	87.95	8.5	32.84	8.2	24.3	1.22
F14	14 Feb 2024	3	14.97	87.59	8.2	32.93	8.2	24.4	1.92
F14	14 Feb 2024	4	15.02	87.36	7.8	33.02	8.2	24.4	1.83
F14	14 Feb 2024	5	14.91	88.86	7.4	33.11	8.2	24.5	1.40
F14	14 Feb 2024	6	14.59	91.88	7.2	33.19	8.2	24.7	0.80
F14	14 Feb 2024	7	14.61	92.82	7.2	33.18	8.2	24.7	0.64
F14	14 Feb 2024	8	14.58	93.63	7.1	33.19	8.1	24.7	0.57
F14	14 Feb 2024	9	14.60	94.38	7.2	33.18	8.1	24.7	0.58
F14	14 Feb 2024	10	14.59	94.31	7.2	33.19	8.1	24.7	0.58
F14	14 Feb 2024	11	14.55	94.44	7.1	33.19	8.1	24.7	0.55
F14	14 Feb 2024	12	14.51	94.68	7.1	33.20	8.1	24.7	0.51
F14	14 Feb 2024	13	14.48	94.80	7.0	33.20	8.1	24.7	0.51
F14	14 Feb 2024	14	14.45	94.90	7.0	33.21	8.1	24.7	0.47
F14	14 Feb 2024	15	14.31	95.00	6.9	33.22	8.1	24.8	0.43
F14	14 Feb 2024	16	14.20	94.94	6.8	33.24	8.1	24.8	0.39
F14	14 Feb 2024	17	14.14	95.42	6.7	33.25	8.1	24.8	0.37
F14	14 Feb 2024	18	14.10	95.88	6.7	33.25	8.1	24.8	0.35
F14	14 Feb 2024	19	14.08	96.03	6.7	33.25	8.1	24.8	0.34
F14	14 Feb 2024	20	14.06	95.82	6.7	33.25	8.1	24.8	0.37
F14	14 Feb 2024	21	14.02	95.42	6.7	33.25	8.1	24.8	0.38
F14	14 Feb 2024	22	13.94	95.52	6.6	33.26	8.1	24.9	0.36
F14	14 Feb 2024	23	13.91	95.63	6.6	33.27	8.1	24.9	0.34
F14	14 Feb 2024	24	13.87	95.76	6.5	33.27	8.1	24.9	0.34
F14	14 Feb 2024	25	13.84	95.76	6.5	33.27	8.1	24.9	0.34
F14	14 Feb 2024	26	13.82	95.64	6.5	33.27	8.1	24.9	0.35
F14	14 Feb 2024	27	13.81	95.34	6.5	33.27	8.1	24.9	0.36
F14	14 Feb 2024	28	13.78	95.07	6.4	33.27	8.1	24.9	0.39
F14	14 Feb 2024	29	13.76	94.62	6.4	33.27	8.1	24.9	0.39
F14	14 Feb 2024	30	13.74	94.28	6.4	33.27	8.1	24.9	0.40
F14	14 Feb 2024	31	13.68	94.19	6.3	33.28	8.1	24.9	0.41
F14	14 Feb 2024	32	13.58	93.85	6.2	33.29	8.1	24.9	0.36
F14	14 Feb 2024	33	13.45	93.61	6.2	33.30	8.1	25.0	0.33
F14	14 Feb 2024	34	13.32	93.88	6.1	33.31	8.0	25.0	0.30
F14	14 Feb 2024	35	13.13	94.15	6.1	33.31	8.0	25.1	0.28

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F14	14 Feb 2024	36	13.07	94.56	6.1	33.31	8.0	25.1	0.26
F14	14 Feb 2024	37	12.95	95.27	6.0	33.32	8.0	25.1	0.25
F14	14 Feb 2024	38	12.92	95.69	6.0	33.32	8.0	25.1	0.25
F14	14 Feb 2024	39	12.90	96.17	6.0	33.33	8.0	25.1	0.25
F14	14 Feb 2024	40	12.88	96.41	6.0	33.33	8.0	25.1	0.24
F14	14 Feb 2024	41	12.86	96.51	6.0	33.33	8.0	25.1	0.24
F14	14 Feb 2024	42	12.84	96.55	6.0	33.33	8.0	25.1	0.28
F14	14 Feb 2024	43	12.84	96.40	5.9	33.33	8.0	25.1	0.26
F14	14 Feb 2024	44	12.83	96.51	5.9	33.33	8.0	25.1	0.24
F14	14 Feb 2024	45	12.79	96.62	5.9	33.33	8.0	25.1	0.23
F14	14 Feb 2024	46	12.77	96.57	5.9	33.34	8.0	25.1	0.23
F14	14 Feb 2024	47	12.75	96.07	5.8	33.34	8.0	25.2	0.21
F14	14 Feb 2024	48	12.72	95.37	5.8	33.34	8.0	25.2	0.22
F14	14 Feb 2024	49	12.71	94.90	5.8	33.35	8.0	25.2	0.21
F14	14 Feb 2024	50	12.71	94.36	5.7	33.35	8.0	25.2	0.21
F14	14 Feb 2024	51	12.71	93.92	5.7	33.35	8.0	25.2	0.21
F14	14 Feb 2024	52	12.71	93.56	5.7	33.35	8.0	25.2	0.21
F14	14 Feb 2024	53	12.62	93.22	5.6	33.37	8.0	25.2	0.19
F14	14 Feb 2024	54	12.49	92.69	5.5	33.39	8.0	25.2	0.18
F14	14 Feb 2024	55	12.40	92.34	5.4	33.40	8.0	25.3	0.17
F14	14 Feb 2024	56	12.35	92.15	5.4	33.41	8.0	25.3	0.16
F14	14 Feb 2024	57	12.34	91.85	5.4	33.41	8.0	25.3	0.15
F14	14 Feb 2024	58	12.34	91.81	5.4	33.41	8.0	25.3	0.16
F14	14 Feb 2024	59	12.32	91.85	5.3	33.41	8.0	25.3	0.16
F14	14 Feb 2024	60	12.31	91.50	5.3	33.41	8.0	25.3	0.18
F14	14 Feb 2024	61	12.32	91.26	5.3	33.41	8.0	25.3	0.17
F15	15 Feb 2024	1	15.17	95.32	8.1	33.05	8.2	24.4	0.13
F15	15 Feb 2024	2	15.18	95.13	8.2	33.05	8.2	24.4	0.13
F15	15 Feb 2024	3	15.18	95.84	8.1	33.05	8.2	24.4	0.13
F15	15 Feb 2024	4	15.14	95.83	8.1	33.05	8.2	24.4	0.14
F15	15 Feb 2024	5	15.09	95.80	8.1	33.05	8.2	24.5	0.16
F15	15 Feb 2024	6	15.03	95.67	8.1	33.06	8.2	24.5	0.17
F15	15 Feb 2024	7	15.03	95.62	8.1	33.06	8.2	24.5	0.20
F15	15 Feb 2024	8	15.02	95.66	8.1	33.06	8.2	24.5	0.20
F15	15 Feb 2024	9	15.02	94.84	8.1	33.06	8.2	24.5	0.23
F15	15 Feb 2024	10	15.02	95.48	8.1	33.06	8.2	24.5	0.25
F15	15 Feb 2024	11	15.02	95.66	8.1	33.06	8.2	24.5	0.26
F15	15 Feb 2024	12	15.02	95.64	8.1	33.07	8.2	24.5	0.27
F15	15 Feb 2024	13	15.02	95.80	8.1	33.07	8.2	24.5	0.31
F15	15 Feb 2024	14	15.02	95.86	8.1	33.07	8.2	24.5	0.33
F15	15 Feb 2024	15	15.01	95.86	8.1	33.08	8.2	24.5	0.36
F15	15 Feb 2024	16	15.00	95.92	8.1	33.08	8.2	24.5	0.38
F15	15 Feb 2024	17	15.00	96.02	8.1	33.08	8.2	24.5	0.39
F15	15 Feb 2024	18	14.99	96.08	8.1	33.08	8.2	24.5	0.40
F15	15 Feb 2024	19	14.99	96.13	8.1	33.08	8.2	24.5	0.42
F15	15 Feb 2024	20	14.99	96.12	8.1	33.08	8.2	24.5	0.45
F15	15 Feb 2024	21	14.98	96.24	8.1	33.08	8.2	24.5	0.46
F15	15 Feb 2024	22	14.98	96.16	8.1	33.08	8.2	24.5	0.48
F15	15 Feb 2024	23	14.98	96.20	8.1	33.08	8.2	24.5	0.53
F15	15 Feb 2024	24	14.97	96.21	8.0	33.08	8.2	24.5	0.58
F15	15 Feb 2024	25	14.96	96.16	8.0	33.09	8.2	24.5	0.63
F15	15 Feb 2024	26	14.96	96.11	8.0	33.09	8.2	24.5	0.66
F15	15 Feb 2024	27	14.96	95.98	8.0	33.09	8.2	24.5	0.66
F15	15 Feb 2024	28	14.95	95.95	8.0	33.09	8.2	24.5	0.66
F15	15 Feb 2024	29	14.95	96.12	8.0	33.09	8.2	24.5	0.65
F15	15 Feb 2024	30	14.94	96.10	8.0	33.09	8.2	24.5	0.64
F15	15 Feb 2024	31	14.88	96.12	7.9	33.10	8.2	24.5	0.76
F15	15 Feb 2024	32	14.85	95.72	7.9	33.11	8.2	24.5	0.89
F15	15 Feb 2024	33	14.84	95.61	7.8	33.11	8.2	24.5	0.96
F15	15 Feb 2024	34	14.83	95.47	7.8	33.11	8.2	24.6	0.99

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F15	15 Feb 2024	35	14.83	95.54	7.8	33.11	8.2	24.6	0.98
F15	15 Feb 2024	36	14.81	95.59	7.7	33.12	8.2	24.6	1.03
F15	15 Feb 2024	37	14.64	95.57	7.5	33.15	8.2	24.6	1.05
F15	15 Feb 2024	38	14.32	95.78	7.2	33.20	8.2	24.7	0.93
F15	15 Feb 2024	39	14.20	96.04	7.1	33.21	8.1	24.8	0.82
F15	15 Feb 2024	40	14.13	96.16	7.1	33.22	8.1	24.8	0.77
F15	15 Feb 2024	41	14.12	96.24	7.1	33.22	8.1	24.8	0.75
F15	15 Feb 2024	42	14.10	96.28	7.0	33.22	8.1	24.8	0.73
F15	15 Feb 2024	43	14.04	96.23	7.0	33.23	8.1	24.8	0.76
F15	15 Feb 2024	44	14.00	96.22	6.9	33.23	8.1	24.8	0.74
F15	15 Feb 2024	45	13.91	96.28	6.8	33.24	8.1	24.9	0.67
F15	15 Feb 2024	46	13.79	96.27	6.6	33.26	8.1	24.9	0.62
F15	15 Feb 2024	47	13.50	96.14	6.4	33.30	8.1	25.0	0.55
F15	15 Feb 2024	48	13.29	96.31	6.2	33.32	8.1	25.0	0.47
F15	15 Feb 2024	49	13.15	96.35	6.1	33.34	8.0	25.1	0.40
F15	15 Feb 2024	50	13.06	96.39	6.0	33.35	8.0	25.1	0.38
F15	15 Feb 2024	51	12.88	96.30	5.8	33.38	8.0	25.2	0.31
F15	15 Feb 2024	52	12.57	96.32	5.5	33.42	8.0	25.3	0.25
F15	15 Feb 2024	53	12.25	96.39	5.4	33.46	8.0	25.3	0.19
F15	15 Feb 2024	54	12.06	96.49	5.2	33.49	8.0	25.4	0.16
F15	15 Feb 2024	55	11.97	96.54	5.2	33.50	8.0	25.4	0.13
F15	15 Feb 2024	56	11.95	96.57	5.1	33.50	8.0	25.4	0.13
F15	15 Feb 2024	57	11.94	96.58	5.1	33.51	7.9	25.4	0.12
F15	15 Feb 2024	58	11.92	96.59	5.1	33.51	7.9	25.4	0.11
F15	15 Feb 2024	59	11.82	96.55	5.0	33.52	7.9	25.5	0.10
F15	15 Feb 2024	60	11.72	96.49	4.9	33.54	7.9	25.5	0.10
F15	15 Feb 2024	61	11.63	96.55	4.9	33.57	7.9	25.5	0.11
F15	15 Feb 2024	62	11.54	96.80	4.8	33.59	7.9	25.6	0.09
F15	15 Feb 2024	63	11.47	96.94	4.8	33.60	7.9	25.6	0.08
F15	15 Feb 2024	64	11.44	96.95	4.8	33.61	7.9	25.6	0.08
F15	15 Feb 2024	65	11.41	97.01	4.7	33.62	7.9	25.6	0.08
F15	15 Feb 2024	66	11.36	97.02	4.7	33.63	7.9	25.6	0.07
F15	15 Feb 2024	67	11.30	97.08	4.7	33.65	7.9	25.7	0.07
F15	15 Feb 2024	68	11.29	97.04	4.7	33.65	7.9	25.7	0.07
F15	15 Feb 2024	69	11.26	96.92	4.7	33.66	7.9	25.7	0.07
F15	15 Feb 2024	70	11.25	96.71	4.6	33.66	7.9	25.7	0.06
F15	15 Feb 2024	71	11.24	96.53	4.6	33.66	7.9	25.7	0.07
F15	15 Feb 2024	72	11.21	95.90	4.6	33.67	7.9	25.7	0.07
F15	15 Feb 2024	73	11.21	94.90	4.6	33.67	7.9	25.7	0.07
F15	15 Feb 2024	74	11.17	94.36	4.5	33.68	7.9	25.7	0.07
F15	15 Feb 2024	75	11.17	94.00	4.5	33.69	7.9	25.7	0.07
F15	15 Feb 2024	76	11.15	94.06	4.5	33.69	7.9	25.7	0.07
F15	15 Feb 2024	77	11.13	94.11	4.5	33.70	7.9	25.7	0.06
F15	15 Feb 2024	78	11.11	94.16	4.4	33.70	7.9	25.7	0.06
F15	15 Feb 2024	79	11.03	93.99	4.3	33.73	7.9	25.8	0.07
F15	15 Feb 2024	80	11.01	93.55	4.3	33.74	7.9	25.8	0.06
F15	15 Feb 2024	81	10.97	93.17	4.3	33.75	7.9	25.8	0.06
F15	15 Feb 2024	82	11.03	92.80	4.3	33.73	7.9	25.8	0.06
F16	15 Feb 2024	1	15.19	95.87	8.3	32.99	8.2	24.4	0.18
F16	15 Feb 2024	2	15.13	96.07	8.3	32.99	8.2	24.4	0.19
F16	15 Feb 2024	3	15.11	96.13	8.3	32.99	8.2	24.4	0.23
F16	15 Feb 2024	4	15.10	96.13	8.3	32.99	8.2	24.4	0.22
F16	15 Feb 2024	5	15.09	96.08	8.2	32.99	8.2	24.4	0.23
F16	15 Feb 2024	6	15.09	96.25	8.2	32.99	8.2	24.4	0.24
F16	15 Feb 2024	7	15.09	96.08	8.3	33.00	8.2	24.4	0.26
F16	15 Feb 2024	8	15.08	96.38	8.2	33.00	8.2	24.4	0.28
F16	15 Feb 2024	9	15.08	96.37	8.2	33.00	8.2	24.4	0.30
F16	15 Feb 2024	10	15.07	96.35	8.2	33.00	8.2	24.4	0.37
F16	15 Feb 2024	11	15.07	96.56	8.2	33.00	8.2	24.4	0.36
F16	15 Feb 2024	12	15.07	96.50	8.2	33.00	8.2	24.4	0.38

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F16	15 Feb 2024	13	15.06	96.45	8.2	33.00	8.2	24.4	0.41
F16	15 Feb 2024	14	15.07	96.28	8.2	33.00	8.2	24.4	0.44
F16	15 Feb 2024	15	15.06	96.30	8.2	33.00	8.2	24.4	0.45
F16	15 Feb 2024	16	15.06	96.38	8.2	33.01	8.2	24.4	0.51
F16	15 Feb 2024	17	15.06	96.39	8.2	33.01	8.2	24.4	0.54
F16	15 Feb 2024	18	15.05	96.47	8.2	33.01	8.2	24.4	0.57
F16	15 Feb 2024	19	15.05	96.56	8.2	33.01	8.2	24.4	0.59
F16	15 Feb 2024	20	15.05	96.50	8.2	33.01	8.2	24.4	0.60
F16	15 Feb 2024	21	15.03	96.39	8.2	33.01	8.2	24.4	0.60
F16	15 Feb 2024	22	15.02	96.40	8.2	33.01	8.2	24.4	0.62
F16	15 Feb 2024	23	15.02	96.28	8.2	33.01	8.2	24.4	0.64
F16	15 Feb 2024	24	15.00	96.33	8.2	33.02	8.2	24.4	0.69
F16	15 Feb 2024	25	15.00	96.01	8.1	33.03	8.2	24.5	0.73
F16	15 Feb 2024	26	15.02	96.19	8.0	33.05	8.2	24.5	0.80
F16	15 Feb 2024	27	15.04	96.06	8.0	33.08	8.2	24.5	0.91
F16	15 Feb 2024	28	15.06	95.93	7.9	33.10	8.2	24.5	0.91
F16	15 Feb 2024	29	15.08	96.04	7.8	33.12	8.2	24.5	0.88
F16	15 Feb 2024	30	14.95	96.19	7.7	33.15	8.2	24.6	0.81
F16	15 Feb 2024	31	14.84	96.43	7.6	33.16	8.2	24.6	0.83
F16	15 Feb 2024	32	14.80	96.64	7.6	33.15	8.2	24.6	0.85
F16	15 Feb 2024	33	14.66	96.91	7.5	33.15	8.2	24.6	0.86
F16	15 Feb 2024	34	14.50	97.33	7.4	33.16	8.2	24.7	0.78
F16	15 Feb 2024	35	14.40	97.61	7.3	33.18	8.1	24.7	0.75
F16	15 Feb 2024	36	14.22	97.69	7.1	33.21	8.1	24.8	0.74
F16	15 Feb 2024	37	14.19	97.74	7.1	33.21	8.1	24.8	0.74
F16	15 Feb 2024	38	14.16	97.71	7.1	33.22	8.1	24.8	0.74
F16	15 Feb 2024	39	14.15	97.79	7.0	33.22	8.1	24.8	0.71
F16	15 Feb 2024	40	14.11	97.78	6.9	33.22	8.1	24.8	0.68
F16	15 Feb 2024	41	13.77	97.86	6.6	33.27	8.1	24.9	0.65
F16	15 Feb 2024	42	13.47	97.88	6.4	33.31	8.1	25.0	0.54
F16	15 Feb 2024	43	13.33	97.87	6.2	33.32	8.1	25.0	0.46
F16	15 Feb 2024	44	13.11	97.91	6.0	33.35	8.0	25.1	0.39
F16	15 Feb 2024	45	12.99	97.91	6.0	33.37	8.0	25.1	0.35
F16	15 Feb 2024	46	12.90	97.94	5.9	33.37	8.0	25.2	0.33
F16	15 Feb 2024	47	12.76	97.96	5.8	33.39	8.0	25.2	0.28
F16	15 Feb 2024	48	12.72	97.93	5.7	33.40	8.0	25.2	0.25
F16	15 Feb 2024	49	12.68	97.94	5.7	33.40	8.0	25.2	0.24
F16	15 Feb 2024	50	12.62	97.94	5.6	33.41	8.0	25.2	0.22
F16	15 Feb 2024	51	12.50	97.92	5.5	33.42	8.0	25.3	0.21
F16	15 Feb 2024	52	12.34	97.91	5.4	33.45	8.0	25.3	0.17
F16	15 Feb 2024	53	12.28	97.95	5.3	33.46	8.0	25.3	0.16
F16	15 Feb 2024	54	12.23	98.00	5.3	33.46	8.0	25.3	0.15
F16	15 Feb 2024	55	12.06	97.98	5.2	33.49	8.0	25.4	0.14
F16	15 Feb 2024	56	11.97	98.07	5.1	33.51	7.9	25.4	0.12
F16	15 Feb 2024	57	11.90	98.13	5.1	33.52	7.9	25.5	0.12
F16	15 Feb 2024	58	11.79	98.16	5.0	33.53	7.9	25.5	0.10
F16	15 Feb 2024	59	11.66	98.09	5.0	33.56	7.9	25.5	0.10
F16	15 Feb 2024	60	11.61	98.25	4.9	33.57	7.9	25.6	0.09
F16	15 Feb 2024	61	11.54	98.31	4.8	33.59	7.9	25.6	0.08
F16	15 Feb 2024	62	11.52	98.36	4.8	33.59	7.9	25.6	0.08
F16	15 Feb 2024	63	11.51	98.42	4.8	33.60	7.9	25.6	0.08
F16	15 Feb 2024	64	11.44	98.46	4.8	33.61	7.9	25.6	0.08
F16	15 Feb 2024	65	11.39	98.42	4.7	33.62	7.9	25.6	0.07
F16	15 Feb 2024	66	11.28	98.44	4.7	33.65	7.9	25.7	0.07
F16	15 Feb 2024	67	11.22	97.99	4.6	33.67	7.9	25.7	0.07
F16	15 Feb 2024	68	11.18	97.38	4.6	33.68	7.9	25.7	0.07
F16	15 Feb 2024	69	11.16	97.21	4.6	33.68	7.9	25.7	0.07
F16	15 Feb 2024	70	11.16	97.04	4.6	33.69	7.9	25.7	0.07
F16	15 Feb 2024	71	11.16	96.85	4.5	33.69	7.9	25.7	0.08
F16	15 Feb 2024	72	11.16	96.60	4.5	33.69	7.9	25.7	0.08
F16	15 Feb 2024	73	11.11	95.98	4.5	33.70	7.9	25.7	0.07

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F16	15 Feb 2024	74	11.09	95.35	4.5	33.70	7.9	25.8	0.07
F16	15 Feb 2024	75	11.08	95.75	4.5	33.71	7.9	25.8	0.07
F16	15 Feb 2024	76	11.08	96.31	4.5	33.71	7.9	25.8	0.07
F16	15 Feb 2024	77	11.06	96.37	4.4	33.71	7.9	25.8	0.06
F16	15 Feb 2024	78	11.03	96.05	4.4	33.73	7.9	25.8	0.07
F16	15 Feb 2024	79	11.02	95.35	4.3	33.73	7.9	25.8	0.06
F16	15 Feb 2024	80	10.94	95.02	4.2	33.76	7.9	25.8	0.06
F16	15 Feb 2024	81	10.91	94.64	4.2	33.77	7.9	25.8	0.05
F16	15 Feb 2024	82	10.95	80.00	4.2	33.76	7.8	25.8	0.06
F17	15 Feb 2024	1	15.11	94.74	8.1	32.99	8.2	24.4	0.33
F17	15 Feb 2024	2	15.14	94.37	8.2	32.99	8.2	24.4	0.33
F17	15 Feb 2024	3	15.08	94.76	8.2	32.99	8.2	24.4	0.33
F17	15 Feb 2024	4	15.05	94.84	8.2	32.98	8.2	24.4	0.35
F17	15 Feb 2024	5	15.03	94.78	8.2	32.98	8.2	24.4	0.37
F17	15 Feb 2024	6	15.02	94.79	8.2	32.98	8.2	24.4	0.42
F17	15 Feb 2024	7	15.02	94.93	8.2	32.98	8.2	24.4	0.46
F17	15 Feb 2024	8	15.02	94.99	8.2	32.98	8.2	24.4	0.48
F17	15 Feb 2024	9	15.00	94.94	8.2	32.99	8.2	24.4	0.53
F17	15 Feb 2024	10	15.01	95.05	8.2	33.00	8.2	24.4	0.60
F17	15 Feb 2024	11	15.04	94.76	8.1	33.02	8.2	24.4	0.73
F17	15 Feb 2024	12	15.05	94.69	8.0	33.04	8.2	24.4	0.88
F17	15 Feb 2024	13	15.07	94.47	8.0	33.05	8.2	24.5	0.94
F17	15 Feb 2024	14	15.08	94.29	7.9	33.08	8.2	24.5	1.03
F17	15 Feb 2024	15	15.09	94.13	7.9	33.09	8.2	24.5	1.12
F17	15 Feb 2024	16	15.09	94.15	7.8	33.10	8.2	24.5	1.21
F17	15 Feb 2024	17	15.09	94.19	7.9	33.10	8.2	24.5	1.20
F17	15 Feb 2024	18	15.09	94.18	7.9	33.10	8.2	24.5	1.20
F17	15 Feb 2024	19	15.09	94.14	7.8	33.10	8.2	24.5	1.17
F17	15 Feb 2024	20	15.10	94.05	7.8	33.12	8.2	24.5	1.19
F17	15 Feb 2024	21	15.10	94.11	7.8	33.12	8.2	24.5	1.19
F17	15 Feb 2024	22	15.09	94.21	7.8	33.13	8.2	24.5	1.20
F17	15 Feb 2024	23	15.08	94.36	7.8	33.13	8.2	24.5	1.13
F17	15 Feb 2024	24	15.07	94.67	7.8	33.13	8.2	24.5	1.04
F17	15 Feb 2024	25	15.05	94.96	7.7	33.13	8.2	24.5	0.92
F17	15 Feb 2024	26	15.04	95.65	7.7	33.14	8.2	24.5	0.83
F17	15 Feb 2024	27	15.04	96.06	7.7	33.14	8.2	24.5	0.77
F17	15 Feb 2024	28	15.03	96.06	7.7	33.14	8.2	24.5	0.76
F17	15 Feb 2024	29	15.00	96.21	7.6	33.16	8.2	24.6	0.88
F17	15 Feb 2024	30	14.91	96.18	7.5	33.17	8.2	24.6	0.70
F17	15 Feb 2024	31	14.74	96.39	7.4	33.18	8.2	24.6	0.67
F17	15 Feb 2024	32	14.64	96.29	7.4	33.18	8.2	24.6	0.72
F17	15 Feb 2024	33	14.58	96.42	7.3	33.19	8.1	24.7	0.76
F17	15 Feb 2024	34	14.56	96.82	7.3	33.19	8.1	24.7	0.82
F17	15 Feb 2024	35	14.53	96.92	7.3	33.19	8.1	24.7	0.80
F17	15 Feb 2024	36	14.48	97.01	7.2	33.19	8.1	24.7	0.82
F17	15 Feb 2024	37	14.40	97.09	7.2	33.20	8.1	24.7	0.78
F17	15 Feb 2024	38	14.30	97.18	7.1	33.20	8.1	24.7	0.76
F17	15 Feb 2024	39	14.15	97.41	6.9	33.22	8.1	24.8	0.72
F17	15 Feb 2024	40	13.96	97.51	6.8	33.24	8.1	24.8	0.62
F17	15 Feb 2024	41	13.82	97.58	6.7	33.26	8.1	24.9	0.53
F17	15 Feb 2024	42	13.68	97.83	6.4	33.28	8.1	24.9	0.49
F17	15 Feb 2024	43	13.28	97.81	6.2	33.33	8.1	25.0	0.42
F17	15 Feb 2024	44	13.06	97.82	6.0	33.36	8.1	25.1	0.34
F17	15 Feb 2024	45	12.96	97.85	5.9	33.37	8.0	25.1	0.29
F17	15 Feb 2024	46	12.91	97.87	5.8	33.37	8.0	25.1	0.28
F17	15 Feb 2024	47	12.83	97.88	5.8	33.38	8.0	25.2	0.28
F17	15 Feb 2024	48	12.70	97.75	5.7	33.40	8.0	25.2	0.29
F17	15 Feb 2024	49	12.68	97.82	5.7	33.40	8.0	25.2	0.26
F17	15 Feb 2024	50	12.66	97.85	5.6	33.40	8.0	25.2	0.24
F17	15 Feb 2024	51	12.61	97.83	5.6	33.41	8.0	25.2	0.21

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F17	15 Feb 2024	52	12.47	97.80	5.5	33.43	8.0	25.3	0.21
F17	15 Feb 2024	53	12.28	97.88	5.4	33.45	8.0	25.3	0.18
F17	15 Feb 2024	54	12.16	97.89	5.3	33.47	8.0	25.4	0.17
F17	15 Feb 2024	55	12.12	97.93	5.2	33.48	8.0	25.4	0.16
F17	15 Feb 2024	56	12.05	97.98	5.2	33.49	8.0	25.4	0.15
F17	15 Feb 2024	57	11.94	97.90	5.1	33.51	7.9	25.4	0.13
F17	15 Feb 2024	58	11.86	98.02	5.1	33.52	7.9	25.5	0.13
F17	15 Feb 2024	59	11.83	98.05	5.0	33.52	7.9	25.5	0.12
F17	15 Feb 2024	60	11.62	98.04	4.9	33.56	7.9	25.5	0.10
F17	15 Feb 2024	61	11.43	97.59	4.9	33.61	7.9	25.6	0.10
F17	15 Feb 2024	62	11.39	96.67	4.8	33.62	7.9	25.6	0.09
F17	15 Feb 2024	63	11.36	96.35	4.8	33.63	7.9	25.6	0.09
F17	15 Feb 2024	64	11.34	96.03	4.7	33.63	7.9	25.6	0.08
F17	15 Feb 2024	65	11.33	95.90	4.7	33.64	7.9	25.7	0.08
F17	15 Feb 2024	66	11.33	95.86	4.7	33.64	7.9	25.7	0.09
F17	15 Feb 2024	67	11.32	95.89	4.7	33.64	7.9	25.7	0.08
F17	15 Feb 2024	68	11.32	95.85	4.7	33.64	7.9	25.7	0.08
F17	15 Feb 2024	69	11.30	95.78	4.7	33.65	7.9	25.7	0.08
F17	15 Feb 2024	70	11.29	95.60	4.6	33.65	7.9	25.7	0.08
F17	15 Feb 2024	71	11.26	95.30	4.6	33.66	7.9	25.7	0.07
F17	15 Feb 2024	72	11.24	95.06	4.5	33.67	7.9	25.7	0.08
F17	15 Feb 2024	73	11.21	94.99	4.5	33.68	7.9	25.7	0.07
F17	15 Feb 2024	74	11.19	94.90	4.5	33.68	7.9	25.7	0.07
F17	15 Feb 2024	75	11.18	94.60	4.5	33.69	7.9	25.7	0.07
F17	15 Feb 2024	76	11.18	94.00	4.5	33.69	7.9	25.7	0.06
F17	15 Feb 2024	77	11.17	93.58	4.5	33.69	7.9	25.7	0.07
F17	15 Feb 2024	78	11.17	93.12	4.5	33.69	7.9	25.7	0.07
F17	15 Feb 2024	79	11.17	93.27	4.5	33.69	7.9	25.7	0.07
F17	15 Feb 2024	80	11.17	93.33	4.4	33.69	7.9	25.7	0.07
F17	15 Feb 2024	81	11.17	90.49	4.4	33.69	7.9	25.7	0.07
F18	15 Feb 2024	1	15.19	92.28	8.1	33.02	8.2	24.4	0.42
F18	15 Feb 2024	2	15.18	92.40	8.1	33.02	8.2	24.4	0.42
F18	15 Feb 2024	3	15.16	92.22	8.1	33.02	8.2	24.4	0.45
F18	15 Feb 2024	4	15.14	91.54	8.1	33.02	8.2	24.4	0.51
F18	15 Feb 2024	5	15.12	91.37	8.0	33.03	8.2	24.4	0.66
F18	15 Feb 2024	6	15.12	91.25	8.0	33.04	8.2	24.4	0.81
F18	15 Feb 2024	7	15.14	91.68	8.0	33.05	8.2	24.4	0.90
F18	15 Feb 2024	8	15.14	91.90	7.9	33.05	8.2	24.4	0.94
F18	15 Feb 2024	9	15.14	92.05	7.9	33.06	8.2	24.4	0.99
F18	15 Feb 2024	10	15.14	92.22	7.9	33.06	8.2	24.4	1.00
F18	15 Feb 2024	11	15.13	92.33	7.9	33.07	8.2	24.5	1.00
F18	15 Feb 2024	12	15.12	92.50	7.8	33.09	8.2	24.5	0.98
F18	15 Feb 2024	13	15.12	93.18	7.8	33.11	8.2	24.5	0.92
F18	15 Feb 2024	14	15.11	93.80	7.8	33.12	8.2	24.5	0.86
F18	15 Feb 2024	15	15.10	94.28	7.8	33.12	8.2	24.5	0.79
F18	15 Feb 2024	16	15.09	95.05	7.8	33.12	8.2	24.5	0.71
F18	15 Feb 2024	17	15.08	95.52	7.8	33.13	8.2	24.5	0.65
F18	15 Feb 2024	18	15.08	95.73	7.8	33.13	8.2	24.5	0.61
F18	15 Feb 2024	19	15.08	95.89	7.8	33.13	8.2	24.5	0.59
F18	15 Feb 2024	20	15.09	95.88	7.8	33.13	8.2	24.5	0.58
F18	15 Feb 2024	21	15.09	95.98	7.8	33.13	8.2	24.5	0.54
F18	15 Feb 2024	22	15.09	96.05	7.8	33.14	8.2	24.5	0.52
F18	15 Feb 2024	23	15.08	96.01	7.7	33.14	8.2	24.5	0.49
F18	15 Feb 2024	24	15.03	96.23	7.7	33.16	8.2	24.5	0.46
F18	15 Feb 2024	25	15.00	96.60	7.6	33.17	8.2	24.6	0.42
F18	15 Feb 2024	26	14.92	96.65	7.4	33.18	8.2	24.6	0.40
F18	15 Feb 2024	27	14.74	96.75	7.3	33.20	8.2	24.6	0.39
F18	15 Feb 2024	28	14.69	96.92	7.2	33.20	8.1	24.7	0.39
F18	15 Feb 2024	29	14.60	97.16	7.1	33.21	8.1	24.7	0.45
F18	15 Feb 2024	30	14.38	96.97	7.1	33.22	8.1	24.7	0.56

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F18	15 Feb 2024	31	14.36	96.83	7.1	33.22	8.1	24.7	0.62
F18	15 Feb 2024	32	14.29	96.89	7.0	33.22	8.1	24.7	0.68
F18	15 Feb 2024	33	14.25	96.83	7.0	33.22	8.1	24.8	0.65
F18	15 Feb 2024	34	14.22	96.93	7.0	33.23	8.1	24.8	0.64
F18	15 Feb 2024	35	14.22	96.82	6.9	33.23	8.1	24.8	0.63
F18	15 Feb 2024	36	14.00	97.19	6.8	33.26	8.1	24.8	0.60
F18	15 Feb 2024	37	14.02	97.48	6.7	33.25	8.1	24.8	0.58
F18	15 Feb 2024	38	13.76	97.71	6.5	33.28	8.1	24.9	0.50
F18	15 Feb 2024	39	13.54	97.71	6.3	33.30	8.1	25.0	0.43
F18	15 Feb 2024	40	13.29	97.68	6.2	33.33	8.1	25.0	0.38
F18	15 Feb 2024	41	13.17	97.71	5.9	33.34	8.0	25.1	0.34
F18	15 Feb 2024	42	12.54	97.79	5.7	33.41	8.0	25.3	0.27
F18	15 Feb 2024	43	12.41	97.77	5.5	33.43	8.0	25.3	0.21
F18	15 Feb 2024	44	12.32	97.78	5.5	33.44	8.0	25.3	0.18
F18	15 Feb 2024	45	12.29	97.76	5.4	33.44	8.0	25.3	0.17
F18	15 Feb 2024	46	12.04	97.59	5.3	33.48	8.0	25.4	0.15
F18	15 Feb 2024	47	11.81	97.04	5.1	33.52	8.0	25.5	0.14
F18	15 Feb 2024	48	11.77	96.34	5.1	33.53	7.9	25.5	0.12
F18	15 Feb 2024	49	11.75	96.01	5.1	33.53	7.9	25.5	0.11
F18	15 Feb 2024	50	11.74	95.97	5.0	33.53	7.9	25.5	0.11
F18	15 Feb 2024	51	11.73	95.84	5.0	33.54	7.9	25.5	0.12
F18	15 Feb 2024	52	11.72	95.83	5.0	33.54	7.9	25.5	0.11
F18	15 Feb 2024	53	11.58	95.80	4.8	33.53	7.9	25.5	0.10
F18	15 Feb 2024	54	11.51	95.10	4.6	33.52	7.9	25.5	0.10
F18	15 Feb 2024	55	11.45	94.24	4.4	33.51	7.9	25.5	0.10
F18	15 Feb 2024	56	11.37	93.31	4.3	33.49	7.9	25.5	0.10
F18	15 Feb 2024	57	11.29	92.24	4.2	33.48	7.9	25.5	0.09
F18	15 Feb 2024	58	11.26	91.48	4.1	33.49	7.9	25.6	0.09
F18	15 Feb 2024	59	11.16	91.44	4.0	33.49	7.8	25.6	0.08
F18	15 Feb 2024	60	11.12	90.58	3.9	33.53	7.8	25.6	0.08
F18	15 Feb 2024	61	11.11	90.42	3.9	33.55	7.8	25.6	0.08
F18	15 Feb 2024	62	11.11	91.10	3.9	33.55	7.8	25.6	0.07
F18	15 Feb 2024	63	11.11	91.58	4.0	33.56	7.8	25.6	0.07
F18	15 Feb 2024	64	11.10	91.79	4.0	33.58	7.8	25.6	0.07
F18	15 Feb 2024	65	11.09	92.61	4.0	33.59	7.8	25.7	0.07
F18	15 Feb 2024	66	11.10	92.84	4.0	33.59	7.8	25.7	0.07
F18	15 Feb 2024	67	11.08	92.81	4.0	33.61	7.8	25.7	0.07
F18	15 Feb 2024	68	11.04	92.87	3.9	33.62	7.8	25.7	0.06
F18	15 Feb 2024	69	11.03	93.08	3.9	33.63	7.8	25.7	0.07
F18	15 Feb 2024	70	11.01	93.25	3.9	33.64	7.8	25.7	0.07
F18	15 Feb 2024	71	11.00	93.34	4.0	33.65	7.8	25.7	0.06
F18	15 Feb 2024	72	10.99	93.61	4.0	33.65	7.8	25.7	0.06
F18	15 Feb 2024	73	10.99	93.68	4.0	33.66	7.8	25.7	0.06
F18	15 Feb 2024	74	10.99	93.63	4.0	33.66	7.8	25.7	0.07
F18	15 Feb 2024	75	10.98	93.49	4.0	33.67	7.8	25.7	0.06
F18	15 Feb 2024	76	10.99	93.71	3.9	33.67	7.8	25.7	0.06
F18	15 Feb 2024	77	10.99	93.74	4.0	33.67	7.8	25.7	0.06
F18	15 Feb 2024	78	10.98	93.62	4.0	33.67	7.8	25.7	0.06
F18	15 Feb 2024	79	10.98	93.55	4.0	33.67	7.8	25.7	0.06
F18	15 Feb 2024	80	10.98	93.49	3.9	33.67	7.8	25.7	0.06
F18	15 Feb 2024	81	10.99	92.53	3.9	33.67	7.8	25.7	0.06
F19	15 Feb 2024	1	15.23	88.48	8.7	32.84	8.2	24.3	0.58
F19	15 Feb 2024	2	15.22	88.61	8.7	32.84	8.2	24.3	0.53
F19	15 Feb 2024	3	15.19	88.60	8.5	32.88	8.2	24.3	0.58
F19	15 Feb 2024	4	15.18	89.12	8.4	32.92	8.2	24.3	0.68
F19	15 Feb 2024	5	15.17	89.91	8.2	32.95	8.2	24.4	0.76
F19	15 Feb 2024	6	15.16	90.42	8.1	32.97	8.2	24.4	0.85
F19	15 Feb 2024	7	15.16	90.91	8.0	32.99	8.2	24.4	0.90
F19	15 Feb 2024	8	15.15	91.25	7.9	33.03	8.2	24.4	0.94
F19	15 Feb 2024	9	15.14	91.86	7.9	33.08	8.2	24.5	1.04



Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F19	15 Feb 2024	10	15.11	92.39	7.9	33.11	8.2	24.5	1.07
F19	15 Feb 2024	11	15.10	93.09	7.8	33.11	8.2	24.5	1.10
F19	15 Feb 2024	12	15.11	93.50	7.8	33.12	8.2	24.5	1.27
F19	15 Feb 2024	13	15.11	93.90	7.8	33.13	8.2	24.5	1.30
F19	15 Feb 2024	14	15.11	93.98	7.8	33.13	8.2	24.5	1.32
F19	15 Feb 2024	15	15.11	94.23	7.8	33.13	8.2	24.5	1.19
F19	15 Feb 2024	16	15.09	94.60	7.8	33.13	8.2	24.5	0.94
F19	15 Feb 2024	17	15.07	95.30	7.7	33.15	8.2	24.5	0.71
F19	15 Feb 2024	18	14.98	96.04	7.5	33.17	8.2	24.6	0.50
F19	15 Feb 2024	19	14.82	96.75	7.3	33.20	8.2	24.6	0.35
F19	15 Feb 2024	20	14.75	97.18	7.2	33.20	8.2	24.6	0.28
F19	15 Feb 2024	21	14.60	97.22	7.1	33.21	8.1	24.7	0.26
F19	15 Feb 2024	22	14.57	97.16	7.0	33.21	8.1	24.7	0.25
F19	15 Feb 2024	23	14.39	97.13	6.9	33.23	8.1	24.7	0.25
F19	15 Feb 2024	24	14.17	97.09	6.9	33.25	8.1	24.8	0.31
F19	15 Feb 2024	25	14.17	97.00	6.8	33.24	8.1	24.8	0.40
F19	15 Feb 2024	26	14.06	97.30	6.8	33.25	8.1	24.8	0.45
F19	15 Feb 2024	27	14.01	97.46	6.8	33.26	8.1	24.8	0.50
F19	15 Feb 2024	28	14.03	97.53	6.7	33.25	8.1	24.8	0.51
F19	15 Feb 2024	29	13.87	97.59	6.6	33.27	8.1	24.9	0.52
F19	15 Feb 2024	30	13.75	97.26	6.5	33.28	8.1	24.9	0.44
F19	15 Feb 2024	31	13.74	97.42	6.5	33.28	8.1	24.9	0.44
F19	15 Feb 2024	32	13.63	97.34	6.4	33.29	8.1	24.9	0.41
F19	15 Feb 2024	33	13.55	97.40	6.4	33.30	8.1	25.0	0.38
F19	15 Feb 2024	34	13.53	97.46	6.3	33.30	8.1	25.0	0.39
F19	15 Feb 2024	35	13.39	97.63	6.2	33.32	8.1	25.0	0.36
F19	15 Feb 2024	36	13.25	97.65	6.1	33.33	8.0	25.1	0.34
F19	15 Feb 2024	37	13.10	97.45	6.0	33.35	8.0	25.1	0.32
F19	15 Feb 2024	38	12.95	97.63	5.9	33.37	8.0	25.1	0.30
F19	15 Feb 2024	39	12.87	97.75	5.7	33.38	8.0	25.2	0.26
F19	15 Feb 2024	40	12.62	97.74	5.6	33.41	8.0	25.2	0.24
F19	15 Feb 2024	41	12.42	97.73	5.5	33.43	8.0	25.3	0.20
F19	15 Feb 2024	42	12.36	97.76	5.4	33.44	8.0	25.3	0.19
F19	15 Feb 2024	43	12.36	97.80	5.4	33.44	8.0	25.3	0.17
F19	15 Feb 2024	44	12.36	97.81	5.4	33.44	8.0	25.3	0.16
F19	15 Feb 2024	45	12.34	97.82	5.4	33.44	8.0	25.3	0.18
F19	15 Feb 2024	46	12.33	97.63	5.4	33.44	8.0	25.3	0.17
F19	15 Feb 2024	47	12.33	97.49	5.4	33.44	8.0	25.3	0.17
F19	15 Feb 2024	48	12.32	97.53	5.3	33.44	8.0	25.3	0.16
F19	15 Feb 2024	49	12.29	97.56	5.3	33.45	8.0	25.3	0.16
F19	15 Feb 2024	50	12.27	97.52	5.3	33.45	8.0	25.3	0.16
F19	15 Feb 2024	51	12.13	97.53	5.2	33.46	8.0	25.4	0.15
F19	15 Feb 2024	52	12.09	97.17	5.2	33.46	7.9	25.4	0.15
F19	15 Feb 2024	53	12.09	96.75	5.1	33.46	7.9	25.4	0.15
F19	15 Feb 2024	54	12.07	96.63	5.0	33.46	7.9	25.4	0.14
F19	15 Feb 2024	55	11.89	96.70	4.9	33.46	7.9	25.4	0.14
F19	15 Feb 2024	56	11.78	96.30	4.8	33.47	7.9	25.4	0.12
F19	15 Feb 2024	57	11.72	95.52	4.7	33.47	7.9	25.5	0.12
F19	15 Feb 2024	58	11.64	95.23	4.6	33.47	7.9	25.5	0.11
F19	15 Feb 2024	59	11.59	94.61	4.6	33.48	7.9	25.5	0.11
F19	15 Feb 2024	60	11.55	94.10	4.6	33.51	7.9	25.5	0.10
F19	15 Feb 2024	61	11.55	94.21	4.6	33.51	7.9	25.5	0.10
F19	15 Feb 2024	62	11.52	94.62	4.5	33.52	7.9	25.5	0.10
F19	15 Feb 2024	63	11.51	94.74	4.5	33.53	7.9	25.5	0.10
F19	15 Feb 2024	64	11.50	94.79	4.5	33.53	7.9	25.5	0.09
F19	15 Feb 2024	65	11.49	94.94	4.5	33.54	7.9	25.5	0.09
F19	15 Feb 2024	66	11.46	95.08	4.5	33.55	7.9	25.6	0.09
F19	15 Feb 2024	67	11.43	95.09	4.5	33.55	7.9	25.6	0.08
F19	15 Feb 2024	68	11.39	95.13	4.4	33.57	7.9	25.6	0.08
F19	15 Feb 2024	69	11.37	95.25	4.4	33.58	7.9	25.6	0.08
F19	15 Feb 2024	70	11.30	95.29	4.3	33.59	7.9	25.6	0.08

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F19	15 Feb 2024	71	11.26	95.35	4.2	33.59	7.9	25.6	0.07
F19	15 Feb 2024	72	11.13	95.15	4.2	33.59	7.9	25.7	0.08
F19	15 Feb 2024	73	11.10	94.68	4.1	33.65	7.8	25.7	0.07
F19	15 Feb 2024	74	11.12	94.51	4.2	33.70	7.8	25.7	0.06
F19	15 Feb 2024	75	11.11	96.03	4.2	33.72	7.8	25.8	0.06
F19	15 Feb 2024	76	11.09	96.82	4.1	33.74	7.8	25.8	0.06
F19	15 Feb 2024	77	11.06	96.99	4.1	33.75	7.8	25.8	0.05
F19	15 Feb 2024	78	11.02	96.98	4.1	33.76	7.8	25.8	0.06
F19	15 Feb 2024	79	10.99	96.83	4.1	33.77	7.8	25.8	0.06
F19	15 Feb 2024	80	10.97	96.61	4.0	33.78	7.8	25.8	0.05
F19	15 Feb 2024	81	10.96	96.46	4.0	33.78	7.8	25.8	0.05
F19	15 Feb 2024	82	10.95	96.57	4.0	33.78	7.8	25.8	0.05
F19	15 Feb 2024	83	10.96	96.68	4.0	33.78	7.8	25.8	0.05
F20	15 Feb 2024	1	15.26	89.50	8.9	32.88	8.3	24.3	0.59
F20	15 Feb 2024	2	15.25	89.18	8.9	32.88	8.3	24.3	0.65
F20	15 Feb 2024	3	15.20	89.06	8.9	32.87	8.3	24.3	0.77
F20	15 Feb 2024	4	15.18	88.47	8.9	32.87	8.3	24.3	1.02
F20	15 Feb 2024	5	15.16	88.14	9.0	32.87	8.3	24.3	1.70
F20	15 Feb 2024	6	15.16	87.08	9.0	32.87	8.3	24.3	2.55
F20	15 Feb 2024	7	15.16	85.24	8.8	32.89	8.3	24.3	3.81
F20	15 Feb 2024	8	15.08	83.73	8.3	32.95	8.2	24.4	3.71
F20	15 Feb 2024	9	15.03	87.30	8.1	32.99	8.2	24.4	2.86
F20	15 Feb 2024	10	15.01	89.98	7.7	33.05	8.2	24.5	2.72
F20	15 Feb 2024	11	14.87	91.34	7.5	33.13	8.2	24.6	1.81
F20	15 Feb 2024	12	14.87	92.35	7.4	33.13	8.2	24.6	1.33
F20	15 Feb 2024	13	14.81	92.23	7.4	33.16	8.2	24.6	1.03
F20	15 Feb 2024	14	14.81	94.87	7.4	33.16	8.2	24.6	0.76
F20	15 Feb 2024	15	14.81	95.64	7.4	33.16	8.2	24.6	0.64
F20	15 Feb 2024	16	14.81	95.73	7.3	33.16	8.1	24.6	0.57
F20	15 Feb 2024	17	14.81	95.62	7.4	33.16	8.1	24.6	0.57
F20	15 Feb 2024	18	14.80	95.85	7.3	33.17	8.1	24.6	0.52
F20	15 Feb 2024	19	14.74	95.86	7.2	33.18	8.1	24.6	0.46
F20	15 Feb 2024	20	14.68	95.82	7.2	33.19	8.1	24.6	0.41
F20	15 Feb 2024	21	14.60	96.22	7.0	33.20	8.1	24.7	0.36
F20	15 Feb 2024	22	14.42	96.40	6.9	33.23	8.1	24.7	0.30
F20	15 Feb 2024	23	14.44	96.74	6.9	33.22	8.1	24.7	0.27
F20	15 Feb 2024	24	14.24	96.83	6.8	33.24	8.1	24.8	0.26
F20	15 Feb 2024	25	14.15	96.74	6.7	33.25	8.1	24.8	0.25
F20	15 Feb 2024	26	14.11	96.76	6.7	33.25	8.1	24.8	0.26
F20	15 Feb 2024	27	14.08	96.93	6.6	33.26	8.1	24.8	0.25
F20	15 Feb 2024	28	13.99	97.08	6.6	33.26	8.1	24.8	0.25
F20	15 Feb 2024	29	13.93	97.14	6.6	33.26	8.1	24.9	0.26
F20	15 Feb 2024	30	13.91	97.28	6.6	33.26	8.1	24.9	0.27
F20	15 Feb 2024	31	13.90	97.45	6.6	33.26	8.1	24.9	0.27
F20	15 Feb 2024	32	13.87	97.34	6.6	33.26	8.1	24.9	0.27
F20	15 Feb 2024	33	13.84	97.43	6.5	33.26	8.1	24.9	0.27
F20	15 Feb 2024	34	13.68	97.50	6.5	33.26	8.1	24.9	0.29
F20	15 Feb 2024	35	13.57	97.72	6.5	33.27	8.1	24.9	0.31
F20	15 Feb 2024	36	13.53	97.76	6.4	33.27	8.1	24.9	0.31
F20	15 Feb 2024	37	13.44	97.91	6.3	33.28	8.1	25.0	0.31
F20	15 Feb 2024	38	13.29	98.01	6.2	33.31	8.0	25.0	0.32
F20	15 Feb 2024	39	13.19	97.94	6.1	33.32	8.0	25.1	0.34
F20	15 Feb 2024	40	13.16	97.61	6.1	33.33	8.0	25.1	0.34
F20	15 Feb 2024	41	13.12	97.47	6.0	33.34	8.0	25.1	0.31
F20	15 Feb 2024	42	13.03	97.43	5.9	33.35	8.0	25.1	0.30
F20	15 Feb 2024	43	12.93	97.33	5.8	33.37	8.0	25.1	0.28
F20	15 Feb 2024	44	12.86	97.27	5.8	33.37	8.0	25.2	0.27
F20	15 Feb 2024	45	12.59	97.52	5.6	33.41	8.0	25.2	0.24
F20	15 Feb 2024	46	12.52	97.61	5.5	33.42	8.0	25.3	0.22
F20	15 Feb 2024	47	12.48	97.73	5.5	33.42	8.0	25.3	0.20

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F20	15 Feb 2024	48	12.39	97.80	5.4	33.44	8.0	25.3	0.20
F20	15 Feb 2024	49	12.36	97.71	5.4	33.44	8.0	25.3	0.21
F20	15 Feb 2024	50	12.25	97.76	5.3	33.45	8.0	25.3	0.18
F20	15 Feb 2024	51	12.17	97.76	5.3	33.47	8.0	25.4	0.17
F20	15 Feb 2024	52	12.12	97.55	5.2	33.48	8.0	25.4	0.16
F20	15 Feb 2024	53	12.09	97.19	5.2	33.48	7.9	25.4	0.16
F20	15 Feb 2024	54	12.06	96.97	5.2	33.48	7.9	25.4	0.15
F20	15 Feb 2024	55	12.00	96.59	5.1	33.49	7.9	25.4	0.15
F20	15 Feb 2024	56	11.88	96.33	5.1	33.51	7.9	25.5	0.14
F20	15 Feb 2024	57	11.88	96.00	5.0	33.51	7.9	25.5	0.14
F20	15 Feb 2024	58	11.79	95.53	5.0	33.52	7.9	25.5	0.13
F20	15 Feb 2024	59	11.78	95.54	5.0	33.52	7.9	25.5	0.13
F20	15 Feb 2024	60	11.78	95.79	4.9	33.52	7.9	25.5	0.12
F20	15 Feb 2024	61	11.76	96.05	4.9	33.53	7.9	25.5	0.13
F20	15 Feb 2024	62	11.74	96.03	4.9	33.53	7.9	25.5	0.12
F20	15 Feb 2024	63	11.65	96.09	4.8	33.55	7.9	25.5	0.12
F20	15 Feb 2024	64	11.47	96.81	4.7	33.58	7.9	25.6	0.11
F20	15 Feb 2024	65	11.39	97.13	4.5	33.61	7.9	25.6	0.10
F20	15 Feb 2024	66	11.44	97.43	4.5	33.66	7.9	25.7	0.09
F20	15 Feb 2024	67	11.44	97.93	4.4	33.67	7.9	25.7	0.09
F20	15 Feb 2024	68	11.40	98.07	4.3	33.69	7.9	25.7	0.08
F20	15 Feb 2024	69	11.35	98.03	4.3	33.71	7.9	25.7	0.08
F20	15 Feb 2024	70	11.33	98.03	4.3	33.71	7.9	25.7	0.08
F20	15 Feb 2024	71	11.31	98.19	4.3	33.72	7.9	25.7	0.08
F20	15 Feb 2024	72	11.29	98.16	4.3	33.72	7.9	25.7	0.07
F20	15 Feb 2024	73	11.17	98.20	4.2	33.73	7.9	25.8	0.07
F20	15 Feb 2024	74	11.08	98.18	4.2	33.76	7.8	25.8	0.07
F20	15 Feb 2024	75	11.06	98.09	4.1	33.76	7.8	25.8	0.07
F20	15 Feb 2024	76	11.03	97.88	4.1	33.77	7.8	25.8	0.07
F20	15 Feb 2024	77	11.02	97.33	4.1	33.77	7.8	25.8	0.07
F20	15 Feb 2024	78	11.00	96.71	4.1	33.77	7.8	25.8	0.07
F20	15 Feb 2024	79	10.99	96.51	4.0	33.78	7.8	25.8	0.08
F20	15 Feb 2024	80	10.98	96.41	4.0	33.78	7.8	25.8	0.07
F20	15 Feb 2024	81	10.97	96.28	4.0	33.78	7.8	25.8	0.07
F20	15 Feb 2024	82	10.98	96.16	4.0	33.78	7.8	25.8	0.07
F20	15 Feb 2024	83	10.98	95.78	4.0	33.78	7.8	25.8	0.07
F21	15 Feb 2024	1	15.15	85.58	8.8	32.96	8.2	24.4	0.75
F21	15 Feb 2024	2	15.16	89.93	8.8	32.96	8.2	24.4	0.72
F21	15 Feb 2024	3	15.15	91.10	8.8	32.96	8.2	24.4	0.69
F21	15 Feb 2024	4	15.11	90.65	8.8	32.96	8.2	24.4	0.89
F21	15 Feb 2024	5	15.10	89.91	8.7	32.96	8.2	24.4	1.34
F21	15 Feb 2024	6	15.10	89.91	8.7	32.96	8.2	24.4	1.77
F21	15 Feb 2024	7	15.10	90.02	8.7	32.96	8.2	24.4	2.09
F21	15 Feb 2024	8	15.09	90.00	8.7	32.96	8.2	24.4	2.51
F21	15 Feb 2024	9	15.09	89.53	8.6	32.96	8.2	24.4	3.52
F21	15 Feb 2024	10	15.08	89.14	8.5	32.97	8.2	24.4	4.34
F21	15 Feb 2024	11	15.04	88.00	8.2	32.98	8.2	24.4	4.15
F21	15 Feb 2024	12	14.94	88.24	7.9	33.03	8.2	24.5	3.28
F21	15 Feb 2024	13	14.88	89.40	7.7	33.06	8.2	24.5	2.35
F21	15 Feb 2024	14	14.86	92.03	7.6	33.07	8.2	24.5	1.80
F21	15 Feb 2024	15	14.82	93.13	7.6	33.09	8.2	24.5	1.36
F21	15 Feb 2024	16	14.78	93.65	7.4	33.12	8.2	24.6	1.16
F21	15 Feb 2024	17	14.65	93.97	7.2	33.17	8.1	24.6	1.04
F21	15 Feb 2024	18	14.54	94.08	7.2	33.20	8.1	24.7	0.79
F21	15 Feb 2024	19	14.49	95.30	7.1	33.20	8.1	24.7	0.64
F21	15 Feb 2024	20	14.43	95.55	7.0	33.21	8.1	24.7	0.56
F21	15 Feb 2024	21	14.39	95.74	7.0	33.21	8.1	24.7	0.51
F21	15 Feb 2024	22	14.33	95.83	6.9	33.22	8.1	24.7	0.48
F21	15 Feb 2024	23	14.23	95.90	6.9	33.23	8.1	24.8	0.45
F21	15 Feb 2024	24	14.15	96.10	6.8	33.24	8.1	24.8	0.41

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F21	15 Feb 2024	25	14.08	96.31	6.7	33.25	8.1	24.8	0.37
F21	15 Feb 2024	26	14.06	96.59	6.7	33.25	8.1	24.8	0.36
F21	15 Feb 2024	27	14.04	96.81	6.7	33.25	8.1	24.8	0.35
F21	15 Feb 2024	28	14.02	96.82	6.7	33.26	8.1	24.8	0.34
F21	15 Feb 2024	29	13.98	96.86	6.6	33.26	8.1	24.8	0.33
F21	15 Feb 2024	30	13.87	96.88	6.5	33.27	8.1	24.9	0.34
F21	15 Feb 2024	31	13.66	96.89	6.4	33.30	8.1	24.9	0.31
F21	15 Feb 2024	32	13.53	96.96	6.2	33.30	8.1	25.0	0.28
F21	15 Feb 2024	33	13.26	97.26	6.2	33.30	8.1	25.0	0.27
F21	15 Feb 2024	34	13.18	97.46	6.2	33.29	8.0	25.0	0.26
F21	15 Feb 2024	35	13.13	97.79	6.2	33.29	8.0	25.0	0.25
F21	15 Feb 2024	36	13.09	97.83	6.2	33.30	8.0	25.1	0.26
F21	15 Feb 2024	37	13.08	97.94	6.1	33.31	8.0	25.1	0.25
F21	15 Feb 2024	38	13.08	97.85	6.1	33.32	8.0	25.1	0.26
F21	15 Feb 2024	39	13.07	97.46	6.0	33.33	8.0	25.1	0.27
F21	15 Feb 2024	40	13.05	98.19	6.0	33.33	8.0	25.1	0.28
F21	15 Feb 2024	41	12.96	98.15	6.0	33.34	8.0	25.1	0.28
F21	15 Feb 2024	42	12.89	98.04	6.0	33.34	8.0	25.1	0.30
F21	15 Feb 2024	43	12.89	97.49	5.9	33.35	8.0	25.1	0.28
F21	15 Feb 2024	44	12.86	97.10	5.8	33.36	8.0	25.1	0.29
F21	15 Feb 2024	45	12.79	97.05	5.8	33.37	8.0	25.2	0.27
F21	15 Feb 2024	46	12.73	96.91	5.7	33.38	8.0	25.2	0.25
F21	15 Feb 2024	47	12.71	96.84	5.7	33.38	8.0	25.2	0.25
F21	15 Feb 2024	48	12.69	96.94	5.7	33.39	8.0	25.2	0.23
F21	15 Feb 2024	49	12.65	96.84	5.6	33.40	8.0	25.2	0.22
F21	15 Feb 2024	50	12.59	96.64	5.6	33.41	8.0	25.2	0.22
F21	15 Feb 2024	51	12.58	96.69	5.6	33.41	8.0	25.2	0.22
F21	15 Feb 2024	52	12.55	96.84	5.5	33.41	8.0	25.3	0.21
F21	15 Feb 2024	53	12.50	96.98	5.5	33.42	8.0	25.3	0.20
F21	15 Feb 2024	54	12.42	96.89	5.4	33.44	8.0	25.3	0.20
F21	15 Feb 2024	55	12.32	96.74	5.4	33.45	8.0	25.3	0.19
F21	15 Feb 2024	56	12.28	96.85	5.3	33.45	8.0	25.3	0.18
F21	15 Feb 2024	57	12.15	96.90	5.3	33.46	8.0	25.4	0.18
F21	15 Feb 2024	58	12.03	96.46	5.2	33.48	8.0	25.4	0.16
F21	15 Feb 2024	59	11.95	96.00	5.2	33.49	7.9	25.4	0.15
F21	15 Feb 2024	60	11.87	95.99	5.0	33.51	7.9	25.5	0.14
F21	15 Feb 2024	61	11.70	95.85	4.9	33.54	7.9	25.5	0.14
F21	15 Feb 2024	62	11.61	95.70	4.8	33.55	7.9	25.5	0.13
F21	15 Feb 2024	63	11.56	95.51	4.8	33.56	7.9	25.5	0.12
F21	15 Feb 2024	64	11.54	95.78	4.8	33.55	7.9	25.6	0.11
F21	15 Feb 2024	65	11.53	95.93	4.7	33.56	7.9	25.6	0.11
F21	15 Feb 2024	66	11.53	96.28	4.7	33.56	7.9	25.6	0.11
F21	15 Feb 2024	67	11.58	96.60	4.7	33.58	7.9	25.6	0.10
F21	15 Feb 2024	68	11.61	97.18	4.6	33.61	7.9	25.6	0.10
F21	15 Feb 2024	69	11.55	97.53	4.5	33.66	7.9	25.6	0.10
F21	15 Feb 2024	70	11.52	97.63	4.4	33.67	7.9	25.6	0.10
F21	15 Feb 2024	71	11.52	97.68	4.4	33.67	7.9	25.6	0.09
F21	15 Feb 2024	72	11.49	97.71	4.4	33.68	7.9	25.7	0.09
F21	15 Feb 2024	73	11.46	97.70	4.3	33.69	7.9	25.7	0.10
F21	15 Feb 2024	74	11.41	97.83	4.3	33.70	7.9	25.7	0.09
F21	15 Feb 2024	75	11.30	97.99	4.3	33.72	7.9	25.7	0.09
F21	15 Feb 2024	76	11.15	98.11	4.2	33.74	7.9	25.8	0.08
F21	15 Feb 2024	77	11.01	98.05	4.1	33.77	7.9	25.8	0.07
F21	15 Feb 2024	78	10.93	97.66	4.0	33.80	7.8	25.9	0.07
F21	15 Feb 2024	79	10.92	97.36	4.0	33.80	7.8	25.9	0.07
F21	15 Feb 2024	80	10.92	97.45	4.0	33.80	7.8	25.9	0.07
F21	15 Feb 2024	81	10.92	97.33	4.0	33.80	7.8	25.9	0.06
F21	15 Feb 2024	82	10.92	97.00	4.0	33.80	7.8	25.9	0.07
F21	15 Feb 2024	83	10.93	97.11	4.0	33.80	7.8	25.9	0.07
F21	15 Feb 2024	84	10.93	94.18	4.0	33.80	7.8	25.9	0.07

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F22	15 Feb 2024	1	15.11	90.92	8.6	32.92	8.2	24.3	0.63
F22	15 Feb 2024	2	15.10	90.94	8.6	32.92	8.2	24.3	0.66
F22	15 Feb 2024	3	15.09	90.83	8.6	32.92	8.2	24.4	0.75
F22	15 Feb 2024	4	15.09	90.38	8.6	32.92	8.2	24.4	0.89
F22	15 Feb 2024	5	15.09	90.26	8.7	32.92	8.2	24.4	1.17
F22	15 Feb 2024	6	15.09	90.24	8.6	32.93	8.2	24.4	1.51
F22	15 Feb 2024	7	15.09	89.90	8.6	32.93	8.2	24.4	1.78
F22	15 Feb 2024	8	15.10	89.97	8.6	32.95	8.2	24.4	2.04
F22	15 Feb 2024	9	15.10	89.92	8.6	32.96	8.2	24.4	2.24
F22	15 Feb 2024	10	15.10	90.28	8.5	32.96	8.2	24.4	2.43
F22	15 Feb 2024	11	15.10	90.28	8.5	32.97	8.2	24.4	3.04
F22	15 Feb 2024	12	15.09	89.44	8.5	32.97	8.2	24.4	3.39
F22	15 Feb 2024	13	15.06	89.03	8.4	32.99	8.2	24.4	3.46
F22	15 Feb 2024	14	15.04	89.10	8.2	33.00	8.2	24.4	3.59
F22	15 Feb 2024	15	14.99	89.20	8.1	33.02	8.2	24.4	3.50
F22	15 Feb 2024	16	14.90	89.49	7.8	33.06	8.2	24.5	3.11
F22	15 Feb 2024	17	14.84	90.05	7.6	33.09	8.2	24.5	2.68
F22	15 Feb 2024	18	14.79	91.43	7.5	33.11	8.2	24.6	2.02
F22	15 Feb 2024	19	14.74	92.96	7.4	33.12	8.2	24.6	1.62
F22	15 Feb 2024	20	14.70	93.93	7.4	33.13	8.2	24.6	1.35
F22	15 Feb 2024	21	14.66	94.41	7.3	33.16	8.1	24.6	1.14
F22	15 Feb 2024	22	14.58	94.80	7.2	33.18	8.1	24.7	0.91
F22	15 Feb 2024	23	14.46	95.25	7.1	33.20	8.1	24.7	0.78
F22	15 Feb 2024	24	14.27	95.83	6.9	33.23	8.1	24.8	0.63
F22	15 Feb 2024	25	14.06	96.20	6.8	33.25	8.1	24.8	0.57
F22	15 Feb 2024	26	14.00	96.47	6.7	33.26	8.1	24.8	0.57
F22	15 Feb 2024	27	13.98	96.73	6.7	33.26	8.1	24.8	0.48
F22	15 Feb 2024	28	13.94	96.87	6.7	33.26	8.1	24.9	0.46
F22	15 Feb 2024	29	13.90	96.73	6.6	33.26	8.1	24.9	0.43
F22	15 Feb 2024	30	13.88	96.73	6.6	33.26	8.1	24.9	0.44
F22	15 Feb 2024	31	13.86	96.58	6.6	33.27	8.1	24.9	0.41
F22	15 Feb 2024	32	13.82	96.48	6.5	33.27	8.1	24.9	0.41
F22	15 Feb 2024	33	13.77	96.40	6.5	33.27	8.1	24.9	0.38
F22	15 Feb 2024	34	13.71	96.40	6.4	33.28	8.1	24.9	0.36
F22	15 Feb 2024	35	13.54	96.60	6.3	33.30	8.1	25.0	0.32
F22	15 Feb 2024	36	13.40	96.85	6.2	33.32	8.0	25.0	0.29
F22	15 Feb 2024	37	13.25	97.15	6.1	33.32	8.0	25.0	0.27
F22	15 Feb 2024	38	13.10	97.31	6.1	33.32	8.0	25.1	0.25
F22	15 Feb 2024	39	13.04	97.52	6.1	33.32	8.0	25.1	0.24
F22	15 Feb 2024	40	13.00	97.74	6.0	33.33	8.0	25.1	0.24
F22	15 Feb 2024	41	12.93	97.90	5.9	33.35	8.0	25.1	0.25
F22	15 Feb 2024	42	12.87	97.74	5.8	33.37	8.0	25.2	0.25
F22	15 Feb 2024	43	12.82	97.99	5.8	33.37	8.0	25.2	0.26
F22	15 Feb 2024	44	12.74	97.90	5.8	33.37	8.0	25.2	0.24
F22	15 Feb 2024	45	12.69	97.93	5.7	33.38	8.0	25.2	0.22
F22	15 Feb 2024	46	12.65	97.52	5.7	33.38	8.0	25.2	0.22
F22	15 Feb 2024	47	12.62	97.58	5.7	33.39	8.0	25.2	0.20
F22	15 Feb 2024	48	12.53	97.43	5.6	33.40	8.0	25.2	0.18
F22	15 Feb 2024	49	12.44	97.32	5.5	33.41	8.0	25.3	0.18
F22	15 Feb 2024	50	12.38	97.32	5.5	33.42	8.0	25.3	0.19
F22	15 Feb 2024	51	12.35	97.35	5.5	33.42	8.0	25.3	0.17
F22	15 Feb 2024	52	12.34	97.13	5.4	33.43	8.0	25.3	0.16
F22	15 Feb 2024	53	12.27	96.95	5.3	33.44	8.0	25.3	0.16
F22	15 Feb 2024	54	12.02	96.86	5.2	33.48	8.0	25.4	0.15
F22	15 Feb 2024	55	11.88	96.52	5.1	33.51	7.9	25.5	0.13
F22	15 Feb 2024	56	11.84	95.64	5.0	33.51	7.9	25.5	0.12
F22	15 Feb 2024	57	11.81	95.47	5.0	33.52	7.9	25.5	0.12
F22	15 Feb 2024	58	11.79	95.52	5.0	33.52	7.9	25.5	0.11
F22	15 Feb 2024	59	11.75	95.54	4.9	33.53	7.9	25.5	0.11
F22	15 Feb 2024	60	11.66	95.61	4.9	33.54	7.9	25.5	0.10
F22	15 Feb 2024	61	11.61	95.67	4.9	33.55	7.9	25.5	0.10

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F22	15 Feb 2024	62	11.59	95.98	4.8	33.56	7.9	25.5	0.10
F22	15 Feb 2024	63	11.56	96.17	4.8	33.56	7.9	25.6	0.09
F22	15 Feb 2024	64	11.53	96.20	4.8	33.57	7.9	25.6	0.10
F22	15 Feb 2024	65	11.48	95.92	4.7	33.57	7.9	25.6	0.09
F22	15 Feb 2024	66	11.49	95.82	4.6	33.60	7.9	25.6	0.08
F22	15 Feb 2024	67	11.57	96.37	4.5	33.65	7.9	25.6	0.08
F22	15 Feb 2024	68	11.52	97.21	4.4	33.67	7.9	25.6	0.07
F22	15 Feb 2024	69	11.44	97.72	4.4	33.67	7.9	25.7	0.08
F22	15 Feb 2024	70	11.40	97.93	4.4	33.67	7.9	25.7	0.06
F22	15 Feb 2024	71	11.38	97.93	4.4	33.68	7.9	25.7	0.07
F22	15 Feb 2024	72	11.32	97.75	4.3	33.70	7.9	25.7	0.07
F22	15 Feb 2024	73	11.19	97.69	4.2	33.73	7.9	25.8	0.06
F22	15 Feb 2024	74	11.07	97.55	4.1	33.76	7.9	25.8	0.06
F22	15 Feb 2024	75	10.94	97.33	4.0	33.80	7.8	25.9	0.06
F22	15 Feb 2024	76	10.84	97.23	4.0	33.83	7.8	25.9	0.05
F22	15 Feb 2024	77	10.82	97.30	3.9	33.84	7.8	25.9	0.05
F22	15 Feb 2024	78	10.80	97.41	3.9	33.84	7.8	25.9	0.04
F22	15 Feb 2024	79	10.79	97.45	3.9	33.84	7.8	25.9	0.04
F22	15 Feb 2024	80	10.79	97.44	3.9	33.85	7.8	25.9	0.05
F22	15 Feb 2024	81	10.80	97.32	3.9	33.85	7.8	25.9	0.05
F22	15 Feb 2024	82	10.80	97.16	3.9	33.85	7.8	25.9	0.05
F23	15 Feb 2024	1	15.15	88.29	8.4	32.96	8.2	24.4	1.03
F23	15 Feb 2024	2	15.14	90.17	8.4	32.96	8.2	24.4	1.04
F23	15 Feb 2024	3	15.14	90.57	8.4	32.96	8.2	24.4	1.16
F23	15 Feb 2024	4	15.13	90.13	8.5	32.96	8.2	24.4	1.42
F23	15 Feb 2024	5	15.12	89.63	8.4	32.96	8.2	24.4	1.75
F23	15 Feb 2024	6	15.12	89.25	8.4	32.96	8.2	24.4	2.37
F23	15 Feb 2024	7	15.12	89.05	8.4	32.96	8.2	24.4	2.54
F23	15 Feb 2024	8	15.11	89.17	8.4	32.96	8.2	24.4	2.73
F23	15 Feb 2024	9	15.11	89.14	8.4	32.96	8.2	24.4	2.67
F23	15 Feb 2024	10	15.11	89.30	8.4	32.96	8.2	24.4	2.76
F23	15 Feb 2024	11	15.11	89.49	8.3	32.96	8.2	24.4	2.59
F23	15 Feb 2024	12	15.10	89.59	8.3	32.97	8.2	24.4	2.71
F23	15 Feb 2024	13	15.10	89.82	8.4	32.97	8.2	24.4	2.59
F23	15 Feb 2024	14	15.10	90.23	8.3	32.97	8.2	24.4	2.34
F23	15 Feb 2024	15	15.09	90.37	8.3	32.97	8.2	24.4	2.32
F23	15 Feb 2024	16	15.07	90.65	8.2	32.97	8.2	24.4	1.98
F23	15 Feb 2024	17	15.06	90.79	8.1	32.98	8.2	24.4	1.88
F23	15 Feb 2024	18	14.96	91.12	7.7	33.08	8.2	24.5	1.52
F23	15 Feb 2024	19	14.85	92.03	7.4	33.16	8.2	24.6	1.18
F23	15 Feb 2024	20	14.67	93.82	7.2	33.18	8.2	24.6	0.90
F23	15 Feb 2024	21	14.57	94.69	7.2	33.19	8.1	24.7	0.76
F23	15 Feb 2024	22	14.53	95.31	7.1	33.20	8.1	24.7	0.66
F23	15 Feb 2024	23	14.53	95.45	7.1	33.20	8.1	24.7	0.61
F23	15 Feb 2024	24	14.43	95.71	7.0	33.20	8.1	24.7	0.57
F23	15 Feb 2024	25	14.23	95.67	6.9	33.22	8.1	24.8	0.55
F23	15 Feb 2024	26	14.12	95.52	6.8	33.24	8.1	24.8	0.53
F23	15 Feb 2024	27	14.04	95.53	6.7	33.24	8.1	24.8	0.51
F23	15 Feb 2024	28	13.91	95.75	6.6	33.27	8.1	24.9	0.49
F23	15 Feb 2024	29	13.82	96.19	6.5	33.27	8.1	24.9	0.46
F23	15 Feb 2024	30	13.69	96.68	6.4	33.29	8.1	24.9	0.45
F23	15 Feb 2024	31	13.62	96.85	6.4	33.30	8.1	24.9	0.40
F23	15 Feb 2024	32	13.57	97.01	6.3	33.30	8.1	25.0	0.36
F23	15 Feb 2024	33	13.55	97.15	6.3	33.30	8.1	25.0	0.35
F23	15 Feb 2024	34	13.53	97.23	6.3	33.30	8.0	25.0	0.35
F23	15 Feb 2024	35	13.46	97.28	6.2	33.31	8.0	25.0	0.33
F23	15 Feb 2024	36	13.43	97.33	6.2	33.32	8.0	25.0	0.32
F23	15 Feb 2024	37	13.43	97.45	6.2	33.32	8.0	25.0	0.30
F23	15 Feb 2024	38	13.36	97.48	6.1	33.33	8.0	25.0	0.29
F23	15 Feb 2024	39	13.15	97.37	6.0	33.35	8.0	25.1	0.28

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F23	15 Feb 2024	40	13.09	97.40	5.9	33.36	8.0	25.1	0.25
F23	15 Feb 2024	41	13.04	97.59	5.8	33.36	8.0	25.1	0.24
F23	15 Feb 2024	42	12.91	97.68	5.8	33.37	8.0	25.2	0.24
F23	15 Feb 2024	43	12.85	97.62	5.8	33.38	8.0	25.2	0.22
F23	15 Feb 2024	44	12.83	97.55	5.7	33.38	8.0	25.2	0.21
F23	15 Feb 2024	45	12.79	97.58	5.7	33.38	8.0	25.2	0.21
F23	15 Feb 2024	46	12.75	97.54	5.7	33.39	8.0	25.2	0.20
F23	15 Feb 2024	47	12.72	97.60	5.7	33.39	8.0	25.2	0.20
F23	15 Feb 2024	48	12.69	97.63	5.6	33.40	8.0	25.2	0.20
F23	15 Feb 2024	49	12.62	97.64	5.6	33.41	8.0	25.2	0.20
F23	15 Feb 2024	50	12.55	97.75	5.5	33.41	8.0	25.2	0.18
F23	15 Feb 2024	51	12.48	97.71	5.5	33.42	8.0	25.3	0.17
F23	15 Feb 2024	52	12.41	97.52	5.4	33.43	8.0	25.3	0.16
F23	15 Feb 2024	53	12.26	97.35	5.4	33.44	8.0	25.3	0.15
F23	15 Feb 2024	54	12.16	97.29	5.3	33.46	8.0	25.4	0.14
F23	15 Feb 2024	55	12.06	97.35	5.2	33.48	8.0	25.4	0.12
F23	15 Feb 2024	56	11.98	97.26	5.2	33.49	7.9	25.4	0.11
F23	15 Feb 2024	57	11.94	97.30	5.1	33.49	7.9	25.4	0.11
F23	15 Feb 2024	58	11.93	97.39	5.1	33.49	7.9	25.4	0.11
F23	15 Feb 2024	59	11.87	97.40	5.1	33.50	7.9	25.5	0.11
F23	15 Feb 2024	60	11.82	97.32	5.0	33.51	7.9	25.5	0.12
F23	15 Feb 2024	61	11.79	97.26	5.0	33.52	7.9	25.5	0.10
F23	15 Feb 2024	62	11.76	97.25	5.0	33.52	7.9	25.5	0.10
F23	15 Feb 2024	63	11.75	97.23	4.9	33.52	7.9	25.5	0.09
F23	15 Feb 2024	64	11.73	97.24	4.9	33.52	7.9	25.5	0.09
F23	15 Feb 2024	65	11.72	97.12	4.9	33.53	7.9	25.5	0.09
F23	15 Feb 2024	66	11.70	97.08	4.9	33.53	7.9	25.5	0.09
F23	15 Feb 2024	67	11.69	97.06	4.9	33.53	7.9	25.5	0.08
F23	15 Feb 2024	68	11.67	97.11	4.8	33.54	7.9	25.5	0.09
F23	15 Feb 2024	69	11.62	97.04	4.8	33.55	7.9	25.5	0.07
F23	15 Feb 2024	70	11.57	96.93	4.7	33.56	7.9	25.5	0.08
F23	15 Feb 2024	71	11.54	96.57	4.7	33.56	7.9	25.6	0.07
F23	15 Feb 2024	72	11.51	96.88	4.7	33.57	7.9	25.6	0.07
F23	15 Feb 2024	73	11.49	96.89	4.6	33.58	7.9	25.6	0.06
F23	15 Feb 2024	74	11.46	97.02	4.6	33.59	7.9	25.6	0.07
F23	15 Feb 2024	75	11.42	96.92	4.5	33.61	7.9	25.6	0.06
F23	15 Feb 2024	76	11.31	96.74	4.4	33.66	7.9	25.7	0.07
F23	15 Feb 2024	77	11.24	96.16	4.3	33.70	7.9	25.7	0.07
F23	15 Feb 2024	78	11.16	95.12	4.2	33.73	7.9	25.8	0.06
F23	15 Feb 2024	79	11.02	94.99	4.0	33.79	7.9	25.8	0.06
F23	15 Feb 2024	80	10.88	95.41	3.9	33.84	7.8	25.9	0.04
F23	15 Feb 2024	81	10.85	96.06	3.8	33.85	7.8	25.9	0.04
F23	15 Feb 2024	82	10.87	95.82	3.8	33.85	7.8	25.9	0.04
F24	15 Feb 2024	1	15.16	87.53	8.5	32.87	8.2	24.3	0.85
F24	15 Feb 2024	2	15.15	87.51	8.4	32.88	8.2	24.3	0.92
F24	15 Feb 2024	3	15.12	87.25	8.2	32.91	8.2	24.3	1.24
F24	15 Feb 2024	4	15.09	86.60	7.9	32.93	8.2	24.4	1.63
F24	15 Feb 2024	5	15.04	86.43	7.7	32.98	8.2	24.4	1.56
F24	15 Feb 2024	6	15.03	87.72	7.5	33.03	8.2	24.4	1.25
F24	15 Feb 2024	7	15.03	89.12	7.5	33.06	8.2	24.5	1.01
F24	15 Feb 2024	8	15.03	90.06	7.5	33.09	8.2	24.5	0.89
F24	15 Feb 2024	9	15.03	91.12	7.5	33.11	8.2	24.5	0.76
F24	15 Feb 2024	10	15.02	92.11	7.5	33.13	8.2	24.5	0.61
F24	15 Feb 2024	11	15.00	92.88	7.5	33.15	8.2	24.5	0.59
F24	15 Feb 2024	12	14.92	93.99	7.4	33.17	8.1	24.6	0.53
F24	15 Feb 2024	13	14.86	94.52	7.3	33.17	8.1	24.6	0.47
F24	15 Feb 2024	14	14.79	94.83	7.2	33.18	8.1	24.6	0.45
F24	15 Feb 2024	15	14.74	95.00	7.1	33.18	8.1	24.6	0.42
F24	15 Feb 2024	16	14.63	95.15	7.0	33.20	8.1	24.7	0.39
F24	15 Feb 2024	17	14.42	95.38	6.9	33.22	8.1	24.7	0.33

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F24	15 Feb 2024	18	14.28	95.77	6.7	33.24	8.1	24.8	0.27
F24	15 Feb 2024	19	13.96	96.13	6.5	33.26	8.1	24.9	0.26
F24	15 Feb 2024	20	13.71	96.18	6.4	33.28	8.1	24.9	0.29
F24	15 Feb 2024	21	13.57	96.30	6.4	33.29	8.1	25.0	0.37
F24	15 Feb 2024	22	13.44	96.52	6.3	33.30	8.1	25.0	0.40
F24	15 Feb 2024	23	13.33	96.85	6.2	33.31	8.0	25.0	0.39
F24	15 Feb 2024	24	13.33	97.05	6.2	33.31	8.0	25.0	0.39
F24	15 Feb 2024	25	13.22	97.32	6.1	33.33	8.0	25.1	0.37
F24	15 Feb 2024	26	13.10	97.49	6.0	33.34	8.0	25.1	0.34
F24	15 Feb 2024	27	13.02	97.56	5.9	33.35	8.0	25.1	0.32
F24	15 Feb 2024	28	12.99	97.65	5.9	33.35	8.0	25.1	0.30
F24	15 Feb 2024	29	12.96	97.61	5.9	33.35	8.0	25.1	0.28
F24	15 Feb 2024	30	12.93	97.66	5.8	33.36	8.0	25.1	0.28
F24	15 Feb 2024	31	12.92	97.64	5.8	33.36	8.0	25.1	0.26
F24	15 Feb 2024	32	12.91	97.68	5.8	33.37	8.0	25.1	0.26
F24	15 Feb 2024	33	12.87	97.79	5.7	33.37	8.0	25.2	0.25
F24	15 Feb 2024	34	12.82	97.75	5.7	33.38	8.0	25.2	0.24
F24	15 Feb 2024	35	12.75	97.68	5.6	33.40	8.0	25.2	0.23
F24	15 Feb 2024	36	12.69	97.72	5.6	33.40	8.0	25.2	0.22
F24	15 Feb 2024	37	12.67	97.65	5.6	33.40	8.0	25.2	0.20
F24	15 Feb 2024	38	12.65	97.57	5.6	33.40	8.0	25.2	0.20
F24	15 Feb 2024	39	12.62	97.61	5.5	33.40	8.0	25.2	0.19
F24	15 Feb 2024	40	12.59	97.52	5.5	33.41	8.0	25.2	0.19
F24	15 Feb 2024	41	12.54	97.35	5.4	33.42	8.0	25.3	0.18
F24	15 Feb 2024	42	12.48	97.45	5.4	33.43	8.0	25.3	0.18
F24	15 Feb 2024	43	12.43	97.48	5.4	33.43	8.0	25.3	0.18
F24	15 Feb 2024	44	12.42	96.78	5.4	33.43	8.0	25.3	0.18
F24	15 Feb 2024	45	12.40	96.74	5.4	33.43	8.0	25.3	0.17
F24	15 Feb 2024	46	12.38	97.31	5.4	33.43	8.0	25.3	0.17
F24	15 Feb 2024	47	12.36	97.15	5.4	33.43	8.0	25.3	0.17
F24	15 Feb 2024	48	12.34	96.92	5.4	33.43	8.0	25.3	0.16
F24	15 Feb 2024	49	12.32	96.68	5.4	33.44	7.9	25.3	0.16
F24	15 Feb 2024	50	12.30	96.52	5.3	33.44	7.9	25.3	0.16
F24	15 Feb 2024	51	12.26	96.15	5.3	33.44	7.9	25.3	0.17
F24	15 Feb 2024	52	12.25	95.71	5.3	33.44	7.9	25.3	0.15
F24	15 Feb 2024	53	12.25	95.87	5.3	33.44	7.9	25.3	0.15
F24	15 Feb 2024	54	12.24	95.97	5.3	33.44	7.9	25.3	0.16
F24	15 Feb 2024	55	12.22	95.91	5.3	33.45	7.9	25.3	0.15
F24	15 Feb 2024	56	12.21	95.84	5.3	33.45	7.9	25.3	0.15
F24	15 Feb 2024	57	12.20	95.82	5.2	33.45	7.9	25.3	0.15
F24	15 Feb 2024	58	12.20	95.72	5.3	33.45	7.9	25.4	0.21
F24	15 Feb 2024	59	12.19	95.63	5.2	33.45	7.9	25.4	0.15
F24	15 Feb 2024	60	12.16	95.64	5.2	33.46	7.9	25.4	0.15
F24	15 Feb 2024	61	12.05	95.48	5.1	33.48	7.9	25.4	0.14
F24	15 Feb 2024	62	12.01	94.68	5.0	33.49	7.9	25.4	0.13
F24	15 Feb 2024	63	11.94	94.26	4.9	33.51	7.9	25.4	0.13
F24	15 Feb 2024	64	11.85	93.84	4.8	33.53	7.9	25.5	0.12
F24	15 Feb 2024	65	11.80	93.61	4.8	33.54	7.9	25.5	0.12
F24	15 Feb 2024	66	11.76	93.58	4.8	33.55	7.9	25.5	0.11
F24	15 Feb 2024	67	11.75	93.57	4.7	33.55	7.9	25.5	0.11
F24	15 Feb 2024	68	11.74	93.68	4.7	33.55	7.9	25.5	0.11
F24	15 Feb 2024	69	11.73	93.72	4.7	33.56	7.9	25.5	0.10
F24	15 Feb 2024	70	11.69	93.90	4.7	33.57	7.9	25.5	0.11
F24	15 Feb 2024	71	11.63	94.26	4.6	33.59	7.9	25.6	0.10
F24	15 Feb 2024	72	11.56	94.11	4.5	33.61	7.9	25.6	0.09
F24	15 Feb 2024	73	11.51	94.15	4.4	33.63	7.9	25.6	0.09
F24	15 Feb 2024	74	11.50	94.03	4.4	33.64	7.9	25.6	0.09
F24	15 Feb 2024	75	11.47	94.13	4.3	33.65	7.9	25.6	0.09
F24	15 Feb 2024	76	11.31	94.10	4.3	33.69	7.9	25.7	0.07
F24	15 Feb 2024	77	11.27	93.42	4.2	33.70	7.9	25.7	0.08
F24	15 Feb 2024	78	11.26	92.83	4.2	33.70	7.9	25.7	0.08



Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F24	15 Feb 2024	79	11.26	92.78	4.2	33.70	7.8	25.7	0.08
F24	15 Feb 2024	80	11.26	92.81	4.2	33.70	7.8	25.7	0.07
F24	15 Feb 2024	81	11.26	92.58	4.2	33.70	7.8	25.7	0.08
F24	15 Feb 2024	82	11.27	92.50	4.2	33.70	7.8	25.7	0.08
F24	15 Feb 2024	83	11.27	92.78	4.2	33.70	7.8	25.7	0.09
F25	15 Feb 2024	1	15.18	85.51	8.4	32.82	8.2	24.3	0.60
F25	15 Feb 2024	2	15.17	85.87	8.4	32.82	8.2	24.3	0.62
F25	15 Feb 2024	3	15.17	85.54	8.4	32.82	8.2	24.3	0.72
F25	15 Feb 2024	4	15.16	85.65	8.4	32.82	8.2	24.3	0.79
F25	15 Feb 2024	5	15.16	85.59	8.4	32.82	8.2	24.3	0.85
F25	15 Feb 2024	6	15.16	85.56	8.4	32.82	8.2	24.3	0.93
F25	15 Feb 2024	7	15.15	85.65	8.4	32.83	8.2	24.3	1.00
F25	15 Feb 2024	8	15.07	85.77	8.2	32.86	8.2	24.3	1.02
F25	15 Feb 2024	9	14.95	86.24	8.0	32.99	8.2	24.4	1.13
F25	15 Feb 2024	10	14.94	89.58	7.9	33.01	8.2	24.4	1.17
F25	15 Feb 2024	11	14.94	91.74	7.8	33.03	8.2	24.5	1.19
F25	15 Feb 2024	12	14.94	92.44	7.8	33.05	8.2	24.5	1.14
F25	15 Feb 2024	13	14.94	93.38	7.8	33.05	8.2	24.5	1.10
F25	15 Feb 2024	14	14.94	93.74	7.8	33.07	8.2	24.5	1.06
F25	15 Feb 2024	15	14.90	93.96	7.7	33.09	8.2	24.5	0.96
F25	15 Feb 2024	16	14.88	94.07	7.6	33.10	8.2	24.5	0.85
F25	15 Feb 2024	17	14.85	93.98	7.5	33.10	8.2	24.5	0.79
F25	15 Feb 2024	18	14.77	94.26	7.5	33.11	8.2	24.6	0.75
F25	15 Feb 2024	19	14.68	94.85	7.5	33.12	8.2	24.6	0.68
F25	15 Feb 2024	20	14.59	95.48	7.5	33.13	8.1	24.6	0.62
F25	15 Feb 2024	21	14.56	95.98	7.4	33.14	8.1	24.6	0.57
F25	15 Feb 2024	22	14.54	96.22	7.2	33.17	8.1	24.7	0.48
F25	15 Feb 2024	23	14.48	96.32	7.1	33.19	8.1	24.7	0.39
F25	15 Feb 2024	24	14.41	96.53	7.0	33.21	8.1	24.7	0.33
F25	15 Feb 2024	25	14.37	96.75	7.0	33.21	8.1	24.7	0.30
F25	15 Feb 2024	26	14.34	97.00	6.9	33.22	8.1	24.7	0.27
F25	15 Feb 2024	27	14.29	97.14	6.8	33.22	8.1	24.8	0.26
F25	15 Feb 2024	28	13.77	97.04	6.6	33.25	8.1	24.9	0.24
F25	15 Feb 2024	29	13.37	96.82	6.4	33.28	8.1	25.0	0.22
F25	15 Feb 2024	30	13.33	97.07	6.3	33.28	8.1	25.0	0.21
F25	15 Feb 2024	31	13.25	97.20	6.2	33.29	8.1	25.0	0.20
F25	15 Feb 2024	32	13.16	97.14	6.1	33.31	8.0	25.0	0.19
F25	15 Feb 2024	33	13.10	96.97	6.0	33.32	8.0	25.1	0.19
F25	15 Feb 2024	34	13.04	96.74	6.0	33.33	8.0	25.1	0.19
F25	15 Feb 2024	35	12.97	96.63	5.9	33.34	8.0	25.1	0.19
F25	15 Feb 2024	36	12.95	96.50	5.9	33.33	8.0	25.1	0.21
F25	15 Feb 2024	37	12.94	96.26	5.9	33.33	8.0	25.1	0.22
F25	15 Feb 2024	38	12.91	96.16	5.9	33.34	8.0	25.1	0.22
F25	15 Feb 2024	39	12.88	96.16	5.9	33.34	8.0	25.1	0.24
F25	15 Feb 2024	40	12.88	96.29	5.9	33.34	8.0	25.1	0.23
F25	15 Feb 2024	41	12.84	96.36	5.9	33.34	8.0	25.1	0.23
F25	15 Feb 2024	42	12.79	96.62	5.8	33.35	8.0	25.2	0.22
F25	15 Feb 2024	43	12.77	96.96	5.7	33.36	8.0	25.2	0.22
F25	15 Feb 2024	44	12.70	97.13	5.7	33.37	8.0	25.2	0.21
F25	15 Feb 2024	45	12.66	97.06	5.7	33.38	8.0	25.2	0.20
F25	15 Feb 2024	46	12.65	97.07	5.6	33.39	8.0	25.2	0.19
F25	15 Feb 2024	47	12.57	97.09	5.6	33.40	8.0	25.2	0.17
F25	15 Feb 2024	48	12.52	97.19	5.5	33.40	8.0	25.2	0.16
F25	15 Feb 2024	49	12.49	97.23	5.5	33.40	8.0	25.3	0.17
F25	15 Feb 2024	50	12.48	96.99	5.5	33.40	8.0	25.3	0.16
F25	15 Feb 2024	51	12.47	96.85	5.5	33.41	8.0	25.3	0.21
F25	15 Feb 2024	52	12.44	96.73	5.5	33.41	8.0	25.3	0.19
F25	15 Feb 2024	53	12.43	96.58	5.4	33.41	8.0	25.3	0.17
F25	15 Feb 2024	54	12.41	96.44	5.4	33.41	8.0	25.3	0.16
F25	15 Feb 2024	55	12.37	96.29	5.4	33.42	8.0	25.3	0.15

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F25	15 Feb 2024	56	12.33	96.15	5.3	33.43	8.0	25.3	0.14
F25	15 Feb 2024	57	12.30	95.68	5.3	33.43	8.0	25.3	0.14
F25	15 Feb 2024	58	12.28	95.29	5.3	33.43	7.9	25.3	0.13
F25	15 Feb 2024	59	12.28	95.18	5.3	33.43	7.9	25.3	0.14
F25	15 Feb 2024	60	12.24	95.05	5.2	33.44	7.9	25.3	0.13
F25	15 Feb 2024	61	12.21	94.92	5.2	33.45	7.9	25.3	0.12
F25	15 Feb 2024	62	12.18	95.29	5.2	33.46	7.9	25.4	0.11
F25	15 Feb 2024	63	12.16	95.77	5.1	33.48	7.9	25.4	0.11
F25	15 Feb 2024	64	12.12	96.41	5.0	33.50	7.9	25.4	0.12
F25	15 Feb 2024	65	12.07	96.96	5.0	33.51	7.9	25.4	0.11
F25	15 Feb 2024	66	12.01	97.03	4.9	33.52	7.9	25.4	0.10
F25	15 Feb 2024	67	11.97	96.96	4.9	33.52	7.9	25.4	0.10
F25	15 Feb 2024	68	11.92	96.88	4.8	33.53	7.9	25.5	0.09
F25	15 Feb 2024	69	11.87	96.64	4.8	33.55	7.9	25.5	0.09
F25	15 Feb 2024	70	11.82	96.47	4.7	33.56	7.9	25.5	0.08
F25	15 Feb 2024	71	11.78	96.53	4.7	33.57	7.9	25.5	0.08
F25	15 Feb 2024	72	11.66	96.53	4.6	33.60	7.9	25.6	0.07
F25	15 Feb 2024	73	11.63	96.35	4.6	33.62	7.9	25.6	0.07
F25	15 Feb 2024	74	11.62	96.39	4.5	33.62	7.9	25.6	0.07
F25	15 Feb 2024	75	11.60	96.36	4.5	33.62	7.9	25.6	0.07
F25	15 Feb 2024	76	11.56	96.20	4.5	33.64	7.9	25.6	0.06
F25	15 Feb 2024	77	11.56	96.03	4.4	33.64	7.9	25.6	0.06
F25	15 Feb 2024	78	11.48	95.68	4.4	33.66	7.9	25.6	0.06
F25	15 Feb 2024	79	11.47	95.09	4.4	33.67	7.9	25.7	0.06
F25	15 Feb 2024	80	11.49	72.15	4.3	33.66	7.9	25.6	0.05
F26	13 Feb 2024	1	15.22	94.11	8.2	33.01	8.2	24.4	0.45
F26	13 Feb 2024	2	15.21	94.02	8.2	33.01	8.2	24.4	0.45
F26	13 Feb 2024	3	15.16	93.90	8.2	33.01	8.2	24.4	0.48
F26	13 Feb 2024	4	15.13	93.80	8.2	33.01	8.2	24.4	0.51
F26	13 Feb 2024	5	15.07	93.75	8.2	33.01	8.2	24.4	0.54
F26	13 Feb 2024	6	15.04	93.67	8.2	33.01	8.2	24.4	0.58
F26	13 Feb 2024	7	15.03	93.82	8.2	33.01	8.2	24.4	0.65
F26	13 Feb 2024	8	15.02	93.82	8.2	33.01	8.2	24.4	0.71
F26	13 Feb 2024	9	15.02	93.93	8.2	33.01	8.2	24.4	0.76
F26	13 Feb 2024	10	15.02	93.87	8.2	33.01	8.2	24.4	0.84
F26	13 Feb 2024	11	15.02	93.88	8.2	33.01	8.2	24.4	0.86
F26	13 Feb 2024	12	15.02	93.89	8.2	33.01	8.2	24.4	0.91
F26	13 Feb 2024	13	15.02	93.94	8.2	33.02	8.2	24.4	0.98
F26	13 Feb 2024	14	15.02	93.98	8.2	33.02	8.2	24.4	1.07
F26	13 Feb 2024	15	15.01	94.08	8.2	33.02	8.2	24.4	1.14
F26	13 Feb 2024	16	15.02	93.96	8.2	33.02	8.2	24.4	1.14
F26	13 Feb 2024	17	15.02	94.11	8.2	33.03	8.2	24.4	1.18
F26	13 Feb 2024	18	15.02	94.21	8.2	33.04	8.2	24.5	1.18
F26	13 Feb 2024	19	15.03	94.29	8.1	33.05	8.2	24.5	1.22
F26	13 Feb 2024	20	15.03	94.40	8.1	33.05	8.2	24.5	1.24
F26	13 Feb 2024	21	15.03	94.48	8.1	33.05	8.2	24.5	1.26
F26	13 Feb 2024	22	15.03	94.71	8.1	33.06	8.2	24.5	1.27
F26	13 Feb 2024	23	15.03	94.88	8.1	33.06	8.2	24.5	1.27
F26	13 Feb 2024	24	15.03	95.02	8.1	33.06	8.2	24.5	1.24
F26	13 Feb 2024	25	15.03	95.08	8.1	33.06	8.2	24.5	1.26
F26	13 Feb 2024	26	15.04	95.25	8.1	33.06	8.2	24.5	1.20
F26	13 Feb 2024	27	15.04	95.38	8.1	33.07	8.2	24.5	1.20
F26	13 Feb 2024	28	15.04	95.54	8.1	33.07	8.2	24.5	1.15
F26	13 Feb 2024	29	15.04	95.62	8.1	33.07	8.2	24.5	1.10
F26	13 Feb 2024	30	15.04	95.74	8.0	33.08	8.2	24.5	1.07
F26	13 Feb 2024	31	15.04	95.82	8.0	33.09	8.2	24.5	1.06
F26	13 Feb 2024	32	15.05	95.83	8.0	33.10	8.2	24.5	1.06
F26	13 Feb 2024	33	15.04	95.98	7.9	33.12	8.2	24.5	1.06
F26	13 Feb 2024	34	15.03	96.17	7.9	33.12	8.2	24.5	1.02
F26	13 Feb 2024	35	15.02	96.52	7.9	33.13	8.2	24.5	0.99

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F26	13 Feb 2024	36	14.98	96.61	7.9	33.13	8.2	24.5	0.97
F26	13 Feb 2024	37	14.91	96.71	7.8	33.14	8.2	24.6	0.94
F26	13 Feb 2024	38	14.89	96.81	7.8	33.14	8.2	24.6	0.88
F26	13 Feb 2024	39	14.82	96.90	7.7	33.15	8.2	24.6	0.83
F26	13 Feb 2024	40	14.74	96.83	7.6	33.16	8.2	24.6	0.78
F26	13 Feb 2024	41	14.66	97.04	7.5	33.17	8.2	24.6	0.74
F26	13 Feb 2024	42	14.50	97.16	7.4	33.19	8.2	24.7	0.67
F26	13 Feb 2024	43	14.39	97.22	7.2	33.20	8.2	24.7	0.62
F26	13 Feb 2024	44	14.22	97.33	7.2	33.20	8.1	24.8	0.64
F26	13 Feb 2024	45	14.09	97.38	7.1	33.21	8.1	24.8	0.62
F26	13 Feb 2024	46	14.02	97.40	6.9	33.23	8.1	24.8	0.57
F26	13 Feb 2024	47	13.91	97.29	6.7	33.26	8.1	24.9	0.51
F26	13 Feb 2024	48	13.70	97.35	6.4	33.30	8.1	24.9	0.43
F26	13 Feb 2024	49	13.51	97.30	6.2	33.33	8.1	25.0	0.37
F26	13 Feb 2024	50	13.45	97.16	6.1	33.34	8.1	25.0	0.33
F26	13 Feb 2024	51	13.39	97.10	6.0	33.34	8.1	25.0	0.31
F26	13 Feb 2024	52	13.35	97.11	6.0	33.35	8.0	25.0	0.28
F26	13 Feb 2024	53	13.30	97.08	6.0	33.35	8.0	25.1	0.28
F26	13 Feb 2024	54	13.17	97.13	5.8	33.36	8.0	25.1	0.27
F26	13 Feb 2024	55	12.79	97.14	5.7	33.38	8.0	25.2	0.24
F26	13 Feb 2024	56	12.46	97.22	5.5	33.42	8.0	25.3	0.19
F26	13 Feb 2024	57	12.33	97.22	5.5	33.42	8.0	25.3	0.16
F26	13 Feb 2024	58	12.26	97.14	5.4	33.42	8.0	25.3	0.14
F26	13 Feb 2024	59	12.22	97.13	5.4	33.43	8.0	25.3	0.13
F26	13 Feb 2024	60	12.16	97.16	5.3	33.44	8.0	25.3	0.12
F26	13 Feb 2024	61	12.06	97.15	5.2	33.45	8.0	25.4	0.13
F26	13 Feb 2024	62	11.96	97.22	5.2	33.47	8.0	25.4	0.11
F26	13 Feb 2024	63	11.91	97.26	5.2	33.48	8.0	25.4	0.10
F26	13 Feb 2024	64	11.88	97.31	5.2	33.49	8.0	25.4	0.10
F26	13 Feb 2024	65	11.86	97.39	5.2	33.49	8.0	25.4	0.10
F26	13 Feb 2024	66	11.83	97.47	5.2	33.50	7.9	25.5	0.10
F26	13 Feb 2024	67	11.82	97.50	5.2	33.50	7.9	25.5	0.10
F26	13 Feb 2024	68	11.82	97.51	5.2	33.50	7.9	25.5	0.10
F26	13 Feb 2024	69	11.82	97.49	5.1	33.51	7.9	25.5	0.10
F26	13 Feb 2024	70	11.81	97.47	5.1	33.51	7.9	25.5	0.10
F26	13 Feb 2024	71	11.80	97.51	5.1	33.51	7.9	25.5	0.10
F26	13 Feb 2024	72	11.79	97.56	5.1	33.51	7.9	25.5	0.10
F26	13 Feb 2024	73	11.79	97.54	5.1	33.51	7.9	25.5	0.10
F26	13 Feb 2024	74	11.78	97.56	5.1	33.52	7.9	25.5	0.10
F26	13 Feb 2024	75	11.78	97.57	5.1	33.52	7.9	25.5	0.10
F26	13 Feb 2024	76	11.77	97.56	5.1	33.52	7.9	25.5	0.10
F26	13 Feb 2024	77	11.77	97.54	5.1	33.52	7.9	25.5	0.10
F26	13 Feb 2024	78	11.76	97.63	5.1	33.52	7.9	25.5	0.10
F26	13 Feb 2024	79	11.75	97.56	5.1	33.52	7.9	25.5	0.10
F26	13 Feb 2024	80	11.73	97.54	5.1	33.53	7.9	25.5	0.10
F26	13 Feb 2024	81	11.71	97.56	5.1	33.53	7.9	25.5	0.10
F26	13 Feb 2024	82	11.70	97.61	5.1	33.53	7.9	25.5	0.10
F26	13 Feb 2024	83	11.70	97.62	5.1	33.53	7.9	25.5	0.10
F26	13 Feb 2024	84	11.70	97.62	5.1	33.53	7.9	25.5	0.10
F26	13 Feb 2024	85	11.70	97.65	5.1	33.53	7.9	25.5	0.10
F26	13 Feb 2024	86	11.69	97.62	5.1	33.53	7.9	25.5	0.10
F26	13 Feb 2024	87	11.67	97.54	5.1	33.54	7.9	25.5	0.10
F26	13 Feb 2024	88	11.62	97.69	5.1	33.55	7.9	25.5	0.10
F26	13 Feb 2024	89	11.57	97.73	5.1	33.55	7.9	25.5	0.10
F26	13 Feb 2024	90	11.53	97.65	5.0	33.56	7.9	25.6	0.09
F26	13 Feb 2024	91	11.50	97.70	5.0	33.57	7.9	25.6	0.09
F26	13 Feb 2024	92	11.43	97.77	5.0	33.59	7.9	25.6	0.09
F26	13 Feb 2024	93	11.33	97.68	4.9	33.61	7.9	25.6	0.09
F26	13 Feb 2024	94	11.30	96.92	4.9	33.62	7.9	25.6	0.09
F26	13 Feb 2024	95	11.24	96.14	4.8	33.64	7.9	25.7	0.08
F26	13 Feb 2024	96	11.26	95.60	4.8	33.63	7.9	25.7	0.09

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F26	13 Feb 2024	97	11.12	95.05	4.7	33.68	7.9	25.7	0.07
F26	13 Feb 2024	98	11.02	94.89	4.5	33.71	7.9	25.8	0.06
F26	13 Feb 2024	99	11.01	94.92	4.5	33.71	7.9	25.8	0.06
F27	13 Feb 2024	1	15.09	90.73	8.2	33.03	8.2	24.4	0.37
F27	13 Feb 2024	2	15.06	90.74	8.2	33.03	8.2	24.4	0.39
F27	13 Feb 2024	3	15.03	91.02	8.2	33.03	8.2	24.4	0.41
F27	13 Feb 2024	4	15.03	91.22	8.2	33.04	8.2	24.5	0.45
F27	13 Feb 2024	5	15.02	91.07	8.2	33.05	8.2	24.5	0.50
F27	13 Feb 2024	6	15.02	91.02	8.2	33.05	8.2	24.5	0.53
F27	13 Feb 2024	7	15.01	91.30	8.2	33.05	8.2	24.5	0.60
F27	13 Feb 2024	8	15.00	91.41	8.2	33.05	8.2	24.5	0.67
F27	13 Feb 2024	9	15.00	91.43	8.2	33.05	8.2	24.5	0.74
F27	13 Feb 2024	10	14.99	91.45	8.2	33.06	8.2	24.5	0.81
F27	13 Feb 2024	11	14.98	91.44	8.1	33.06	8.2	24.5	0.89
F27	13 Feb 2024	12	14.98	91.57	8.2	33.06	8.2	24.5	0.94
F27	13 Feb 2024	13	14.97	91.80	8.2	33.06	8.2	24.5	0.94
F27	13 Feb 2024	14	14.97	91.89	8.1	33.07	8.2	24.5	0.97
F27	13 Feb 2024	15	14.96	92.04	8.1	33.07	8.2	24.5	1.06
F27	13 Feb 2024	16	14.96	92.16	8.1	33.07	8.2	24.5	1.13
F27	13 Feb 2024	17	14.96	92.35	8.2	33.07	8.2	24.5	1.16
F27	13 Feb 2024	18	14.96	92.57	8.1	33.07	8.2	24.5	1.19
F27	13 Feb 2024	19	14.95	92.73	8.1	33.07	8.2	24.5	1.21
F27	13 Feb 2024	20	14.95	92.94	8.1	33.07	8.2	24.5	1.23
F27	13 Feb 2024	21	14.95	92.87	8.1	33.07	8.2	24.5	1.20
F27	13 Feb 2024	22	14.95	93.07	8.1	33.07	8.2	24.5	1.22
F27	13 Feb 2024	23	14.95	93.26	8.1	33.07	8.2	24.5	1.21
F27	13 Feb 2024	24	14.96	93.41	8.1	33.07	8.2	24.5	1.18
F27	13 Feb 2024	25	14.96	93.48	8.0	33.08	8.2	24.5	1.14
F27	13 Feb 2024	26	14.96	93.72	8.0	33.08	8.2	24.5	1.15
F27	13 Feb 2024	27	14.96	93.88	8.0	33.08	8.2	24.5	1.13
F27	13 Feb 2024	28	14.96	93.85	8.0	33.08	8.2	24.5	1.06
F27	13 Feb 2024	29	14.96	94.27	7.9	33.08	8.2	24.5	1.06
F27	13 Feb 2024	30	14.96	94.31	7.9	33.09	8.2	24.5	1.00
F27	13 Feb 2024	31	14.95	94.53	7.9	33.11	8.2	24.5	0.93
F27	13 Feb 2024	32	14.93	94.83	7.8	33.12	8.2	24.5	0.87
F27	13 Feb 2024	33	14.90	95.07	7.8	33.13	8.2	24.6	0.80
F27	13 Feb 2024	34	14.86	95.34	7.7	33.14	8.2	24.6	0.76
F27	13 Feb 2024	35	14.84	95.56	7.7	33.14	8.2	24.6	0.74
F27	13 Feb 2024	36	14.76	95.60	7.6	33.16	8.2	24.6	0.71
F27	13 Feb 2024	37	14.68	95.73	7.6	33.17	8.2	24.6	0.68
F27	13 Feb 2024	38	14.67	95.85	7.5	33.17	8.2	24.6	0.67
F27	13 Feb 2024	39	14.66	95.93	7.3	33.18	8.2	24.6	0.60
F27	13 Feb 2024	40	14.50	96.00	7.1	33.21	8.2	24.7	0.50
F27	13 Feb 2024	41	14.26	96.07	7.0	33.24	8.1	24.8	0.42
F27	13 Feb 2024	42	14.16	96.05	6.8	33.25	8.1	24.8	0.39
F27	13 Feb 2024	43	14.13	96.01	6.8	33.25	8.1	24.8	0.38
F27	13 Feb 2024	44	14.11	96.12	6.8	33.26	8.1	24.8	0.39
F27	13 Feb 2024	45	14.03	96.17	6.7	33.27	8.1	24.8	0.37
F27	13 Feb 2024	46	13.80	96.20	6.5	33.29	8.1	24.9	0.34
F27	13 Feb 2024	47	13.69	96.24	6.4	33.30	8.1	24.9	0.32
F27	13 Feb 2024	48	13.65	96.21	6.3	33.31	8.1	25.0	0.32
F27	13 Feb 2024	49	13.61	95.98	6.3	33.31	8.1	25.0	0.30
F27	13 Feb 2024	50	13.55	96.20	6.2	33.32	8.1	25.0	0.28
F27	13 Feb 2024	51	13.36	96.23	6.1	33.33	8.1	25.0	0.26
F27	13 Feb 2024	52	13.14	96.32	5.9	33.35	8.1	25.1	0.23
F27	13 Feb 2024	53	12.94	96.36	5.8	33.38	8.0	25.1	0.20
F27	13 Feb 2024	54	12.77	96.38	5.7	33.40	8.0	25.2	0.18
F27	13 Feb 2024	55	12.65	96.47	5.6	33.41	8.0	25.2	0.16
F27	13 Feb 2024	56	12.62	96.41	5.5	33.42	8.0	25.2	0.16
F27	13 Feb 2024	57	12.52	96.48	5.5	33.43	8.0	25.3	0.15

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F27	13 Feb 2024	58	12.45	96.48	5.4	33.44	8.0	25.3	0.14
F27	13 Feb 2024	59	12.40	96.44	5.4	33.44	8.0	25.3	0.14
F27	13 Feb 2024	60	12.37	96.51	5.3	33.45	8.0	25.3	0.14
F27	13 Feb 2024	61	12.31	96.52	5.3	33.46	8.0	25.3	0.13
F27	13 Feb 2024	62	12.27	96.54	5.3	33.46	8.0	25.3	0.13
F27	13 Feb 2024	63	12.24	96.62	5.2	33.47	8.0	25.4	0.12
F27	13 Feb 2024	64	12.20	96.65	5.2	33.47	8.0	25.4	0.12
F27	13 Feb 2024	65	12.10	96.66	5.1	33.48	8.0	25.4	0.12
F27	13 Feb 2024	66	11.98	96.67	5.1	33.50	8.0	25.4	0.10
F27	13 Feb 2024	67	11.90	96.75	5.0	33.52	8.0	25.5	0.10
F27	13 Feb 2024	68	11.85	96.76	5.0	33.52	7.9	25.5	0.09
F27	13 Feb 2024	69	11.79	96.85	5.0	33.53	7.9	25.5	0.09
F27	13 Feb 2024	70	11.77	96.86	5.0	33.54	7.9	25.5	0.08
F27	13 Feb 2024	71	11.74	96.91	5.0	33.54	7.9	25.5	0.08
F27	13 Feb 2024	72	11.74	97.01	4.9	33.55	7.9	25.5	0.08
F27	13 Feb 2024	73	11.73	97.02	4.9	33.55	7.9	25.5	0.08
F27	13 Feb 2024	74	11.70	97.03	4.9	33.55	7.9	25.5	0.08
F27	13 Feb 2024	75	11.68	97.06	4.9	33.56	7.9	25.5	0.08
F27	13 Feb 2024	76	11.65	97.08	4.9	33.56	7.9	25.5	0.08
F27	13 Feb 2024	77	11.63	97.09	4.9	33.57	7.9	25.5	0.07
F27	13 Feb 2024	78	11.59	97.11	4.8	33.58	7.9	25.6	0.07
F27	13 Feb 2024	79	11.54	97.19	4.8	33.59	7.9	25.6	0.07
F27	13 Feb 2024	80	11.47	97.27	4.8	33.60	7.9	25.6	0.09
F27	13 Feb 2024	81	11.44	97.24	4.8	33.61	7.9	25.6	0.07
F27	13 Feb 2024	82	11.43	97.35	4.8	33.61	7.9	25.6	0.07
F27	13 Feb 2024	83	11.42	97.38	4.8	33.61	7.9	25.6	0.07
F27	13 Feb 2024	84	11.42	97.41	4.8	33.61	7.9	25.6	0.06
F27	13 Feb 2024	85	11.42	97.44	4.8	33.61	7.9	25.6	0.07
F27	13 Feb 2024	86	11.40	97.36	4.8	33.61	7.9	25.6	0.06
F27	13 Feb 2024	87	11.34	97.39	4.8	33.63	7.9	25.6	0.07
F27	13 Feb 2024	88	11.36	97.48	4.8	33.62	7.9	25.6	0.07
F27	13 Feb 2024	89	11.30	97.63	4.8	33.63	7.9	25.7	0.06
F27	13 Feb 2024	90	11.28	97.72	4.8	33.64	7.9	25.7	0.06
F27	13 Feb 2024	91	11.25	97.73	4.7	33.64	7.9	25.7	0.06
F27	13 Feb 2024	92	11.17	97.78	4.7	33.66	7.9	25.7	0.06
F27	13 Feb 2024	93	11.13	97.77	4.6	33.68	7.9	25.7	0.06
F27	13 Feb 2024	94	11.08	97.85	4.5	33.69	7.9	25.7	0.05
F27	13 Feb 2024	95	10.98	97.82	4.4	33.73	7.9	25.8	0.05
F27	13 Feb 2024	96	10.91	96.94	4.3	33.76	7.9	25.8	0.04
F27	13 Feb 2024	97	10.87	95.68	4.2	33.78	7.9	25.8	0.04
F27	13 Feb 2024	98	10.87	95.00	4.2	33.78	7.9	25.8	0.04
F27	13 Feb 2024	99	10.87	94.63	4.2	33.78	7.9	25.9	0.03
F27	13 Feb 2024	100	10.88	94.59	4.2	33.78	7.9	25.8	0.03
F28	13 Feb 2024	1	15.27	94.69	8.2	33.04	8.2	24.4	0.33
F28	13 Feb 2024	2	15.28	95.04	8.2	33.04	8.2	24.4	0.33
F28	13 Feb 2024	3	15.11	94.82	8.1	33.04	8.2	24.4	0.34
F28	13 Feb 2024	4	15.06	94.59	8.2	33.04	8.2	24.4	0.39
F28	13 Feb 2024	5	15.04	94.46	8.2	33.04	8.2	24.5	0.41
F28	13 Feb 2024	6	15.00	94.45	8.2	33.04	8.2	24.5	0.45
F28	13 Feb 2024	7	14.98	94.35	8.2	33.04	8.2	24.5	0.51
F28	13 Feb 2024	8	14.94	94.42	8.1	33.05	8.2	24.5	0.58
F28	13 Feb 2024	9	14.92	94.44	8.2	33.05	8.2	24.5	0.65
F28	13 Feb 2024	10	14.92	94.22	8.2	33.04	8.2	24.5	0.73
F28	13 Feb 2024	11	14.91	94.26	8.1	33.04	8.2	24.5	0.84
F28	13 Feb 2024	12	14.91	94.24	8.1	33.04	8.2	24.5	0.92
F28	13 Feb 2024	13	14.91	94.38	8.2	33.05	8.2	24.5	0.99
F28	13 Feb 2024	14	14.91	94.25	8.1	33.05	8.2	24.5	1.04
F28	13 Feb 2024	15	14.91	94.43	8.1	33.05	8.2	24.5	1.10
F28	13 Feb 2024	16	14.92	94.31	8.1	33.05	8.2	24.5	1.16
F28	13 Feb 2024	17	14.92	94.36	8.1	33.05	8.2	24.5	1.23

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F28	13 Feb 2024	18	14.93	94.56	8.1	33.06	8.2	24.5	1.28
F28	13 Feb 2024	19	14.94	94.58	8.1	33.06	8.2	24.5	1.28
F28	13 Feb 2024	20	14.94	94.65	8.1	33.07	8.2	24.5	1.29
F28	13 Feb 2024	21	14.96	94.63	8.1	33.08	8.2	24.5	1.32
F28	13 Feb 2024	22	14.97	94.83	8.0	33.09	8.2	24.5	1.34
F28	13 Feb 2024	23	14.97	95.01	8.0	33.09	8.2	24.5	1.29
F28	13 Feb 2024	24	14.97	95.19	8.0	33.09	8.2	24.5	1.33
F28	13 Feb 2024	25	14.97	95.18	8.0	33.09	8.2	24.5	1.30
F28	13 Feb 2024	26	14.97	95.43	8.0	33.09	8.2	24.5	1.24
F28	13 Feb 2024	27	14.97	95.55	8.0	33.10	8.2	24.5	1.20
F28	13 Feb 2024	28	14.97	95.70	8.0	33.10	8.2	24.5	1.19
F28	13 Feb 2024	29	14.97	95.78	7.9	33.10	8.2	24.5	1.12
F28	13 Feb 2024	30	14.97	95.79	7.9	33.10	8.2	24.5	1.09
F28	13 Feb 2024	31	14.97	95.91	8.0	33.11	8.2	24.5	1.08
F28	13 Feb 2024	32	14.97	96.01	8.0	33.11	8.2	24.5	1.08
F28	13 Feb 2024	33	14.97	95.99	7.9	33.11	8.2	24.5	1.05
F28	13 Feb 2024	34	14.96	95.91	7.9	33.11	8.2	24.5	1.05
F28	13 Feb 2024	35	14.96	96.11	7.9	33.12	8.2	24.5	0.99
F28	13 Feb 2024	36	14.95	96.32	7.8	33.12	8.2	24.5	0.96
F28	13 Feb 2024	37	14.92	96.27	7.8	33.13	8.2	24.5	0.89
F28	13 Feb 2024	38	14.89	96.52	7.7	33.14	8.2	24.6	0.83
F28	13 Feb 2024	39	14.84	96.32	7.5	33.16	8.2	24.6	0.76
F28	13 Feb 2024	40	14.79	96.64	7.4	33.17	8.2	24.6	0.66
F28	13 Feb 2024	41	14.77	96.83	7.4	33.18	8.2	24.6	0.65
F28	13 Feb 2024	42	14.71	96.93	7.5	33.18	8.2	24.6	0.57
F28	13 Feb 2024	43	14.69	97.02	7.4	33.18	8.2	24.6	0.54
F28	13 Feb 2024	44	14.62	97.16	7.4	33.18	8.2	24.7	0.55
F28	13 Feb 2024	45	14.52	97.18	7.4	33.18	8.2	24.7	0.59
F28	13 Feb 2024	46	14.48	97.14	7.4	33.18	8.1	24.7	0.60
F28	13 Feb 2024	47	14.46	97.15	7.3	33.19	8.1	24.7	0.61
F28	13 Feb 2024	48	14.39	97.10	7.3	33.20	8.1	24.7	0.58
F28	13 Feb 2024	49	14.37	97.19	7.2	33.21	8.1	24.7	0.63
F28	13 Feb 2024	50	14.35	97.20	7.1	33.21	8.1	24.7	0.70
F28	13 Feb 2024	51	14.32	97.23	7.0	33.22	8.1	24.7	0.57
F28	13 Feb 2024	52	14.17	97.26	6.8	33.25	8.1	24.8	0.40
F28	13 Feb 2024	53	13.94	97.22	6.6	33.28	8.1	24.9	0.30
F28	13 Feb 2024	54	13.80	97.25	6.4	33.29	8.1	24.9	0.27
F28	13 Feb 2024	55	13.68	97.16	6.2	33.30	8.1	24.9	0.26
F28	13 Feb 2024	56	13.42	97.12	6.1	33.33	8.1	25.0	0.25
F28	13 Feb 2024	57	13.28	97.16	6.0	33.35	8.1	25.1	0.23
F28	13 Feb 2024	58	13.16	97.10	5.8	33.36	8.0	25.1	0.22
F28	13 Feb 2024	59	12.79	97.09	5.7	33.39	8.0	25.2	0.20
F28	13 Feb 2024	60	12.51	97.30	5.5	33.43	8.0	25.3	0.16
F28	13 Feb 2024	61	12.39	97.33	5.4	33.44	8.0	25.3	0.14
F28	13 Feb 2024	62	12.34	97.23	5.4	33.45	8.0	25.3	0.14
F28	13 Feb 2024	63	12.33	97.33	5.4	33.45	8.0	25.3	0.13
F28	13 Feb 2024	64	12.28	97.36	5.3	33.45	8.0	25.3	0.14
F28	13 Feb 2024	65	12.14	97.27	5.3	33.47	8.0	25.4	0.12
F28	13 Feb 2024	66	12.09	97.40	5.2	33.48	8.0	25.4	0.12
F28	13 Feb 2024	67	12.06	97.40	5.2	33.49	8.0	25.4	0.11
F28	13 Feb 2024	68	12.05	97.36	5.2	33.49	8.0	25.4	0.11
F28	13 Feb 2024	69	11.99	97.39	5.1	33.50	8.0	25.4	0.10
F28	13 Feb 2024	70	11.96	97.42	5.1	33.51	7.9	25.4	0.10
F28	13 Feb 2024	71	11.88	97.45	5.0	33.53	7.9	25.5	0.10
F28	13 Feb 2024	72	11.81	97.46	5.0	33.55	7.9	25.5	0.10
F28	13 Feb 2024	73	11.78	97.45	5.0	33.55	7.9	25.5	0.09
F28	13 Feb 2024	74	11.76	97.49	4.9	33.56	7.9	25.5	0.09
F28	13 Feb 2024	75	11.74	97.46	4.9	33.56	7.9	25.5	0.09
F28	13 Feb 2024	76	11.73	97.45	4.9	33.57	7.9	25.5	0.08
F28	13 Feb 2024	77	11.72	97.49	4.9	33.57	7.9	25.5	0.08
F28	13 Feb 2024	78	11.65	97.48	4.9	33.58	7.9	25.6	0.08

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F28	13 Feb 2024	79	11.54	97.46	4.8	33.60	7.9	25.6	0.08
F28	13 Feb 2024	80	11.48	97.55	4.8	33.62	7.9	25.6	0.07
F28	13 Feb 2024	81	11.42	97.56	4.7	33.63	7.9	25.6	0.07
F28	13 Feb 2024	82	11.32	97.54	4.7	33.64	7.9	25.7	0.06
F28	13 Feb 2024	83	11.24	97.58	4.6	33.66	7.9	25.7	0.06
F28	13 Feb 2024	84	11.23	97.58	4.6	33.67	7.9	25.7	0.07
F28	13 Feb 2024	85	11.19	97.39	4.6	33.68	7.9	25.7	0.08
F28	13 Feb 2024	86	11.18	97.33	4.5	33.69	7.9	25.7	0.06
F28	13 Feb 2024	87	11.18	97.29	4.5	33.68	7.9	25.7	0.05
F28	13 Feb 2024	88	11.15	97.18	4.5	33.69	7.9	25.7	0.04
F28	13 Feb 2024	89	11.14	96.81	4.5	33.70	7.9	25.7	0.05
F28	13 Feb 2024	90	11.10	96.32	4.4	33.71	7.9	25.8	0.04
F28	13 Feb 2024	91	11.03	95.88	4.4	33.73	7.9	25.8	0.05
F28	13 Feb 2024	92	10.94	96.00	4.3	33.75	7.9	25.8	0.04
F28	13 Feb 2024	93	10.87	96.35	4.2	33.77	7.9	25.8	0.03
F28	13 Feb 2024	94	10.84	96.37	4.2	33.78	7.9	25.9	0.03
F28	13 Feb 2024	95	10.81	96.43	4.2	33.79	7.9	25.9	0.03
F28	13 Feb 2024	96	10.79	96.50	4.1	33.80	7.9	25.9	0.03
F28	13 Feb 2024	97	10.79	96.41	4.1	33.80	7.9	25.9	0.03
F28	13 Feb 2024	98	10.78	96.36	4.1	33.80	7.9	25.9	0.03
F28	13 Feb 2024	99	10.78	96.16	4.1	33.81	7.9	25.9	0.03
F28	13 Feb 2024	100	10.77	96.14	4.0	33.81	7.8	25.9	0.03
F28	13 Feb 2024	101	10.76	95.94	4.0	33.81	7.8	25.9	0.03
F29	13 Feb 2024	1	15.08	94.45	8.1	33.09	8.2	24.5	0.40
F29	13 Feb 2024	2	15.08	94.54	8.1	33.08	8.2	24.5	0.39
F29	13 Feb 2024	3	15.02	94.71	8.1	33.09	8.2	24.5	0.41
F29	13 Feb 2024	4	15.00	94.75	8.1	33.09	8.2	24.5	0.46
F29	13 Feb 2024	5	15.00	94.74	8.1	33.10	8.2	24.5	0.51
F29	13 Feb 2024	6	15.00	94.78	8.1	33.10	8.2	24.5	0.52
F29	13 Feb 2024	7	15.00	94.98	8.1	33.10	8.2	24.5	0.52
F29	13 Feb 2024	8	15.00	95.01	8.1	33.10	8.2	24.5	0.52
F29	13 Feb 2024	9	15.00	95.01	8.1	33.10	8.2	24.5	0.58
F29	13 Feb 2024	10	15.01	95.07	8.1	33.11	8.2	24.5	0.59
F29	13 Feb 2024	11	15.00	95.13	8.1	33.11	8.2	24.5	0.62
F29	13 Feb 2024	12	15.00	95.25	8.1	33.11	8.2	24.5	0.65
F29	13 Feb 2024	13	15.00	95.24	8.0	33.11	8.2	24.5	0.69
F29	13 Feb 2024	14	14.99	95.36	8.1	33.11	8.2	24.5	0.72
F29	13 Feb 2024	15	14.99	95.25	8.0	33.11	8.2	24.5	0.74
F29	13 Feb 2024	16	14.99	95.38	8.0	33.10	8.2	24.5	0.75
F29	13 Feb 2024	17	15.00	95.25	8.0	33.10	8.2	24.5	0.81
F29	13 Feb 2024	18	15.00	95.16	8.1	33.11	8.2	24.5	0.84
F29	13 Feb 2024	19	14.99	95.40	8.1	33.11	8.2	24.5	0.86
F29	13 Feb 2024	20	14.99	95.39	8.1	33.11	8.2	24.5	0.89
F29	13 Feb 2024	21	14.99	95.49	8.0	33.11	8.2	24.5	0.91
F29	13 Feb 2024	22	14.97	95.59	8.0	33.11	8.2	24.5	0.92
F29	13 Feb 2024	23	14.97	95.75	8.0	33.11	8.2	24.5	0.94
F29	13 Feb 2024	24	14.97	95.89	8.0	33.11	8.2	24.5	0.92
F29	13 Feb 2024	25	14.96	95.97	8.0	33.11	8.2	24.5	0.95
F29	13 Feb 2024	26	14.95	96.08	8.0	33.11	8.2	24.5	0.91
F29	13 Feb 2024	27	14.94	96.32	8.0	33.11	8.2	24.5	0.91
F29	13 Feb 2024	28	14.94	96.26	8.0	33.11	8.2	24.5	0.96
F29	13 Feb 2024	29	14.93	96.37	7.9	33.11	8.2	24.5	0.92
F29	13 Feb 2024	30	14.90	96.62	7.9	33.12	8.2	24.5	0.84
F29	13 Feb 2024	31	14.86	96.71	7.8	33.13	8.2	24.6	0.80
F29	13 Feb 2024	32	14.81	96.79	7.7	33.15	8.2	24.6	0.82
F29	13 Feb 2024	33	14.77	97.18	7.6	33.17	8.2	24.6	0.69
F29	13 Feb 2024	34	14.76	97.24	7.5	33.17	8.2	24.6	0.64
F29	13 Feb 2024	35	14.74	97.38	7.5	33.17	8.2	24.6	0.61
F29	13 Feb 2024	36	14.72	97.31	7.5	33.18	8.2	24.6	0.59
F29	13 Feb 2024	37	14.71	97.35	7.4	33.18	8.2	24.6	0.57

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F29	13 Feb 2024	38	14.70	97.31	7.4	33.18	8.2	24.6	0.56
F29	13 Feb 2024	39	14.69	97.28	7.4	33.18	8.2	24.6	0.56
F29	13 Feb 2024	40	14.68	97.20	7.3	33.19	8.2	24.6	0.54
F29	13 Feb 2024	41	14.65	97.07	7.2	33.20	8.1	24.7	0.52
F29	13 Feb 2024	42	14.55	97.06	7.2	33.20	8.1	24.7	0.44
F29	13 Feb 2024	43	14.45	97.06	7.2	33.20	8.1	24.7	0.45
F29	13 Feb 2024	44	14.40	97.23	7.3	33.20	8.1	24.7	0.47
F29	13 Feb 2024	45	14.36	97.30	7.3	33.20	8.1	24.7	0.47
F29	13 Feb 2024	46	14.22	97.31	7.3	33.20	8.1	24.7	0.52
F29	13 Feb 2024	47	14.19	97.29	7.2	33.20	8.1	24.8	0.51
F29	13 Feb 2024	48	14.14	97.35	7.1	33.21	8.1	24.8	0.49
F29	13 Feb 2024	49	14.12	97.39	7.1	33.21	8.1	24.8	0.49
F29	13 Feb 2024	50	14.11	97.21	7.0	33.22	8.1	24.8	0.46
F29	13 Feb 2024	51	14.10	96.93	7.0	33.22	8.1	24.8	0.45
F29	13 Feb 2024	52	14.10	97.15	7.0	33.22	8.1	24.8	0.43
F29	13 Feb 2024	53	14.08	97.02	6.8	33.23	8.1	24.8	0.42
F29	13 Feb 2024	54	13.80	97.20	6.5	33.27	8.1	24.9	0.37
F29	13 Feb 2024	55	13.57	97.12	6.2	33.31	8.1	25.0	0.30
F29	13 Feb 2024	56	13.19	97.20	6.0	33.35	8.1	25.1	0.26
F29	13 Feb 2024	57	13.01	97.18	5.9	33.37	8.1	25.1	0.20
F29	13 Feb 2024	58	12.96	97.20	5.8	33.37	8.0	25.1	0.19
F29	13 Feb 2024	59	12.91	97.24	5.7	33.38	8.0	25.2	0.17
F29	13 Feb 2024	60	12.74	97.22	5.6	33.40	8.0	25.2	0.17
F29	13 Feb 2024	61	12.64	97.11	5.6	33.41	8.0	25.2	0.16
F29	13 Feb 2024	62	12.56	97.11	5.5	33.41	8.0	25.3	0.15
F29	13 Feb 2024	63	12.48	97.27	5.5	33.42	8.0	25.3	0.15
F29	13 Feb 2024	64	12.44	97.28	5.4	33.43	8.0	25.3	0.15
F29	13 Feb 2024	65	12.40	97.30	5.4	33.43	8.0	25.3	0.14
F29	13 Feb 2024	66	12.39	97.31	5.4	33.43	8.0	25.3	0.14
F29	13 Feb 2024	67	12.38	97.30	5.4	33.44	8.0	25.3	0.13
F29	13 Feb 2024	68	12.37	97.29	5.4	33.44	8.0	25.3	0.14
F29	13 Feb 2024	69	12.37	97.34	5.4	33.44	8.0	25.3	0.13
F29	13 Feb 2024	70	12.35	97.31	5.4	33.44	8.0	25.3	0.14
F29	13 Feb 2024	71	12.33	97.36	5.3	33.44	8.0	25.3	0.13
F29	13 Feb 2024	72	12.26	97.29	5.3	33.45	8.0	25.3	0.13
F29	13 Feb 2024	73	12.25	97.26	5.3	33.45	8.0	25.3	0.13
F29	13 Feb 2024	74	12.26	97.29	5.3	33.45	8.0	25.3	0.14
F29	13 Feb 2024	75	12.26	97.29	5.3	33.45	8.0	25.3	0.13
F29	13 Feb 2024	76	12.25	97.26	5.3	33.45	8.0	25.3	0.13
F29	13 Feb 2024	77	12.24	97.04	5.3	33.45	8.0	25.3	0.13
F29	13 Feb 2024	78	12.25	96.84	5.3	33.45	8.0	25.3	0.13
F29	13 Feb 2024	79	12.25	97.13	5.3	33.45	8.0	25.3	0.13
F29	13 Feb 2024	80	12.20	97.24	5.3	33.46	8.0	25.4	0.13
F29	13 Feb 2024	81	12.16	97.28	5.2	33.47	8.0	25.4	0.12
F29	13 Feb 2024	82	12.07	97.27	5.2	33.48	8.0	25.4	0.12
F29	13 Feb 2024	83	11.99	97.22	5.0	33.49	7.9	25.4	0.11
F29	13 Feb 2024	84	11.53	97.33	4.8	33.61	7.9	25.6	0.09
F29	13 Feb 2024	85	11.40	97.64	4.7	33.63	7.9	25.6	0.07
F29	13 Feb 2024	86	11.32	97.77	4.6	33.65	7.9	25.7	0.07
F29	13 Feb 2024	87	11.29	97.76	4.6	33.66	7.9	25.7	0.06
F29	13 Feb 2024	88	11.28	97.77	4.6	33.66	7.9	25.7	0.06
F29	13 Feb 2024	89	11.26	97.79	4.5	33.67	7.9	25.7	0.05
F29	13 Feb 2024	90	11.16	97.66	4.5	33.70	7.9	25.7	0.05
F29	13 Feb 2024	91	11.12	97.79	4.4	33.71	7.9	25.7	0.05
F29	13 Feb 2024	92	11.08	97.77	4.4	33.72	7.9	25.8	0.05
F29	13 Feb 2024	93	11.01	97.41	4.3	33.73	7.9	25.8	0.05
F29	13 Feb 2024	94	10.99	96.29	4.3	33.73	7.9	25.8	0.05
F29	13 Feb 2024	95	10.95	95.82	4.2	33.74	7.9	25.8	0.05
F29	13 Feb 2024	96	10.88	95.30	4.1	33.76	7.9	25.8	0.05
F29	13 Feb 2024	97	10.87	94.96	4.1	33.76	7.9	25.8	0.04
F29	13 Feb 2024	98	10.83	94.83	4.0	33.79	7.9	25.9	0.04



Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F29	13 Feb 2024	99	10.80	94.42	4.0	33.80	7.9	25.9	0.04
F29	13 Feb 2024	100	10.82	94.27	4.0	33.80	7.8	25.9	0.05
F30	13 Feb 2024	1	15.08	92.95	8.1	33.05	8.2	24.4	0.28
F30	13 Feb 2024	2	15.06	94.55	8.1	33.08	8.2	24.5	0.26
F30	13 Feb 2024	3	15.04	94.53	8.1	33.07	8.2	24.5	0.28
F30	13 Feb 2024	4	15.02	94.52	8.1	33.07	8.2	24.5	0.31
F30	13 Feb 2024	5	15.00	94.53	8.1	33.07	8.2	24.5	0.34
F30	13 Feb 2024	6	14.99	94.52	8.1	33.07	8.2	24.5	0.36
F30	13 Feb 2024	7	14.98	94.42	8.1	33.07	8.2	24.5	0.41
F30	13 Feb 2024	8	14.98	94.51	8.1	33.07	8.2	24.5	0.43
F30	13 Feb 2024	9	14.97	94.47	8.1	33.07	8.2	24.5	0.46
F30	13 Feb 2024	10	14.97	94.51	8.1	33.07	8.2	24.5	0.49
F30	13 Feb 2024	11	14.97	94.53	8.1	33.07	8.2	24.5	0.57
F30	13 Feb 2024	12	14.96	94.62	8.1	33.07	8.2	24.5	0.64
F30	13 Feb 2024	13	14.96	94.70	8.1	33.07	8.2	24.5	0.67
F30	13 Feb 2024	14	14.96	94.69	8.1	33.07	8.2	24.5	0.71
F30	13 Feb 2024	15	14.95	94.57	8.1	33.07	8.2	24.5	0.74
F30	13 Feb 2024	16	14.94	94.55	8.1	33.07	8.2	24.5	0.78
F30	13 Feb 2024	17	14.94	94.67	8.1	33.07	8.2	24.5	0.78
F30	13 Feb 2024	18	14.94	94.66	8.1	33.07	8.2	24.5	0.81
F30	13 Feb 2024	19	14.94	94.87	8.1	33.07	8.2	24.5	0.79
F30	13 Feb 2024	20	14.94	95.10	8.1	33.08	8.2	24.5	0.81
F30	13 Feb 2024	21	14.94	95.27	8.1	33.08	8.2	24.5	0.78
F30	13 Feb 2024	22	14.93	95.34	8.1	33.08	8.2	24.5	0.78
F30	13 Feb 2024	23	14.93	95.37	8.1	33.08	8.2	24.5	0.78
F30	13 Feb 2024	24	14.93	95.20	8.1	33.08	8.2	24.5	0.75
F30	13 Feb 2024	25	14.93	95.71	8.1	33.08	8.2	24.5	0.77
F30	13 Feb 2024	26	14.93	95.82	8.1	33.09	8.2	24.5	0.77
F30	13 Feb 2024	27	14.94	95.94	8.1	33.09	8.2	24.5	0.75
F30	13 Feb 2024	28	14.94	96.11	8.0	33.09	8.2	24.5	0.76
F30	13 Feb 2024	29	14.94	96.26	8.1	33.09	8.2	24.5	0.75
F30	13 Feb 2024	30	14.94	96.21	8.1	33.09	8.2	24.5	0.75
F30	13 Feb 2024	31	14.94	96.21	8.1	33.09	8.2	24.5	0.74
F30	13 Feb 2024	32	14.94	96.45	8.1	33.09	8.2	24.5	0.72
F30	13 Feb 2024	33	14.94	96.52	8.1	33.10	8.2	24.5	0.73
F30	13 Feb 2024	34	14.94	96.65	8.0	33.10	8.2	24.5	0.69
F30	13 Feb 2024	35	14.93	96.70	8.1	33.10	8.2	24.5	0.72
F30	13 Feb 2024	36	14.93	96.86	8.0	33.10	8.2	24.5	0.80
F30	13 Feb 2024	37	14.92	96.97	8.0	33.10	8.2	24.5	0.72
F30	13 Feb 2024	38	14.92	97.04	8.0	33.10	8.2	24.5	0.72
F30	13 Feb 2024	39	14.92	96.90	8.0	33.11	8.2	24.5	0.75
F30	13 Feb 2024	40	14.91	97.08	7.9	33.11	8.2	24.5	0.82
F30	13 Feb 2024	41	14.85	97.13	7.8	33.13	8.2	24.6	0.80
F30	13 Feb 2024	42	14.64	97.17	7.6	33.16	8.2	24.6	0.77
F30	13 Feb 2024	43	14.43	97.33	7.4	33.20	8.2	24.7	0.69
F30	13 Feb 2024	44	14.35	97.42	7.2	33.21	8.2	24.7	0.56
F30	13 Feb 2024	45	14.35	97.30	7.1	33.22	8.1	24.7	0.49
F30	13 Feb 2024	46	14.35	97.30	7.1	33.22	8.1	24.7	0.47
F30	13 Feb 2024	47	14.35	97.32	7.1	33.22	8.1	24.7	0.41
F30	13 Feb 2024	48	14.33	97.24	7.0	33.23	8.1	24.7	0.40
F30	13 Feb 2024	49	14.11	96.79	7.1	33.22	8.1	24.8	0.39
F30	13 Feb 2024	50	13.97	97.14	7.1	33.21	8.1	24.8	0.42
F30	13 Feb 2024	51	13.92	97.30	7.0	33.22	8.1	24.8	0.45
F30	13 Feb 2024	52	13.80	97.13	6.9	33.23	8.1	24.9	0.48
F30	13 Feb 2024	53	13.81	97.15	6.8	33.25	8.1	24.9	0.38
F30	13 Feb 2024	54	13.79	97.11	6.6	33.27	8.1	24.9	0.34
F30	13 Feb 2024	55	13.68	96.89	6.5	33.28	8.1	24.9	0.33
F30	13 Feb 2024	56	13.49	96.91	6.3	33.30	8.1	25.0	0.28
F30	13 Feb 2024	57	13.34	96.80	6.2	33.32	8.1	25.0	0.25
F30	13 Feb 2024	58	13.16	96.79	6.1	33.33	8.1	25.1	0.24

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F30	13 Feb 2024	59	12.90	96.91	5.9	33.37	8.1	25.1	0.23
F30	13 Feb 2024	60	12.65	97.02	5.7	33.39	8.0	25.2	0.19
F30	13 Feb 2024	61	12.43	97.14	5.6	33.42	8.0	25.3	0.16
F30	13 Feb 2024	62	12.41	97.16	5.5	33.42	8.0	25.3	0.15
F30	13 Feb 2024	63	12.39	97.21	5.5	33.42	8.0	25.3	0.14
F30	13 Feb 2024	64	12.36	97.20	5.5	33.42	8.0	25.3	0.14
F30	13 Feb 2024	65	12.33	97.17	5.4	33.43	8.0	25.3	0.13
F30	13 Feb 2024	66	12.26	97.20	5.4	33.43	8.0	25.3	0.16
F30	13 Feb 2024	67	12.15	96.90	5.3	33.45	8.0	25.4	0.12
F30	13 Feb 2024	68	12.01	97.13	5.2	33.48	8.0	25.4	0.11
F30	13 Feb 2024	69	11.91	97.26	5.2	33.50	8.0	25.4	0.11
F30	13 Feb 2024	70	11.84	97.26	5.1	33.51	8.0	25.5	0.10
F30	13 Feb 2024	71	11.80	97.29	5.0	33.52	8.0	25.5	0.09
F30	13 Feb 2024	72	11.77	97.24	5.0	33.53	7.9	25.5	0.09
F30	13 Feb 2024	73	11.77	97.21	5.0	33.53	7.9	25.5	0.09
F30	13 Feb 2024	74	11.76	97.23	5.0	33.53	7.9	25.5	0.09
F30	13 Feb 2024	75	11.76	97.27	5.0	33.53	7.9	25.5	0.08
F30	13 Feb 2024	76	11.74	97.24	4.9	33.53	7.9	25.5	0.09
F30	13 Feb 2024	77	11.56	96.94	4.7	33.52	7.9	25.5	0.08
F30	13 Feb 2024	78	11.33	95.37	4.5	33.53	7.9	25.6	0.08
F30	13 Feb 2024	79	11.25	93.70	4.5	33.55	7.9	25.6	0.07
F30	13 Feb 2024	80	11.21	92.99	4.4	33.58	7.9	25.6	0.06
F30	13 Feb 2024	81	11.20	93.42	4.4	33.59	7.9	25.6	0.09
F30	13 Feb 2024	82	11.20	93.87	4.4	33.60	7.9	25.7	0.20
F30	13 Feb 2024	83	11.19	94.07	4.4	33.61	7.9	25.7	0.11
F30	13 Feb 2024	84	11.20	94.39	4.4	33.61	7.9	25.7	0.07
F30	13 Feb 2024	85	11.20	94.66	4.4	33.62	7.9	25.7	0.06
F30	13 Feb 2024	86	11.20	94.62	4.4	33.62	7.9	25.7	0.06
F30	13 Feb 2024	87	11.14	94.82	4.3	33.63	7.9	25.7	0.06
F30	13 Feb 2024	88	11.13	94.84	4.3	33.63	7.9	25.7	0.06
F30	13 Feb 2024	89	11.15	94.85	4.3	33.65	7.9	25.7	0.05
F30	13 Feb 2024	90	11.18	95.07	4.3	33.65	7.9	25.7	0.05
F30	13 Feb 2024	91	11.13	95.38	4.3	33.66	7.9	25.7	0.05
F30	13 Feb 2024	92	11.12	95.34	4.2	33.66	7.9	25.7	0.05
F30	13 Feb 2024	93	11.06	94.88	4.1	33.67	7.9	25.7	0.05
F30	13 Feb 2024	94	11.00	94.82	4.0	33.70	7.9	25.8	0.05
F30	13 Feb 2024	95	10.99	94.87	4.0	33.70	7.9	25.8	0.05
F30	13 Feb 2024	96	11.01	94.71	4.0	33.70	7.8	25.8	0.04
F30	13 Feb 2024	97	11.02	94.88	4.1	33.70	7.8	25.8	0.05
F30	13 Feb 2024	98	11.02	95.14	4.0	33.73	7.8	25.8	0.05
F30	13 Feb 2024	99	11.00	95.18	4.0	33.75	7.8	25.8	0.04
F31	13 Feb 2024	1	15.03	95.20	8.2	33.04	8.2	24.5	0.25
F31	13 Feb 2024	2	15.04	95.38	8.1	33.04	8.2	24.5	0.25
F31	13 Feb 2024	3	15.00	94.15	8.1	33.04	8.2	24.5	0.25
F31	13 Feb 2024	4	14.97	90.45	8.2	33.04	8.2	24.5	0.27
F31	13 Feb 2024	5	14.96	94.83	8.2	33.04	8.2	24.5	0.29
F31	13 Feb 2024	6	14.96	95.53	8.2	33.04	8.2	24.5	0.30
F31	13 Feb 2024	7	14.96	95.58	8.2	33.04	8.2	24.5	0.31
F31	13 Feb 2024	8	14.95	95.10	8.2	33.05	8.2	24.5	0.34
F31	13 Feb 2024	9	14.95	95.44	8.2	33.05	8.2	24.5	0.37
F31	13 Feb 2024	10	14.94	95.60	8.2	33.05	8.2	24.5	0.40
F31	13 Feb 2024	11	14.94	95.43	8.2	33.05	8.2	24.5	0.44
F31	13 Feb 2024	12	14.94	95.59	8.1	33.05	8.2	24.5	0.49
F31	13 Feb 2024	13	14.94	95.77	8.1	33.05	8.2	24.5	0.50
F31	13 Feb 2024	14	14.94	95.61	8.1	33.05	8.2	24.5	0.51
F31	13 Feb 2024	15	14.95	95.81	8.1	33.05	8.2	24.5	0.54
F31	13 Feb 2024	16	14.95	95.93	8.1	33.05	8.2	24.5	0.55
F31	13 Feb 2024	17	14.95	96.15	8.1	33.05	8.2	24.5	0.57
F31	13 Feb 2024	18	14.95	96.29	8.1	33.06	8.2	24.5	0.55
F31	13 Feb 2024	19	14.95	96.49	8.1	33.06	8.2	24.5	0.58

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F31	13 Feb 2024	20	14.94	96.57	8.1	33.07	8.2	24.5	0.57
F31	13 Feb 2024	21	14.93	96.83	8.1	33.08	8.2	24.5	0.58
F31	13 Feb 2024	22	14.93	96.96	8.0	33.08	8.2	24.5	0.59
F31	13 Feb 2024	23	14.93	97.13	8.0	33.08	8.2	24.5	0.62
F31	13 Feb 2024	24	14.93	97.01	8.1	33.08	8.2	24.5	0.59
F31	13 Feb 2024	25	14.92	97.00	8.0	33.08	8.2	24.5	0.68
F31	13 Feb 2024	26	14.91	97.08	8.0	33.08	8.2	24.5	0.65
F31	13 Feb 2024	27	14.91	97.01	8.1	33.08	8.2	24.5	0.67
F31	13 Feb 2024	28	14.91	97.15	8.0	33.08	8.2	24.5	0.66
F31	13 Feb 2024	29	14.90	97.12	8.0	33.09	8.2	24.5	0.66
F31	13 Feb 2024	30	14.90	97.23	8.0	33.09	8.2	24.5	0.68
F31	13 Feb 2024	31	14.88	97.14	8.0	33.09	8.2	24.5	0.72
F31	13 Feb 2024	32	14.87	97.05	8.0	33.09	8.2	24.5	0.74
F31	13 Feb 2024	33	14.82	96.99	7.9	33.11	8.2	24.6	0.78
F31	13 Feb 2024	34	14.79	97.07	7.8	33.12	8.2	24.6	0.80
F31	13 Feb 2024	35	14.78	97.09	7.8	33.12	8.2	24.6	0.79
F31	13 Feb 2024	36	14.74	97.21	7.7	33.14	8.2	24.6	0.82
F31	13 Feb 2024	37	14.59	97.30	7.6	33.18	8.2	24.7	0.81
F31	13 Feb 2024	38	14.63	97.41	7.6	33.17	8.2	24.6	0.78
F31	13 Feb 2024	39	14.62	97.46	7.5	33.17	8.2	24.6	0.85
F31	13 Feb 2024	40	14.32	97.43	7.2	33.22	8.2	24.7	0.75
F31	13 Feb 2024	41	14.19	97.50	7.1	33.23	8.1	24.8	0.71
F31	13 Feb 2024	42	14.13	97.49	7.0	33.24	8.1	24.8	0.63
F31	13 Feb 2024	43	14.05	97.39	6.9	33.24	8.1	24.8	0.52
F31	13 Feb 2024	44	14.00	97.58	6.9	33.25	8.1	24.8	0.47
F31	13 Feb 2024	45	13.94	97.51	6.8	33.25	8.1	24.8	0.44
F31	13 Feb 2024	46	13.91	97.44	6.8	33.24	8.1	24.9	0.42
F31	13 Feb 2024	47	13.85	97.34	6.8	33.24	8.1	24.9	0.49
F31	13 Feb 2024	48	13.81	97.26	6.8	33.24	8.1	24.9	0.42
F31	13 Feb 2024	49	13.70	97.48	6.8	33.24	8.1	24.9	0.39
F31	13 Feb 2024	50	13.52	97.35	6.8	33.24	8.1	24.9	0.38
F31	13 Feb 2024	51	13.43	97.12	6.7	33.25	8.1	24.9	0.39
F31	13 Feb 2024	52	13.32	97.23	6.4	33.28	8.1	25.0	0.35
F31	13 Feb 2024	53	13.24	97.12	6.3	33.30	8.1	25.0	0.32
F31	13 Feb 2024	54	13.13	96.95	6.2	33.30	8.1	25.1	0.30
F31	13 Feb 2024	55	13.04	96.68	6.1	33.32	8.1	25.1	0.27
F31	13 Feb 2024	56	12.91	96.55	6.0	33.34	8.0	25.1	0.26
F31	13 Feb 2024	57	12.82	96.37	5.9	33.35	8.0	25.2	0.23
F31	13 Feb 2024	58	12.80	96.30	5.8	33.37	8.0	25.2	0.22
F31	13 Feb 2024	59	12.71	96.68	5.8	33.38	8.0	25.2	0.20
F31	13 Feb 2024	60	12.55	96.87	5.6	33.40	8.0	25.2	0.18
F31	13 Feb 2024	61	12.44	97.10	5.6	33.42	8.0	25.3	0.16
F31	13 Feb 2024	62	12.38	97.22	5.5	33.43	8.0	25.3	0.15
F31	13 Feb 2024	63	12.33	97.24	5.5	33.44	8.0	25.3	0.14
F31	13 Feb 2024	64	12.27	97.30	5.4	33.45	8.0	25.3	0.14
F31	13 Feb 2024	65	12.20	97.30	5.4	33.45	8.0	25.4	0.13
F31	13 Feb 2024	66	12.14	97.27	5.3	33.47	8.0	25.4	0.12
F31	13 Feb 2024	67	12.11	97.23	5.3	33.47	8.0	25.4	0.12
F31	13 Feb 2024	68	12.01	97.35	5.2	33.48	8.0	25.4	0.12
F31	13 Feb 2024	69	11.86	97.32	5.2	33.51	8.0	25.5	0.11
F31	13 Feb 2024	70	11.76	97.22	5.1	33.52	8.0	25.5	0.10
F31	13 Feb 2024	71	11.72	96.97	5.0	33.53	8.0	25.5	0.10
F31	13 Feb 2024	72	11.69	96.66	5.0	33.53	7.9	25.5	0.09
F31	13 Feb 2024	73	11.64	96.73	5.0	33.53	7.9	25.5	0.10
F31	13 Feb 2024	74	11.56	96.56	4.9	33.53	7.9	25.5	0.09
F31	13 Feb 2024	75	11.52	96.20	4.8	33.53	7.9	25.5	0.09
F31	13 Feb 2024	76	11.45	95.99	4.7	33.52	7.9	25.5	0.08
F31	13 Feb 2024	77	11.39	95.29	4.6	33.52	7.9	25.6	0.08
F31	13 Feb 2024	78	11.38	94.65	4.6	33.52	7.9	25.6	0.08
F31	13 Feb 2024	79	11.37	94.63	4.6	33.52	7.9	25.6	0.07
F31	13 Feb 2024	80	11.37	94.51	4.6	33.53	7.9	25.6	0.08

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F31	13 Feb 2024	81	11.38	94.88	4.6	33.53	7.9	25.6	0.08
F31	13 Feb 2024	82	11.39	95.13	4.6	33.54	7.9	25.6	0.07
F31	13 Feb 2024	83	11.42	95.22	4.6	33.55	7.9	25.6	0.08
F31	13 Feb 2024	84	11.44	95.57	4.7	33.56	7.9	25.6	0.07
F31	13 Feb 2024	85	11.44	95.86	4.6	33.57	7.9	25.6	0.08
F31	13 Feb 2024	86	11.42	95.93	4.6	33.59	7.9	25.6	0.07
F31	13 Feb 2024	87	11.42	95.96	4.6	33.60	7.9	25.6	0.07
F31	13 Feb 2024	88	11.38	96.01	4.5	33.61	7.9	25.6	0.06
F31	13 Feb 2024	89	11.35	95.99	4.5	33.63	7.9	25.6	0.06
F31	13 Feb 2024	90	11.33	96.03	4.4	33.64	7.9	25.7	0.06
F31	13 Feb 2024	91	11.27	96.09	4.4	33.66	7.9	25.7	0.06
F31	13 Feb 2024	92	11.23	96.09	4.4	33.68	7.9	25.7	0.05
F31	13 Feb 2024	93	11.19	96.20	4.3	33.69	7.9	25.7	0.05
F31	13 Feb 2024	94	11.16	96.42	4.3	33.70	7.9	25.7	0.04
F31	13 Feb 2024	95	11.13	96.54	4.2	33.72	7.9	25.8	0.05
F31	13 Feb 2024	96	11.06	96.75	4.1	33.75	7.9	25.8	0.04
F31	13 Feb 2024	97	10.95	96.14	4.0	33.80	7.9	25.8	0.05
F31	13 Feb 2024	98	10.89	95.16	3.9	33.82	7.9	25.9	0.04
F31	13 Feb 2024	99	10.92	94.60	2.6	33.47	7.8	25.6	0.01
F32	13 Feb 2024	1	15.11	95.82	8.2	33.03	8.2	24.4	0.23
F32	13 Feb 2024	2	15.10	95.26	8.2	33.03	8.2	24.4	0.22
F32	13 Feb 2024	3	15.04	95.88	8.2	33.03	8.2	24.4	0.25
F32	13 Feb 2024	4	15.00	95.85	8.2	33.03	8.2	24.5	0.28
F32	13 Feb 2024	5	14.99	95.73	8.1	33.03	8.2	24.5	0.31
F32	13 Feb 2024	6	14.98	95.51	8.1	33.03	8.2	24.5	0.33
F32	13 Feb 2024	7	14.97	95.67	8.2	33.03	8.2	24.5	0.36
F32	13 Feb 2024	8	14.97	95.62	8.2	33.03	8.2	24.5	0.37
F32	13 Feb 2024	9	14.97	95.63	8.2	33.03	8.2	24.5	0.38
F32	13 Feb 2024	10	14.96	95.65	8.2	33.03	8.2	24.5	0.42
F32	13 Feb 2024	11	14.96	95.70	8.2	33.03	8.2	24.5	0.44
F32	13 Feb 2024	12	14.96	95.75	8.2	33.03	8.2	24.5	0.47
F32	13 Feb 2024	13	14.95	95.51	8.2	33.03	8.2	24.5	0.50
F32	13 Feb 2024	14	14.95	95.58	8.2	33.03	8.2	24.5	0.52
F32	13 Feb 2024	15	14.95	95.77	8.2	33.03	8.2	24.5	0.54
F32	13 Feb 2024	16	14.95	95.73	8.2	33.03	8.2	24.5	0.55
F32	13 Feb 2024	17	14.95	95.76	8.1	33.03	8.2	24.5	0.57
F32	13 Feb 2024	18	14.96	95.89	8.1	33.03	8.2	24.5	0.57
F32	13 Feb 2024	19	14.96	95.88	8.2	33.04	8.2	24.5	0.56
F32	13 Feb 2024	20	14.97	95.94	8.2	33.04	8.2	24.5	0.57
F32	13 Feb 2024	21	14.97	96.06	8.1	33.04	8.2	24.5	0.58
F32	13 Feb 2024	22	14.97	96.03	8.1	33.04	8.2	24.5	0.58
F32	13 Feb 2024	23	14.97	96.16	8.1	33.04	8.2	24.5	0.65
F32	13 Feb 2024	24	14.97	96.19	8.1	33.04	8.2	24.5	0.67
F32	13 Feb 2024	25	14.96	96.23	8.1	33.05	8.2	24.5	0.64
F32	13 Feb 2024	26	14.96	96.15	8.1	33.05	8.2	24.5	0.69
F32	13 Feb 2024	27	14.96	96.28	8.1	33.05	8.2	24.5	0.71
F32	13 Feb 2024	28	14.97	96.35	8.1	33.05	8.2	24.5	0.67
F32	13 Feb 2024	29	14.97	96.45	8.1	33.06	8.2	24.5	0.68
F32	13 Feb 2024	30	14.98	96.08	8.1	33.06	8.2	24.5	0.69
F32	13 Feb 2024	31	14.98	96.57	8.1	33.06	8.2	24.5	0.70
F32	13 Feb 2024	32	14.98	96.68	8.1	33.07	8.2	24.5	0.70
F32	13 Feb 2024	33	14.99	96.76	8.0	33.07	8.2	24.5	0.75
F32	13 Feb 2024	34	14.99	96.77	8.0	33.07	8.2	24.5	0.73
F32	13 Feb 2024	35	14.98	96.74	8.0	33.08	8.2	24.5	0.76
F32	13 Feb 2024	36	14.96	96.70	8.0	33.08	8.2	24.5	0.81
F32	13 Feb 2024	37	14.92	96.68	7.9	33.10	8.2	24.5	0.84
F32	13 Feb 2024	38	14.89	96.61	7.8	33.11	8.2	24.5	0.92
F32	13 Feb 2024	39	14.86	96.67	7.7	33.12	8.2	24.5	0.88
F32	13 Feb 2024	40	14.74	96.94	7.7	33.13	8.2	24.6	0.83
F32	13 Feb 2024	41	14.67	97.13	7.6	33.15	8.2	24.6	0.80

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F32	13 Feb 2024	42	14.52	97.19	7.4	33.18	8.2	24.7	0.91
F32	13 Feb 2024	43	14.32	97.45	7.1	33.22	8.2	24.7	0.80
F32	13 Feb 2024	44	14.18	97.61	7.0	33.24	8.1	24.8	0.71
F32	13 Feb 2024	45	13.99	97.64	6.8	33.26	8.1	24.8	0.68
F32	13 Feb 2024	46	13.79	97.71	6.7	33.28	8.1	24.9	0.59
F32	13 Feb 2024	47	13.73	97.75	6.6	33.28	8.1	24.9	0.53
F32	13 Feb 2024	48	13.70	97.70	6.6	33.28	8.1	24.9	0.48
F32	13 Feb 2024	49	13.67	97.64	6.5	33.29	8.1	24.9	0.47
F32	13 Feb 2024	50	13.66	97.66	6.5	33.29	8.1	24.9	0.43
F32	13 Feb 2024	51	13.59	97.60	6.4	33.29	8.1	25.0	0.42
F32	13 Feb 2024	52	13.42	97.57	6.4	33.29	8.1	25.0	0.38
F32	13 Feb 2024	53	13.28	97.55	6.4	33.28	8.1	25.0	0.35
F32	13 Feb 2024	54	13.21	97.45	6.4	33.27	8.1	25.0	0.34
F32	13 Feb 2024	55	13.18	97.19	6.4	33.27	8.1	25.0	0.33
F32	13 Feb 2024	56	13.16	97.05	6.4	33.28	8.1	25.0	0.32
F32	13 Feb 2024	57	13.14	96.97	6.3	33.28	8.1	25.0	0.33
F32	13 Feb 2024	58	12.99	96.92	6.1	33.32	8.1	25.1	0.33
F32	13 Feb 2024	59	12.88	96.92	5.9	33.35	8.0	25.1	0.28
F32	13 Feb 2024	60	12.80	97.05	5.8	33.37	8.0	25.2	0.31
F32	13 Feb 2024	61	12.77	97.10	5.8	33.37	8.0	25.2	0.23
F32	13 Feb 2024	62	12.73	97.03	5.8	33.37	8.0	25.2	0.22
F32	13 Feb 2024	63	12.73	96.85	5.8	33.37	8.0	25.2	0.21
F32	13 Feb 2024	64	12.72	96.89	5.8	33.38	8.0	25.2	0.22
F32	13 Feb 2024	65	12.71	96.83	5.8	33.38	8.0	25.2	0.21
F32	13 Feb 2024	66	12.69	96.89	5.7	33.38	8.0	25.2	0.21
F32	13 Feb 2024	67	12.63	96.85	5.7	33.38	8.0	25.2	0.21
F32	13 Feb 2024	68	12.54	96.73	5.6	33.40	8.0	25.2	0.20
F32	13 Feb 2024	69	12.40	96.70	5.5	33.42	8.0	25.3	0.18
F32	13 Feb 2024	70	12.30	96.25	5.5	33.43	8.0	25.3	0.17
F32	13 Feb 2024	71	12.22	95.80	5.4	33.45	8.0	25.3	0.15
F32	13 Feb 2024	72	12.05	95.85	5.2	33.47	8.0	25.4	0.13
F32	13 Feb 2024	73	11.89	96.01	5.0	33.50	8.0	25.4	0.11
F32	13 Feb 2024	74	11.80	96.04	5.0	33.52	8.0	25.5	0.10
F32	13 Feb 2024	75	11.77	96.52	4.9	33.52	7.9	25.5	0.09
F32	13 Feb 2024	76	11.75	96.59	4.9	33.53	7.9	25.5	0.09
F32	13 Feb 2024	77	11.71	96.44	4.8	33.54	7.9	25.5	0.09
F32	13 Feb 2024	78	11.63	96.57	4.8	33.55	7.9	25.5	0.08
F32	13 Feb 2024	79	11.61	96.67	4.8	33.55	7.9	25.5	0.08
F32	13 Feb 2024	80	11.61	96.77	4.7	33.55	7.9	25.5	0.08
F32	13 Feb 2024	81	11.54	96.86	4.7	33.56	7.9	25.6	0.07
F32	13 Feb 2024	82	11.49	96.98	4.7	33.58	7.9	25.6	0.07
F32	13 Feb 2024	83	11.48	97.02	4.7	33.59	7.9	25.6	0.07
F32	13 Feb 2024	84	11.48	97.15	4.6	33.62	7.9	25.6	0.06
F32	13 Feb 2024	85	11.44	97.30	4.5	33.65	7.9	25.6	0.06
F32	13 Feb 2024	86	11.42	97.46	4.5	33.66	7.9	25.7	0.06
F32	13 Feb 2024	87	11.41	97.55	4.5	33.66	7.9	25.7	0.06
F32	13 Feb 2024	88	11.37	97.41	4.4	33.69	7.9	25.7	0.05
F32	13 Feb 2024	89	11.31	97.82	4.4	33.70	7.9	25.7	0.05
F32	13 Feb 2024	90	11.29	97.86	4.4	33.70	7.9	25.7	0.05
F32	13 Feb 2024	91	11.23	97.79	4.3	33.69	7.9	25.7	0.05
F32	13 Feb 2024	92	11.14	97.49	4.2	33.71	7.9	25.7	0.05
F32	13 Feb 2024	93	11.04	97.13	4.2	33.75	7.9	25.8	0.05
F32	13 Feb 2024	94	10.97	97.13	4.1	33.78	7.9	25.8	0.05
F32	13 Feb 2024	95	10.95	97.30	4.1	33.78	7.9	25.8	0.04
F32	13 Feb 2024	96	10.92	97.28	4.1	33.80	7.9	25.9	0.04
F32	13 Feb 2024	97	10.90	97.39	4.0	33.80	7.9	25.9	0.04
F32	13 Feb 2024	98	10.88	97.31	4.0	33.82	7.9	25.9	0.04
F32	13 Feb 2024	99	10.86	96.92	3.9	33.82	7.8	25.9	0.04
F32	13 Feb 2024	100	10.86	96.35	3.9	33.83	7.8	25.9	0.03
F33	13 Feb 2024	1	15.04	96.14	8.1	33.04	8.2	24.5	0.28

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F33	13 Feb 2024	2	15.01	96.21	8.1	33.04	8.2	24.5	0.29
F33	13 Feb 2024	3	15.00	96.23	8.1	33.04	8.2	24.5	0.31
F33	13 Feb 2024	4	14.98	96.08	8.1	33.04	8.2	24.5	0.33
F33	13 Feb 2024	5	14.98	96.06	8.1	33.04	8.2	24.5	0.37
F33	13 Feb 2024	6	14.97	96.00	8.1	33.04	8.2	24.5	0.38
F33	13 Feb 2024	7	14.97	95.83	8.1	33.04	8.2	24.5	0.38
F33	13 Feb 2024	8	14.97	95.69	8.1	33.04	8.2	24.5	0.40
F33	13 Feb 2024	9	14.97	95.96	8.1	33.04	8.2	24.5	0.42
F33	13 Feb 2024	10	14.97	95.97	8.1	33.04	8.2	24.5	0.44
F33	13 Feb 2024	11	14.97	96.11	8.1	33.04	8.2	24.5	0.47
F33	13 Feb 2024	12	14.97	96.04	8.1	33.04	8.2	24.5	0.51
F33	13 Feb 2024	13	14.96	95.87	8.1	33.04	8.2	24.5	0.55
F33	13 Feb 2024	14	14.96	96.15	8.1	33.04	8.2	24.5	0.59
F33	13 Feb 2024	15	14.96	96.06	8.1	33.04	8.2	24.5	0.61
F33	13 Feb 2024	16	14.96	95.98	8.1	33.04	8.2	24.5	0.62
F33	13 Feb 2024	17	14.96	96.02	8.1	33.04	8.2	24.5	0.65
F33	13 Feb 2024	18	14.96	96.15	8.1	33.04	8.2	24.5	0.68
F33	13 Feb 2024	19	14.96	96.14	8.1	33.04	8.2	24.5	0.67
F33	13 Feb 2024	20	14.96	96.16	8.1	33.04	8.2	24.5	0.69
F33	13 Feb 2024	21	14.96	96.21	8.1	33.04	8.2	24.5	0.66
F33	13 Feb 2024	22	14.96	96.26	8.1	33.04	8.2	24.5	0.66
F33	13 Feb 2024	23	14.96	96.26	8.1	33.04	8.2	24.5	0.68
F33	13 Feb 2024	24	14.96	96.07	8.1	33.04	8.2	24.5	0.67
F33	13 Feb 2024	25	14.96	96.30	8.1	33.04	8.2	24.5	0.67
F33	13 Feb 2024	26	14.96	96.25	8.1	33.05	8.2	24.5	0.69
F33	13 Feb 2024	27	14.96	96.30	8.1	33.05	8.2	24.5	0.73
F33	13 Feb 2024	28	14.96	96.28	8.1	33.05	8.2	24.5	0.75
F33	13 Feb 2024	29	14.96	96.37	8.1	33.05	8.2	24.5	0.76
F33	13 Feb 2024	30	14.96	96.27	8.1	33.05	8.2	24.5	0.78
F33	13 Feb 2024	31	14.95	96.03	8.0	33.06	8.2	24.5	0.80
F33	13 Feb 2024	32	14.91	96.29	7.8	33.09	8.2	24.5	0.88
F33	13 Feb 2024	33	14.80	96.60	7.7	33.13	8.2	24.6	0.87
F33	13 Feb 2024	34	14.68	96.68	7.5	33.16	8.2	24.6	0.86
F33	13 Feb 2024	35	14.55	96.90	7.3	33.18	8.2	24.7	0.82
F33	13 Feb 2024	36	14.42	97.25	7.2	33.20	8.2	24.7	0.74
F33	13 Feb 2024	37	14.25	97.38	7.0	33.23	8.1	24.8	0.71
F33	13 Feb 2024	38	14.16	97.41	6.9	33.24	8.1	24.8	0.69
F33	13 Feb 2024	39	14.08	97.57	6.8	33.24	8.1	24.8	0.69
F33	13 Feb 2024	40	13.85	97.70	6.7	33.26	8.1	24.9	0.66
F33	13 Feb 2024	41	13.68	97.69	6.6	33.28	8.1	24.9	0.55
F33	13 Feb 2024	42	13.64	97.81	6.5	33.28	8.1	24.9	0.52
F33	13 Feb 2024	43	13.63	97.72	6.5	33.27	8.1	24.9	0.51
F33	13 Feb 2024	44	13.58	97.82	6.4	33.28	8.1	24.9	0.49
F33	13 Feb 2024	45	13.51	97.79	6.3	33.29	8.1	25.0	0.47
F33	13 Feb 2024	46	13.44	97.68	6.3	33.30	8.1	25.0	0.43
F33	13 Feb 2024	47	13.37	97.54	6.2	33.31	8.1	25.0	0.40
F33	13 Feb 2024	48	13.29	97.66	6.1	33.32	8.1	25.0	0.38
F33	13 Feb 2024	49	13.15	97.60	6.0	33.34	8.0	25.1	0.33
F33	13 Feb 2024	50	13.12	97.66	6.0	33.34	8.0	25.1	0.33
F33	13 Feb 2024	51	13.06	97.59	5.9	33.35	8.0	25.1	0.29
F33	13 Feb 2024	52	13.01	97.65	5.9	33.36	8.0	25.1	0.28
F33	13 Feb 2024	53	12.99	97.64	5.8	33.37	8.0	25.1	0.26
F33	13 Feb 2024	54	12.96	97.58	5.7	33.38	8.0	25.1	0.24
F33	13 Feb 2024	55	12.89	97.52	5.6	33.40	8.0	25.2	0.23
F33	13 Feb 2024	56	12.86	97.49	5.6	33.41	8.0	25.2	0.22
F33	13 Feb 2024	57	12.84	97.53	5.5	33.41	8.0	25.2	0.22
F33	13 Feb 2024	58	12.77	97.56	5.4	33.44	8.0	25.2	0.19
F33	13 Feb 2024	59	12.61	97.54	5.3	33.46	8.0	25.3	0.17
F33	13 Feb 2024	60	12.54	97.35	5.3	33.45	8.0	25.3	0.14
F33	13 Feb 2024	61	12.46	97.06	5.3	33.44	8.0	25.3	0.13
F33	13 Feb 2024	62	12.43	96.91	5.4	33.43	8.0	25.3	0.13

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F33	13 Feb 2024	63	12.36	96.84	5.4	33.41	8.0	25.3	0.13
F33	13 Feb 2024	64	12.34	96.66	5.4	33.42	8.0	25.3	0.13
F33	13 Feb 2024	65	12.36	96.69	5.3	33.42	8.0	25.3	0.13
F33	13 Feb 2024	66	12.25	96.74	5.3	33.42	8.0	25.3	0.11
F33	13 Feb 2024	67	12.08	96.65	5.2	33.45	8.0	25.4	0.12
F33	13 Feb 2024	68	12.00	96.58	5.1	33.47	8.0	25.4	0.10
F33	13 Feb 2024	69	11.97	96.82	5.0	33.49	8.0	25.4	0.09
F33	13 Feb 2024	70	11.98	96.96	4.9	33.53	7.9	25.5	0.08
F33	13 Feb 2024	71	11.95	97.08	4.8	33.57	7.9	25.5	0.09
F33	13 Feb 2024	72	11.90	97.23	4.7	33.59	7.9	25.5	0.08
F33	13 Feb 2024	73	11.87	97.27	4.7	33.59	7.9	25.5	0.08
F33	13 Feb 2024	74	11.84	97.29	4.7	33.60	7.9	25.5	0.07
F33	13 Feb 2024	75	11.63	97.37	4.6	33.64	7.9	25.6	0.06
F33	13 Feb 2024	76	11.49	97.46	4.5	33.67	7.9	25.6	0.05
F33	13 Feb 2024	77	11.42	97.61	4.4	33.70	7.9	25.7	0.04
F33	13 Feb 2024	78	11.36	97.99	4.3	33.71	7.9	25.7	0.04
F33	13 Feb 2024	79	11.33	98.19	4.3	33.72	7.9	25.7	0.03
F33	13 Feb 2024	80	11.30	98.28	4.3	33.73	7.9	25.7	0.03
F33	13 Feb 2024	81	11.27	98.27	4.2	33.73	7.9	25.7	0.04
F33	13 Feb 2024	82	11.25	98.31	4.3	33.74	7.9	25.7	0.04
F33	13 Feb 2024	83	11.22	98.31	4.3	33.74	7.9	25.8	0.04
F33	13 Feb 2024	84	11.18	98.31	4.2	33.74	7.9	25.8	0.03
F33	13 Feb 2024	85	11.09	98.17	4.2	33.75	7.9	25.8	0.04
F33	13 Feb 2024	86	11.04	98.27	4.2	33.75	7.9	25.8	0.03
F33	13 Feb 2024	87	11.02	98.20	4.2	33.75	7.9	25.8	0.03
F33	13 Feb 2024	88	10.98	98.15	4.2	33.75	7.9	25.8	0.03
F33	13 Feb 2024	89	10.97	98.15	4.2	33.75	7.9	25.8	0.03
F33	13 Feb 2024	90	10.94	98.10	4.2	33.75	7.9	25.8	0.03
F33	13 Feb 2024	91	10.91	98.18	4.2	33.77	7.9	25.8	0.02
F33	13 Feb 2024	92	10.88	98.16	4.2	33.78	7.9	25.9	0.02
F33	13 Feb 2024	93	10.86	98.10	4.1	33.79	7.9	25.9	0.03
F33	13 Feb 2024	94	10.84	98.20	4.1	33.80	7.9	25.9	0.02
F33	13 Feb 2024	95	10.83	98.23	4.1	33.81	7.9	25.9	0.02
F33	13 Feb 2024	96	10.83	98.25	4.0	33.81	7.9	25.9	0.02
F33	13 Feb 2024	97	10.80	98.27	4.0	33.83	7.8	25.9	0.02
F33	13 Feb 2024	98	10.79	98.27	3.9	33.84	7.8	25.9	0.02
F33	13 Feb 2024	99	10.78	98.28	3.8	33.85	7.8	25.9	0.02
F33	13 Feb 2024	100	10.76	98.22	3.8	33.87	7.8	25.9	0.02
F33	13 Feb 2024	101	10.69	97.65	3.6	33.91	7.8	26.0	0.02
F34	13 Feb 2024	1	15.01	93.48	8.1	33.01	8.2	24.4	0.34
F34	13 Feb 2024	2	15.00	94.89	8.1	33.01	8.2	24.4	0.35
F34	13 Feb 2024	3	15.00	95.16	8.1	33.01	8.2	24.4	0.35
F34	13 Feb 2024	4	14.99	95.32	8.1	33.01	8.2	24.4	0.36
F34	13 Feb 2024	5	14.99	95.22	8.1	33.01	8.2	24.4	0.38
F34	13 Feb 2024	6	14.99	95.30	8.1	33.01	8.2	24.4	0.40
F34	13 Feb 2024	7	14.99	95.25	8.1	33.01	8.2	24.4	0.43
F34	13 Feb 2024	8	14.99	95.16	8.1	33.02	8.2	24.4	0.46
F34	13 Feb 2024	9	14.99	95.31	8.1	33.02	8.2	24.4	0.50
F34	13 Feb 2024	10	14.99	95.30	8.1	33.02	8.2	24.4	0.53
F34	13 Feb 2024	11	14.99	95.35	8.1	33.02	8.2	24.4	0.58
F34	13 Feb 2024	12	14.99	95.32	8.1	33.02	8.2	24.4	0.60
F34	13 Feb 2024	13	14.99	95.21	8.1	33.02	8.2	24.4	0.66
F34	13 Feb 2024	14	14.99	95.37	8.1	33.02	8.2	24.4	0.65
F34	13 Feb 2024	15	14.99	95.38	8.1	33.03	8.2	24.5	0.72
F34	13 Feb 2024	16	14.99	95.40	8.1	33.03	8.2	24.5	0.73
F34	13 Feb 2024	17	15.00	95.44	8.1	33.04	8.2	24.5	0.82
F34	13 Feb 2024	18	15.00	95.41	8.1	33.05	8.2	24.5	0.84
F34	13 Feb 2024	19	14.99	95.46	8.1	33.07	8.2	24.5	0.93
F34	13 Feb 2024	20	14.99	95.50	8.0	33.07	8.2	24.5	0.97
F34	13 Feb 2024	21	14.96	95.51	8.0	33.11	8.2	24.5	1.05

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F34	13 Feb 2024	22	14.96	95.72	8.0	33.11	8.2	24.5	1.11
F34	13 Feb 2024	23	14.95	95.71	7.9	33.11	8.2	24.5	1.10
F34	13 Feb 2024	24	14.94	95.86	7.9	33.11	8.2	24.5	1.08
F34	13 Feb 2024	25	14.91	96.30	7.8	33.12	8.2	24.5	1.03
F34	13 Feb 2024	26	14.87	96.50	7.8	33.13	8.2	24.6	1.03
F34	13 Feb 2024	27	14.82	96.73	7.7	33.15	8.2	24.6	0.96
F34	13 Feb 2024	28	14.76	96.69	7.6	33.16	8.2	24.6	0.86
F34	13 Feb 2024	29	14.72	96.91	7.5	33.18	8.2	24.6	0.80
F34	13 Feb 2024	30	14.68	96.66	7.4	33.19	8.2	24.6	0.77
F34	13 Feb 2024	31	14.62	97.20	7.4	33.20	8.2	24.7	0.72
F34	13 Feb 2024	32	14.59	97.39	7.3	33.21	8.2	24.7	0.67
F34	13 Feb 2024	33	14.42	97.37	7.2	33.23	8.1	24.7	0.59
F34	13 Feb 2024	34	14.33	97.60	7.1	33.24	8.1	24.8	0.56
F34	13 Feb 2024	35	14.22	97.49	7.0	33.24	8.1	24.8	0.51
F34	13 Feb 2024	36	13.93	97.75	6.8	33.26	8.1	24.9	0.49
F34	13 Feb 2024	37	13.78	97.74	6.7	33.27	8.1	24.9	0.45
F34	13 Feb 2024	38	13.60	97.91	6.6	33.28	8.1	24.9	0.43
F34	13 Feb 2024	39	13.60	97.84	6.5	33.28	8.1	24.9	0.41
F34	13 Feb 2024	40	13.39	97.86	6.4	33.29	8.1	25.0	0.37
F34	13 Feb 2024	41	13.39	97.84	6.3	33.29	8.1	25.0	0.33
F34	13 Feb 2024	42	13.30	97.78	6.2	33.30	8.1	25.0	0.31
F34	13 Feb 2024	43	13.19	97.81	6.2	33.31	8.1	25.0	0.29
F34	13 Feb 2024	44	13.16	97.83	6.1	33.32	8.0	25.1	0.28
F34	13 Feb 2024	45	13.13	97.81	6.1	33.32	8.0	25.1	0.27
F34	13 Feb 2024	46	13.11	97.80	6.0	33.33	8.0	25.1	0.27
F34	13 Feb 2024	47	13.08	97.79	6.0	33.33	8.0	25.1	0.28
F34	13 Feb 2024	48	13.05	97.82	6.0	33.34	8.0	25.1	0.27
F34	13 Feb 2024	49	13.02	97.86	6.0	33.34	8.0	25.1	0.27
F34	13 Feb 2024	50	13.01	97.74	5.9	33.34	8.0	25.1	0.27
F34	13 Feb 2024	51	12.99	97.89	5.9	33.35	8.0	25.1	0.25
F34	13 Feb 2024	52	12.87	97.86	5.7	33.38	8.0	25.2	0.24
F34	13 Feb 2024	53	12.60	98.04	5.6	33.43	8.0	25.3	0.21
F34	13 Feb 2024	54	12.44	98.11	5.5	33.44	8.0	25.3	0.19
F34	13 Feb 2024	55	12.38	98.02	5.4	33.46	8.0	25.3	0.18
F34	13 Feb 2024	56	12.39	97.81	5.2	33.48	8.0	25.3	0.17
F34	13 Feb 2024	57	12.35	97.46	5.2	33.49	8.0	25.4	0.15
F34	13 Feb 2024	58	12.29	97.19	5.1	33.49	8.0	25.4	0.14
F34	13 Feb 2024	59	12.25	97.26	5.2	33.50	8.0	25.4	0.14
F34	13 Feb 2024	60	12.24	97.35	5.2	33.50	8.0	25.4	0.14
F34	13 Feb 2024	61	12.22	97.39	5.2	33.50	8.0	25.4	0.13
F34	13 Feb 2024	62	12.19	97.45	5.2	33.49	8.0	25.4	0.13
F34	13 Feb 2024	63	12.17	97.59	5.2	33.49	8.0	25.4	0.13
F34	13 Feb 2024	64	12.17	97.68	5.2	33.49	8.0	25.4	0.14
F34	13 Feb 2024	65	12.17	97.67	5.2	33.49	8.0	25.4	0.14
F34	13 Feb 2024	66	12.16	97.64	5.2	33.49	8.0	25.4	0.14
F34	13 Feb 2024	67	12.13	97.70	5.2	33.49	7.9	25.4	0.14
F34	13 Feb 2024	68	12.09	97.80	5.2	33.49	7.9	25.4	0.13
F34	13 Feb 2024	69	12.05	97.84	5.1	33.51	7.9	25.4	0.12
F34	13 Feb 2024	70	12.00	97.76	5.0	33.53	7.9	25.4	0.11
F34	13 Feb 2024	71	11.93	97.53	4.9	33.55	7.9	25.5	0.10
F34	13 Feb 2024	72	11.92	97.26	4.9	33.55	7.9	25.5	0.10
F34	13 Feb 2024	73	11.89	97.19	4.8	33.56	7.9	25.5	0.10
F34	13 Feb 2024	74	11.86	97.14	4.8	33.56	7.9	25.5	0.09
F34	13 Feb 2024	75	11.83	97.09	4.8	33.57	7.9	25.5	0.08
F34	13 Feb 2024	76	11.82	96.85	4.8	33.57	7.9	25.5	0.08
F34	13 Feb 2024	77	11.82	97.03	4.8	33.57	7.9	25.5	0.08
F34	13 Feb 2024	78	11.82	97.03	4.8	33.57	7.9	25.5	0.08
F34	13 Feb 2024	79	11.79	97.08	4.8	33.57	7.9	25.5	0.07
F34	13 Feb 2024	80	11.76	97.22	4.7	33.58	7.9	25.5	0.07
F34	13 Feb 2024	81	11.71	97.26	4.7	33.59	7.9	25.6	0.07
F34	13 Feb 2024	82	11.64	97.24	4.6	33.61	7.9	25.6	0.07



Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F34	13 Feb 2024	83	11.56	97.24	4.6	33.62	7.9	25.6	0.06
F34	13 Feb 2024	84	11.42	97.27	4.5	33.65	7.9	25.6	0.06
F34	13 Feb 2024	85	11.28	97.39	4.3	33.71	7.9	25.7	0.05
F34	13 Feb 2024	86	11.18	97.95	4.2	33.76	7.9	25.8	0.04
F34	13 Feb 2024	87	11.04	98.41	4.1	33.77	7.9	25.8	0.03
F34	13 Feb 2024	88	10.95	98.44	4.2	33.78	7.9	25.8	0.03
F34	13 Feb 2024	89	10.94	98.47	4.2	33.78	7.9	25.8	0.03
F34	13 Feb 2024	90	10.87	98.43	4.1	33.80	7.9	25.9	0.03
F34	13 Feb 2024	91	10.81	98.40	4.0	33.82	7.9	25.9	0.03
F34	13 Feb 2024	92	10.77	98.50	3.9	33.84	7.9	25.9	0.02
F34	13 Feb 2024	93	10.77	98.48	3.9	33.84	7.9	25.9	0.02
F34	13 Feb 2024	94	10.77	98.50	3.9	33.85	7.8	25.9	0.02
F34	13 Feb 2024	95	10.76	98.45	3.8	33.86	7.8	25.9	0.02
F34	13 Feb 2024	96	10.71	98.30	3.7	33.90	7.8	26.0	0.02
F34	13 Feb 2024	97	10.69	98.16	3.6	33.91	7.8	26.0	0.03
F34	13 Feb 2024	98	10.69	98.02	3.6	33.91	7.8	26.0	0.17
F34	13 Feb 2024	99	10.67	97.96	3.5	33.92	7.8	26.0	0.04
F34	13 Feb 2024	100	10.65	97.82	3.5	33.93	7.8	26.0	0.03
F34	13 Feb 2024	101	10.61	97.51	3.4	33.96	7.8	26.0	0.02
F34	13 Feb 2024	102	10.61	97.24	3.3	33.96	7.8	26.0	0.02
F35	13 Feb 2024	1	14.97	94.17	8.2	32.99	8.2	24.4	0.32
F35	13 Feb 2024	2	14.97	94.34	8.2	32.99	8.2	24.4	0.34
F35	13 Feb 2024	3	14.97	94.79	8.2	32.99	8.2	24.4	0.35
F35	13 Feb 2024	4	14.97	94.44	8.2	32.99	8.2	24.4	0.39
F35	13 Feb 2024	5	14.97	94.72	8.2	32.99	8.2	24.4	0.42
F35	13 Feb 2024	6	14.97	94.32	8.1	32.99	8.2	24.4	0.45
F35	13 Feb 2024	7	14.98	94.73	8.2	33.00	8.2	24.4	0.49
F35	13 Feb 2024	8	14.98	94.71	8.2	33.00	8.2	24.4	0.54
F35	13 Feb 2024	9	14.99	94.79	8.2	33.00	8.2	24.4	0.58
F35	13 Feb 2024	10	14.99	94.61	8.2	33.00	8.2	24.4	0.63
F35	13 Feb 2024	11	14.99	94.79	8.2	33.00	8.2	24.4	0.66
F35	13 Feb 2024	12	14.99	94.74	8.1	33.00	8.2	24.4	0.68
F35	13 Feb 2024	13	14.99	94.79	8.2	33.01	8.2	24.4	0.73
F35	13 Feb 2024	14	15.00	94.63	8.1	33.02	8.2	24.4	0.76
F35	13 Feb 2024	15	15.01	94.70	8.1	33.03	8.2	24.5	0.83
F35	13 Feb 2024	16	15.01	94.92	8.1	33.05	8.2	24.5	0.93
F35	13 Feb 2024	17	15.01	95.03	8.0	33.07	8.2	24.5	0.96
F35	13 Feb 2024	18	15.00	94.99	8.0	33.10	8.2	24.5	1.09
F35	13 Feb 2024	19	15.00	95.14	8.0	33.13	8.2	24.5	1.20
F35	13 Feb 2024	20	14.99	95.22	7.9	33.13	8.2	24.5	1.26
F35	13 Feb 2024	21	14.98	95.20	7.9	33.13	8.2	24.5	1.25
F35	13 Feb 2024	22	14.98	95.27	7.9	33.13	8.2	24.5	1.20
F35	13 Feb 2024	23	14.95	95.57	7.8	33.13	8.2	24.5	1.14
F35	13 Feb 2024	24	14.93	95.80	7.8	33.13	8.2	24.5	1.07
F35	13 Feb 2024	25	14.88	96.07	7.8	33.14	8.2	24.6	0.99
F35	13 Feb 2024	26	14.87	96.54	7.7	33.15	8.2	24.6	0.90
F35	13 Feb 2024	27	14.87	96.76	7.7	33.15	8.2	24.6	0.84
F35	13 Feb 2024	28	14.86	96.98	7.7	33.15	8.2	24.6	0.80
F35	13 Feb 2024	29	14.85	96.89	7.7	33.16	8.2	24.6	0.76
F35	13 Feb 2024	30	14.83	97.08	7.6	33.16	8.2	24.6	0.72
F35	13 Feb 2024	31	14.78	97.10	7.6	33.18	8.2	24.6	0.67
F35	13 Feb 2024	32	14.76	97.31	7.5	33.18	8.2	24.6	0.62
F35	13 Feb 2024	33	14.74	97.25	7.4	33.19	8.2	24.6	0.59
F35	13 Feb 2024	34	14.64	97.10	7.3	33.22	8.2	24.7	0.55
F35	13 Feb 2024	35	14.57	97.34	7.2	33.23	8.1	24.7	0.46
F35	13 Feb 2024	36	14.46	97.47	7.1	33.23	8.1	24.7	0.43
F35	13 Feb 2024	37	14.37	97.51	7.0	33.24	8.1	24.7	0.40
F35	13 Feb 2024	38	14.33	97.63	7.0	33.24	8.1	24.8	0.36
F35	13 Feb 2024	39	14.27	97.72	7.0	33.24	8.1	24.8	0.36
F35	13 Feb 2024	40	14.19	97.76	7.0	33.24	8.1	24.8	0.37

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F35	13 Feb 2024	41	14.06	97.67	6.9	33.24	8.1	24.8	0.38
F35	13 Feb 2024	42	13.93	97.82	6.8	33.26	8.1	24.9	0.37
F35	13 Feb 2024	43	13.86	97.86	6.7	33.26	8.1	24.9	0.36
F35	13 Feb 2024	44	13.74	97.82	6.6	33.27	8.1	24.9	0.35
F35	13 Feb 2024	45	13.62	97.85	6.5	33.27	8.1	24.9	0.33
F35	13 Feb 2024	46	13.53	97.91	6.4	33.28	8.1	25.0	0.35
F35	13 Feb 2024	47	13.43	97.73	6.3	33.29	8.1	25.0	0.35
F35	13 Feb 2024	48	13.21	97.69	6.2	33.31	8.1	25.0	0.31
F35	13 Feb 2024	49	13.13	97.87	6.1	33.32	8.1	25.1	0.28
F35	13 Feb 2024	50	13.10	97.94	6.1	33.32	8.0	25.1	0.28
F35	13 Feb 2024	51	13.10	97.91	6.1	33.32	8.0	25.1	0.34
F35	13 Feb 2024	52	13.09	97.89	6.1	33.32	8.0	25.1	0.29
F35	13 Feb 2024	53	13.08	97.89	6.1	33.33	8.0	25.1	0.26
F35	13 Feb 2024	54	13.07	97.94	6.1	33.33	8.0	25.1	0.26
F35	13 Feb 2024	55	13.04	97.87	6.0	33.33	8.0	25.1	0.24
F35	13 Feb 2024	56	12.99	97.87	5.8	33.34	8.0	25.1	0.22
F35	13 Feb 2024	57	12.70	98.00	5.8	33.38	8.0	25.2	0.21
F35	13 Feb 2024	58	12.33	98.06	5.8	33.40	8.0	25.3	0.19
F35	13 Feb 2024	59	12.26	98.28	5.7	33.40	8.0	25.3	0.18
F35	13 Feb 2024	60	12.23	98.37	5.7	33.40	8.0	25.3	0.17
F35	13 Feb 2024	61	12.20	98.35	5.7	33.40	8.0	25.3	0.17
F35	13 Feb 2024	62	12.17	98.37	5.6	33.41	8.0	25.3	0.15
F35	13 Feb 2024	63	12.09	98.32	5.5	33.43	8.0	25.4	0.15
F35	13 Feb 2024	64	11.99	98.37	5.4	33.47	8.0	25.4	0.13
F35	13 Feb 2024	65	11.94	98.31	5.2	33.51	8.0	25.4	0.11
F35	13 Feb 2024	66	11.85	98.07	4.9	33.56	8.0	25.5	0.10
F35	13 Feb 2024	67	11.68	97.78	4.7	33.62	8.0	25.6	0.09
F35	13 Feb 2024	68	11.63	97.69	4.7	33.63	7.9	25.6	0.07
F35	13 Feb 2024	69	11.58	97.69	4.6	33.65	7.9	25.6	0.06
F35	13 Feb 2024	70	11.55	97.71	4.6	33.66	7.9	25.6	0.06
F35	13 Feb 2024	71	11.51	97.68	4.5	33.67	7.9	25.6	0.05
F35	13 Feb 2024	72	11.50	97.53	4.5	33.67	7.9	25.7	0.05
F35	13 Feb 2024	73	11.48	97.40	4.5	33.68	7.9	25.7	0.05
F35	13 Feb 2024	74	11.45	97.31	4.4	33.69	7.9	25.7	0.05
F35	13 Feb 2024	75	11.44	97.16	4.4	33.69	7.9	25.7	0.05
F35	13 Feb 2024	76	11.42	96.84	4.4	33.69	7.9	25.7	0.04
F35	13 Feb 2024	77	11.41	96.47	4.3	33.69	7.9	25.7	0.05
F35	13 Feb 2024	78	11.40	96.39	4.4	33.69	7.9	25.7	0.05
F35	13 Feb 2024	79	11.38	96.41	4.3	33.70	7.9	25.7	0.05
F35	13 Feb 2024	80	11.33	96.46	4.3	33.70	7.9	25.7	0.04
F35	13 Feb 2024	81	11.29	96.52	4.3	33.71	7.9	25.7	0.04
F35	13 Feb 2024	82	11.25	96.67	4.3	33.71	7.9	25.7	0.04
F35	13 Feb 2024	83	11.16	96.72	4.2	33.74	7.9	25.8	0.03
F35	13 Feb 2024	84	11.10	96.78	4.1	33.77	7.9	25.8	0.04
F35	13 Feb 2024	85	10.96	96.76	4.0	33.82	7.9	25.9	0.03
F35	13 Feb 2024	86	10.92	96.89	3.9	33.83	7.9	25.9	0.03
F35	13 Feb 2024	87	10.91	97.07	3.9	33.83	7.9	25.9	0.02
F35	13 Feb 2024	88	10.90	97.03	3.9	33.84	7.9	25.9	0.02
F35	13 Feb 2024	89	10.89	96.97	3.8	33.84	7.9	25.9	0.02
F35	13 Feb 2024	90	10.87	97.16	3.8	33.85	7.8	25.9	0.02
F35	13 Feb 2024	91	10.84	97.21	3.8	33.86	7.8	25.9	0.02
F35	13 Feb 2024	92	10.81	97.07	3.7	33.87	7.8	25.9	0.02
F35	13 Feb 2024	93	10.78	97.26	3.7	33.88	7.8	25.9	0.01
F35	13 Feb 2024	94	10.73	97.37	3.6	33.90	7.8	26.0	0.02
F35	13 Feb 2024	95	10.70	97.34	3.5	33.91	7.8	26.0	0.02
F35	13 Feb 2024	96	10.69	97.19	3.5	33.92	7.8	26.0	0.02
F35	13 Feb 2024	97	10.69	97.11	3.5	33.92	7.8	26.0	0.01
F35	13 Feb 2024	98	10.67	97.16	3.5	33.93	7.8	26.0	0.02
F35	13 Feb 2024	99	10.66	96.87	3.4	33.93	7.8	26.0	0.02
F35	13 Feb 2024	100	10.66	96.62	3.4	33.94	7.8	26.0	0.01
F35	13 Feb 2024	101	10.67	96.56	3.4	33.93	7.8	26.0	0.10

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F36	13 Feb 2024	1	14.87	90.59	8.2	32.89	8.3	24.4	0.42
F36	13 Feb 2024	2	14.87	92.71	8.2	32.89	8.3	24.4	0.43
F36	13 Feb 2024	3	14.87	92.91	8.3	32.90	8.3	24.4	0.44
F36	13 Feb 2024	4	14.86	92.82	8.3	32.90	8.3	24.4	0.50
F36	13 Feb 2024	5	14.88	92.93	8.3	32.90	8.3	24.4	0.53
F36	13 Feb 2024	6	14.93	93.10	8.2	32.92	8.3	24.4	0.56
F36	13 Feb 2024	7	14.98	93.39	8.2	32.95	8.3	24.4	0.60
F36	13 Feb 2024	8	15.00	93.72	8.2	32.97	8.2	24.4	0.67
F36	13 Feb 2024	9	15.01	94.06	8.1	32.99	8.2	24.4	0.78
F36	13 Feb 2024	10	15.02	94.16	8.1	33.00	8.2	24.4	0.81
F36	13 Feb 2024	11	15.02	94.07	8.1	33.01	8.2	24.4	0.89
F36	13 Feb 2024	12	15.03	93.89	8.1	33.02	8.2	24.4	0.92
F36	13 Feb 2024	13	15.03	93.94	8.1	33.04	8.2	24.5	0.99
F36	13 Feb 2024	14	15.03	94.31	8.0	33.05	8.2	24.5	1.09
F36	13 Feb 2024	15	15.03	94.29	8.0	33.06	8.2	24.5	1.06
F36	13 Feb 2024	16	15.02	94.32	8.0	33.08	8.2	24.5	1.08
F36	13 Feb 2024	17	15.02	94.46	7.9	33.10	8.2	24.5	1.09
F36	13 Feb 2024	18	15.02	94.68	7.9	33.12	8.2	24.5	1.10
F36	13 Feb 2024	19	15.01	94.88	7.9	33.13	8.2	24.5	1.10
F36	13 Feb 2024	20	15.00	95.38	7.8	33.13	8.2	24.5	1.06
F36	13 Feb 2024	21	14.99	95.77	7.9	33.13	8.2	24.5	1.08
F36	13 Feb 2024	22	14.98	95.83	7.9	33.13	8.2	24.5	1.07
F36	13 Feb 2024	23	14.96	95.69	7.9	33.12	8.2	24.5	1.15
F36	13 Feb 2024	24	14.94	95.79	7.9	33.12	8.2	24.5	1.04
F36	13 Feb 2024	25	14.95	96.01	7.8	33.13	8.2	24.5	0.99
F36	13 Feb 2024	26	14.95	96.32	7.8	33.14	8.2	24.6	0.84
F36	13 Feb 2024	27	14.90	96.49	7.6	33.17	8.2	24.6	0.70
F36	13 Feb 2024	28	14.80	97.13	7.4	33.20	8.2	24.6	0.54
F36	13 Feb 2024	29	14.71	97.24	7.3	33.22	8.2	24.7	0.49
F36	13 Feb 2024	30	14.63	97.39	7.3	33.23	8.2	24.7	0.47
F36	13 Feb 2024	31	14.59	97.52	7.2	33.23	8.2	24.7	0.48
F36	13 Feb 2024	32	14.51	97.59	7.2	33.24	8.2	24.7	0.44
F36	13 Feb 2024	33	14.44	97.66	7.1	33.24	8.2	24.7	0.43
F36	13 Feb 2024	34	14.36	97.72	7.1	33.24	8.2	24.8	0.41
F36	13 Feb 2024	35	14.34	97.76	7.1	33.24	8.2	24.8	0.39
F36	13 Feb 2024	36	14.30	97.77	7.0	33.24	8.2	24.8	0.40
F36	13 Feb 2024	37	14.14	97.76	6.9	33.26	8.2	24.8	0.42
F36	13 Feb 2024	38	13.98	97.75	6.8	33.26	8.2	24.8	0.43
F36	13 Feb 2024	39	13.86	97.73	6.7	33.27	8.1	24.9	0.43
F36	13 Feb 2024	40	13.64	97.85	6.5	33.28	8.1	24.9	0.40
F36	13 Feb 2024	41	13.54	97.81	6.4	33.29	8.1	25.0	0.37
F36	13 Feb 2024	42	13.33	97.83	6.3	33.30	8.1	25.0	0.33
F36	13 Feb 2024	43	13.23	97.84	6.2	33.31	8.1	25.0	0.29
F36	13 Feb 2024	44	13.19	97.81	6.2	33.31	8.1	25.0	0.27
F36	13 Feb 2024	45	13.18	97.88	6.2	33.31	8.1	25.0	0.25
F36	13 Feb 2024	46	13.17	97.83	6.2	33.31	8.1	25.1	0.25
F36	13 Feb 2024	47	13.16	97.82	6.2	33.31	8.1	25.1	0.25
F36	13 Feb 2024	48	13.15	97.91	6.2	33.31	8.1	25.1	0.24
F36	13 Feb 2024	49	13.14	97.94	6.1	33.31	8.1	25.1	0.24
F36	13 Feb 2024	50	13.12	97.90	6.1	33.32	8.1	25.1	0.25
F36	13 Feb 2024	51	13.11	97.91	6.1	33.32	8.1	25.1	0.25
F36	13 Feb 2024	52	13.05	97.98	6.0	33.32	8.1	25.1	0.23
F36	13 Feb 2024	53	12.69	98.03	5.9	33.36	8.1	25.2	0.22
F36	13 Feb 2024	54	12.50	98.13	5.9	33.36	8.1	25.2	0.20
F36	13 Feb 2024	55	12.45	98.21	5.9	33.36	8.1	25.2	0.19
F36	13 Feb 2024	56	12.43	98.25	5.9	33.36	8.1	25.2	0.19
F36	13 Feb 2024	57	12.42	98.28	5.9	33.35	8.1	25.2	0.19
F36	13 Feb 2024	58	12.40	98.13	5.9	33.35	8.1	25.2	0.19
F36	13 Feb 2024	59	12.38	98.27	5.9	33.35	8.1	25.2	0.18
F36	13 Feb 2024	60	12.37	98.32	5.9	33.36	8.1	25.2	0.19

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F36	13 Feb 2024	61	12.35	98.30	5.8	33.36	8.1	25.2	0.18
F36	13 Feb 2024	62	12.23	98.31	5.8	33.38	8.1	25.3	0.17
F36	13 Feb 2024	63	12.18	98.31	5.8	33.38	8.0	25.3	0.17
F36	13 Feb 2024	64	12.19	98.35	5.7	33.38	8.0	25.3	0.16
F36	13 Feb 2024	65	12.04	98.35	5.6	33.42	8.0	25.4	0.15
F36	13 Feb 2024	66	12.01	98.36	5.6	33.44	8.0	25.4	0.14
F36	13 Feb 2024	67	11.99	98.35	5.5	33.44	8.0	25.4	0.13
F36	13 Feb 2024	68	11.94	98.32	5.4	33.46	8.0	25.4	0.13
F36	13 Feb 2024	69	11.82	98.27	5.2	33.52	8.0	25.5	0.12
F36	13 Feb 2024	70	11.78	98.28	5.1	33.54	8.0	25.5	0.11
F36	13 Feb 2024	71	11.65	98.25	5.0	33.58	8.0	25.5	0.09
F36	13 Feb 2024	72	11.55	98.22	4.9	33.60	8.0	25.6	0.08
F36	13 Feb 2024	73	11.52	98.24	4.8	33.61	8.0	25.6	0.08
F36	13 Feb 2024	74	11.49	98.29	4.8	33.62	8.0	25.6	0.07
F36	13 Feb 2024	75	11.43	98.07	4.8	33.63	8.0	25.6	0.06
F36	13 Feb 2024	76	11.36	98.32	4.7	33.65	8.0	25.7	0.06
F36	13 Feb 2024	77	11.33	98.34	4.6	33.66	8.0	25.7	0.05
F36	13 Feb 2024	78	11.29	98.32	4.6	33.67	8.0	25.7	0.05
F36	13 Feb 2024	79	11.18	98.38	4.5	33.71	8.0	25.7	0.05
F36	13 Feb 2024	80	11.14	98.38	4.4	33.72	8.0	25.8	0.04
F36	13 Feb 2024	81	11.08	98.38	4.3	33.73	8.0	25.8	0.04
F36	13 Feb 2024	82	11.04	98.36	4.3	33.74	7.9	25.8	0.03
F36	13 Feb 2024	83	11.01	98.42	4.3	33.75	7.9	25.8	0.03
F36	13 Feb 2024	84	10.97	98.42	4.2	33.78	7.9	25.8	0.03
F36	13 Feb 2024	85	10.94	98.36	4.1	33.80	7.9	25.9	0.03
F36	13 Feb 2024	86	10.91	98.28	4.0	33.81	7.9	25.9	0.02
F36	13 Feb 2024	87	10.84	98.11	4.0	33.83	7.9	25.9	0.02
F36	13 Feb 2024	88	10.77	98.08	3.9	33.84	7.9	25.9	0.02
F36	13 Feb 2024	89	10.74	98.12	3.8	33.86	7.9	25.9	0.02
F36	13 Feb 2024	90	10.72	98.07	3.8	33.87	7.9	25.9	0.02
F36	13 Feb 2024	91	10.66	97.99	3.7	33.89	7.9	26.0	0.02
F36	13 Feb 2024	92	10.64	97.89	3.6	33.91	7.9	26.0	0.02
F36	13 Feb 2024	93	10.64	97.96	3.6	33.91	7.9	26.0	0.01
F36	13 Feb 2024	94	10.64	97.96	3.5	33.92	7.9	26.0	0.02
F36	13 Feb 2024	95	10.61	97.85	3.5	33.94	7.9	26.0	0.02
F36	13 Feb 2024	96	10.61	98.06	3.5	33.94	7.9	26.0	0.01
F36	13 Feb 2024	97	10.60	98.14	3.4	33.94	7.9	26.0	0.02
F36	13 Feb 2024	98	10.60	98.18	3.4	33.95	7.9	26.0	0.01
F36	13 Feb 2024	99	10.59	98.08	3.3	33.96	7.9	26.0	0.01
F36	13 Feb 2024	100	10.59	97.87	3.3	33.97	7.9	26.0	0.01

NA = not available

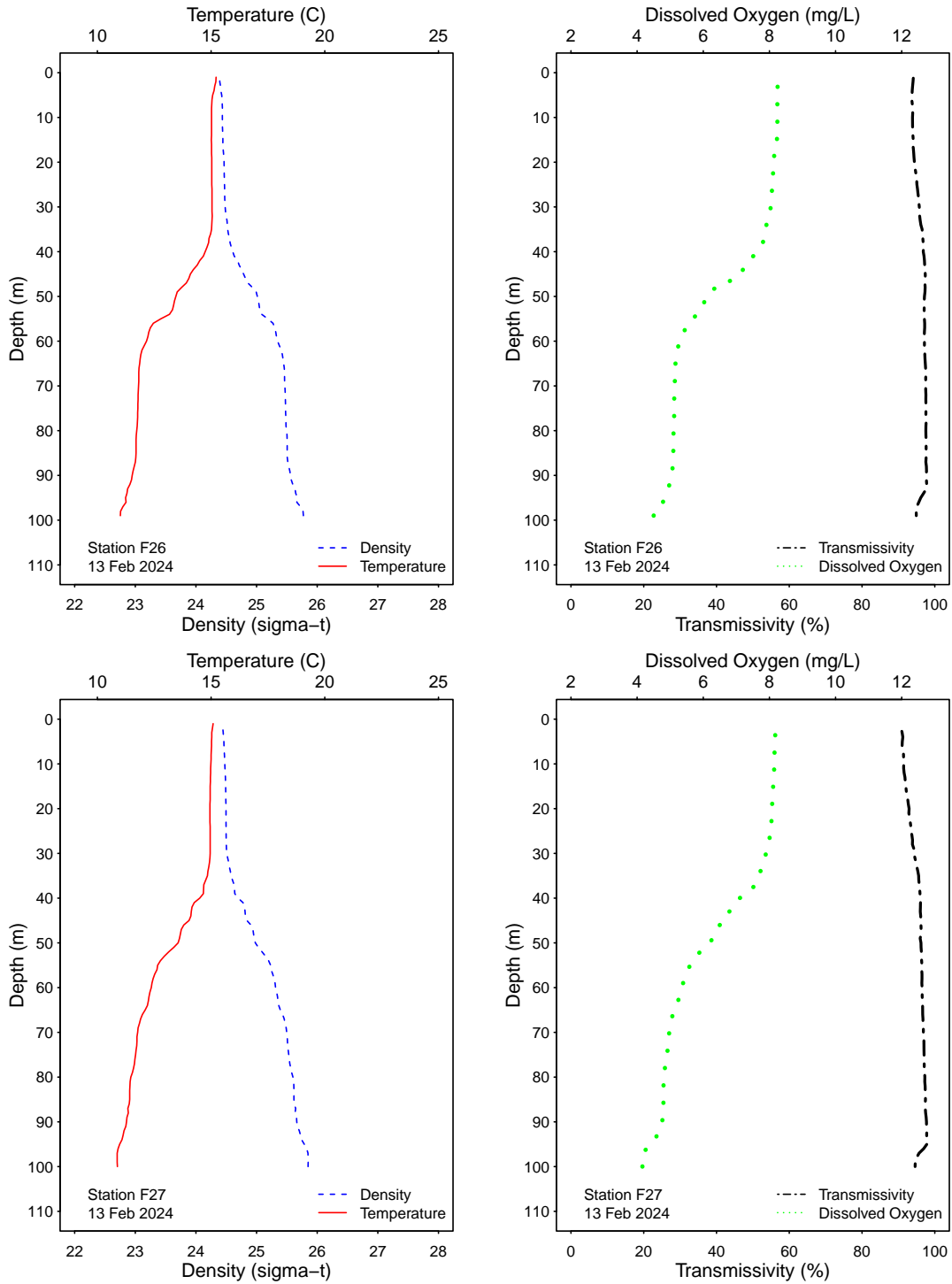


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

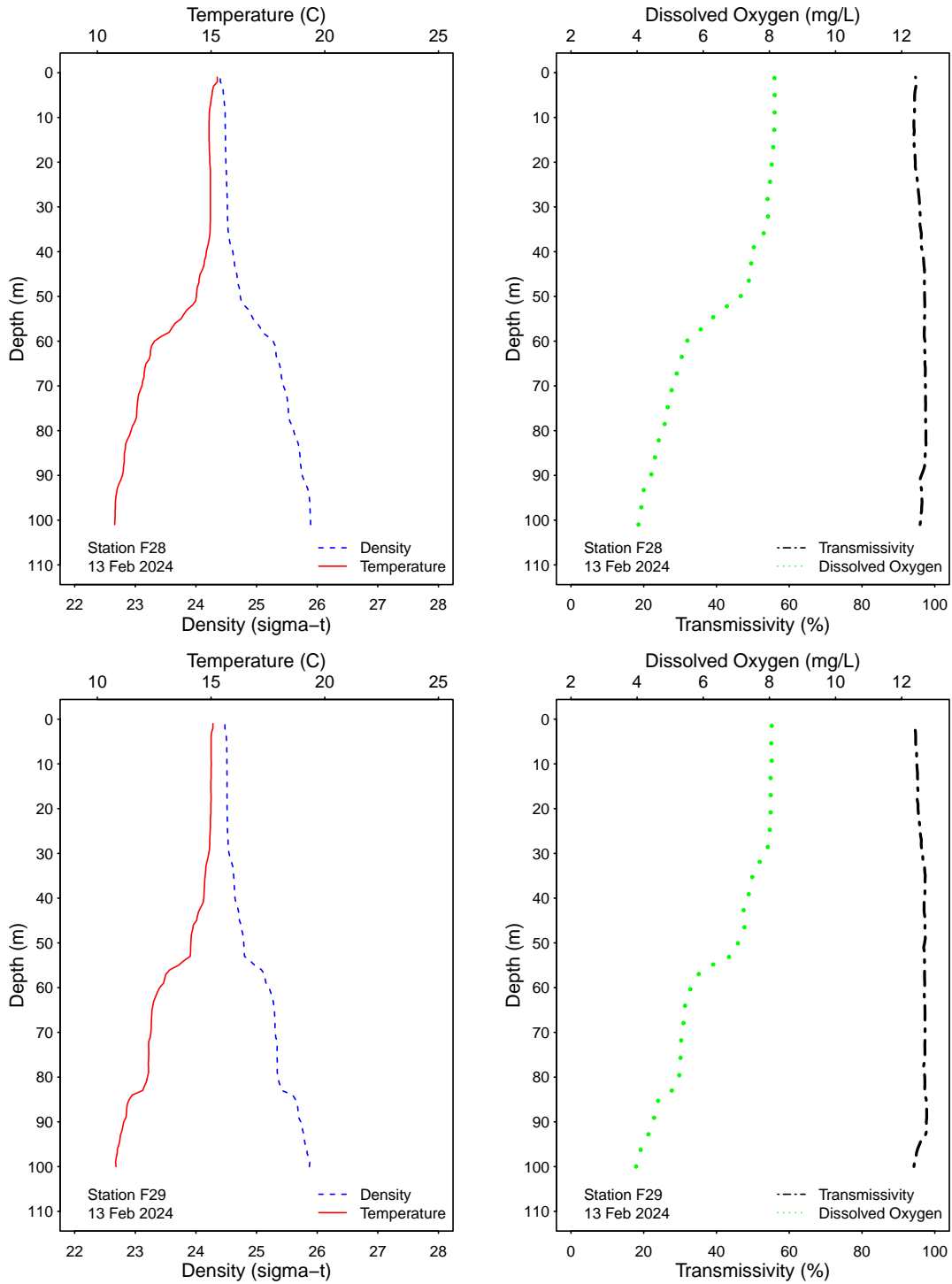


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

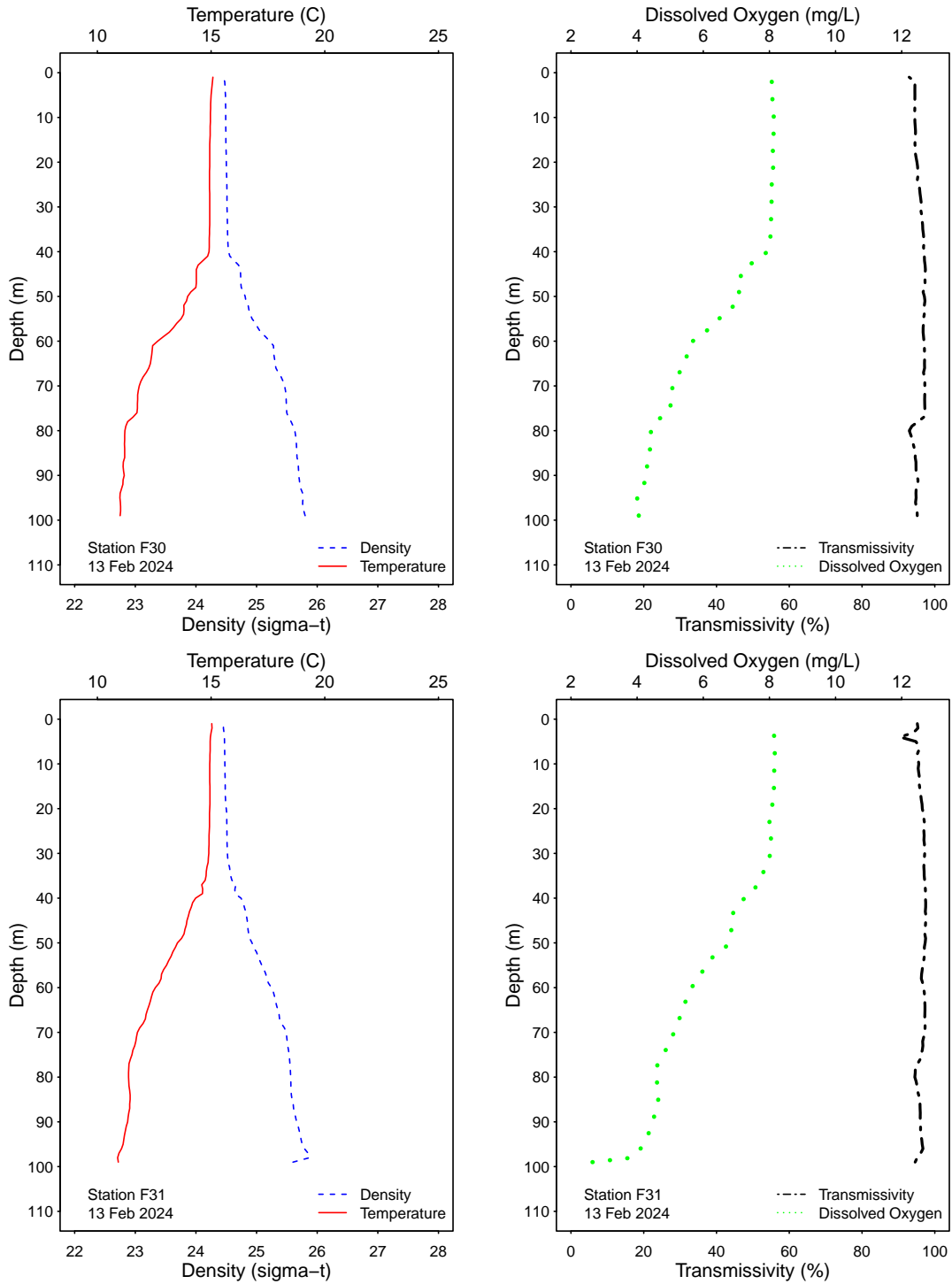


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

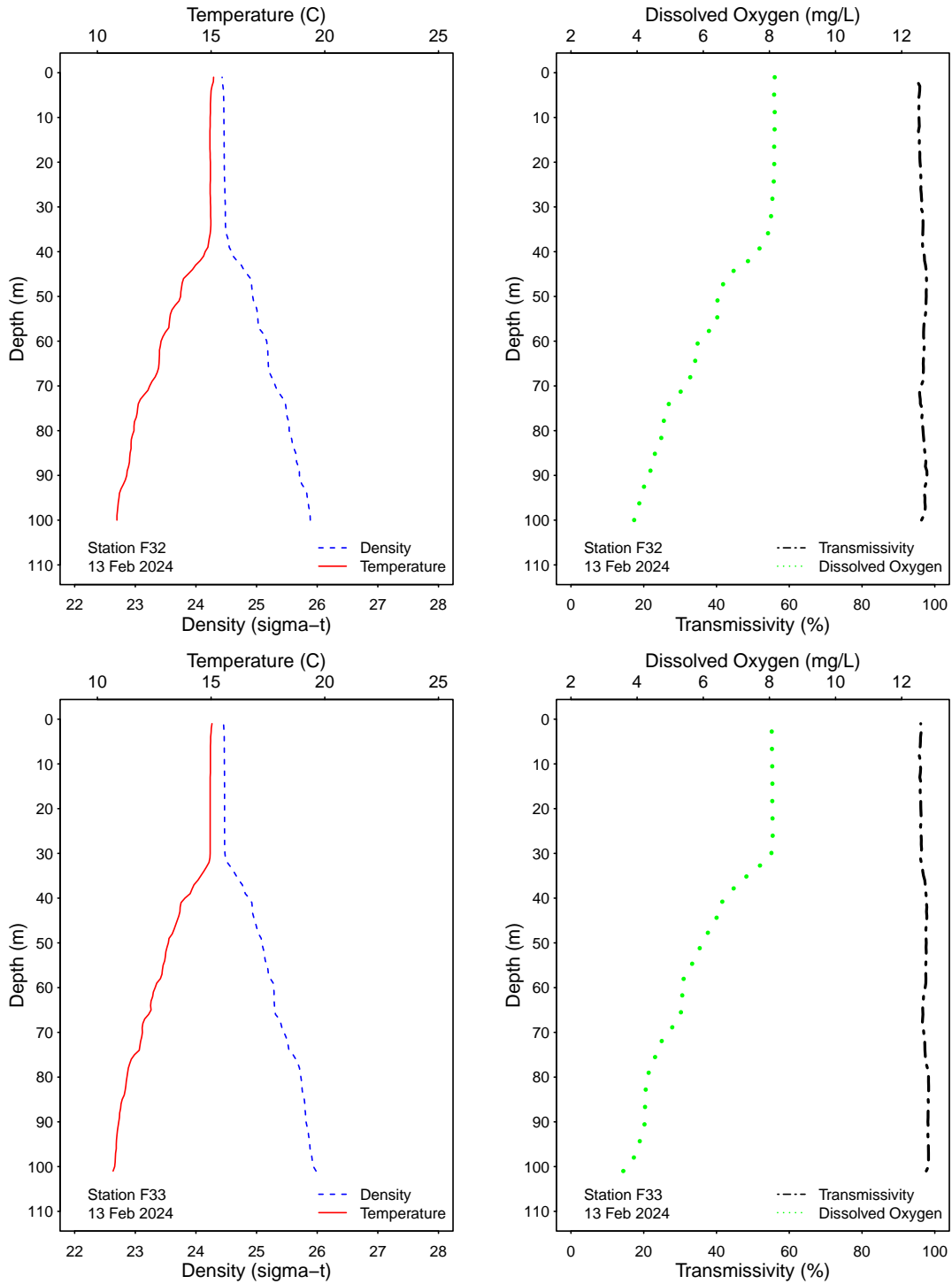


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.



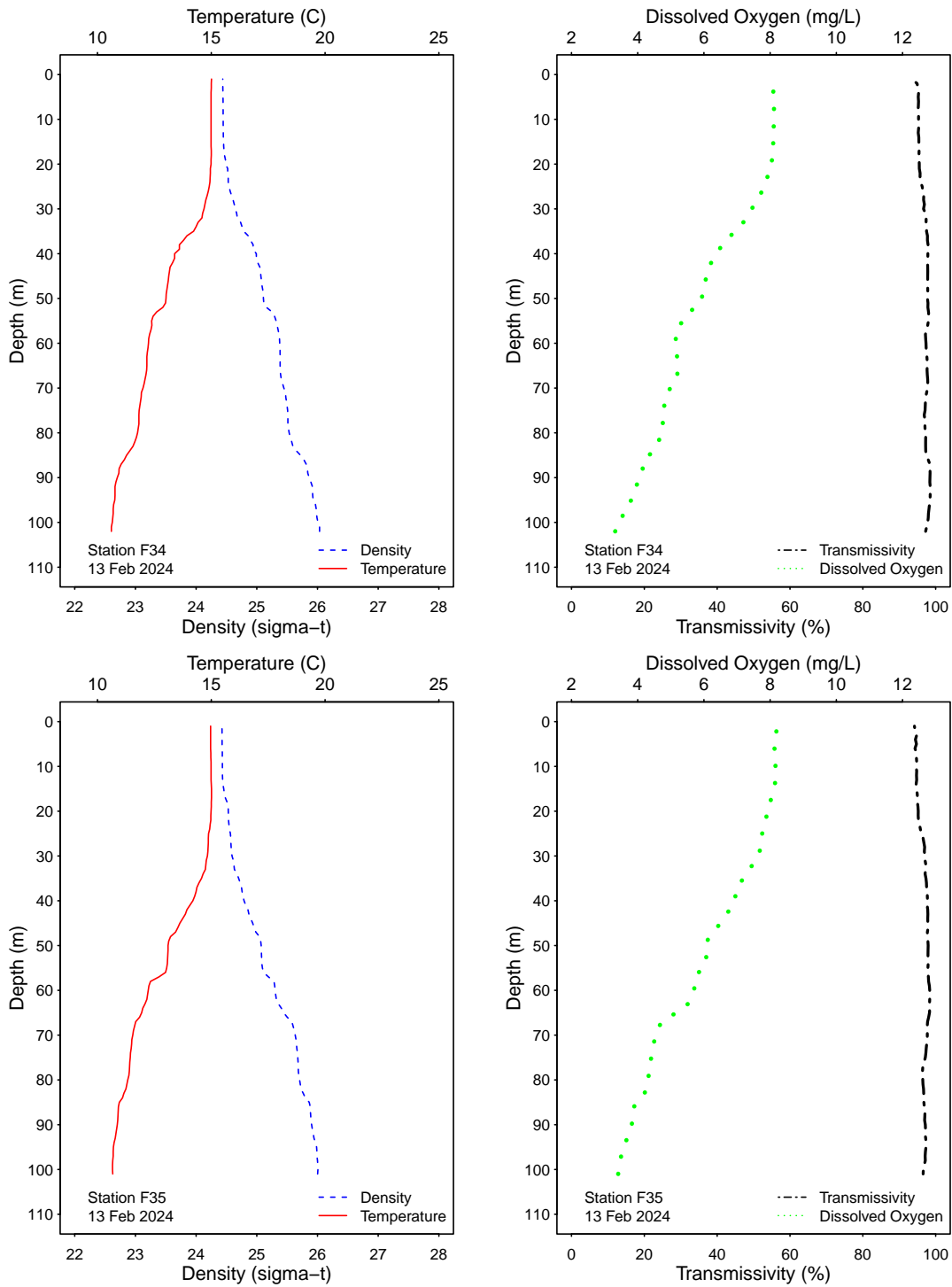


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

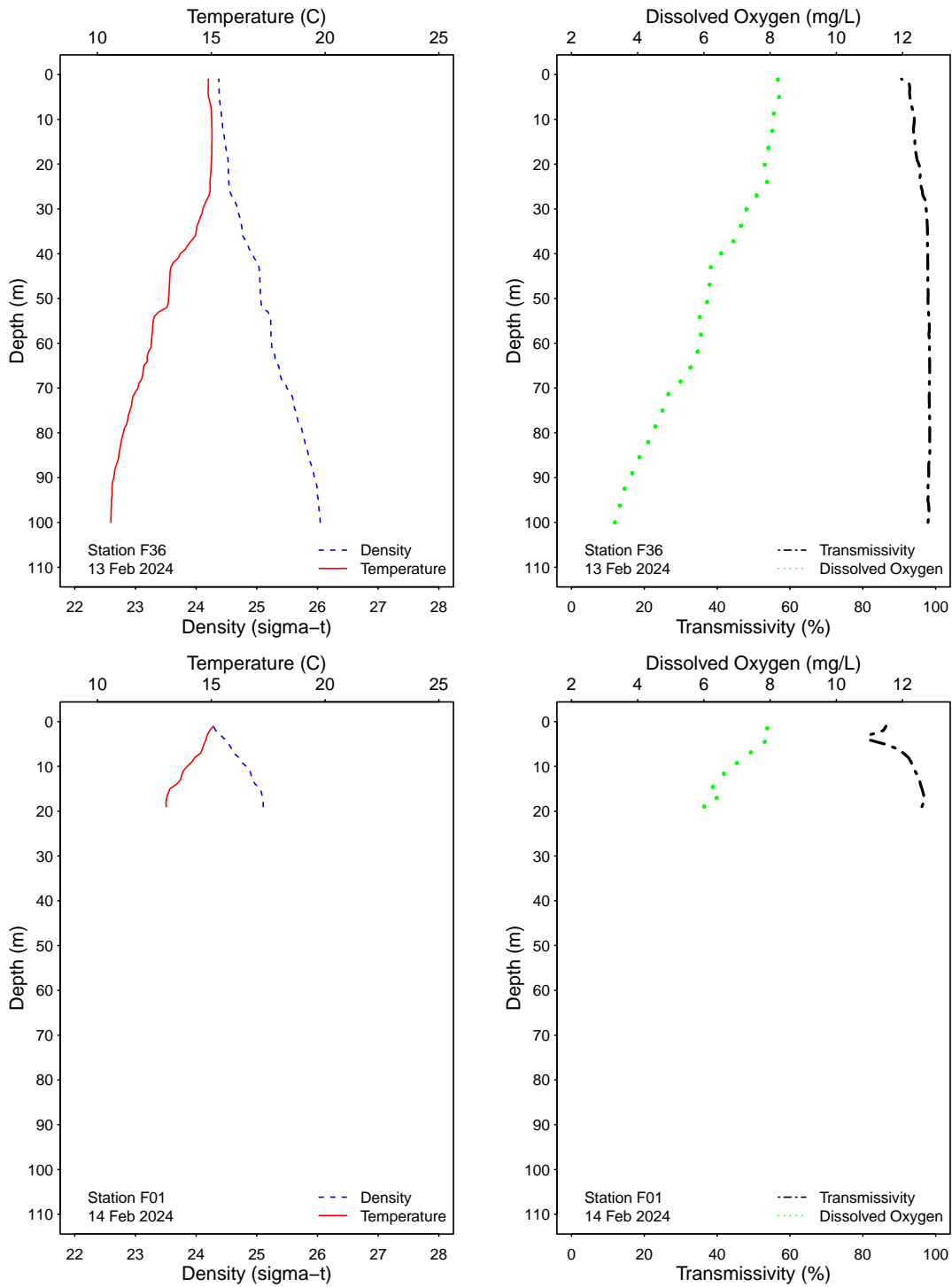


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

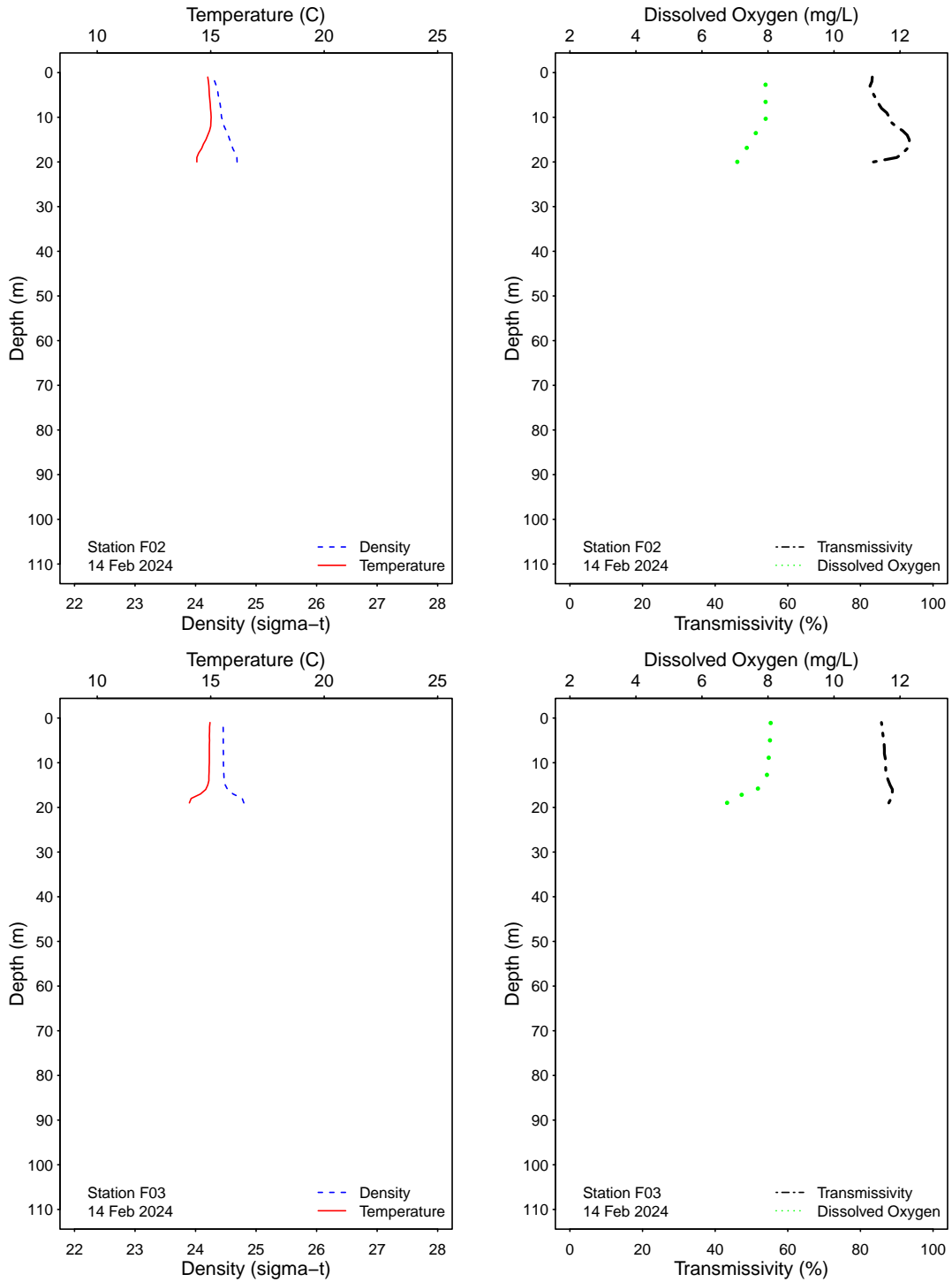


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

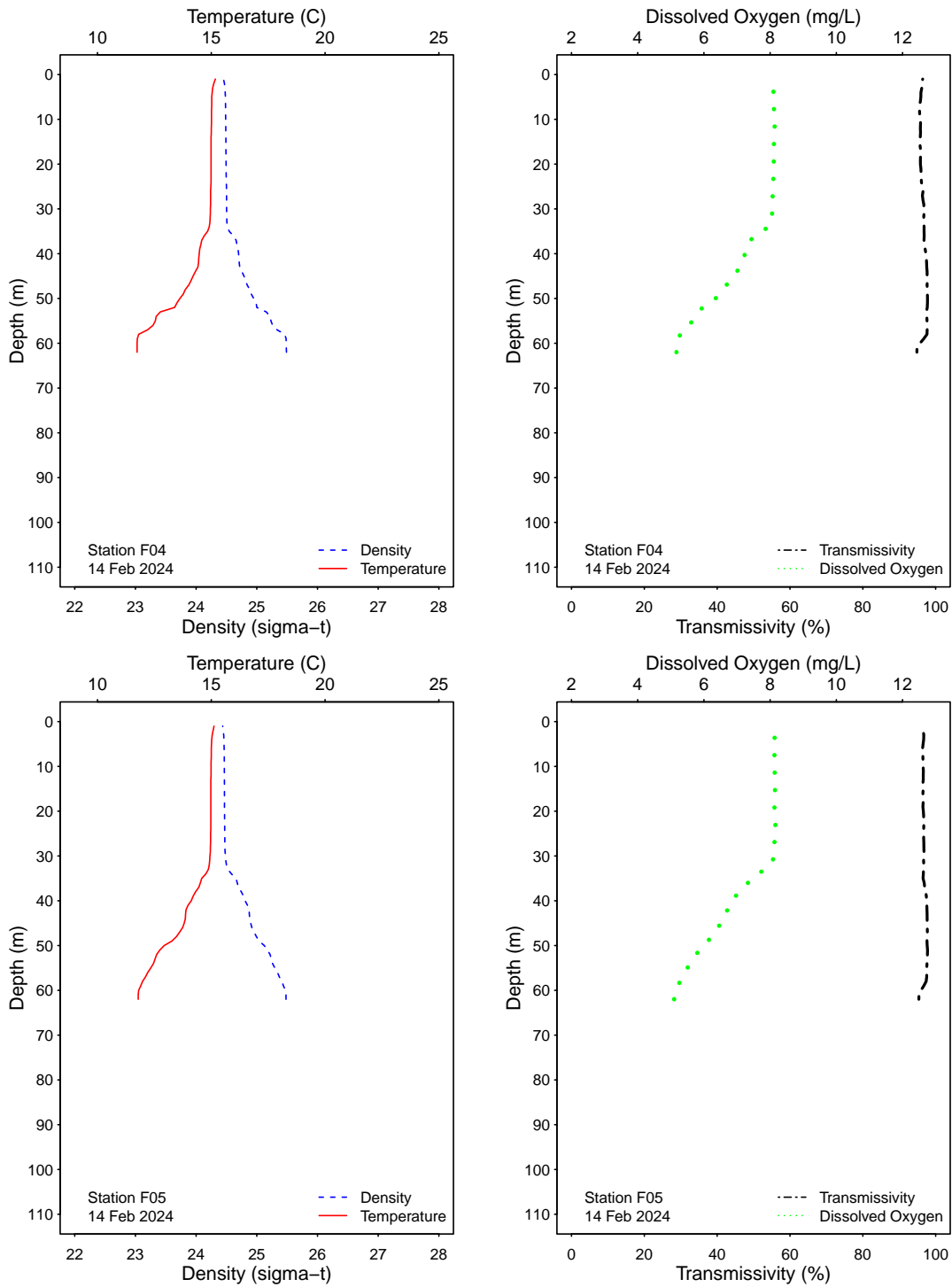


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

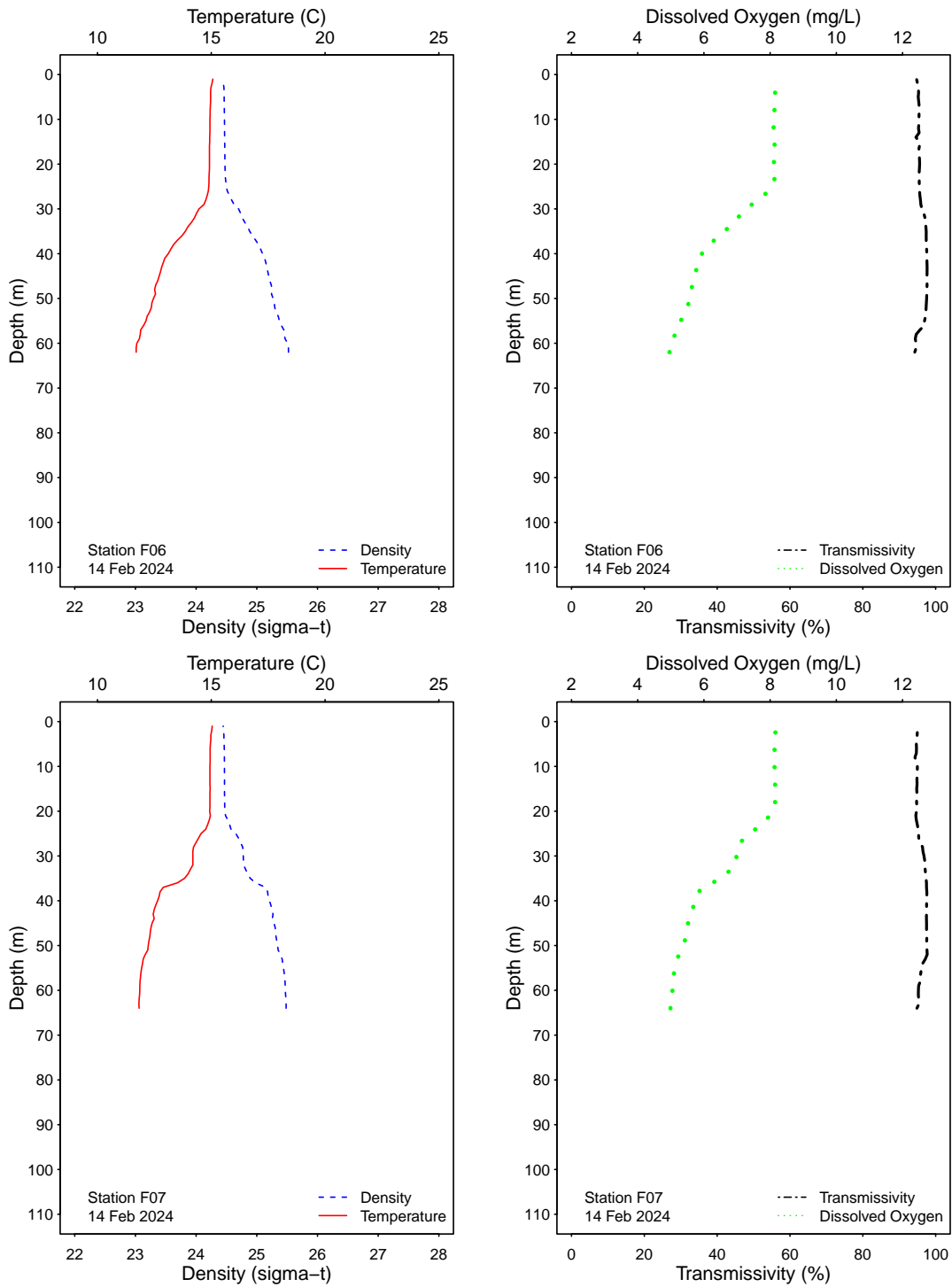


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

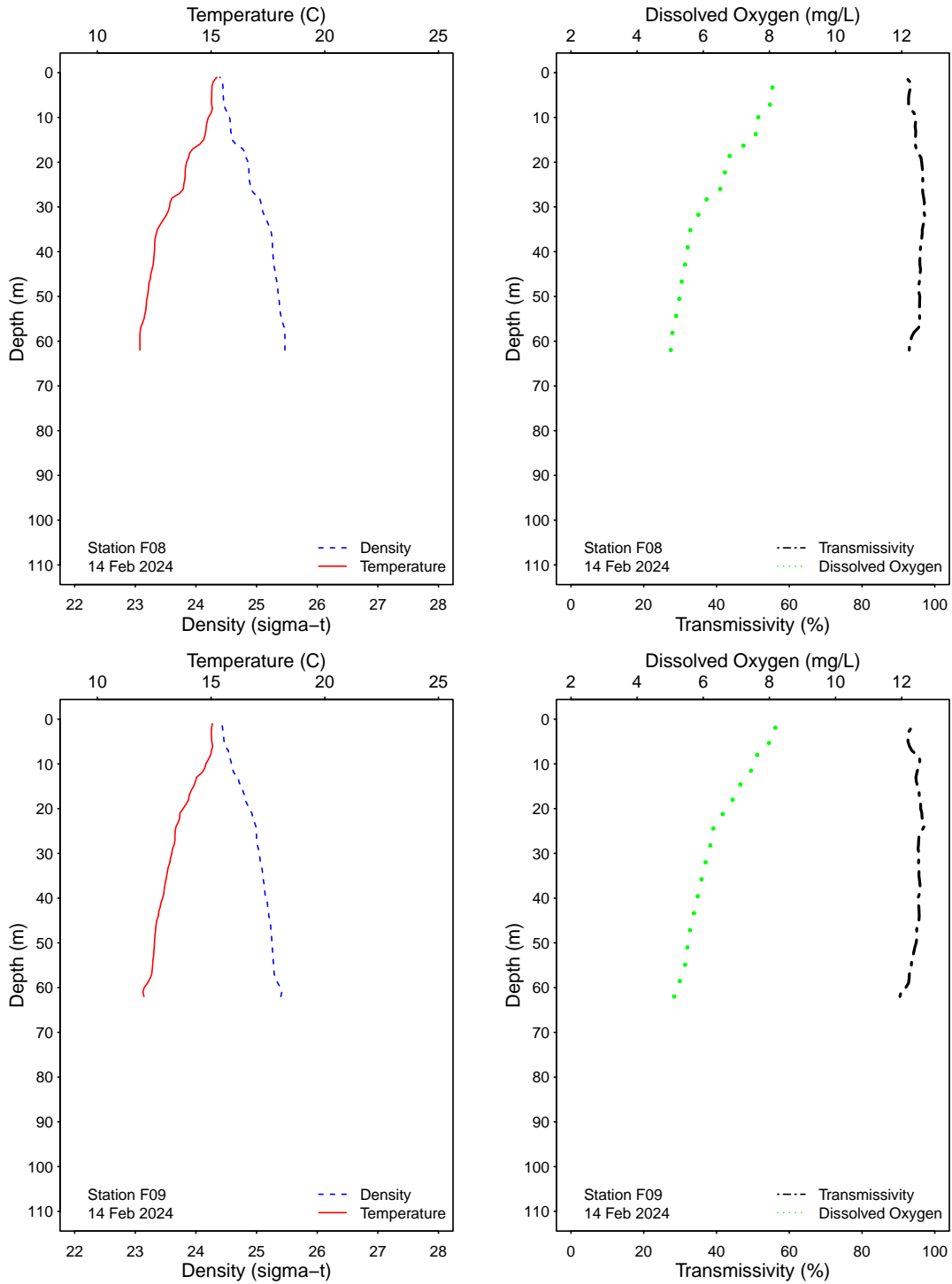


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

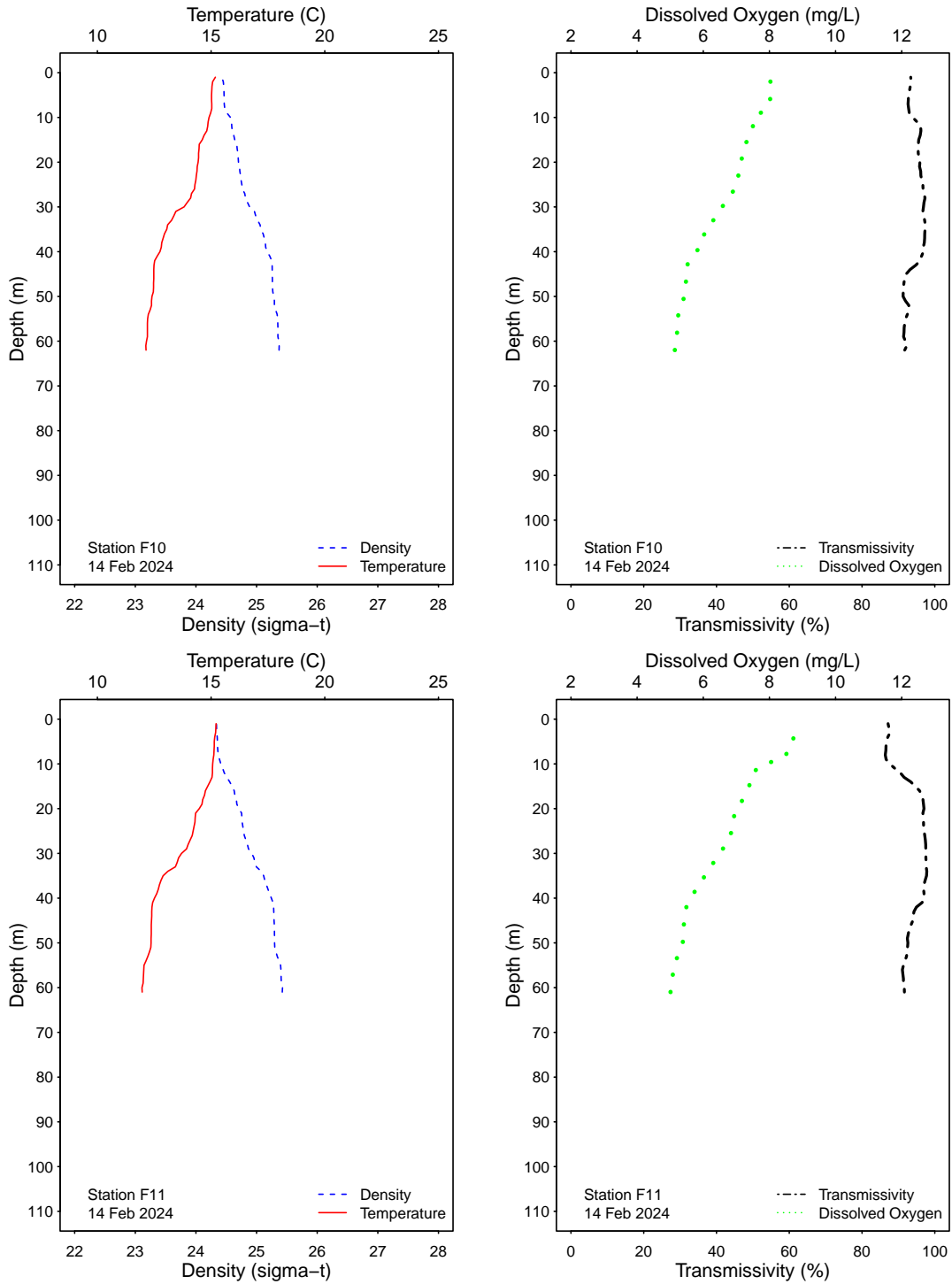


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

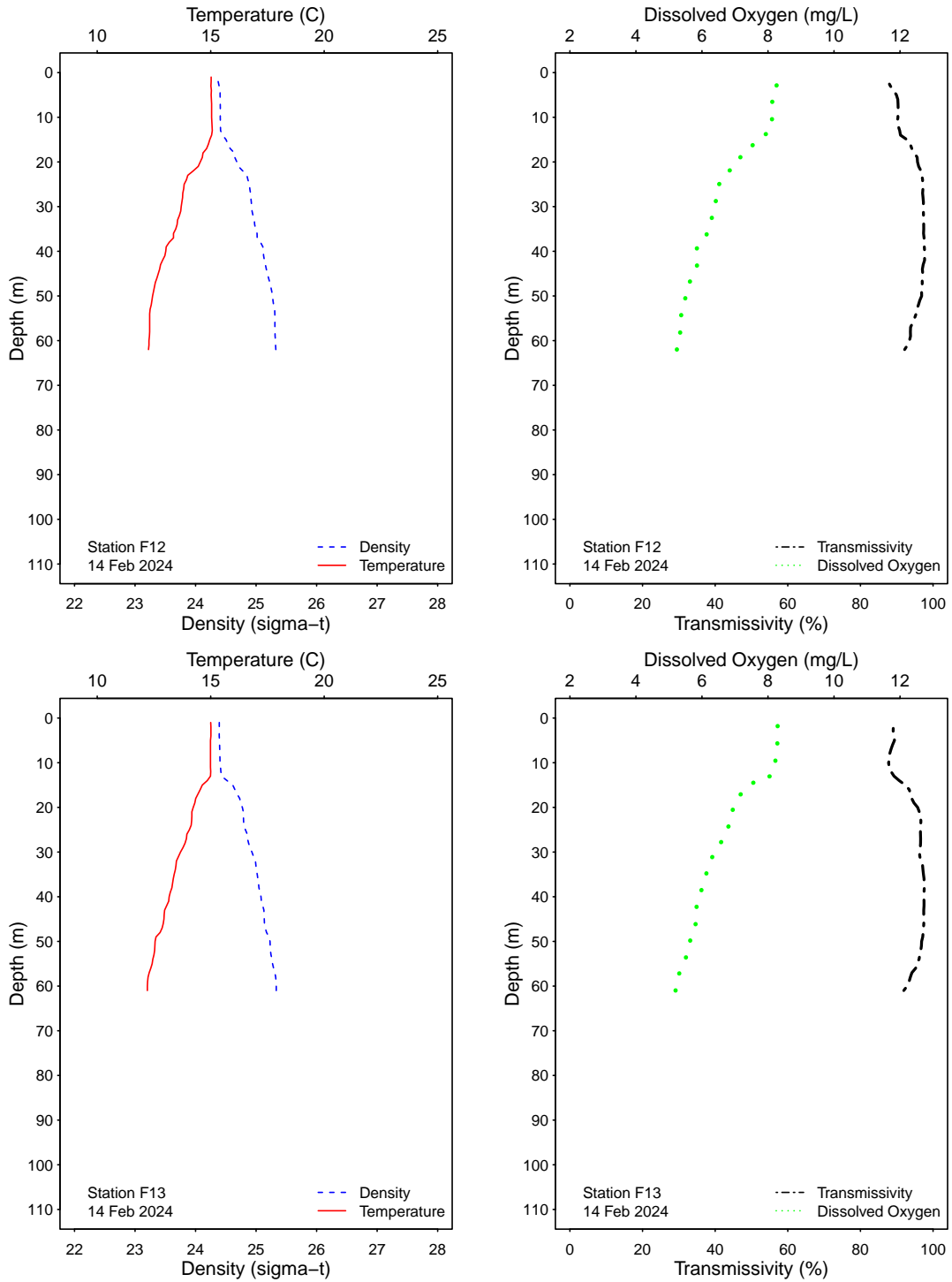


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.



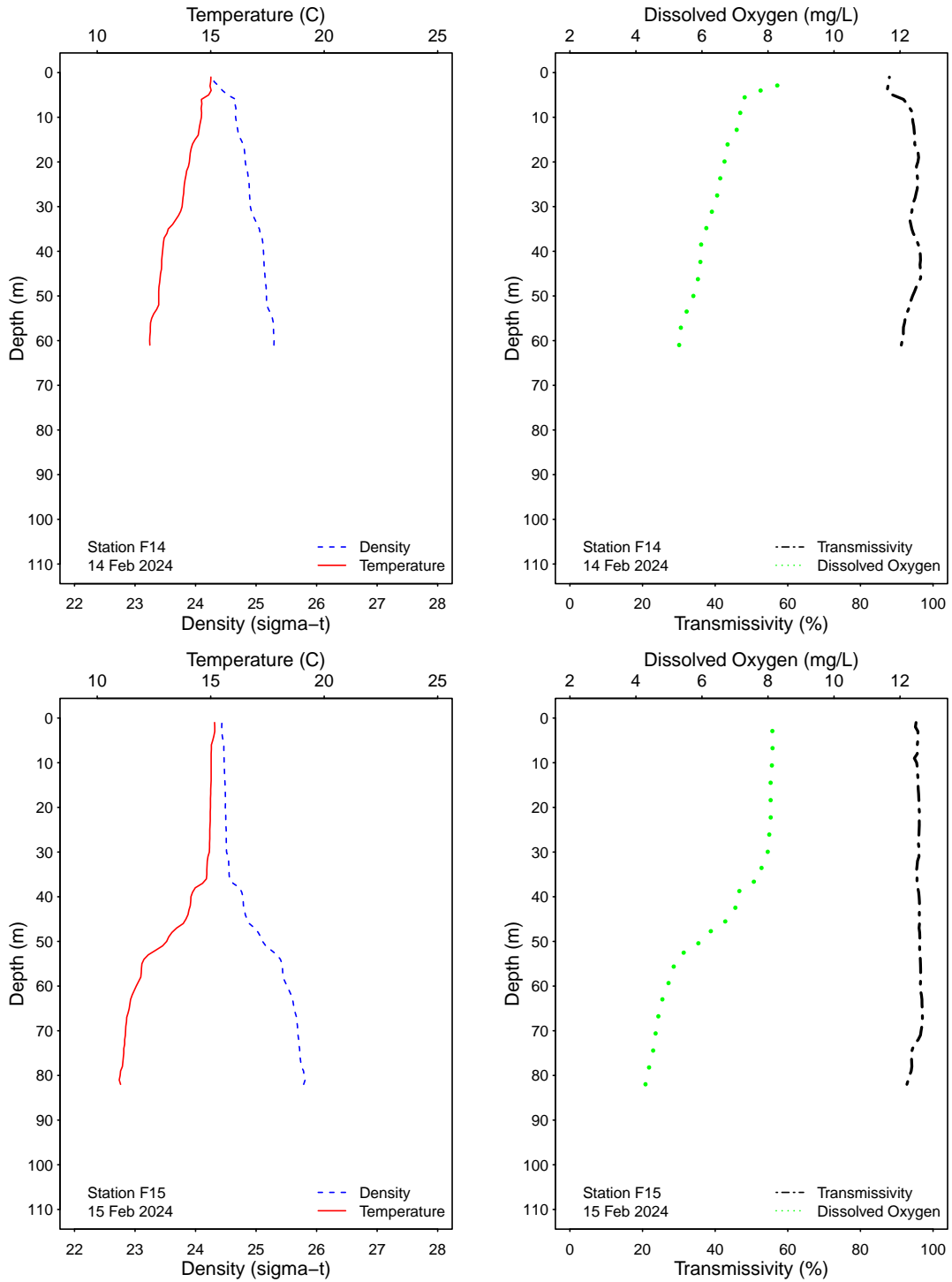


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

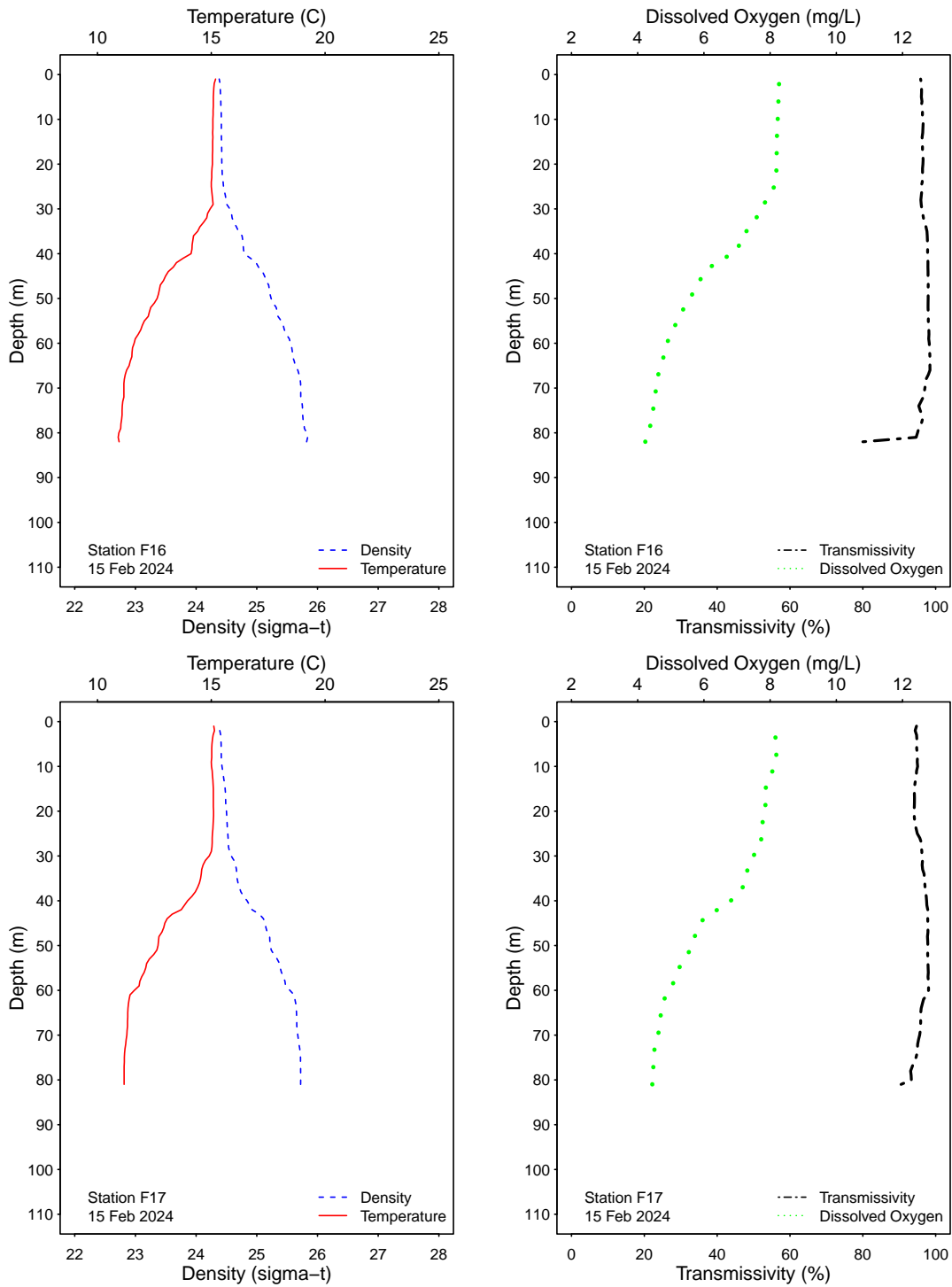


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

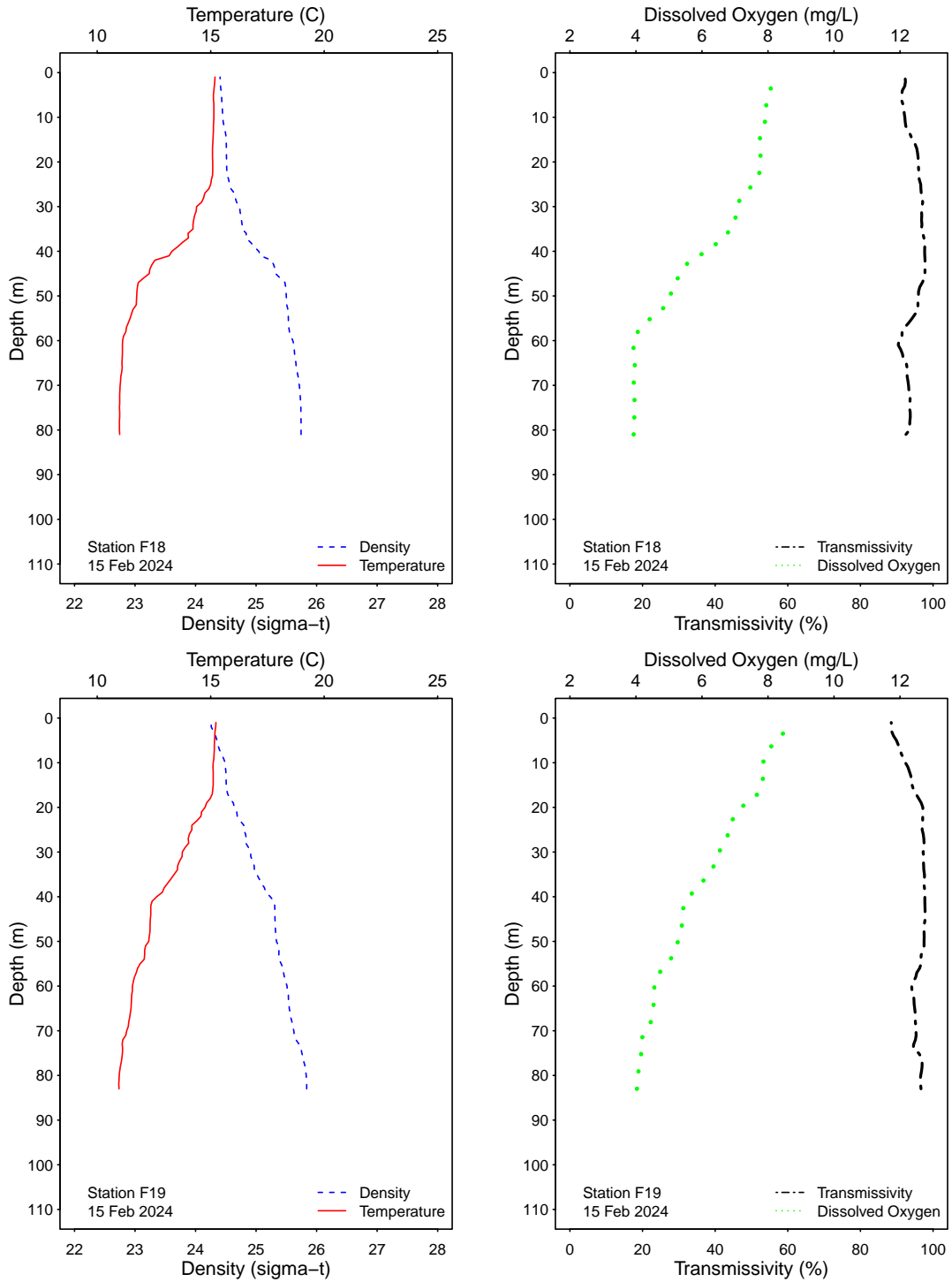


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

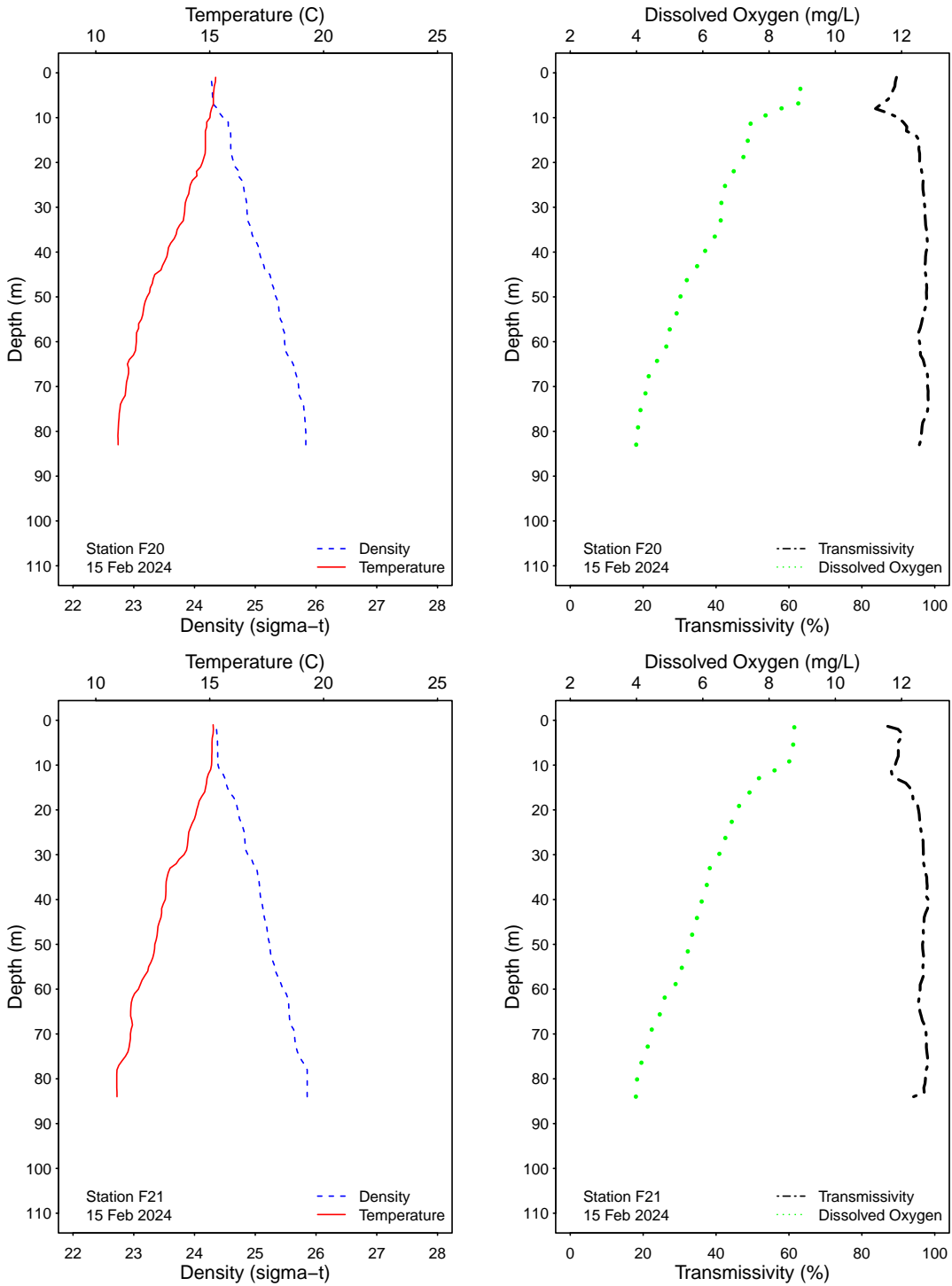


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

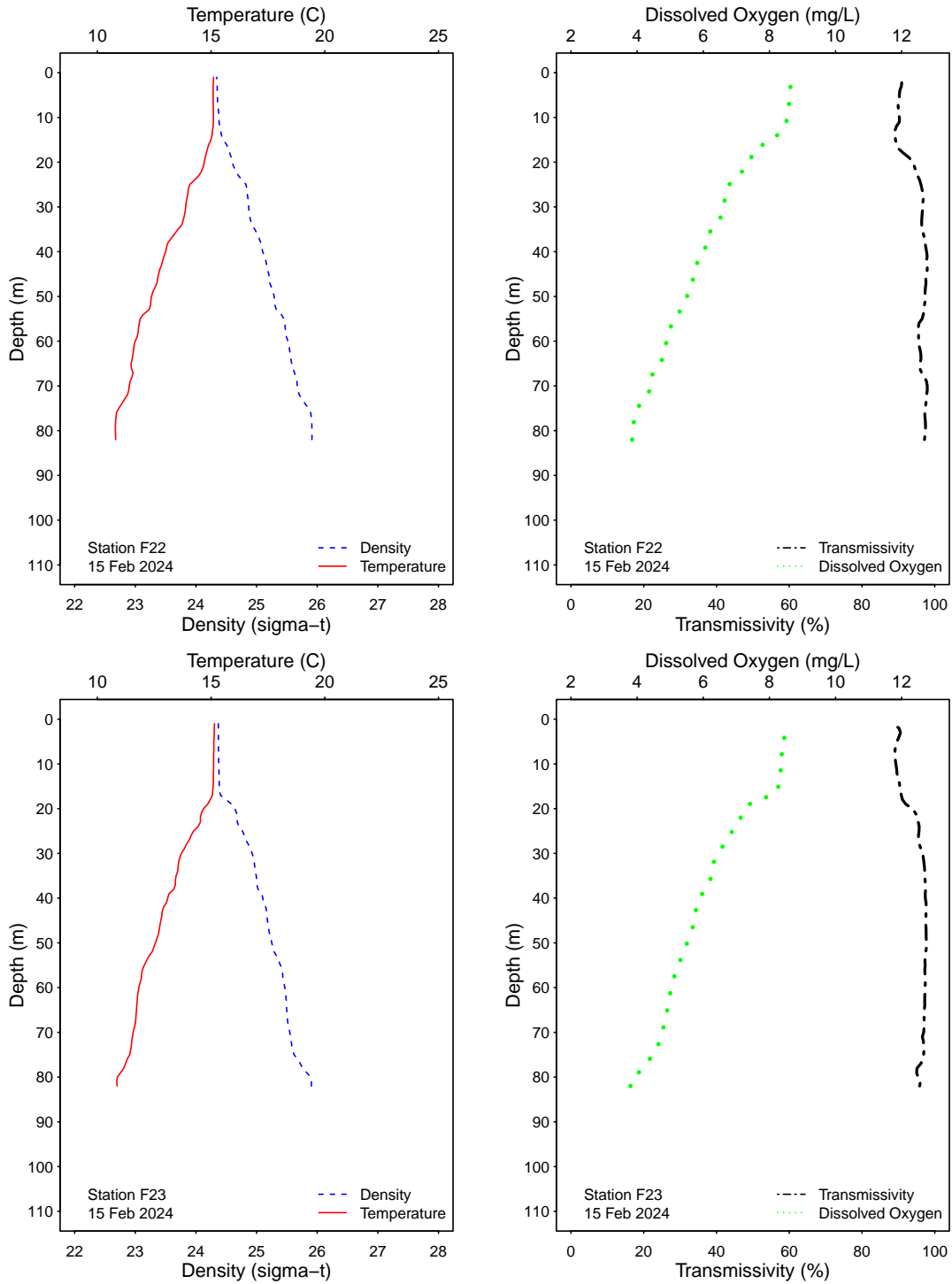


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

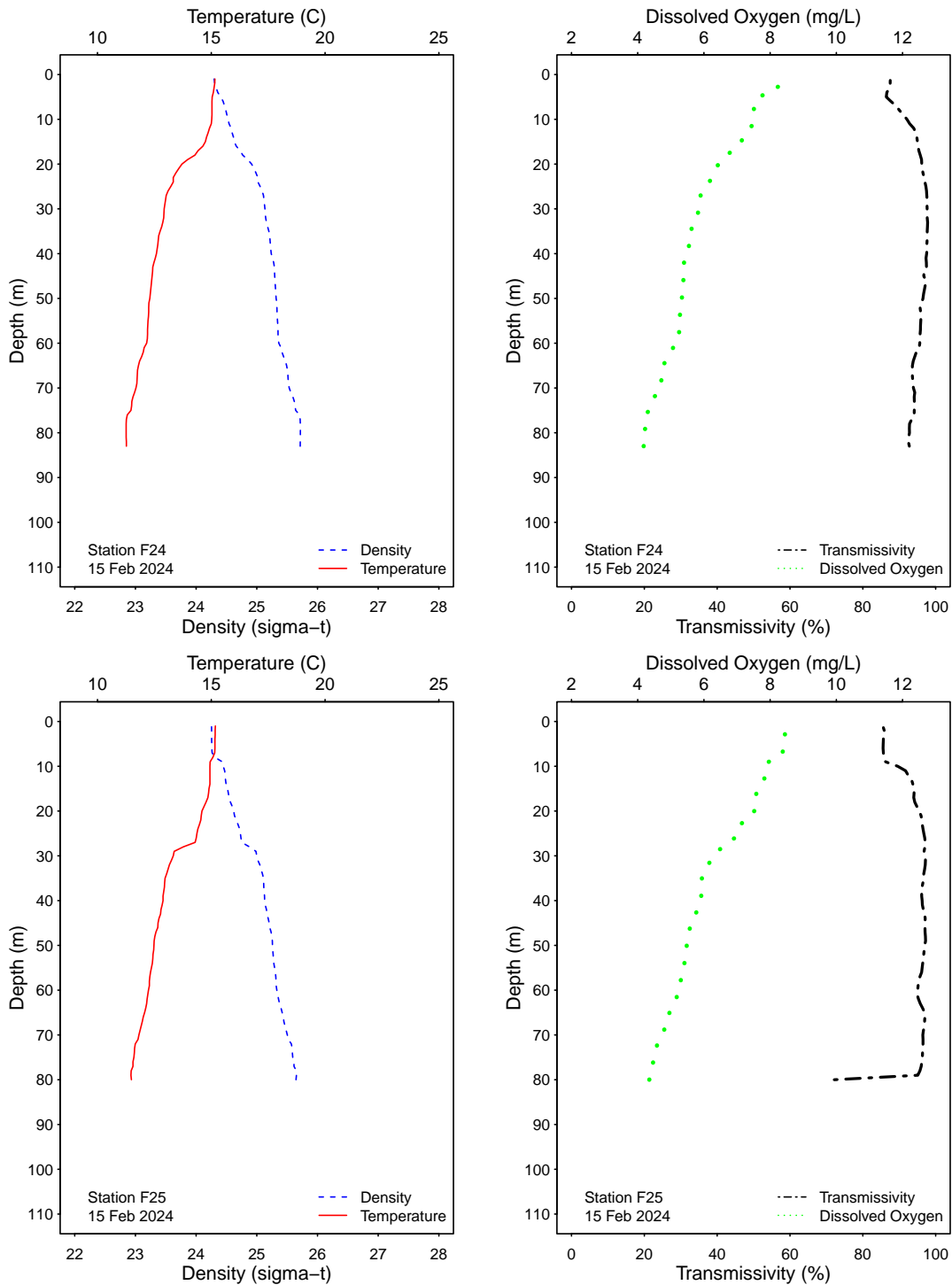


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

# 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	09 Feb 2024	18	BS,JF/KA	LAB DUPLICATE	46	2	2
A7	12 Feb 2024	18	KA,BS,JF/KA	LAB DUPLICATE	48	10	6
A7	21 Feb 2024	18	KA,JF,KT,ADG	LAB DUPLICATE	2	2	2
A7	27 Feb 2024	18	KA,KT,ADG,BS	LAB DUPLICATE	6	2	2
C7	09 Feb 2024	18	BS,JF/KA	LAB DUPLICATE	18	2	4
C7	12 Feb 2024	18	KA,BS,JF/KA	LAB DUPLICATE	110	22	12
C7	21 Feb 2024	18	KA,JF,KT,ADG	LAB DUPLICATE	4	2	2
C7	27 Feb 2024	18	KA,KT,ADG,BS	LAB DUPLICATE	2	2	2
C8	09 Feb 2024	12	BS,JF/KA	LAB DUPLICATE	6	2	2
C8	12 Feb 2024	12	KA,BS,JF/KA	LAB DUPLICATE	18	2	2
C8	21 Feb 2024	12	KA,JF,KT,ADG	LAB DUPLICATE	14	2	14
C8	27 Feb 2024	12	KA,KT,ADG,BS	LAB DUPLICATE	4	2	2
D12	06 Feb 2024		KT,JF/JF	LAB DUPLICATE	20	8	2
D12	14 Feb 2024		KA,JF/KT	LAB DUPLICATE	6	2	2
D12	21 Feb 2024		JF,KA/JF	LAB DUPLICATE	40	6	12
D12	28 Feb 2024		KA,KT/KA	LAB DUPLICATE	2	2	2
F01	14 Feb 2024	12	KA,JF,KT/JF	LAB DUPLICATE	ns	ns	2
F02	14 Feb 2024	12	KA,JF,KT/JF	LAB DUPLICATE	ns	ns	2
F07	14 Feb 2024	60	KA,JF,KT/JF	LAB DUPLICATE	ns	ns	20
F08	14 Feb 2024	60	KA,JF,KT/JF	LAB DUPLICATE	ns	ns	30
F11	14 Feb 2024	60	KA,JF,KT/JF	LAB DUPLICATE	ns	ns	28
F18	15 Feb 2024	60	JF,KA,KT/KA	LAB DUPLICATE	ns	ns	600
F19	15 Feb 2024	60	JF,KA,KT/KA	LAB DUPLICATE	ns	ns	460
F20	15 Feb 2024	60	JF,KA,KT/KA	LAB DUPLICATE	ns	ns	140

ns = not sampled

ND = no data

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# APPENDIX B

## Quality Assurance



# 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 2024	2	7	3	8	8	24	<b>40</b>	8
02 Feb 2024	2	7	3	8	8	24	<b>40</b>	8
03 Feb 2024	2	7	3	8	8	24	<b>40</b>	8
04 Feb 2024	2	7	3	8	8	24	<b>40</b>	8
05 Feb 2024	2	7	3	8	8	24	<b>40</b>	8
06 Feb 2024	3	8	4	12	8	28	<b>53</b>	6
07 Feb 2024	3	5	5	10	6	28	<b>62</b>	6
08 Feb 2024	3	5	5	10	6	28	<b>62</b>	6
09 Feb 2024	3	5	5	10	6	28	<b>62</b>	6
10 Feb 2024	3	5	5	10	6	28	<b>62</b>	6
11 Feb 2024	3	5	5	10	6	28	<b>62</b>	6
12 Feb 2024	3	5	5	10	6	28	<b>62</b>	6
13 Feb 2024	3	5	5	10	6	28	<b>62</b>	6
14 Feb 2024	3	5	5	10	6	<b>33</b>	<b>81</b>	6
15 Feb 2024	3	5	5	10	6	<b>33</b>	<b>81</b>	6
16 Feb 2024	3	5	5	10	6	<b>33</b>	<b>81</b>	6
17 Feb 2024	3	5	5	10	6	<b>33</b>	<b>81</b>	6
18 Feb 2024	3	5	5	10	6	<b>33</b>	<b>81</b>	6
19 Feb 2024	3	5	5	10	6	<b>33</b>	<b>81</b>	6
20 Feb 2024	3	5	5	10	6	<b>33</b>	<b>81</b>	6
21 Feb 2024	3	7	8	16	11	<b>34</b>	<b>90</b>	6
22 Feb 2024	3	7	8	16	11	<b>34</b>	<b>90</b>	6
23 Feb 2024	3	7	8	16	11	<b>34</b>	<b>90</b>	6
24 Feb 2024	3	7	8	16	11	<b>34</b>	<b>90</b>	6
25 Feb 2024	3	7	8	16	11	<b>34</b>	<b>90</b>	6
26 Feb 2024	3	7	8	16	11	<b>34</b>	<b>90</b>	6
27 Feb 2024	3	7	8	16	11	<b>34</b>	<b>90</b>	6
28 Feb 2024	3	7	7	16	11	30	<b>65</b>	6
29 Feb 2024	3	7	7	16	11	30	<b>65</b>	6

\* Geometric mean calculated using n<5

## 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	IC	IC	IC	IC	IC	E	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 2024	8	20	2	20	20	20	60	10
02 Feb 2024	*7	*50	*2	*30	*22	*30	*70	*9
03 Feb 2024	*7	*50	*2	*30	*22	*30	*70	*9
04 Feb 2024	*7	*50	*2	*30	*22	*30	*70	*9
05 Feb 2024	*7	*50	*2	*30	*22	*30	*70	*9
06 Feb 2024	8	<b>80</b>	2	40	24	40	<b>80</b>	10
07 Feb 2024	8	<b>80</b>	2	40	24	40	<b>80</b>	10
08 Feb 2024	8	<b>80</b>	2	40	24	40	<b>80</b>	10
09 Feb 2024	*53	<b>*90</b>	*11	<b>*290</b>	*40	<b>*110</b>	<b>*640</b>	*14
10 Feb 2024	*53	<b>*90</b>	*11	<b>*290</b>	*40	<b>*110</b>	<b>*640</b>	*14
11 Feb 2024	*53	<b>*90</b>	*11	<b>*290</b>	*40	<b>*110</b>	<b>*640</b>	*14
12 Feb 2024	*53	<b>*90</b>	*11	<b>*290</b>	*40	<b>*110</b>	<b>*640</b>	*14
13 Feb 2024	*53	<b>*90</b>	*11	<b>*290</b>	*40	<b>*110</b>	<b>*640</b>	*14
14 Feb 2024	6	20	2	20	20	<b>160</b>	<b>240</b>	8
15 Feb 2024	6	20	2	20	20	<b>160</b>	<b>240</b>	8
16 Feb 2024	*53	<b>*90</b>	*11	<b>*290</b>	*40	<b>*170</b>	<b>*720</b>	*14
17 Feb 2024	*53	<b>*90</b>	*11	<b>*290</b>	*40	<b>*170</b>	<b>*720</b>	*14
18 Feb 2024	*53	<b>*90</b>	*11	<b>*290</b>	*40	<b>*170</b>	<b>*720</b>	*14
19 Feb 2024	*53	<b>*90</b>	*11	<b>*290</b>	*40	<b>*170</b>	<b>*720</b>	*14
20 Feb 2024	*53	<b>*90</b>	*11	<b>*290</b>	*40	<b>*170</b>	<b>*720</b>	*14
21 Feb 2024	20	<b>160</b>	20	<b>200</b>	60	<b>180</b>	<b>240</b>	20
22 Feb 2024	20	<b>160</b>	20	<b>200</b>	60	<b>180</b>	<b>240</b>	20
23 Feb 2024	*13	<b>*90</b>	*11	<b>*110</b>	*40	<b>*170</b>	<b>*180</b>	*14
24 Feb 2024	*13	<b>*90</b>	*11	<b>*110</b>	*40	<b>*170</b>	<b>*180</b>	*14
25 Feb 2024	*13	<b>*90</b>	*11	<b>*110</b>	*40	<b>*170</b>	<b>*180</b>	*14
26 Feb 2024	*13	<b>*90</b>	*11	<b>*110</b>	*40	<b>*170</b>	<b>*180</b>	*14
27 Feb 2024	*13	<b>*90</b>	*11	<b>*110</b>	*40	<b>*170</b>	<b>*180</b>	*14
28 Feb 2024	20	20	2	20	20	<b>160</b>	<b>120</b>	8
29 Feb 2024	20	20	2	20	20	<b>160</b>	<b>120</b>	8

\* 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	E	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 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	A1	A6	A7	C4	C5	C6	C7	C8
01 Feb 2024	4	5	3	2	3	3	3	4
02 Feb 2024	4	5	3	2	3	3	3	4
03 Feb 2024	4	5	3	2	3	3	3	4
04 Feb 2024	4	5	3	2	3	3	3	4
05 Feb 2024	4	5	3	2	3	3	3	4
06 Feb 2024	4	4	3	3	3	3	3	5
07 Feb 2024	4	4	3	3	3	3	3	5
08 Feb 2024	4	4	3	3	3	3	3	5
09 Feb 2024	5	5	4	3	3	4	4	6
10 Feb 2024	5	5	4	3	3	4	4	6
11 Feb 2024	5	5	4	3	3	4	4	6
12 Feb 2024	4	5	4	2	3	4	4	5
13 Feb 2024	5	6	4	3	3	4	4	6
14 Feb 2024	5	6	4	3	3	4	4	6
15 Feb 2024	5	6	4	3	3	4	4	6
16 Feb 2024	5	6	4	3	3	4	4	6
17 Feb 2024	5	6	4	3	3	4	4	6
18 Feb 2024	5	6	4	3	3	4	4	6
19 Feb 2024	5	6	4	3	3	4	4	6
20 Feb 2024	5	6	3	3	3	3	3	5
21 Feb 2024	4	5	3	3	3	3	3	5
22 Feb 2024	4	5	3	3	3	3	3	5
23 Feb 2024	4	5	3	3	3	3	3	5
24 Feb 2024	4	5	3	3	3	3	3	5
25 Feb 2024	4	5	3	3	3	3	3	5
26 Feb 2024	4	5	3	3	3	3	3	5
27 Feb 2024	4	4	3	2	3	3	3	5
28 Feb 2024	4	5	3	3	3	3	3	5
29 Feb 2024	4	5	3	3	3	3	3	5

\* Geometric mean calculated using n<5

## Table B.6

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	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<sup>™</sup> 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 over the previous 30 days unless otherwise noted (\*). Values >70 CFU/100 mL exceed the standard.

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 2024	*22	*20	*56	*5	*7	*31	*21	*46	*51	*2	*3	*3	*5	*4	*29	*37	*37	*16	*2	*8	*22	*2	*12	*62
02 Feb 2024	*22	*20	*56	*5	*7	*31	*21	*46	*51	*2	*3	*3	*5	*4	*29	*37	*37	*16	*2	*8	*22	*2	*12	*62
03 Feb 2024	*22	*20	*56	*5	*7	*31	*21	*46	*51	*2	*3	*3	*5	*4	*29	*37	*37	*16	*2	*8	*22	*2	*12	*62
04 Feb 2024	*22	*20	*56	*5	*7	*31	*21	*46	*51	*2	*3	*3	*5	*4	*29	*37	*37	*16	*2	*8	*22	*2	*12	*62
05 Feb 2024	*22	*20	*56	*5	*7	*31	*21	*46	*51	*2	*3	*3	*5	*4	*29	*37	*37	*16	*2	*8	*22	*2	*12	*62
06 Feb 2024	*22	*20	*56	*5	*7	*31	*21	*46	*51	*2	*3	*3	*5	*4	*29	*37	*37	*16	*2	*8	*22	*2	*12	*62
07 Feb 2024	*22	*20	*56	*5	*7	*31	*21	*46	*51	*2	*3	*3	*5	*4	*29	*37	*37	*16	*2	*8	*22	*2	*12	*62
08 Feb 2024	*2	*2	*20	*2	*4	*2	*2	*20	*2	*2	*2	*4	*2	*2	*20	*20	*2	*2	*2	*2	*4	*2	*4	*4
09 Feb 2024	*66	*51	*19	*18	*14	*21	*39	*30	*12	*10	*11	*10	*38	*28	*29	*43	*31	*12	*22	*3	*11	*26	*4	*42
10 Feb 2024	*66	*51	*19	*18	*14	*21	*39	*30	*12	*10	*11	*10	*38	*28	*29	*43	*31	*12	*22	*3	*11	*26	*4	*42
11 Feb 2024	*66	*51	*19	*18	*14	*21	*39	*30	*12	*10	*11	*10	*38	*28	*29	*43	*31	*12	*22	*3	*11	*26	*4	*42
12 Feb 2024	4	2	18	2	24	40	2	24	22	2	2	2	2	2	20	20	2	2	2	4	18	2	4	8
13 Feb 2024	4	2	18	2	24	40	2	24	22	2	2	2	2	2	20	20	2	2	2	4	18	2	4	8
14 Feb 2024	4	2	18	2	24	40	2	24	22	2	2	2	2	2	20	20	2	2	2	4	18	2	4	8
15 Feb 2024	4	2	18	2	24	40	2	24	22	2	2	2	2	2	20	20	2	2	2	4	18	2	4	8
16 Feb 2024	*67	*51	*17	*18	*35	*50	*39	*32	*45	*10	*11	*9	*38	*28	*29	*43	*31	*12	*22	*5	*29	*26	*9	*44
17 Feb 2024	*67	*51	*17	*18	*35	*50	*39	*32	*45	*10	*11	*9	*38	*28	*29	*43	*31	*12	*22	*5	*29	*26	*9	*44
18 Feb 2024	*67	*51	*17	*18	*35	*50	*39	*32	*45	*10	*11	*9	*38	*28	*29	*43	*31	*12	*22	*5	*29	*26	*9	*44
19 Feb 2024	*67	*51	*17	*18	*35	*50	*39	*32	*45	*10	*11	*9	*38	*28	*29	*43	*31	*12	*22	*5	*29	*26	*9	*44
20 Feb 2024	*67	*51	*17	*18	*35	*50	*39	*32	*45	*10	*11	*9	*38	*28	*29	*43	*31	*12	*22	*5	*29	*26	*9	*44
21 Feb 2024	4	2	16	2	24	40	2	24	22	2	2	2	2	2	20	20	6	8	2	4	18	2	12	8
22 Feb 2024	4	2	16	2	24	40	2	24	22	2	2	2	2	2	20	20	6	8	2	4	18	2	12	8
23 Feb 2024	*3	*2	*9	*2	*17	*25	*2	*22	*12	*2	*2	*7	*2	*11	*14	*13	*4	*5	*2	*4	*10	*2	*8	*6
24 Feb 2024	*3	*2	*9	*2	*17	*25	*2	*22	*12	*2	*2	*7	*2	*11	*14	*13	*4	*5	*2	*4	*10	*2	*8	*6
25 Feb 2024	*3	*2	*9	*2	*17	*25	*2	*22	*12	*2	*2	*7	*2	*11	*14	*13	*4	*5	*2	*4	*10	*2	*8	*6
26 Feb 2024	*3	*2	*9	*2	*17	*25	*2	*22	*12	*2	*2	*7	*2	*11	*14	*13	*4	*5	*2	*4	*10	*2	*8	*6
27 Feb 2024	2	2	16	2	10	10	2	24	14	2	2	2	2	2	8	6	2	2	2	4	6	2	4	4
28 Feb 2024	2	2	16	2	10	10	2	24	14	2	2	2	2	2	8	6	2	2	2	4	6	2	4	4
29 Feb 2024	*3	*2	*17	*2	*17	*25	*2	*24	*18	*2	*2	*7	*2	*11	*5	*4	*4	*5	*2	*4	*12	*2	*8	*6

\* Median calculated using n<5

**Table B.8**

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

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

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



# Offshore Stations



### Table B.9

Summary of compliance at the PLOO offshore 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	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	E	E	E

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

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