



# 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 2025

Environmental Monitoring and Technical Services  
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March 31, 2025

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 2025 Monthly Receiving Waters Monitoring Report for the Point Loma Ocean Outfall, Point Loma Wastewater Treatment Plant as required per Order No. R9-2017-0007, NPDES Permit No. CA0107409.

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

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

Sincerely,



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

PV/rk

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



## INTRODUCTION

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

## MATERIALS AND METHODS

### *Shore Stations*

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

- Station D8 was replaced by alternate station D8-A during July 2016, which was subsequently replaced by station D8-B in March 2018. Sampling at station D8-A resumed in December 2020, and was replaced by D8-B again in February 2020. Due to recent access issues at D8-B, sampling resumed at D8 during February 2025.

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 2025 Quality Assurance Report, which will be completed in March 2026.

## 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 5, 12, 19, and 26.
- Bacteriological data from the February 26 sample taken at station D8 are not available due to an error in the location of sample collection.
- During the February report period, each of the eight shore stations was in compliance with 2015 California Ocean Plan (Ocean Plan) water contact standards.
- A sewage-like odor was detected at station D5 on one or more days in February.
- Over the years, elevated bacteria levels at shore and kelp bed stations have tended to be associated with rainfall events, heavy recreational use, or the presence of seabirds or decaying kelp and surf grass. See the City of San Diego's most recent *Biennial Receiving Waters Monitoring and Assessment Report for the Point Loma and South Bay Ocean Outfalls* for details (<https://www.sandiego.gov/public-utilities/sustainability/ocean-monitoring/reports>).

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

- The eight kelp bed water quality stations (A1, A6, A7, C4, C5, C6, C7, C8) were sampled on February 3, 10, 19, 24.

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

- During the February report period, one of the eight kelp stations was out of compliance with 2015 California Ocean Plan (Ocean Plan) water contact standards on one or more days as follows:
  - The single sample maximum (SSM) standard for fecal:total ratio was exceeded at station A7.
- Water column temperatures ranged from 11.34 to 15.31°C. The difference between surface and bottom waters ranged from 0.01 to 3.07°C.
- Chlorophyll *a* concentrations ranged from 0.20 to 6.30 µg/L.
- 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 20, 21, and 22.
- During the February report period, three of the 15 offshore stations located within State jurisdictional waters (i.e., F01–F03, F06–F14, F18–F20) was out of compliance with the various 2015 Ocean Plan water contact standards on one or more days as follows.
  - The SSM standard for *Enterococcus* was exceeded at stations F10 and F20.
- Of the remaining 21 offshore stations, elevated densities of *Enterococcus* bacteria (i.e., >104 CFU/100 mL) were detected at stations F21, F22, F27, and F30 at depths ≥ 60 meters.
- Water column temperatures ranged from 10.01 to 15.28°C. The difference between surface and bottom waters ranged from 2.36 to 4.85°C.
- Chlorophyll *a* concentrations ranged from 0.04 to 6.20 µg/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



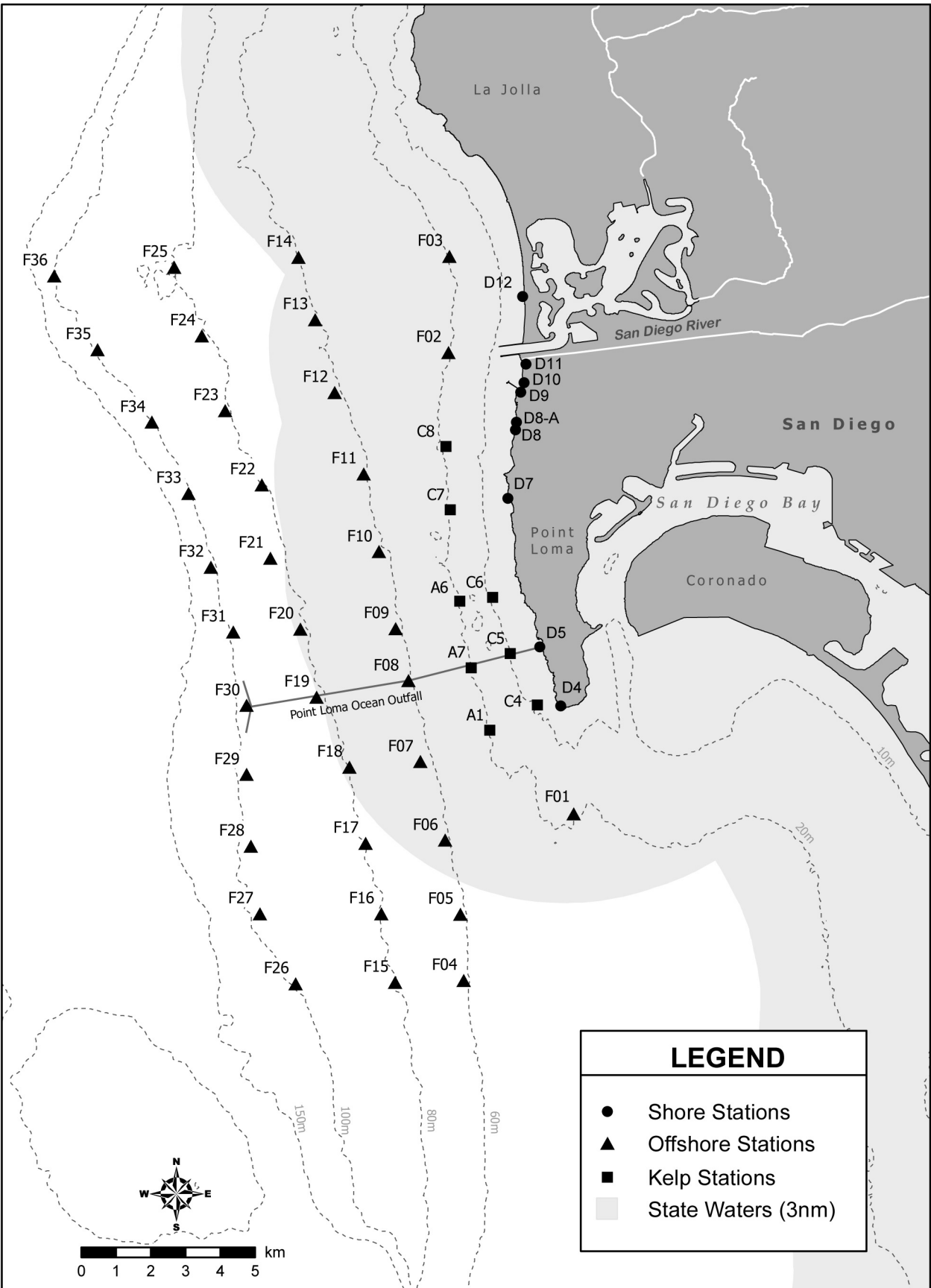


Figure 1.1 Station Map

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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 2025	*2	*2	*2	*4	*2	*5	*12	*7
02 Feb 2025	*2	*2	*2	*4	*2	*5	*12	*7
03 Feb 2025	*2	*2	*2	*4	*2	*5	*12	*7
04 Feb 2025	*2	*2	*2	*4	*2	*5	*12	*7
05 Feb 2025	2	2	2	4	2	4	14	6
06 Feb 2025	2	2	2	4	2	4	14	6
07 Feb 2025	*2	*2	*2	*3	*2	*5	*13	*7
08 Feb 2025	*2	*2	*2	*3	*2	*5	*13	*7
09 Feb 2025	*2	*2	*2	*3	*2	*5	*13	*7
10 Feb 2025	*2	*2	*2	*3	*2	*5	*13	*7
11 Feb 2025	*2	*2	*2	*3	*2	*5	*13	*7
12 Feb 2025	*2	*2	*2	*6	*2	*4	*9	*7
13 Feb 2025	*2	*2	*2	*6	*2	*4	*9	*7
14 Feb 2025	*2	*2	*2	*6	*2	*4	*9	*7
15 Feb 2025	*2	*2	*2	*6	*2	*4	*9	*7
16 Feb 2025	*2	*2	*2	*6	*2	*4	*9	*7
17 Feb 2025	*2	*2	*2	*6	*2	*4	*9	*7
18 Feb 2025	*2	*2	*2	*6	*2	*4	*9	*7
19 Feb 2025	2	2	2	5	2	6	11	5
20 Feb 2025	2	2	2	5	2	6	11	5
21 Feb 2025	*2	*2	*2	*6	*2	*7	*10	*4
22 Feb 2025	*2	*2	*2	*6	*2	*7	*10	*4
23 Feb 2025	*2	*2	*2	*6	*2	*7	*10	*4
24 Feb 2025	*2	*2	*2	*6	*2	*7	*10	*4
25 Feb 2025	*2	*2	*2	*6	*2	*7	*10	*4
26 Feb 2025	2	2	3	*6	3	9	10	5
27 Feb 2025	2	2	3	*6	3	9	10	5
28 Feb 2025	*2	*2	*4	*7	*3	*8	*12	*5

\* 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
05 Feb 2025	IC	IC	IC	IC	IC	IC	IC	IC
12 Feb 2025	IC	IC	IC	IC	IC	IC	IC	IC
19 Feb 2025	IC	IC	IC	IC	IC	IC	IC	IC
26 Feb 2025	IC	IC	IC	ns	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 2025	*2	*2	*3	*4	*2	*2	*9	*2
02 Feb 2025	*2	*2	*3	*4	*2	*2	*9	*2
03 Feb 2025	*2	*2	*3	*4	*2	*2	*9	*2
04 Feb 2025	*2	*2	*3	*4	*2	*2	*9	*2
05 Feb 2025	2	2	3	3	3	3	11	2
06 Feb 2025	2	2	3	3	3	3	11	2
07 Feb 2025	*2	*2	*3	*3	*4	*3	*10	*2
08 Feb 2025	*2	*2	*3	*3	*4	*3	*10	*2
09 Feb 2025	*2	*2	*3	*3	*4	*3	*10	*2
10 Feb 2025	*2	*2	*3	*3	*4	*3	*10	*2
11 Feb 2025	*2	*2	*3	*3	*4	*3	*10	*2
12 Feb 2025	*2	*2	*3	*4	*4	*8	*8	*3
13 Feb 2025	*2	*2	*3	*4	*4	*8	*8	*3
14 Feb 2025	*2	*2	*3	*4	*4	*8	*8	*3
15 Feb 2025	*2	*2	*3	*4	*4	*8	*8	*3
16 Feb 2025	*2	*2	*3	*4	*4	*8	*8	*3
17 Feb 2025	*2	*2	*3	*4	*4	*8	*8	*3
18 Feb 2025	*2	*2	*3	*4	*4	*8	*8	*3
19 Feb 2025	2	2	3	4	3	6	9	4
20 Feb 2025	2	2	3	4	3	6	9	4
21 Feb 2025	*2	*2	*3	*4	*4	*8	*14	*5
22 Feb 2025	*2	*2	*3	*4	*4	*8	*14	*5
23 Feb 2025	*2	*2	*3	*4	*4	*8	*14	*5
24 Feb 2025	*2	*2	*3	*4	*4	*8	*14	*5
25 Feb 2025	*2	*2	*3	*4	*4	*8	*14	*5
26 Feb 2025	2	2	5	*4	5	13	15	8
27 Feb 2025	2	2	5	*4	5	13	15	8
28 Feb 2025	*2	*2	*4	*4	*6	*20	*18	*11

\* 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.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
05 Feb 2025	IC	IC	IC	IC	IC	IC	IC	IC
12 Feb 2025	IC	IC	IC	IC	IC	IC	IC	IC
19 Feb 2025	IC	IC	IC	IC	IC	IC	IC	IC
26 Feb 2025	IC	IC	IC	ns	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 2025	*2	*6	*2	*16	*5	*13	*30	*6
02 Feb 2025	*2	*6	*2	*16	*5	*13	*30	*6
03 Feb 2025	*2	*6	*2	*16	*5	*13	*30	*6
04 Feb 2025	*2	*6	*2	*16	*5	*13	*30	*6
05 Feb 2025	2	5	2	17	5	9	34	5
06 Feb 2025	2	5	2	17	5	9	34	5
07 Feb 2025	*2	*4	*2	*13	*3	*8	*39	*6
08 Feb 2025	*2	*4	*2	*13	*3	*8	*39	*6
09 Feb 2025	*2	*4	*2	*13	*3	*8	*39	*6
10 Feb 2025	*2	*4	*2	*13	*3	*8	*39	*6
11 Feb 2025	*2	*4	*2	*13	*3	*8	*39	*6
12 Feb 2025	*2	*4	*2	*15	*4	*11	*39	*6
13 Feb 2025	*2	*4	*2	*15	*4	*11	*39	*6
14 Feb 2025	*2	*4	*2	*15	*4	*11	*39	*6
15 Feb 2025	*2	*4	*2	*15	*4	*11	*39	*6
16 Feb 2025	*2	*4	*2	*15	*4	*11	*39	*6
17 Feb 2025	*2	*4	*2	*15	*4	*11	*39	*6
18 Feb 2025	*2	*4	*2	*15	*4	*11	*39	*6
19 Feb 2025	2	3	2	16	6	20	55	7
20 Feb 2025	2	3	2	16	6	20	55	7
21 Feb 2025	*2	*4	*2	*26	*8	*27	*61	*10
22 Feb 2025	*2	*4	*2	*26	*8	*27	*61	*10
23 Feb 2025	*2	*4	*2	*26	*8	*27	*61	*10
24 Feb 2025	*2	*4	*2	*26	*8	*27	*61	*10
25 Feb 2025	*2	*4	*2	*26	*8	*27	*61	*10
26 Feb 2025	2	5	4	*26	9	29	49	12
27 Feb 2025	2	5	4	*26	9	29	49	12
28 Feb 2025	*2	*6	*4	*36	*13	*28	*47	*11

\* 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 10,000 CFU/100 mL.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
05 Feb 2025	IC	IC	IC	IC	IC	IC	IC	IC
12 Feb 2025	IC	IC	IC	IC	IC	IC	IC	IC
19 Feb 2025	IC	IC	IC	IC	IC	IC	IC	IC
26 Feb 2025	IC	IC	IC	ns	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
05 Feb 2025	IC	IC	IC	IC	IC	IC	IC	IC
12 Feb 2025	IC	IC	IC	IC	IC	IC	IC	IC
19 Feb 2025	IC	IC	IC	IC	IC	IC	IC	IC
26 Feb 2025	IC	IC	IC	ns	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	05 Feb 2025	841	2e	<2	10e
D10	12 Feb 2025	924	40e	4e	88
D10	19 Feb 2025	931	<200	<20	<2
D10	26 Feb 2025	928	40e	22e	100
D11	05 Feb 2025	831	60e	24e	24e
D11	12 Feb 2025	910	<20	4e	12e
D11	19 Feb 2025	916	200e	26e	16e
D11	26 Feb 2025	914	20e	8e	22e
D12	05 Feb 2025	812	<2	<2	2e
D12	12 Feb 2025	851	<20	12e	14e
D12	19 Feb 2025	857	<20	2e	8e
D12	26 Feb 2025	852	<20	14e	64
D4	05 Feb 2025	940	<2	2e	<2
D4	12 Feb 2025	1044	2e	<2	<2
D4	19 Feb 2025	1123	<2	<2	<2
D4	26 Feb 2025	1056	<2	<2	2e
D5	05 Feb 2025	953	2e	<2	<2
D5	12 Feb 2025	1029	<20	<2	<2
D5	19 Feb 2025	1103	<2	<2	2e
D5	26 Feb 2025	1044	<20	<2	4e
D7	05 Feb 2025	915	<2	<2	2e
D7	12 Feb 2025	1001	<2	4e	<2
D7	19 Feb 2025	1038	<2	2e	<2
D7	26 Feb 2025	1013	40e	10e	40
D8-B	05 Feb 2025	903	<20	2e	<2
D8-B	12 Feb 2025	947	120e	78	14e
D8-B	19 Feb 2025	1014	<20	<2	<2
D9	05 Feb 2025	850	4e	2e	24e
D9	12 Feb 2025	936	20e	<2	2e
D9	19 Feb 2025	951	<20	4e	<2
D9	26 Feb 2025	941	20e	4e	16e

ns = not sampled

ND = no data

### Comments

<b>date</b>	<b>station</b>	<b>depth</b>	<b>parmcode</b>	<b>comments</b>
26-Feb-2025	D8			Sample was not collected due to station location error

**Table 2.9**

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

Station	Date	Parameter	Value
D4	05 Feb 2025	Arrive Time	940
D4	05 Feb 2025	Wind Speed (kts)	2.5
D4	05 Feb 2025	Wind Dir	S
D4	05 Feb 2025	Animal Life	
D4	05 Feb 2025	Floatables	
D4	05 Feb 2025	Current Direction	S
D4	05 Feb 2025	Water Temp (C)	13.1
D4	05 Feb 2025	High Tide Time	
D4	05 Feb 2025	Low Tide Time	
D4	05 Feb 2025	Comments	Water clear; Trash-1; Seagrass;Algae;Kelp
D4	12 Feb 2025	Arrive Time	1044
D4	12 Feb 2025	Wind Speed (kts)	4.2
D4	12 Feb 2025	Wind Dir	S
D4	12 Feb 2025	Animal Life	
D4	12 Feb 2025	Floatables	
D4	12 Feb 2025	Current Direction	S
D4	12 Feb 2025	Water Temp (C)	13.6
D4	12 Feb 2025	High Tide Time	
D4	12 Feb 2025	Low Tide Time	
D4	12 Feb 2025	Comments	Water clear; Trash-5; Seagrass;Kelp;Debris;Algae
D4	19 Feb 2025	Arrive Time	1123
D4	19 Feb 2025	Wind Speed (kts)	5.7
D4	19 Feb 2025	Wind Dir	W
D4	19 Feb 2025	Animal Life	
D4	19 Feb 2025	Floatables	
D4	19 Feb 2025	Current Direction	S
D4	19 Feb 2025	Water Temp (C)	15.9
D4	19 Feb 2025	High Tide Time	
D4	19 Feb 2025	Low Tide Time	
D4	19 Feb 2025	Comments	Water clear; Trash-2; Seagrass;Kelp;Algae
D4	26 Feb 2025	Arrive Time	1056
D4	26 Feb 2025	Wind Speed (kts)	1.5
D4	26 Feb 2025	Wind Dir	SW
D4	26 Feb 2025	Animal Life	
D4	26 Feb 2025	Floatables	
D4	26 Feb 2025	Current Direction	S
D4	26 Feb 2025	Water Temp (C)	14.6
D4	26 Feb 2025	High Tide Time	
D4	26 Feb 2025	Low Tide Time	
D4	26 Feb 2025	Comments	Water clear; Surfer/Paddle boarder-6; Trash-3; Algae;Debris
D5	05 Feb 2025	Arrive Time	953
D5	05 Feb 2025	Wind Speed (kts)	2.3
D5	05 Feb 2025	Wind Dir	SW
D5	05 Feb 2025	Animal Life	
D5	05 Feb 2025	Floatables	
D5	05 Feb 2025	Current Direction	S
D5	05 Feb 2025	Water Temp (C)	13.4
D5	05 Feb 2025	High Tide Time	
D5	05 Feb 2025	Low Tide Time	
D5	05 Feb 2025	Comments	Water clear; Trash-1; Algae
D5	12 Feb 2025	Arrive Time	1029



Station	Date	Parameter	Value
D5	12 Feb 2025	Wind Speed (kts)	5
D5	12 Feb 2025	Wind Dir	S
D5	12 Feb 2025	Animal Life	
D5	12 Feb 2025	Floatables	
D5	12 Feb 2025	Current Direction	S
D5	12 Feb 2025	Water Temp (C)	13.9
D5	12 Feb 2025	High Tide Time	
D5	12 Feb 2025	Low Tide Time	
D5	12 Feb 2025	Comments	Water clear; Trash-3; Seagrass;Algae;Debris; Sewage-like odor
D5	19 Feb 2025	Arrive Time	1103
D5	19 Feb 2025	Wind Speed (kts)	6.1
D5	19 Feb 2025	Wind Dir	W
D5	19 Feb 2025	Animal Life	
D5	19 Feb 2025	Floatables	
D5	19 Feb 2025	Current Direction	S
D5	19 Feb 2025	Water Temp (C)	14.8
D5	19 Feb 2025	High Tide Time	
D5	19 Feb 2025	Low Tide Time	
D5	19 Feb 2025	Comments	Water clear; Trash-2; Kelp;Seagrass;Algae
D5	26 Feb 2025	Arrive Time	1044
D5	26 Feb 2025	Wind Speed (kts)	0.5
D5	26 Feb 2025	Wind Dir	W
D5	26 Feb 2025	Animal Life	
D5	26 Feb 2025	Floatables	
D5	26 Feb 2025	Current Direction	S
D5	26 Feb 2025	Water Temp (C)	15.4
D5	26 Feb 2025	High Tide Time	
D5	26 Feb 2025	Low Tide Time	
D5	26 Feb 2025	Comments	Water clear; Trash-1; Algae;Seagrass;Debris
D7	05 Feb 2025	Arrive Time	915
D7	05 Feb 2025	Wind Speed (kts)	4.5
D7	05 Feb 2025	Wind Dir	S
D7	05 Feb 2025	Animal Life	
D7	05 Feb 2025	Floatables	
D7	05 Feb 2025	Current Direction	S
D7	05 Feb 2025	Water Temp (C)	11.9
D7	05 Feb 2025	High Tide Time	
D7	05 Feb 2025	Low Tide Time	
D7	05 Feb 2025	Comments	Water clear; Surfer/Paddle boarder-4; Trash-1; Seagrass;Algae; Person/Walker/Jogger-1
D7	12 Feb 2025	Arrive Time	1001
D7	12 Feb 2025	Wind Speed (kts)	5
D7	12 Feb 2025	Wind Dir	S
D7	12 Feb 2025	Animal Life	
D7	12 Feb 2025	Floatables	
D7	12 Feb 2025	Current Direction	S
D7	12 Feb 2025	Water Temp (C)	12.6
D7	12 Feb 2025	High Tide Time	
D7	12 Feb 2025	Low Tide Time	
D7	12 Feb 2025	Comments	Water clear; Trash-1; Seagrass
D7	19 Feb 2025	Arrive Time	1038
D7	19 Feb 2025	Wind Speed (kts)	3.5
D7	19 Feb 2025	Wind Dir	N
D7	19 Feb 2025	Animal Life	
D7	19 Feb 2025	Floatables	

Station	Date	Parameter	Value
D7	19 Feb 2025	Current Direction	S
D7	19 Feb 2025	Water Temp (C)	15.1
D7	19 Feb 2025	High Tide Time	
D7	19 Feb 2025	Low Tide Time	
D7	19 Feb 2025	Comments	Water clear; Surfer/Paddle boarder-15; Trash-1; Kelp;Sea-grass;Algae
D7	26 Feb 2025	Arrive Time	1013
D7	26 Feb 2025	Wind Speed (kts)	2.9
D7	26 Feb 2025	Wind Dir	S
D7	26 Feb 2025	Animal Life	
D7	26 Feb 2025	Floatables	
D7	26 Feb 2025	Current Direction	S
D7	26 Feb 2025	Water Temp (C)	14.3
D7	26 Feb 2025	High Tide Time	
D7	26 Feb 2025	Low Tide Time	
D7	26 Feb 2025	Comments	Water clear; Surfer/Paddle boarder-7; Trash-1; Kelp;Algae
D8-B	05 Feb 2025	Arrive Time	903
D8-B	05 Feb 2025	Wind Speed (kts)	1.7
D8-B	05 Feb 2025	Wind Dir	E
D8-B	05 Feb 2025	Animal Life	
D8-B	05 Feb 2025	Floatables	
D8-B	05 Feb 2025	Current Direction	S
D8-B	05 Feb 2025	Water Temp (C)	11.5
D8-B	05 Feb 2025	High Tide Time	
D8-B	05 Feb 2025	Low Tide Time	
D8-B	05 Feb 2025	Comments	Water clear; Trash-2; Algae;Kelp
D8-B	12 Feb 2025	Arrive Time	947
D8-B	12 Feb 2025	Wind Speed (kts)	6.2
D8-B	12 Feb 2025	Wind Dir	SW
D8-B	12 Feb 2025	Animal Life	
D8-B	12 Feb 2025	Floatables	
D8-B	12 Feb 2025	Current Direction	S
D8-B	12 Feb 2025	Water Temp (C)	13.7
D8-B	12 Feb 2025	High Tide Time	
D8-B	12 Feb 2025	Low Tide Time	
D8-B	12 Feb 2025	Comments	Water clear; Trash-3; Seagrass;Algae;Debris
D8-B	19 Feb 2025	Arrive Time	1014
D8-B	19 Feb 2025	Wind Speed (kts)	2.3
D8-B	19 Feb 2025	Wind Dir	W
D8-B	19 Feb 2025	Animal Life	
D8-B	19 Feb 2025	Floatables	
D8-B	19 Feb 2025	Current Direction	S
D8-B	19 Feb 2025	Water Temp (C)	14.5
D8-B	19 Feb 2025	High Tide Time	
D8-B	19 Feb 2025	Low Tide Time	
D8-B	19 Feb 2025	Comments	Water clear; Surfer/Paddle boarder-2; Trash-1; Kelp;Sea-grass;Algae
D9	05 Feb 2025	Arrive Time	850
D9	05 Feb 2025	Wind Speed (kts)	1.7
D9	05 Feb 2025	Wind Dir	NE
D9	05 Feb 2025	Animal Life	Dog-1;
D9	05 Feb 2025	Floatables	
D9	05 Feb 2025	Current Direction	S
D9	05 Feb 2025	Water Temp (C)	12.3
D9	05 Feb 2025	High Tide Time	
D9	05 Feb 2025	Low Tide Time	

Station	Date	Parameter	Value
D9	05 Feb 2025	Comments	Water clear; Trash-1; Algae; Person/Walker/Jogger-2
D9	12 Feb 2025	Arrive Time	936
D9	12 Feb 2025	Wind Speed (kts)	0
D9	12 Feb 2025	Wind Dir	SW
D9	12 Feb 2025	Animal Life	
D9	12 Feb 2025	Floatables	
D9	12 Feb 2025	Current Direction	S
D9	12 Feb 2025	Water Temp (C)	13.1
D9	12 Feb 2025	High Tide Time	
D9	12 Feb 2025	Low Tide Time	
D9	12 Feb 2025	Comments	Water clear; Trash-3; Seagrass;Algae
D9	19 Feb 2025	Arrive Time	951
D9	19 Feb 2025	Wind Speed (kts)	0.2
D9	19 Feb 2025	Wind Dir	W
D9	19 Feb 2025	Animal Life	
D9	19 Feb 2025	Floatables	Foam
D9	19 Feb 2025	Current Direction	S
D9	19 Feb 2025	Water Temp (C)	13.9
D9	19 Feb 2025	High Tide Time	
D9	19 Feb 2025	Low Tide Time	
D9	19 Feb 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D9	26 Feb 2025	Arrive Time	941
D9	26 Feb 2025	Wind Speed (kts)	4.6
D9	26 Feb 2025	Wind Dir	S
D9	26 Feb 2025	Animal Life	
D9	26 Feb 2025	Floatables	
D9	26 Feb 2025	Current Direction	S
D9	26 Feb 2025	Water Temp (C)	14.8
D9	26 Feb 2025	High Tide Time	
D9	26 Feb 2025	Low Tide Time	
D9	26 Feb 2025	Comments	Water clear; Trash-1; Algae
D10	05 Feb 2025	Arrive Time	841
D10	05 Feb 2025	Wind Speed (kts)	2.7
D10	05 Feb 2025	Wind Dir	SE
D10	05 Feb 2025	Animal Life	
D10	05 Feb 2025	Floatables	
D10	05 Feb 2025	Current Direction	S
D10	05 Feb 2025	Water Temp (C)	13.2
D10	05 Feb 2025	High Tide Time	
D10	05 Feb 2025	Low Tide Time	
D10	05 Feb 2025	Comments	Water clear; Trash-1; Seagrass;Kelp; Person/Walker/Jogger-2
D10	12 Feb 2025	Arrive Time	924
D10	12 Feb 2025	Wind Speed (kts)	4
D10	12 Feb 2025	Wind Dir	S
D10	12 Feb 2025	Animal Life	
D10	12 Feb 2025	Floatables	
D10	12 Feb 2025	Current Direction	S
D10	12 Feb 2025	Water Temp (C)	13.1
D10	12 Feb 2025	High Tide Time	
D10	12 Feb 2025	Low Tide Time	
D10	12 Feb 2025	Comments	Water clear; Trash-4; Kelp;Seagrass;Debris
D10	19 Feb 2025	Arrive Time	931
D10	19 Feb 2025	Wind Speed (kts)	2
D10	19 Feb 2025	Wind Dir	W

Station	Date	Parameter	Value
D10	19 Feb 2025	Animal Life	
D10	19 Feb 2025	Floatables	
D10	19 Feb 2025	Current Direction	S
D10	19 Feb 2025	Water Temp (C)	14.5
D10	19 Feb 2025	High Tide Time	
D10	19 Feb 2025	Low Tide Time	
D10	19 Feb 2025	Comments	Water clear; Surfer/Paddle boarder-3; Trash-1; Kelp;Sea-grass; Person/Walker/Jogger-7
D10	26 Feb 2025	Arrive Time	928
D10	26 Feb 2025	Wind Speed (kts)	3.6
D10	26 Feb 2025	Wind Dir	S
D10	26 Feb 2025	Animal Life	
D10	26 Feb 2025	Floatables	
D10	26 Feb 2025	Current Direction	S
D10	26 Feb 2025	Water Temp (C)	15.3
D10	26 Feb 2025	High Tide Time	
D10	26 Feb 2025	Low Tide Time	
D10	26 Feb 2025	Comments	Water clear; Trash-4; Kelp;Seagrass;Debris
D11	05 Feb 2025	Arrive Time	831
D11	05 Feb 2025	Wind Speed (kts)	3
D11	05 Feb 2025	Wind Dir	E
D11	05 Feb 2025	Animal Life	Dog-2;
D11	05 Feb 2025	Floatables	
D11	05 Feb 2025	Current Direction	S
D11	05 Feb 2025	Water Temp (C)	12.9
D11	05 Feb 2025	High Tide Time	
D11	05 Feb 2025	Low Tide Time	
D11	05 Feb 2025	Comments	Water clear; Trash-1; Seagrass;Kelp; Person/Walker/Jogger-3
D11	12 Feb 2025	Arrive Time	910
D11	12 Feb 2025	Wind Speed (kts)	0.5
D11	12 Feb 2025	Wind Dir	SW
D11	12 Feb 2025	Animal Life	
D11	12 Feb 2025	Floatables	
D11	12 Feb 2025	Current Direction	S
D11	12 Feb 2025	Water Temp (C)	13.5
D11	12 Feb 2025	High Tide Time	
D11	12 Feb 2025	Low Tide Time	
D11	12 Feb 2025	Comments	Water clear; Trash-4; Kelp;Seagrass;Algae;Debris
D11	19 Feb 2025	Arrive Time	916
D11	19 Feb 2025	Wind Speed (kts)	2.9
D11	19 Feb 2025	Wind Dir	W
D11	19 Feb 2025	Animal Life	Dog-3;
D11	19 Feb 2025	Floatables	
D11	19 Feb 2025	Current Direction	S
D11	19 Feb 2025	Water Temp (C)	14
D11	19 Feb 2025	High Tide Time	
D11	19 Feb 2025	Low Tide Time	
D11	19 Feb 2025	Comments	Water clear; Surfer/Paddle boarder-5; Trash-1; Kelp;Sea-grass;Algae; Person/Walker/Jogger-9
D11	26 Feb 2025	Arrive Time	914
D11	26 Feb 2025	Wind Speed (kts)	4.8
D11	26 Feb 2025	Wind Dir	SW
D11	26 Feb 2025	Animal Life	
D11	26 Feb 2025	Floatables	
D11	26 Feb 2025	Current Direction	S

Station	Date	Parameter	Value
D11	26 Feb 2025	Water Temp (C)	15.3
D11	26 Feb 2025	High Tide Time	
D11	26 Feb 2025	Low Tide Time	
D11	26 Feb 2025	Comments	Water clear; Surfer/Paddle boarder-2; Trash-1; Seagrass;Kelp; Person/Walker/Jogger-3
D12	05 Feb 2025	Arrive Time	812
D12	05 Feb 2025	Wind Speed (kts)	1.5
D12	05 Feb 2025	Wind Dir	S
D12	05 Feb 2025	Animal Life	Seagull-1;
D12	05 Feb 2025	Floatables	
D12	05 Feb 2025	Current Direction	S
D12	05 Feb 2025	Water Temp (C)	12.8
D12	05 Feb 2025	High Tide Time	
D12	05 Feb 2025	Low Tide Time	
D12	05 Feb 2025	Comments	Water clear; Trash-1; Seagrass;Kelp; Person/Walker/Jogger-1
D12	12 Feb 2025	Arrive Time	851
D12	12 Feb 2025	Wind Speed (kts)	0
D12	12 Feb 2025	Wind Dir	SW
D12	12 Feb 2025	Animal Life	
D12	12 Feb 2025	Floatables	
D12	12 Feb 2025	Current Direction	S
D12	12 Feb 2025	Water Temp (C)	13.4
D12	12 Feb 2025	High Tide Time	
D12	12 Feb 2025	Low Tide Time	
D12	12 Feb 2025	Comments	Water clear; Trash-4; Kelp;Seagrass;Debris
D12	19 Feb 2025	Arrive Time	857
D12	19 Feb 2025	Wind Speed (kts)	2.2
D12	19 Feb 2025	Wind Dir	W
D12	19 Feb 2025	Animal Life	
D12	19 Feb 2025	Floatables	
D12	19 Feb 2025	Current Direction	S
D12	19 Feb 2025	Water Temp (C)	13.4
D12	19 Feb 2025	High Tide Time	
D12	19 Feb 2025	Low Tide Time	
D12	19 Feb 2025	Comments	Water clear; Surfer/Paddle boarder-2; Trash-1; Seagrass; Person/Walker/Jogger-10
D12	26 Feb 2025	Arrive Time	852
D12	26 Feb 2025	Wind Speed (kts)	3.3
D12	26 Feb 2025	Wind Dir	SW
D12	26 Feb 2025	Animal Life	Dog-1;
D12	26 Feb 2025	Floatables	
D12	26 Feb 2025	Current Direction	S
D12	26 Feb 2025	Water Temp (C)	4.8
D12	26 Feb 2025	High Tide Time	
D12	26 Feb 2025	Low Tide Time	
D12	26 Feb 2025	Comments	Water clear; Trash-3; Kelp;Seagrass;Debris; Person/Walker/Jogger-4

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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 2025	*3	*3	*5	*2	*2	*2	*3	*2
02 Feb 2025	*3	*3	*5	*2	*2	*2	*3	*2
03 Feb 2025	4	4	5	2	2	2	3	3
04 Feb 2025	4	4	5	2	2	2	3	3
05 Feb 2025	*5	*4	*6	*2	*2	*2	*3	*3
06 Feb 2025	*5	*4	*6	*2	*2	*2	*3	*3
07 Feb 2025	*5	*4	*6	*2	*2	*2	*3	*3
08 Feb 2025	*5	*4	*6	*2	*2	*2	*3	*3
09 Feb 2025	*5	*4	*6	*2	*2	*2	*3	*3
10 Feb 2025	6	4	11	2	2	2	4	3
11 Feb 2025	6	4	11	2	2	2	4	3
12 Feb 2025	6	4	11	2	2	2	4	3
13 Feb 2025	*7	*5	*12	*2	*2	*2	*4	*3
14 Feb 2025	*7	*5	*12	*2	*2	*2	*4	*3
15 Feb 2025	*7	*5	*12	*2	*2	*2	*4	*3
16 Feb 2025	*7	*5	*12	*2	*2	*2	*4	*3
17 Feb 2025	*7	*5	*12	*2	*2	*2	*4	*3
18 Feb 2025	*7	*5	*12	*2	*2	*2	*4	*3
19 Feb 2025	6	4	9	2	2	2	4	3
20 Feb 2025	*5	*4	*8	*2	*2	*2	*4	*3
21 Feb 2025	*5	*4	*8	*2	*2	*2	*4	*3
22 Feb 2025	*5	*4	*8	*2	*2	*2	*4	*3
23 Feb 2025	*5	*4	*8	*2	*2	*2	*4	*3
24 Feb 2025	4	3	6	2	2	2	3	3
25 Feb 2025	4	3	6	2	2	2	3	3
26 Feb 2025	4	3	6	2	2	2	3	3
27 Feb 2025	*5	*4	*8	*2	*2	*2	*4	*3
28 Feb 2025	*5	*4	*8	*2	*2	*2	*4	*3

\* 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
03 Feb 2025	IC	IC	IC	IC	IC	IC	IC	IC
10 Feb 2025	IC	IC	IC	IC	IC	IC	IC	IC
19 Feb 2025	IC	IC	IC	IC	IC	IC	IC	IC
24 Feb 2025	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 2025	*2	*2	*2	*2	*2	*2	*2	*2
02 Feb 2025	*2	*2	*2	*2	*2	*2	*2	*2
03 Feb 2025	2	2	2	2	2	2	2	3
04 Feb 2025	2	2	2	2	2	2	2	3
05 Feb 2025	*2	*2	*2	*2	*2	*2	*3	*3
06 Feb 2025	*2	*2	*2	*2	*2	*2	*3	*3
07 Feb 2025	*2	*2	*2	*2	*2	*2	*3	*3
08 Feb 2025	*2	*2	*2	*2	*2	*2	*3	*3
09 Feb 2025	*2	*2	*2	*2	*2	*2	*3	*3
10 Feb 2025	2	2	3	2	2	2	3	3
11 Feb 2025	2	2	3	2	2	2	3	3
12 Feb 2025	2	2	3	2	2	2	3	3
13 Feb 2025	*2	*2	*3	*2	*2	*2	*3	*3
14 Feb 2025	*2	*2	*3	*2	*2	*2	*3	*3
15 Feb 2025	*2	*2	*3	*2	*2	*2	*3	*3
16 Feb 2025	*2	*2	*3	*2	*2	*2	*3	*3
17 Feb 2025	*2	*2	*3	*2	*2	*2	*3	*3
18 Feb 2025	*2	*2	*3	*2	*2	*2	*3	*3
19 Feb 2025	2	2	3	2	2	2	3	3
20 Feb 2025	*2	*2	*3	*2	*2	*2	*3	*3
21 Feb 2025	*2	*2	*3	*2	*2	*2	*3	*3
22 Feb 2025	*2	*2	*3	*2	*2	*2	*3	*3
23 Feb 2025	*2	*2	*3	*2	*2	*2	*3	*3
24 Feb 2025	2	2	3	2	2	2	3	3
25 Feb 2025	2	2	3	2	2	2	3	3
26 Feb 2025	2	2	3	2	2	2	3	3
27 Feb 2025	*2	*2	*3	*2	*2	*2	*3	*3
28 Feb 2025	*2	*2	*3	*2	*2	*2	*3	*3

\* 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.

Date	A1	A6	A7	C4	C5	C6	C7	C8
03 Feb 2025	IC	IC	IC	IC	IC	IC	IC	IC
10 Feb 2025	IC	IC	IC	IC	IC	IC	IC	IC
19 Feb 2025	IC	IC	IC	IC	IC	IC	IC	IC
24 Feb 2025	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 2025	*6	*9	*10	*3	*3	*2	*13	*6
02 Feb 2025	*6	*9	*10	*3	*3	*2	*13	*6
03 Feb 2025	10	11	14	3	4	3	14	8
04 Feb 2025	10	11	14	3	4	3	14	8
05 Feb 2025	*12	*11	*21	*3	*4	*3	*13	*11
06 Feb 2025	*12	*11	*21	*3	*4	*3	*13	*11
07 Feb 2025	*12	*11	*21	*3	*4	*3	*13	*11
08 Feb 2025	*12	*11	*21	*3	*4	*3	*13	*11
09 Feb 2025	*12	*11	*21	*3	*4	*3	*13	*11
10 Feb 2025	16	14	41	3	3	3	19	12
11 Feb 2025	16	14	41	3	3	3	19	12
12 Feb 2025	16	14	41	3	3	3	19	12
13 Feb 2025	*24	*16	*42	*2	*4	*4	*19	*13
14 Feb 2025	*24	*16	*42	*2	*4	*4	*19	*13
15 Feb 2025	*24	*16	*42	*2	*4	*4	*19	*13
16 Feb 2025	*24	*16	*42	*2	*4	*4	*19	*13
17 Feb 2025	*24	*16	*42	*2	*4	*4	*19	*13
18 Feb 2025	*24	*16	*42	*2	*4	*4	*19	*13
19 Feb 2025	21	13	30	2	3	3	13	12
20 Feb 2025	*17	*9	*27	*2	*3	*4	*12	*13
21 Feb 2025	*17	*9	*27	*2	*3	*4	*12	*13
22 Feb 2025	*17	*9	*27	*2	*3	*4	*12	*13
23 Feb 2025	*17	*9	*27	*2	*3	*4	*12	*13
24 Feb 2025	11	7	16	2	3	3	8	9
25 Feb 2025	11	7	16	2	3	3	8	9
26 Feb 2025	11	7	16	2	3	3	8	9
27 Feb 2025	*16	*9	*27	*2	*3	*4	*10	*10
28 Feb 2025	*16	*9	*27	*2	*3	*4	*10	*10

- 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 10,000 CFU/100 mL.

Date	A1	A6	A7	C4	C5	C6	C7	C8
03 Feb 2025	IC	IC	IC	IC	IC	IC	IC	IC
10 Feb 2025	IC	IC	IC	IC	IC	IC	IC	IC
19 Feb 2025	IC	IC	IC	IC	IC	IC	IC	IC
24 Feb 2025	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
03 Feb 2025	IC	IC	IC	IC	IC	IC	IC	IC
10 Feb 2025	IC	IC	E	IC	IC	IC	IC	IC
19 Feb 2025	IC	IC	IC	IC	IC	IC	IC	IC
24 Feb 2025	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	03 Feb 2025	750	1	<2	<2	<2
A1	03 Feb 2025	750	12	80e	24e	2e
A1	03 Feb 2025	750	18	100e	14e	6e
A1	10 Feb 2025	805	1	<2	<2	<2
A1	10 Feb 2025	805	12	14e	2e	<2
A1	10 Feb 2025	805	18	120e	28e	2e
A1	19 Feb 2025	748	1	<2	<2	<2
A1	19 Feb 2025	748	12	6e	<2	<2
A1	19 Feb 2025	748	18	26e	<2	<2
A1	24 Feb 2025	811	1	<2	<2	<2
A1	24 Feb 2025	811	12	<2	<2	<2
A1	24 Feb 2025	811	18	2e	2e	<2
A6	03 Feb 2025	829	1	2e	<2	<2
A6	03 Feb 2025	829	12	28e	8e	4e
A6	03 Feb 2025	829	18	36e	10e	<2
A6	10 Feb 2025	841	1	<2	<2	<2
A6	10 Feb 2025	841	12	<2	<2	<2
A6	10 Feb 2025	841	18	88	14e	<2
A6	19 Feb 2025	810	1	<2	<2	<2
A6	19 Feb 2025	810	12	<2	<2	<2
A6	19 Feb 2025	810	18	14e	<2	<2
A6	24 Feb 2025	836	1	<2	<2	<2
A6	24 Feb 2025	836	12	<2	<2	<2
A6	24 Feb 2025	836	18	2e	<2	<2
A7	03 Feb 2025	815	1	4e	<2	<2
A7	03 Feb 2025	815	12	30e	6e	2e
A7	03 Feb 2025	815	18	140e	22e	<2
A7	10 Feb 2025	823	1	<2	<2	<2
A7	10 Feb 2025	823	12	240e	28e	4e
A7	10 Feb 2025	823	18	1600e	220e	22e
A7	19 Feb 2025	758	1	<2	<2	<2
A7	19 Feb 2025	758	12	<2	<2	<2
A7	19 Feb 2025	758	18	20e	4e	2e
A7	24 Feb 2025	825	1	<2	<2	<2
A7	24 Feb 2025	825	12	<2	<2	<2
A7	24 Feb 2025	825	18	<2	<2	<2
C4	03 Feb 2025	944	1	<2	<2	<2
C4	03 Feb 2025	944	3	2e	<2	<2
C4	03 Feb 2025	944	9	<2	<2	<2



Station	Date	Time	Depth	Total	Fecal	Entero
C4	10 Feb 2025	951	1	<2	<2	<2
C4	10 Feb 2025	951	3	<2	<2	<2
C4	10 Feb 2025	951	9	<2	<2	<2
C4	19 Feb 2025	917	1	<2	<2	<2
C4	19 Feb 2025	917	3	<2	<2	<2
C4	19 Feb 2025	917	9	<2	<2	<2
C4	24 Feb 2025	942	1	<2	<2	<2
C4	24 Feb 2025	942	3	<2	<2	<2
C4	24 Feb 2025	942	9	<2	<2	<2
C5	03 Feb 2025	936	1	<2	<2	<2
C5	03 Feb 2025	936	3	<2	<2	<2
C5	03 Feb 2025	936	9	20e	4e	<2
C5	10 Feb 2025	940	1	<2	<2	<2
C5	10 Feb 2025	940	3	<2	<2	2e
C5	10 Feb 2025	940	9	<2	2e	<2
C5	19 Feb 2025	906	1	<2	<2	<2
C5	19 Feb 2025	906	3	2e	<2	<2
C5	19 Feb 2025	906	9	2e	<2	<2
C5	24 Feb 2025	932	1	<2	<2	<2
C5	24 Feb 2025	932	3	<2	<2	<2
C5	24 Feb 2025	932	9	<2	<2	<2
C6	03 Feb 2025	923	1	2e	<2	<2
C6	03 Feb 2025	923	3	2e	<2	<2
C6	03 Feb 2025	923	9	30e	4e	2e
C6	10 Feb 2025	932	1	<2	<2	<2
C6	10 Feb 2025	932	3	<2	<2	<2
C6	10 Feb 2025	932	9	6e	2e	<2
C6	19 Feb 2025	854	1	<2	<2	<2
C6	19 Feb 2025	854	3	<2	<2	<2
C6	19 Feb 2025	854	9	<2	<2	<2
C6	24 Feb 2025	923	1	<2	<2	<2
C6	24 Feb 2025	923	3	<2	<2	<2
C6	24 Feb 2025	923	9	<2	<2	<2
C7	03 Feb 2025	845	1	8e	<2	4e
C7	03 Feb 2025	845	12	12e	2e	<2
C7	03 Feb 2025	845	18	50	12e	4e
C7	10 Feb 2025	856	1	<2	<2	<2
C7	10 Feb 2025	856	12	32e	2e	<2
C7	10 Feb 2025	856	18	220e	20e	6e
C7	19 Feb 2025	824	1	<2	<2	<2
C7	19 Feb 2025	824	12	<2	<2	<2
C7	19 Feb 2025	824	18	4e	2e	<2
C7	24 Feb 2025	850	1	<2	<2	<2
C7	24 Feb 2025	850	12	<2	<2	<2
C7	24 Feb 2025	850	18	2e	<2	<2

Station	Date	Time	Depth	Total	Fecal	Entero
C8	03 Feb 2025	907	1	4e	<2	<2
C8	03 Feb 2025	907	12	<20	4e	<2
C8	03 Feb 2025	907	18	66	26e	16e
C8	10 Feb 2025	906	1	<2	<2	<2
C8	10 Feb 2025	906	12	26e	2e	2e
C8	10 Feb 2025	906	18	30e	6e	4e
C8	19 Feb 2025	835	1	<2	<2	<2
C8	19 Feb 2025	835	12	<2	<2	<2
C8	19 Feb 2025	835	18	18e	2e	4e
C8	24 Feb 2025	902	1	<2	<2	<2
C8	24 Feb 2025	902	12	<2	<2	<2
C8	24 Feb 2025	902	18	4e	<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	03 Feb 2025	Arrive Time	750
A1	03 Feb 2025	Depart Time	809
A1	03 Feb 2025	Air Temp (C)	11.7
A1	03 Feb 2025	Visibility (mi)	0
A1	03 Feb 2025	Wind Speed (kts)	4.7
A1	03 Feb 2025	Wind Dir	NW
A1	03 Feb 2025	Sea State	Calm
A1	03 Feb 2025	High Tide Time	18
A1	03 Feb 2025	Low Tide Time	1812
A1	03 Feb 2025	Comments	Kelp; Lobster Floats; Second Cast needed due to depth issues.
A1	10 Feb 2025	Arrive Time	805
A1	10 Feb 2025	Depart Time	817
A1	10 Feb 2025	Air Temp (C)	12.3
A1	10 Feb 2025	Visibility (mi)	8
A1	10 Feb 2025	Wind Speed (kts)	8.2
A1	10 Feb 2025	Wind Dir	NE
A1	10 Feb 2025	Sea State	Confused Swell
A1	10 Feb 2025	High Tide Time	718
A1	10 Feb 2025	Low Tide Time	1430
A1	10 Feb 2025	Comments	
A1	19 Feb 2025	Arrive Time	748
A1	19 Feb 2025	Depart Time	751
A1	19 Feb 2025	Air Temp (C)	13.8
A1	19 Feb 2025	Visibility (mi)	9
A1	19 Feb 2025	Wind Speed (kts)	0.7
A1	19 Feb 2025	Wind Dir	NE
A1	19 Feb 2025	Sea State	Regular Swell
A1	19 Feb 2025	High Tide Time	24
A1	19 Feb 2025	Low Tide Time	806
A1	19 Feb 2025	Comments	Kelp Debris; Lobster Floats
A1	24 Feb 2025	Arrive Time	807
A1	24 Feb 2025	Depart Time	811
A1	24 Feb 2025	Air Temp (C)	14.8
A1	24 Feb 2025	Visibility (mi)	10
A1	24 Feb 2025	Wind Speed (kts)	0
A1	24 Feb 2025	Wind Dir	NE
A1	24 Feb 2025	Sea State	Regular Swell
A1	24 Feb 2025	High Tide Time	606
A1	24 Feb 2025	Low Tide Time	1324
A1	24 Feb 2025	Comments	Kelp; Kelp Debris; Seagrass
C4	03 Feb 2025	Arrive Time	944
C4	03 Feb 2025	Depart Time	950
C4	03 Feb 2025	Air Temp (C)	11.1
C4	03 Feb 2025	Visibility (mi)	0
C4	03 Feb 2025	Wind Speed (kts)	14.2
C4	03 Feb 2025	Wind Dir	N
C4	03 Feb 2025	Sea State	Calm
C4	03 Feb 2025	High Tide Time	18
C4	03 Feb 2025	Low Tide Time	1812
C4	03 Feb 2025	Comments	Lobster Floats

Station	Date	Parameter	Value
C4	10 Feb 2025	Arrive Time	951
C4	10 Feb 2025	Depart Time	959
C4	10 Feb 2025	Air Temp (C)	13.7
C4	10 Feb 2025	Visibility (mi)	8
C4	10 Feb 2025	Wind Speed (kts)	1.9
C4	10 Feb 2025	Wind Dir	SE
C4	10 Feb 2025	Sea State	Confused Swell
C4	10 Feb 2025	High Tide Time	718
C4	10 Feb 2025	Low Tide Time	1430
C4	10 Feb 2025	Comments	
C4	19 Feb 2025	Arrive Time	917
C4	19 Feb 2025	Depart Time	921
C4	19 Feb 2025	Air Temp (C)	13.5
C4	19 Feb 2025	Visibility (mi)	8
C4	19 Feb 2025	Wind Speed (kts)	0
C4	19 Feb 2025	Wind Dir	N
C4	19 Feb 2025	Sea State	Regular Swell
C4	19 Feb 2025	High Tide Time	24
C4	19 Feb 2025	Low Tide Time	806
C4	19 Feb 2025	Comments	Kelp Debris; Lobster Floats
C4	24 Feb 2025	Arrive Time	939
C4	24 Feb 2025	Depart Time	942
C4	24 Feb 2025	Air Temp (C)	14.8
C4	24 Feb 2025	Visibility (mi)	10
C4	24 Feb 2025	Wind Speed (kts)	5.5
C4	24 Feb 2025	Wind Dir	NW
C4	24 Feb 2025	Sea State	Regular Swell
C4	24 Feb 2025	High Tide Time	606
C4	24 Feb 2025	Low Tide Time	1324
C4	24 Feb 2025	Comments	Kelp Debris; Seagrass; Lobster Floats
A7	03 Feb 2025	Arrive Time	815
A7	03 Feb 2025	Depart Time	821
A7	03 Feb 2025	Air Temp (C)	11.5
A7	03 Feb 2025	Visibility (mi)	0
A7	03 Feb 2025	Wind Speed (kts)	5.2
A7	03 Feb 2025	Wind Dir	NW
A7	03 Feb 2025	Sea State	Calm
A7	03 Feb 2025	High Tide Time	18
A7	03 Feb 2025	Low Tide Time	1812
A7	03 Feb 2025	Comments	Kelp; Lobster Floats
A7	10 Feb 2025	Arrive Time	823
A7	10 Feb 2025	Depart Time	832
A7	10 Feb 2025	Air Temp (C)	12.4
A7	10 Feb 2025	Visibility (mi)	8
A7	10 Feb 2025	Wind Speed (kts)	8
A7	10 Feb 2025	Wind Dir	NE
A7	10 Feb 2025	Sea State	Confused Swell
A7	10 Feb 2025	High Tide Time	718
A7	10 Feb 2025	Low Tide Time	1430
A7	10 Feb 2025	Comments	
A7	19 Feb 2025	Arrive Time	758
A7	19 Feb 2025	Depart Time	804
A7	19 Feb 2025	Air Temp (C)	13.5
A7	19 Feb 2025	Visibility (mi)	9
A7	19 Feb 2025	Wind Speed (kts)	4.5
A7	19 Feb 2025	Wind Dir	SE

Station	Date	Parameter	Value
A7	19 Feb 2025	Sea State	Regular Swell
A7	19 Feb 2025	High Tide Time	24
A7	19 Feb 2025	Low Tide Time	806
A7	19 Feb 2025	Comments	Kelp; Lobster Floats
A7	24 Feb 2025	Arrive Time	820
A7	24 Feb 2025	Depart Time	825
A7	24 Feb 2025	Air Temp (C)	14.7
A7	24 Feb 2025	Visibility (mi)	10
A7	24 Feb 2025	Wind Speed (kts)	0
A7	24 Feb 2025	Wind Dir	NW
A7	24 Feb 2025	Sea State	Regular Swell
A7	24 Feb 2025	High Tide Time	606
A7	24 Feb 2025	Low Tide Time	1324
A7	24 Feb 2025	Comments	Kelp; Kelp Debris;
C5	03 Feb 2025	Arrive Time	936
C5	03 Feb 2025	Depart Time	940
C5	03 Feb 2025	Air Temp (C)	11.3
C5	03 Feb 2025	Visibility (mi)	0
C5	03 Feb 2025	Wind Speed (kts)	3.1
C5	03 Feb 2025	Wind Dir	N
C5	03 Feb 2025	Sea State	Calm
C5	03 Feb 2025	High Tide Time	18
C5	03 Feb 2025	Low Tide Time	1812
C5	03 Feb 2025	Comments	
C5	10 Feb 2025	Arrive Time	940
C5	10 Feb 2025	Depart Time	946
C5	10 Feb 2025	Air Temp (C)	13.3
C5	10 Feb 2025	Visibility (mi)	8
C5	10 Feb 2025	Wind Speed (kts)	4.2
C5	10 Feb 2025	Wind Dir	SE
C5	10 Feb 2025	Sea State	Confused Swell
C5	10 Feb 2025	High Tide Time	718
C5	10 Feb 2025	Low Tide Time	1430
C5	10 Feb 2025	Comments	
C5	19 Feb 2025	Arrive Time	906
C5	19 Feb 2025	Depart Time	911
C5	19 Feb 2025	Air Temp (C)	13.6
C5	19 Feb 2025	Visibility (mi)	8
C5	19 Feb 2025	Wind Speed (kts)	0
C5	19 Feb 2025	Wind Dir	E
C5	19 Feb 2025	Sea State	Regular Swell
C5	19 Feb 2025	High Tide Time	24
C5	19 Feb 2025	Low Tide Time	806
C5	19 Feb 2025	Comments	Water Whitish-Green (Milky); Kelp Debris; Lobster Floats
C5	24 Feb 2025	Arrive Time	930
C5	24 Feb 2025	Depart Time	932
C5	24 Feb 2025	Air Temp (C)	14.7
C5	24 Feb 2025	Visibility (mi)	10
C5	24 Feb 2025	Wind Speed (kts)	5.3
C5	24 Feb 2025	Wind Dir	NW
C5	24 Feb 2025	Sea State	Regular Swell
C5	24 Feb 2025	High Tide Time	606
C5	24 Feb 2025	Low Tide Time	1324
C5	24 Feb 2025	Comments	Kelp Debris; Seagrass
A6	03 Feb 2025	Arrive Time	829

Station	Date	Parameter	Value
A6	03 Feb 2025	Depart Time	838
A6	03 Feb 2025	Air Temp (C)	11.3
A6	03 Feb 2025	Visibility (mi)	0
A6	03 Feb 2025	Wind Speed (kts)	10.2
A6	03 Feb 2025	Wind Dir	NW
A6	03 Feb 2025	Sea State	Calm
A6	03 Feb 2025	High Tide Time	18
A6	03 Feb 2025	Low Tide Time	1812
A6	03 Feb 2025	Comments	Kelp; Lobster Floats
A6	10 Feb 2025	Arrive Time	841
A6	10 Feb 2025	Depart Time	845
A6	10 Feb 2025	Air Temp (C)	12.6
A6	10 Feb 2025	Visibility (mi)	8
A6	10 Feb 2025	Wind Speed (kts)	6.5
A6	10 Feb 2025	Wind Dir	E
A6	10 Feb 2025	Sea State	Confused Swell
A6	10 Feb 2025	High Tide Time	718
A6	10 Feb 2025	Low Tide Time	1430
A6	10 Feb 2025	Comments	
A6	19 Feb 2025	Arrive Time	810
A6	19 Feb 2025	Depart Time	816
A6	19 Feb 2025	Air Temp (C)	13.9
A6	19 Feb 2025	Visibility (mi)	9
A6	19 Feb 2025	Wind Speed (kts)	0
A6	19 Feb 2025	Wind Dir	S
A6	19 Feb 2025	Sea State	Regular Swell
A6	19 Feb 2025	High Tide Time	24
A6	19 Feb 2025	Low Tide Time	806
A6	19 Feb 2025	Comments	Kelp Debris; Lobster Floats; Unable to Obtain Depth
A6	24 Feb 2025	Arrive Time	833
A6	24 Feb 2025	Depart Time	836
A6	24 Feb 2025	Air Temp (C)	14.7
A6	24 Feb 2025	Visibility (mi)	10
A6	24 Feb 2025	Wind Speed (kts)	1.1
A6	24 Feb 2025	Wind Dir	W
A6	24 Feb 2025	Sea State	Regular Swell
A6	24 Feb 2025	High Tide Time	606
A6	24 Feb 2025	Low Tide Time	1324
A6	24 Feb 2025	Comments	Lobster Floats
C6	03 Feb 2025	Arrive Time	923
C6	03 Feb 2025	Depart Time	929
C6	03 Feb 2025	Air Temp (C)	11.1
C6	03 Feb 2025	Visibility (mi)	0
C6	03 Feb 2025	Wind Speed (kts)	1.3
C6	03 Feb 2025	Wind Dir	NE
C6	03 Feb 2025	Sea State	Calm
C6	03 Feb 2025	High Tide Time	18
C6	03 Feb 2025	Low Tide Time	1812
C6	03 Feb 2025	Comments	Kelp Debris
C6	10 Feb 2025	Arrive Time	932
C6	10 Feb 2025	Depart Time	932
C6	10 Feb 2025	Air Temp (C)	13.2
C6	10 Feb 2025	Visibility (mi)	8
C6	10 Feb 2025	Wind Speed (kts)	16.9
C6	10 Feb 2025	Wind Dir	E
C6	10 Feb 2025	Sea State	Confused Swell

Station	Date	Parameter	Value
C6	10 Feb 2025	High Tide Time	718
C6	10 Feb 2025	Low Tide Time	1430
C6	10 Feb 2025	Comments	
C6	19 Feb 2025	Arrive Time	854
C6	19 Feb 2025	Depart Time	859
C6	19 Feb 2025	Air Temp (C)	13.8
C6	19 Feb 2025	Visibility (mi)	9
C6	19 Feb 2025	Wind Speed (kts)	0.4
C6	19 Feb 2025	Wind Dir	SE
C6	19 Feb 2025	Sea State	Regular Swell
C6	19 Feb 2025	High Tide Time	24
C6	19 Feb 2025	Low Tide Time	806
C6	19 Feb 2025	Comments	
C6	24 Feb 2025	Arrive Time	920
C6	24 Feb 2025	Depart Time	923
C6	24 Feb 2025	Air Temp (C)	14.6
C6	24 Feb 2025	Visibility (mi)	10
C6	24 Feb 2025	Wind Speed (kts)	6.4
C6	24 Feb 2025	Wind Dir	NW
C6	24 Feb 2025	Sea State	Regular Swell
C6	24 Feb 2025	High Tide Time	606
C6	24 Feb 2025	Low Tide Time	1324
C6	24 Feb 2025	Comments	Seagrass
C7	03 Feb 2025	Arrive Time	845
C7	03 Feb 2025	Depart Time	859
C7	03 Feb 2025	Air Temp (C)	11.3
C7	03 Feb 2025	Visibility (mi)	0
C7	03 Feb 2025	Wind Speed (kts)	11.9
C7	03 Feb 2025	Wind Dir	NW
C7	03 Feb 2025	Sea State	Calm
C7	03 Feb 2025	High Tide Time	18
C7	03 Feb 2025	Low Tide Time	1812
C7	03 Feb 2025	Comments	Kelp Debris
C7	10 Feb 2025	Arrive Time	856
C7	10 Feb 2025	Depart Time	902
C7	10 Feb 2025	Air Temp (C)	12.9
C7	10 Feb 2025	Visibility (mi)	8
C7	10 Feb 2025	Wind Speed (kts)	4.4
C7	10 Feb 2025	Wind Dir	NE
C7	10 Feb 2025	Sea State	Confused Swell
C7	10 Feb 2025	High Tide Time	718
C7	10 Feb 2025	Low Tide Time	1430
C7	10 Feb 2025	Comments	
C7	19 Feb 2025	Arrive Time	824
C7	19 Feb 2025	Depart Time	828
C7	19 Feb 2025	Air Temp (C)	13.9
C7	19 Feb 2025	Visibility (mi)	9
C7	19 Feb 2025	Wind Speed (kts)	2.3
C7	19 Feb 2025	Wind Dir	SE
C7	19 Feb 2025	Sea State	Regular Swell
C7	19 Feb 2025	High Tide Time	24
C7	19 Feb 2025	Low Tide Time	806
C7	19 Feb 2025	Comments	
C7	24 Feb 2025	Arrive Time	847
C7	24 Feb 2025	Depart Time	850

Station	Date	Parameter	Value
C7	24 Feb 2025	Air Temp (C)	14.6
C7	24 Feb 2025	Visibility (mi)	10
C7	24 Feb 2025	Wind Speed (kts)	2.7
C7	24 Feb 2025	Wind Dir	W
C7	24 Feb 2025	Sea State	Regular Swell
C7	24 Feb 2025	High Tide Time	606
C7	24 Feb 2025	Low Tide Time	1324
C7	24 Feb 2025	Comments	
C8	03 Feb 2025	Arrive Time	907
C8	03 Feb 2025	Depart Time	912
C8	03 Feb 2025	Air Temp (C)	11
C8	03 Feb 2025	Visibility (mi)	0
C8	03 Feb 2025	Wind Speed (kts)	1.7
C8	03 Feb 2025	Wind Dir	NW
C8	03 Feb 2025	Sea State	Calm
C8	03 Feb 2025	High Tide Time	18
C8	03 Feb 2025	Low Tide Time	1812
C8	03 Feb 2025	Comments	Kelp Debris
C8	10 Feb 2025	Arrive Time	906
C8	10 Feb 2025	Depart Time	924
C8	10 Feb 2025	Air Temp (C)	13
C8	10 Feb 2025	Visibility (mi)	8
C8	10 Feb 2025	Wind Speed (kts)	11.9
C8	10 Feb 2025	Wind Dir	N
C8	10 Feb 2025	Sea State	Confused Swell
C8	10 Feb 2025	High Tide Time	718
C8	10 Feb 2025	Low Tide Time	1430
C8	10 Feb 2025	Comments	
C8	19 Feb 2025	Arrive Time	835
C8	19 Feb 2025	Depart Time	842
C8	19 Feb 2025	Air Temp (C)	13.8
C8	19 Feb 2025	Visibility (mi)	9
C8	19 Feb 2025	Wind Speed (kts)	0
C8	19 Feb 2025	Wind Dir	E
C8	19 Feb 2025	Sea State	Regular Swell
C8	19 Feb 2025	High Tide Time	24
C8	19 Feb 2025	Low Tide Time	806
C8	19 Feb 2025	Comments	
C8	24 Feb 2025	Arrive Time	859
C8	24 Feb 2025	Depart Time	902
C8	24 Feb 2025	Air Temp (C)	14.5
C8	24 Feb 2025	Visibility (mi)	10
C8	24 Feb 2025	Wind Speed (kts)	2.8
C8	24 Feb 2025	Wind Dir	W
C8	24 Feb 2025	Sea State	Regular Swell
C8	24 Feb 2025	High Tide Time	606
C8	24 Feb 2025	Low Tide Time	1324
C8	24 Feb 2025	Comments	Kelp Debris; Seagrass



**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	03 Feb 2025	1	13.26	94.81	7.7	33.44	8.1	25.1	1.21
A1	03 Feb 2025	2	13.21	95.08	7.6	33.45	8.1	25.1	1.23
A1	03 Feb 2025	3	13.08	95.15	7.5	33.45	8.1	25.2	1.16
A1	03 Feb 2025	4	12.84	95.79	7.2	33.47	8.1	25.2	0.97
A1	03 Feb 2025	5	12.73	96.45	7.0	33.47	8.0	25.3	0.69
A1	03 Feb 2025	6	12.66	96.82	6.8	33.47	8.0	25.3	0.64
A1	03 Feb 2025	7	12.55	97.09	6.7	33.48	8.0	25.3	0.61
A1	03 Feb 2025	8	12.53	97.18	6.6	33.47	8.0	25.3	0.61
A1	03 Feb 2025	9	12.48	97.21	6.5	33.48	8.0	25.3	0.54
A1	03 Feb 2025	10	12.44	97.02	6.3	33.49	8.0	25.3	0.54
A1	03 Feb 2025	11	12.41	96.46	6.2	33.50	8.0	25.3	0.52
A1	03 Feb 2025	12	12.39	96.33	6.1	33.50	8.0	25.3	0.52
A1	03 Feb 2025	13	12.40	96.08	6.1	33.50	8.0	25.3	0.89
A1	03 Feb 2025	14	12.40	93.97	6.1	33.50	8.0	25.3	1.62
A1	03 Feb 2025	15	12.40	93.99	6.1	33.50	8.0	25.3	1.17
A1	03 Feb 2025	16	12.41	94.55	6.1	33.50	8.0	25.3	0.93
A1	03 Feb 2025	17	12.38	94.64	6.1	33.51	8.0	25.4	1.10
A1	03 Feb 2025	18	12.37	94.84	6.0	33.51	8.0	25.4	1.18
A1	03 Feb 2025	19	12.40	94.41	6.0	33.50	8.0	25.3	1.23
A1	03 Feb 2025	20	12.38	94.26	6.0	33.50	8.0	25.4	0.67
A1	10 Feb 2025	1	13.58	84.29	7.8	33.45	8.1	25.1	2.94
A1	10 Feb 2025	2	13.59	84.34	7.8	33.45	8.1	25.1	3.00
A1	10 Feb 2025	3	13.59	84.24	7.9	33.45	8.1	25.1	3.03
A1	10 Feb 2025	4	13.59	84.55	7.9	33.45	8.1	25.1	3.06
A1	10 Feb 2025	5	13.57	84.47	7.8	33.45	8.1	25.1	3.16
A1	10 Feb 2025	6	13.57	84.74	7.8	33.45	8.1	25.1	3.18
A1	10 Feb 2025	7	13.45	85.09	7.6	33.45	8.1	25.1	3.31
A1	10 Feb 2025	8	13.33	86.26	7.3	33.47	8.0	25.1	3.20
A1	10 Feb 2025	9	13.12	87.19	6.8	33.49	8.0	25.2	2.35
A1	10 Feb 2025	10	12.79	88.32	6.2	33.52	8.0	25.3	1.72
A1	10 Feb 2025	11	12.79	86.61	6.0	33.52	8.0	25.3	1.50
A1	10 Feb 2025	12	12.64	87.12	5.8	33.53	7.9	25.3	1.23
A1	10 Feb 2025	13	12.57	87.72	5.6	33.54	7.9	25.3	6.30
A1	10 Feb 2025	14	12.51	87.63	5.5	33.55	7.9	25.4	6.19
A1	10 Feb 2025	15	12.40	88.51	5.3	33.56	7.9	25.4	0.75
A1	10 Feb 2025	16	12.27	89.74	5.0	33.58	7.9	25.4	0.51
A1	10 Feb 2025	17	12.03	90.84	4.5	33.62	7.9	25.5	0.44
A1	10 Feb 2025	18	11.84	89.97	4.1	33.67	7.8	25.6	0.34
A1	10 Feb 2025	19	11.60	90.07	3.5	33.72	7.8	25.7	0.40
A1	19 Feb 2025	1	14.39	88.50	8.5	33.30	8.1	24.8	1.52
A1	19 Feb 2025	2	14.39	88.57	8.5	33.30	8.1	24.8	1.62
A1	19 Feb 2025	3	14.38	88.69	8.4	33.30	8.1	24.8	1.76
A1	19 Feb 2025	4	14.36	88.95	8.4	33.30	8.1	24.8	1.88
A1	19 Feb 2025	5	14.36	88.94	8.4	33.30	8.1	24.8	1.92
A1	19 Feb 2025	6	14.32	88.83	8.3	33.31	8.1	24.8	1.86
A1	19 Feb 2025	7	14.20	88.90	8.2	33.32	8.1	24.8	2.02
A1	19 Feb 2025	8	14.09	89.21	8.0	33.34	8.1	24.9	1.97
A1	19 Feb 2025	9	13.89	89.16	7.8	33.36	8.1	24.9	1.84
A1	19 Feb 2025	10	13.71	89.25	7.5	33.38	8.0	25.0	1.79
A1	19 Feb 2025	11	13.60	89.12	7.3	33.40	8.0	25.0	1.82
A1	19 Feb 2025	12	13.54	89.23	7.2	33.41	8.0	25.1	1.66
A1	19 Feb 2025	13	13.51	89.47	7.1	33.40	8.0	25.1	1.69
A1	19 Feb 2025	14	13.41	89.30	6.9	33.41	8.0	25.1	1.64
A1	19 Feb 2025	15	13.13	89.20	6.6	33.46	8.0	25.2	1.41
A1	19 Feb 2025	16	12.91	89.27	6.2	33.46	8.0	25.2	1.30
A1	19 Feb 2025	17	12.46	89.44	5.7	33.54	7.9	25.4	0.93
A1	19 Feb 2025	18	12.27	89.43	5.3	33.57	7.9	25.4	0.76
A1	19 Feb 2025	19	12.13	89.64	5.0	33.59	7.8	25.5	0.87
A1	19 Feb 2025	20	12.17	89.13	5.0	33.58	7.8	25.5	1.06
A1	24 Feb 2025	1	14.42	95.86	8.6	33.32	8.2	24.8	0.46
A1	24 Feb 2025	2	14.41	95.58	8.6	33.32	8.2	24.8	0.51
A1	24 Feb 2025	3	14.40	95.47	8.6	33.33	8.2	24.8	0.57
A1	24 Feb 2025	4	14.38	95.57	8.5	33.33	8.2	24.8	0.67
A1	24 Feb 2025	5	14.35	95.26	8.4	33.34	8.2	24.8	0.72
A1	24 Feb 2025	6	14.32	95.15	8.3	33.34	8.2	24.8	0.76

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A1	24 Feb 2025	7	14.16	94.75	8.2	33.36	8.2	24.9	0.99
A1	24 Feb 2025	8	13.98	93.89	8.1	33.38	8.2	24.9	1.31
A1	24 Feb 2025	9	13.85	93.84	7.9	33.38	8.2	25.0	1.71
A1	24 Feb 2025	10	13.46	93.66	7.5	33.42	8.1	25.1	1.82
A1	24 Feb 2025	11	13.22	93.36	7.0	33.44	8.1	25.1	1.97
A1	24 Feb 2025	12	13.21	93.50	6.7	33.43	8.1	25.1	1.40
A1	24 Feb 2025	13	12.86	91.32	6.3	33.47	8.1	25.2	1.39
A1	24 Feb 2025	14	12.71	91.19	5.9	33.48	8.0	25.3	0.88
A1	24 Feb 2025	15	12.66	89.16	5.6	33.48	8.0	25.3	0.95
A1	24 Feb 2025	16	12.25	90.82	5.3	33.52	8.0	25.4	0.82
A1	24 Feb 2025	17	12.10	90.85	5.0	33.52	8.0	25.4	0.96
A1	24 Feb 2025	18	11.83	92.53	4.7	33.55	8.0	25.5	0.83
A1	24 Feb 2025	19	11.83	92.81	4.6	33.55	7.9	25.5	1.44
C4	03 Feb 2025	1	13.25	93.86	7.4	33.45	8.1	25.1	0.83
C4	03 Feb 2025	2	13.25	93.82	7.4	33.45	8.1	25.1	0.92
C4	03 Feb 2025	3	13.25	93.59	7.4	33.45	8.1	25.1	1.14
C4	03 Feb 2025	4	13.25	93.67	7.4	33.45	8.1	25.1	1.20
C4	03 Feb 2025	5	13.25	93.79	7.4	33.45	8.1	25.1	1.26
C4	03 Feb 2025	6	13.25	93.66	7.4	33.45	8.1	25.1	1.31
C4	03 Feb 2025	7	13.25	93.72	7.4	33.45	8.1	25.1	1.38
C4	03 Feb 2025	8	13.24	93.78	7.4	33.45	8.1	25.1	1.40
C4	03 Feb 2025	9	13.24	93.75	7.4	33.45	8.1	25.1	1.37
C4	03 Feb 2025	10	13.24	94.01	7.3	33.45	8.1	25.1	1.26
C4	03 Feb 2025	11	13.24	94.17	7.4	33.45	8.1	25.1	1.10
C4	10 Feb 2025	1	13.66	82.00	7.7	33.46	8.0	25.1	1.55
C4	10 Feb 2025	2	13.66	81.54	7.7	33.46	8.0	25.1	1.70
C4	10 Feb 2025	3	13.64	81.70	7.7	33.46	8.1	25.1	1.91
C4	10 Feb 2025	4	13.63	81.73	7.7	33.46	8.1	25.1	2.67
C4	10 Feb 2025	5	13.63	82.39	7.7	33.46	8.1	25.1	3.12
C4	10 Feb 2025	6	13.60	82.23	7.7	33.46	8.1	25.1	3.29
C4	10 Feb 2025	7	13.59	82.36	7.7	33.46	8.1	25.1	3.40
C4	10 Feb 2025	8	13.57	83.38	7.6	33.46	8.0	25.1	3.49
C4	10 Feb 2025	9	13.48	84.02	7.4	33.47	8.0	25.1	2.57
C4	10 Feb 2025	10	13.36	84.75	7.2	33.48	8.0	25.1	2.54
C4	10 Feb 2025	11	13.10	83.79	6.4	33.50	8.0	25.2	1.40
C4	19 Feb 2025	1	14.48	82.20	8.0	33.32	8.1	24.8	0.97
C4	19 Feb 2025	2	14.45	82.00	7.9	33.32	8.1	24.8	0.97
C4	19 Feb 2025	3	14.35	81.15	7.7	33.34	8.1	24.8	1.02
C4	19 Feb 2025	4	14.28	77.26	7.6	33.35	8.0	24.9	0.99
C4	19 Feb 2025	5	14.15	67.66	7.6	33.37	8.0	24.9	0.79
C4	19 Feb 2025	6	13.95	61.22	7.1	33.38	8.0	24.9	0.76
C4	19 Feb 2025	7	13.80	72.30	6.8	33.39	8.0	25.0	0.83
C4	19 Feb 2025	8	13.61	80.08	6.7	33.41	8.0	25.0	0.77
C4	19 Feb 2025	9	13.55	82.96	6.5	33.41	8.0	25.1	0.59
C4	19 Feb 2025	10	13.46	81.52	6.2	33.43	8.0	25.1	0.59
C4	19 Feb 2025	11	13.42	71.95	5.9	33.43	7.9	25.1	0.47
C4	19 Feb 2025	12	13.42	60.94	5.9	33.43	7.9	25.1	0.53
C4	24 Feb 2025	1	14.57	92.72	8.2	33.38	8.1	24.8	0.37
C4	24 Feb 2025	2	14.51	92.62	8.2	33.39	8.1	24.8	0.36
C4	24 Feb 2025	3	14.44	92.11	8.2	33.39	8.1	24.8	0.45
C4	24 Feb 2025	4	14.42	92.02	8.2	33.39	8.1	24.9	0.60
C4	24 Feb 2025	5	14.38	91.72	8.2	33.39	8.1	24.9	0.67
C4	24 Feb 2025	6	14.34	91.68	8.1	33.39	8.1	24.9	0.82
C4	24 Feb 2025	7	14.31	91.75	8.1	33.39	8.1	24.9	0.84
C4	24 Feb 2025	8	14.29	91.76	8.1	33.39	8.1	24.9	1.03
C4	24 Feb 2025	9	14.26	91.46	8.0	33.39	8.1	24.9	1.07
C4	24 Feb 2025	10	14.06	91.51	7.6	33.40	8.1	24.9	0.97
C4	24 Feb 2025	11	13.50	86.31	6.9	33.44	8.0	25.1	0.62
C4	24 Feb 2025	12	13.51	77.83	6.6	33.42	8.0	25.1	0.46
A7	03 Feb 2025	1	13.28	94.70	7.8	33.44	8.1	25.1	1.06
A7	03 Feb 2025	2	13.28	94.66	7.8	33.44	8.1	25.1	1.07
A7	03 Feb 2025	3	13.27	94.67	7.7	33.44	8.1	25.1	1.10
A7	03 Feb 2025	4	13.25	95.01	7.7	33.44	8.1	25.1	1.15
A7	03 Feb 2025	5	13.20	94.96	7.6	33.45	8.1	25.2	1.31
A7	03 Feb 2025	6	13.16	94.83	7.6	33.45	8.1	25.2	1.36
A7	03 Feb 2025	7	13.13	94.94	7.5	33.45	8.1	25.2	1.41
A7	03 Feb 2025	8	13.09	94.92	7.4	33.45	8.1	25.2	1.41
A7	03 Feb 2025	9	13.02	94.99	7.3	33.46	8.1	25.2	1.36
A7	03 Feb 2025	10	12.84	95.21	7.1	33.48	8.1	25.2	1.15

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A7	03 Feb 2025	11	12.76	95.61	6.9	33.47	8.1	25.3	0.88
A7	03 Feb 2025	12	12.72	96.08	6.8	33.47	8.0	25.3	0.79
A7	03 Feb 2025	13	12.60	96.10	6.6	33.49	8.0	25.3	0.75
A7	03 Feb 2025	14	12.56	96.08	6.5	33.49	8.0	25.3	0.65
A7	03 Feb 2025	15	12.58	96.00	6.4	33.48	8.0	25.3	0.65
A7	03 Feb 2025	16	12.59	96.02	6.4	33.48	8.0	25.3	0.66
A7	03 Feb 2025	17	12.58	95.97	6.4	33.48	8.0	25.3	0.66
A7	03 Feb 2025	18	12.55	95.99	6.4	33.49	8.0	25.3	0.66
A7	03 Feb 2025	19	12.54	96.04	6.3	33.49	8.0	25.3	0.64
A7	03 Feb 2025	20	12.46	96.00	6.2	33.51	8.0	25.3	0.63
A7	03 Feb 2025	21	12.46	95.77	6.1	33.50	8.0	25.3	0.56
A7	10 Feb 2025	1	13.57	87.17	7.8	33.43	8.1	25.1	1.66
A7	10 Feb 2025	2	13.56	86.68	7.8	33.43	8.1	25.1	1.74
A7	10 Feb 2025	3	13.47	86.77	7.6	33.44	8.1	25.1	2.59
A7	10 Feb 2025	4	13.26	86.70	7.2	33.47	8.0	25.2	2.27
A7	10 Feb 2025	5	13.09	88.56	6.8	33.48	8.0	25.2	1.97
A7	10 Feb 2025	6	12.90	89.85	6.3	33.50	8.0	25.3	1.19
A7	10 Feb 2025	7	12.61	90.32	5.8	33.53	7.9	25.3	1.03
A7	10 Feb 2025	8	12.36	90.77	5.2	33.56	7.9	25.4	0.63
A7	10 Feb 2025	9	12.46	90.89	5.1	33.54	7.9	25.4	0.68
A7	10 Feb 2025	10	12.02	91.52	4.8	33.59	7.9	25.5	0.58
A7	10 Feb 2025	11	12.03	92.49	4.6	33.59	7.8	25.5	0.43
A7	10 Feb 2025	12	11.93	93.10	4.6	33.59	7.8	25.5	0.48
A7	10 Feb 2025	13	11.70	93.28	4.3	33.63	7.8	25.6	0.39
A7	10 Feb 2025	14	11.63	93.38	4.1	33.64	7.8	25.6	0.37
A7	10 Feb 2025	15	11.66	93.34	4.0	33.64	7.8	25.6	0.37
A7	10 Feb 2025	16	11.47	93.34	3.8	33.70	7.8	25.7	0.35
A7	10 Feb 2025	17	11.41	93.15	3.5	33.72	7.8	25.7	0.23
A7	10 Feb 2025	18	11.40	92.91	3.4	33.72	7.8	25.7	0.22
A7	10 Feb 2025	19	11.38	92.72	3.4	33.73	7.7	25.7	0.22
A7	10 Feb 2025	20	11.34	92.77	3.2	33.74	7.7	25.7	0.21
A7	19 Feb 2025	1	14.50	89.59	8.6	33.27	8.1	24.7	1.06
A7	19 Feb 2025	2	14.50	89.56	8.6	33.27	8.1	24.7	1.16
A7	19 Feb 2025	3	14.50	89.61	8.6	33.27	8.1	24.7	1.16
A7	19 Feb 2025	4	14.50	89.69	8.6	33.28	8.1	24.8	1.29
A7	19 Feb 2025	5	14.50	89.93	8.6	33.28	8.1	24.8	1.39
A7	19 Feb 2025	6	14.49	90.09	8.6	33.28	8.1	24.8	1.35
A7	19 Feb 2025	7	14.46	90.04	8.5	33.30	8.1	24.8	1.48
A7	19 Feb 2025	8	14.37	90.04	8.4	33.31	8.1	24.8	1.71
A7	19 Feb 2025	9	14.36	89.62	8.4	33.31	8.1	24.8	2.11
A7	19 Feb 2025	10	14.33	89.31	8.4	33.31	8.1	24.8	2.06
A7	19 Feb 2025	11	14.26	89.24	8.4	33.32	8.1	24.8	2.16
A7	19 Feb 2025	12	14.11	88.58	8.2	33.34	8.1	24.9	2.68
A7	19 Feb 2025	13	13.78	88.08	7.8	33.39	8.1	25.0	3.12
A7	19 Feb 2025	14	13.55	87.72	7.4	33.41	8.0	25.1	2.95
A7	19 Feb 2025	15	13.38	88.03	7.0	33.43	8.0	25.1	1.80
A7	19 Feb 2025	16	13.24	88.35	6.6	33.45	8.0	25.1	1.89
A7	19 Feb 2025	17	12.46	89.17	5.7	33.58	7.9	25.4	0.94
A7	19 Feb 2025	18	12.27	89.45	5.2	33.57	7.9	25.4	0.67
A7	19 Feb 2025	19	12.15	88.69	5.0	33.59	7.8	25.5	0.60
A7	24 Feb 2025	1	14.73	94.99	8.8	33.28	8.1	24.7	0.58
A7	24 Feb 2025	2	14.74	91.91	8.8	33.17	8.1	24.6	0.55
A7	24 Feb 2025	3	14.74	94.70	8.8	33.30	8.1	24.7	0.55
A7	24 Feb 2025	4	14.68	94.74	8.7	33.31	8.1	24.7	0.73
A7	24 Feb 2025	5	14.35	94.87	8.5	33.33	8.1	24.8	0.77
A7	24 Feb 2025	6	14.24	94.75	8.3	33.34	8.1	24.9	0.78
A7	24 Feb 2025	7	14.24	94.75	8.2	33.34	8.1	24.9	0.89
A7	24 Feb 2025	8	14.11	94.85	8.1	33.35	8.1	24.9	0.98
A7	24 Feb 2025	9	13.99	94.68	8.0	33.36	8.1	24.9	0.98
A7	24 Feb 2025	10	13.95	94.81	7.9	33.36	8.1	24.9	1.06
A7	24 Feb 2025	11	13.78	94.65	7.8	33.38	8.1	25.0	1.29
A7	24 Feb 2025	12	13.66	94.30	7.7	33.38	8.1	25.0	1.28
A7	24 Feb 2025	13	13.46	94.14	7.5	33.40	8.0	25.1	2.33
A7	24 Feb 2025	14	13.42	92.99	7.3	33.40	8.0	25.1	2.81
A7	24 Feb 2025	15	12.92	92.09	6.7	33.45	8.0	25.2	2.46
A7	24 Feb 2025	16	12.65	92.66	6.1	33.47	7.9	25.3	1.38
A7	24 Feb 2025	17	12.39	94.51	5.6	33.49	7.9	25.3	1.01
A7	24 Feb 2025	18	12.28	94.83	5.4	33.50	7.9	25.4	0.96
A7	24 Feb 2025	19	12.01	94.96	5.0	33.52	7.8	25.4	0.90
A7	24 Feb 2025	20	11.96	94.74	4.8	33.53	7.8	25.5	2.42

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C5	03 Feb 2025	1	13.33	90.96	7.5	33.44	8.1	25.1	0.98
C5	03 Feb 2025	2	13.30	92.76	7.4	33.45	8.1	25.1	1.08
C5	03 Feb 2025	3	13.08	93.51	7.2	33.47	8.1	25.2	1.25
C5	03 Feb 2025	4	13.00	93.91	6.9	33.47	8.1	25.2	0.86
C5	03 Feb 2025	5	12.98	94.56	6.8	33.47	8.0	25.2	0.68
C5	03 Feb 2025	6	12.97	94.81	6.7	33.47	8.0	25.2	0.62
C5	03 Feb 2025	7	12.85	94.92	6.5	33.49	8.0	25.3	0.60
C5	03 Feb 2025	8	12.81	93.97	6.4	33.49	8.0	25.3	0.44
C5	03 Feb 2025	9	12.81	93.04	6.3	33.49	8.0	25.3	0.39
C5	03 Feb 2025	10	12.80	92.66	6.3	33.49	8.0	25.3	0.44
C5	10 Feb 2025	1	13.45	84.47	7.4	33.47	8.0	25.1	1.13
C5	10 Feb 2025	2	13.43	84.12	7.4	33.47	8.0	25.1	1.21
C5	10 Feb 2025	3	13.43	84.24	7.4	33.47	8.0	25.1	1.20
C5	10 Feb 2025	4	13.44	84.70	7.4	33.47	8.0	25.1	1.33
C5	10 Feb 2025	5	13.38	84.76	7.3	33.48	8.0	25.1	1.45
C5	10 Feb 2025	6	13.34	84.62	7.1	33.48	8.0	25.1	1.83
C5	10 Feb 2025	7	13.30	84.95	7.0	33.49	8.0	25.2	1.82
C5	10 Feb 2025	8	13.26	85.54	6.8	33.49	8.0	25.2	1.27
C5	10 Feb 2025	9	13.01	85.88	6.3	33.52	8.0	25.2	1.21
C5	10 Feb 2025	10	12.36	84.85	5.0	33.57	7.9	25.4	0.51
C5	10 Feb 2025	11	12.45	84.03	4.9	33.55	7.9	25.4	0.59
C5	19 Feb 2025	1	14.56	62.64	7.8	33.34	8.0	24.8	0.92
C5	19 Feb 2025	2	14.54	62.22	7.8	33.34	8.0	24.8	1.04
C5	19 Feb 2025	3	14.48	63.79	7.7	33.34	8.0	24.8	1.18
C5	19 Feb 2025	4	14.44	66.02	7.7	33.34	8.0	24.8	1.14
C5	19 Feb 2025	5	14.39	68.55	7.5	33.34	8.0	24.8	0.92
C5	19 Feb 2025	6	14.39	69.28	7.4	33.34	8.0	24.8	0.80
C5	19 Feb 2025	7	14.29	66.22	7.2	33.36	8.0	24.9	0.80
C5	19 Feb 2025	8	14.11	64.02	7.0	33.37	8.0	24.9	0.80
C5	19 Feb 2025	9	13.96	66.92	6.7	33.37	8.0	24.9	0.80
C5	19 Feb 2025	10	13.96	66.12	6.7	33.37	8.0	24.9	0.92
C5	24 Feb 2025	1	15.25	78.83	7.7	33.36	8.1	24.7	0.28
C5	24 Feb 2025	2	15.31	76.91	7.7	33.36	8.1	24.6	0.27
C5	24 Feb 2025	3	15.18	77.19	7.7	33.36	8.1	24.7	0.29
C5	24 Feb 2025	4	14.97	78.64	7.6	33.36	8.1	24.7	0.41
C5	24 Feb 2025	5	14.71	78.52	7.5	33.36	8.1	24.8	0.47
C5	24 Feb 2025	6	14.53	79.68	7.3	33.37	8.1	24.8	0.39
C5	24 Feb 2025	7	14.39	81.63	7.2	33.37	8.0	24.8	0.36
C5	24 Feb 2025	8	14.08	82.28	7.0	33.38	8.0	24.9	0.40
C5	24 Feb 2025	9	13.81	79.00	7.0	33.40	8.0	25.0	0.42
C5	24 Feb 2025	10	13.76	73.90	6.9	33.40	8.0	25.0	0.46
C5	24 Feb 2025	11	13.75	65.42	6.8	33.40	8.0	25.0	0.58
A6	03 Feb 2025	1	13.30	94.51	7.7	33.44	8.1	25.1	0.92
A6	03 Feb 2025	2	13.30	94.55	7.7	33.44	8.1	25.1	0.98
A6	03 Feb 2025	3	13.28	94.45	7.7	33.44	8.1	25.1	1.11
A6	03 Feb 2025	4	13.23	94.75	7.6	33.45	8.1	25.1	1.13
A6	03 Feb 2025	5	13.21	94.68	7.6	33.45	8.1	25.1	1.21
A6	03 Feb 2025	6	13.18	94.81	7.5	33.45	8.1	25.2	1.22
A6	03 Feb 2025	7	13.15	95.02	7.4	33.45	8.1	25.2	1.21
A6	03 Feb 2025	8	13.03	94.98	7.3	33.47	8.1	25.2	1.34
A6	03 Feb 2025	9	12.95	94.95	7.1	33.47	8.1	25.2	1.44
A6	03 Feb 2025	10	12.84	94.81	7.0	33.48	8.1	25.3	1.32
A6	03 Feb 2025	11	12.78	95.00	6.8	33.48	8.0	25.3	1.16
A6	03 Feb 2025	12	12.74	95.21	6.7	33.48	8.0	25.3	1.07
A6	03 Feb 2025	13	12.75	95.25	6.6	33.48	8.0	25.3	1.04
A6	03 Feb 2025	14	12.72	95.19	6.6	33.48	8.0	25.3	1.02
A6	03 Feb 2025	15	12.70	95.16	6.5	33.48	8.0	25.3	0.98
A6	03 Feb 2025	16	12.66	95.43	6.5	33.49	8.0	25.3	0.92
A6	03 Feb 2025	17	12.63	95.54	6.4	33.49	8.0	25.3	0.82
A6	03 Feb 2025	18	12.61	94.96	6.3	33.49	8.0	25.3	0.82
A6	03 Feb 2025	19	12.55	93.98	6.2	33.50	8.0	25.3	0.71
A6	10 Feb 2025	1	13.71	85.25	8.2	33.42	8.1	25.0	1.64
A6	10 Feb 2025	2	13.71	85.87	8.2	33.42	8.1	25.0	1.73
A6	10 Feb 2025	3	13.70	87.42	8.2	33.42	8.1	25.0	2.06
A6	10 Feb 2025	4	13.57	87.86	7.8	33.42	8.1	25.1	2.29
A6	10 Feb 2025	5	13.13	89.32	7.1	33.47	8.0	25.2	2.00
A6	10 Feb 2025	6	12.93	90.00	6.5	33.49	8.0	25.2	1.50
A6	10 Feb 2025	7	12.76	90.44	6.1	33.50	8.0	25.3	1.23
A6	10 Feb 2025	8	12.31	90.89	5.5	33.54	7.9	25.4	0.88

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A6	10 Feb 2025	9	12.14	92.30	5.0	33.56	7.9	25.4	0.53
A6	10 Feb 2025	10	12.13	92.56	4.8	33.56	7.8	25.4	0.50
A6	10 Feb 2025	11	12.13	92.51	4.7	33.56	7.8	25.4	0.49
A6	10 Feb 2025	12	12.10	92.41	4.7	33.57	7.8	25.5	0.47
A6	10 Feb 2025	13	12.09	92.36	4.7	33.58	7.8	25.5	0.48
A6	10 Feb 2025	14	12.09	92.41	4.6	33.58	7.8	25.5	0.46
A6	10 Feb 2025	15	11.86	92.45	4.3	33.63	7.8	25.5	0.43
A6	10 Feb 2025	16	11.73	92.72	4.0	33.65	7.8	25.6	0.32
A6	10 Feb 2025	17	11.60	92.76	3.8	33.68	7.8	25.6	0.28
A6	10 Feb 2025	18	11.57	92.81	3.6	33.69	7.8	25.6	0.27
A6	10 Feb 2025	19	11.48	92.73	3.5	33.71	7.8	25.7	0.26
A6	10 Feb 2025	20	11.47	92.76	3.4	33.71	7.8	25.7	0.27
A6	19 Feb 2025	1	14.57	89.91	8.6	33.28	8.1	24.7	0.80
A6	19 Feb 2025	2	14.57	90.11	8.6	33.28	8.1	24.7	0.83
A6	19 Feb 2025	3	14.56	90.30	8.6	33.28	8.1	24.7	0.94
A6	19 Feb 2025	4	14.56	90.00	8.6	33.28	8.1	24.7	1.05
A6	19 Feb 2025	5	14.56	90.17	8.6	33.28	8.1	24.7	1.12
A6	19 Feb 2025	6	14.56	90.01	8.6	33.28	8.1	24.7	1.16
A6	19 Feb 2025	7	14.56	90.07	8.6	33.28	8.1	24.7	1.15
A6	19 Feb 2025	8	14.56	89.86	8.6	33.28	8.1	24.7	1.28
A6	19 Feb 2025	9	14.56	89.86	8.6	33.28	8.1	24.7	1.30
A6	19 Feb 2025	10	14.54	89.81	8.6	33.29	8.1	24.7	1.41
A6	19 Feb 2025	11	14.54	89.65	8.6	33.29	8.1	24.8	1.35
A6	19 Feb 2025	12	14.50	89.67	8.5	33.29	8.1	24.8	1.45
A6	19 Feb 2025	13	14.36	89.65	8.4	33.31	8.1	24.8	1.85
A6	19 Feb 2025	14	14.13	88.86	8.1	33.34	8.1	24.9	2.04
A6	19 Feb 2025	15	13.76	88.15	7.6	33.40	8.1	25.0	2.02
A6	19 Feb 2025	16	13.08	88.79	6.7	33.49	8.0	25.2	1.56
A6	19 Feb 2025	17	12.49	89.81	5.7	33.55	7.9	25.4	0.96
A6	19 Feb 2025	18	12.56	89.64	5.7	33.52	7.9	25.3	0.98
A6	24 Feb 2025	1	14.87	95.23	8.8	33.30	8.1	24.7	0.46
A6	24 Feb 2025	2	14.87	95.37	8.8	33.30	8.1	24.7	0.46
A6	24 Feb 2025	3	14.89	95.04	8.7	33.30	8.1	24.7	0.44
A6	24 Feb 2025	4	14.87	95.26	8.7	33.30	8.1	24.7	0.45
A6	24 Feb 2025	5	14.78	95.21	8.6	33.31	8.1	24.7	0.51
A6	24 Feb 2025	6	14.57	94.98	8.5	33.32	8.1	24.8	0.56
A6	24 Feb 2025	7	14.27	94.92	8.1	33.34	8.1	24.8	0.66
A6	24 Feb 2025	8	13.53	94.84	7.5	33.40	8.1	25.0	0.97
A6	24 Feb 2025	9	13.11	94.43	6.9	33.44	8.0	25.2	0.97
A6	24 Feb 2025	10	13.14	94.56	6.7	33.42	8.0	25.1	0.91
A6	24 Feb 2025	11	13.13	94.56	6.6	33.42	8.0	25.1	0.97
A6	24 Feb 2025	12	13.08	94.54	6.6	33.43	8.0	25.2	1.06
A6	24 Feb 2025	13	12.99	94.64	6.5	33.44	8.0	25.2	1.03
A6	24 Feb 2025	14	12.92	94.47	6.4	33.44	8.0	25.2	1.10
A6	24 Feb 2025	15	12.84	94.48	6.2	33.45	7.9	25.2	1.15
A6	24 Feb 2025	16	12.73	94.62	6.0	33.46	7.9	25.3	1.13
A6	24 Feb 2025	17	12.43	94.52	5.7	33.49	7.9	25.3	1.01
A6	24 Feb 2025	18	12.17	94.58	5.2	33.52	7.8	25.4	0.78
A6	24 Feb 2025	19	12.10	94.89	5.0	33.52	7.8	25.4	0.74
C6	03 Feb 2025	1	13.37	93.61	7.6	33.43	8.1	25.1	0.79
C6	03 Feb 2025	2	13.32	93.98	7.4	33.44	8.1	25.1	0.81
C6	03 Feb 2025	3	12.94	93.99	6.9	33.50	8.1	25.2	0.59
C6	03 Feb 2025	4	12.88	94.63	6.6	33.48	8.0	25.2	0.33
C6	03 Feb 2025	5	12.85	94.92	6.5	33.48	8.0	25.2	0.36
C6	03 Feb 2025	6	12.80	94.95	6.4	33.48	8.0	25.3	0.40
C6	03 Feb 2025	7	12.61	95.36	6.2	33.52	8.0	25.3	0.37
C6	03 Feb 2025	8	12.56	95.68	6.1	33.51	8.0	25.3	0.34
C6	03 Feb 2025	9	12.56	95.57	6.0	33.50	8.0	25.3	0.34
C6	03 Feb 2025	10	12.60	95.49	6.0	33.49	8.0	25.3	0.35
C6	10 Feb 2025	1	13.53	81.33	7.4	33.49	8.0	25.1	0.32
C6	10 Feb 2025	2	13.51	81.12	7.3	33.49	8.0	25.1	0.37
C6	10 Feb 2025	3	13.49	80.94	7.3	33.49	8.0	25.1	0.59
C6	10 Feb 2025	4	13.48	81.27	7.3	33.48	8.0	25.1	0.77
C6	10 Feb 2025	5	13.48	81.40	7.3	33.48	8.0	25.1	0.96
C6	10 Feb 2025	6	13.46	81.53	7.2	33.48	8.0	25.1	1.11
C6	10 Feb 2025	7	13.16	81.72	6.6	33.51	8.0	25.2	0.98
C6	10 Feb 2025	8	12.46	84.26	5.6	33.57	7.9	25.4	0.51
C6	10 Feb 2025	9	12.61	86.55	5.1	33.54	7.9	25.3	0.42
C6	10 Feb 2025	10	12.34	87.64	4.7	33.57	7.8	25.4	0.43

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C6	19 Feb 2025	1	14.43	87.30	8.3	33.31	8.1	24.8	1.04
C6	19 Feb 2025	2	14.42	87.26	8.2	33.31	8.1	24.8	1.16
C6	19 Feb 2025	3	14.39	87.15	8.0	33.33	8.1	24.8	1.10
C6	19 Feb 2025	4	14.38	85.02	7.8	33.33	8.1	24.8	0.96
C6	19 Feb 2025	5	14.35	83.73	7.7	33.33	8.1	24.8	0.94
C6	19 Feb 2025	6	14.32	83.29	7.6	33.33	8.1	24.8	0.94
C6	19 Feb 2025	7	14.30	83.03	7.5	33.34	8.0	24.8	0.94
C6	19 Feb 2025	8	14.21	82.63	7.5	33.34	8.0	24.9	0.70
C6	19 Feb 2025	9	14.14	82.05	6.5	33.34	8.0	24.9	0.63
C6	24 Feb 2025	1	15.25	83.02	8.0	33.36	8.1	24.7	0.20
C6	24 Feb 2025	2	15.16	82.31	8.0	33.36	8.1	24.7	0.21
C6	24 Feb 2025	3	14.96	83.12	8.0	33.36	8.1	24.7	0.33
C6	24 Feb 2025	4	14.80	83.23	8.0	33.36	8.1	24.8	0.36
C6	24 Feb 2025	5	14.60	83.65	8.2	33.35	8.1	24.8	0.45
C6	24 Feb 2025	6	14.40	87.77	8.5	33.34	8.1	24.8	0.87
C6	24 Feb 2025	7	14.35	92.23	8.3	33.35	8.1	24.8	0.97
C6	24 Feb 2025	8	14.00	92.52	7.8	33.38	8.1	24.9	0.64
C6	24 Feb 2025	9	14.07	87.82	7.7	33.37	8.0	24.9	0.46
C6	24 Feb 2025	10	14.18	86.37	7.9	33.37	8.1	24.9	1.10
C7	03 Feb 2025	1	13.28	94.10	7.6	33.44	8.1	25.1	1.25
C7	03 Feb 2025	2	13.26	94.34	7.5	33.45	8.1	25.1	1.28
C7	03 Feb 2025	3	13.24	94.30	7.5	33.45	8.1	25.1	1.34
C7	03 Feb 2025	4	13.22	94.40	7.5	33.45	8.1	25.1	1.46
C7	03 Feb 2025	5	13.18	94.22	7.4	33.46	8.1	25.2	1.44
C7	03 Feb 2025	6	13.16	94.08	7.3	33.45	8.1	25.2	1.47
C7	03 Feb 2025	7	13.16	93.96	7.3	33.45	8.1	25.2	1.56
C7	03 Feb 2025	8	13.14	93.93	7.3	33.45	8.1	25.2	1.51
C7	03 Feb 2025	9	13.12	94.03	7.3	33.46	8.1	25.2	1.54
C7	03 Feb 2025	10	13.10	94.20	7.2	33.46	8.1	25.2	1.50
C7	03 Feb 2025	11	13.09	94.24	7.2	33.46	8.1	25.2	1.52
C7	03 Feb 2025	12	13.08	94.20	7.2	33.46	8.1	25.2	1.50
C7	03 Feb 2025	13	13.07	94.25	7.2	33.46	8.1	25.2	1.46
C7	03 Feb 2025	14	13.02	94.34	7.2	33.46	8.1	25.2	1.43
C7	03 Feb 2025	15	12.96	94.49	7.0	33.47	8.1	25.2	1.40
C7	03 Feb 2025	16	12.76	94.46	6.8	33.50	8.1	25.3	1.37
C7	03 Feb 2025	17	12.20	95.09	6.2	33.58	8.0	25.4	0.88
C7	03 Feb 2025	18	12.31	95.49	5.7	33.51	7.9	25.4	0.46
C7	10 Feb 2025	1	13.75	87.98	8.3	33.42	8.1	25.0	2.31
C7	10 Feb 2025	2	13.74	87.74	8.3	33.42	8.1	25.0	2.45
C7	10 Feb 2025	3	13.68	87.53	8.0	33.41	8.1	25.0	2.80
C7	10 Feb 2025	4	13.40	87.60	7.7	33.43	8.1	25.1	2.12
C7	10 Feb 2025	5	13.19	88.53	7.2	33.45	8.0	25.1	1.80
C7	10 Feb 2025	6	12.79	90.48	6.6	33.47	8.0	25.2	1.44
C7	10 Feb 2025	7	12.62	91.64	6.2	33.47	8.0	25.3	1.26
C7	10 Feb 2025	8	12.40	92.26	5.8	33.51	7.9	25.4	0.93
C7	10 Feb 2025	9	12.19	92.23	5.4	33.55	7.9	25.4	0.78
C7	10 Feb 2025	10	12.13	92.15	5.1	33.56	7.9	25.4	0.74
C7	10 Feb 2025	11	12.04	92.16	4.9	33.57	7.9	25.5	0.64
C7	10 Feb 2025	12	11.98	92.26	4.8	33.58	7.8	25.5	0.59
C7	10 Feb 2025	13	11.92	92.68	4.7	33.58	7.8	25.5	0.54
C7	10 Feb 2025	14	11.88	92.86	4.5	33.59	7.8	25.5	0.50
C7	10 Feb 2025	15	11.73	92.95	4.2	33.62	7.8	25.6	0.40
C7	10 Feb 2025	16	11.72	93.00	4.1	33.62	7.8	25.6	0.56
C7	10 Feb 2025	17	11.66	93.14	4.0	33.64	7.8	25.6	0.30
C7	10 Feb 2025	18	11.63	93.30	3.9	33.65	7.8	25.6	0.28
C7	10 Feb 2025	19	11.60	93.22	3.8	33.66	7.8	25.6	0.36
C7	19 Feb 2025	1	14.56	87.31	8.7	33.28	8.1	24.7	1.45
C7	19 Feb 2025	2	14.55	87.06	8.7	33.28	8.1	24.7	1.51
C7	19 Feb 2025	3	14.54	87.10	8.7	33.28	8.1	24.7	1.71
C7	19 Feb 2025	4	14.50	87.48	8.7	33.29	8.1	24.8	2.13
C7	19 Feb 2025	5	14.46	87.41	8.8	33.29	8.1	24.8	2.79
C7	19 Feb 2025	6	14.49	86.63	8.7	33.29	8.1	24.8	2.49
C7	19 Feb 2025	7	14.48	86.87	8.7	33.29	8.1	24.8	2.31
C7	19 Feb 2025	8	14.48	86.44	8.7	33.29	8.1	24.8	2.68
C7	19 Feb 2025	9	14.40	86.74	8.6	33.30	8.1	24.8	3.31
C7	19 Feb 2025	10	14.42	86.93	8.5	33.29	8.1	24.8	2.21
C7	19 Feb 2025	11	14.37	87.34	8.5	33.30	8.1	24.8	2.44
C7	19 Feb 2025	12	14.35	87.56	8.4	33.30	8.1	24.8	2.48
C7	19 Feb 2025	13	14.30	87.78	8.3	33.31	8.1	24.8	2.79
C7	19 Feb 2025	14	13.94	87.54	7.9	33.38	8.1	24.9	3.07

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C7	19 Feb 2025	15	13.43	87.51	7.2	33.45	8.0	25.1	2.04
C7	19 Feb 2025	16	13.04	88.45	6.6	33.48	8.0	25.2	1.24
C7	19 Feb 2025	17	12.74	89.34	6.2	33.50	8.0	25.3	0.96
C7	19 Feb 2025	18	12.62	90.32	5.9	33.51	7.9	25.3	0.72
C7	19 Feb 2025	19	12.64	89.59	5.9	33.50	7.9	25.3	0.73
C7	24 Feb 2025	1	15.02	94.14	8.9	33.31	8.2	24.7	0.51
C7	24 Feb 2025	2	15.00	94.29	8.8	33.32	8.2	24.7	0.54
C7	24 Feb 2025	3	14.98	93.91	8.8	33.32	8.2	24.7	0.61
C7	24 Feb 2025	4	14.81	93.03	8.8	33.32	8.1	24.7	0.69
C7	24 Feb 2025	5	14.61	93.31	8.7	33.33	8.1	24.8	0.80
C7	24 Feb 2025	6	14.34	93.96	8.6	33.35	8.1	24.8	1.03
C7	24 Feb 2025	7	14.15	93.43	8.5	33.36	8.1	24.9	1.48
C7	24 Feb 2025	8	14.04	92.93	8.4	33.37	8.1	24.9	1.81
C7	24 Feb 2025	9	13.97	92.43	8.3	33.37	8.1	24.9	2.12
C7	24 Feb 2025	10	13.87	92.33	8.2	33.37	8.1	25.0	2.27
C7	24 Feb 2025	11	13.78	91.79	8.1	33.38	8.1	25.0	2.39
C7	24 Feb 2025	12	13.73	91.73	7.9	33.38	8.1	25.0	2.58
C7	24 Feb 2025	13	13.67	92.06	7.7	33.38	8.1	25.0	2.25
C7	24 Feb 2025	14	13.35	92.45	7.2	33.41	8.0	25.1	1.93
C7	24 Feb 2025	15	12.97	92.90	6.3	33.46	8.0	25.2	1.19
C7	24 Feb 2025	16	12.43	92.66	5.6	33.50	7.9	25.3	0.71
C7	24 Feb 2025	17	12.17	92.23	5.1	33.53	7.8	25.4	0.48
C7	24 Feb 2025	18	12.17	92.28	5.0	33.53	7.8	25.4	0.48
C7	24 Feb 2025	19	12.24	91.78	5.0	33.52	7.8	25.4	0.50
C8	03 Feb 2025	1	13.36	94.59	7.9	33.44	8.1	25.1	0.95
C8	03 Feb 2025	2	13.36	94.62	7.9	33.44	8.1	25.1	0.98
C8	03 Feb 2025	3	13.34	94.55	7.8	33.44	8.1	25.1	1.09
C8	03 Feb 2025	4	13.33	94.26	7.8	33.44	8.1	25.1	1.25
C8	03 Feb 2025	5	13.32	94.42	7.8	33.44	8.1	25.1	1.32
C8	03 Feb 2025	6	13.30	94.26	7.8	33.44	8.1	25.1	1.49
C8	03 Feb 2025	7	13.30	94.16	7.8	33.44	8.1	25.1	1.66
C8	03 Feb 2025	8	13.28	94.20	7.7	33.44	8.1	25.1	1.68
C8	03 Feb 2025	9	13.18	94.25	7.6	33.46	8.1	25.2	1.76
C8	03 Feb 2025	10	13.01	94.38	7.4	33.47	8.1	25.2	1.75
C8	03 Feb 2025	11	12.90	94.36	7.1	33.47	8.1	25.2	1.69
C8	03 Feb 2025	12	12.80	94.77	6.9	33.48	8.1	25.3	1.41
C8	03 Feb 2025	13	12.58	95.31	6.6	33.51	8.0	25.3	0.96
C8	03 Feb 2025	14	12.37	96.05	6.2	33.52	8.0	25.4	0.65
C8	03 Feb 2025	15	12.26	96.32	5.9	33.52	8.0	25.4	0.58
C8	03 Feb 2025	16	12.11	96.22	5.6	33.54	8.0	25.4	0.54
C8	03 Feb 2025	17	12.06	95.77	5.4	33.53	7.9	25.4	0.40
C8	03 Feb 2025	18	12.09	95.47	5.3	33.53	7.9	25.4	0.45
C8	03 Feb 2025	19	12.01	95.38	5.3	33.54	7.9	25.5	0.38
C8	03 Feb 2025	20	12.01	95.01	5.2	33.54	7.9	25.5	0.36
C8	10 Feb 2025	1	13.69	83.25	8.0	33.41	8.1	25.0	2.05
C8	10 Feb 2025	2	13.67	78.93	8.0	33.41	8.1	25.0	2.06
C8	10 Feb 2025	3	13.61	85.58	7.9	33.42	8.1	25.0	2.05
C8	10 Feb 2025	4	13.53	88.56	7.7	33.42	8.1	25.1	2.03
C8	10 Feb 2025	5	13.05	91.18	7.1	33.45	8.0	25.2	1.63
C8	10 Feb 2025	6	12.86	91.42	6.7	33.46	8.0	25.2	1.29
C8	10 Feb 2025	7	12.73	91.72	6.5	33.46	8.0	25.3	1.22
C8	10 Feb 2025	8	12.47	92.34	6.2	33.47	8.0	25.3	1.10
C8	10 Feb 2025	9	12.22	93.21	5.8	33.47	7.9	25.4	0.96
C8	10 Feb 2025	10	12.01	93.79	5.5	33.51	7.9	25.4	0.75
C8	10 Feb 2025	11	12.06	93.85	5.3	33.50	7.9	25.4	0.71
C8	10 Feb 2025	12	11.81	93.87	4.9	33.56	7.9	25.5	0.59
C8	10 Feb 2025	13	11.78	93.87	4.6	33.58	7.8	25.5	0.43
C8	10 Feb 2025	14	11.78	93.70	4.5	33.58	7.8	25.5	0.40
C8	10 Feb 2025	15	11.76	93.29	4.4	33.58	7.8	25.5	0.38
C8	10 Feb 2025	16	11.76	93.08	4.3	33.59	7.8	25.5	0.37
C8	10 Feb 2025	17	11.76	92.94	4.3	33.59	7.8	25.5	0.36
C8	10 Feb 2025	18	11.76	92.89	4.3	33.59	7.8	25.5	0.36
C8	10 Feb 2025	19	11.76	92.82	4.3	33.59	7.8	25.5	0.38
C8	10 Feb 2025	20	11.77	92.65	4.3	33.59	7.8	25.5	0.45
C8	19 Feb 2025	1	14.58	87.16	8.7	33.28	8.1	24.7	1.25
C8	19 Feb 2025	2	14.58	87.59	8.7	33.28	8.1	24.7	1.29
C8	19 Feb 2025	3	14.55	86.55	8.7	33.28	8.1	24.7	1.49
C8	19 Feb 2025	4	14.53	86.78	8.8	33.28	8.1	24.7	1.78
C8	19 Feb 2025	5	14.50	87.20	8.8	33.29	8.1	24.8	2.27
C8	19 Feb 2025	6	14.44	86.61	8.8	33.30	8.1	24.8	3.29

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C8	19 Feb 2025	7	14.41	85.96	8.7	33.30	8.1	24.8	3.52
C8	19 Feb 2025	8	14.37	85.80	8.6	33.30	8.1	24.8	3.12
C8	19 Feb 2025	9	14.37	86.38	8.6	33.30	8.1	24.8	3.02
C8	19 Feb 2025	10	14.36	86.57	8.5	33.30	8.1	24.8	2.73
C8	19 Feb 2025	11	14.34	86.81	8.4	33.30	8.1	24.8	2.45
C8	19 Feb 2025	12	14.04	87.99	8.1	33.36	8.1	24.9	2.90
C8	19 Feb 2025	13	13.53	88.47	7.4	33.42	8.1	25.1	2.25
C8	19 Feb 2025	14	13.41	89.17	7.0	33.43	8.0	25.1	1.57
C8	19 Feb 2025	15	13.01	89.04	6.5	33.49	8.0	25.2	1.14
C8	19 Feb 2025	16	12.84	88.67	6.1	33.50	8.0	25.3	1.07
C8	19 Feb 2025	17	12.44	88.20	5.7	33.55	7.9	25.4	0.86
C8	19 Feb 2025	18	12.44	88.05	5.5	33.53	7.9	25.4	0.85
C8	19 Feb 2025	19	12.44	87.89	5.5	33.54	7.9	25.4	0.87
C8	24 Feb 2025	1	15.19	91.63	8.8	33.33	8.2	24.6	0.53
C8	24 Feb 2025	2	15.18	91.95	8.8	33.33	8.2	24.6	0.52
C8	24 Feb 2025	3	15.13	91.93	8.8	33.33	8.2	24.7	0.59
C8	24 Feb 2025	4	15.11	91.98	8.8	33.33	8.2	24.7	0.77
C8	24 Feb 2025	5	15.00	91.51	8.6	33.32	8.2	24.7	0.96
C8	24 Feb 2025	6	14.67	91.04	8.6	33.31	8.1	24.7	0.85
C8	24 Feb 2025	7	14.40	92.65	8.5	33.31	8.1	24.8	0.77
C8	24 Feb 2025	8	14.23	94.23	8.6	33.34	8.1	24.9	1.05
C8	24 Feb 2025	9	14.20	94.31	8.5	33.34	8.1	24.9	2.00
C8	24 Feb 2025	10	13.99	93.88	8.3	33.36	8.1	24.9	2.10
C8	24 Feb 2025	11	13.72	91.99	8.1	33.38	8.1	25.0	2.78
C8	24 Feb 2025	12	13.64	91.97	7.8	33.39	8.1	25.0	2.85
C8	24 Feb 2025	13	13.50	92.25	7.6	33.39	8.1	25.0	2.97
C8	24 Feb 2025	14	13.37	92.67	7.3	33.40	8.0	25.1	2.52
C8	24 Feb 2025	15	12.93	93.30	6.5	33.45	8.0	25.2	2.54
C8	24 Feb 2025	16	12.37	93.29	5.7	33.51	7.9	25.4	1.42
C8	24 Feb 2025	17	12.14	92.15	5.2	33.52	7.8	25.4	0.75
C8	24 Feb 2025	18	12.15	91.48	5.0	33.52	7.8	25.4	0.71
C8	24 Feb 2025	19	12.12	90.91	5.0	33.52	7.8	25.4	0.66
C8	24 Feb 2025	20	12.14	89.26	4.9	33.52	7.8	25.4	0.64

NA = not available



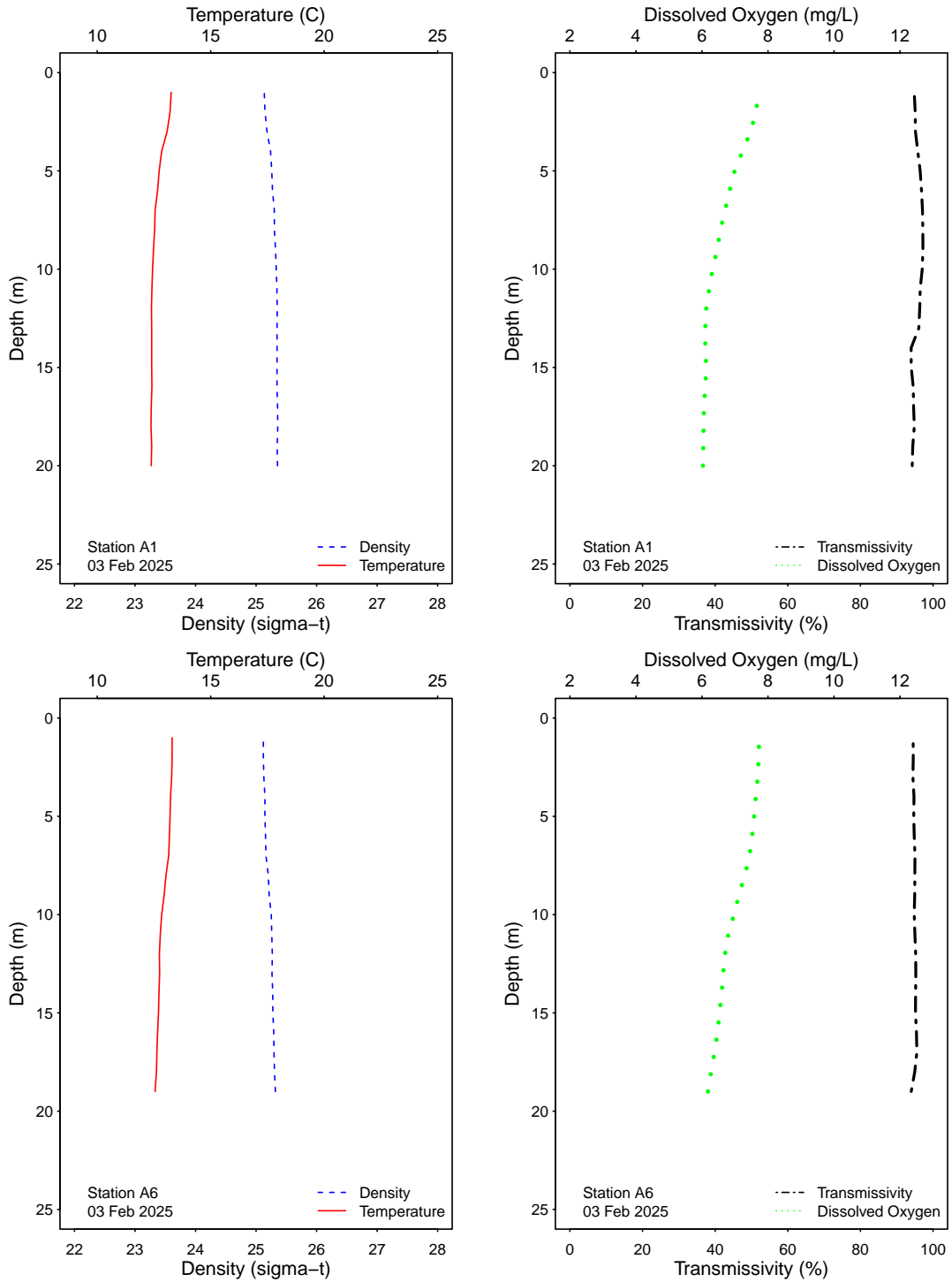


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

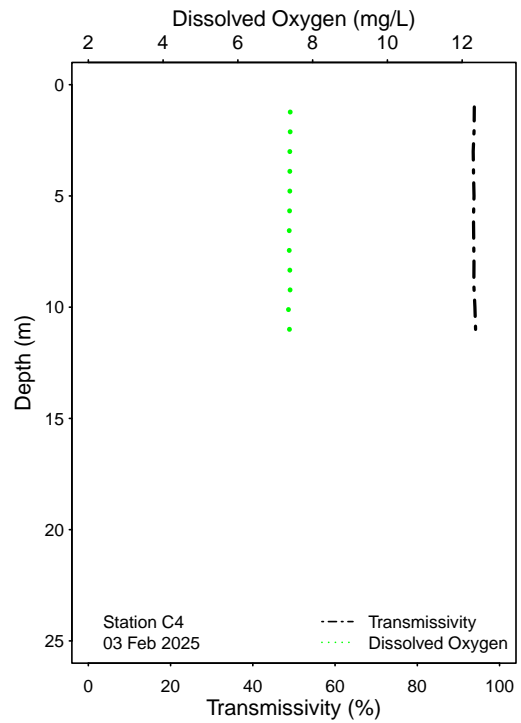
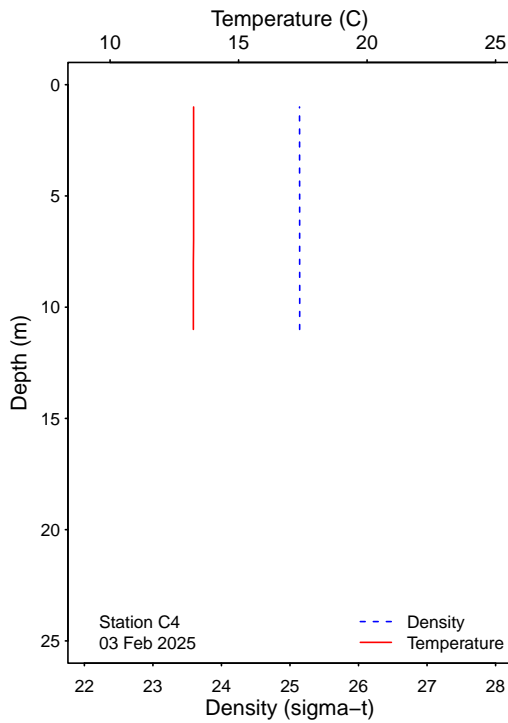
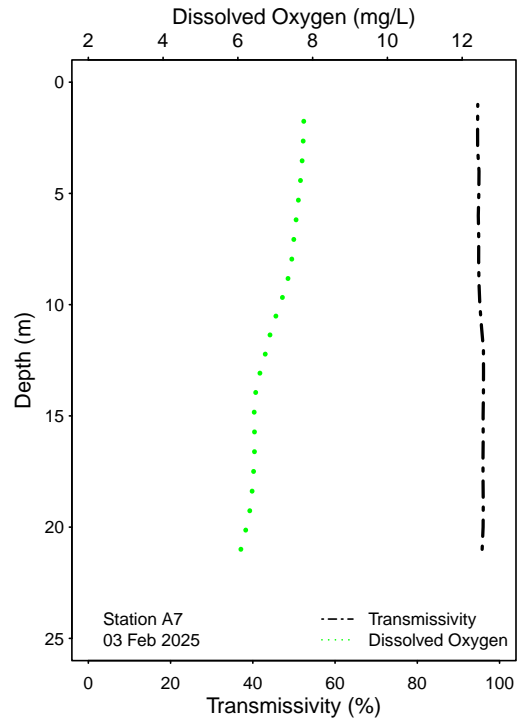
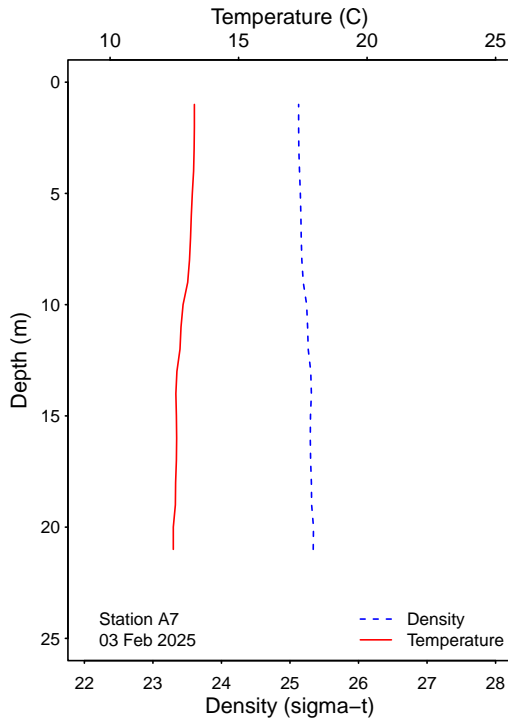


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

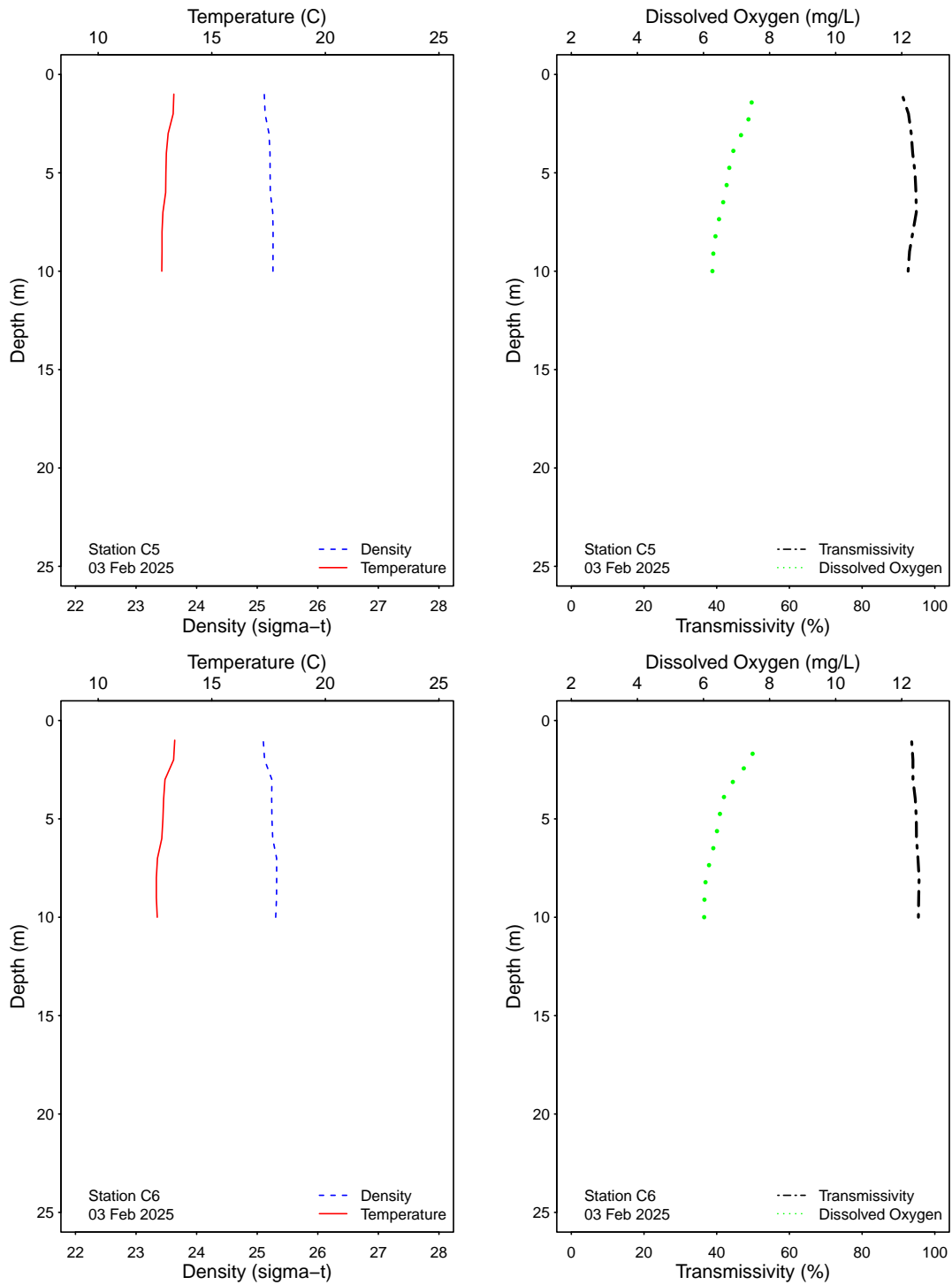


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

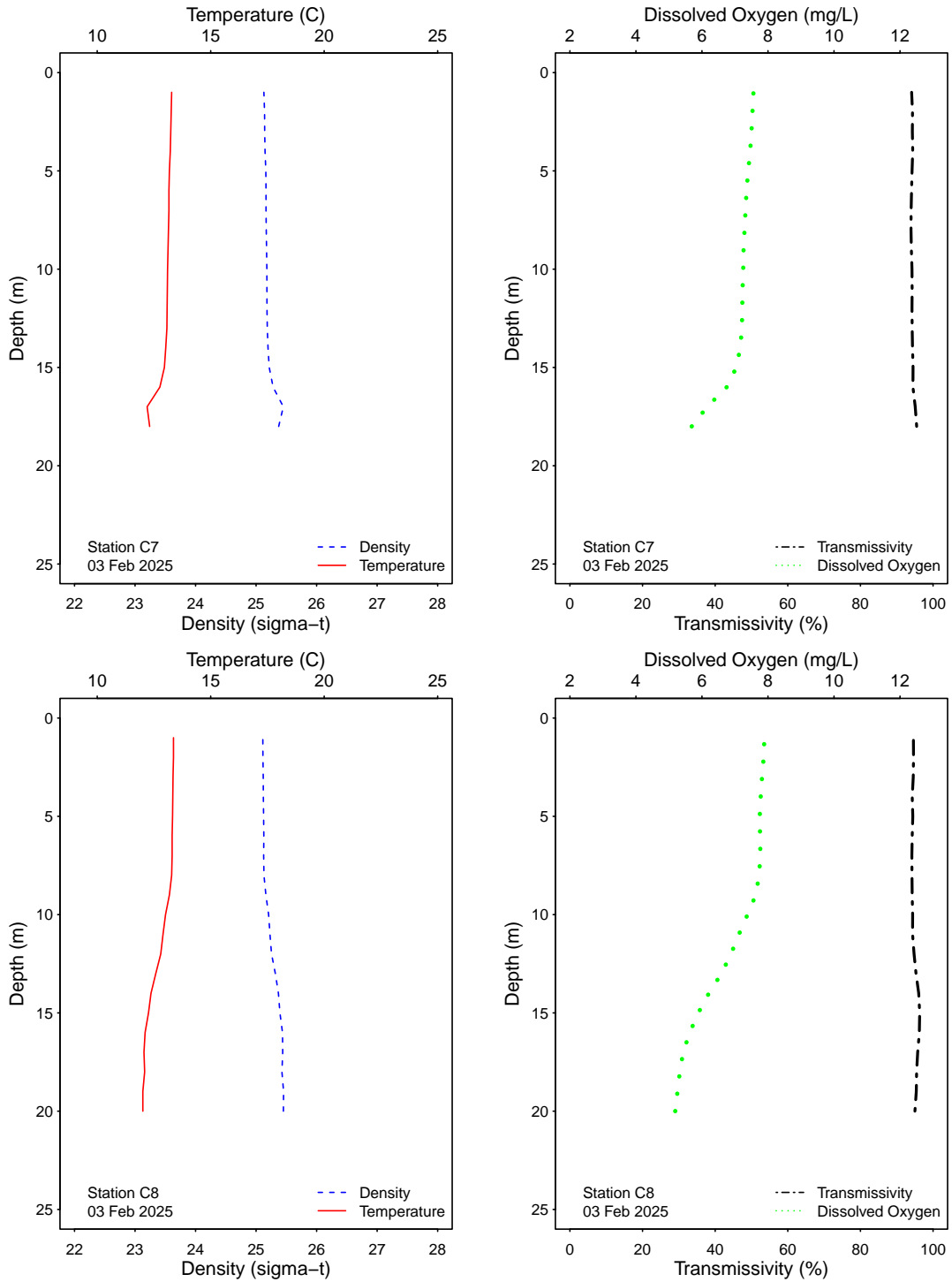


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

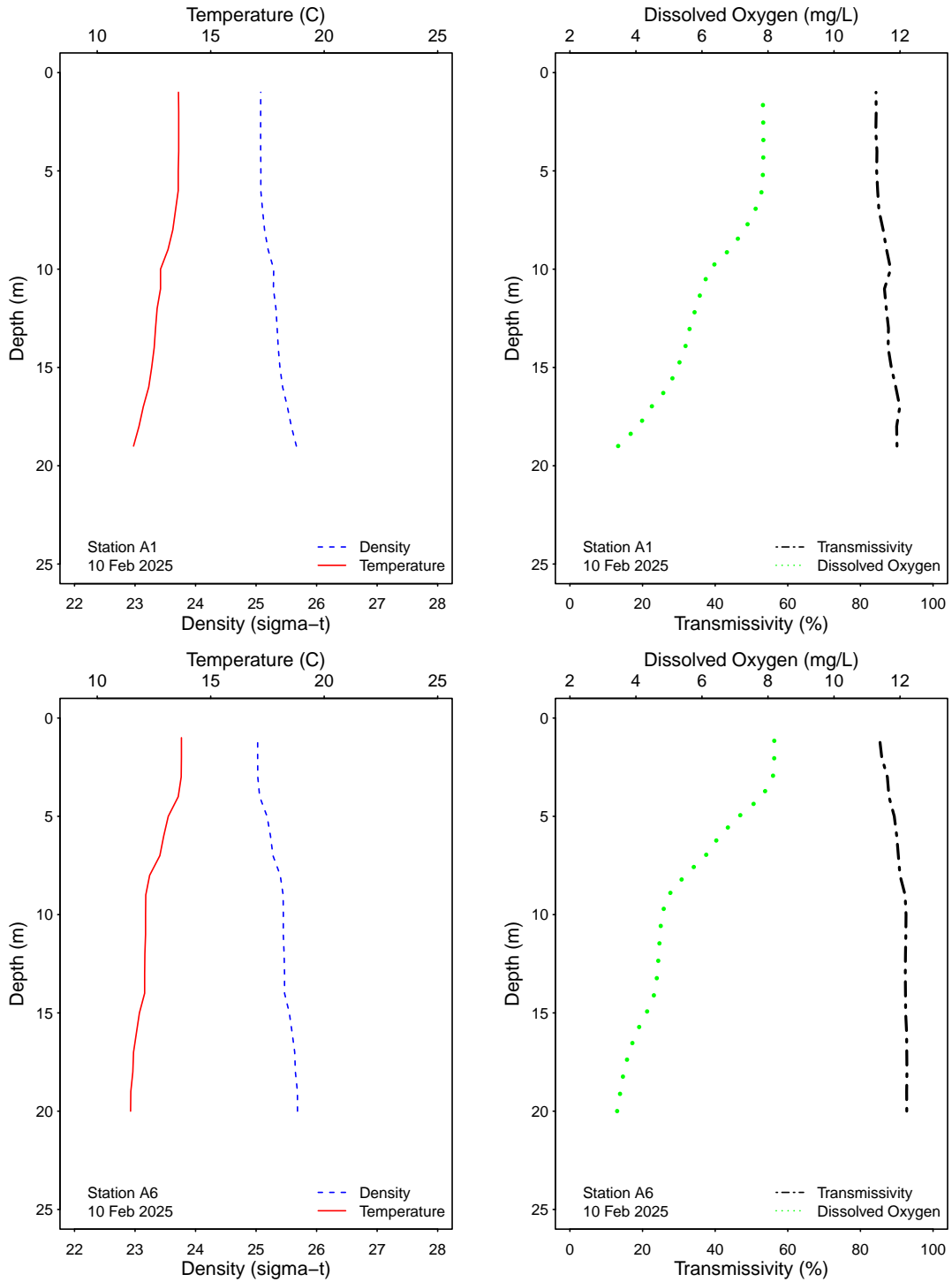


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

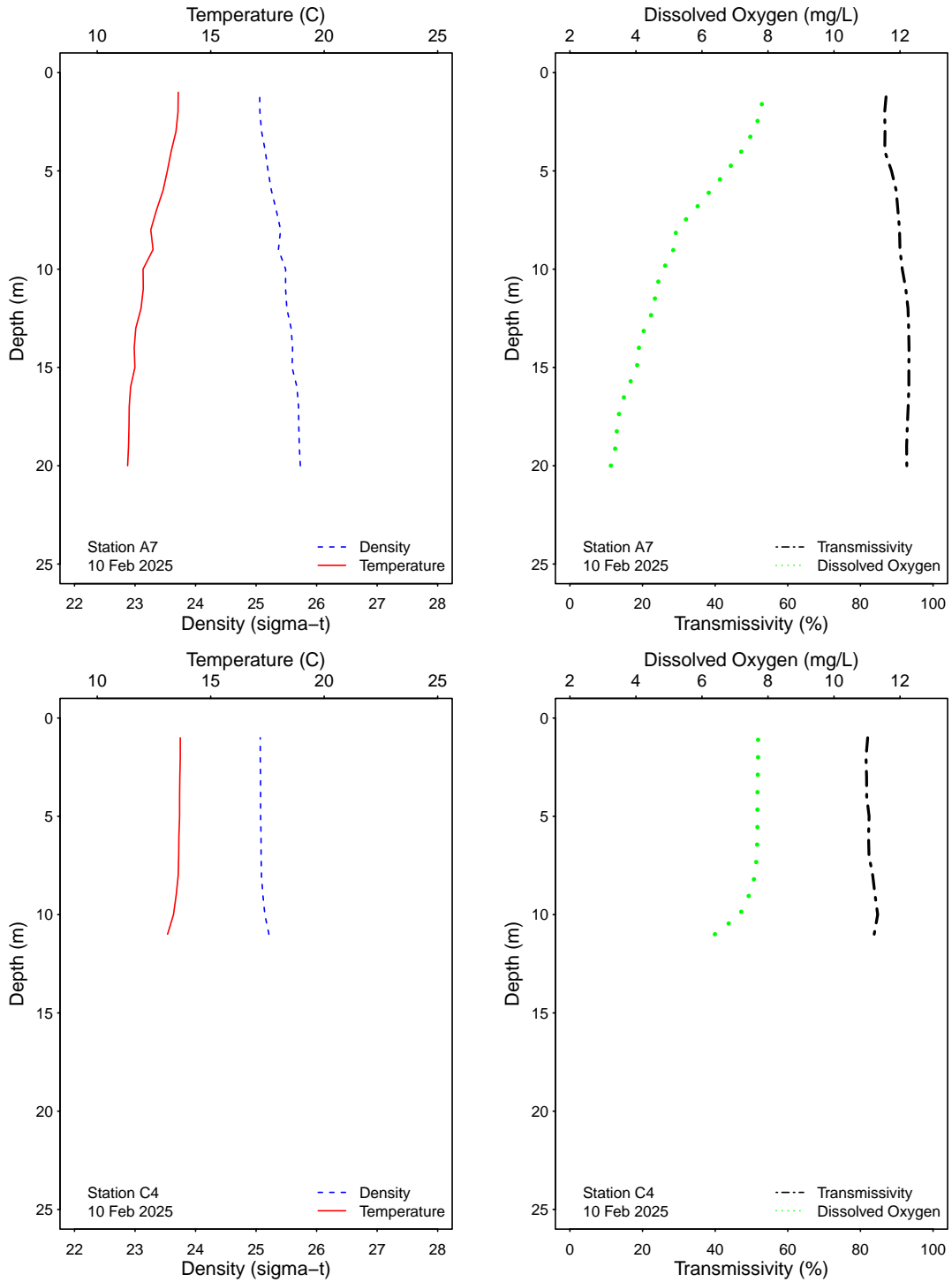


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

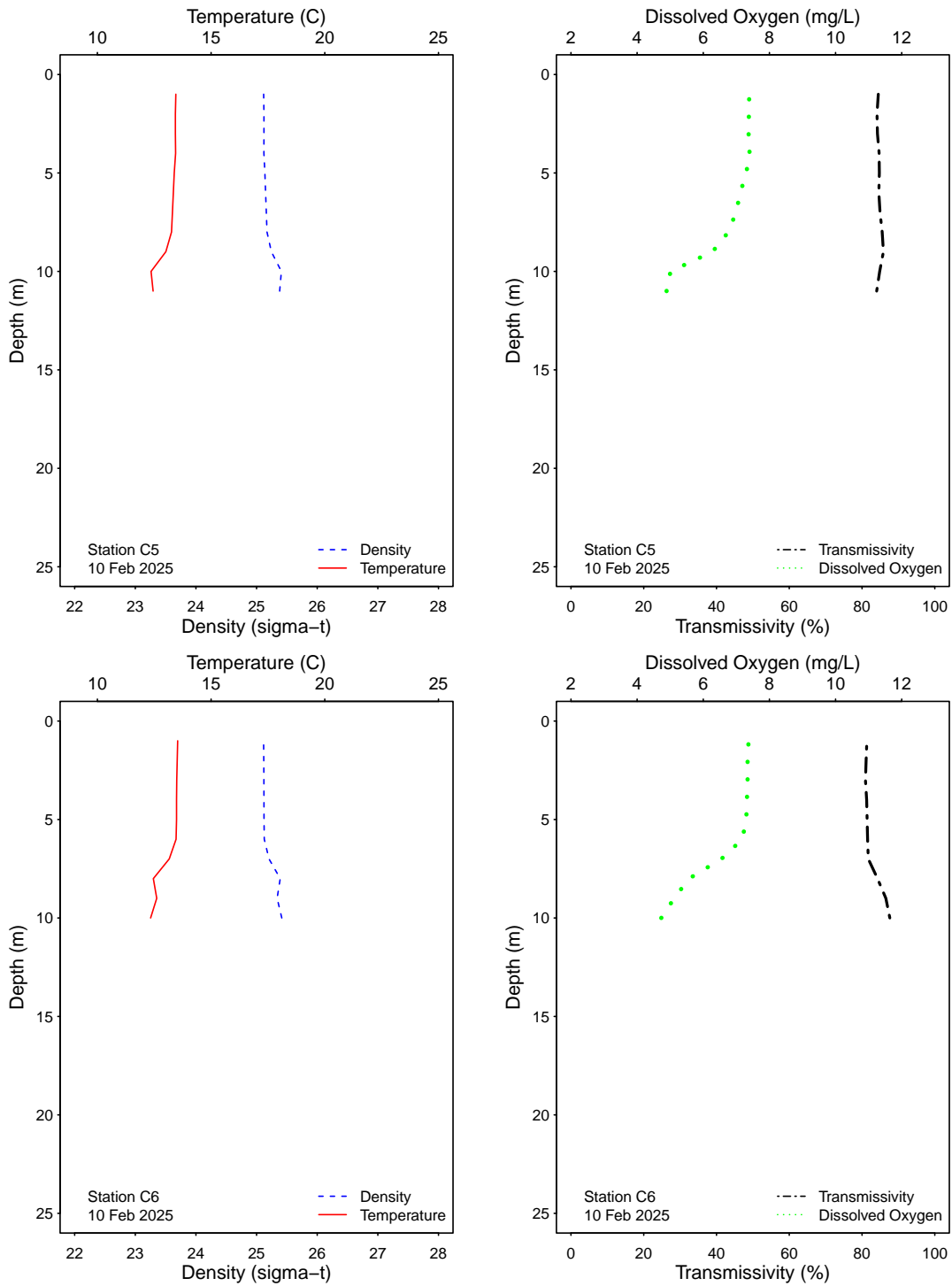


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

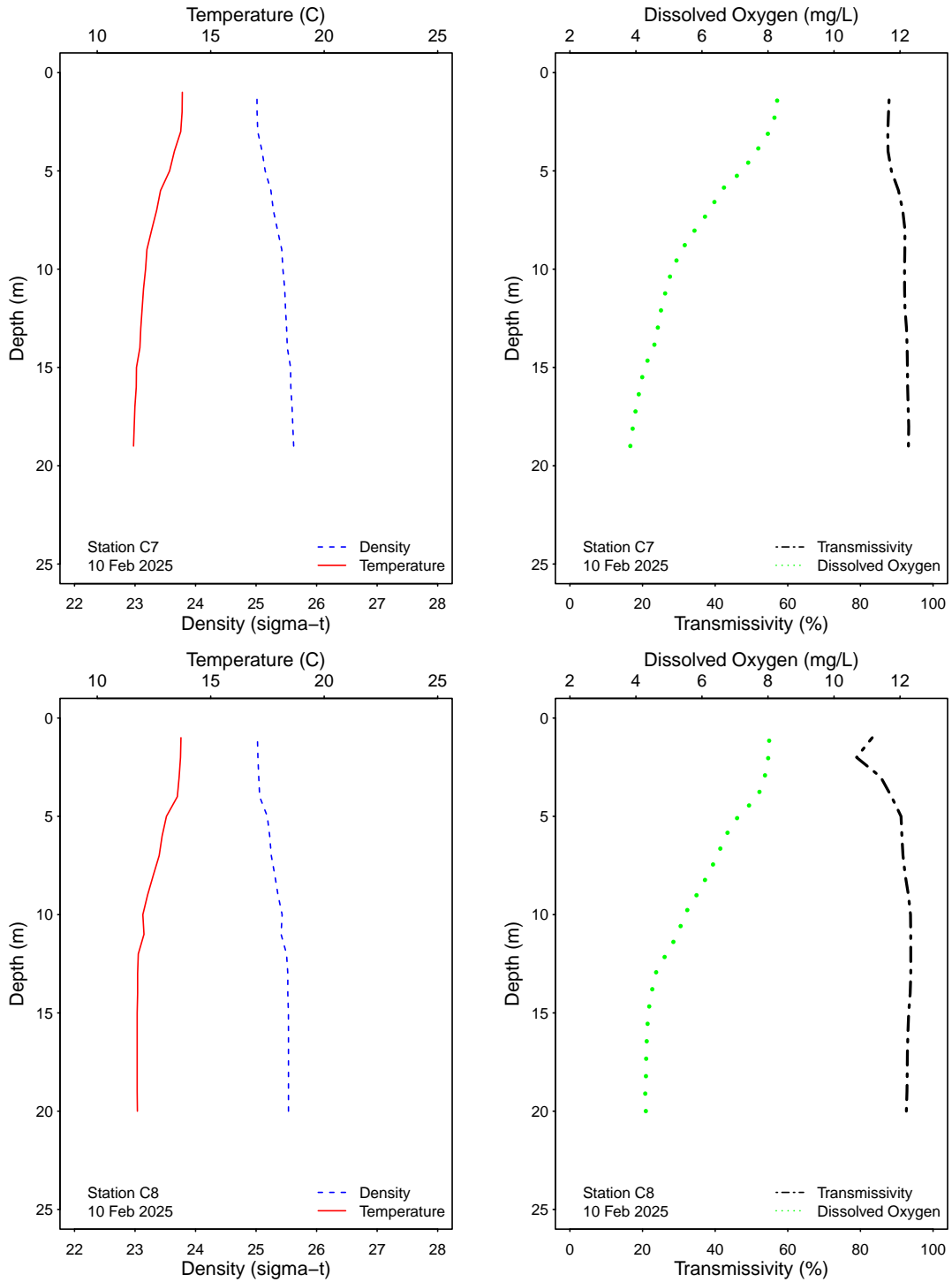


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.



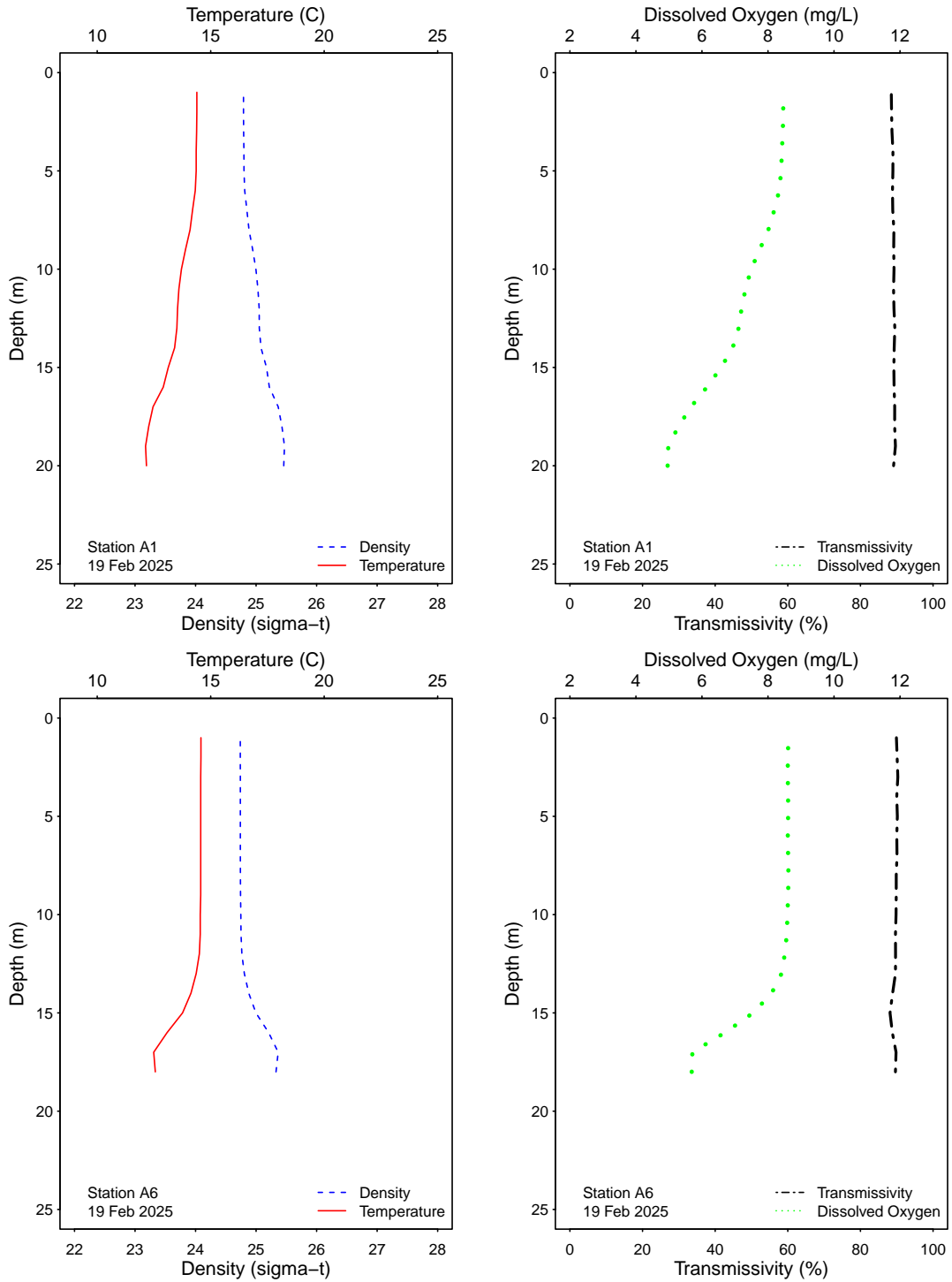


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

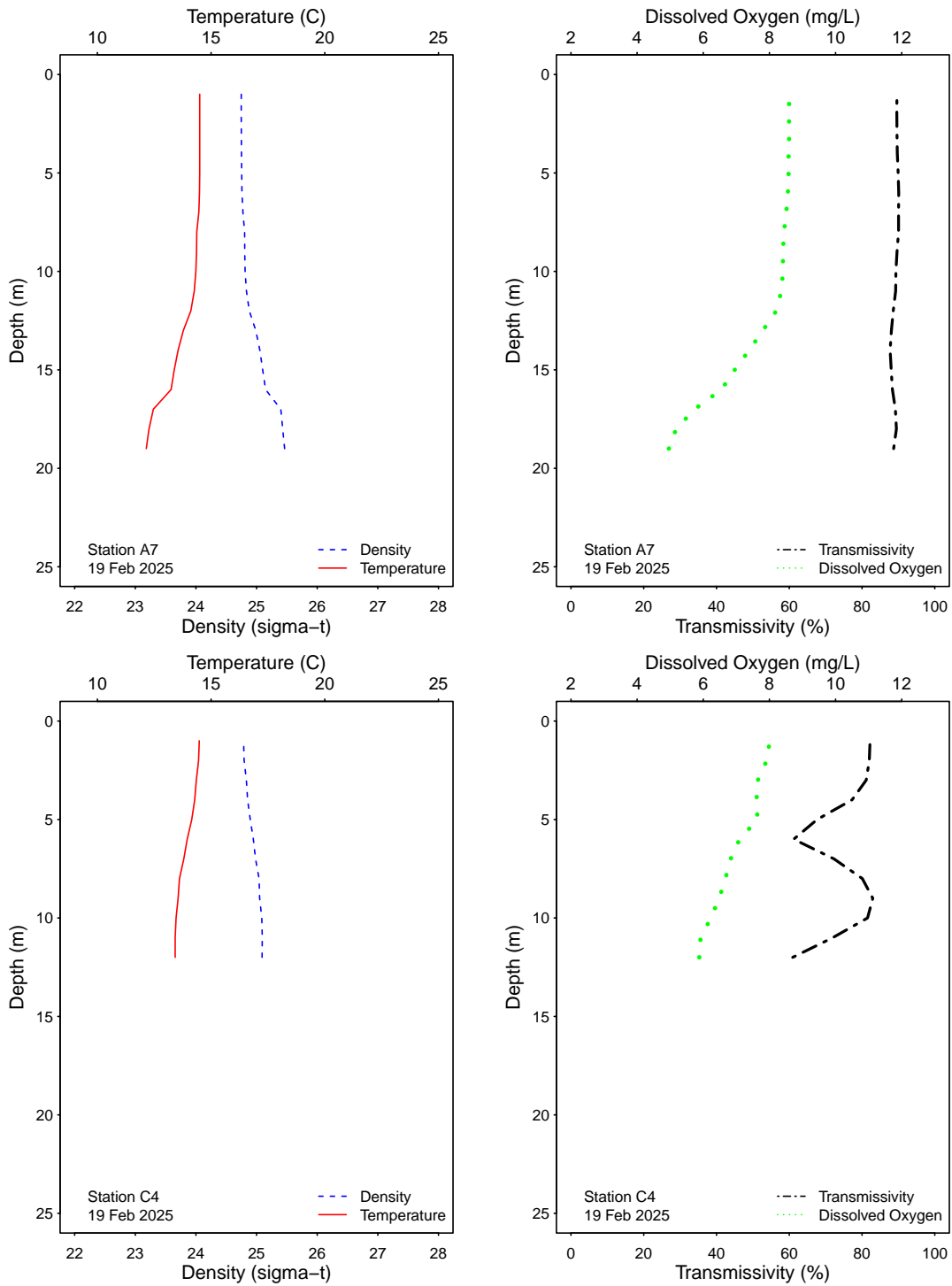


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

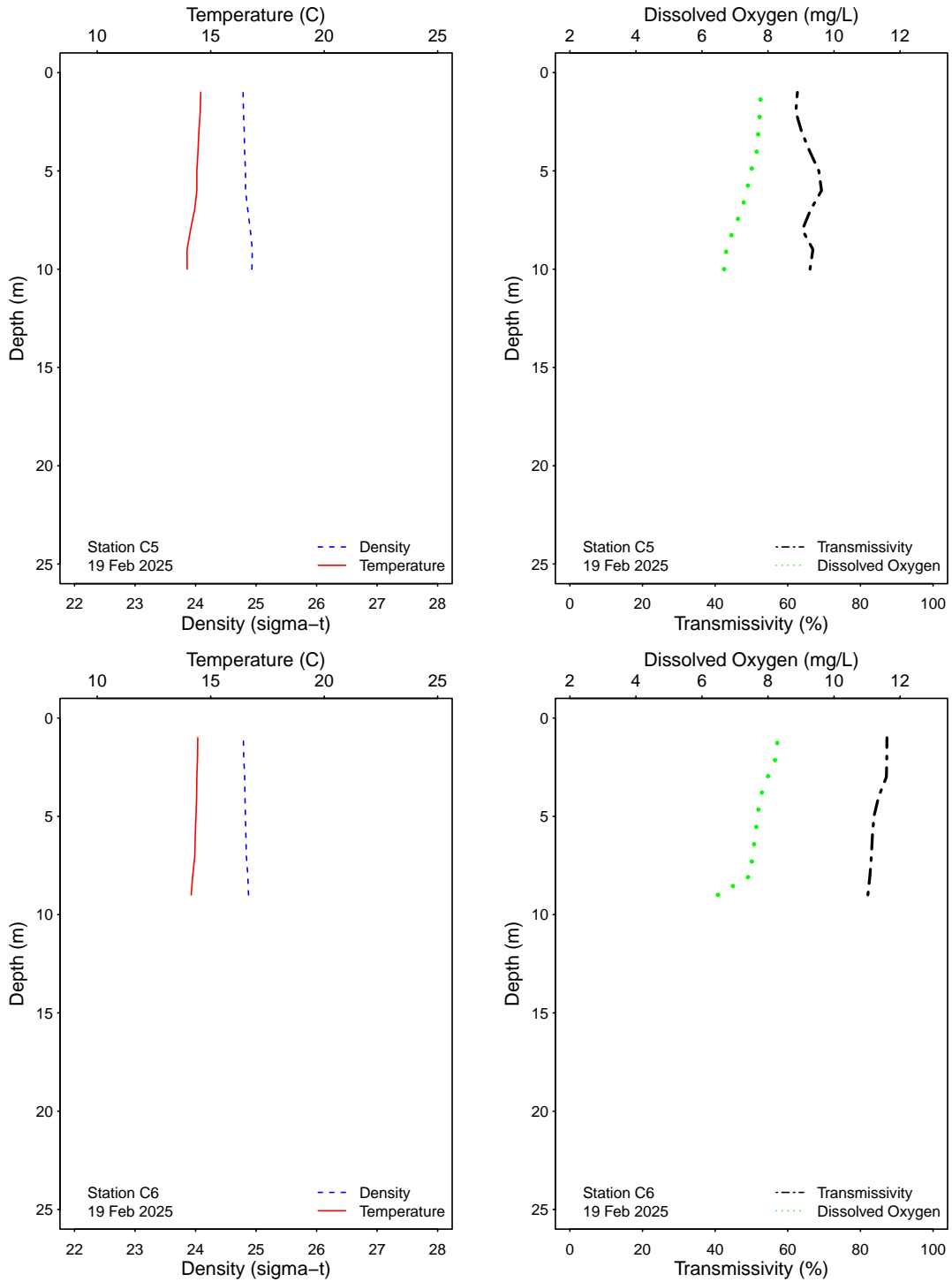


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

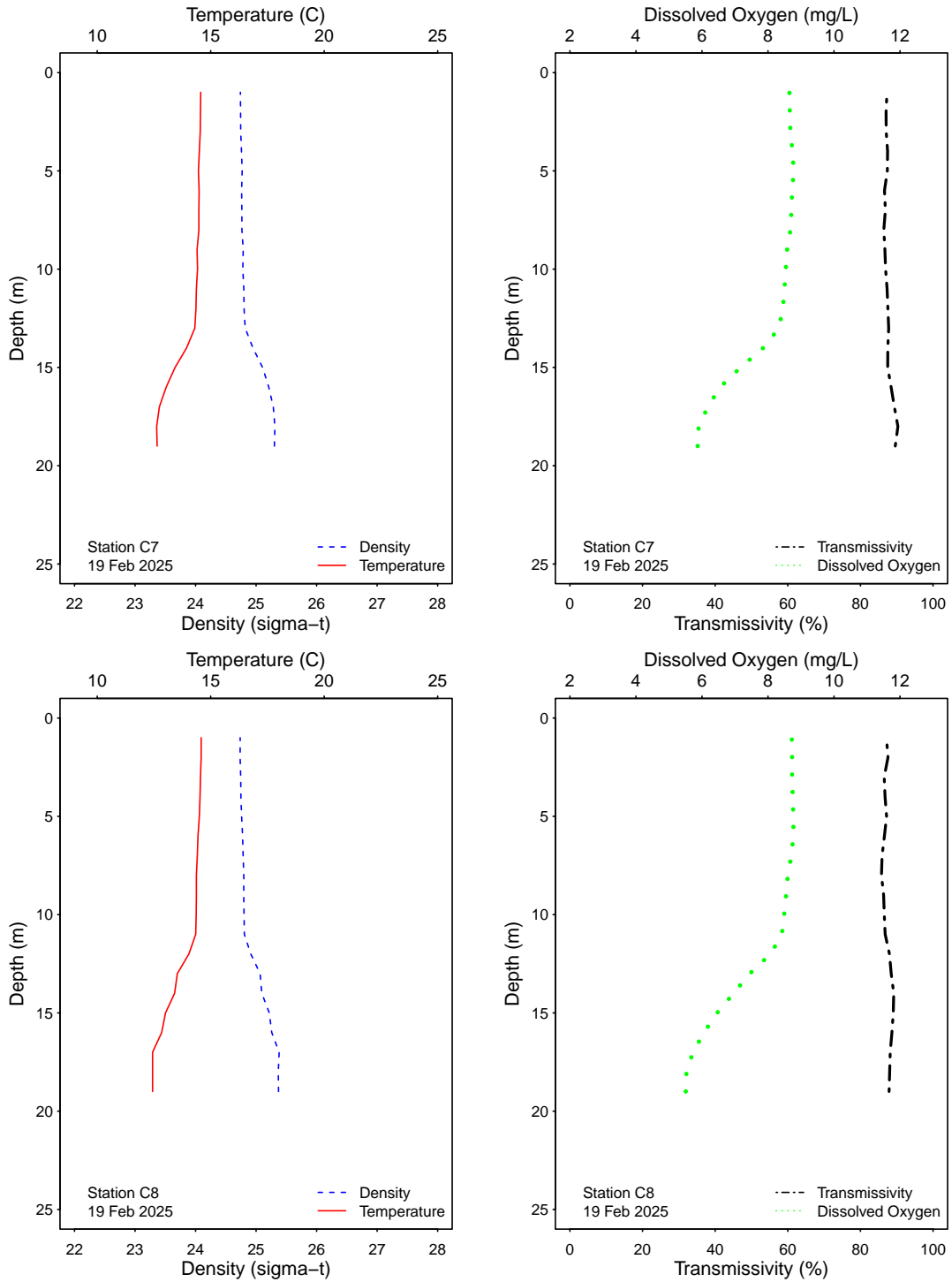


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

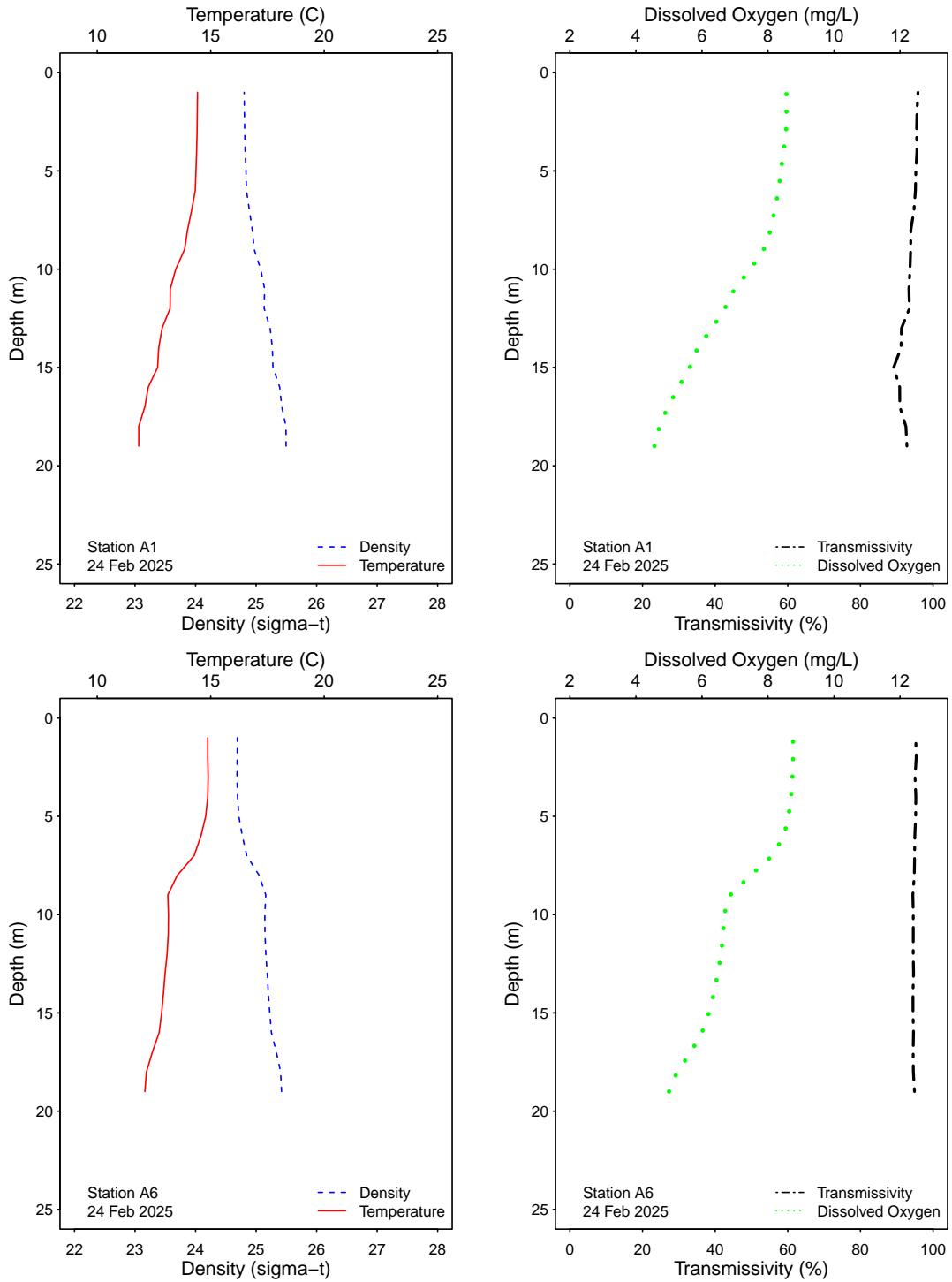


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

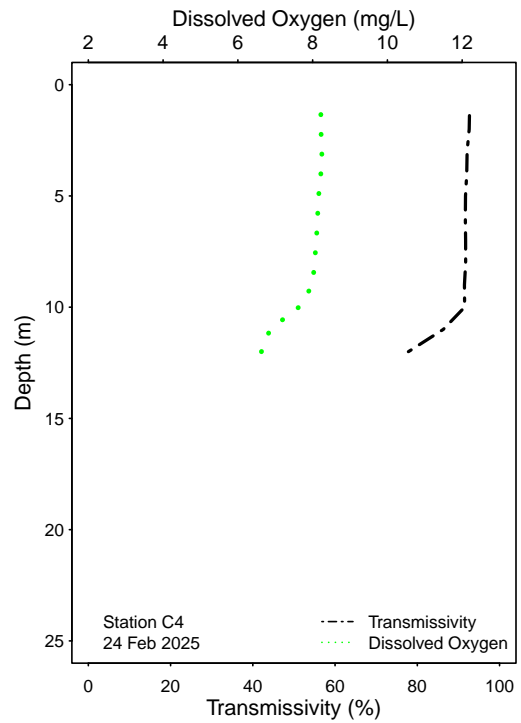
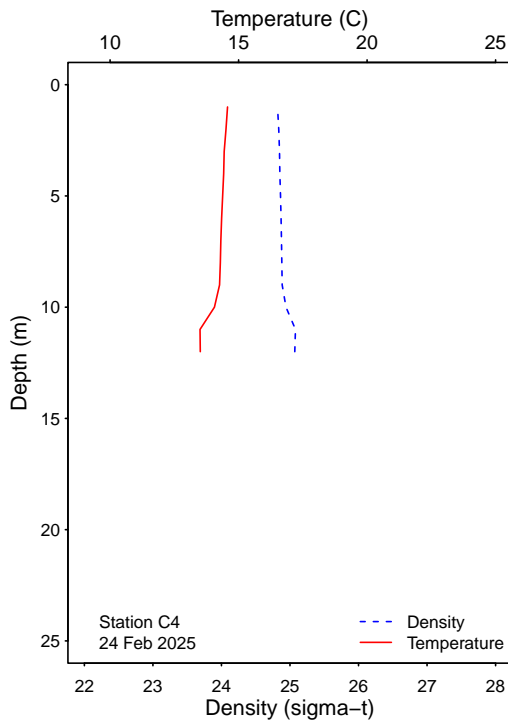
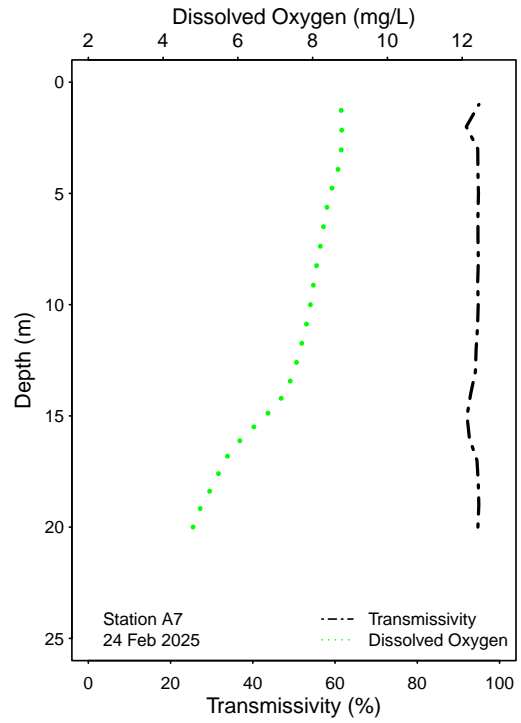
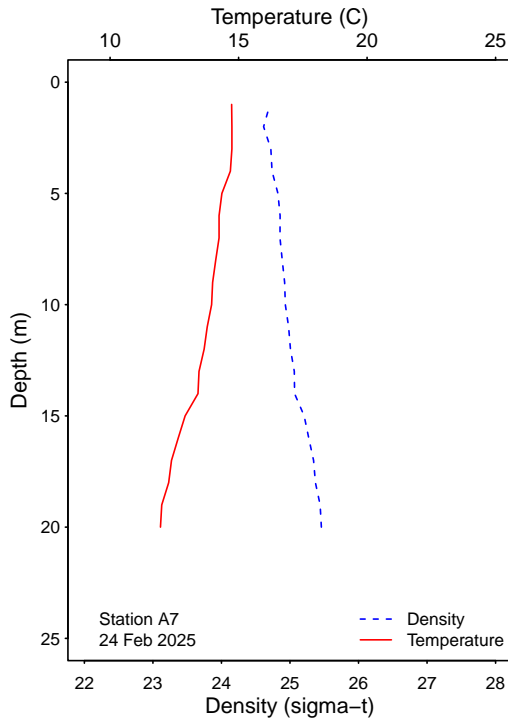


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

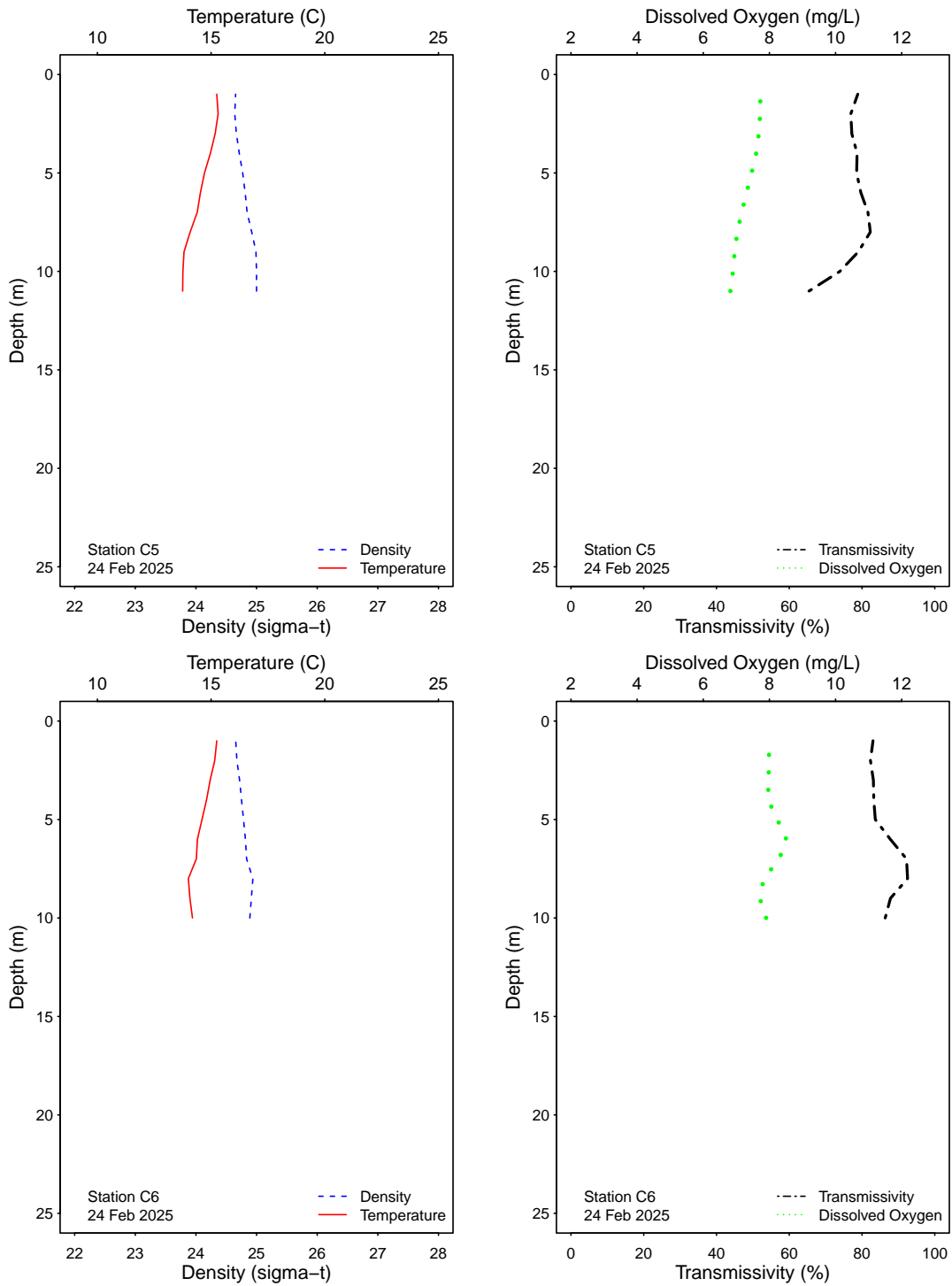


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

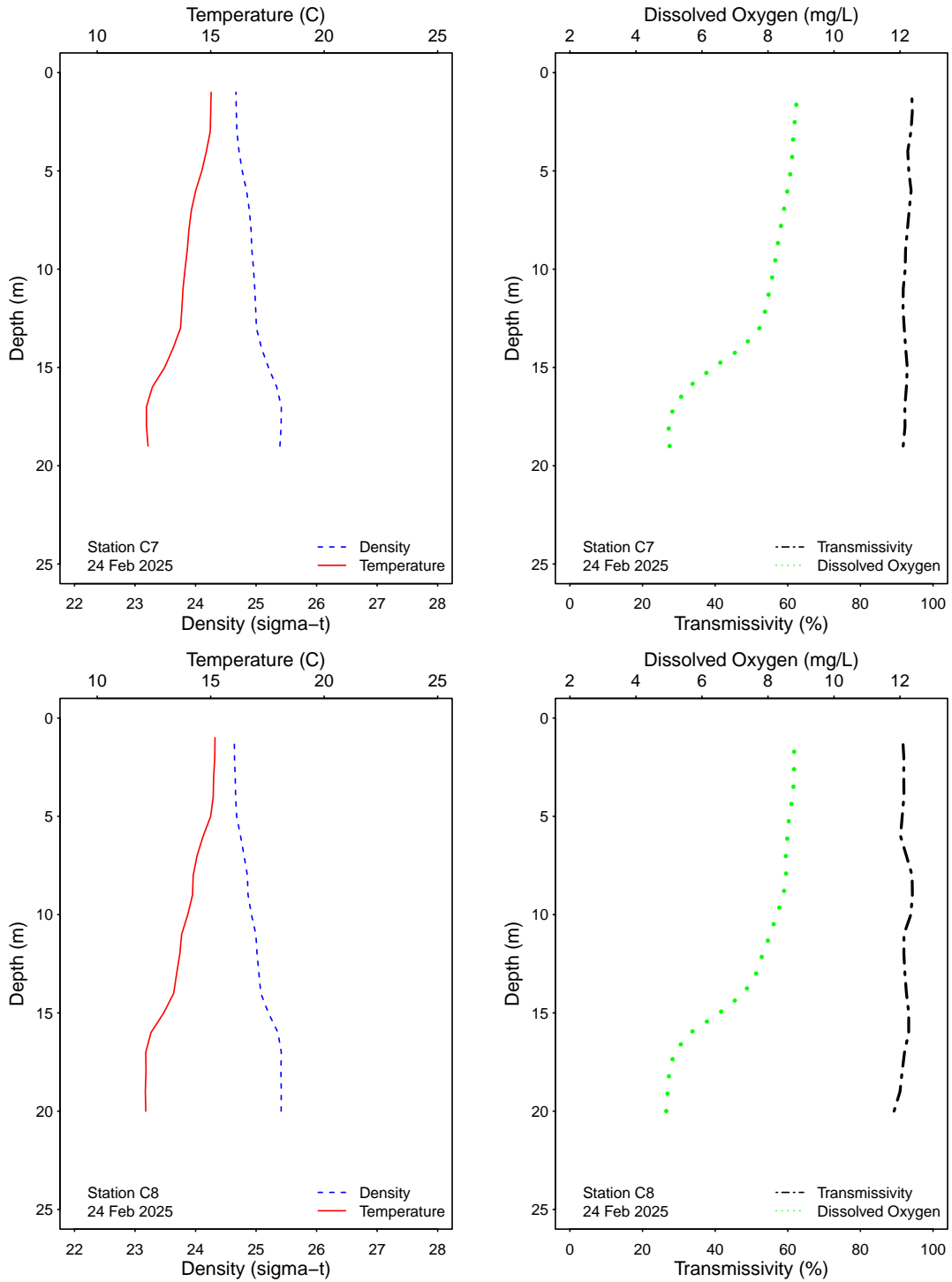


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.



# 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.

Date	F01	F02	F03	F06	F07	F08	F09	F10	F11	F12	F13	F14	F18	F19	F20
21 Feb 2025	IC	IC	IC	IC	IC	IC	IC	E	IC	IC	IC	IC	ns	ns	ns
22 Feb 2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	IC	IC	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	21 Feb 2025	1141	1	<2
F01	21 Feb 2025	1141	12	<2
F01	21 Feb 2025	1141	18	<2
F02	21 Feb 2025	840	1	2e
F02	21 Feb 2025	840	12	<2
F02	21 Feb 2025	840	18	2e
F03	21 Feb 2025	854	1	<2
F03	21 Feb 2025	854	12	2e
F03	21 Feb 2025	854	18	4e
F04	21 Feb 2025	1117	1	<2
F04	21 Feb 2025	1117	25	8e
F04	21 Feb 2025	1117	60	10e
F05	21 Feb 2025	1105	1	<2
F05	21 Feb 2025	1105	25	2e
F05	21 Feb 2025	1105	60	16e
F06	21 Feb 2025	1053	1	<2
F06	21 Feb 2025	1053	25	<2
F06	21 Feb 2025	1053	60	12e
F07	21 Feb 2025	1041	1	<2
F07	21 Feb 2025	1041	25	<2
F07	21 Feb 2025	1041	60	36e
F08	21 Feb 2025	1028	1	<2
F08	21 Feb 2025	1028	25	<2
F08	21 Feb 2025	1028	60	36e
F09	21 Feb 2025	1017	1	<2
F09	21 Feb 2025	1017	25	<2
F09	21 Feb 2025	1017	60	84
F10	21 Feb 2025	1003	1	<2
F10	21 Feb 2025	1003	25	<2
F10	21 Feb 2025	1003	60	140e
F11	21 Feb 2025	957	1	<2
F11	21 Feb 2025	957	25	<2
F11	21 Feb 2025	957	60	56
F12	21 Feb 2025	938	1	<2
F12	21 Feb 2025	938	25	<2
F12	21 Feb 2025	938	60	64
F13	21 Feb 2025	922	1	<2
F13	21 Feb 2025	922	25	<2
F13	21 Feb 2025	922	60	18e

Station	Date	Time	Depth	Entero
F14	21 Feb 2025	910	1	<2
F14	21 Feb 2025	910	25	<2
F14	21 Feb 2025	910	60	16e
F15	22 Feb 2025	1114	1	<2
F15	22 Feb 2025	1114	25	<2
F15	22 Feb 2025	1114	60	90
F15	22 Feb 2025	1114	80	2e
F16	22 Feb 2025	1058	1	<2
F16	22 Feb 2025	1058	25	<2
F16	22 Feb 2025	1058	60	4e
F16	22 Feb 2025	1058	80	8e
F17	22 Feb 2025	1042	1	<2
F17	22 Feb 2025	1042	25	<2
F17	22 Feb 2025	1042	60	<2
F17	22 Feb 2025	1042	80	14e
F18	22 Feb 2025	1028	1	<2
F18	22 Feb 2025	1028	25	<2
F18	22 Feb 2025	1028	60	18e
F18	22 Feb 2025	1028	80	52
F19	22 Feb 2025	1012	1	<2
F19	22 Feb 2025	1012	25	<2
F19	22 Feb 2025	1012	60	50
F19	22 Feb 2025	1012	80	62
F20	22 Feb 2025	957	1	<2
F20	22 Feb 2025	957	25	<2
F20	22 Feb 2025	957	60	480
F20	22 Feb 2025	957	80	68
F21	22 Feb 2025	944	1	<2
F21	22 Feb 2025	944	25	<2
F21	22 Feb 2025	944	60	22e
F21	22 Feb 2025	944	80	200e
F22	22 Feb 2025	923	1	<2
F22	22 Feb 2025	923	25	<2
F22	22 Feb 2025	923	60	240e
F22	22 Feb 2025	923	80	180e
F23	22 Feb 2025	910	1	<2
F23	22 Feb 2025	910	25	<2
F23	22 Feb 2025	910	60	48
F23	22 Feb 2025	910	80	68
F24	22 Feb 2025	850	1	<2
F24	22 Feb 2025	850	25	<2
F24	22 Feb 2025	850	60	88
F24	22 Feb 2025	850	80	100
F25	22 Feb 2025	835	1	<2
F25	22 Feb 2025	835	25	<2
F25	22 Feb 2025	835	60	36e
F25	22 Feb 2025	835	80	86
F26	20 Feb 2025	1327	1	<2

Station	Date	Time	Depth	Entero
F26	20 Feb 2025	1327	25	<2
F26	20 Feb 2025	1327	60	18e
F26	20 Feb 2025	1327	80	52
F26	20 Feb 2025	1327	98	10e
F27	20 Feb 2025	1313	1	<2
F27	20 Feb 2025	1313	25	<2
F27	20 Feb 2025	1313	60	18e
F27	20 Feb 2025	1313	80	160e
F27	20 Feb 2025	1313	98	44
F28	20 Feb 2025	1254	1	<2
F28	20 Feb 2025	1254	25	<2
F28	20 Feb 2025	1254	60	<2
F28	20 Feb 2025	1254	80	6e
F28	20 Feb 2025	1254	98	96
F29	20 Feb 2025	1234	1	<2
F29	20 Feb 2025	1234	25	<2
F29	20 Feb 2025	1234	60	<2
F29	20 Feb 2025	1234	80	<2
F29	20 Feb 2025	1234	98	60
F30	20 Feb 2025	1212	1	<2
F30	20 Feb 2025	1212	25	<2
F30	20 Feb 2025	1212	60	6e
F30	20 Feb 2025	1212	80	120e
F30	20 Feb 2025	1212	98	<2
F31	20 Feb 2025	1109	1	<2
F31	20 Feb 2025	1109	25	<2
F31	20 Feb 2025	1109	60	6e
F31	20 Feb 2025	1109	80	<2
F31	20 Feb 2025	1109	98	<2
F32	20 Feb 2025	1053	1	<2
F32	20 Feb 2025	1053	25	<2
F32	20 Feb 2025	1053	60	10e
F32	20 Feb 2025	1053	80	<2
F32	20 Feb 2025	1053	98	<2
F33	20 Feb 2025	1038	1	<2
F33	20 Feb 2025	1038	25	<2
F33	20 Feb 2025	1038	60	8e
F33	20 Feb 2025	1038	80	<2
F33	20 Feb 2025	1038	98	<2
F34	20 Feb 2025	1024	1	<2
F34	20 Feb 2025	1024	25	2e
F34	20 Feb 2025	1024	60	<2
F34	20 Feb 2025	1024	80	64
F34	20 Feb 2025	1024	98	22e
F35	20 Feb 2025	954	1	<2
F35	20 Feb 2025	954	25	<2
F35	20 Feb 2025	954	60	14e
F35	20 Feb 2025	954	80	30e
F35	20 Feb 2025	954	98	2e
F36	20 Feb 2025	933	1	<2
F36	20 Feb 2025	933	25	<2

Station	Date	Time	Depth	Entero
F36	20 Feb 2025	933	60	<2
F36	20 Feb 2025	933	80	6e
F36	20 Feb 2025	933	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
F26	20 Feb 2025	Arrive Time	1327
F26	20 Feb 2025	Depart Time	1335
F26	20 Feb 2025	Air Temp (C)	14
F26	20 Feb 2025	Visibility (mi)	5
F26	20 Feb 2025	Wind Speed (kts)	1.9
F26	20 Feb 2025	Wind Dir	SE
F26	20 Feb 2025	Sea State	Regular Swell
F26	20 Feb 2025	High Tide Time	106
F26	20 Feb 2025	Low Tide Time	1006
F26	20 Feb 2025	Comments	
F15	22 Feb 2025	Arrive Time	1114
F15	22 Feb 2025	Depart Time	1124
F15	22 Feb 2025	Air Temp (C)	13.3
F15	22 Feb 2025	Visibility (mi)	9
F15	22 Feb 2025	Wind Speed (kts)	7.1
F15	22 Feb 2025	Wind Dir	W
F15	22 Feb 2025	Sea State	Calm
F15	22 Feb 2025	High Tide Time	412
F15	22 Feb 2025	Low Tide Time	1218
F15	22 Feb 2025	Comments	Niskin 6 failed to fire- used niskin 1 for 1m OA sample. OA 1m Btl# 2502119642 Nsk# 1;OA 80m Btl# 2502339643 Nsk# 5;
F04	21 Feb 2025	Arrive Time	1117
F04	21 Feb 2025	Depart Time	1121
F04	21 Feb 2025	Air Temp (C)	13.2
F04	21 Feb 2025	Visibility (mi)	5
F04	21 Feb 2025	Wind Speed (kts)	2.6
F04	21 Feb 2025	Wind Dir	S
F04	21 Feb 2025	Sea State	Wind Ripples
F04	21 Feb 2025	High Tide Time	230
F04	21 Feb 2025	Low Tide Time	1136
F04	21 Feb 2025	Comments	
F05	21 Feb 2025	Arrive Time	1105
F05	21 Feb 2025	Depart Time	1109
F05	21 Feb 2025	Air Temp (C)	13.5
F05	21 Feb 2025	Visibility (mi)	5
F05	21 Feb 2025	Wind Speed (kts)	1.7
F05	21 Feb 2025	Wind Dir	W
F05	21 Feb 2025	Sea State	Wind Ripples
F05	21 Feb 2025	High Tide Time	230
F05	21 Feb 2025	Low Tide Time	1136
F05	21 Feb 2025	Comments	
F27	20 Feb 2025	Arrive Time	1313
F27	20 Feb 2025	Depart Time	1320
F27	20 Feb 2025	Air Temp (C)	14.8
F27	20 Feb 2025	Visibility (mi)	5
F27	20 Feb 2025	Wind Speed (kts)	1.6
F27	20 Feb 2025	Wind Dir	S
F27	20 Feb 2025	Sea State	Regular Swell
F27	20 Feb 2025	High Tide Time	106
F27	20 Feb 2025	Low Tide Time	1006
F27	20 Feb 2025	Comments	



Station	Date	Parameter	Value
F16	22 Feb 2025	Arrive Time	1058
F16	22 Feb 2025	Depart Time	1105
F16	22 Feb 2025	Air Temp (C)	13.4
F16	22 Feb 2025	Visibility (mi)	9
F16	22 Feb 2025	Wind Speed (kts)	6
F16	22 Feb 2025	Wind Dir	W
F16	22 Feb 2025	Sea State	Calm
F16	22 Feb 2025	High Tide Time	412
F16	22 Feb 2025	Low Tide Time	1218
F16	22 Feb 2025	Comments	
F28	20 Feb 2025	Arrive Time	1254
F28	20 Feb 2025	Depart Time	1305
F28	20 Feb 2025	Air Temp (C)	13.8
F28	20 Feb 2025	Visibility (mi)	5
F28	20 Feb 2025	Wind Speed (kts)	0
F28	20 Feb 2025	Wind Dir	NE
F28	20 Feb 2025	Sea State	Regular Swell
F28	20 Feb 2025	High Tide Time	106
F28	20 Feb 2025	Low Tide Time	1006
F28	20 Feb 2025	Comments	
F17	22 Feb 2025	Arrive Time	1042
F17	22 Feb 2025	Depart Time	1056
F17	22 Feb 2025	Air Temp (C)	13.9
F17	22 Feb 2025	Visibility (mi)	9
F17	22 Feb 2025	Wind Speed (kts)	5.8
F17	22 Feb 2025	Wind Dir	W
F17	22 Feb 2025	Sea State	Calm
F17	22 Feb 2025	High Tide Time	412
F17	22 Feb 2025	Low Tide Time	1218
F17	22 Feb 2025	Comments	
F06	21 Feb 2025	Arrive Time	1053
F06	21 Feb 2025	Depart Time	1057
F06	21 Feb 2025	Air Temp (C)	13.1
F06	21 Feb 2025	Visibility (mi)	5
F06	21 Feb 2025	Wind Speed (kts)	1.8
F06	21 Feb 2025	Wind Dir	SW
F06	21 Feb 2025	Sea State	Wind Ripples
F06	21 Feb 2025	High Tide Time	230
F06	21 Feb 2025	Low Tide Time	1136
F06	21 Feb 2025	Comments	
F01	21 Feb 2025	Arrive Time	1141
F01	21 Feb 2025	Depart Time	1149
F01	21 Feb 2025	Air Temp (C)	13.4
F01	21 Feb 2025	Visibility (mi)	5
F01	21 Feb 2025	Wind Speed (kts)	3.9
F01	21 Feb 2025	Wind Dir	SW
F01	21 Feb 2025	Sea State	Wind Ripples
F01	21 Feb 2025	High Tide Time	230
F01	21 Feb 2025	Low Tide Time	1136
F01	21 Feb 2025	Comments	Kelp Debris
F29	20 Feb 2025	Arrive Time	1234
F29	20 Feb 2025	Depart Time	1253
F29	20 Feb 2025	Air Temp (C)	13.3
F29	20 Feb 2025	Visibility (mi)	5
F29	20 Feb 2025	Wind Speed (kts)	1.1
F29	20 Feb 2025	Wind Dir	E

Station	Date	Parameter	Value
F29	20 Feb 2025	Sea State	Regular Swell
F29	20 Feb 2025	High Tide Time	106
F29	20 Feb 2025	Low Tide Time	1006
F29	20 Feb 2025	Comments	
F18	22 Feb 2025	Arrive Time	1028
F18	22 Feb 2025	Depart Time	1036
F18	22 Feb 2025	Air Temp (C)	13.4
F18	22 Feb 2025	Visibility (mi)	9
F18	22 Feb 2025	Wind Speed (kts)	5.4
F18	22 Feb 2025	Wind Dir	W
F18	22 Feb 2025	Sea State	Calm
F18	22 Feb 2025	High Tide Time	412
F18	22 Feb 2025	Low Tide Time	1218
F18	22 Feb 2025	Comments	
F07	21 Feb 2025	Arrive Time	1041
F07	21 Feb 2025	Depart Time	1045
F07	21 Feb 2025	Air Temp (C)	13
F07	21 Feb 2025	Visibility (mi)	5
F07	21 Feb 2025	Wind Speed (kts)	1.6
F07	21 Feb 2025	Wind Dir	W
F07	21 Feb 2025	Sea State	Wind Ripples
F07	21 Feb 2025	High Tide Time	230
F07	21 Feb 2025	Low Tide Time	1136
F07	21 Feb 2025	Comments	Kelp Debris; Seagrass
F30	20 Feb 2025	Arrive Time	1212
F30	20 Feb 2025	Depart Time	1220
F30	20 Feb 2025	Air Temp (C)	13.4
F30	20 Feb 2025	Visibility (mi)	5
F30	20 Feb 2025	Wind Speed (kts)	0
F30	20 Feb 2025	Wind Dir	S
F30	20 Feb 2025	Sea State	Regular Swell
F30	20 Feb 2025	High Tide Time	106
F30	20 Feb 2025	Low Tide Time	1006
F30	20 Feb 2025	Comments	
F19	22 Feb 2025	Arrive Time	1012
F19	22 Feb 2025	Depart Time	1028
F19	22 Feb 2025	Air Temp (C)	13.4
F19	22 Feb 2025	Visibility (mi)	9
F19	22 Feb 2025	Wind Speed (kts)	1.3
F19	22 Feb 2025	Wind Dir	NW
F19	22 Feb 2025	Sea State	Calm
F19	22 Feb 2025	High Tide Time	412
F19	22 Feb 2025	Low Tide Time	1218
F19	22 Feb 2025	Comments	
F08	21 Feb 2025	Arrive Time	1028
F08	21 Feb 2025	Depart Time	1032
F08	21 Feb 2025	Air Temp (C)	12.8
F08	21 Feb 2025	Visibility (mi)	5
F08	21 Feb 2025	Wind Speed (kts)	2.4
F08	21 Feb 2025	Wind Dir	NW
F08	21 Feb 2025	Sea State	Wind Ripples
F08	21 Feb 2025	High Tide Time	230
F08	21 Feb 2025	Low Tide Time	1136
F08	21 Feb 2025	Comments	
F31	20 Feb 2025	Arrive Time	1109

Station	Date	Parameter	Value
F31	20 Feb 2025	Depart Time	1118
F31	20 Feb 2025	Air Temp (C)	13.5
F31	20 Feb 2025	Visibility (mi)	5
F31	20 Feb 2025	Wind Speed (kts)	2.7
F31	20 Feb 2025	Wind Dir	E
F31	20 Feb 2025	Sea State	Regular Swell
F31	20 Feb 2025	High Tide Time	106
F31	20 Feb 2025	Low Tide Time	1006
F31	20 Feb 2025	Comments	
F20	22 Feb 2025	Arrive Time	957
F20	22 Feb 2025	Depart Time	1005
F20	22 Feb 2025	Air Temp (C)	12.8
F20	22 Feb 2025	Visibility (mi)	9
F20	22 Feb 2025	Wind Speed (kts)	4.5
F20	22 Feb 2025	Wind Dir	W
F20	22 Feb 2025	Sea State	Calm
F20	22 Feb 2025	High Tide Time	412
F20	22 Feb 2025	Low Tide Time	1218
F20	22 Feb 2025	Comments	
F09	21 Feb 2025	Arrive Time	1017
F09	21 Feb 2025	Depart Time	1021
F09	21 Feb 2025	Air Temp (C)	12.4
F09	21 Feb 2025	Visibility (mi)	2
F09	21 Feb 2025	Wind Speed (kts)	2
F09	21 Feb 2025	Wind Dir	W
F09	21 Feb 2025	Sea State	Wind Ripples
F09	21 Feb 2025	High Tide Time	230
F09	21 Feb 2025	Low Tide Time	1136
F09	21 Feb 2025	Comments	
F32	20 Feb 2025	Arrive Time	1053
F32	20 Feb 2025	Depart Time	1100
F32	20 Feb 2025	Air Temp (C)	12.9
F32	20 Feb 2025	Visibility (mi)	5
F32	20 Feb 2025	Wind Speed (kts)	2.8
F32	20 Feb 2025	Wind Dir	NE
F32	20 Feb 2025	Sea State	Regular Swell
F32	20 Feb 2025	High Tide Time	106
F32	20 Feb 2025	Low Tide Time	1006
F32	20 Feb 2025	Comments	
F21	22 Feb 2025	Arrive Time	944
F21	22 Feb 2025	Depart Time	948
F21	22 Feb 2025	Air Temp (C)	13.1
F21	22 Feb 2025	Visibility (mi)	9
F21	22 Feb 2025	Wind Speed (kts)	0.9
F21	22 Feb 2025	Wind Dir	NE
F21	22 Feb 2025	Sea State	Calm
F21	22 Feb 2025	High Tide Time	412
F21	22 Feb 2025	Low Tide Time	1218
F21	22 Feb 2025	Comments	
F10	21 Feb 2025	Arrive Time	1003
F10	21 Feb 2025	Depart Time	1008
F10	21 Feb 2025	Air Temp (C)	12.4
F10	21 Feb 2025	Visibility (mi)	2
F10	21 Feb 2025	Wind Speed (kts)	2.2
F10	21 Feb 2025	Wind Dir	S
F10	21 Feb 2025	Sea State	Wind Ripples

Station	Date	Parameter	Value
F10	21 Feb 2025	High Tide Time	230
F10	21 Feb 2025	Low Tide Time	1136
F10	21 Feb 2025	Comments	
F33	20 Feb 2025	Arrive Time	1038
F33	20 Feb 2025	Depart Time	1045
F33	20 Feb 2025	Air Temp (C)	13.3
F33	20 Feb 2025	Visibility (mi)	5
F33	20 Feb 2025	Wind Speed (kts)	1.9
F33	20 Feb 2025	Wind Dir	SE
F33	20 Feb 2025	Sea State	Regular Swell
F33	20 Feb 2025	High Tide Time	106
F33	20 Feb 2025	Low Tide Time	1006
F33	20 Feb 2025	Comments	
F22	22 Feb 2025	Arrive Time	923
F22	22 Feb 2025	Depart Time	933
F22	22 Feb 2025	Air Temp (C)	12.6
F22	22 Feb 2025	Visibility (mi)	9
F22	22 Feb 2025	Wind Speed (kts)	6.4
F22	22 Feb 2025	Wind Dir	SE
F22	22 Feb 2025	Sea State	Calm
F22	22 Feb 2025	High Tide Time	412
F22	22 Feb 2025	Low Tide Time	1218
F22	22 Feb 2025	Comments	
F11	21 Feb 2025	Arrive Time	951
F11	21 Feb 2025	Depart Time	1000
F11	21 Feb 2025	Air Temp (C)	11.9
F11	21 Feb 2025	Visibility (mi)	0
F11	21 Feb 2025	Wind Speed (kts)	2.2
F11	21 Feb 2025	Wind Dir	W
F11	21 Feb 2025	Sea State	Wind Ripples
F11	21 Feb 2025	High Tide Time	230
F11	21 Feb 2025	Low Tide Time	1136
F11	21 Feb 2025	Comments	
F34	20 Feb 2025	Arrive Time	1024
F34	20 Feb 2025	Depart Time	1031
F34	20 Feb 2025	Air Temp (C)	13.2
F34	20 Feb 2025	Visibility (mi)	1
F34	20 Feb 2025	Wind Speed (kts)	0
F34	20 Feb 2025	Wind Dir	SE
F34	20 Feb 2025	Sea State	Regular Swell
F34	20 Feb 2025	High Tide Time	106
F34	20 Feb 2025	Low Tide Time	1006
F34	20 Feb 2025	Comments	
F12	21 Feb 2025	Arrive Time	938
F12	21 Feb 2025	Depart Time	943
F12	21 Feb 2025	Air Temp (C)	12
F12	21 Feb 2025	Visibility (mi)	0
F12	21 Feb 2025	Wind Speed (kts)	2.8
F12	21 Feb 2025	Wind Dir	W
F12	21 Feb 2025	Sea State	Wind Ripples
F12	21 Feb 2025	High Tide Time	230
F12	21 Feb 2025	Low Tide Time	1136
F12	21 Feb 2025	Comments	
F02	21 Feb 2025	Arrive Time	840
F02	21 Feb 2025	Depart Time	844

Station	Date	Parameter	Value
F02	21 Feb 2025	Air Temp (C)	11.9
F02	21 Feb 2025	Visibility (mi)	0
F02	21 Feb 2025	Wind Speed (kts)	0.8
F02	21 Feb 2025	Wind Dir	N
F02	21 Feb 2025	Sea State	Wind Ripples
F02	21 Feb 2025	High Tide Time	230
F02	21 Feb 2025	Low Tide Time	1136
F02	21 Feb 2025	Comments	
F35	20 Feb 2025	Arrive Time	954
F35	20 Feb 2025	Depart Time	1023
F35	20 Feb 2025	Air Temp (C)	12.6
F35	20 Feb 2025	Visibility (mi)	1
F35	20 Feb 2025	Wind Speed (kts)	4.8
F35	20 Feb 2025	Wind Dir	NE
F35	20 Feb 2025	Sea State	Regular Swell
F35	20 Feb 2025	High Tide Time	106
F35	20 Feb 2025	Low Tide Time	1006
F35	20 Feb 2025	Comments	Niskin 6 did not fire so did 2nd cast with .btl file for 1m only OA 1m Btl# 2502139644 Nsk# 2*;OA 60m Btl# 2502139645 Nsk# 4;OA 100m Btl# 2502139646 Nsk# 1;OA 100m-dup Btl# 2502139647 Nsk# 2;
F24	22 Feb 2025	Arrive Time	850
F24	22 Feb 2025	Depart Time	905
F24	22 Feb 2025	Air Temp (C)	11.3
F24	22 Feb 2025	Visibility (mi)	0
F24	22 Feb 2025	Wind Speed (kts)	0.9
F24	22 Feb 2025	Wind Dir	N
F24	22 Feb 2025	Sea State	Calm
F24	22 Feb 2025	High Tide Time	412
F24	22 Feb 2025	Low Tide Time	1218
F24	22 Feb 2025	Comments	1m bin flagged out but data are present. Removed flags for IGODS file.
F13	21 Feb 2025	Arrive Time	922
F13	21 Feb 2025	Depart Time	937
F13	21 Feb 2025	Air Temp (C)	11.7
F13	21 Feb 2025	Visibility (mi)	0
F13	21 Feb 2025	Wind Speed (kts)	1
F13	21 Feb 2025	Wind Dir	NW
F13	21 Feb 2025	Sea State	Wind Ripples
F13	21 Feb 2025	High Tide Time	230
F13	21 Feb 2025	Low Tide Time	1136
F13	21 Feb 2025	Comments	Seagrass OA 1m Btl# 2502129641 Nsk# 4;OA 60m Btl# 2502129642 Nsk# 1;
F36	20 Feb 2025	Arrive Time	933
F36	20 Feb 2025	Depart Time	945
F36	20 Feb 2025	Air Temp (C)	12.3
F36	20 Feb 2025	Visibility (mi)	1
F36	20 Feb 2025	Wind Speed (kts)	2.3
F36	20 Feb 2025	Wind Dir	E
F36	20 Feb 2025	Sea State	Regular Swell
F36	20 Feb 2025	High Tide Time	106
F36	20 Feb 2025	Low Tide Time	1006
F36	20 Feb 2025	Comments	
F25	22 Feb 2025	Arrive Time	835
F25	22 Feb 2025	Depart Time	842
F25	22 Feb 2025	Air Temp (C)	11.4

Station	Date	Parameter	Value
F25	22 Feb 2025	Visibility (mi)	0
F25	22 Feb 2025	Wind Speed (kts)	1.3
F25	22 Feb 2025	Wind Dir	NW
F25	22 Feb 2025	Sea State	Calm
F25	22 Feb 2025	High Tide Time	412
F25	22 Feb 2025	Low Tide Time	1218
F25	22 Feb 2025	Comments	Started surface par mid cast. Okayed by PAR SME CL.
F14	21 Feb 2025	Arrive Time	910
F14	21 Feb 2025	Depart Time	914
F14	21 Feb 2025	Air Temp (C)	11.9
F14	21 Feb 2025	Visibility (mi)	0
F14	21 Feb 2025	Wind Speed (kts)	1
F14	21 Feb 2025	Wind Dir	N
F14	21 Feb 2025	Sea State	Wind Ripples
F14	21 Feb 2025	High Tide Time	230
F14	21 Feb 2025	Low Tide Time	1136
F14	21 Feb 2025	Comments	
F03	21 Feb 2025	Arrive Time	854
F03	21 Feb 2025	Depart Time	857
F03	21 Feb 2025	Air Temp (C)	11.8
F03	21 Feb 2025	Visibility (mi)	0
F03	21 Feb 2025	Wind Speed (kts)	5.9
F03	21 Feb 2025	Wind Dir	W
F03	21 Feb 2025	Sea State	Wind Ripples
F03	21 Feb 2025	High Tide Time	230
F03	21 Feb 2025	Low Tide Time	1136
F03	21 Feb 2025	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)
F26	20 Feb 2025	1	14.83	92.40	8.5	33.36	8.1	24.7	0.21
F26	20 Feb 2025	2	14.72	92.23	8.5	33.35	8.1	24.8	0.21
F26	20 Feb 2025	3	14.62	92.15	8.5	33.35	8.1	24.8	0.23
F26	20 Feb 2025	4	14.60	92.14	8.5	33.35	8.1	24.8	0.25
F26	20 Feb 2025	5	14.54	92.03	8.6	33.35	8.1	24.8	0.29
F26	20 Feb 2025	6	14.52	91.54	8.6	33.34	8.1	24.8	0.41
F26	20 Feb 2025	7	14.48	91.43	8.6	33.35	8.1	24.8	0.46
F26	20 Feb 2025	8	14.44	91.22	8.6	33.35	8.1	24.8	0.53
F26	20 Feb 2025	9	14.43	91.23	8.6	33.35	8.1	24.8	0.60
F26	20 Feb 2025	10	14.42	91.48	8.6	33.35	8.1	24.8	0.68
F26	20 Feb 2025	11	14.39	91.35	8.6	33.35	8.1	24.8	0.70
F26	20 Feb 2025	12	14.38	91.33	8.6	33.35	8.1	24.8	0.80
F26	20 Feb 2025	13	14.38	91.19	8.6	33.35	8.1	24.8	0.90
F26	20 Feb 2025	14	14.37	91.09	8.6	33.35	8.1	24.8	1.00
F26	20 Feb 2025	15	14.34	91.13	8.5	33.35	8.1	24.8	1.15
F26	20 Feb 2025	16	14.30	90.81	8.5	33.35	8.1	24.8	1.59
F26	20 Feb 2025	17	14.15	90.45	8.3	33.36	8.1	24.9	1.70
F26	20 Feb 2025	18	13.45	90.37	7.6	33.40	8.1	25.1	2.26
F26	20 Feb 2025	19	13.06	91.74	7.0	33.39	8.0	25.1	1.89
F26	20 Feb 2025	20	12.82	92.93	6.5	33.40	8.0	25.2	1.75
F26	20 Feb 2025	21	12.54	93.81	6.2	33.41	7.9	25.2	1.54
F26	20 Feb 2025	22	12.15	94.72	5.9	33.41	7.9	25.3	1.08
F26	20 Feb 2025	23	12.08	94.88	5.7	33.42	7.9	25.4	1.07
F26	20 Feb 2025	24	11.94	95.30	5.6	33.44	7.9	25.4	0.90
F26	20 Feb 2025	25	11.85	95.62	5.4	33.45	7.9	25.4	0.84
F26	20 Feb 2025	26	11.78	95.71	5.3	33.47	7.9	25.4	0.81
F26	20 Feb 2025	27	11.76	95.77	5.3	33.47	7.8	25.4	0.80
F26	20 Feb 2025	28	11.69	95.85	5.2	33.48	7.8	25.5	0.78
F26	20 Feb 2025	29	11.66	95.93	5.1	33.49	7.8	25.5	0.77
F26	20 Feb 2025	30	11.62	95.96	5.0	33.50	7.8	25.5	0.76
F26	20 Feb 2025	31	11.52	96.02	4.9	33.52	7.8	25.5	0.72
F26	20 Feb 2025	32	11.49	96.05	4.8	33.53	7.8	25.5	0.73
F26	20 Feb 2025	33	11.45	96.12	4.7	33.54	7.8	25.6	0.67
F26	20 Feb 2025	34	11.40	96.05	4.7	33.56	7.8	25.6	0.68
F26	20 Feb 2025	35	11.37	96.22	4.6	33.56	7.8	25.6	0.61
F26	20 Feb 2025	36	11.30	96.23	4.5	33.58	7.8	25.6	0.63
F26	20 Feb 2025	37	11.20	96.33	4.3	33.62	7.8	25.7	0.98
F26	20 Feb 2025	38	11.17	96.39	4.2	33.62	7.8	25.7	0.39
F26	20 Feb 2025	39	11.13	96.42	4.2	33.63	7.8	25.7	0.38
F26	20 Feb 2025	40	11.13	96.48	4.2	33.63	7.8	25.7	0.37
F26	20 Feb 2025	41	11.04	96.52	4.1	33.67	7.8	25.7	0.34
F26	20 Feb 2025	42	11.05	96.63	4.0	33.68	7.8	25.7	0.31
F26	20 Feb 2025	43	11.04	96.66	3.8	33.73	7.7	25.8	0.28
F26	20 Feb 2025	44	11.03	96.75	3.6	33.75	7.7	25.8	0.25
F26	20 Feb 2025	45	11.03	96.74	3.6	33.76	7.7	25.8	0.23
F26	20 Feb 2025	46	11.04	96.76	3.5	33.77	7.7	25.8	0.22
F26	20 Feb 2025	47	11.05	96.76	3.4	33.78	7.7	25.8	0.25
F26	20 Feb 2025	48	11.04	96.75	3.4	33.80	7.7	25.8	0.19
F26	20 Feb 2025	49	11.01	96.69	3.3	33.81	7.7	25.8	0.15
F26	20 Feb 2025	50	10.97	96.56	3.3	33.81	7.7	25.9	0.14
F26	20 Feb 2025	51	10.93	96.46	3.3	33.81	7.7	25.9	0.14
F26	20 Feb 2025	52	10.92	96.37	3.3	33.81	7.7	25.9	0.12
F26	20 Feb 2025	53	10.89	96.36	3.3	33.82	7.7	25.9	0.13
F26	20 Feb 2025	54	10.88	96.16	3.3	33.82	7.7	25.9	0.11
F26	20 Feb 2025	55	10.83	96.10	3.3	33.84	7.7	25.9	0.10

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F26	20 Feb 2025	56	10.83	96.15	3.3	33.83	7.7	25.9	0.10
F26	20 Feb 2025	57	10.81	96.16	3.3	33.84	7.7	25.9	0.10
F26	20 Feb 2025	58	10.80	96.15	3.3	33.84	7.7	25.9	0.10
F26	20 Feb 2025	59	10.78	96.24	3.3	33.84	7.7	25.9	0.09
F26	20 Feb 2025	60	10.74	96.26	3.3	33.84	7.7	25.9	0.09
F26	20 Feb 2025	61	10.74	96.27	3.3	33.84	7.7	25.9	0.09
F26	20 Feb 2025	62	10.71	96.32	3.3	33.84	7.7	25.9	0.09
F26	20 Feb 2025	63	10.69	96.31	3.3	33.84	7.7	25.9	0.09
F26	20 Feb 2025	64	10.68	96.31	3.3	33.84	7.7	25.9	0.09
F26	20 Feb 2025	65	10.67	96.35	3.3	33.85	7.7	25.9	0.09
F26	20 Feb 2025	66	10.67	96.29	3.3	33.85	7.7	25.9	0.08
F26	20 Feb 2025	67	10.67	96.32	3.2	33.85	7.7	25.9	0.09
F26	20 Feb 2025	68	10.67	96.33	3.2	33.85	7.7	25.9	0.08
F26	20 Feb 2025	69	10.67	96.33	3.2	33.85	7.7	25.9	0.08
F26	20 Feb 2025	70	10.66	96.31	3.2	33.87	7.7	26.0	0.08
F26	20 Feb 2025	71	10.66	96.24	3.1	33.87	7.7	26.0	0.08
F26	20 Feb 2025	72	10.66	96.28	3.1	33.87	7.7	26.0	0.08
F26	20 Feb 2025	73	10.66	96.22	3.0	33.89	7.7	26.0	0.07
F26	20 Feb 2025	74	10.65	95.98	2.8	33.92	7.7	26.0	0.07
F26	20 Feb 2025	75	10.66	95.59	2.7	33.93	7.7	26.0	0.07
F26	20 Feb 2025	76	10.68	94.33	2.5	33.97	7.6	26.0	0.07
F26	20 Feb 2025	77	10.69	93.67	2.5	33.97	7.7	26.0	0.09
F26	20 Feb 2025	78	10.71	93.35	2.4	33.99	7.6	26.0	0.09
F26	20 Feb 2025	79	10.71	93.10	2.3	33.99	7.6	26.0	0.08
F26	20 Feb 2025	80	10.70	92.95	2.3	33.99	7.6	26.0	0.09
F26	20 Feb 2025	81	10.70	92.76	2.3	33.99	7.6	26.0	0.09
F26	20 Feb 2025	82	10.66	92.72	2.3	34.01	7.6	26.1	0.09
F26	20 Feb 2025	83	10.63	92.72	2.3	34.01	7.6	26.1	0.08
F26	20 Feb 2025	84	10.63	92.79	2.3	34.01	7.6	26.1	0.09
F26	20 Feb 2025	85	10.60	92.75	2.2	34.02	7.6	26.1	0.08
F26	20 Feb 2025	86	10.59	92.44	2.2	34.02	7.6	26.1	0.09
F26	20 Feb 2025	87	10.57	92.32	2.2	34.03	7.6	26.1	0.09
F26	20 Feb 2025	88	10.56	91.97	2.2	34.03	7.6	26.1	0.09
F26	20 Feb 2025	89	10.54	92.09	2.2	34.03	7.6	26.1	0.09
F26	20 Feb 2025	90	10.54	92.03	2.2	34.03	7.6	26.1	0.09
F26	20 Feb 2025	91	10.51	92.01	2.2	34.04	7.6	26.1	0.08
F26	20 Feb 2025	92	10.50	91.76	2.2	34.04	7.6	26.1	0.08
F26	20 Feb 2025	93	10.47	91.46	2.2	34.05	7.6	26.1	0.09
F26	20 Feb 2025	94	10.45	91.18	2.2	34.05	7.6	26.1	0.08
F26	20 Feb 2025	95	10.44	91.06	2.2	34.05	7.6	26.1	0.08
F26	20 Feb 2025	96	10.45	90.93	2.2	34.05	7.6	26.1	0.09
F26	20 Feb 2025	97	10.44	90.80	2.2	34.05	7.6	26.1	0.08
F26	20 Feb 2025	98	10.44	90.72	2.2	34.06	7.6	26.1	0.08
F26	20 Feb 2025	99	10.44	90.74	2.2	34.05	7.6	26.1	0.09
F15	22 Feb 2025	1	15.21	94.56	8.5	33.33	8.1	24.6	0.14
F15	22 Feb 2025	2	15.19	94.03	8.4	33.33	8.1	24.6	0.15
F15	22 Feb 2025	3	15.02	94.47	8.5	33.33	8.1	24.7	0.14
F15	22 Feb 2025	4	14.92	94.52	8.5	33.32	8.1	24.7	0.15
F15	22 Feb 2025	5	14.89	94.33	8.5	33.32	8.1	24.7	0.17
F15	22 Feb 2025	6	14.85	94.25	8.5	33.32	8.1	24.7	0.18
F15	22 Feb 2025	7	14.83	94.13	8.5	33.32	8.1	24.7	0.19
F15	22 Feb 2025	8	14.76	94.12	8.5	33.32	8.1	24.7	0.22
F15	22 Feb 2025	9	14.65	94.06	8.5	33.33	8.1	24.8	0.23
F15	22 Feb 2025	10	14.56	94.09	8.6	33.32	8.1	24.8	0.25
F15	22 Feb 2025	11	14.55	94.01	8.6	33.32	8.1	24.8	0.28
F15	22 Feb 2025	12	14.54	93.86	8.6	33.32	8.1	24.8	0.34
F15	22 Feb 2025	13	14.52	93.68	8.5	33.32	8.1	24.8	0.38
F15	22 Feb 2025	14	14.46	93.89	8.5	33.32	8.1	24.8	0.43
F15	22 Feb 2025	15	14.32	93.69	8.5	33.34	8.1	24.8	0.67
F15	22 Feb 2025	16	14.17	93.30	8.3	33.36	8.1	24.9	1.26



Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F15	22 Feb 2025	17	14.01	92.97	8.0	33.37	8.1	24.9	1.52
F15	22 Feb 2025	18	13.61	93.14	7.6	33.39	8.0	25.0	1.27
F15	22 Feb 2025	19	13.16	93.72	7.0	33.41	8.0	25.1	1.20
F15	22 Feb 2025	20	12.74	94.16	6.6	33.42	7.9	25.2	1.13
F15	22 Feb 2025	21	12.71	94.03	6.5	33.44	7.9	25.2	1.21
F15	22 Feb 2025	22	12.68	93.33	6.5	33.46	7.9	25.3	1.75
F15	22 Feb 2025	23	12.63	92.24	6.4	33.47	7.9	25.3	2.06
F15	22 Feb 2025	24	12.58	91.37	6.2	33.47	7.9	25.3	2.29
F15	22 Feb 2025	25	12.53	91.09	6.0	33.48	7.9	25.3	2.07
F15	22 Feb 2025	26	12.52	90.42	5.9	33.48	7.9	25.3	1.81
F15	22 Feb 2025	27	12.48	89.65	5.7	33.49	7.9	25.3	1.70
F15	22 Feb 2025	28	12.30	89.03	5.6	33.49	7.8	25.4	1.86
F15	22 Feb 2025	29	12.06	91.11	5.3	33.50	7.8	25.4	1.44
F15	22 Feb 2025	30	11.80	92.46	5.0	33.53	7.8	25.5	1.07
F15	22 Feb 2025	31	11.70	92.87	4.8	33.54	7.8	25.5	0.98
F15	22 Feb 2025	32	11.68	93.29	4.6	33.55	7.8	25.5	1.02
F15	22 Feb 2025	33	11.66	93.43	4.6	33.56	7.8	25.5	1.04
F15	22 Feb 2025	34	11.61	93.37	4.5	33.58	7.8	25.6	1.06
F15	22 Feb 2025	35	11.42	93.28	4.3	33.62	7.8	25.6	0.94
F15	22 Feb 2025	36	11.34	93.61	4.1	33.64	7.7	25.7	0.81
F15	22 Feb 2025	37	11.35	93.34	4.0	33.64	7.7	25.7	0.78
F15	22 Feb 2025	38	11.35	92.74	3.9	33.66	7.7	25.7	0.88
F15	22 Feb 2025	39	11.29	91.95	3.8	33.67	7.7	25.7	0.73
F15	22 Feb 2025	40	11.26	91.31	3.8	33.68	7.7	25.7	0.67
F15	22 Feb 2025	41	11.24	91.65	3.7	33.68	7.7	25.7	0.65
F15	22 Feb 2025	42	11.22	92.68	3.7	33.69	7.7	25.7	0.65
F15	22 Feb 2025	43	11.15	92.94	3.7	33.70	7.7	25.7	0.57
F15	22 Feb 2025	44	11.08	93.41	3.8	33.70	7.7	25.7	0.52
F15	22 Feb 2025	45	10.99	94.19	3.8	33.71	7.7	25.8	0.47
F15	22 Feb 2025	46	10.98	95.33	3.8	33.73	7.7	25.8	0.35
F15	22 Feb 2025	47	10.99	95.67	3.7	33.74	7.7	25.8	0.35
F15	22 Feb 2025	48	11.01	95.51	3.6	33.75	7.7	25.8	0.35
F15	22 Feb 2025	49	11.02	94.87	3.5	33.76	7.7	25.8	0.33
F15	22 Feb 2025	50	11.02	94.51	3.4	33.76	7.7	25.8	0.33
F15	22 Feb 2025	51	11.02	93.87	3.4	33.76	7.7	25.8	0.35
F15	22 Feb 2025	52	11.01	93.65	3.4	33.76	7.7	25.8	0.33
F15	22 Feb 2025	53	11.00	93.98	3.4	33.76	7.7	25.8	0.32
F15	22 Feb 2025	54	11.00	94.54	3.4	33.77	7.7	25.8	0.31
F15	22 Feb 2025	55	11.01	94.33	3.4	33.77	7.7	25.8	0.35
F15	22 Feb 2025	56	11.00	94.09	3.3	33.77	7.7	25.8	0.32
F15	22 Feb 2025	57	10.98	94.06	3.3	33.78	7.7	25.8	0.31
F15	22 Feb 2025	58	10.99	94.43	3.3	33.79	7.7	25.8	0.32
F15	22 Feb 2025	59	10.99	94.31	3.2	33.79	7.7	25.8	0.33
F15	22 Feb 2025	60	10.99	93.96	3.2	33.79	7.7	25.8	0.29
F15	22 Feb 2025	61	10.98	93.73	3.1	33.81	7.7	25.9	0.27
F15	22 Feb 2025	62	10.96	93.84	3.1	33.82	7.7	25.9	0.25
F15	22 Feb 2025	63	10.93	94.14	3.1	33.82	7.7	25.9	0.21
F15	22 Feb 2025	64	10.89	94.37	3.1	33.83	7.7	25.9	0.21
F15	22 Feb 2025	65	10.85	94.58	3.1	33.84	7.7	25.9	0.20
F15	22 Feb 2025	66	10.84	94.95	3.1	33.85	7.7	25.9	0.16
F15	22 Feb 2025	67	10.82	95.11	3.1	33.86	7.7	25.9	0.15
F15	22 Feb 2025	68	10.82	95.44	3.0	33.87	7.7	25.9	0.13
F15	22 Feb 2025	69	10.81	95.54	3.0	33.88	7.7	25.9	0.12
F15	22 Feb 2025	70	10.81	95.57	3.0	33.90	7.7	25.9	0.11
F15	22 Feb 2025	71	10.81	95.73	2.9	33.90	7.6	26.0	0.11
F15	22 Feb 2025	72	10.81	95.83	2.8	33.90	7.6	26.0	0.10
F15	22 Feb 2025	73	10.80	95.83	2.8	33.92	7.6	26.0	0.10
F15	22 Feb 2025	74	10.79	95.73	2.7	33.94	7.6	26.0	0.10
F15	22 Feb 2025	75	10.78	95.50	2.7	33.95	7.6	26.0	0.10
F15	22 Feb 2025	76	10.77	95.41	2.6	33.96	7.6	26.0	0.10
F15	22 Feb 2025	77	10.76	95.97	2.6	33.97	7.6	26.0	0.11

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F15	22 Feb 2025	78	10.76	95.98	2.6	33.97	7.6	26.0	0.12
F15	22 Feb 2025	79	10.77	95.60	2.5	33.98	7.6	26.0	0.10
F15	22 Feb 2025	80	10.76	94.53	2.4	33.99	7.6	26.0	0.14
F15	22 Feb 2025	81	10.73	92.16	2.3	34.01	7.6	26.0	0.18
F15	22 Feb 2025	82	10.75	89.84	2.3	33.99	7.6	26.0	0.16
F04	21 Feb 2025	1	14.90	90.95	8.9	33.29	8.1	24.7	0.39
F04	21 Feb 2025	2	14.91	90.91	8.9	33.30	8.1	24.7	0.36
F04	21 Feb 2025	3	14.82	91.14	8.9	33.31	8.1	24.7	0.34
F04	21 Feb 2025	4	14.73	91.01	8.9	33.31	8.1	24.7	0.41
F04	21 Feb 2025	5	14.71	91.08	8.9	33.30	8.1	24.7	0.50
F04	21 Feb 2025	6	14.68	91.08	8.9	33.31	8.1	24.7	0.56
F04	21 Feb 2025	7	14.55	91.17	8.8	33.33	8.1	24.8	0.65
F04	21 Feb 2025	8	14.46	91.29	8.7	33.34	8.1	24.8	0.78
F04	21 Feb 2025	9	14.42	91.18	8.7	33.34	8.1	24.8	0.85
F04	21 Feb 2025	10	14.38	91.17	8.6	33.34	8.1	24.8	1.01
F04	21 Feb 2025	11	14.33	91.14	8.6	33.34	8.1	24.8	1.35
F04	21 Feb 2025	12	14.23	90.74	8.5	33.35	8.1	24.9	1.81
F04	21 Feb 2025	13	14.09	90.21	8.4	33.36	8.1	24.9	2.30
F04	21 Feb 2025	14	13.94	89.56	8.2	33.37	8.0	24.9	2.75
F04	21 Feb 2025	15	13.65	89.58	8.2	33.43	8.0	25.0	2.81
F04	21 Feb 2025	16	13.45	88.65	8.1	33.43	8.0	25.1	3.82
F04	21 Feb 2025	17	13.34	87.47	7.9	33.44	8.0	25.1	4.10
F04	21 Feb 2025	18	13.22	87.39	7.7	33.44	8.0	25.1	4.79
F04	21 Feb 2025	19	13.16	86.73	7.6	33.44	8.0	25.2	4.05
F04	21 Feb 2025	20	13.01	86.86	7.3	33.45	8.0	25.2	3.93
F04	21 Feb 2025	21	12.81	88.51	6.9	33.48	7.9	25.2	2.95
F04	21 Feb 2025	22	12.56	89.25	6.4	33.49	7.9	25.3	2.25
F04	21 Feb 2025	23	12.22	90.84	6.0	33.52	7.8	25.4	1.87
F04	21 Feb 2025	24	12.06	92.95	5.6	33.53	7.8	25.4	1.71
F04	21 Feb 2025	25	11.80	93.35	5.2	33.56	7.8	25.5	1.40
F04	21 Feb 2025	26	11.63	92.89	4.9	33.57	7.7	25.5	1.14
F04	21 Feb 2025	27	11.61	92.56	4.7	33.57	7.7	25.6	1.09
F04	21 Feb 2025	28	11.56	92.11	4.5	33.59	7.7	25.6	1.15
F04	21 Feb 2025	29	11.51	91.27	4.4	33.61	7.7	25.6	1.03
F04	21 Feb 2025	30	11.45	90.92	4.2	33.63	7.7	25.6	1.03
F04	21 Feb 2025	31	11.41	90.66	4.0	33.65	7.7	25.7	1.05
F04	21 Feb 2025	32	11.42	89.02	3.9	33.66	7.7	25.7	0.79
F04	21 Feb 2025	33	11.40	87.01	3.8	33.66	7.7	25.7	0.71
F04	21 Feb 2025	34	11.39	86.65	3.7	33.66	7.7	25.7	0.68
F04	21 Feb 2025	35	11.37	86.75	3.7	33.67	7.7	25.7	0.67
F04	21 Feb 2025	36	11.35	86.50	3.6	33.69	7.7	25.7	0.60
F04	21 Feb 2025	37	11.33	86.44	3.5	33.70	7.7	25.7	0.58
F04	21 Feb 2025	38	11.29	85.87	3.5	33.70	7.7	25.7	0.62
F04	21 Feb 2025	39	11.27	87.50	3.5	33.70	7.7	25.7	0.63
F04	21 Feb 2025	40	11.26	88.53	3.5	33.70	7.7	25.7	0.59
F04	21 Feb 2025	41	11.25	88.73	3.5	33.70	7.7	25.7	0.57
F04	21 Feb 2025	42	11.22	89.02	3.5	33.72	7.7	25.7	0.52
F04	21 Feb 2025	43	11.14	89.44	3.5	33.74	7.7	25.8	0.39
F04	21 Feb 2025	44	11.09	89.99	3.5	33.74	7.7	25.8	0.33
F04	21 Feb 2025	45	11.06	91.04	3.5	33.73	7.7	25.8	0.31
F04	21 Feb 2025	46	11.05	92.07	3.5	33.74	7.7	25.8	0.82
F04	21 Feb 2025	47	11.02	92.43	3.5	33.75	7.7	25.8	0.79
F04	21 Feb 2025	48	10.99	92.35	3.4	33.77	7.6	25.8	0.26
F04	21 Feb 2025	49	10.99	92.64	3.3	33.78	7.6	25.8	0.23
F04	21 Feb 2025	50	10.99	92.65	3.3	33.78	7.6	25.8	0.22
F04	21 Feb 2025	51	10.99	92.85	3.3	33.78	7.6	25.8	0.22
F04	21 Feb 2025	52	10.98	92.78	3.2	33.80	7.6	25.8	0.22
F04	21 Feb 2025	53	10.96	92.82	3.2	33.81	7.6	25.9	0.24
F04	21 Feb 2025	54	10.96	92.66	3.1	33.81	7.6	25.9	0.22
F04	21 Feb 2025	55	10.96	92.66	3.1	33.81	7.6	25.9	0.26

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F04	21 Feb 2025	56	10.95	92.50	3.0	33.83	7.6	25.9	0.22
F04	21 Feb 2025	57	10.94	91.08	2.9	33.86	7.6	25.9	0.23
F04	21 Feb 2025	58	10.93	89.10	2.7	33.88	7.6	25.9	0.28
F04	21 Feb 2025	59	10.92	87.57	2.6	33.89	7.6	25.9	0.32
F04	21 Feb 2025	60	10.91	86.86	2.5	33.90	7.6	25.9	0.36
F04	21 Feb 2025	61	10.91	86.34	2.5	33.90	7.6	25.9	0.41
F04	21 Feb 2025	62	10.91	79.39	2.5	33.90	7.6	25.9	0.34
F05	21 Feb 2025	1	15.07	90.64	8.9	33.29	8.1	24.6	0.35
F05	21 Feb 2025	2	15.05	90.86	8.9	33.29	8.1	24.6	0.36
F05	21 Feb 2025	3	14.98	90.70	8.9	33.29	8.1	24.7	0.35
F05	21 Feb 2025	4	14.91	90.81	8.9	33.30	8.1	24.7	0.38
F05	21 Feb 2025	5	14.68	90.91	8.9	33.33	8.1	24.8	0.47
F05	21 Feb 2025	6	14.57	90.91	8.8	33.33	8.1	24.8	0.62
F05	21 Feb 2025	7	14.45	91.02	8.7	33.34	8.1	24.8	0.73
F05	21 Feb 2025	8	14.33	90.69	8.6	33.36	8.1	24.9	0.77
F05	21 Feb 2025	9	14.14	91.24	8.4	33.37	8.1	24.9	1.66
F05	21 Feb 2025	10	13.79	90.86	8.0	33.40	8.0	25.0	1.97
F05	21 Feb 2025	11	13.45	90.01	7.7	33.44	8.0	25.1	1.92
F05	21 Feb 2025	12	13.29	89.18	7.6	33.45	8.0	25.1	2.06
F05	21 Feb 2025	13	13.13	88.32	7.6	33.46	8.0	25.2	3.08
F05	21 Feb 2025	14	12.98	87.69	7.4	33.46	8.0	25.2	3.70
F05	21 Feb 2025	15	12.90	87.82	7.2	33.45	8.0	25.2	3.67
F05	21 Feb 2025	16	12.88	87.90	7.1	33.45	7.9	25.2	3.48
F05	21 Feb 2025	17	12.85	87.92	7.0	33.45	7.9	25.2	3.36
F05	21 Feb 2025	18	12.80	87.66	6.9	33.45	7.9	25.2	3.33
F05	21 Feb 2025	19	12.76	87.61	6.7	33.46	7.9	25.2	3.20
F05	21 Feb 2025	20	12.65	87.63	6.5	33.47	7.9	25.3	2.69
F05	21 Feb 2025	21	12.50	88.36	6.3	33.47	7.9	25.3	2.52
F05	21 Feb 2025	22	12.34	89.21	6.0	33.48	7.8	25.3	1.76
F05	21 Feb 2025	23	12.22	89.68	5.8	33.49	7.8	25.4	1.52
F05	21 Feb 2025	24	12.10	90.87	5.6	33.50	7.8	25.4	1.46
F05	21 Feb 2025	25	11.97	91.37	5.4	33.50	7.8	25.4	1.33
F05	21 Feb 2025	26	11.83	92.11	5.2	33.51	7.8	25.5	1.19
F05	21 Feb 2025	27	11.78	92.81	4.9	33.53	7.8	25.5	1.17
F05	21 Feb 2025	28	11.72	92.52	4.8	33.55	7.8	25.5	1.17
F05	21 Feb 2025	29	11.62	91.55	4.6	33.58	7.7	25.6	1.12
F05	21 Feb 2025	30	11.53	91.31	4.5	33.59	7.7	25.6	1.07
F05	21 Feb 2025	31	11.53	91.36	4.3	33.60	7.7	25.6	0.95
F05	21 Feb 2025	32	11.52	88.23	4.2	33.60	7.7	25.6	0.73
F05	21 Feb 2025	33	11.52	86.20	4.2	33.60	7.7	25.6	0.71
F05	21 Feb 2025	34	11.51	86.01	4.1	33.61	7.7	25.6	0.70
F05	21 Feb 2025	35	11.51	85.63	4.1	33.61	7.7	25.6	0.64
F05	21 Feb 2025	36	11.49	85.65	4.1	33.61	7.7	25.6	0.63
F05	21 Feb 2025	37	11.47	85.54	4.1	33.61	7.7	25.6	0.57
F05	21 Feb 2025	38	11.43	85.72	4.1	33.62	7.7	25.6	0.56
F05	21 Feb 2025	39	11.42	85.33	4.1	33.62	7.7	25.6	0.58
F05	21 Feb 2025	40	11.39	86.42	4.0	33.64	7.7	25.6	0.56
F05	21 Feb 2025	41	11.37	87.17	3.9	33.67	7.7	25.7	0.48
F05	21 Feb 2025	42	11.34	87.88	3.9	33.68	7.7	25.7	0.44
F05	21 Feb 2025	43	11.24	89.07	3.8	33.69	7.7	25.7	0.41
F05	21 Feb 2025	44	11.15	90.13	3.8	33.70	7.7	25.7	0.40
F05	21 Feb 2025	45	11.06	90.93	3.8	33.70	7.7	25.7	0.36
F05	21 Feb 2025	46	11.01	92.30	3.8	33.72	7.7	25.8	0.33
F05	21 Feb 2025	47	10.96	93.56	3.7	33.74	7.7	25.8	0.29
F05	21 Feb 2025	48	10.95	94.40	3.6	33.76	7.7	25.8	0.29
F05	21 Feb 2025	49	10.94	94.97	3.5	33.77	7.7	25.8	0.31
F05	21 Feb 2025	50	10.91	95.32	3.4	33.80	7.7	25.9	0.22
F05	21 Feb 2025	51	10.94	95.30	3.2	33.83	7.6	25.9	0.19
F05	21 Feb 2025	52	10.95	94.89	3.0	33.85	7.6	25.9	0.19
F05	21 Feb 2025	53	10.94	94.53	3.0	33.86	7.6	25.9	0.17

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F05	21 Feb 2025	54	10.94	94.06	2.9	33.86	7.6	25.9	0.17
F05	21 Feb 2025	55	10.94	93.81	2.9	33.86	7.6	25.9	0.16
F05	21 Feb 2025	56	10.93	93.59	2.8	33.87	7.6	25.9	0.16
F05	21 Feb 2025	57	10.93	93.23	2.8	33.88	7.6	25.9	0.17
F05	21 Feb 2025	58	10.92	92.83	2.7	33.88	7.6	25.9	0.35
F05	21 Feb 2025	59	10.91	92.50	2.7	33.90	7.6	25.9	0.24
F05	21 Feb 2025	60	10.90	92.33	2.6	33.92	7.6	26.0	0.21
F05	21 Feb 2025	61	10.89	91.26	2.5	33.92	7.6	26.0	0.25
F05	21 Feb 2025	62	10.89	89.11	2.5	33.93	7.6	26.0	0.31
F27	20 Feb 2025	1	15.02	91.79	8.5	33.35	8.1	24.7	0.16
F27	20 Feb 2025	2	14.96	91.61	8.5	33.35	8.1	24.7	0.16
F27	20 Feb 2025	3	14.75	92.03	8.5	33.35	8.1	24.8	0.18
F27	20 Feb 2025	4	14.73	92.38	8.5	33.35	8.1	24.8	0.19
F27	20 Feb 2025	5	14.69	92.12	8.5	33.35	8.1	24.8	0.21
F27	20 Feb 2025	6	14.68	92.21	8.5	33.35	8.1	24.8	0.24
F27	20 Feb 2025	7	14.66	92.22	8.5	33.35	8.1	24.8	0.26
F27	20 Feb 2025	8	14.62	92.15	8.5	33.35	8.1	24.8	0.27
F27	20 Feb 2025	9	14.61	92.18	8.5	33.35	8.1	24.8	0.29
F27	20 Feb 2025	10	14.59	92.13	8.5	33.35	8.1	24.8	0.32
F27	20 Feb 2025	11	14.57	92.18	8.5	33.35	8.1	24.8	0.33
F27	20 Feb 2025	12	14.56	92.23	8.5	33.35	8.1	24.8	0.34
F27	20 Feb 2025	13	14.55	92.18	8.5	33.35	8.1	24.8	0.38
F27	20 Feb 2025	14	14.53	92.21	8.6	33.35	8.1	24.8	0.40
F27	20 Feb 2025	15	14.52	92.13	8.6	33.35	8.1	24.8	0.47
F27	20 Feb 2025	16	14.50	92.04	8.5	33.35	8.1	24.8	0.49
F27	20 Feb 2025	17	14.48	91.97	8.6	33.35	8.1	24.8	0.59
F27	20 Feb 2025	18	14.44	91.91	8.5	33.35	8.1	24.8	0.77
F27	20 Feb 2025	19	14.38	91.60	8.5	33.35	8.1	24.8	1.02
F27	20 Feb 2025	20	14.33	91.18	8.5	33.35	8.1	24.8	1.38
F27	20 Feb 2025	21	14.32	90.61	8.5	33.35	8.1	24.8	1.43
F27	20 Feb 2025	22	14.14	90.27	8.4	33.35	8.1	24.9	1.99
F27	20 Feb 2025	23	14.15	90.79	8.2	33.35	8.1	24.9	2.13
F27	20 Feb 2025	24	13.01	91.26	7.2	33.40	8.0	25.2	1.91
F27	20 Feb 2025	25	12.76	92.51	6.5	33.39	8.0	25.2	1.76
F27	20 Feb 2025	26	12.68	93.58	6.3	33.39	7.9	25.2	1.62
F27	20 Feb 2025	27	12.45	94.12	6.2	33.40	7.9	25.3	1.44
F27	20 Feb 2025	28	12.22	94.54	5.9	33.41	7.9	25.3	1.14
F27	20 Feb 2025	29	12.02	94.98	5.6	33.44	7.9	25.4	0.97
F27	20 Feb 2025	30	11.82	95.43	5.4	33.47	7.9	25.4	0.89
F27	20 Feb 2025	31	11.75	95.69	5.3	33.47	7.8	25.4	0.80
F27	20 Feb 2025	32	11.63	95.94	5.1	33.49	7.8	25.5	0.79
F27	20 Feb 2025	33	11.53	96.02	4.9	33.52	7.8	25.5	0.94
F27	20 Feb 2025	34	11.47	96.05	4.8	33.53	7.8	25.6	0.71
F27	20 Feb 2025	35	11.38	96.11	4.7	33.56	7.8	25.6	0.62
F27	20 Feb 2025	36	11.31	96.29	4.5	33.59	7.8	25.6	0.55
F27	20 Feb 2025	37	11.29	96.18	4.4	33.60	7.8	25.6	0.53
F27	20 Feb 2025	38	11.20	96.35	4.3	33.62	7.8	25.7	0.45
F27	20 Feb 2025	39	11.18	96.38	4.2	33.63	7.8	25.7	0.41
F27	20 Feb 2025	40	11.17	96.41	4.2	33.63	7.8	25.7	0.40
F27	20 Feb 2025	41	11.14	96.39	4.2	33.65	7.8	25.7	0.37
F27	20 Feb 2025	42	11.14	96.32	4.1	33.65	7.8	25.7	0.35
F27	20 Feb 2025	43	11.11	96.38	4.1	33.66	7.8	25.7	0.34
F27	20 Feb 2025	44	11.07	96.36	4.1	33.66	7.8	25.7	0.38
F27	20 Feb 2025	45	10.91	96.51	4.0	33.69	7.8	25.8	0.25
F27	20 Feb 2025	46	10.96	96.70	3.8	33.76	7.7	25.8	0.22
F27	20 Feb 2025	47	10.94	96.73	3.5	33.81	7.7	25.9	0.17
F27	20 Feb 2025	48	10.93	96.70	3.3	33.82	7.7	25.9	0.14
F27	20 Feb 2025	49	10.91	96.67	3.4	33.82	7.7	25.9	0.14
F27	20 Feb 2025	50	10.84	96.65	3.3	33.84	7.7	25.9	0.11
F27	20 Feb 2025	51	10.80	96.65	3.3	33.85	7.7	25.9	0.10

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F27	20 Feb 2025	52	10.78	96.74	3.4	33.85	7.7	25.9	0.09
F27	20 Feb 2025	53	10.79	96.79	3.3	33.87	7.7	25.9	0.08
F27	20 Feb 2025	54	10.74	96.88	3.2	33.90	7.7	26.0	0.07
F27	20 Feb 2025	55	10.74	96.93	3.2	33.91	7.7	26.0	0.07
F27	20 Feb 2025	56	10.71	97.04	3.1	33.92	7.7	26.0	0.07
F27	20 Feb 2025	57	10.71	97.06	3.1	33.92	7.7	26.0	0.06
F27	20 Feb 2025	58	10.71	97.04	3.1	33.92	7.7	26.0	0.06
F27	20 Feb 2025	59	10.70	97.01	3.1	33.92	7.7	26.0	0.06
F27	20 Feb 2025	60	10.70	96.94	3.0	33.93	7.7	26.0	0.06
F27	20 Feb 2025	61	10.70	96.91	3.0	33.93	7.7	26.0	0.06
F27	20 Feb 2025	62	10.70	96.78	3.0	33.94	7.7	26.0	0.06
F27	20 Feb 2025	63	10.70	96.81	2.9	33.94	7.7	26.0	0.06
F27	20 Feb 2025	64	10.70	96.74	2.9	33.94	7.7	26.0	0.06
F27	20 Feb 2025	65	10.70	96.65	2.9	33.94	7.7	26.0	0.06
F27	20 Feb 2025	66	10.69	96.62	2.8	33.95	7.7	26.0	0.06
F27	20 Feb 2025	67	10.68	96.49	2.8	33.95	7.7	26.0	0.06
F27	20 Feb 2025	68	10.67	96.35	2.7	33.95	7.7	26.0	0.06
F27	20 Feb 2025	69	10.67	96.25	2.7	33.95	7.7	26.0	0.06
F27	20 Feb 2025	70	10.67	96.24	2.7	33.95	7.7	26.0	0.06
F27	20 Feb 2025	71	10.67	96.20	2.7	33.96	7.7	26.0	0.06
F27	20 Feb 2025	72	10.66	96.12	2.7	33.96	7.7	26.0	0.06
F27	20 Feb 2025	73	10.66	96.22	2.7	33.96	7.7	26.0	0.06
F27	20 Feb 2025	74	10.66	96.23	2.6	33.96	7.7	26.0	0.06
F27	20 Feb 2025	75	10.65	96.13	2.6	33.96	7.7	26.0	0.06
F27	20 Feb 2025	76	10.65	96.09	2.6	33.97	7.7	26.0	0.06
F27	20 Feb 2025	77	10.64	96.03	2.6	33.97	7.7	26.0	0.06
F27	20 Feb 2025	78	10.64	95.95	2.5	33.97	7.7	26.0	0.06
F27	20 Feb 2025	79	10.65	95.94	2.5	33.98	7.7	26.0	0.06
F27	20 Feb 2025	80	10.66	96.05	2.6	33.99	7.7	26.1	0.06
F27	20 Feb 2025	81	10.65	96.22	2.6	34.00	7.7	26.1	0.06
F27	20 Feb 2025	82	10.63	96.36	2.5	34.01	7.7	26.1	0.06
F27	20 Feb 2025	83	10.62	96.30	2.5	34.02	7.7	26.1	0.06
F27	20 Feb 2025	84	10.61	96.25	2.5	34.02	7.7	26.1	0.06
F27	20 Feb 2025	85	10.55	96.29	2.5	34.03	7.7	26.1	0.05
F27	20 Feb 2025	86	10.49	96.09	2.4	34.03	7.7	26.1	0.06
F27	20 Feb 2025	87	10.50	95.51	2.4	34.03	7.6	26.1	0.06
F27	20 Feb 2025	88	10.46	95.08	2.4	34.04	7.6	26.1	0.06
F27	20 Feb 2025	89	10.44	94.33	2.3	34.04	7.6	26.1	0.06
F27	20 Feb 2025	90	10.43	93.62	2.3	34.04	7.6	26.1	0.06
F27	20 Feb 2025	91	10.41	93.14	2.3	34.05	7.6	26.1	0.06
F27	20 Feb 2025	92	10.40	92.95	2.3	34.05	7.6	26.1	0.07
F27	20 Feb 2025	93	10.40	92.91	2.3	34.05	7.6	26.1	0.07
F27	20 Feb 2025	94	10.38	92.93	2.3	34.06	7.6	26.2	0.07
F27	20 Feb 2025	95	10.37	93.04	2.3	34.06	7.6	26.2	0.07
F27	20 Feb 2025	96	10.36	92.61	2.3	34.06	7.6	26.2	0.07
F27	20 Feb 2025	97	10.34	92.25	2.3	34.07	7.6	26.2	0.07
F27	20 Feb 2025	98	10.32	91.99	2.3	34.08	7.6	26.2	0.07
F27	20 Feb 2025	99	10.32	91.97	2.3	34.08	7.6	26.2	0.08
F27	20 Feb 2025	100	10.30	90.88	2.2	34.08	7.6	26.2	0.07
F16	22 Feb 2025	1	15.19	94.59	8.5	33.32	8.1	24.6	0.18
F16	22 Feb 2025	2	15.10	94.51	8.5	33.33	8.1	24.7	0.17
F16	22 Feb 2025	3	14.94	94.44	8.5	33.33	8.1	24.7	0.17
F16	22 Feb 2025	4	14.91	94.43	8.5	33.33	8.1	24.7	0.18
F16	22 Feb 2025	5	14.85	94.37	8.5	33.33	8.1	24.7	0.21
F16	22 Feb 2025	6	14.78	94.44	8.5	33.33	8.1	24.7	0.23
F16	22 Feb 2025	7	14.73	94.30	8.5	33.32	8.1	24.7	0.25
F16	22 Feb 2025	8	14.68	93.96	8.5	33.32	8.1	24.7	0.26
F16	22 Feb 2025	9	14.65	93.95	8.5	33.32	8.1	24.8	0.27
F16	22 Feb 2025	10	14.61	94.11	8.5	33.32	8.1	24.8	0.31
F16	22 Feb 2025	11	14.55	94.07	8.5	33.33	8.1	24.8	0.35

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F16	22 Feb 2025	12	14.46	94.18	8.5	33.33	8.1	24.8	0.40
F16	22 Feb 2025	13	14.26	93.90	8.4	33.34	8.1	24.9	0.70
F16	22 Feb 2025	14	14.10	92.94	8.3	33.34	8.1	24.9	1.63
F16	22 Feb 2025	15	13.98	91.27	8.1	33.36	8.1	24.9	2.15
F16	22 Feb 2025	16	13.63	92.86	7.5	33.39	8.0	25.0	1.52
F16	22 Feb 2025	17	12.80	93.62	6.8	33.43	8.0	25.2	1.14
F16	22 Feb 2025	18	12.56	94.02	6.3	33.43	7.9	25.3	1.03
F16	22 Feb 2025	19	12.52	94.13	6.1	33.42	7.9	25.3	1.18
F16	22 Feb 2025	20	12.40	94.10	6.0	33.43	7.9	25.3	1.16
F16	22 Feb 2025	21	12.22	94.81	5.8	33.44	7.9	25.3	1.01
F16	22 Feb 2025	22	12.16	95.25	5.7	33.44	7.8	25.3	0.91
F16	22 Feb 2025	23	12.11	95.42	5.6	33.44	7.8	25.4	0.80
F16	22 Feb 2025	24	12.10	95.44	5.6	33.45	7.8	25.4	0.90
F16	22 Feb 2025	25	12.10	94.89	5.5	33.48	7.8	25.4	1.03
F16	22 Feb 2025	26	12.02	93.87	5.4	33.49	7.8	25.4	1.11
F16	22 Feb 2025	27	11.98	92.87	5.3	33.50	7.8	25.4	1.13
F16	22 Feb 2025	28	11.98	92.87	5.2	33.50	7.8	25.4	1.10
F16	22 Feb 2025	29	11.95	92.93	5.2	33.50	7.8	25.4	1.21
F16	22 Feb 2025	30	11.88	93.01	5.0	33.51	7.8	25.5	1.05
F16	22 Feb 2025	31	11.76	92.93	4.8	33.54	7.8	25.5	1.17
F16	22 Feb 2025	32	11.61	92.32	4.6	33.58	7.8	25.6	1.04
F16	22 Feb 2025	33	11.52	92.91	4.4	33.60	7.8	25.6	0.94
F16	22 Feb 2025	34	11.45	92.81	4.2	33.63	7.7	25.6	0.94
F16	22 Feb 2025	35	11.45	91.49	3.9	33.65	7.7	25.6	0.92
F16	22 Feb 2025	36	11.44	89.40	3.8	33.65	7.7	25.6	0.85
F16	22 Feb 2025	37	11.41	89.79	3.8	33.66	7.7	25.7	0.96
F16	22 Feb 2025	38	11.40	90.17	3.8	33.66	7.7	25.7	0.87
F16	22 Feb 2025	39	11.39	89.97	3.7	33.66	7.7	25.7	0.80
F16	22 Feb 2025	40	11.38	89.31	3.6	33.67	7.7	25.7	0.72
F16	22 Feb 2025	41	11.35	88.56	3.6	33.67	7.7	25.7	0.64
F16	22 Feb 2025	42	11.31	88.22	3.6	33.68	7.7	25.7	0.59
F16	22 Feb 2025	43	11.29	88.61	3.6	33.68	7.7	25.7	0.58
F16	22 Feb 2025	44	11.25	89.67	3.6	33.68	7.7	25.7	0.64
F16	22 Feb 2025	45	11.19	91.31	3.7	33.69	7.7	25.7	0.56
F16	22 Feb 2025	46	11.09	92.18	3.8	33.68	7.7	25.7	0.46
F16	22 Feb 2025	47	11.00	94.26	3.9	33.69	7.7	25.8	0.38
F16	22 Feb 2025	48	10.98	95.77	3.9	33.70	7.7	25.8	0.34
F16	22 Feb 2025	49	10.96	96.05	3.8	33.72	7.7	25.8	0.31
F16	22 Feb 2025	50	10.91	96.20	3.8	33.74	7.7	25.8	0.27
F16	22 Feb 2025	51	10.90	96.24	3.7	33.74	7.7	25.8	0.24
F16	22 Feb 2025	52	10.90	96.42	3.7	33.76	7.7	25.8	0.22
F16	22 Feb 2025	53	10.90	96.46	3.6	33.76	7.7	25.8	0.25
F16	22 Feb 2025	54	10.90	96.29	3.6	33.77	7.7	25.8	0.27
F16	22 Feb 2025	55	10.89	96.40	3.5	33.78	7.7	25.8	0.21
F16	22 Feb 2025	56	10.89	96.38	3.5	33.78	7.7	25.8	0.19
F16	22 Feb 2025	57	10.88	96.27	3.5	33.79	7.7	25.9	0.19
F16	22 Feb 2025	58	10.85	96.24	3.4	33.81	7.7	25.9	0.18
F16	22 Feb 2025	59	10.84	96.22	3.4	33.81	7.7	25.9	0.16
F16	22 Feb 2025	60	10.83	96.20	3.3	33.82	7.7	25.9	0.15
F16	22 Feb 2025	61	10.83	96.26	3.3	33.82	7.7	25.9	0.14
F16	22 Feb 2025	62	10.81	96.36	3.3	33.83	7.7	25.9	0.14
F16	22 Feb 2025	63	10.82	96.18	3.2	33.84	7.7	25.9	0.13
F16	22 Feb 2025	64	10.83	96.00	3.2	33.84	7.7	25.9	0.14
F16	22 Feb 2025	65	10.85	95.90	3.1	33.85	7.7	25.9	0.14
F16	22 Feb 2025	66	10.87	95.93	3.0	33.88	7.7	25.9	0.13
F16	22 Feb 2025	67	10.87	95.55	2.9	33.90	7.6	25.9	0.13
F16	22 Feb 2025	68	10.84	95.42	2.8	33.91	7.6	26.0	0.14
F16	22 Feb 2025	69	10.83	95.68	2.8	33.91	7.6	26.0	0.10
F16	22 Feb 2025	70	10.82	95.90	2.7	33.93	7.6	26.0	0.09
F16	22 Feb 2025	71	10.82	95.83	2.6	33.95	7.6	26.0	0.09
F16	22 Feb 2025	72	10.79	95.53	2.5	33.97	7.6	26.0	0.10

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F16	22 Feb 2025	73	10.79	94.43	2.5	33.97	7.6	26.0	0.14
F16	22 Feb 2025	74	10.78	94.35	2.4	33.97	7.6	26.0	0.23
F16	22 Feb 2025	75	10.78	94.21	2.4	33.97	7.6	26.0	0.12
F16	22 Feb 2025	76	10.78	93.84	2.4	33.98	7.6	26.0	0.18
F16	22 Feb 2025	77	10.78	93.04	2.3	33.98	7.6	26.0	0.13
F16	22 Feb 2025	78	10.77	92.21	2.3	33.99	7.6	26.0	0.14
F16	22 Feb 2025	79	10.75	90.54	2.2	33.99	7.6	26.0	0.18
F16	22 Feb 2025	80	10.74	88.81	2.2	34.00	7.6	26.0	0.19
F16	22 Feb 2025	81	10.73	88.45	2.2	34.00	7.6	26.0	0.20
F16	22 Feb 2025	82	10.74	86.55	2.2	34.00	7.6	26.0	0.20
F28	20 Feb 2025	1	15.12	93.08	8.4	33.36	8.1	24.7	0.20
F28	20 Feb 2025	2	14.84	92.96	8.4	33.38	8.1	24.8	0.21
F28	20 Feb 2025	3	14.71	93.06	8.4	33.35	8.1	24.8	0.22
F28	20 Feb 2025	4	14.66	93.12	8.5	33.35	8.1	24.8	0.23
F28	20 Feb 2025	5	14.62	93.04	8.5	33.35	8.1	24.8	0.24
F28	20 Feb 2025	6	14.60	92.87	8.5	33.35	8.1	24.8	0.26
F28	20 Feb 2025	7	14.60	92.89	8.5	33.35	8.1	24.8	0.29
F28	20 Feb 2025	8	14.56	92.86	8.5	33.35	8.1	24.8	0.30
F28	20 Feb 2025	9	14.54	92.88	8.5	33.35	8.1	24.8	0.33
F28	20 Feb 2025	10	14.52	92.93	8.5	33.35	8.1	24.8	0.36
F28	20 Feb 2025	11	14.50	92.81	8.5	33.35	8.1	24.8	0.40
F28	20 Feb 2025	12	14.49	92.58	8.5	33.35	8.1	24.8	0.45
F28	20 Feb 2025	13	14.45	92.59	8.5	33.35	8.1	24.8	0.48
F28	20 Feb 2025	14	14.44	92.65	8.5	33.35	8.1	24.8	0.60
F28	20 Feb 2025	15	14.42	92.42	8.5	33.35	8.1	24.8	0.73
F28	20 Feb 2025	16	14.41	92.22	8.5	33.35	8.1	24.8	0.83
F28	20 Feb 2025	17	14.40	91.73	8.5	33.35	8.1	24.8	0.94
F28	20 Feb 2025	18	14.38	91.97	8.5	33.35	8.1	24.8	1.09
F28	20 Feb 2025	19	14.33	91.70	8.5	33.35	8.1	24.8	1.31
F28	20 Feb 2025	20	14.26	91.57	8.5	33.35	8.1	24.9	1.45
F28	20 Feb 2025	21	14.20	91.18	8.4	33.35	8.1	24.9	1.58
F28	20 Feb 2025	22	14.10	91.13	8.3	33.35	8.1	24.9	1.81
F28	20 Feb 2025	23	13.93	91.07	8.0	33.36	8.1	24.9	1.88
F28	20 Feb 2025	24	13.73	91.67	7.7	33.36	8.1	25.0	1.70
F28	20 Feb 2025	25	13.18	92.74	7.1	33.41	8.0	25.1	1.60
F28	20 Feb 2025	26	12.88	93.27	6.6	33.40	8.0	25.2	1.49
F28	20 Feb 2025	27	12.81	93.71	6.5	33.40	8.0	25.2	1.52
F28	20 Feb 2025	28	12.64	93.81	6.3	33.41	7.9	25.2	1.46
F28	20 Feb 2025	29	12.46	94.29	6.1	33.41	7.9	25.3	1.25
F28	20 Feb 2025	30	12.30	94.85	5.9	33.42	7.9	25.3	1.04
F28	20 Feb 2025	31	12.10	95.06	5.7	33.44	7.9	25.4	1.00
F28	20 Feb 2025	32	12.08	95.11	5.6	33.44	7.9	25.4	1.03
F28	20 Feb 2025	33	11.96	95.15	5.4	33.45	7.9	25.4	1.02
F28	20 Feb 2025	34	11.92	95.26	5.3	33.46	7.8	25.4	1.07
F28	20 Feb 2025	35	11.61	95.30	5.1	33.50	7.8	25.5	0.95
F28	20 Feb 2025	36	11.56	95.81	5.0	33.51	7.8	25.5	0.75
F28	20 Feb 2025	37	11.51	96.17	4.8	33.53	7.8	25.5	0.74
F28	20 Feb 2025	38	11.37	96.16	4.5	33.58	7.8	25.6	0.62
F28	20 Feb 2025	39	11.19	96.13	4.2	33.65	7.8	25.7	0.46
F28	20 Feb 2025	40	11.13	96.18	4.1	33.67	7.8	25.7	0.46
F28	20 Feb 2025	41	11.05	96.26	3.9	33.70	7.8	25.8	0.31
F28	20 Feb 2025	42	11.04	96.34	3.9	33.70	7.7	25.8	0.28
F28	20 Feb 2025	43	11.02	96.26	3.9	33.71	7.7	25.8	0.27
F28	20 Feb 2025	44	10.98	96.37	3.9	33.71	7.7	25.8	0.25
F28	20 Feb 2025	45	10.94	96.54	3.8	33.72	7.7	25.8	0.22
F28	20 Feb 2025	46	10.91	96.60	3.8	33.73	7.7	25.8	0.20
F28	20 Feb 2025	47	10.86	96.69	3.8	33.73	7.7	25.8	0.18
F28	20 Feb 2025	48	10.84	96.91	3.8	33.73	7.7	25.8	0.14
F28	20 Feb 2025	49	10.89	96.85	3.6	33.81	7.7	25.9	0.14
F28	20 Feb 2025	50	10.89	96.70	3.4	33.82	7.7	25.9	0.14

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F28	20 Feb 2025	51	10.82	96.61	3.2	33.87	7.7	25.9	0.11
F28	20 Feb 2025	52	10.81	96.52	3.2	33.88	7.7	25.9	0.09
F28	20 Feb 2025	53	10.77	96.64	3.2	33.89	7.7	26.0	0.08
F28	20 Feb 2025	54	10.77	96.71	3.1	33.89	7.7	26.0	0.08
F28	20 Feb 2025	55	10.76	96.74	3.1	33.90	7.7	26.0	0.08
F28	20 Feb 2025	56	10.77	96.76	3.1	33.91	7.7	26.0	0.07
F28	20 Feb 2025	57	10.78	96.87	3.1	33.91	7.7	26.0	0.07
F28	20 Feb 2025	58	10.80	97.00	3.0	33.92	7.7	26.0	0.06
F28	20 Feb 2025	59	10.73	97.06	3.1	33.93	7.7	26.0	0.06
F28	20 Feb 2025	60	10.70	97.11	3.1	33.92	7.7	26.0	0.06
F28	20 Feb 2025	61	10.65	97.12	3.1	33.92	7.7	26.0	0.06
F28	20 Feb 2025	62	10.66	97.16	3.1	33.92	7.7	26.0	0.06
F28	20 Feb 2025	63	10.66	97.15	3.1	33.92	7.7	26.0	0.06
F28	20 Feb 2025	64	10.67	97.11	3.1	33.94	7.7	26.0	0.06
F28	20 Feb 2025	65	10.69	97.14	3.0	33.95	7.7	26.0	0.07
F28	20 Feb 2025	66	10.73	97.11	3.0	33.96	7.7	26.0	0.06
F28	20 Feb 2025	67	10.74	97.08	2.9	33.96	7.7	26.0	0.06
F28	20 Feb 2025	68	10.74	97.06	2.9	33.96	7.7	26.0	0.06
F28	20 Feb 2025	69	10.71	97.02	2.9	33.96	7.7	26.0	0.05
F28	20 Feb 2025	70	10.67	97.11	2.9	33.97	7.7	26.0	0.05
F28	20 Feb 2025	71	10.73	97.13	2.8	34.00	7.7	26.0	0.05
F28	20 Feb 2025	72	10.73	97.09	2.7	34.00	7.7	26.0	0.05
F28	20 Feb 2025	73	10.74	97.08	2.7	34.02	7.7	26.1	0.05
F28	20 Feb 2025	74	10.74	97.05	2.7	34.01	7.7	26.1	0.06
F28	20 Feb 2025	75	10.75	97.05	2.6	34.03	7.7	26.1	0.05
F28	20 Feb 2025	76	10.75	97.09	2.6	34.03	7.7	26.1	0.06
F28	20 Feb 2025	77	10.76	97.10	2.6	34.04	7.7	26.1	0.05
F28	20 Feb 2025	78	10.76	97.05	2.5	34.04	7.7	26.1	0.05
F28	20 Feb 2025	79	10.76	97.01	2.5	34.04	7.7	26.1	0.05
F28	20 Feb 2025	80	10.75	97.00	2.5	34.04	7.7	26.1	0.06
F28	20 Feb 2025	81	10.75	96.94	2.5	34.04	7.7	26.1	0.05
F28	20 Feb 2025	82	10.73	96.93	2.5	34.05	7.7	26.1	0.05
F28	20 Feb 2025	83	10.67	96.88	2.5	34.05	7.7	26.1	0.05
F28	20 Feb 2025	84	10.63	96.44	2.5	34.04	7.7	26.1	0.06
F28	20 Feb 2025	85	10.50	96.33	2.5	34.05	7.7	26.1	0.06
F28	20 Feb 2025	86	10.49	95.98	2.4	34.04	7.6	26.1	0.06
F28	20 Feb 2025	87	10.46	95.84	2.4	34.05	7.6	26.1	0.06
F28	20 Feb 2025	88	10.45	95.93	2.4	34.05	7.6	26.1	0.06
F28	20 Feb 2025	89	10.43	96.12	2.5	34.06	7.7	26.1	0.06
F28	20 Feb 2025	90	10.42	96.10	2.4	34.06	7.7	26.1	0.05
F28	20 Feb 2025	91	10.39	95.90	2.4	34.06	7.7	26.2	0.06
F28	20 Feb 2025	92	10.39	95.81	2.4	34.06	7.6	26.2	0.05
F28	20 Feb 2025	93	10.37	95.68	2.4	34.06	7.6	26.2	0.06
F28	20 Feb 2025	94	10.37	95.66	2.4	34.06	7.6	26.2	0.06
F28	20 Feb 2025	95	10.37	95.89	2.4	34.07	7.6	26.2	0.06
F28	20 Feb 2025	96	10.36	96.07	2.4	34.07	7.7	26.2	0.05
F28	20 Feb 2025	97	10.33	95.68	2.4	34.07	7.6	26.2	0.05
F28	20 Feb 2025	98	10.29	94.54	2.4	34.08	7.6	26.2	0.06
F28	20 Feb 2025	99	10.28	93.53	2.3	34.08	7.6	26.2	0.06
F28	20 Feb 2025	100	10.28	92.90	2.3	34.08	7.6	26.2	0.06
F28	20 Feb 2025	101	10.29	92.88	2.3	34.08	7.6	26.2	0.06
F17	22 Feb 2025	1	15.08	93.99	8.6	33.31	8.1	24.6	0.19
F17	22 Feb 2025	2	15.05	93.89	8.5	33.31	8.1	24.7	0.16
F17	22 Feb 2025	3	14.91	94.12	8.5	33.33	8.1	24.7	0.16
F17	22 Feb 2025	4	14.84	94.69	8.4	33.33	8.1	24.7	0.15
F17	22 Feb 2025	5	14.75	95.09	8.4	33.34	8.1	24.7	0.15
F17	22 Feb 2025	6	14.67	95.05	8.4	33.34	8.1	24.8	0.15
F17	22 Feb 2025	7	14.67	94.99	8.4	33.34	8.1	24.8	0.16
F17	22 Feb 2025	8	14.65	95.07	8.4	33.34	8.1	24.8	0.18
F17	22 Feb 2025	9	14.62	95.03	8.4	33.34	8.1	24.8	0.19



Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F17	22 Feb 2025	10	14.60	94.92	8.4	33.33	8.1	24.8	0.22
F17	22 Feb 2025	11	14.35	94.73	8.4	33.35	8.1	24.8	0.28
F17	22 Feb 2025	12	14.11	94.40	8.3	33.35	8.1	24.9	0.84
F17	22 Feb 2025	13	13.94	92.97	8.1	33.36	8.1	24.9	1.53
F17	22 Feb 2025	14	13.67	91.06	7.7	33.39	8.0	25.0	2.29
F17	22 Feb 2025	15	13.21	91.39	7.1	33.41	8.0	25.1	1.38
F17	22 Feb 2025	16	12.86	93.55	6.6	33.43	7.9	25.2	1.01
F17	22 Feb 2025	17	12.67	94.06	6.3	33.43	7.9	25.2	1.09
F17	22 Feb 2025	18	12.45	94.19	6.0	33.45	7.9	25.3	1.14
F17	22 Feb 2025	19	12.16	94.39	5.8	33.47	7.9	25.4	1.05
F17	22 Feb 2025	20	12.02	94.79	5.5	33.46	7.8	25.4	0.97
F17	22 Feb 2025	21	11.98	95.11	5.4	33.46	7.8	25.4	0.89
F17	22 Feb 2025	22	11.89	94.91	5.3	33.48	7.8	25.4	0.88
F17	22 Feb 2025	23	11.74	95.39	5.2	33.49	7.8	25.5	0.78
F17	22 Feb 2025	24	11.68	95.52	5.1	33.50	7.8	25.5	0.72
F17	22 Feb 2025	25	11.59	95.73	4.9	33.52	7.8	25.5	0.68
F17	22 Feb 2025	26	11.49	95.86	4.8	33.55	7.8	25.6	0.57
F17	22 Feb 2025	27	11.47	95.96	4.7	33.55	7.8	25.6	0.51
F17	22 Feb 2025	28	11.44	95.96	4.7	33.55	7.8	25.6	0.52
F17	22 Feb 2025	29	11.43	95.94	4.6	33.56	7.8	25.6	0.52
F17	22 Feb 2025	30	11.43	95.97	4.6	33.56	7.8	25.6	0.52
F17	22 Feb 2025	31	11.41	96.21	4.6	33.57	7.8	25.6	0.53
F17	22 Feb 2025	32	11.38	96.29	4.5	33.58	7.8	25.6	0.53
F17	22 Feb 2025	33	11.37	96.18	4.5	33.58	7.8	25.6	0.52
F17	22 Feb 2025	34	11.37	96.19	4.5	33.58	7.8	25.6	0.55
F17	22 Feb 2025	35	11.37	96.14	4.4	33.58	7.8	25.6	0.56
F17	22 Feb 2025	36	11.35	95.84	4.4	33.59	7.8	25.6	0.61
F17	22 Feb 2025	37	11.32	95.70	4.3	33.60	7.8	25.6	0.59
F17	22 Feb 2025	38	11.28	95.91	4.3	33.62	7.7	25.6	0.55
F17	22 Feb 2025	39	11.26	95.91	4.2	33.62	7.7	25.7	0.56
F17	22 Feb 2025	40	11.25	95.59	4.2	33.63	7.7	25.7	0.60
F17	22 Feb 2025	41	11.24	95.76	4.1	33.64	7.7	25.7	0.67
F17	22 Feb 2025	42	11.23	96.18	4.1	33.65	7.7	25.7	0.50
F17	22 Feb 2025	43	11.22	96.25	4.0	33.65	7.7	25.7	0.51
F17	22 Feb 2025	44	11.21	96.33	4.0	33.66	7.7	25.7	0.46
F17	22 Feb 2025	45	11.21	96.39	4.0	33.64	7.7	25.7	0.46
F17	22 Feb 2025	46	11.18	96.41	4.0	33.67	7.7	25.7	0.47
F17	22 Feb 2025	47	11.14	96.30	3.9	33.68	7.7	25.7	0.43
F17	22 Feb 2025	48	11.12	96.09	3.9	33.69	7.7	25.7	0.41
F17	22 Feb 2025	49	11.10	96.12	3.9	33.69	7.7	25.7	0.41
F17	22 Feb 2025	50	11.08	96.09	3.8	33.70	7.7	25.7	0.41
F17	22 Feb 2025	51	11.03	96.09	3.8	33.72	7.7	25.8	0.37
F17	22 Feb 2025	52	11.01	96.10	3.8	33.73	7.7	25.8	0.33
F17	22 Feb 2025	53	10.99	96.21	3.7	33.73	7.7	25.8	0.31
F17	22 Feb 2025	54	10.96	96.31	3.7	33.74	7.7	25.8	0.29
F17	22 Feb 2025	55	10.89	96.32	3.6	33.77	7.7	25.8	0.26
F17	22 Feb 2025	56	10.84	96.36	3.6	33.79	7.7	25.9	0.20
F17	22 Feb 2025	57	10.82	96.36	3.5	33.79	7.7	25.9	0.17
F17	22 Feb 2025	58	10.82	96.20	3.5	33.79	7.7	25.9	0.16
F17	22 Feb 2025	59	10.81	96.43	3.5	33.79	7.7	25.9	0.17
F17	22 Feb 2025	60	10.81	96.51	3.5	33.79	7.7	25.9	0.16
F17	22 Feb 2025	61	10.81	96.59	3.5	33.80	7.7	25.9	0.15
F17	22 Feb 2025	62	10.81	96.65	3.4	33.82	7.7	25.9	0.14
F17	22 Feb 2025	63	10.82	96.67	3.3	33.85	7.7	25.9	0.12
F17	22 Feb 2025	64	10.80	96.63	3.2	33.86	7.7	25.9	0.12
F17	22 Feb 2025	65	10.77	96.62	3.2	33.87	7.7	25.9	0.10
F17	22 Feb 2025	66	10.76	96.59	3.2	33.87	7.7	25.9	0.10
F17	22 Feb 2025	67	10.73	96.52	3.2	33.87	7.7	25.9	0.10
F17	22 Feb 2025	68	10.72	96.36	3.2	33.87	7.7	25.9	0.10
F17	22 Feb 2025	69	10.72	96.27	3.1	33.87	7.7	25.9	0.10
F17	22 Feb 2025	70	10.73	96.23	3.1	33.88	7.7	25.9	0.10

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F17	22 Feb 2025	71	10.77	96.10	3.0	33.89	7.7	25.9	0.10
F17	22 Feb 2025	72	10.85	95.78	2.8	33.92	7.6	26.0	0.11
F17	22 Feb 2025	73	10.86	95.10	2.5	33.95	7.6	26.0	0.11
F17	22 Feb 2025	74	10.83	94.47	2.4	33.96	7.6	26.0	0.11
F17	22 Feb 2025	75	10.81	93.91	2.4	33.97	7.6	26.0	0.11
F17	22 Feb 2025	76	10.80	92.49	2.3	33.97	7.6	26.0	0.15
F17	22 Feb 2025	77	10.78	92.08	2.3	33.98	7.6	26.0	0.14
F17	22 Feb 2025	78	10.78	91.16	2.2	33.98	7.6	26.0	0.15
F17	22 Feb 2025	79	10.76	88.95	2.2	33.99	7.6	26.0	0.16
F17	22 Feb 2025	80	10.72	88.07	2.1	34.00	7.6	26.0	0.16
F17	22 Feb 2025	81	10.67	87.19	2.1	34.00	7.6	26.1	0.16
F17	22 Feb 2025	82	10.66	85.71	2.0	34.00	7.6	26.1	0.14
F06	21 Feb 2025	1	14.89	90.10	8.9	33.29	8.1	24.7	0.36
F06	21 Feb 2025	2	14.81	90.05	8.9	33.30	8.1	24.7	0.37
F06	21 Feb 2025	3	14.73	89.87	9.0	33.29	8.1	24.7	0.39
F06	21 Feb 2025	4	14.68	89.11	8.9	33.30	8.1	24.7	0.48
F06	21 Feb 2025	5	14.60	89.46	8.9	33.31	8.1	24.8	0.66
F06	21 Feb 2025	6	14.54	89.99	8.9	33.31	8.1	24.8	0.79
F06	21 Feb 2025	7	14.52	89.74	8.9	33.31	8.1	24.8	0.89
F06	21 Feb 2025	8	14.50	89.48	8.9	33.31	8.1	24.8	1.19
F06	21 Feb 2025	9	14.38	89.36	8.7	33.33	8.1	24.8	1.32
F06	21 Feb 2025	10	14.10	88.98	8.4	33.37	8.1	24.9	1.97
F06	21 Feb 2025	11	13.76	88.62	8.1	33.40	8.0	25.0	3.17
F06	21 Feb 2025	12	13.55	88.08	7.7	33.39	8.0	25.0	2.61
F06	21 Feb 2025	13	13.34	89.79	7.3	33.43	8.0	25.1	2.30
F06	21 Feb 2025	14	12.99	90.58	6.8	33.45	7.9	25.2	1.99
F06	21 Feb 2025	15	12.67	91.60	6.5	33.45	7.9	25.3	1.65
F06	21 Feb 2025	16	12.50	92.40	6.2	33.48	7.9	25.3	1.31
F06	21 Feb 2025	17	12.50	92.41	6.0	33.48	7.8	25.3	1.54
F06	21 Feb 2025	18	12.47	91.47	6.0	33.50	7.8	25.3	1.57
F06	21 Feb 2025	19	12.37	89.81	5.9	33.50	7.8	25.4	1.70
F06	21 Feb 2025	20	12.31	89.41	5.7	33.51	7.8	25.4	1.59
F06	21 Feb 2025	21	12.30	88.86	5.6	33.51	7.8	25.4	1.47
F06	21 Feb 2025	22	12.28	87.41	5.5	33.51	7.8	25.4	1.36
F06	21 Feb 2025	23	12.19	86.48	5.4	33.52	7.8	25.4	1.42
F06	21 Feb 2025	24	12.09	87.30	5.4	33.50	7.8	25.4	1.36
F06	21 Feb 2025	25	12.01	90.52	5.4	33.50	7.8	25.4	1.21
F06	21 Feb 2025	26	11.97	92.19	5.2	33.52	7.8	25.4	1.22
F06	21 Feb 2025	27	11.88	91.10	5.0	33.54	7.8	25.5	1.33
F06	21 Feb 2025	28	11.91	89.00	4.8	33.56	7.8	25.5	0.96
F06	21 Feb 2025	29	11.83	87.21	4.6	33.59	7.7	25.5	0.88
F06	21 Feb 2025	30	11.70	86.01	4.4	33.60	7.7	25.6	0.83
F06	21 Feb 2025	31	11.64	85.39	4.3	33.59	7.7	25.6	0.80
F06	21 Feb 2025	32	11.60	83.84	4.3	33.59	7.7	25.6	0.87
F06	21 Feb 2025	33	11.54	84.56	4.2	33.60	7.7	25.6	0.85
F06	21 Feb 2025	34	11.51	85.63	4.2	33.60	7.7	25.6	0.76
F06	21 Feb 2025	35	11.46	87.19	4.1	33.65	7.7	25.6	0.73
F06	21 Feb 2025	36	11.32	89.01	3.9	33.70	7.7	25.7	0.46
F06	21 Feb 2025	37	11.26	89.74	3.8	33.70	7.7	25.7	0.40
F06	21 Feb 2025	38	11.07	91.06	3.8	33.71	7.7	25.8	0.41
F06	21 Feb 2025	39	11.02	92.59	3.7	33.74	7.7	25.8	0.47
F06	21 Feb 2025	40	10.99	93.74	3.6	33.76	7.7	25.8	0.29
F06	21 Feb 2025	41	10.97	94.51	3.5	33.78	7.7	25.8	0.23
F06	21 Feb 2025	42	10.94	94.40	3.3	33.81	7.6	25.9	0.22
F06	21 Feb 2025	43	10.93	95.08	3.2	33.82	7.6	25.9	0.22
F06	21 Feb 2025	44	10.92	94.92	3.1	33.83	7.6	25.9	0.18
F06	21 Feb 2025	45	10.92	94.85	3.1	33.84	7.6	25.9	0.17
F06	21 Feb 2025	46	10.93	94.60	3.0	33.84	7.6	25.9	0.17
F06	21 Feb 2025	47	10.93	94.04	2.9	33.86	7.6	25.9	0.21
F06	21 Feb 2025	48	10.93	93.65	2.9	33.86	7.6	25.9	0.17

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F06	21 Feb 2025	49	10.93	93.38	2.8	33.87	7.6	25.9	0.15
F06	21 Feb 2025	50	10.93	93.12	2.8	33.87	7.6	25.9	0.15
F06	21 Feb 2025	51	10.93	92.92	2.8	33.87	7.6	25.9	0.14
F06	21 Feb 2025	52	10.93	92.50	2.8	33.87	7.6	25.9	0.15
F06	21 Feb 2025	53	10.93	92.73	2.8	33.87	7.6	25.9	0.15
F06	21 Feb 2025	54	10.93	92.55	2.7	33.88	7.6	25.9	0.17
F06	21 Feb 2025	55	10.92	92.10	2.7	33.88	7.6	25.9	0.14
F06	21 Feb 2025	56	10.92	91.81	2.6	33.89	7.6	25.9	0.14
F06	21 Feb 2025	57	10.90	91.46	2.6	33.91	7.6	25.9	0.13
F06	21 Feb 2025	58	10.90	90.78	2.5	33.92	7.6	26.0	0.13
F06	21 Feb 2025	59	10.90	90.40	2.5	33.92	7.6	26.0	0.16
F06	21 Feb 2025	60	10.89	90.33	2.5	33.92	7.6	26.0	0.32
F06	21 Feb 2025	61	10.89	90.01	2.4	33.93	7.6	26.0	0.14
F06	21 Feb 2025	62	10.89	86.91	2.4	33.93	7.6	26.0	0.18
F01	21 Feb 2025	1	14.92	89.59	8.8	33.34	8.1	24.7	0.50
F01	21 Feb 2025	2	14.80	89.77	8.8	33.36	8.1	24.7	0.55
F01	21 Feb 2025	3	14.53	89.13	9.1	33.40	8.1	24.8	0.79
F01	21 Feb 2025	4	14.41	88.24	9.5	33.40	8.1	24.9	1.00
F01	21 Feb 2025	5	14.30	87.53	9.8	33.41	8.2	24.9	1.07
F01	21 Feb 2025	6	14.25	87.41	9.9	33.40	8.2	24.9	1.28
F01	21 Feb 2025	7	14.12	87.40	10.0	33.41	8.2	24.9	1.69
F01	21 Feb 2025	8	14.05	86.43	9.9	33.40	8.1	24.9	2.68
F01	21 Feb 2025	9	14.03	85.90	9.8	33.40	8.1	24.9	3.36
F01	21 Feb 2025	10	14.00	85.00	9.5	33.41	8.1	25.0	3.68
F01	21 Feb 2025	11	13.82	84.31	8.8	33.43	8.1	25.0	3.58
F01	21 Feb 2025	12	13.60	82.11	8.3	33.44	8.0	25.1	2.90
F01	21 Feb 2025	13	13.39	83.07	8.0	33.45	8.0	25.1	3.18
F01	21 Feb 2025	14	13.24	83.80	7.7	33.46	8.0	25.2	3.23
F01	21 Feb 2025	15	13.10	84.39	7.2	33.47	7.9	25.2	3.01
F01	21 Feb 2025	16	13.04	84.92	6.9	33.47	7.9	25.2	2.88
F01	21 Feb 2025	17	12.94	84.66	6.6	33.49	7.9	25.2	2.55
F01	21 Feb 2025	18	12.72	85.55	6.1	33.51	7.9	25.3	1.77
F01	21 Feb 2025	19	12.56	83.49	5.5	33.52	7.8	25.3	1.41
F01	21 Feb 2025	20	12.74	76.96	5.5	33.49	7.8	25.3	1.55
F29	20 Feb 2025	1	15.08	93.78	8.4	33.37	8.1	24.7	0.17
F29	20 Feb 2025	2	14.83	93.74	8.4	33.37	8.1	24.8	0.18
F29	20 Feb 2025	3	14.76	93.72	8.4	33.35	8.1	24.8	0.18
F29	20 Feb 2025	4	14.73	93.58	8.4	33.35	8.1	24.8	0.22
F29	20 Feb 2025	5	14.72	93.49	8.4	33.35	8.1	24.8	0.25
F29	20 Feb 2025	6	14.70	93.49	8.4	33.35	8.1	24.8	0.25
F29	20 Feb 2025	7	14.68	93.56	8.4	33.35	8.1	24.8	0.25
F29	20 Feb 2025	8	14.66	93.55	8.5	33.35	8.1	24.8	0.27
F29	20 Feb 2025	9	14.65	93.51	8.5	33.35	8.1	24.8	0.29
F29	20 Feb 2025	10	14.64	93.54	8.5	33.35	8.1	24.8	0.31
F29	20 Feb 2025	11	14.62	93.42	8.4	33.35	8.1	24.8	0.31
F29	20 Feb 2025	12	14.62	93.62	8.5	33.35	8.1	24.8	0.33
F29	20 Feb 2025	13	14.59	93.70	8.5	33.35	8.1	24.8	0.36
F29	20 Feb 2025	14	14.57	93.67	8.5	33.35	8.1	24.8	0.39
F29	20 Feb 2025	15	14.49	93.66	8.5	33.35	8.1	24.8	0.39
F29	20 Feb 2025	16	14.39	93.53	8.5	33.35	8.1	24.8	0.54
F29	20 Feb 2025	17	14.35	92.97	8.4	33.35	8.1	24.8	0.86
F29	20 Feb 2025	18	14.16	92.76	8.3	33.36	8.1	24.9	1.00
F29	20 Feb 2025	19	14.02	92.71	8.2	33.36	8.1	24.9	1.28
F29	20 Feb 2025	20	13.95	92.70	8.0	33.36	8.1	24.9	1.43
F29	20 Feb 2025	21	13.90	92.78	7.9	33.36	8.1	24.9	1.46
F29	20 Feb 2025	22	13.65	93.07	7.6	33.38	8.1	25.0	1.42
F29	20 Feb 2025	23	13.19	93.42	7.1	33.40	8.0	25.1	1.33
F29	20 Feb 2025	24	12.99	93.67	6.8	33.39	8.0	25.1	1.33
F29	20 Feb 2025	25	12.65	93.89	6.5	33.41	8.0	25.2	1.16

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F29	20 Feb 2025	26	12.50	94.42	6.3	33.41	7.9	25.3	0.86
F29	20 Feb 2025	27	12.40	95.24	6.1	33.41	7.9	25.3	0.76
F29	20 Feb 2025	28	12.36	95.18	6.0	33.41	7.9	25.3	0.76
F29	20 Feb 2025	29	12.23	95.47	5.9	33.42	7.9	25.3	0.68
F29	20 Feb 2025	30	12.15	95.67	5.8	33.43	7.9	25.3	0.69
F29	20 Feb 2025	31	12.13	95.65	5.7	33.43	7.9	25.3	0.73
F29	20 Feb 2025	32	12.05	95.62	5.6	33.44	7.9	25.4	0.77
F29	20 Feb 2025	33	11.84	95.64	5.4	33.47	7.9	25.4	0.82
F29	20 Feb 2025	34	11.67	95.67	5.2	33.50	7.8	25.5	0.81
F29	20 Feb 2025	35	11.52	95.68	5.0	33.52	7.8	25.5	0.73
F29	20 Feb 2025	36	11.49	95.88	4.8	33.53	7.8	25.5	0.65
F29	20 Feb 2025	37	11.43	96.07	4.7	33.55	7.8	25.6	0.63
F29	20 Feb 2025	38	11.41	96.14	4.6	33.55	7.8	25.6	0.60
F29	20 Feb 2025	39	11.39	96.24	4.6	33.56	7.8	25.6	0.58
F29	20 Feb 2025	40	11.39	96.29	4.6	33.56	7.8	25.6	0.57
F29	20 Feb 2025	41	11.40	96.35	4.6	33.56	7.8	25.6	0.59
F29	20 Feb 2025	42	11.31	96.32	4.4	33.60	7.8	25.6	0.54
F29	20 Feb 2025	43	11.18	96.26	4.2	33.66	7.8	25.7	0.46
F29	20 Feb 2025	44	11.13	96.04	4.0	33.68	7.8	25.7	0.38
F29	20 Feb 2025	45	11.09	95.88	3.9	33.70	7.7	25.7	0.35
F29	20 Feb 2025	46	11.07	95.75	3.8	33.71	7.7	25.8	0.33
F29	20 Feb 2025	47	11.02	95.77	3.8	33.72	7.7	25.8	0.35
F29	20 Feb 2025	48	10.95	95.82	3.7	33.75	7.7	25.8	0.24
F29	20 Feb 2025	49	10.96	96.09	3.7	33.74	7.7	25.8	0.21
F29	20 Feb 2025	50	10.90	96.22	3.7	33.76	7.7	25.8	0.20
F29	20 Feb 2025	51	10.86	96.40	3.6	33.77	7.7	25.8	0.16
F29	20 Feb 2025	52	10.85	96.62	3.6	33.78	7.7	25.9	0.16
F29	20 Feb 2025	53	10.84	96.70	3.6	33.79	7.7	25.9	0.16
F29	20 Feb 2025	54	10.84	96.72	3.5	33.80	7.7	25.9	0.12
F29	20 Feb 2025	55	10.85	96.77	3.5	33.82	7.7	25.9	0.12
F29	20 Feb 2025	56	10.88	96.78	3.3	33.85	7.7	25.9	0.10
F29	20 Feb 2025	57	10.88	96.80	3.2	33.85	7.7	25.9	0.10
F29	20 Feb 2025	58	10.88	96.80	3.2	33.85	7.7	25.9	0.10
F29	20 Feb 2025	59	10.85	96.74	3.2	33.87	7.7	25.9	0.10
F29	20 Feb 2025	60	10.81	96.62	3.1	33.88	7.7	25.9	0.09
F29	20 Feb 2025	61	10.79	96.49	3.1	33.89	7.7	25.9	0.09
F29	20 Feb 2025	62	10.79	96.54	3.1	33.89	7.7	26.0	0.09
F29	20 Feb 2025	63	10.78	96.54	3.1	33.90	7.7	26.0	0.08
F29	20 Feb 2025	64	10.77	96.52	3.1	33.90	7.7	26.0	0.08
F29	20 Feb 2025	65	10.77	96.48	3.1	33.90	7.7	26.0	0.08
F29	20 Feb 2025	66	10.76	96.51	3.1	33.90	7.7	26.0	0.09
F29	20 Feb 2025	67	10.76	96.46	3.1	33.90	7.7	26.0	0.08
F29	20 Feb 2025	68	10.76	96.38	3.1	33.91	7.7	26.0	0.08
F29	20 Feb 2025	69	10.72	96.52	3.1	33.93	7.7	26.0	0.08
F29	20 Feb 2025	70	10.67	96.59	3.1	33.94	7.7	26.0	0.07
F29	20 Feb 2025	71	10.69	97.01	3.1	33.94	7.7	26.0	0.07
F29	20 Feb 2025	72	10.73	97.13	2.9	33.97	7.7	26.0	0.06
F29	20 Feb 2025	73	10.77	97.07	2.8	33.99	7.7	26.0	0.05
F29	20 Feb 2025	74	10.77	97.04	2.8	33.99	7.7	26.0	0.05
F29	20 Feb 2025	75	10.75	97.04	2.8	33.99	7.7	26.0	0.05
F29	20 Feb 2025	76	10.67	97.12	2.8	33.99	7.7	26.0	0.05
F29	20 Feb 2025	77	10.64	97.15	2.9	34.00	7.7	26.1	0.05
F29	20 Feb 2025	78	10.66	97.13	2.8	34.00	7.7	26.1	0.05
F29	20 Feb 2025	79	10.69	97.11	2.7	34.02	7.7	26.1	0.07
F29	20 Feb 2025	80	10.71	97.16	2.7	34.03	7.7	26.1	0.07
F29	20 Feb 2025	81	10.72	97.11	2.6	34.04	7.7	26.1	0.06
F29	20 Feb 2025	82	10.69	97.10	2.6	34.04	7.7	26.1	0.05
F29	20 Feb 2025	83	10.63	97.12	2.6	34.05	7.7	26.1	0.05
F29	20 Feb 2025	84	10.61	96.99	2.6	34.05	7.7	26.1	0.05
F29	20 Feb 2025	85	10.55	96.98	2.6	34.06	7.7	26.1	0.05
F29	20 Feb 2025	86	10.53	97.00	2.6	34.06	7.7	26.1	0.05

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F29	20 Feb 2025	87	10.51	96.80	2.6	34.06	7.7	26.1	0.05
F29	20 Feb 2025	88	10.51	96.61	2.5	34.06	7.7	26.1	0.05
F29	20 Feb 2025	89	10.50	96.42	2.5	34.06	7.7	26.1	0.05
F29	20 Feb 2025	90	10.49	96.35	2.5	34.06	7.7	26.1	0.05
F29	20 Feb 2025	91	10.48	96.34	2.5	34.07	7.7	26.1	0.05
F29	20 Feb 2025	92	10.46	96.35	2.5	34.07	7.7	26.1	0.06
F29	20 Feb 2025	93	10.46	96.22	2.5	34.07	7.7	26.1	0.05
F29	20 Feb 2025	94	10.41	96.02	2.5	34.07	7.7	26.2	0.06
F29	20 Feb 2025	95	10.35	95.39	2.4	34.08	7.6	26.2	0.05
F29	20 Feb 2025	96	10.30	94.88	2.4	34.08	7.6	26.2	0.06
F29	20 Feb 2025	97	10.30	94.39	2.4	34.08	7.6	26.2	0.06
F29	20 Feb 2025	98	10.29	94.17	2.4	34.08	7.6	26.2	0.06
F29	20 Feb 2025	99	10.29	93.89	2.4	34.09	7.6	26.2	0.06
F29	20 Feb 2025	100	10.29	93.63	2.4	34.09	7.6	26.2	0.06
F18	22 Feb 2025	1	15.05	93.41	8.7	33.30	8.1	24.7	0.22
F18	22 Feb 2025	2	15.01	93.36	8.7	33.30	8.1	24.7	0.21
F18	22 Feb 2025	3	15.02	93.23	8.6	33.30	8.1	24.7	0.21
F18	22 Feb 2025	4	14.93	93.21	8.6	33.32	8.1	24.7	0.25
F18	22 Feb 2025	5	14.87	93.44	8.5	33.33	8.1	24.7	0.26
F18	22 Feb 2025	6	14.78	93.93	8.4	33.34	8.1	24.7	0.21
F18	22 Feb 2025	7	14.72	94.59	8.5	33.34	8.1	24.8	0.21
F18	22 Feb 2025	8	14.71	94.87	8.4	33.34	8.1	24.8	0.21
F18	22 Feb 2025	9	14.70	94.85	8.4	33.34	8.1	24.8	0.23
F18	22 Feb 2025	10	14.68	94.90	8.5	33.34	8.1	24.8	0.24
F18	22 Feb 2025	11	14.66	94.83	8.5	33.33	8.1	24.8	0.26
F18	22 Feb 2025	12	14.55	94.64	8.5	33.33	8.1	24.8	0.31
F18	22 Feb 2025	13	14.49	94.24	8.6	33.32	8.1	24.8	0.41
F18	22 Feb 2025	14	14.41	93.77	8.6	33.31	8.1	24.8	0.55
F18	22 Feb 2025	15	14.35	93.15	8.6	33.31	8.1	24.8	0.80
F18	22 Feb 2025	16	14.31	92.70	8.5	33.32	8.1	24.8	1.14
F18	22 Feb 2025	17	14.12	91.75	8.3	33.35	8.1	24.9	2.06
F18	22 Feb 2025	18	14.02	91.02	8.1	33.36	8.1	24.9	2.11
F18	22 Feb 2025	19	13.78	91.53	7.8	33.37	8.1	25.0	2.02
F18	22 Feb 2025	20	13.48	92.15	7.4	33.39	8.0	25.0	2.33
F18	22 Feb 2025	21	13.34	92.20	7.1	33.39	8.0	25.1	2.50
F18	22 Feb 2025	22	12.88	92.10	6.6	33.45	8.0	25.2	2.18
F18	22 Feb 2025	23	12.27	92.93	5.9	33.47	7.9	25.4	1.30
F18	22 Feb 2025	24	11.86	93.93	5.4	33.50	7.8	25.5	1.05
F18	22 Feb 2025	25	11.67	95.19	5.1	33.50	7.8	25.5	0.77
F18	22 Feb 2025	26	11.66	95.40	5.0	33.50	7.8	25.5	0.74
F18	22 Feb 2025	27	11.54	95.49	4.9	33.52	7.8	25.5	0.78
F18	22 Feb 2025	28	11.39	95.30	4.7	33.56	7.8	25.6	0.66
F18	22 Feb 2025	29	11.34	95.84	4.6	33.58	7.8	25.6	0.60
F18	22 Feb 2025	30	11.30	95.83	4.5	33.60	7.8	25.6	0.53
F18	22 Feb 2025	31	11.29	96.16	4.4	33.61	7.8	25.6	0.51
F18	22 Feb 2025	32	11.29	96.06	4.3	33.61	7.8	25.6	0.52
F18	22 Feb 2025	33	11.28	96.20	4.3	33.62	7.7	25.6	0.52
F18	22 Feb 2025	34	11.27	96.22	4.3	33.62	7.7	25.7	0.52
F18	22 Feb 2025	35	11.26	96.26	4.2	33.63	7.7	25.7	0.55
F18	22 Feb 2025	36	11.25	96.25	4.2	33.63	7.7	25.7	0.52
F18	22 Feb 2025	37	11.24	96.23	4.2	33.64	7.7	25.7	0.49
F18	22 Feb 2025	38	11.24	96.18	4.2	33.64	7.7	25.7	0.50
F18	22 Feb 2025	39	11.23	96.32	4.1	33.65	7.7	25.7	0.49
F18	22 Feb 2025	40	11.20	96.37	4.1	33.66	7.7	25.7	0.47
F18	22 Feb 2025	41	11.16	96.37	4.0	33.69	7.7	25.7	0.46
F18	22 Feb 2025	42	11.14	96.45	3.9	33.70	7.7	25.7	0.42
F18	22 Feb 2025	43	11.11	96.53	3.8	33.71	7.7	25.7	0.40
F18	22 Feb 2025	44	11.07	96.53	3.8	33.72	7.7	25.8	0.38
F18	22 Feb 2025	45	10.95	96.56	3.8	33.74	7.7	25.8	0.34
F18	22 Feb 2025	46	10.87	96.59	3.7	33.76	7.7	25.8	0.26

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F18	22 Feb 2025	47	10.86	96.65	3.7	33.76	7.7	25.8	0.24
F18	22 Feb 2025	48	10.83	96.57	3.6	33.78	7.7	25.9	0.21
F18	22 Feb 2025	49	10.82	96.69	3.6	33.78	7.7	25.9	0.20
F18	22 Feb 2025	50	10.81	96.68	3.6	33.79	7.7	25.9	0.17
F18	22 Feb 2025	51	10.79	96.60	3.5	33.81	7.7	25.9	0.16
F18	22 Feb 2025	52	10.78	96.64	3.5	33.82	7.7	25.9	0.14
F18	22 Feb 2025	53	10.78	96.68	3.4	33.82	7.7	25.9	0.13
F18	22 Feb 2025	54	10.78	96.66	3.4	33.83	7.7	25.9	0.13
F18	22 Feb 2025	55	10.77	96.55	3.4	33.84	7.7	25.9	0.12
F18	22 Feb 2025	56	10.77	96.59	3.4	33.84	7.7	25.9	0.11
F18	22 Feb 2025	57	10.77	96.65	3.3	33.84	7.7	25.9	0.11
F18	22 Feb 2025	58	10.77	96.56	3.3	33.86	7.7	25.9	0.11
F18	22 Feb 2025	59	10.78	96.60	3.2	33.88	7.7	25.9	0.10
F18	22 Feb 2025	60	10.78	96.60	3.2	33.88	7.7	25.9	0.09
F18	22 Feb 2025	61	10.78	96.57	3.1	33.88	7.7	25.9	0.09
F18	22 Feb 2025	62	10.78	96.56	3.1	33.89	7.7	25.9	0.09
F18	22 Feb 2025	63	10.78	96.56	3.1	33.89	7.7	26.0	0.09
F18	22 Feb 2025	64	10.78	96.59	3.1	33.89	7.7	26.0	0.09
F18	22 Feb 2025	65	10.78	96.61	3.1	33.89	7.7	26.0	0.09
F18	22 Feb 2025	66	10.78	96.59	3.1	33.89	7.7	26.0	0.10
F18	22 Feb 2025	67	10.78	96.61	3.1	33.89	7.7	26.0	0.09
F18	22 Feb 2025	68	10.77	96.53	3.1	33.89	7.7	26.0	0.10
F18	22 Feb 2025	69	10.76	96.46	3.0	33.89	7.7	26.0	0.09
F18	22 Feb 2025	70	10.76	96.39	3.0	33.89	7.7	26.0	0.09
F18	22 Feb 2025	71	10.76	96.33	3.0	33.89	7.7	26.0	0.09
F18	22 Feb 2025	72	10.76	96.30	3.0	33.90	7.7	26.0	0.10
F18	22 Feb 2025	73	10.77	96.24	2.9	33.90	7.6	26.0	0.10
F18	22 Feb 2025	74	10.78	95.84	2.8	33.93	7.6	26.0	0.10
F18	22 Feb 2025	75	10.78	95.42	2.6	33.94	7.6	26.0	0.10
F18	22 Feb 2025	76	10.80	94.03	2.4	33.95	7.6	26.0	0.11
F18	22 Feb 2025	77	10.79	91.33	2.3	33.95	7.6	26.0	0.12
F18	22 Feb 2025	78	10.68	90.10	2.3	33.97	7.6	26.0	0.13
F18	22 Feb 2025	79	10.61	88.73	2.2	33.98	7.6	26.0	0.12
F18	22 Feb 2025	80	10.59	88.22	2.2	33.98	7.6	26.1	0.24
F18	22 Feb 2025	81	10.57	87.97	2.1	33.98	7.6	26.1	0.17
F07	21 Feb 2025	1	15.10	92.10	8.7	33.30	8.1	24.6	0.28
F07	21 Feb 2025	2	15.05	91.86	8.7	33.32	8.1	24.7	0.29
F07	21 Feb 2025	3	14.90	91.67	8.8	33.31	8.1	24.7	0.33
F07	21 Feb 2025	4	14.88	91.35	8.8	33.31	8.1	24.7	0.41
F07	21 Feb 2025	5	14.86	91.54	8.8	33.31	8.1	24.7	0.48
F07	21 Feb 2025	6	14.81	91.49	8.8	33.31	8.1	24.7	0.58
F07	21 Feb 2025	7	14.75	91.67	8.8	33.31	8.1	24.7	0.69
F07	21 Feb 2025	8	14.56	91.35	8.9	33.33	8.1	24.8	0.75
F07	21 Feb 2025	9	14.46	90.98	8.9	33.32	8.1	24.8	1.03
F07	21 Feb 2025	10	14.33	90.31	8.9	33.34	8.1	24.8	1.56
F07	21 Feb 2025	11	14.21	89.66	8.7	33.34	8.1	24.9	2.52
F07	21 Feb 2025	12	14.15	88.94	8.6	33.34	8.1	24.9	3.28
F07	21 Feb 2025	13	14.09	88.41	8.5	33.35	8.1	24.9	3.84
F07	21 Feb 2025	14	13.89	87.73	8.2	33.40	8.0	25.0	4.02
F07	21 Feb 2025	15	13.51	87.82	7.6	33.43	8.0	25.1	3.06
F07	21 Feb 2025	16	13.17	89.23	7.1	33.45	7.9	25.2	2.53
F07	21 Feb 2025	17	13.04	90.65	6.7	33.43	7.9	25.2	2.21
F07	21 Feb 2025	18	12.80	91.55	6.5	33.44	7.9	25.2	2.00
F07	21 Feb 2025	19	12.54	92.32	6.2	33.44	7.9	25.3	1.35
F07	21 Feb 2025	20	12.41	93.24	6.0	33.45	7.8	25.3	1.16
F07	21 Feb 2025	21	12.14	94.15	5.8	33.46	7.8	25.4	1.03
F07	21 Feb 2025	22	12.01	94.78	5.6	33.46	7.8	25.4	0.77
F07	21 Feb 2025	23	11.91	95.19	5.4	33.47	7.8	25.4	0.85
F07	21 Feb 2025	24	11.76	95.37	5.3	33.49	7.8	25.5	0.73
F07	21 Feb 2025	25	11.68	95.53	5.1	33.50	7.8	25.5	0.75

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F07	21 Feb 2025	26	11.61	95.44	5.0	33.51	7.8	25.5	0.72
F07	21 Feb 2025	27	11.56	95.68	4.9	33.52	7.8	25.5	0.67
F07	21 Feb 2025	28	11.46	95.73	4.7	33.56	7.7	25.6	0.66
F07	21 Feb 2025	29	11.37	95.64	4.6	33.59	7.7	25.6	0.61
F07	21 Feb 2025	30	11.34	95.52	4.5	33.60	7.7	25.6	0.56
F07	21 Feb 2025	31	11.30	95.39	4.4	33.61	7.7	25.6	0.57
F07	21 Feb 2025	32	11.26	95.36	4.3	33.62	7.7	25.7	0.52
F07	21 Feb 2025	33	11.21	95.50	4.2	33.63	7.7	25.7	0.50
F07	21 Feb 2025	34	11.11	95.51	4.2	33.66	7.7	25.7	0.46
F07	21 Feb 2025	35	11.07	95.56	4.1	33.68	7.7	25.7	0.36
F07	21 Feb 2025	36	11.04	95.79	4.0	33.70	7.7	25.8	0.33
F07	21 Feb 2025	37	11.04	95.80	3.9	33.71	7.7	25.8	0.31
F07	21 Feb 2025	38	11.02	95.81	3.8	33.72	7.7	25.8	0.31
F07	21 Feb 2025	39	10.91	95.85	3.7	33.76	7.7	25.8	0.26
F07	21 Feb 2025	40	10.90	96.14	3.7	33.76	7.7	25.8	0.20
F07	21 Feb 2025	41	10.89	96.23	3.6	33.76	7.7	25.8	0.20
F07	21 Feb 2025	42	10.89	96.18	3.6	33.77	7.7	25.8	0.19
F07	21 Feb 2025	43	10.89	96.18	3.6	33.77	7.7	25.8	0.19
F07	21 Feb 2025	44	10.89	96.19	3.6	33.77	7.7	25.8	0.26
F07	21 Feb 2025	45	10.89	96.23	3.6	33.77	7.7	25.8	0.19
F07	21 Feb 2025	46	10.88	96.23	3.6	33.78	7.7	25.8	0.19
F07	21 Feb 2025	47	10.86	96.12	3.5	33.79	7.7	25.9	0.19
F07	21 Feb 2025	48	10.84	95.99	3.4	33.80	7.7	25.9	0.18
F07	21 Feb 2025	49	10.82	95.90	3.4	33.80	7.6	25.9	0.16
F07	21 Feb 2025	50	10.78	95.90	3.3	33.82	7.6	25.9	0.14
F07	21 Feb 2025	51	10.76	95.89	3.2	33.84	7.6	25.9	0.13
F07	21 Feb 2025	52	10.76	95.80	3.1	33.86	7.6	25.9	0.12
F07	21 Feb 2025	53	10.78	95.70	3.0	33.87	7.6	25.9	0.11
F07	21 Feb 2025	54	10.80	95.28	3.0	33.88	7.6	25.9	0.11
F07	21 Feb 2025	55	10.81	94.88	2.9	33.89	7.6	25.9	0.12
F07	21 Feb 2025	56	10.81	94.61	2.9	33.89	7.6	25.9	0.12
F07	21 Feb 2025	57	10.82	94.49	2.8	33.89	7.6	25.9	0.12
F07	21 Feb 2025	58	10.84	94.10	2.8	33.90	7.6	25.9	0.11
F07	21 Feb 2025	59	10.86	93.88	2.7	33.91	7.6	25.9	0.12
F07	21 Feb 2025	60	10.87	93.20	2.6	33.91	7.6	26.0	0.13
F07	21 Feb 2025	61	10.86	91.95	2.6	33.92	7.6	26.0	0.13
F07	21 Feb 2025	62	10.84	91.32	2.5	33.92	7.6	26.0	0.13
F07	21 Feb 2025	63	10.81	90.14	2.5	33.93	7.6	26.0	0.12
F07	21 Feb 2025	64	10.74	88.94	2.5	33.94	7.6	26.0	0.13
F07	21 Feb 2025	65	10.75	86.95	2.5	33.94	7.6	26.0	0.14
F30	20 Feb 2025	1	15.09	94.52	8.4	33.35	8.1	24.7	0.18
F30	20 Feb 2025	2	14.88	94.51	8.4	33.35	8.1	24.7	0.17
F30	20 Feb 2025	3	14.80	94.44	8.4	33.35	8.1	24.7	0.19
F30	20 Feb 2025	4	14.78	94.33	8.4	33.35	8.1	24.7	0.21
F30	20 Feb 2025	5	14.77	94.23	8.4	33.35	8.1	24.7	0.23
F30	20 Feb 2025	6	14.75	94.17	8.4	33.35	8.1	24.8	0.24
F30	20 Feb 2025	7	14.74	94.16	8.4	33.35	8.1	24.8	0.25
F30	20 Feb 2025	8	14.71	94.31	8.4	33.35	8.1	24.8	0.26
F30	20 Feb 2025	9	14.66	94.29	8.4	33.35	8.1	24.8	0.26
F30	20 Feb 2025	10	14.58	94.28	8.5	33.35	8.1	24.8	0.25
F30	20 Feb 2025	11	14.54	94.19	8.5	33.35	8.1	24.8	0.29
F30	20 Feb 2025	12	14.51	93.88	8.5	33.35	8.1	24.8	0.34
F30	20 Feb 2025	13	14.50	93.72	8.5	33.34	8.1	24.8	0.39
F30	20 Feb 2025	14	14.47	93.47	8.5	33.35	8.1	24.8	0.42
F30	20 Feb 2025	15	14.42	93.66	8.5	33.35	8.1	24.8	0.65
F30	20 Feb 2025	16	14.40	93.38	8.4	33.35	8.1	24.8	0.74
F30	20 Feb 2025	17	14.34	93.35	8.4	33.35	8.1	24.8	0.87
F30	20 Feb 2025	18	14.29	93.30	8.4	33.35	8.1	24.8	1.29
F30	20 Feb 2025	19	14.28	92.99	8.4	33.35	8.1	24.9	1.30
F30	20 Feb 2025	20	14.21	92.95	8.3	33.35	8.1	24.9	1.44

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F30	20 Feb 2025	21	14.05	92.67	8.1	33.36	8.1	24.9	1.90
F30	20 Feb 2025	22	13.91	92.02	7.9	33.36	8.1	24.9	2.10
F30	20 Feb 2025	23	13.79	91.92	7.8	33.36	8.1	25.0	2.37
F30	20 Feb 2025	24	13.63	92.00	7.5	33.38	8.1	25.0	2.48
F30	20 Feb 2025	25	12.95	91.90	6.9	33.41	8.0	25.2	1.87
F30	20 Feb 2025	26	12.61	93.11	6.4	33.41	7.9	25.2	1.10
F30	20 Feb 2025	27	12.64	94.27	6.3	33.40	7.9	25.2	1.13
F30	20 Feb 2025	28	12.31	94.98	6.1	33.42	7.9	25.3	1.10
F30	20 Feb 2025	29	12.17	94.80	5.9	33.43	7.9	25.3	0.86
F30	20 Feb 2025	30	12.11	95.10	5.7	33.43	7.9	25.3	0.89
F30	20 Feb 2025	31	12.03	95.28	5.6	33.44	7.9	25.4	0.90
F30	20 Feb 2025	32	12.00	95.38	5.5	33.44	7.9	25.4	0.92
F30	20 Feb 2025	33	11.85	95.39	5.4	33.47	7.8	25.4	0.93
F30	20 Feb 2025	34	11.73	95.50	5.2	33.48	7.8	25.5	0.79
F30	20 Feb 2025	35	11.59	95.69	5.0	33.51	7.8	25.5	0.75
F30	20 Feb 2025	36	11.55	95.94	4.9	33.52	7.8	25.5	0.68
F30	20 Feb 2025	37	11.46	96.01	4.8	33.55	7.8	25.6	0.67
F30	20 Feb 2025	38	11.40	95.94	4.6	33.56	7.8	25.6	0.61
F30	20 Feb 2025	39	11.36	95.99	4.5	33.58	7.8	25.6	0.56
F30	20 Feb 2025	40	11.32	96.04	4.4	33.59	7.8	25.6	0.55
F30	20 Feb 2025	41	11.28	96.11	4.3	33.61	7.8	25.6	0.51
F30	20 Feb 2025	42	11.24	96.05	4.2	33.63	7.8	25.7	0.49
F30	20 Feb 2025	43	11.19	95.94	4.1	33.65	7.8	25.7	0.45
F30	20 Feb 2025	44	11.11	95.97	3.9	33.69	7.7	25.7	0.39
F30	20 Feb 2025	45	11.01	95.66	3.8	33.74	7.7	25.8	0.33
F30	20 Feb 2025	46	10.96	95.42	3.6	33.76	7.7	25.8	0.28
F30	20 Feb 2025	47	10.94	95.35	3.6	33.77	7.7	25.8	0.24
F30	20 Feb 2025	48	10.93	95.33	3.5	33.77	7.7	25.8	0.23
F30	20 Feb 2025	49	10.90	95.30	3.5	33.79	7.7	25.9	0.22
F30	20 Feb 2025	50	10.88	95.30	3.4	33.80	7.7	25.9	0.20
F30	20 Feb 2025	51	10.87	95.28	3.4	33.80	7.7	25.9	0.19
F30	20 Feb 2025	52	10.86	95.29	3.4	33.81	7.7	25.9	0.17
F30	20 Feb 2025	53	10.83	95.33	3.3	33.83	7.7	25.9	0.15
F30	20 Feb 2025	54	10.80	95.40	3.2	33.85	7.7	25.9	0.13
F30	20 Feb 2025	55	10.75	95.64	3.1	33.90	7.7	26.0	0.11
F30	20 Feb 2025	56	10.75	95.95	3.0	33.91	7.7	26.0	0.09
F30	20 Feb 2025	57	10.75	95.99	3.0	33.91	7.7	26.0	0.09
F30	20 Feb 2025	58	10.75	96.06	3.0	33.91	7.7	26.0	0.10
F30	20 Feb 2025	59	10.74	96.08	3.0	33.92	7.7	26.0	0.09
F30	20 Feb 2025	60	10.73	96.05	3.0	33.92	7.7	26.0	0.08
F30	20 Feb 2025	61	10.73	96.04	3.0	33.92	7.7	26.0	0.08
F30	20 Feb 2025	62	10.71	96.03	3.0	33.93	7.7	26.0	0.08
F30	20 Feb 2025	63	10.71	96.02	2.9	33.94	7.7	26.0	0.08
F30	20 Feb 2025	64	10.71	96.05	2.9	33.94	7.7	26.0	0.08
F30	20 Feb 2025	65	10.71	96.27	2.9	33.94	7.7	26.0	0.07
F30	20 Feb 2025	66	10.69	96.32	2.9	33.94	7.7	26.0	0.07
F30	20 Feb 2025	67	10.58	95.63	2.9	33.93	7.7	26.0	0.07
F30	20 Feb 2025	68	10.57	95.33	2.8	33.93	7.7	26.0	0.07
F30	20 Feb 2025	69	10.58	95.23	2.8	33.93	7.7	26.0	0.07
F30	20 Feb 2025	70	10.56	95.16	2.8	33.93	7.7	26.0	0.07
F30	20 Feb 2025	71	10.56	95.14	2.8	33.93	7.7	26.0	0.08
F30	20 Feb 2025	72	10.57	95.18	2.8	33.93	7.7	26.0	0.07
F30	20 Feb 2025	73	10.57	95.23	2.8	33.93	7.7	26.0	0.08
F30	20 Feb 2025	74	10.57	95.23	2.8	33.93	7.7	26.0	0.07
F30	20 Feb 2025	75	10.55	95.15	2.8	33.93	7.7	26.0	0.07
F30	20 Feb 2025	76	10.56	94.99	2.8	33.93	7.7	26.0	0.07
F30	20 Feb 2025	77	10.53	94.92	2.8	33.93	7.7	26.0	0.07
F30	20 Feb 2025	78	10.53	94.87	2.8	33.93	7.7	26.0	0.07
F30	20 Feb 2025	79	10.53	94.84	2.8	33.93	7.7	26.0	0.07
F30	20 Feb 2025	80	10.50	94.71	2.7	33.93	7.7	26.0	0.07
F30	20 Feb 2025	81	10.46	94.37	2.7	33.92	7.7	26.0	0.07



Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F30	20 Feb 2025	82	10.45	94.29	2.7	33.93	7.7	26.0	0.07
F30	20 Feb 2025	83	10.43	94.26	2.7	33.93	7.7	26.0	0.06
F30	20 Feb 2025	84	10.42	94.23	2.7	33.93	7.7	26.0	0.06
F30	20 Feb 2025	85	10.42	94.25	2.7	33.93	7.7	26.0	0.09
F30	20 Feb 2025	86	10.40	94.28	2.7	33.94	7.7	26.1	0.06
F30	20 Feb 2025	87	10.41	94.23	2.7	33.94	7.7	26.1	0.06
F30	20 Feb 2025	88	10.41	94.23	2.6	33.94	7.6	26.1	0.06
F30	20 Feb 2025	89	10.41	94.22	2.6	33.94	7.6	26.1	0.06
F30	20 Feb 2025	90	10.40	94.20	2.6	33.94	7.6	26.1	0.07
F30	20 Feb 2025	91	10.38	94.25	2.6	33.96	7.7	26.1	0.06
F30	20 Feb 2025	92	10.37	94.48	2.6	33.97	7.7	26.1	0.06
F30	20 Feb 2025	93	10.37	94.69	2.6	33.97	7.7	26.1	0.07
F30	20 Feb 2025	94	10.37	94.68	2.6	33.99	7.7	26.1	0.06
F30	20 Feb 2025	95	10.41	95.33	2.6	34.04	7.7	26.1	0.05
F30	20 Feb 2025	96	10.38	96.84	2.6	34.04	7.7	26.1	0.06
F30	20 Feb 2025	97	10.24	96.45	2.6	34.09	7.7	26.2	0.06
F19	22 Feb 2025	1	15.28	92.61	8.8	33.31	8.1	24.6	0.36
F19	22 Feb 2025	2	15.19	92.43	8.8	33.32	8.1	24.6	0.35
F19	22 Feb 2025	3	15.15	92.06	8.9	33.31	8.1	24.6	0.43
F19	22 Feb 2025	4	15.13	92.20	8.8	33.31	8.1	24.6	0.49
F19	22 Feb 2025	5	15.12	91.83	8.8	33.31	8.1	24.6	0.54
F19	22 Feb 2025	6	15.10	91.77	8.9	33.31	8.1	24.6	0.61
F19	22 Feb 2025	7	15.07	91.73	8.8	33.31	8.1	24.7	0.67
F19	22 Feb 2025	8	15.02	91.68	8.8	33.31	8.1	24.7	0.79
F19	22 Feb 2025	9	14.91	91.79	8.8	33.31	8.1	24.7	0.89
F19	22 Feb 2025	10	14.72	91.82	8.8	33.31	8.1	24.7	1.00
F19	22 Feb 2025	11	14.62	91.75	8.7	33.31	8.1	24.8	1.04
F19	22 Feb 2025	12	14.48	91.97	8.7	33.31	8.1	24.8	1.17
F19	22 Feb 2025	13	14.42	91.90	8.6	33.31	8.1	24.8	1.48
F19	22 Feb 2025	14	14.37	91.25	8.6	33.32	8.1	24.8	2.06
F19	22 Feb 2025	15	14.29	90.76	8.5	33.33	8.1	24.8	3.15
F19	22 Feb 2025	16	14.11	90.13	8.3	33.35	8.1	24.9	3.42
F19	22 Feb 2025	17	13.87	88.62	8.1	33.37	8.1	25.0	4.28
F19	22 Feb 2025	18	13.65	87.89	7.7	33.39	8.0	25.0	4.16
F19	22 Feb 2025	19	13.42	88.69	7.3	33.41	8.0	25.1	3.87
F19	22 Feb 2025	20	13.13	89.96	6.9	33.44	8.0	25.2	2.56
F19	22 Feb 2025	21	12.88	91.56	6.5	33.45	7.9	25.2	1.87
F19	22 Feb 2025	22	12.73	92.68	6.2	33.46	7.9	25.3	1.58
F19	22 Feb 2025	23	12.52	93.16	5.9	33.50	7.9	25.3	1.39
F19	22 Feb 2025	24	12.23	93.28	5.5	33.52	7.8	25.4	1.03
F19	22 Feb 2025	25	12.15	93.76	5.3	33.52	7.8	25.4	0.98
F19	22 Feb 2025	26	12.09	94.02	5.2	33.52	7.8	25.4	0.91
F19	22 Feb 2025	27	11.89	94.35	5.0	33.54	7.8	25.5	0.79
F19	22 Feb 2025	28	11.73	94.47	4.8	33.57	7.8	25.5	0.79
F19	22 Feb 2025	29	11.61	94.43	4.7	33.57	7.8	25.6	0.81
F19	22 Feb 2025	30	11.45	94.71	4.6	33.59	7.8	25.6	0.70
F19	22 Feb 2025	31	11.38	94.89	4.5	33.59	7.8	25.6	0.65
F19	22 Feb 2025	32	11.33	95.13	4.4	33.59	7.8	25.6	0.61
F19	22 Feb 2025	33	11.25	95.47	4.4	33.60	7.8	25.6	0.56
F19	22 Feb 2025	34	11.22	95.91	4.3	33.61	7.7	25.7	0.52
F19	22 Feb 2025	35	11.21	96.21	4.3	33.62	7.7	25.7	0.51
F19	22 Feb 2025	36	11.21	96.29	4.2	33.62	7.7	25.7	0.50
F19	22 Feb 2025	37	11.20	96.32	4.2	33.63	7.7	25.7	0.48
F19	22 Feb 2025	38	11.14	96.34	4.1	33.66	7.7	25.7	0.48
F19	22 Feb 2025	39	11.06	96.38	4.0	33.70	7.7	25.8	0.40
F19	22 Feb 2025	40	11.03	96.42	3.9	33.72	7.7	25.8	0.34
F19	22 Feb 2025	41	11.00	96.47	3.8	33.73	7.7	25.8	0.30
F19	22 Feb 2025	42	11.00	96.50	3.7	33.73	7.7	25.8	0.29
F19	22 Feb 2025	43	10.98	96.57	3.7	33.74	7.7	25.8	0.28
F19	22 Feb 2025	44	10.96	96.57	3.7	33.74	7.7	25.8	0.27

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F19	22 Feb 2025	45	10.93	96.49	3.7	33.75	7.7	25.8	0.26
F19	22 Feb 2025	46	10.89	96.62	3.7	33.76	7.7	25.8	0.23
F19	22 Feb 2025	47	10.87	96.74	3.7	33.76	7.7	25.8	0.20
F19	22 Feb 2025	48	10.80	96.76	3.6	33.79	7.7	25.9	0.19
F19	22 Feb 2025	49	10.76	96.40	3.5	33.82	7.7	25.9	0.14
F19	22 Feb 2025	50	10.75	96.67	3.4	33.83	7.7	25.9	0.12
F19	22 Feb 2025	51	10.72	96.69	3.3	33.84	7.7	25.9	0.12
F19	22 Feb 2025	52	10.67	96.24	3.2	33.86	7.7	25.9	0.11
F19	22 Feb 2025	53	10.63	95.23	3.0	33.87	7.7	26.0	0.10
F19	22 Feb 2025	54	10.65	94.14	2.9	33.89	7.6	26.0	0.09
F19	22 Feb 2025	55	10.68	94.04	2.9	33.90	7.6	26.0	0.09
F19	22 Feb 2025	56	10.69	94.69	2.9	33.91	7.7	26.0	0.08
F19	22 Feb 2025	57	10.70	95.08	3.0	33.91	7.7	26.0	0.08
F19	22 Feb 2025	58	10.72	95.28	3.0	33.91	7.7	26.0	0.08
F19	22 Feb 2025	59	10.72	95.54	3.0	33.92	7.7	26.0	0.08
F19	22 Feb 2025	60	10.73	95.87	3.0	33.92	7.7	26.0	0.08
F19	22 Feb 2025	61	10.74	96.24	3.0	33.93	7.7	26.0	0.07
F19	22 Feb 2025	62	10.73	96.59	3.0	33.93	7.7	26.0	0.08
F19	22 Feb 2025	63	10.73	96.69	3.0	33.94	7.7	26.0	0.07
F19	22 Feb 2025	64	10.73	96.60	2.9	33.94	7.7	26.0	0.07
F19	22 Feb 2025	65	10.72	96.49	2.9	33.94	7.6	26.0	0.07
F19	22 Feb 2025	66	10.72	96.44	2.9	33.94	7.6	26.0	0.07
F19	22 Feb 2025	67	10.72	96.34	2.9	33.94	7.6	26.0	0.07
F19	22 Feb 2025	68	10.71	96.22	2.8	33.94	7.6	26.0	0.07
F19	22 Feb 2025	69	10.71	96.09	2.8	33.94	7.6	26.0	0.07
F19	22 Feb 2025	70	10.70	95.97	2.8	33.94	7.6	26.0	0.07
F19	22 Feb 2025	71	10.68	95.76	2.7	33.93	7.6	26.0	0.08
F19	22 Feb 2025	72	10.66	95.40	2.7	33.94	7.6	26.0	0.08
F19	22 Feb 2025	73	10.65	94.88	2.6	33.94	7.6	26.0	0.07
F19	22 Feb 2025	74	10.64	94.66	2.5	33.95	7.6	26.0	0.08
F19	22 Feb 2025	75	10.63	94.07	2.5	33.96	7.6	26.0	0.08
F19	22 Feb 2025	76	10.62	94.21	2.5	33.96	7.6	26.0	0.07
F19	22 Feb 2025	77	10.60	93.80	2.4	33.97	7.6	26.0	0.08
F19	22 Feb 2025	78	10.58	92.65	2.4	33.97	7.6	26.0	0.08
F19	22 Feb 2025	79	10.58	92.94	2.4	33.98	7.6	26.1	0.07
F19	22 Feb 2025	80	10.59	93.68	2.4	33.99	7.6	26.1	0.07
F19	22 Feb 2025	81	10.58	93.68	2.4	34.00	7.6	26.1	0.07
F19	22 Feb 2025	82	10.57	92.21	2.3	34.00	7.6	26.1	0.08
F19	22 Feb 2025	83	10.57	90.85	2.3	34.00	7.6	26.1	0.09
F08	21 Feb 2025	1	15.00	91.28	9.0	33.30	8.1	24.7	0.29
F08	21 Feb 2025	2	14.93	91.32	9.0	33.31	8.1	24.7	0.32
F08	21 Feb 2025	3	14.85	91.30	9.1	33.30	8.1	24.7	0.39
F08	21 Feb 2025	4	14.84	90.85	9.1	33.30	8.1	24.7	0.44
F08	21 Feb 2025	5	14.82	90.59	9.1	33.30	8.1	24.7	0.47
F08	21 Feb 2025	6	14.77	90.78	9.0	33.30	8.1	24.7	0.56
F08	21 Feb 2025	7	14.53	90.34	9.0	33.32	8.1	24.8	0.66
F08	21 Feb 2025	8	14.30	90.01	8.9	33.33	8.1	24.8	1.04
F08	21 Feb 2025	9	14.20	89.39	8.8	33.34	8.1	24.9	1.59
F08	21 Feb 2025	10	14.05	88.56	8.8	33.35	8.1	24.9	2.29
F08	21 Feb 2025	11	13.96	87.31	8.7	33.36	8.1	24.9	3.05
F08	21 Feb 2025	12	13.91	86.87	8.5	33.36	8.1	24.9	3.55
F08	21 Feb 2025	13	13.83	87.10	8.3	33.37	8.0	25.0	3.95
F08	21 Feb 2025	14	13.67	86.75	7.9	33.39	8.0	25.0	3.37
F08	21 Feb 2025	15	13.43	88.45	7.4	33.42	8.0	25.1	3.34
F08	21 Feb 2025	16	13.24	89.99	7.1	33.43	8.0	25.1	3.03
F08	21 Feb 2025	17	13.12	90.69	6.8	33.45	7.9	25.2	2.05
F08	21 Feb 2025	18	12.95	91.30	6.6	33.46	7.9	25.2	1.94
F08	21 Feb 2025	19	12.80	91.94	6.3	33.48	7.9	25.3	1.77
F08	21 Feb 2025	20	12.51	92.37	5.9	33.49	7.9	25.3	1.52
F08	21 Feb 2025	21	12.29	91.43	5.7	33.49	7.8	25.4	1.28

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F08	21 Feb 2025	22	12.14	92.95	5.5	33.47	7.8	25.4	1.13
F08	21 Feb 2025	23	11.87	94.12	5.3	33.48	7.8	25.4	0.96
F08	21 Feb 2025	24	11.52	94.78	5.0	33.55	7.8	25.5	0.82
F08	21 Feb 2025	25	11.39	95.07	4.7	33.57	7.7	25.6	0.69
F08	21 Feb 2025	26	11.35	95.64	4.6	33.59	7.7	25.6	0.61
F08	21 Feb 2025	27	11.33	95.74	4.4	33.59	7.7	25.6	0.59
F08	21 Feb 2025	28	11.30	95.77	4.4	33.61	7.7	25.6	0.55
F08	21 Feb 2025	29	11.28	95.80	4.3	33.62	7.7	25.6	0.53
F08	21 Feb 2025	30	11.25	95.91	4.2	33.63	7.7	25.7	0.52
F08	21 Feb 2025	31	11.22	95.76	4.2	33.65	7.7	25.7	0.53
F08	21 Feb 2025	32	11.18	95.83	4.1	33.67	7.7	25.7	0.49
F08	21 Feb 2025	33	11.15	95.72	4.0	33.68	7.7	25.7	0.46
F08	21 Feb 2025	34	11.12	95.70	3.9	33.69	7.7	25.7	0.47
F08	21 Feb 2025	35	11.08	95.55	3.9	33.70	7.7	25.8	0.37
F08	21 Feb 2025	36	11.07	95.54	3.8	33.71	7.7	25.8	0.35
F08	21 Feb 2025	37	11.00	95.54	3.8	33.74	7.7	25.8	0.34
F08	21 Feb 2025	38	10.94	94.92	3.7	33.76	7.7	25.8	0.27
F08	21 Feb 2025	39	10.88	95.38	3.6	33.79	7.7	25.9	0.21
F08	21 Feb 2025	40	10.84	95.60	3.5	33.80	7.7	25.9	0.17
F08	21 Feb 2025	41	10.84	96.06	3.5	33.80	7.7	25.9	0.15
F08	21 Feb 2025	42	10.84	96.15	3.5	33.80	7.7	25.9	0.15
F08	21 Feb 2025	43	10.83	96.23	3.4	33.80	7.7	25.9	0.14
F08	21 Feb 2025	44	10.83	96.16	3.4	33.81	7.7	25.9	0.15
F08	21 Feb 2025	45	10.82	96.05	3.4	33.81	7.7	25.9	0.15
F08	21 Feb 2025	46	10.82	95.94	3.4	33.81	7.6	25.9	0.14
F08	21 Feb 2025	47	10.82	95.92	3.3	33.82	7.6	25.9	0.14
F08	21 Feb 2025	48	10.82	95.85	3.3	33.82	7.6	25.9	0.15
F08	21 Feb 2025	49	10.83	95.65	3.3	33.82	7.6	25.9	0.14
F08	21 Feb 2025	50	10.84	95.58	3.3	33.82	7.6	25.9	0.15
F08	21 Feb 2025	51	10.87	95.47	3.2	33.84	7.6	25.9	0.16
F08	21 Feb 2025	52	10.89	94.46	3.0	33.86	7.6	25.9	0.15
F08	21 Feb 2025	53	10.88	93.76	2.9	33.87	7.6	25.9	0.15
F08	21 Feb 2025	54	10.88	93.88	2.8	33.88	7.6	25.9	0.13
F08	21 Feb 2025	55	10.89	92.92	2.7	33.89	7.6	25.9	0.16
F08	21 Feb 2025	56	10.89	91.77	2.6	33.89	7.6	25.9	0.20
F08	21 Feb 2025	57	10.89	90.96	2.6	33.90	7.6	25.9	0.15
F08	21 Feb 2025	58	10.89	90.53	2.6	33.90	7.6	25.9	0.15
F08	21 Feb 2025	59	10.88	90.46	2.6	33.91	7.6	25.9	0.15
F08	21 Feb 2025	60	10.85	90.31	2.5	33.92	7.6	26.0	0.14
F08	21 Feb 2025	61	10.81	88.03	2.5	33.93	7.6	26.0	0.18
F08	21 Feb 2025	62	10.84	78.61	2.5	33.92	7.6	26.0	0.20
F31	20 Feb 2025	1	14.78	90.11	8.5	33.34	8.1	24.7	0.30
F31	20 Feb 2025	2	14.72	91.18	8.6	33.34	8.1	24.8	0.22
F31	20 Feb 2025	3	14.68	92.45	8.6	33.34	8.1	24.8	0.23
F31	20 Feb 2025	4	14.67	93.00	8.6	33.33	8.1	24.8	0.22
F31	20 Feb 2025	5	14.65	92.91	8.6	33.33	8.1	24.8	0.26
F31	20 Feb 2025	6	14.64	92.69	8.6	33.33	8.1	24.8	0.30
F31	20 Feb 2025	7	14.61	92.57	8.6	33.33	8.1	24.8	0.35
F31	20 Feb 2025	8	14.59	92.27	8.6	33.33	8.1	24.8	0.38
F31	20 Feb 2025	9	14.57	92.09	8.7	33.33	8.1	24.8	0.51
F31	20 Feb 2025	10	14.56	91.85	8.7	33.33	8.1	24.8	0.65
F31	20 Feb 2025	11	14.55	91.67	8.6	33.33	8.1	24.8	0.68
F31	20 Feb 2025	12	14.55	91.71	8.6	33.33	8.1	24.8	0.78
F31	20 Feb 2025	13	14.54	91.65	8.6	33.33	8.1	24.8	0.90
F31	20 Feb 2025	14	14.53	91.28	8.6	33.33	8.1	24.8	1.04
F31	20 Feb 2025	15	14.51	91.17	8.6	33.33	8.1	24.8	1.28
F31	20 Feb 2025	16	14.37	90.11	8.6	33.33	8.1	24.8	2.12
F31	20 Feb 2025	17	14.29	89.02	8.5	33.33	8.1	24.8	3.10
F31	20 Feb 2025	18	14.24	86.90	8.5	33.33	8.1	24.8	3.82
F31	20 Feb 2025	19	14.25	86.76	8.4	33.33	8.1	24.8	4.22

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F31	20 Feb 2025	20	14.20	85.71	8.4	33.33	8.1	24.9	3.76
F31	20 Feb 2025	21	14.18	86.03	8.4	33.33	8.1	24.9	4.50
F31	20 Feb 2025	22	14.05	86.95	8.2	33.35	8.1	24.9	3.98
F31	20 Feb 2025	23	13.94	87.66	8.0	33.37	8.1	24.9	3.96
F31	20 Feb 2025	24	13.72	87.76	7.7	33.39	8.0	25.0	3.11
F31	20 Feb 2025	25	13.70	88.39	7.6	33.38	8.0	25.0	2.96
F31	20 Feb 2025	26	13.51	88.83	7.4	33.41	8.0	25.1	3.12
F31	20 Feb 2025	27	13.23	88.68	7.0	33.43	8.0	25.1	2.59
F31	20 Feb 2025	28	13.24	89.54	6.8	33.43	8.0	25.1	2.33
F31	20 Feb 2025	29	12.87	89.89	6.4	33.47	7.9	25.2	2.01
F31	20 Feb 2025	30	12.73	90.42	6.1	33.49	7.9	25.3	1.73
F31	20 Feb 2025	31	12.37	90.93	5.6	33.52	7.9	25.4	1.31
F31	20 Feb 2025	32	12.27	91.40	5.4	33.54	7.8	25.4	1.17
F31	20 Feb 2025	33	11.96	91.53	5.0	33.57	7.8	25.5	1.02
F31	20 Feb 2025	34	11.80	92.18	4.7	33.59	7.8	25.5	0.84
F31	20 Feb 2025	35	11.46	93.05	4.4	33.65	7.8	25.6	0.73
F31	20 Feb 2025	36	11.39	93.59	4.2	33.65	7.8	25.6	0.55
F31	20 Feb 2025	37	11.31	93.70	4.2	33.66	7.8	25.7	0.52
F31	20 Feb 2025	38	11.32	93.89	4.1	33.65	7.7	25.7	0.52
F31	20 Feb 2025	39	11.24	94.39	4.0	33.67	7.7	25.7	0.48
F31	20 Feb 2025	40	11.23	94.47	4.0	33.67	7.7	25.7	0.46
F31	20 Feb 2025	41	11.17	94.65	4.0	33.68	7.7	25.7	0.43
F31	20 Feb 2025	42	11.11	94.66	3.9	33.70	7.7	25.7	0.44
F31	20 Feb 2025	43	11.11	94.99	3.8	33.70	7.7	25.7	0.36
F31	20 Feb 2025	44	11.09	95.00	3.8	33.71	7.7	25.8	0.40
F31	20 Feb 2025	45	11.02	95.20	3.7	33.73	7.7	25.8	0.32
F31	20 Feb 2025	46	10.98	95.23	3.7	33.74	7.7	25.8	0.28
F31	20 Feb 2025	47	10.98	95.27	3.6	33.74	7.7	25.8	0.28
F31	20 Feb 2025	48	10.89	95.26	3.5	33.79	7.7	25.9	0.37
F31	20 Feb 2025	49	10.87	95.13	3.4	33.80	7.7	25.9	0.20
F31	20 Feb 2025	50	10.87	94.91	3.4	33.80	7.7	25.9	0.20
F31	20 Feb 2025	51	10.87	94.96	3.4	33.80	7.7	25.9	0.21
F31	20 Feb 2025	52	10.86	94.86	3.4	33.81	7.7	25.9	0.19
F31	20 Feb 2025	53	10.81	94.87	3.3	33.84	7.7	25.9	0.22
F31	20 Feb 2025	54	10.78	94.83	3.2	33.86	7.7	25.9	0.16
F31	20 Feb 2025	55	10.76	94.82	3.1	33.87	7.7	25.9	0.15
F31	20 Feb 2025	56	10.75	94.63	3.1	33.87	7.7	25.9	0.13
F31	20 Feb 2025	57	10.71	94.86	3.1	33.89	7.7	26.0	0.12
F31	20 Feb 2025	58	10.70	94.86	3.0	33.90	7.7	26.0	0.12
F31	20 Feb 2025	59	10.70	94.88	3.0	33.90	7.7	26.0	0.17
F31	20 Feb 2025	60	10.67	94.80	3.0	33.92	7.7	26.0	0.17
F31	20 Feb 2025	61	10.64	94.70	2.9	33.94	7.7	26.0	0.12
F31	20 Feb 2025	62	10.61	94.66	2.8	33.97	7.7	26.0	0.09
F31	20 Feb 2025	63	10.60	95.10	2.8	33.98	7.7	26.1	0.09
F31	20 Feb 2025	64	10.59	95.36	2.7	33.99	7.7	26.1	0.09
F31	20 Feb 2025	65	10.59	95.40	2.7	33.99	7.7	26.1	0.08
F31	20 Feb 2025	66	10.59	95.14	2.7	33.99	7.7	26.1	0.08
F31	20 Feb 2025	67	10.59	95.50	2.7	33.99	7.6	26.1	0.08
F31	20 Feb 2025	68	10.59	95.40	2.7	33.99	7.6	26.1	0.08
F31	20 Feb 2025	69	10.59	95.31	2.7	33.99	7.6	26.1	0.08
F31	20 Feb 2025	70	10.59	95.32	2.7	34.00	7.6	26.1	0.08
F31	20 Feb 2025	71	10.58	95.28	2.7	34.00	7.6	26.1	0.07
F31	20 Feb 2025	72	10.58	95.21	2.7	34.00	7.6	26.1	0.08
F31	20 Feb 2025	73	10.58	95.18	2.6	34.01	7.6	26.1	0.07
F31	20 Feb 2025	74	10.56	95.40	2.6	34.02	7.6	26.1	0.07
F31	20 Feb 2025	75	10.56	95.73	2.6	34.03	7.6	26.1	0.06
F31	20 Feb 2025	76	10.58	96.03	2.6	34.04	7.6	26.1	0.06
F31	20 Feb 2025	77	10.58	96.33	2.6	34.06	7.6	26.1	0.06
F31	20 Feb 2025	78	10.56	96.63	2.6	34.06	7.6	26.1	0.05
F31	20 Feb 2025	79	10.56	96.93	2.6	34.06	7.6	26.1	0.05
F31	20 Feb 2025	80	10.52	96.88	2.6	34.07	7.6	26.1	0.05

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F31	20 Feb 2025	81	10.51	96.93	2.6	34.07	7.6	26.1	0.05
F31	20 Feb 2025	82	10.51	96.88	2.6	34.07	7.6	26.1	0.05
F31	20 Feb 2025	83	10.44	97.10	2.6	34.08	7.6	26.2	0.05
F31	20 Feb 2025	84	10.42	97.04	2.7	34.07	7.7	26.2	0.04
F31	20 Feb 2025	85	10.35	97.12	2.7	34.06	7.7	26.2	0.05
F31	20 Feb 2025	86	10.34	97.13	2.8	34.06	7.7	26.2	0.05
F31	20 Feb 2025	87	10.33	97.22	2.8	34.06	7.7	26.2	0.05
F31	20 Feb 2025	88	10.34	97.26	2.8	34.06	7.7	26.2	0.04
F31	20 Feb 2025	89	10.34	97.22	2.8	34.07	7.7	26.2	0.05
F31	20 Feb 2025	90	10.32	97.25	2.7	34.08	7.7	26.2	0.05
F31	20 Feb 2025	91	10.20	97.25	2.7	34.10	7.7	26.2	0.05
F31	20 Feb 2025	92	10.16	97.20	2.7	34.10	7.7	26.2	0.05
F31	20 Feb 2025	93	10.15	97.21	2.6	34.10	7.6	26.2	0.05
F31	20 Feb 2025	94	10.13	97.10	2.6	34.10	7.6	26.2	0.05
F31	20 Feb 2025	95	10.12	97.06	2.6	34.11	7.6	26.2	0.05
F31	20 Feb 2025	96	10.10	96.92	2.6	34.11	7.6	26.2	0.05
F31	20 Feb 2025	97	10.10	96.89	2.6	34.11	7.6	26.2	0.05
F31	20 Feb 2025	98	10.08	96.77	2.6	34.11	7.6	26.2	0.05
F31	20 Feb 2025	99	10.09	96.34	2.6	34.11	7.6	26.2	0.06
F20	22 Feb 2025	1	15.17	92.23	8.9	33.31	8.1	24.6	0.30
F20	22 Feb 2025	2	15.07	92.24	8.9	33.30	8.1	24.6	0.31
F20	22 Feb 2025	3	15.01	92.02	8.9	33.31	8.1	24.7	0.36
F20	22 Feb 2025	4	14.98	92.01	8.9	33.31	8.1	24.7	0.39
F20	22 Feb 2025	5	14.97	92.16	8.9	33.31	8.1	24.7	0.44
F20	22 Feb 2025	6	14.93	91.74	8.9	33.31	8.1	24.7	0.51
F20	22 Feb 2025	7	14.86	91.69	8.9	33.31	8.1	24.7	0.57
F20	22 Feb 2025	8	14.76	91.68	8.9	33.31	8.1	24.7	0.63
F20	22 Feb 2025	9	14.66	92.03	8.9	33.32	8.1	24.7	0.88
F20	22 Feb 2025	10	14.61	91.51	8.9	33.32	8.1	24.8	1.11
F20	22 Feb 2025	11	14.55	91.27	8.9	33.32	8.1	24.8	1.22
F20	22 Feb 2025	12	14.36	90.73	8.9	33.33	8.1	24.8	1.46
F20	22 Feb 2025	13	14.28	90.39	9.0	33.33	8.1	24.8	1.57
F20	22 Feb 2025	14	14.23	90.68	9.0	33.34	8.1	24.9	1.68
F20	22 Feb 2025	15	14.16	90.42	8.9	33.34	8.1	24.9	2.11
F20	22 Feb 2025	16	13.80	90.30	8.5	33.37	8.1	25.0	3.76
F20	22 Feb 2025	17	13.47	87.41	7.8	33.40	8.0	25.1	6.16
F20	22 Feb 2025	18	13.31	85.16	7.3	33.42	8.0	25.1	4.83
F20	22 Feb 2025	19	13.21	87.90	7.0	33.43	8.0	25.1	2.89
F20	22 Feb 2025	20	13.08	91.42	6.7	33.44	8.0	25.2	1.52
F20	22 Feb 2025	21	12.87	92.51	6.4	33.45	7.9	25.2	1.54
F20	22 Feb 2025	22	12.68	92.85	6.1	33.47	7.9	25.3	1.61
F20	22 Feb 2025	23	12.58	93.13	5.9	33.48	7.9	25.3	1.43
F20	22 Feb 2025	24	12.43	93.37	5.7	33.50	7.9	25.3	1.23
F20	22 Feb 2025	25	12.32	93.27	5.5	33.51	7.8	25.4	1.08
F20	22 Feb 2025	26	12.18	93.31	5.4	33.53	7.8	25.4	1.02
F20	22 Feb 2025	27	12.10	93.54	5.2	33.54	7.8	25.4	1.05
F20	22 Feb 2025	28	12.00	93.47	5.0	33.56	7.8	25.5	0.94
F20	22 Feb 2025	29	11.77	93.66	4.8	33.60	7.8	25.5	1.05
F20	22 Feb 2025	30	11.70	93.91	4.6	33.61	7.8	25.6	0.76
F20	22 Feb 2025	31	11.65	94.04	4.5	33.61	7.8	25.6	0.74
F20	22 Feb 2025	32	11.55	94.03	4.4	33.63	7.8	25.6	0.67
F20	22 Feb 2025	33	11.49	94.10	4.3	33.63	7.8	25.6	0.58
F20	22 Feb 2025	34	11.32	94.21	4.2	33.66	7.7	25.7	0.55
F20	22 Feb 2025	35	11.25	94.26	4.0	33.68	7.7	25.7	0.53
F20	22 Feb 2025	36	11.18	94.33	3.9	33.69	7.7	25.7	0.48
F20	22 Feb 2025	37	11.17	94.35	3.9	33.70	7.7	25.7	0.44
F20	22 Feb 2025	38	11.16	94.42	3.8	33.70	7.7	25.7	0.44
F20	22 Feb 2025	39	11.11	94.50	3.8	33.71	7.7	25.7	0.42
F20	22 Feb 2025	40	11.03	94.64	3.8	33.72	7.7	25.8	0.40
F20	22 Feb 2025	41	11.00	95.28	3.7	33.73	7.7	25.8	0.44

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F20	22 Feb 2025	42	10.97	95.71	3.7	33.74	7.7	25.8	0.29
F20	22 Feb 2025	43	10.94	96.10	3.7	33.75	7.7	25.8	0.27
F20	22 Feb 2025	44	10.89	96.41	3.6	33.77	7.7	25.8	0.22
F20	22 Feb 2025	45	10.85	96.56	3.6	33.78	7.7	25.9	0.19
F20	22 Feb 2025	46	10.83	96.54	3.5	33.79	7.7	25.9	0.17
F20	22 Feb 2025	47	10.82	96.58	3.5	33.79	7.7	25.9	0.16
F20	22 Feb 2025	48	10.81	96.56	3.5	33.79	7.7	25.9	0.17
F20	22 Feb 2025	49	10.75	96.26	3.5	33.83	7.7	25.9	0.15
F20	22 Feb 2025	50	10.74	96.39	3.4	33.84	7.7	25.9	0.12
F20	22 Feb 2025	51	10.73	96.54	3.4	33.84	7.7	25.9	0.11
F20	22 Feb 2025	52	10.72	96.62	3.3	33.86	7.7	25.9	0.11
F20	22 Feb 2025	53	10.71	96.53	3.2	33.88	7.7	26.0	0.10
F20	22 Feb 2025	54	10.70	96.19	3.1	33.89	7.7	26.0	0.09
F20	22 Feb 2025	55	10.68	95.80	3.0	33.91	7.7	26.0	0.09
F20	22 Feb 2025	56	10.66	95.16	2.9	33.91	7.6	26.0	0.09
F20	22 Feb 2025	57	10.65	94.62	2.8	33.92	7.6	26.0	0.10
F20	22 Feb 2025	58	10.65	94.22	2.8	33.92	7.6	26.0	0.09
F20	22 Feb 2025	59	10.66	94.36	2.8	33.92	7.6	26.0	0.08
F20	22 Feb 2025	60	10.66	94.54	2.8	33.92	7.6	26.0	0.08
F20	22 Feb 2025	61	10.67	94.77	2.8	33.93	7.6	26.0	0.07
F20	22 Feb 2025	62	10.68	95.10	2.8	33.93	7.6	26.0	0.08
F20	22 Feb 2025	63	10.68	95.32	2.9	33.93	7.6	26.0	0.08
F20	22 Feb 2025	64	10.69	95.68	2.9	33.94	7.6	26.0	0.08
F20	22 Feb 2025	65	10.70	95.87	2.9	33.94	7.6	26.0	0.07
F20	22 Feb 2025	66	10.71	96.07	2.9	33.95	7.6	26.0	0.07
F20	22 Feb 2025	67	10.72	96.23	2.9	33.95	7.6	26.0	0.07
F20	22 Feb 2025	68	10.73	96.44	2.8	33.96	7.6	26.0	0.07
F20	22 Feb 2025	69	10.73	96.53	2.8	33.96	7.6	26.0	0.07
F20	22 Feb 2025	70	10.73	96.37	2.8	33.96	7.6	26.0	0.07
F20	22 Feb 2025	71	10.71	96.49	2.8	33.97	7.6	26.0	0.06
F20	22 Feb 2025	72	10.70	96.40	2.7	33.97	7.6	26.0	0.07
F20	22 Feb 2025	73	10.69	96.33	2.7	33.97	7.6	26.0	0.06
F20	22 Feb 2025	74	10.67	96.26	2.6	33.97	7.6	26.0	0.06
F20	22 Feb 2025	75	10.65	96.01	2.6	33.97	7.6	26.0	0.05
F20	22 Feb 2025	76	10.63	95.80	2.5	33.97	7.6	26.0	0.06
F20	22 Feb 2025	77	10.59	95.24	2.4	33.97	7.6	26.0	0.07
F20	22 Feb 2025	78	10.59	93.35	2.4	33.97	7.6	26.0	0.08
F20	22 Feb 2025	79	10.59	91.79	2.4	33.97	7.6	26.0	0.08
F20	22 Feb 2025	80	10.60	90.84	2.4	33.97	7.6	26.0	0.09
F20	22 Feb 2025	81	10.60	90.63	2.4	33.97	7.6	26.0	0.10
F20	22 Feb 2025	82	10.59	89.92	2.3	33.98	7.6	26.1	0.10
F09	21 Feb 2025	1	14.94	90.46	8.9	33.30	8.1	24.7	0.35
F09	21 Feb 2025	2	14.89	90.30	8.9	33.31	8.1	24.7	0.38
F09	21 Feb 2025	3	14.75	90.06	8.9	33.31	8.1	24.7	0.43
F09	21 Feb 2025	4	14.52	90.34	8.9	33.33	8.1	24.8	0.56
F09	21 Feb 2025	5	14.27	89.80	8.8	33.34	8.1	24.9	0.96
F09	21 Feb 2025	6	14.13	88.50	8.6	33.35	8.1	24.9	2.35
F09	21 Feb 2025	7	13.97	87.26	8.4	33.36	8.0	24.9	3.85
F09	21 Feb 2025	8	13.87	84.54	8.2	33.37	8.0	25.0	5.04
F09	21 Feb 2025	9	13.67	82.97	8.1	33.39	8.0	25.0	6.20
F09	21 Feb 2025	10	13.56	82.17	7.8	33.40	8.0	25.0	5.88
F09	21 Feb 2025	11	13.53	84.59	7.6	33.40	8.0	25.0	4.55
F09	21 Feb 2025	12	13.48	85.92	7.4	33.40	8.0	25.1	4.20
F09	21 Feb 2025	13	13.37	87.55	7.3	33.41	8.0	25.1	3.01
F09	21 Feb 2025	14	13.31	89.48	7.1	33.42	8.0	25.1	2.81
F09	21 Feb 2025	15	13.20	90.24	7.0	33.44	7.9	25.1	2.55
F09	21 Feb 2025	16	13.02	90.51	6.7	33.46	7.9	25.2	1.88
F09	21 Feb 2025	17	12.82	91.42	6.4	33.48	7.9	25.2	1.53
F09	21 Feb 2025	18	12.62	92.31	6.1	33.50	7.9	25.3	1.39
F09	21 Feb 2025	19	12.41	92.66	5.8	33.51	7.8	25.4	1.13

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F09	21 Feb 2025	20	12.30	92.76	5.5	33.50	7.8	25.4	1.11
F09	21 Feb 2025	21	11.94	92.83	5.3	33.50	7.8	25.4	1.06
F09	21 Feb 2025	22	11.66	93.82	5.1	33.53	7.8	25.5	0.92
F09	21 Feb 2025	23	11.48	94.49	4.9	33.55	7.8	25.6	0.78
F09	21 Feb 2025	24	11.40	94.86	4.7	33.57	7.7	25.6	0.68
F09	21 Feb 2025	25	11.35	95.17	4.5	33.60	7.7	25.6	0.62
F09	21 Feb 2025	26	11.28	95.53	4.4	33.63	7.7	25.7	0.57
F09	21 Feb 2025	27	11.24	95.71	4.2	33.64	7.7	25.7	0.57
F09	21 Feb 2025	28	11.22	95.71	4.2	33.65	7.7	25.7	0.55
F09	21 Feb 2025	29	11.19	95.80	4.1	33.66	7.7	25.7	1.44
F09	21 Feb 2025	30	11.15	95.73	4.0	33.68	7.7	25.7	1.44
F09	21 Feb 2025	31	11.11	95.78	4.0	33.70	7.7	25.7	0.42
F09	21 Feb 2025	32	11.05	95.78	3.9	33.72	7.7	25.8	0.39
F09	21 Feb 2025	33	10.99	95.60	3.8	33.74	7.7	25.8	0.33
F09	21 Feb 2025	34	10.97	95.50	3.7	33.75	7.7	25.8	0.28
F09	21 Feb 2025	35	10.93	95.51	3.6	33.77	7.7	25.8	0.25
F09	21 Feb 2025	36	10.87	95.54	3.5	33.80	7.7	25.9	0.22
F09	21 Feb 2025	37	10.85	95.59	3.5	33.81	7.7	25.9	0.20
F09	21 Feb 2025	38	10.84	95.36	3.4	33.83	7.7	25.9	0.18
F09	21 Feb 2025	39	10.82	95.40	3.4	33.84	7.6	25.9	0.14
F09	21 Feb 2025	40	10.80	95.64	3.3	33.84	7.6	25.9	0.13
F09	21 Feb 2025	41	10.80	95.85	3.3	33.84	7.6	25.9	0.12
F09	21 Feb 2025	42	10.80	96.06	3.3	33.84	7.6	25.9	0.12
F09	21 Feb 2025	43	10.80	96.02	3.3	33.84	7.6	25.9	0.12
F09	21 Feb 2025	44	10.80	96.09	3.3	33.84	7.6	25.9	0.11
F09	21 Feb 2025	45	10.80	96.08	3.3	33.84	7.6	25.9	0.18
F09	21 Feb 2025	46	10.80	96.09	3.3	33.84	7.6	25.9	0.21
F09	21 Feb 2025	47	10.79	96.13	3.3	33.85	7.6	25.9	0.11
F09	21 Feb 2025	48	10.79	96.01	3.2	33.85	7.6	25.9	0.11
F09	21 Feb 2025	49	10.79	95.88	3.2	33.85	7.6	25.9	0.11
F09	21 Feb 2025	50	10.79	95.94	3.2	33.85	7.6	25.9	0.11
F09	21 Feb 2025	51	10.79	96.01	3.2	33.85	7.6	25.9	0.11
F09	21 Feb 2025	52	10.79	96.02	3.2	33.85	7.6	25.9	0.11
F09	21 Feb 2025	53	10.79	95.93	3.2	33.85	7.6	25.9	0.11
F09	21 Feb 2025	54	10.80	95.91	3.2	33.85	7.6	25.9	0.11
F09	21 Feb 2025	55	10.80	95.76	3.1	33.85	7.6	25.9	0.14
F09	21 Feb 2025	56	10.80	95.50	3.1	33.86	7.6	25.9	0.13
F09	21 Feb 2025	57	10.82	95.27	3.1	33.86	7.6	25.9	0.12
F09	21 Feb 2025	58	10.82	94.84	3.0	33.86	7.6	25.9	0.12
F09	21 Feb 2025	59	10.82	94.64	3.0	33.86	7.6	25.9	0.13
F09	21 Feb 2025	60	10.83	94.48	3.0	33.87	7.6	25.9	0.13
F09	21 Feb 2025	61	10.85	94.31	2.9	33.88	7.6	25.9	0.13
F09	21 Feb 2025	62	10.82	92.86	2.7	33.91	7.6	26.0	0.14
F09	21 Feb 2025	63	10.77	91.60	2.6	33.91	7.6	26.0	0.17
F32	20 Feb 2025	1	14.83	87.39	9.0	33.27	8.1	24.7	0.65
F32	20 Feb 2025	2	14.80	87.30	9.0	33.28	8.1	24.7	0.70
F32	20 Feb 2025	3	14.75	87.13	9.0	33.28	8.1	24.7	0.83
F32	20 Feb 2025	4	14.74	87.04	9.0	33.28	8.1	24.7	0.95
F32	20 Feb 2025	5	14.74	87.10	9.0	33.28	8.1	24.7	1.02
F32	20 Feb 2025	6	14.67	87.17	9.0	33.29	8.1	24.7	1.05
F32	20 Feb 2025	7	14.63	87.26	9.0	33.29	8.1	24.7	1.48
F32	20 Feb 2025	8	14.63	87.15	8.9	33.29	8.1	24.7	1.88
F32	20 Feb 2025	9	14.56	87.37	8.9	33.30	8.1	24.8	2.14
F32	20 Feb 2025	10	14.54	86.85	8.9	33.30	8.1	24.8	2.78
F32	20 Feb 2025	11	14.52	87.01	8.9	33.30	8.1	24.8	2.74
F32	20 Feb 2025	12	14.51	86.62	8.9	33.30	8.1	24.8	3.04
F32	20 Feb 2025	13	14.47	86.56	8.9	33.30	8.1	24.8	3.04
F32	20 Feb 2025	14	14.44	86.59	8.9	33.31	8.1	24.8	3.29
F32	20 Feb 2025	15	14.33	86.37	8.8	33.32	8.1	24.8	3.61
F32	20 Feb 2025	16	14.22	86.02	8.7	33.33	8.1	24.9	4.18

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F32	20 Feb 2025	17	14.13	85.32	8.6	33.34	8.1	24.9	4.74
F32	20 Feb 2025	18	14.10	85.16	8.6	33.34	8.1	24.9	4.91
F32	20 Feb 2025	19	14.01	84.31	8.4	33.35	8.1	24.9	5.67
F32	20 Feb 2025	20	13.90	83.92	8.2	33.37	8.1	24.9	5.77
F32	20 Feb 2025	21	13.75	84.19	7.9	33.38	8.0	25.0	5.15
F32	20 Feb 2025	22	13.66	84.96	7.7	33.39	8.0	25.0	4.25
F32	20 Feb 2025	23	13.45	86.19	7.4	33.42	8.0	25.1	3.83
F32	20 Feb 2025	24	13.29	87.34	7.2	33.43	8.0	25.1	3.07
F32	20 Feb 2025	25	13.27	88.64	7.0	33.43	8.0	25.1	3.04
F32	20 Feb 2025	26	13.03	89.83	6.8	33.45	8.0	25.2	2.32
F32	20 Feb 2025	27	12.88	90.84	6.5	33.47	7.9	25.2	1.93
F32	20 Feb 2025	28	12.56	90.83	6.0	33.51	7.9	25.3	1.47
F32	20 Feb 2025	29	12.26	91.96	5.6	33.54	7.9	25.4	1.15
F32	20 Feb 2025	30	11.95	92.14	5.1	33.58	7.8	25.5	0.90
F32	20 Feb 2025	31	12.01	92.02	5.0	33.56	7.8	25.5	1.03
F32	20 Feb 2025	32	11.71	92.44	4.8	33.61	7.8	25.6	0.94
F32	20 Feb 2025	33	11.53	92.54	4.5	33.63	7.8	25.6	0.71
F32	20 Feb 2025	34	11.43	92.74	4.2	33.65	7.8	25.6	0.56
F32	20 Feb 2025	35	11.44	92.60	4.1	33.65	7.7	25.6	0.57
F32	20 Feb 2025	36	11.38	92.58	4.1	33.66	7.7	25.7	0.51
F32	20 Feb 2025	37	11.30	92.53	4.0	33.68	7.7	25.7	0.49
F32	20 Feb 2025	38	11.22	92.51	3.9	33.70	7.7	25.7	0.44
F32	20 Feb 2025	39	11.19	92.66	3.8	33.71	7.7	25.7	0.44
F32	20 Feb 2025	40	11.10	92.75	3.7	33.74	7.7	25.8	0.36
F32	20 Feb 2025	41	11.01	93.20	3.5	33.77	7.7	25.8	0.28
F32	20 Feb 2025	42	10.99	93.26	3.4	33.78	7.7	25.8	0.27
F32	20 Feb 2025	43	10.97	93.03	3.4	33.79	7.7	25.8	0.24
F32	20 Feb 2025	44	10.96	93.22	3.4	33.80	7.7	25.8	0.25
F32	20 Feb 2025	45	10.94	93.49	3.3	33.80	7.7	25.9	0.25
F32	20 Feb 2025	46	10.90	93.54	3.3	33.82	7.7	25.9	0.22
F32	20 Feb 2025	47	10.85	93.51	3.2	33.84	7.7	25.9	0.19
F32	20 Feb 2025	48	10.83	93.55	3.1	33.85	7.7	25.9	0.18
F32	20 Feb 2025	49	10.83	93.61	3.1	33.85	7.7	25.9	0.20
F32	20 Feb 2025	50	10.79	93.80	3.1	33.87	7.7	25.9	0.17
F32	20 Feb 2025	51	10.76	93.87	3.0	33.88	7.7	25.9	0.15
F32	20 Feb 2025	52	10.75	93.96	3.0	33.89	7.7	26.0	0.14
F32	20 Feb 2025	53	10.76	93.89	3.0	33.88	7.7	26.0	0.15
F32	20 Feb 2025	54	10.72	93.94	3.0	33.91	7.7	26.0	0.14
F32	20 Feb 2025	55	10.67	94.01	2.9	33.93	7.7	26.0	0.13
F32	20 Feb 2025	56	10.63	93.97	2.8	33.95	7.7	26.0	0.11
F32	20 Feb 2025	57	10.62	93.82	2.8	33.96	7.7	26.0	0.09
F32	20 Feb 2025	58	10.61	94.31	2.8	33.96	7.7	26.0	0.10
F32	20 Feb 2025	59	10.61	94.31	2.8	33.96	7.7	26.0	0.10
F32	20 Feb 2025	60	10.60	94.33	2.8	33.97	7.6	26.0	0.10
F32	20 Feb 2025	61	10.60	94.36	2.8	33.97	7.6	26.0	0.09
F32	20 Feb 2025	62	10.59	94.45	2.7	33.97	7.6	26.0	0.10
F32	20 Feb 2025	63	10.56	94.42	2.7	33.99	7.6	26.1	0.09
F32	20 Feb 2025	64	10.56	94.45	2.7	33.99	7.6	26.1	0.08
F32	20 Feb 2025	65	10.55	94.77	2.7	34.00	7.6	26.1	0.08
F32	20 Feb 2025	66	10.55	94.72	2.7	34.00	7.6	26.1	0.08
F32	20 Feb 2025	67	10.53	94.94	2.6	34.02	7.6	26.1	0.08
F32	20 Feb 2025	68	10.52	95.11	2.6	34.02	7.6	26.1	0.07
F32	20 Feb 2025	69	10.50	95.18	2.6	34.03	7.6	26.1	0.07
F32	20 Feb 2025	70	10.48	95.33	2.6	34.04	7.6	26.1	0.08
F32	20 Feb 2025	71	10.47	95.24	2.6	34.04	7.6	26.1	0.07
F32	20 Feb 2025	72	10.46	95.31	2.6	34.05	7.6	26.1	0.07
F32	20 Feb 2025	73	10.45	95.30	2.5	34.05	7.6	26.1	0.07
F32	20 Feb 2025	74	10.40	95.23	2.5	34.06	7.6	26.2	0.07
F32	20 Feb 2025	75	10.38	95.17	2.5	34.07	7.6	26.2	0.06
F32	20 Feb 2025	76	10.34	95.09	2.5	34.08	7.6	26.2	0.06
F32	20 Feb 2025	77	10.34	94.78	2.5	34.08	7.6	26.2	0.06



Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F32	20 Feb 2025	78	10.32	94.59	2.5	34.08	7.6	26.2	0.06
F32	20 Feb 2025	79	10.30	94.61	2.5	34.09	7.6	26.2	0.07
F32	20 Feb 2025	80	10.29	94.59	2.5	34.09	7.6	26.2	0.06
F32	20 Feb 2025	81	10.27	94.75	2.5	34.09	7.6	26.2	0.05
F32	20 Feb 2025	82	10.27	94.97	2.5	34.09	7.6	26.2	0.06
F32	20 Feb 2025	83	10.26	95.10	2.5	34.09	7.6	26.2	0.06
F32	20 Feb 2025	84	10.25	95.22	2.5	34.09	7.6	26.2	0.06
F32	20 Feb 2025	85	10.25	95.24	2.5	34.10	7.6	26.2	0.06
F32	20 Feb 2025	86	10.24	95.73	2.5	34.10	7.6	26.2	0.06
F32	20 Feb 2025	87	10.23	95.90	2.5	34.10	7.6	26.2	0.05
F32	20 Feb 2025	88	10.21	96.06	2.6	34.10	7.6	26.2	0.06
F32	20 Feb 2025	89	10.18	96.35	2.6	34.10	7.6	26.2	0.05
F32	20 Feb 2025	90	10.14	96.66	2.6	34.10	7.6	26.2	0.05
F32	20 Feb 2025	91	10.11	96.93	2.6	34.10	7.6	26.2	0.05
F32	20 Feb 2025	92	10.11	96.97	2.7	34.10	7.6	26.2	0.05
F32	20 Feb 2025	93	10.11	96.99	2.6	34.10	7.6	26.2	0.05
F32	20 Feb 2025	94	10.10	97.04	2.6	34.11	7.6	26.2	0.05
F32	20 Feb 2025	95	10.09	97.02	2.6	34.11	7.6	26.2	0.05
F32	20 Feb 2025	96	10.09	96.93	2.6	34.11	7.6	26.2	0.05
F32	20 Feb 2025	97	10.09	96.93	2.6	34.11	7.6	26.2	0.05
F32	20 Feb 2025	98	10.09	96.96	2.6	34.11	7.6	26.2	0.05
F32	20 Feb 2025	99	10.05	96.93	2.6	34.12	7.6	26.3	0.05
F32	20 Feb 2025	100	10.04	96.61	2.6	34.12	7.6	26.3	0.05
F32	20 Feb 2025	101	10.02	96.29	2.6	34.12	7.6	26.3	0.06
F32	20 Feb 2025	102	10.01	95.65	2.6	34.12	7.6	26.3	0.06
F21	22 Feb 2025	1	14.94	92.36	8.9	33.30	8.1	24.7	0.41
F21	22 Feb 2025	2	14.92	92.07	8.9	33.30	8.1	24.7	0.41
F21	22 Feb 2025	3	14.90	92.43	8.9	33.30	8.1	24.7	0.47
F21	22 Feb 2025	4	14.88	92.36	8.9	33.31	8.1	24.7	0.50
F21	22 Feb 2025	5	14.87	92.11	8.9	33.31	8.1	24.7	0.59
F21	22 Feb 2025	6	14.86	92.15	8.9	33.31	8.1	24.7	0.61
F21	22 Feb 2025	7	14.79	92.44	8.9	33.31	8.1	24.7	0.66
F21	22 Feb 2025	8	14.78	92.40	8.9	33.31	8.1	24.7	0.78
F21	22 Feb 2025	9	14.71	92.42	8.9	33.32	8.1	24.7	0.96
F21	22 Feb 2025	10	14.68	92.17	8.9	33.32	8.1	24.7	1.03
F21	22 Feb 2025	11	14.65	91.77	9.0	33.31	8.1	24.7	1.09
F21	22 Feb 2025	12	14.62	91.76	9.0	33.32	8.1	24.8	1.32
F21	22 Feb 2025	13	14.46	91.68	8.9	33.33	8.1	24.8	1.84
F21	22 Feb 2025	14	14.33	91.44	8.8	33.34	8.1	24.8	2.19
F21	22 Feb 2025	15	14.30	90.63	8.8	33.33	8.1	24.8	2.47
F21	22 Feb 2025	16	14.24	90.39	8.8	33.34	8.1	24.9	2.30
F21	22 Feb 2025	17	14.07	89.73	8.8	33.35	8.1	24.9	2.43
F21	22 Feb 2025	18	14.00	89.88	8.7	33.36	8.1	24.9	2.77
F21	22 Feb 2025	19	13.92	89.44	8.5	33.36	8.1	24.9	3.14
F21	22 Feb 2025	20	13.70	88.34	8.1	33.39	8.1	25.0	5.43
F21	22 Feb 2025	21	13.31	86.16	7.4	33.43	8.0	25.1	5.86
F21	22 Feb 2025	22	13.18	86.45	7.0	33.43	8.0	25.1	2.96
F21	22 Feb 2025	23	12.89	89.73	6.5	33.47	7.9	25.2	1.97
F21	22 Feb 2025	24	12.47	92.09	6.0	33.51	7.9	25.3	1.66
F21	22 Feb 2025	25	12.31	92.75	5.6	33.52	7.9	25.4	1.28
F21	22 Feb 2025	26	12.17	93.22	5.4	33.53	7.8	25.4	0.96
F21	22 Feb 2025	27	12.11	93.51	5.2	33.54	7.8	25.4	0.90
F21	22 Feb 2025	28	12.04	93.79	5.1	33.55	7.8	25.5	0.92
F21	22 Feb 2025	29	11.86	93.73	4.9	33.58	7.8	25.5	0.83
F21	22 Feb 2025	30	11.81	93.41	4.8	33.59	7.8	25.5	0.86
F21	22 Feb 2025	31	11.72	93.75	4.6	33.60	7.8	25.6	0.83
F21	22 Feb 2025	32	11.52	93.75	4.4	33.64	7.8	25.6	0.75
F21	22 Feb 2025	33	11.46	93.60	4.2	33.65	7.7	25.6	0.60
F21	22 Feb 2025	34	11.28	93.90	4.1	33.69	7.7	25.7	0.60
F21	22 Feb 2025	35	11.17	93.97	3.9	33.71	7.7	25.7	0.58

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F21	22 Feb 2025	36	11.13	94.04	3.8	33.72	7.7	25.8	0.43
F21	22 Feb 2025	37	11.04	94.21	3.7	33.75	7.7	25.8	0.38
F21	22 Feb 2025	38	10.92	94.29	3.6	33.78	7.7	25.8	0.29
F21	22 Feb 2025	39	10.89	94.58	3.5	33.79	7.7	25.9	0.25
F21	22 Feb 2025	40	10.85	94.70	3.5	33.81	7.7	25.9	0.23
F21	22 Feb 2025	41	10.82	94.97	3.4	33.82	7.7	25.9	0.20
F21	22 Feb 2025	42	10.79	95.23	3.4	33.83	7.7	25.9	0.17
F21	22 Feb 2025	43	10.79	95.41	3.3	33.83	7.7	25.9	0.16
F21	22 Feb 2025	44	10.79	95.48	3.3	33.83	7.7	25.9	0.17
F21	22 Feb 2025	45	10.78	95.54	3.3	33.83	7.7	25.9	0.15
F21	22 Feb 2025	46	10.78	95.62	3.3	33.83	7.7	25.9	0.16
F21	22 Feb 2025	47	10.79	95.72	3.3	33.83	7.7	25.9	0.15
F21	22 Feb 2025	48	10.78	95.74	3.3	33.83	7.7	25.9	0.15
F21	22 Feb 2025	49	10.76	95.73	3.3	33.84	7.7	25.9	0.14
F21	22 Feb 2025	50	10.74	95.97	3.3	33.85	7.7	25.9	0.12
F21	22 Feb 2025	51	10.71	96.31	3.3	33.86	7.7	25.9	0.13
F21	22 Feb 2025	52	10.70	95.99	3.2	33.88	7.7	26.0	0.10
F21	22 Feb 2025	53	10.70	96.32	3.2	33.88	7.7	26.0	0.09
F21	22 Feb 2025	54	10.69	96.34	3.2	33.89	7.7	26.0	0.09
F21	22 Feb 2025	55	10.68	96.31	3.1	33.90	7.7	26.0	0.09
F21	22 Feb 2025	56	10.68	96.19	3.1	33.91	7.7	26.0	0.08
F21	22 Feb 2025	57	10.67	96.08	3.0	33.92	7.7	26.0	0.08
F21	22 Feb 2025	58	10.67	95.97	3.0	33.93	7.7	26.0	0.08
F21	22 Feb 2025	59	10.67	95.84	3.0	33.93	7.7	26.0	0.08
F21	22 Feb 2025	60	10.66	95.83	2.9	33.93	7.6	26.0	0.08
F21	22 Feb 2025	61	10.66	95.73	2.9	33.94	7.6	26.0	0.08
F21	22 Feb 2025	62	10.67	95.76	2.9	33.95	7.6	26.0	0.08
F21	22 Feb 2025	63	10.67	95.87	2.9	33.95	7.6	26.0	0.07
F21	22 Feb 2025	64	10.67	95.87	2.9	33.96	7.6	26.0	0.07
F21	22 Feb 2025	65	10.67	96.01	2.9	33.96	7.6	26.0	0.07
F21	22 Feb 2025	66	10.68	96.03	2.8	33.96	7.6	26.0	0.07
F21	22 Feb 2025	67	10.68	96.04	2.8	33.96	7.6	26.0	0.07
F21	22 Feb 2025	68	10.68	96.07	2.8	33.96	7.6	26.0	0.07
F21	22 Feb 2025	69	10.68	96.11	2.8	33.96	7.6	26.0	0.07
F21	22 Feb 2025	70	10.68	96.15	2.8	33.96	7.6	26.0	0.08
F21	22 Feb 2025	71	10.68	96.11	2.8	33.96	7.6	26.0	0.07
F21	22 Feb 2025	72	10.66	96.01	2.8	33.96	7.6	26.0	0.06
F21	22 Feb 2025	73	10.65	95.92	2.8	33.96	7.6	26.0	0.07
F21	22 Feb 2025	74	10.64	95.55	2.7	33.96	7.6	26.0	0.07
F21	22 Feb 2025	75	10.62	95.35	2.7	33.95	7.6	26.0	0.07
F21	22 Feb 2025	76	10.62	95.04	2.7	33.95	7.6	26.0	0.07
F21	22 Feb 2025	77	10.62	94.90	2.7	33.95	7.6	26.0	0.07
F21	22 Feb 2025	78	10.60	94.78	2.6	33.95	7.6	26.0	0.07
F21	22 Feb 2025	79	10.57	94.67	2.6	33.96	7.6	26.0	0.07
F21	22 Feb 2025	80	10.56	94.25	2.5	33.96	7.6	26.0	0.08
F21	22 Feb 2025	81	10.56	93.55	2.5	33.97	7.6	26.0	0.08
F21	22 Feb 2025	82	10.56	93.27	2.5	33.97	7.6	26.1	0.08
F21	22 Feb 2025	83	10.56	92.72	2.5	33.97	7.6	26.1	0.08
F21	22 Feb 2025	84	10.56	92.49	2.5	33.97	7.6	26.1	0.10
F10	21 Feb 2025	1	14.97	90.53	9.0	33.30	8.1	24.7	0.54
F10	21 Feb 2025	2	14.92	90.48	9.0	33.30	8.1	24.7	0.54
F10	21 Feb 2025	3	14.81	90.18	9.0	33.31	8.1	24.7	0.64
F10	21 Feb 2025	4	14.63	90.16	9.1	33.32	8.1	24.8	0.63
F10	21 Feb 2025	5	14.41	90.17	9.1	33.34	8.1	24.8	0.77
F10	21 Feb 2025	6	14.26	89.45	8.9	33.34	8.1	24.8	1.18
F10	21 Feb 2025	7	14.21	88.75	8.8	33.33	8.1	24.9	1.77
F10	21 Feb 2025	8	14.17	88.06	8.7	33.34	8.1	24.9	2.55
F10	21 Feb 2025	9	14.11	87.07	8.5	33.34	8.1	24.9	3.56
F10	21 Feb 2025	10	14.00	86.44	8.3	33.36	8.0	24.9	4.75
F10	21 Feb 2025	11	13.85	86.19	8.1	33.38	8.0	25.0	4.51

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F10	21 Feb 2025	12	13.76	86.66	7.9	33.38	8.0	25.0	4.37
F10	21 Feb 2025	13	13.56	86.86	7.7	33.41	8.0	25.0	3.78
F10	21 Feb 2025	14	13.43	88.29	7.4	33.42	8.0	25.1	2.59
F10	21 Feb 2025	15	13.39	90.03	7.3	33.42	8.0	25.1	2.51
F10	21 Feb 2025	16	13.25	90.56	7.1	33.44	8.0	25.1	2.56
F10	21 Feb 2025	17	13.13	91.24	6.9	33.45	7.9	25.2	1.94
F10	21 Feb 2025	18	13.02	91.61	6.7	33.46	7.9	25.2	1.84
F10	21 Feb 2025	19	12.86	91.66	6.4	33.48	7.9	25.2	1.73
F10	21 Feb 2025	20	12.72	92.12	6.2	33.49	7.9	25.3	1.32
F10	21 Feb 2025	21	12.53	92.18	5.9	33.50	7.9	25.3	1.43
F10	21 Feb 2025	22	12.38	92.48	5.8	33.50	7.8	25.4	1.22
F10	21 Feb 2025	23	12.16	92.93	5.6	33.50	7.8	25.4	1.23
F10	21 Feb 2025	24	11.96	92.59	5.3	33.51	7.8	25.4	0.96
F10	21 Feb 2025	25	11.81	93.89	5.2	33.51	7.8	25.5	0.88
F10	21 Feb 2025	26	11.55	94.54	4.9	33.56	7.8	25.6	0.79
F10	21 Feb 2025	27	11.42	95.05	4.7	33.58	7.7	25.6	0.69
F10	21 Feb 2025	28	11.38	95.37	4.5	33.59	7.7	25.6	0.65
F10	21 Feb 2025	29	11.31	95.14	4.4	33.61	7.7	25.6	0.59
F10	21 Feb 2025	30	11.28	95.41	4.3	33.62	7.7	25.6	0.54
F10	21 Feb 2025	31	11.23	95.65	4.2	33.64	7.7	25.7	0.49
F10	21 Feb 2025	32	11.18	95.90	4.1	33.67	7.7	25.7	0.45
F10	21 Feb 2025	33	11.13	95.78	4.0	33.69	7.7	25.7	0.77
F10	21 Feb 2025	34	11.10	95.67	3.9	33.70	7.7	25.7	0.56
F10	21 Feb 2025	35	11.08	95.46	3.9	33.71	7.7	25.8	0.35
F10	21 Feb 2025	36	11.07	95.51	3.8	33.71	7.7	25.8	0.35
F10	21 Feb 2025	37	11.06	95.55	3.8	33.72	7.7	25.8	0.36
F10	21 Feb 2025	38	11.01	95.53	3.7	33.74	7.7	25.8	0.34
F10	21 Feb 2025	39	10.94	95.53	3.6	33.77	7.7	25.8	0.28
F10	21 Feb 2025	40	10.91	95.26	3.6	33.79	7.7	25.8	0.25
F10	21 Feb 2025	41	10.87	95.28	3.5	33.80	7.7	25.9	0.20
F10	21 Feb 2025	42	10.87	95.40	3.5	33.80	7.7	25.9	0.19
F10	21 Feb 2025	43	10.86	95.52	3.4	33.80	7.7	25.9	0.17
F10	21 Feb 2025	44	10.86	95.47	3.4	33.80	7.7	25.9	0.18
F10	21 Feb 2025	45	10.86	95.60	3.4	33.80	7.7	25.9	0.18
F10	21 Feb 2025	46	10.86	95.62	3.4	33.80	7.7	25.9	0.18
F10	21 Feb 2025	47	10.86	95.52	3.4	33.80	7.7	25.9	0.20
F10	21 Feb 2025	48	10.86	95.52	3.4	33.81	7.6	25.9	0.19
F10	21 Feb 2025	49	10.85	95.53	3.4	33.81	7.6	25.9	0.16
F10	21 Feb 2025	50	10.85	95.43	3.4	33.81	7.6	25.9	0.16
F10	21 Feb 2025	51	10.85	95.39	3.4	33.81	7.6	25.9	0.16
F10	21 Feb 2025	52	10.85	95.54	3.3	33.82	7.6	25.9	0.16
F10	21 Feb 2025	53	10.85	95.58	3.3	33.82	7.6	25.9	0.14
F10	21 Feb 2025	54	10.85	95.59	3.2	33.83	7.6	25.9	0.16
F10	21 Feb 2025	55	10.81	95.50	3.1	33.85	7.6	25.9	0.15
F10	21 Feb 2025	56	10.74	95.22	3.1	33.86	7.6	25.9	0.12
F10	21 Feb 2025	57	10.72	95.58	3.1	33.87	7.6	25.9	0.09
F10	21 Feb 2025	58	10.74	95.71	3.0	33.88	7.6	25.9	0.12
F10	21 Feb 2025	59	10.76	95.24	2.9	33.88	7.6	25.9	0.12
F10	21 Feb 2025	60	10.79	94.27	2.8	33.90	7.6	26.0	0.11
F10	21 Feb 2025	61	10.78	92.78	2.7	33.91	7.6	26.0	0.13
F10	21 Feb 2025	62	10.75	91.13	2.7	33.91	7.6	26.0	0.15
F33	20 Feb 2025	1	14.81	86.72	8.8	33.27	8.1	24.7	0.86
F33	20 Feb 2025	2	14.82	86.69	8.8	33.27	8.1	24.7	0.87
F33	20 Feb 2025	3	14.77	87.08	8.8	33.27	8.1	24.7	0.92
F33	20 Feb 2025	4	14.73	87.12	8.9	33.27	8.1	24.7	1.42
F33	20 Feb 2025	5	14.71	87.37	8.9	33.28	8.1	24.7	1.38
F33	20 Feb 2025	6	14.63	87.06	8.9	33.30	8.1	24.7	1.57
F33	20 Feb 2025	7	14.58	87.37	8.9	33.30	8.1	24.8	1.97
F33	20 Feb 2025	8	14.36	88.01	8.7	33.34	8.1	24.8	2.21
F33	20 Feb 2025	9	14.34	89.99	8.5	33.34	8.1	24.8	2.07

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F33	20 Feb 2025	10	14.25	90.38	8.4	33.34	8.1	24.9	2.28
F33	20 Feb 2025	11	14.21	90.10	8.4	33.34	8.1	24.9	2.68
F33	20 Feb 2025	12	14.21	90.16	8.4	33.34	8.1	24.9	3.04
F33	20 Feb 2025	13	14.15	89.38	8.3	33.35	8.1	24.9	4.19
F33	20 Feb 2025	14	14.07	89.68	8.2	33.35	8.1	24.9	3.75
F33	20 Feb 2025	15	13.94	89.27	8.0	33.37	8.1	24.9	3.46
F33	20 Feb 2025	16	13.71	87.60	7.8	33.39	8.0	25.0	3.84
F33	20 Feb 2025	17	13.76	86.98	7.8	33.38	8.0	25.0	3.96
F33	20 Feb 2025	18	13.50	87.98	7.6	33.41	8.0	25.1	3.23
F33	20 Feb 2025	19	13.43	88.83	7.4	33.41	8.0	25.1	2.71
F33	20 Feb 2025	20	13.31	90.08	7.1	33.44	8.0	25.1	2.75
F33	20 Feb 2025	21	12.65	91.29	6.4	33.50	7.9	25.3	1.70
F33	20 Feb 2025	22	12.56	91.87	6.0	33.49	7.9	25.3	1.27
F33	20 Feb 2025	23	12.52	91.92	5.8	33.49	7.9	25.3	1.36
F33	20 Feb 2025	24	12.34	92.12	5.6	33.51	7.9	25.4	1.07
F33	20 Feb 2025	25	12.35	92.42	5.5	33.51	7.8	25.4	1.20
F33	20 Feb 2025	26	12.11	92.16	5.3	33.53	7.8	25.4	0.91
F33	20 Feb 2025	27	12.18	92.16	5.2	33.52	7.8	25.4	1.02
F33	20 Feb 2025	28	11.90	92.49	5.0	33.57	7.8	25.5	0.91
F33	20 Feb 2025	29	11.81	92.52	4.8	33.58	7.8	25.5	0.70
F33	20 Feb 2025	30	11.82	92.88	4.8	33.57	7.8	25.5	0.72
F33	20 Feb 2025	31	11.86	92.89	4.8	33.57	7.8	25.5	0.76
F33	20 Feb 2025	32	11.67	92.89	4.6	33.61	7.8	25.6	0.67
F33	20 Feb 2025	33	11.62	92.81	4.5	33.61	7.8	25.6	0.64
F33	20 Feb 2025	34	11.62	93.10	4.4	33.61	7.8	25.6	0.62
F33	20 Feb 2025	35	11.59	93.12	4.3	33.62	7.8	25.6	0.68
F33	20 Feb 2025	36	11.38	93.04	4.2	33.67	7.8	25.7	0.57
F33	20 Feb 2025	37	11.26	93.05	3.9	33.70	7.7	25.7	0.55
F33	20 Feb 2025	38	11.13	93.11	3.7	33.74	7.7	25.8	0.44
F33	20 Feb 2025	39	11.17	93.61	3.7	33.73	7.7	25.8	0.36
F33	20 Feb 2025	40	11.04	93.78	3.6	33.76	7.7	25.8	0.28
F33	20 Feb 2025	41	11.01	93.73	3.5	33.77	7.7	25.8	0.27
F33	20 Feb 2025	42	10.95	93.93	3.4	33.80	7.7	25.8	0.25
F33	20 Feb 2025	43	10.91	93.74	3.3	33.82	7.7	25.9	0.21
F33	20 Feb 2025	44	10.89	93.77	3.3	33.82	7.7	25.9	0.19
F33	20 Feb 2025	45	10.88	93.95	3.2	33.83	7.7	25.9	0.20
F33	20 Feb 2025	46	10.87	93.89	3.2	33.83	7.7	25.9	0.23
F33	20 Feb 2025	47	10.84	93.97	3.2	33.84	7.7	25.9	0.20
F33	20 Feb 2025	48	10.79	94.05	3.1	33.86	7.7	25.9	0.18
F33	20 Feb 2025	49	10.76	94.03	3.1	33.87	7.7	25.9	0.15
F33	20 Feb 2025	50	10.76	94.13	3.1	33.88	7.7	25.9	0.14
F33	20 Feb 2025	51	10.73	94.25	3.0	33.89	7.7	26.0	0.14
F33	20 Feb 2025	52	10.71	94.29	3.0	33.90	7.7	26.0	0.13
F33	20 Feb 2025	53	10.73	94.60	3.0	33.89	7.7	26.0	0.14
F33	20 Feb 2025	54	10.68	94.47	3.0	33.92	7.7	26.0	0.13
F33	20 Feb 2025	55	10.62	94.79	2.9	33.96	7.7	26.0	0.11
F33	20 Feb 2025	56	10.61	95.12	2.8	33.96	7.7	26.0	0.09
F33	20 Feb 2025	57	10.59	95.05	2.8	33.97	7.6	26.0	0.09
F33	20 Feb 2025	58	10.58	95.05	2.8	33.98	7.6	26.1	0.08
F33	20 Feb 2025	59	10.57	94.97	2.8	33.99	7.6	26.1	0.12
F33	20 Feb 2025	60	10.57	95.01	2.7	33.99	7.6	26.1	0.15
F33	20 Feb 2025	61	10.57	95.18	2.7	33.99	7.6	26.1	0.10
F33	20 Feb 2025	62	10.56	95.08	2.7	34.00	7.6	26.1	0.08
F33	20 Feb 2025	63	10.55	95.09	2.7	34.00	7.6	26.1	0.10
F33	20 Feb 2025	64	10.55	95.09	2.7	34.00	7.6	26.1	0.08
F33	20 Feb 2025	65	10.54	95.11	2.7	34.01	7.6	26.1	0.08
F33	20 Feb 2025	66	10.53	94.99	2.6	34.01	7.6	26.1	0.08
F33	20 Feb 2025	67	10.53	95.07	2.6	34.01	7.6	26.1	0.08
F33	20 Feb 2025	68	10.51	95.04	2.6	34.02	7.6	26.1	0.07
F33	20 Feb 2025	69	10.48	94.82	2.6	34.03	7.6	26.1	0.08
F33	20 Feb 2025	70	10.45	94.67	2.6	34.04	7.6	26.1	0.07

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F33	20 Feb 2025	71	10.44	94.80	2.5	34.05	7.6	26.1	0.07
F33	20 Feb 2025	72	10.43	95.56	2.5	34.07	7.6	26.2	0.07
F33	20 Feb 2025	73	10.43	95.78	2.5	34.08	7.6	26.2	0.06
F33	20 Feb 2025	74	10.43	95.88	2.5	34.08	7.6	26.2	0.06
F33	20 Feb 2025	75	10.43	95.98	2.5	34.08	7.6	26.2	0.07
F33	20 Feb 2025	76	10.43	96.00	2.5	34.08	7.6	26.2	0.06
F33	20 Feb 2025	77	10.43	96.08	2.5	34.08	7.6	26.2	0.08
F33	20 Feb 2025	78	10.43	96.08	2.5	34.08	7.6	26.2	0.08
F33	20 Feb 2025	79	10.43	96.10	2.5	34.08	7.6	26.2	0.06
F33	20 Feb 2025	80	10.43	96.04	2.5	34.08	7.6	26.2	0.06
F33	20 Feb 2025	81	10.42	96.05	2.5	34.08	7.6	26.2	0.06
F33	20 Feb 2025	82	10.40	95.98	2.5	34.08	7.6	26.2	0.06
F33	20 Feb 2025	83	10.34	95.60	2.5	34.09	7.6	26.2	0.06
F33	20 Feb 2025	84	10.33	95.20	2.5	34.09	7.6	26.2	0.06
F33	20 Feb 2025	85	10.33	95.36	2.5	34.09	7.6	26.2	0.06
F33	20 Feb 2025	86	10.34	95.37	2.5	34.09	7.6	26.2	0.06
F33	20 Feb 2025	87	10.32	95.41	2.5	34.09	7.6	26.2	0.07
F33	20 Feb 2025	88	10.32	95.44	2.5	34.09	7.6	26.2	0.06
F33	20 Feb 2025	89	10.30	95.48	2.5	34.09	7.6	26.2	0.06
F33	20 Feb 2025	90	10.30	95.52	2.5	34.09	7.6	26.2	0.06
F33	20 Feb 2025	91	10.27	95.58	2.5	34.09	7.6	26.2	0.07
F33	20 Feb 2025	92	10.21	95.43	2.5	34.10	7.6	26.2	0.10
F33	20 Feb 2025	93	10.20	95.56	2.5	34.10	7.6	26.2	0.06
F33	20 Feb 2025	94	10.18	95.58	2.5	34.10	7.6	26.2	0.06
F33	20 Feb 2025	95	10.17	95.58	2.5	34.10	7.6	26.2	0.06
F33	20 Feb 2025	96	10.17	95.69	2.5	34.10	7.6	26.2	0.06
F33	20 Feb 2025	97	10.16	95.54	2.5	34.11	7.6	26.2	0.05
F33	20 Feb 2025	98	10.16	95.38	2.5	34.11	7.6	26.2	0.06
F33	20 Feb 2025	99	10.15	95.29	2.5	34.11	7.6	26.2	0.06
F33	20 Feb 2025	100	10.15	95.25	2.5	34.11	7.6	26.2	0.06
F33	20 Feb 2025	101	10.13	95.26	2.5	34.11	7.6	26.2	0.06
F33	20 Feb 2025	102	10.12	95.20	2.5	34.11	7.6	26.2	0.06
F22	22 Feb 2025	1	15.05	91.34	8.9	33.31	8.1	24.7	0.55
F22	22 Feb 2025	2	15.00	91.37	8.9	33.31	8.1	24.7	0.53
F22	22 Feb 2025	3	14.98	91.36	8.9	33.31	8.1	24.7	0.55
F22	22 Feb 2025	4	15.02	91.44	8.9	33.31	8.1	24.7	0.61
F22	22 Feb 2025	5	15.00	91.14	8.9	33.31	8.1	24.7	0.61
F22	22 Feb 2025	6	14.91	91.32	8.8	33.31	8.1	24.7	0.72
F22	22 Feb 2025	7	14.80	91.37	8.9	33.31	8.1	24.7	0.75
F22	22 Feb 2025	8	14.78	91.84	8.9	33.31	8.1	24.7	0.78
F22	22 Feb 2025	9	14.77	92.08	8.9	33.31	8.1	24.7	0.85
F22	22 Feb 2025	10	14.75	92.05	8.9	33.31	8.1	24.7	0.88
F22	22 Feb 2025	11	14.68	91.87	8.9	33.32	8.1	24.7	1.11
F22	22 Feb 2025	12	14.62	92.05	8.9	33.32	8.1	24.8	1.35
F22	22 Feb 2025	13	14.57	91.73	8.8	33.32	8.1	24.8	1.73
F22	22 Feb 2025	14	14.47	91.32	8.8	33.33	8.1	24.8	2.04
F22	22 Feb 2025	15	14.39	90.52	8.8	33.33	8.1	24.8	2.02
F22	22 Feb 2025	16	14.32	90.39	8.7	33.34	8.1	24.8	2.15
F22	22 Feb 2025	17	14.25	90.45	8.6	33.34	8.1	24.9	2.43
F22	22 Feb 2025	18	14.22	90.11	8.6	33.34	8.1	24.9	2.84
F22	22 Feb 2025	19	14.19	89.74	8.5	33.34	8.1	24.9	3.28
F22	22 Feb 2025	20	14.16	88.86	8.4	33.35	8.1	24.9	3.29
F22	22 Feb 2025	21	14.01	88.39	8.4	33.36	8.1	24.9	3.24
F22	22 Feb 2025	22	13.58	88.05	7.9	33.41	8.1	25.0	3.93
F22	22 Feb 2025	23	13.32	87.08	7.3	33.43	8.0	25.1	2.90
F22	22 Feb 2025	24	13.22	89.27	7.0	33.43	8.0	25.1	1.85
F22	22 Feb 2025	25	13.08	91.77	6.7	33.45	8.0	25.2	1.65
F22	22 Feb 2025	26	12.66	92.48	6.2	33.50	7.9	25.3	1.62
F22	22 Feb 2025	27	12.38	92.92	5.8	33.52	7.9	25.4	1.13
F22	22 Feb 2025	28	12.22	93.52	5.5	33.52	7.8	25.4	1.05

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F22	22 Feb 2025	29	12.13	93.93	5.3	33.53	7.8	25.4	1.03
F22	22 Feb 2025	30	11.93	94.03	5.0	33.56	7.8	25.5	0.95
F22	22 Feb 2025	31	11.75	93.97	4.8	33.58	7.8	25.5	0.81
F22	22 Feb 2025	32	11.67	94.15	4.6	33.59	7.8	25.6	0.74
F22	22 Feb 2025	33	11.52	94.14	4.5	33.62	7.8	25.6	0.70
F22	22 Feb 2025	34	11.35	94.24	4.2	33.66	7.7	25.7	0.64
F22	22 Feb 2025	35	11.28	94.35	4.0	33.68	7.7	25.7	0.55
F22	22 Feb 2025	36	11.15	94.32	3.9	33.73	7.7	25.8	0.53
F22	22 Feb 2025	37	11.07	93.78	3.7	33.75	7.7	25.8	0.36
F22	22 Feb 2025	38	11.03	93.83	3.6	33.76	7.7	25.8	0.35
F22	22 Feb 2025	39	10.94	93.94	3.5	33.79	7.7	25.8	0.33
F22	22 Feb 2025	40	10.93	94.17	3.5	33.79	7.7	25.8	0.26
F22	22 Feb 2025	41	10.93	94.21	3.4	33.79	7.7	25.8	0.25
F22	22 Feb 2025	42	10.91	94.39	3.4	33.80	7.7	25.9	0.24
F22	22 Feb 2025	43	10.88	94.44	3.3	33.82	7.7	25.9	0.25
F22	22 Feb 2025	44	10.77	94.48	3.3	33.86	7.7	25.9	0.29
F22	22 Feb 2025	45	10.72	94.95	3.2	33.87	7.7	25.9	0.12
F22	22 Feb 2025	46	10.70	95.39	3.2	33.87	7.7	25.9	0.10
F22	22 Feb 2025	47	10.70	95.54	3.1	33.88	7.7	26.0	0.10
F22	22 Feb 2025	48	10.69	95.50	3.1	33.88	7.7	26.0	0.09
F22	22 Feb 2025	49	10.68	95.79	3.1	33.90	7.7	26.0	0.10
F22	22 Feb 2025	50	10.68	95.85	3.1	33.90	7.7	26.0	0.09
F22	22 Feb 2025	51	10.68	95.69	3.0	33.91	7.7	26.0	0.09
F22	22 Feb 2025	52	10.67	95.18	3.0	33.91	7.7	26.0	0.09
F22	22 Feb 2025	53	10.67	95.59	3.0	33.92	7.7	26.0	0.09
F22	22 Feb 2025	54	10.66	95.56	2.9	33.93	7.7	26.0	0.13
F22	22 Feb 2025	55	10.65	95.47	2.9	33.94	7.7	26.0	0.08
F22	22 Feb 2025	56	10.64	95.31	2.8	33.94	7.6	26.0	0.08
F22	22 Feb 2025	57	10.62	94.76	2.8	33.94	7.6	26.0	0.08
F22	22 Feb 2025	58	10.60	94.69	2.7	33.94	7.6	26.0	0.08
F22	22 Feb 2025	59	10.60	94.43	2.7	33.94	7.6	26.0	0.07
F22	22 Feb 2025	60	10.59	94.32	2.6	33.94	7.6	26.0	0.07
F22	22 Feb 2025	61	10.59	94.37	2.6	33.95	7.6	26.0	0.07
F22	22 Feb 2025	62	10.59	94.37	2.6	33.95	7.6	26.0	0.07
F22	22 Feb 2025	63	10.59	94.34	2.6	33.95	7.6	26.0	0.07
F22	22 Feb 2025	64	10.59	94.49	2.6	33.95	7.6	26.0	0.07
F22	22 Feb 2025	65	10.58	94.39	2.6	33.95	7.6	26.0	0.07
F22	22 Feb 2025	66	10.58	94.37	2.6	33.95	7.6	26.0	0.07
F22	22 Feb 2025	67	10.58	94.44	2.6	33.95	7.6	26.0	0.07
F22	22 Feb 2025	68	10.58	94.39	2.6	33.95	7.6	26.0	0.07
F22	22 Feb 2025	69	10.57	94.21	2.6	33.95	7.6	26.0	0.07
F22	22 Feb 2025	70	10.57	94.32	2.6	33.95	7.6	26.0	0.07
F22	22 Feb 2025	71	10.57	94.36	2.6	33.95	7.6	26.0	0.09
F22	22 Feb 2025	72	10.57	94.30	2.6	33.95	7.6	26.0	0.09
F22	22 Feb 2025	73	10.57	94.11	2.6	33.95	7.6	26.0	0.08
F22	22 Feb 2025	74	10.57	94.12	2.6	33.95	7.6	26.0	0.08
F22	22 Feb 2025	75	10.56	94.09	2.5	33.95	7.6	26.0	0.07
F22	22 Feb 2025	76	10.56	93.96	2.5	33.96	7.6	26.0	0.08
F22	22 Feb 2025	77	10.56	93.64	2.5	33.97	7.6	26.0	0.09
F22	22 Feb 2025	78	10.56	93.37	2.5	33.97	7.6	26.1	0.09
F22	22 Feb 2025	79	10.56	93.19	2.4	33.97	7.6	26.1	0.09
F22	22 Feb 2025	80	10.56	92.95	2.4	33.97	7.6	26.1	0.09
F22	22 Feb 2025	81	10.55	92.61	2.4	33.97	7.6	26.1	0.09
F22	22 Feb 2025	82	10.56	92.55	2.4	33.97	7.6	26.1	0.16
F11	21 Feb 2025	1	14.89	89.61	8.7	33.32	8.1	24.7	0.65
F11	21 Feb 2025	2	14.88	89.96	8.7	33.32	8.1	24.7	0.69
F11	21 Feb 2025	3	14.85	90.08	8.7	33.32	8.1	24.7	0.67
F11	21 Feb 2025	4	14.82	90.27	8.7	33.32	8.1	24.7	0.71
F11	21 Feb 2025	5	14.80	90.82	8.7	33.32	8.1	24.7	0.76
F11	21 Feb 2025	6	14.78	91.08	8.7	33.32	8.1	24.7	0.84

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F11	21 Feb 2025	7	14.77	91.32	8.7	33.32	8.1	24.7	0.91
F11	21 Feb 2025	8	14.75	91.53	8.7	33.32	8.1	24.7	1.06
F11	21 Feb 2025	9	14.72	91.50	8.7	33.32	8.1	24.7	1.35
F11	21 Feb 2025	10	14.71	91.53	8.7	33.32	8.1	24.7	1.25
F11	21 Feb 2025	11	14.68	91.44	8.7	33.32	8.1	24.7	1.29
F11	21 Feb 2025	12	14.62	91.52	8.7	33.32	8.1	24.8	1.54
F11	21 Feb 2025	13	14.52	91.12	8.5	33.33	8.1	24.8	1.96
F11	21 Feb 2025	14	14.22	90.52	8.3	33.36	8.0	24.9	2.37
F11	21 Feb 2025	15	13.88	89.27	8.1	33.39	8.0	25.0	3.44
F11	21 Feb 2025	16	13.82	88.26	7.8	33.38	8.0	25.0	3.00
F11	21 Feb 2025	17	13.74	88.86	7.6	33.39	8.0	25.0	2.26
F11	21 Feb 2025	18	13.51	89.11	7.3	33.42	8.0	25.1	2.03
F11	21 Feb 2025	19	13.27	89.83	7.1	33.44	7.9	25.1	1.83
F11	21 Feb 2025	20	13.16	90.49	6.9	33.45	7.9	25.2	1.71
F11	21 Feb 2025	21	13.15	91.07	6.7	33.44	7.9	25.2	1.77
F11	21 Feb 2025	22	13.12	91.04	6.7	33.45	7.9	25.2	1.70
F11	21 Feb 2025	23	13.09	90.94	6.6	33.45	7.9	25.2	1.57
F11	21 Feb 2025	24	13.04	91.05	6.5	33.45	7.9	25.2	1.48
F11	21 Feb 2025	25	12.91	91.33	6.3	33.44	7.9	25.2	1.46
F11	21 Feb 2025	26	12.60	91.47	6.2	33.45	7.9	25.3	1.38
F11	21 Feb 2025	27	12.39	91.98	5.9	33.48	7.8	25.3	1.25
F11	21 Feb 2025	28	12.26	92.74	5.6	33.51	7.8	25.4	1.12
F11	21 Feb 2025	29	12.04	92.91	5.4	33.53	7.8	25.4	1.06
F11	21 Feb 2025	30	11.95	92.21	5.2	33.54	7.8	25.5	0.96
F11	21 Feb 2025	31	11.94	91.21	5.0	33.53	7.8	25.5	0.95
F11	21 Feb 2025	32	11.83	91.59	4.9	33.55	7.8	25.5	0.98
F11	21 Feb 2025	33	11.65	92.15	4.8	33.57	7.8	25.5	0.84
F11	21 Feb 2025	34	11.55	93.12	4.7	33.59	7.7	25.6	0.71
F11	21 Feb 2025	35	11.54	93.89	4.6	33.59	7.7	25.6	0.74
F11	21 Feb 2025	36	11.51	94.12	4.5	33.60	7.7	25.6	0.78
F11	21 Feb 2025	37	11.36	94.48	4.4	33.63	7.7	25.6	0.75
F11	21 Feb 2025	38	11.28	94.70	4.2	33.65	7.7	25.7	0.60
F11	21 Feb 2025	39	11.15	94.98	4.1	33.68	7.7	25.7	0.47
F11	21 Feb 2025	40	11.04	95.54	3.9	33.73	7.7	25.8	0.39
F11	21 Feb 2025	41	11.00	95.49	3.8	33.74	7.7	25.8	0.33
F11	21 Feb 2025	42	10.99	95.25	3.8	33.73	7.7	25.8	0.27
F11	21 Feb 2025	43	10.98	95.41	3.7	33.74	7.7	25.8	0.27
F11	21 Feb 2025	44	10.97	95.47	3.7	33.74	7.7	25.8	0.32
F11	21 Feb 2025	45	10.97	95.43	3.7	33.75	7.7	25.8	0.38
F11	21 Feb 2025	46	10.97	95.40	3.7	33.75	7.7	25.8	0.43
F11	21 Feb 2025	47	10.94	95.33	3.6	33.76	7.7	25.8	0.26
F11	21 Feb 2025	48	10.89	95.31	3.6	33.77	7.7	25.8	0.21
F11	21 Feb 2025	49	10.88	95.44	3.5	33.78	7.7	25.8	0.19
F11	21 Feb 2025	50	10.87	95.58	3.5	33.78	7.7	25.9	0.19
F11	21 Feb 2025	51	10.87	95.66	3.5	33.79	7.7	25.9	0.20
F11	21 Feb 2025	52	10.87	95.33	3.4	33.80	7.6	25.9	0.21
F11	21 Feb 2025	53	10.84	94.82	3.3	33.83	7.6	25.9	0.19
F11	21 Feb 2025	54	10.85	94.04	3.1	33.86	7.6	25.9	0.14
F11	21 Feb 2025	55	10.86	92.77	3.0	33.87	7.6	25.9	0.15
F11	21 Feb 2025	56	10.86	92.33	2.9	33.87	7.6	25.9	0.16
F11	21 Feb 2025	57	10.86	92.21	2.9	33.87	7.6	25.9	0.15
F11	21 Feb 2025	58	10.86	92.15	2.9	33.87	7.6	25.9	0.15
F11	21 Feb 2025	59	10.86	92.18	2.9	33.87	7.6	25.9	0.15
F11	21 Feb 2025	60	10.85	92.04	2.9	33.88	7.6	25.9	0.14
F11	21 Feb 2025	61	10.79	92.11	2.8	33.89	7.6	26.0	0.18
F11	21 Feb 2025	62	10.77	91.23	2.8	33.89	7.6	26.0	0.19
F34	20 Feb 2025	1	14.78	90.67	8.8	33.30	8.1	24.7	0.51
F34	20 Feb 2025	2	14.74	90.39	8.7	33.31	8.1	24.7	0.49
F34	20 Feb 2025	3	14.67	90.38	8.6	33.33	8.1	24.8	0.42
F34	20 Feb 2025	4	14.64	90.89	8.6	33.33	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)
F34	20 Feb 2025	5	14.64	91.99	8.6	33.34	8.1	24.8	0.42
F34	20 Feb 2025	6	14.64	92.50	8.6	33.34	8.1	24.8	0.49
F34	20 Feb 2025	7	14.62	92.60	8.6	33.34	8.1	24.8	0.51
F34	20 Feb 2025	8	14.55	92.94	8.6	33.34	8.1	24.8	0.59
F34	20 Feb 2025	9	14.44	92.70	8.6	33.34	8.1	24.8	0.70
F34	20 Feb 2025	10	14.43	92.73	8.6	33.34	8.1	24.8	0.81
F34	20 Feb 2025	11	14.42	93.03	8.6	33.34	8.1	24.8	0.83
F34	20 Feb 2025	12	14.42	93.08	8.5	33.34	8.1	24.8	0.93
F34	20 Feb 2025	13	14.42	93.04	8.5	33.34	8.1	24.8	0.93
F34	20 Feb 2025	14	14.42	93.34	8.5	33.34	8.1	24.8	0.95
F34	20 Feb 2025	15	14.42	93.78	8.5	33.34	8.1	24.8	1.06
F34	20 Feb 2025	16	14.42	93.76	8.5	33.34	8.1	24.8	1.06
F34	20 Feb 2025	17	14.41	93.69	8.5	33.34	8.1	24.8	0.96
F34	20 Feb 2025	18	14.40	93.80	8.4	33.35	8.1	24.8	0.99
F34	20 Feb 2025	19	14.34	93.90	8.3	33.35	8.1	24.8	0.99
F34	20 Feb 2025	20	14.12	94.11	8.1	33.37	8.1	24.9	1.08
F34	20 Feb 2025	21	13.91	94.10	7.8	33.37	8.1	24.9	1.26
F34	20 Feb 2025	22	13.82	93.65	7.7	33.36	8.0	25.0	1.39
F34	20 Feb 2025	23	13.74	93.60	7.6	33.38	8.0	25.0	1.46
F34	20 Feb 2025	24	13.50	93.39	7.3	33.39	8.0	25.0	1.70
F34	20 Feb 2025	25	13.34	93.24	7.1	33.40	8.0	25.1	1.63
F34	20 Feb 2025	26	13.08	93.26	6.8	33.41	8.0	25.1	1.42
F34	20 Feb 2025	27	13.17	93.20	6.7	33.40	8.0	25.1	1.51
F34	20 Feb 2025	28	12.64	93.34	6.3	33.46	7.9	25.3	1.45
F34	20 Feb 2025	29	12.53	93.02	6.0	33.47	7.9	25.3	1.25
F34	20 Feb 2025	30	12.56	92.70	5.8	33.48	7.9	25.3	1.32
F34	20 Feb 2025	31	12.49	91.89	5.7	33.49	7.9	25.3	1.35
F34	20 Feb 2025	32	12.31	92.11	5.6	33.48	7.9	25.4	1.24
F34	20 Feb 2025	33	12.22	92.93	5.5	33.48	7.8	25.4	1.19
F34	20 Feb 2025	34	12.12	93.44	5.4	33.48	7.8	25.4	1.09
F34	20 Feb 2025	35	12.03	93.79	5.3	33.50	7.8	25.4	0.99
F34	20 Feb 2025	36	11.98	93.57	5.0	33.53	7.8	25.5	0.94
F34	20 Feb 2025	37	11.81	92.84	4.8	33.58	7.8	25.5	0.94
F34	20 Feb 2025	38	11.64	92.67	4.6	33.62	7.8	25.6	0.72
F34	20 Feb 2025	39	11.55	92.67	4.4	33.62	7.8	25.6	0.64
F34	20 Feb 2025	40	11.44	93.00	4.3	33.65	7.8	25.6	0.61
F34	20 Feb 2025	41	11.41	93.17	4.2	33.65	7.7	25.6	0.55
F34	20 Feb 2025	42	11.39	93.25	4.1	33.66	7.7	25.7	0.54
F34	20 Feb 2025	43	11.33	93.04	4.0	33.68	7.7	25.7	0.53
F34	20 Feb 2025	44	11.32	92.98	4.0	33.68	7.7	25.7	0.51
F34	20 Feb 2025	45	10.93	93.18	3.7	33.80	7.7	25.9	0.41
F34	20 Feb 2025	46	10.85	93.41	3.4	33.83	7.7	25.9	0.21
F34	20 Feb 2025	47	10.81	93.84	3.3	33.84	7.7	25.9	0.23
F34	20 Feb 2025	48	10.79	94.28	3.2	33.85	7.7	25.9	0.17
F34	20 Feb 2025	49	10.75	94.26	3.2	33.88	7.7	25.9	0.16
F34	20 Feb 2025	50	10.74	94.33	3.1	33.89	7.7	26.0	0.16
F34	20 Feb 2025	51	10.73	94.38	3.1	33.90	7.7	26.0	0.14
F34	20 Feb 2025	52	10.72	94.38	3.0	33.90	7.7	26.0	0.13
F34	20 Feb 2025	53	10.72	94.44	3.0	33.90	7.7	26.0	0.12
F34	20 Feb 2025	54	10.72	94.57	3.0	33.90	7.7	26.0	0.13
F34	20 Feb 2025	55	10.69	94.64	3.0	33.92	7.7	26.0	0.12
F34	20 Feb 2025	56	10.66	94.71	3.0	33.93	7.7	26.0	0.10
F34	20 Feb 2025	57	10.65	95.07	3.0	33.94	7.7	26.0	0.10
F34	20 Feb 2025	58	10.63	95.17	2.9	33.95	7.7	26.0	0.10
F34	20 Feb 2025	59	10.62	95.17	2.9	33.96	7.7	26.0	0.09
F34	20 Feb 2025	60	10.63	95.10	2.9	33.96	7.7	26.0	0.10
F34	20 Feb 2025	61	10.62	95.23	2.9	33.97	7.7	26.0	0.08
F34	20 Feb 2025	62	10.61	95.45	2.8	33.98	7.7	26.0	0.08
F34	20 Feb 2025	63	10.60	95.62	2.8	33.98	7.6	26.1	0.09
F34	20 Feb 2025	64	10.59	95.60	2.8	33.99	7.6	26.1	0.09
F34	20 Feb 2025	65	10.58	95.44	2.8	33.99	7.6	26.1	0.08



Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F34	20 Feb 2025	66	10.57	95.33	2.8	33.99	7.6	26.1	0.08
F34	20 Feb 2025	67	10.57	95.30	2.7	33.99	7.6	26.1	0.08
F34	20 Feb 2025	68	10.57	95.22	2.7	33.99	7.6	26.1	0.08
F34	20 Feb 2025	69	10.57	95.14	2.7	34.00	7.6	26.1	0.08
F34	20 Feb 2025	70	10.58	95.27	2.7	34.00	7.6	26.1	0.10
F34	20 Feb 2025	71	10.57	95.34	2.7	34.02	7.6	26.1	0.10
F34	20 Feb 2025	72	10.54	95.48	2.7	34.03	7.6	26.1	0.07
F34	20 Feb 2025	73	10.54	95.64	2.6	34.03	7.6	26.1	0.06
F34	20 Feb 2025	74	10.54	95.53	2.6	34.03	7.6	26.1	0.08
F34	20 Feb 2025	75	10.54	95.50	2.6	34.03	7.6	26.1	0.06
F34	20 Feb 2025	76	10.54	95.56	2.6	34.04	7.6	26.1	0.07
F34	20 Feb 2025	77	10.54	95.17	2.6	34.04	7.6	26.1	0.20
F34	20 Feb 2025	78	10.54	95.05	2.5	34.04	7.6	26.1	0.10
F34	20 Feb 2025	79	10.54	94.93	2.5	34.04	7.6	26.1	0.09
F34	20 Feb 2025	80	10.54	94.79	2.5	34.04	7.6	26.1	0.08
F34	20 Feb 2025	81	10.54	94.60	2.5	34.04	7.6	26.1	0.09
F34	20 Feb 2025	82	10.54	94.63	2.5	34.04	7.6	26.1	0.07
F34	20 Feb 2025	83	10.54	94.51	2.5	34.04	7.6	26.1	0.08
F34	20 Feb 2025	84	10.54	94.29	2.5	34.05	7.6	26.1	0.07
F34	20 Feb 2025	85	10.54	94.23	2.5	34.05	7.6	26.1	0.08
F34	20 Feb 2025	86	10.54	94.32	2.5	34.05	7.6	26.1	0.08
F34	20 Feb 2025	87	10.54	94.27	2.5	34.05	7.6	26.1	0.07
F34	20 Feb 2025	88	10.54	94.13	2.5	34.05	7.6	26.1	0.07
F34	20 Feb 2025	89	10.54	94.19	2.5	34.05	7.6	26.1	0.07
F34	20 Feb 2025	90	10.54	94.23	2.5	34.05	7.6	26.1	0.15
F34	20 Feb 2025	91	10.54	94.17	2.5	34.05	7.6	26.1	0.07
F34	20 Feb 2025	92	10.54	94.17	2.5	34.05	7.6	26.1	0.07
F34	20 Feb 2025	93	10.54	94.17	2.5	34.05	7.6	26.1	0.07
F34	20 Feb 2025	94	10.54	94.34	2.5	34.05	7.6	26.1	0.07
F34	20 Feb 2025	95	10.54	94.41	2.5	34.05	7.6	26.1	0.07
F34	20 Feb 2025	96	10.54	94.40	2.5	34.05	7.6	26.1	0.07
F34	20 Feb 2025	97	10.54	94.41	2.5	34.05	7.6	26.1	0.07
F34	20 Feb 2025	98	10.54	94.35	2.5	34.05	7.6	26.1	0.07
F34	20 Feb 2025	99	10.52	94.35	2.5	34.05	7.6	26.1	0.08
F34	20 Feb 2025	100	10.46	94.15	2.4	34.05	7.6	26.1	0.09
F34	20 Feb 2025	101	10.42	93.16	2.4	34.06	7.6	26.1	0.12
F34	20 Feb 2025	102	10.39	91.59	2.4	34.06	7.6	26.2	0.11
F23	22 Feb 2025	1	14.79	91.81	8.8	33.30	8.1	24.7	0.60
F23	22 Feb 2025	2	14.75	91.69	8.8	33.30	8.1	24.7	0.70
F23	22 Feb 2025	3	14.72	91.62	8.8	33.30	8.1	24.7	0.80
F23	22 Feb 2025	4	14.68	91.36	8.7	33.30	8.1	24.7	0.96
F23	22 Feb 2025	5	14.68	90.74	8.7	33.30	8.1	24.7	1.05
F23	22 Feb 2025	6	14.68	91.13	8.7	33.30	8.1	24.7	1.20
F23	22 Feb 2025	7	14.66	91.32	8.7	33.30	8.1	24.7	1.24
F23	22 Feb 2025	8	14.64	91.26	8.7	33.31	8.1	24.7	1.49
F23	22 Feb 2025	9	14.61	91.06	8.7	33.31	8.1	24.8	1.50
F23	22 Feb 2025	10	14.57	91.20	8.7	33.31	8.1	24.8	1.63
F23	22 Feb 2025	11	14.55	91.08	8.6	33.31	8.1	24.8	1.69
F23	22 Feb 2025	12	14.54	90.66	8.6	33.31	8.1	24.8	1.84
F23	22 Feb 2025	13	14.54	90.35	8.6	33.31	8.1	24.8	1.92
F23	22 Feb 2025	14	14.54	90.56	8.6	33.31	8.1	24.8	1.73
F23	22 Feb 2025	15	14.41	90.64	8.5	33.32	8.1	24.8	1.83
F23	22 Feb 2025	16	14.02	90.49	8.2	33.36	8.1	24.9	2.68
F23	22 Feb 2025	17	13.87	89.45	8.1	33.37	8.1	25.0	3.61
F23	22 Feb 2025	18	13.85	89.19	8.0	33.37	8.0	25.0	3.51
F23	22 Feb 2025	19	13.84	89.52	7.9	33.37	8.0	25.0	3.15
F23	22 Feb 2025	20	13.81	89.43	7.9	33.37	8.0	25.0	3.18
F23	22 Feb 2025	21	13.78	89.84	7.8	33.38	8.0	25.0	3.29
F23	22 Feb 2025	22	13.74	90.01	7.8	33.38	8.0	25.0	3.59
F23	22 Feb 2025	23	13.74	89.51	7.7	33.38	8.0	25.0	4.07

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F23	22 Feb 2025	24	13.69	89.45	7.6	33.39	8.0	25.0	3.84
F23	22 Feb 2025	25	13.25	89.13	7.2	33.44	8.0	25.1	3.56
F23	22 Feb 2025	26	12.78	88.27	6.5	33.48	7.9	25.3	3.06
F23	22 Feb 2025	27	12.63	90.35	6.1	33.48	7.9	25.3	2.05
F23	22 Feb 2025	28	12.54	92.15	5.9	33.49	7.9	25.3	1.46
F23	22 Feb 2025	29	12.33	92.49	5.6	33.52	7.9	25.4	1.29
F23	22 Feb 2025	30	12.20	93.38	5.4	33.53	7.8	25.4	1.11
F23	22 Feb 2025	31	12.15	93.51	5.3	33.53	7.8	25.4	1.09
F23	22 Feb 2025	32	12.13	93.85	5.2	33.53	7.8	25.4	1.00
F23	22 Feb 2025	33	11.85	93.93	5.0	33.58	7.8	25.5	1.02
F23	22 Feb 2025	34	11.67	93.86	4.7	33.61	7.8	25.6	0.82
F23	22 Feb 2025	35	11.47	94.03	4.4	33.65	7.8	25.6	0.65
F23	22 Feb 2025	36	11.33	94.10	4.1	33.68	7.7	25.7	0.59
F23	22 Feb 2025	37	11.24	93.97	3.9	33.71	7.7	25.7	0.48
F23	22 Feb 2025	38	11.13	93.96	3.8	33.73	7.7	25.8	0.41
F23	22 Feb 2025	39	11.11	93.94	3.7	33.74	7.7	25.8	0.40
F23	22 Feb 2025	40	11.03	93.91	3.6	33.76	7.7	25.8	0.37
F23	22 Feb 2025	41	10.95	93.92	3.5	33.79	7.7	25.8	0.33
F23	22 Feb 2025	42	10.90	94.32	3.4	33.81	7.7	25.9	0.26
F23	22 Feb 2025	43	10.87	94.34	3.3	33.82	7.7	25.9	0.24
F23	22 Feb 2025	44	10.83	94.39	3.3	33.84	7.7	25.9	0.21
F23	22 Feb 2025	45	10.81	94.40	3.2	33.84	7.7	25.9	0.19
F23	22 Feb 2025	46	10.79	94.38	3.2	33.85	7.7	25.9	0.19
F23	22 Feb 2025	47	10.77	94.43	3.2	33.86	7.7	25.9	0.18
F23	22 Feb 2025	48	10.75	94.36	3.1	33.87	7.7	25.9	0.16
F23	22 Feb 2025	49	10.74	94.77	3.1	33.88	7.7	26.0	0.15
F23	22 Feb 2025	50	10.72	94.83	3.1	33.89	7.7	26.0	0.14
F23	22 Feb 2025	51	10.69	94.73	3.0	33.91	7.7	26.0	0.13
F23	22 Feb 2025	52	10.67	94.85	2.9	33.93	7.7	26.0	0.12
F23	22 Feb 2025	53	10.65	95.00	2.9	33.95	7.6	26.0	0.11
F23	22 Feb 2025	54	10.64	94.97	2.8	33.95	7.6	26.0	0.10
F23	22 Feb 2025	55	10.63	94.95	2.8	33.96	7.6	26.0	0.14
F23	22 Feb 2025	56	10.63	94.88	2.8	33.96	7.6	26.0	0.10
F23	22 Feb 2025	57	10.63	94.84	2.8	33.96	7.6	26.0	0.09
F23	22 Feb 2025	58	10.62	94.84	2.8	33.96	7.6	26.0	0.09
F23	22 Feb 2025	59	10.62	94.94	2.8	33.96	7.6	26.0	0.12
F23	22 Feb 2025	60	10.62	94.93	2.7	33.97	7.6	26.0	0.09
F23	22 Feb 2025	61	10.62	94.84	2.7	33.97	7.6	26.0	0.09
F23	22 Feb 2025	62	10.62	94.71	2.7	33.97	7.6	26.0	0.08
F23	22 Feb 2025	63	10.61	94.75	2.7	33.97	7.6	26.0	0.09
F23	22 Feb 2025	64	10.61	94.84	2.7	33.97	7.6	26.0	0.09
F23	22 Feb 2025	65	10.61	94.77	2.7	33.97	7.6	26.0	0.09
F23	22 Feb 2025	66	10.60	94.86	2.7	33.98	7.6	26.0	0.09
F23	22 Feb 2025	67	10.60	94.84	2.7	33.98	7.6	26.0	0.09
F23	22 Feb 2025	68	10.59	94.86	2.7	33.98	7.6	26.1	0.09
F23	22 Feb 2025	69	10.59	94.67	2.7	33.98	7.6	26.1	0.09
F23	22 Feb 2025	70	10.58	94.73	2.6	33.98	7.6	26.1	0.08
F23	22 Feb 2025	71	10.57	94.78	2.6	33.98	7.6	26.1	0.08
F23	22 Feb 2025	72	10.57	94.62	2.6	33.98	7.6	26.1	0.08
F23	22 Feb 2025	73	10.57	94.67	2.6	33.98	7.6	26.1	0.08
F23	22 Feb 2025	74	10.55	94.56	2.6	33.99	7.6	26.1	0.08
F23	22 Feb 2025	75	10.54	94.23	2.5	33.99	7.6	26.1	0.08
F23	22 Feb 2025	76	10.54	93.62	2.5	33.99	7.6	26.1	0.08
F23	22 Feb 2025	77	10.53	93.30	2.4	34.00	7.6	26.1	0.09
F23	22 Feb 2025	78	10.53	92.89	2.4	34.00	7.6	26.1	0.10
F23	22 Feb 2025	79	10.53	92.67	2.4	34.00	7.6	26.1	0.10
F23	22 Feb 2025	80	10.53	92.28	2.4	34.00	7.6	26.1	0.12
F23	22 Feb 2025	81	10.53	92.38	2.4	34.00	7.6	26.1	0.12
F23	22 Feb 2025	82	10.53	92.37	2.4	34.00	7.6	26.1	0.09
F23	22 Feb 2025	83	10.53	91.91	2.4	34.00	7.6	26.1	0.13

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F12	21 Feb 2025	1	14.76	91.27	8.7	33.31	8.1	24.7	0.78
F12	21 Feb 2025	2	14.75	91.34	8.7	33.31	8.1	24.7	0.80
F12	21 Feb 2025	3	14.72	91.10	8.7	33.32	8.1	24.7	0.89
F12	21 Feb 2025	4	14.69	91.02	8.7	33.31	8.1	24.7	0.94
F12	21 Feb 2025	5	14.67	90.87	8.8	33.31	8.1	24.7	0.95
F12	21 Feb 2025	6	14.66	90.94	8.8	33.31	8.1	24.7	0.98
F12	21 Feb 2025	7	14.64	91.24	8.8	33.31	8.1	24.7	1.10
F12	21 Feb 2025	8	14.61	91.06	8.8	33.32	8.1	24.8	1.23
F12	21 Feb 2025	9	14.58	91.15	8.8	33.32	8.1	24.8	1.33
F12	21 Feb 2025	10	14.57	91.20	8.8	33.32	8.1	24.8	1.62
F12	21 Feb 2025	11	14.54	91.03	8.7	33.32	8.1	24.8	1.70
F12	21 Feb 2025	12	14.51	90.78	8.6	33.33	8.1	24.8	1.76
F12	21 Feb 2025	13	14.33	90.70	8.5	33.36	8.1	24.9	1.91
F12	21 Feb 2025	14	14.01	90.22	8.4	33.38	8.0	24.9	2.63
F12	21 Feb 2025	15	13.95	88.68	8.2	33.37	8.0	24.9	3.44
F12	21 Feb 2025	16	13.92	88.27	8.1	33.37	8.0	24.9	3.60
F12	21 Feb 2025	17	13.87	88.03	7.9	33.37	8.0	25.0	3.36
F12	21 Feb 2025	18	13.79	88.37	7.8	33.39	8.0	25.0	3.06
F12	21 Feb 2025	19	13.65	88.69	7.7	33.40	8.0	25.0	3.11
F12	21 Feb 2025	20	13.56	88.39	7.5	33.41	8.0	25.0	2.87
F12	21 Feb 2025	21	13.41	88.70	7.3	33.42	8.0	25.1	2.70
F12	21 Feb 2025	22	13.33	89.37	7.1	33.42	7.9	25.1	2.24
F12	21 Feb 2025	23	13.20	90.33	6.9	33.44	7.9	25.1	1.89
F12	21 Feb 2025	24	13.04	90.86	6.6	33.47	7.9	25.2	1.82
F12	21 Feb 2025	25	12.86	91.23	6.4	33.48	7.9	25.2	1.70
F12	21 Feb 2025	26	12.70	91.96	6.1	33.49	7.9	25.3	1.43
F12	21 Feb 2025	27	12.49	92.06	5.9	33.49	7.8	25.3	1.24
F12	21 Feb 2025	28	12.33	92.42	5.7	33.50	7.8	25.4	1.16
F12	21 Feb 2025	29	12.23	92.40	5.5	33.50	7.8	25.4	1.08
F12	21 Feb 2025	30	12.11	93.19	5.3	33.52	7.8	25.4	1.06
F12	21 Feb 2025	31	11.93	93.41	5.1	33.56	7.8	25.5	1.13
F12	21 Feb 2025	32	11.74	93.14	4.9	33.58	7.8	25.5	0.90
F12	21 Feb 2025	33	11.50	93.12	4.7	33.59	7.7	25.6	0.85
F12	21 Feb 2025	34	11.37	93.82	4.4	33.65	7.7	25.7	0.70
F12	21 Feb 2025	35	11.21	94.05	4.2	33.68	7.7	25.7	0.63
F12	21 Feb 2025	36	11.12	94.53	4.1	33.70	7.7	25.7	0.55
F12	21 Feb 2025	37	11.06	95.10	3.9	33.72	7.7	25.8	0.38
F12	21 Feb 2025	38	11.03	95.19	3.8	33.73	7.7	25.8	0.34
F12	21 Feb 2025	39	11.01	95.13	3.8	33.74	7.7	25.8	0.31
F12	21 Feb 2025	40	10.97	95.08	3.7	33.76	7.7	25.8	0.28
F12	21 Feb 2025	41	10.92	95.06	3.6	33.79	7.7	25.8	0.28
F12	21 Feb 2025	42	10.90	95.09	3.5	33.80	7.7	25.9	0.22
F12	21 Feb 2025	43	10.88	95.10	3.5	33.81	7.7	25.9	0.22
F12	21 Feb 2025	44	10.85	95.01	3.4	33.83	7.6	25.9	0.19
F12	21 Feb 2025	45	10.82	95.06	3.3	33.85	7.6	25.9	0.17
F12	21 Feb 2025	46	10.82	94.99	3.2	33.85	7.6	25.9	0.15
F12	21 Feb 2025	47	10.81	94.86	3.2	33.85	7.6	25.9	0.13
F12	21 Feb 2025	48	10.83	94.82	3.1	33.85	7.6	25.9	0.14
F12	21 Feb 2025	49	10.83	94.70	3.1	33.85	7.6	25.9	0.14
F12	21 Feb 2025	50	10.82	94.23	3.1	33.85	7.6	25.9	0.14
F12	21 Feb 2025	51	10.83	94.10	3.1	33.85	7.6	25.9	0.15
F12	21 Feb 2025	52	10.82	93.88	3.1	33.85	7.6	25.9	0.14
F12	21 Feb 2025	53	10.83	94.07	3.1	33.85	7.6	25.9	0.14
F12	21 Feb 2025	54	10.83	94.13	3.0	33.86	7.6	25.9	0.14
F12	21 Feb 2025	55	10.84	94.01	3.0	33.86	7.6	25.9	0.15
F12	21 Feb 2025	56	10.83	93.76	3.0	33.86	7.6	25.9	0.15
F12	21 Feb 2025	57	10.84	93.61	3.0	33.86	7.6	25.9	0.17
F12	21 Feb 2025	58	10.84	93.46	3.0	33.86	7.6	25.9	0.18
F12	21 Feb 2025	59	10.84	93.13	3.0	33.86	7.6	25.9	0.15
F12	21 Feb 2025	60	10.84	93.04	3.0	33.86	7.6	25.9	0.16
F12	21 Feb 2025	61	10.84	92.72	2.9	33.87	7.6	25.9	0.16

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F12	21 Feb 2025	62	10.82	87.56	2.8	33.89	7.6	25.9	0.20
F02	21 Feb 2025	1	14.90	77.08	8.1	33.21	8.0	24.6	1.99
F02	21 Feb 2025	2	14.86	76.93	8.4	33.24	8.0	24.6	2.10
F02	21 Feb 2025	3	14.82	77.84	8.7	33.27	8.1	24.7	2.31
F02	21 Feb 2025	4	14.70	81.34	8.8	33.30	8.1	24.7	2.33
F02	21 Feb 2025	5	14.47	84.15	8.8	33.33	8.1	24.8	2.26
F02	21 Feb 2025	6	14.32	85.74	8.7	33.33	8.1	24.8	2.60
F02	21 Feb 2025	7	14.25	86.71	8.5	33.33	8.0	24.8	3.03
F02	21 Feb 2025	8	14.18	87.10	8.4	33.34	8.0	24.9	3.12
F02	21 Feb 2025	9	14.14	86.46	8.3	33.34	8.0	24.9	3.45
F02	21 Feb 2025	10	14.03	85.85	8.2	33.36	8.0	24.9	3.68
F02	21 Feb 2025	11	13.93	85.81	8.0	33.37	8.0	24.9	3.13
F02	21 Feb 2025	12	13.85	86.39	7.8	33.38	8.0	25.0	2.94
F02	21 Feb 2025	13	13.64	86.40	7.4	33.41	8.0	25.0	2.76
F02	21 Feb 2025	14	13.42	85.64	7.1	33.44	7.9	25.1	2.14
F02	21 Feb 2025	15	13.29	84.84	6.8	33.45	7.9	25.1	2.10
F02	21 Feb 2025	16	13.03	84.64	6.4	33.49	7.9	25.2	1.98
F02	21 Feb 2025	17	12.77	83.48	6.0	33.52	7.9	25.3	1.87
F02	21 Feb 2025	18	12.29	85.44	5.6	33.59	7.8	25.4	1.52
F02	21 Feb 2025	19	11.93	86.48	5.0	33.63	7.8	25.5	1.12
F02	21 Feb 2025	20	11.72	85.56	4.1	33.64	7.7	25.6	1.16
F35	20 Feb 2025	1	14.66	94.78	8.4	33.35	8.1	24.8	0.16
F35	20 Feb 2025	2	14.64	94.54	8.3	33.35	8.1	24.8	0.16
F35	20 Feb 2025	3	14.64	94.74	8.4	33.35	8.1	24.8	0.18
F35	20 Feb 2025	4	14.63	94.60	8.3	33.35	8.1	24.8	0.19
F35	20 Feb 2025	5	14.63	94.61	8.4	33.35	8.1	24.8	0.20
F35	20 Feb 2025	6	14.63	94.65	8.4	33.35	8.1	24.8	0.21
F35	20 Feb 2025	7	14.62	94.70	8.4	33.35	8.1	24.8	0.23
F35	20 Feb 2025	8	14.62	94.66	8.4	33.35	8.1	24.8	0.25
F35	20 Feb 2025	9	14.61	94.69	8.4	33.35	8.1	24.8	0.24
F35	20 Feb 2025	10	14.61	94.68	8.4	33.35	8.1	24.8	0.25
F35	20 Feb 2025	11	14.60	94.72	8.4	33.35	8.1	24.8	0.26
F35	20 Feb 2025	12	14.59	94.71	8.4	33.35	8.1	24.8	0.26
F35	20 Feb 2025	13	14.58	94.79	8.4	33.35	8.1	24.8	0.29
F35	20 Feb 2025	14	14.56	94.82	8.4	33.35	8.1	24.8	0.29
F35	20 Feb 2025	15	14.56	94.85	8.4	33.35	8.1	24.8	0.28
F35	20 Feb 2025	16	14.56	94.88	8.4	33.35	8.1	24.8	0.30
F35	20 Feb 2025	17	14.53	94.85	8.4	33.35	8.1	24.8	0.29
F35	20 Feb 2025	18	14.52	94.99	8.4	33.35	8.1	24.8	0.28
F35	20 Feb 2025	19	14.51	95.00	8.4	33.35	8.1	24.8	0.30
F35	20 Feb 2025	20	14.50	95.16	8.4	33.35	8.1	24.8	0.47
F35	20 Feb 2025	21	14.50	95.15	8.4	33.35	8.1	24.8	0.34
F35	20 Feb 2025	22	14.49	95.16	8.4	33.35	8.1	24.8	0.36
F35	20 Feb 2025	23	14.47	95.05	8.4	33.34	8.1	24.8	0.42
F35	20 Feb 2025	24	14.44	94.94	8.3	33.35	8.1	24.8	0.51
F35	20 Feb 2025	25	14.38	94.94	8.3	33.35	8.1	24.8	0.65
F35	20 Feb 2025	26	14.31	94.83	8.2	33.35	8.1	24.8	0.78
F35	20 Feb 2025	27	14.07	94.54	8.0	33.36	8.1	24.9	0.96
F35	20 Feb 2025	28	14.08	94.45	7.9	33.35	8.1	24.9	0.96
F35	20 Feb 2025	29	13.17	94.59	7.2	33.40	8.0	25.1	0.90
F35	20 Feb 2025	30	12.67	94.75	6.6	33.40	7.9	25.2	0.88
F35	20 Feb 2025	31	12.46	94.61	6.2	33.41	7.9	25.3	0.97
F35	20 Feb 2025	32	12.33	95.00	6.0	33.41	7.9	25.3	0.99
F35	20 Feb 2025	33	12.00	95.05	5.6	33.44	7.9	25.4	0.94
F35	20 Feb 2025	34	11.84	95.01	5.3	33.47	7.8	25.4	0.89
F35	20 Feb 2025	35	11.68	95.22	5.1	33.49	7.8	25.5	0.79
F35	20 Feb 2025	36	11.47	95.49	4.9	33.53	7.8	25.5	0.65
F35	20 Feb 2025	37	11.41	95.72	4.8	33.53	7.8	25.6	0.65
F35	20 Feb 2025	38	11.35	95.95	4.7	33.55	7.8	25.6	0.62

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F35	20 Feb 2025	39	11.26	95.97	4.6	33.58	7.8	25.6	0.54
F35	20 Feb 2025	40	11.18	96.04	4.4	33.61	7.8	25.7	0.47
F35	20 Feb 2025	41	11.14	96.20	4.2	33.65	7.7	25.7	0.39
F35	20 Feb 2025	42	11.13	96.23	4.0	33.67	7.7	25.7	0.36
F35	20 Feb 2025	43	11.10	96.13	3.9	33.69	7.7	25.7	0.37
F35	20 Feb 2025	44	11.06	96.01	3.8	33.71	7.7	25.8	0.37
F35	20 Feb 2025	45	11.00	95.54	3.7	33.75	7.7	25.8	0.30
F35	20 Feb 2025	46	10.98	94.91	3.6	33.76	7.7	25.8	0.29
F35	20 Feb 2025	47	10.97	95.05	3.6	33.76	7.7	25.8	0.29
F35	20 Feb 2025	48	10.95	94.94	3.5	33.77	7.7	25.8	0.26
F35	20 Feb 2025	49	10.89	94.55	3.4	33.80	7.7	25.9	0.23
F35	20 Feb 2025	50	10.82	94.47	3.2	33.84	7.7	25.9	0.17
F35	20 Feb 2025	51	10.83	94.50	3.2	33.84	7.7	25.9	0.19
F35	20 Feb 2025	52	10.76	94.28	3.2	33.87	7.7	25.9	0.14
F35	20 Feb 2025	53	10.76	94.23	3.1	33.87	7.7	25.9	0.12
F35	20 Feb 2025	54	10.75	94.46	3.1	33.87	7.7	25.9	0.12
F35	20 Feb 2025	55	10.73	94.99	3.2	33.88	7.7	26.0	0.10
F35	20 Feb 2025	56	10.72	95.12	3.2	33.88	7.7	26.0	0.09
F35	20 Feb 2025	57	10.71	95.70	3.1	33.90	7.7	26.0	0.08
F35	20 Feb 2025	58	10.71	96.23	3.1	33.91	7.7	26.0	0.07
F35	20 Feb 2025	59	10.71	96.31	3.0	33.91	7.7	26.0	0.07
F35	20 Feb 2025	60	10.71	96.24	3.0	33.92	7.7	26.0	0.08
F35	20 Feb 2025	61	10.71	96.18	3.0	33.92	7.7	26.0	0.08
F35	20 Feb 2025	62	10.71	96.09	2.9	33.93	7.7	26.0	0.10
F35	20 Feb 2025	63	10.72	95.75	2.8	33.93	7.7	26.0	0.09
F35	20 Feb 2025	64	10.72	94.22	2.8	33.94	7.6	26.0	0.09
F35	20 Feb 2025	65	10.72	94.32	2.7	33.94	7.6	26.0	0.09
F35	20 Feb 2025	66	10.72	92.97	2.7	33.94	7.6	26.0	0.09
F35	20 Feb 2025	67	10.73	92.45	2.7	33.95	7.6	26.0	0.09
F35	20 Feb 2025	68	10.73	91.91	2.6	33.96	7.6	26.0	0.10
F35	20 Feb 2025	69	10.73	91.31	2.6	33.96	7.6	26.0	0.09
F35	20 Feb 2025	70	10.72	91.12	2.6	33.96	7.6	26.0	0.09
F35	20 Feb 2025	71	10.69	91.42	2.6	33.96	7.6	26.0	0.09
F35	20 Feb 2025	72	10.67	91.62	2.6	33.97	7.6	26.0	0.09
F35	20 Feb 2025	73	10.66	92.14	2.6	33.97	7.6	26.0	0.09
F35	20 Feb 2025	74	10.67	92.39	2.6	33.97	7.6	26.0	0.09
F35	20 Feb 2025	75	10.68	92.20	2.6	33.97	7.6	26.0	0.08
F35	20 Feb 2025	76	10.68	92.10	2.6	33.98	7.6	26.0	0.10
F35	20 Feb 2025	77	10.67	92.09	2.6	33.98	7.6	26.0	0.08
F35	20 Feb 2025	78	10.67	92.29	2.6	33.98	7.6	26.0	0.08
F35	20 Feb 2025	79	10.66	92.27	2.6	33.98	7.6	26.0	0.08
F35	20 Feb 2025	80	10.63	92.12	2.6	33.98	7.6	26.0	0.08
F35	20 Feb 2025	81	10.62	92.49	2.6	33.98	7.6	26.0	0.08
F35	20 Feb 2025	82	10.62	92.81	2.6	33.98	7.6	26.0	0.08
F35	20 Feb 2025	83	10.61	93.20	2.6	33.98	7.6	26.0	0.08
F35	20 Feb 2025	84	10.61	93.35	2.6	33.98	7.6	26.0	0.08
F35	20 Feb 2025	85	10.61	93.37	2.6	33.98	7.6	26.1	0.07
F35	20 Feb 2025	86	10.61	93.46	2.6	33.98	7.6	26.1	0.08
F35	20 Feb 2025	87	10.60	93.44	2.6	33.99	7.6	26.1	0.07
F35	20 Feb 2025	88	10.60	93.36	2.6	33.99	7.6	26.1	0.07
F35	20 Feb 2025	89	10.59	93.28	2.6	34.00	7.6	26.1	0.07
F35	20 Feb 2025	90	10.57	93.26	2.6	34.01	7.6	26.1	0.07
F35	20 Feb 2025	91	10.55	93.21	2.5	34.02	7.6	26.1	0.07
F35	20 Feb 2025	92	10.54	93.26	2.5	34.02	7.6	26.1	0.07
F35	20 Feb 2025	93	10.51	93.07	2.5	34.03	7.6	26.1	0.07
F35	20 Feb 2025	94	10.50	92.76	2.5	34.03	7.6	26.1	0.07
F35	20 Feb 2025	95	10.50	92.69	2.5	34.04	7.6	26.1	0.08
F35	20 Feb 2025	96	10.48	92.71	2.5	34.04	7.6	26.1	0.07
F35	20 Feb 2025	97	10.45	92.71	2.4	34.05	7.6	26.1	0.07
F35	20 Feb 2025	98	10.44	92.65	2.4	34.05	7.6	26.1	0.07
F35	20 Feb 2025	99	10.33	92.73	2.4	34.07	7.6	26.2	0.07

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F35	20 Feb 2025	100	10.28	92.39	2.4	34.08	7.6	26.2	0.08
F24	22 Feb 2025	1	14.98	90.95	8.7	33.27	8.1	24.6	0.68
F24	22 Feb 2025	2	14.97	91.28	8.7	33.27	8.1	24.6	0.73
F24	22 Feb 2025	3	14.95	90.86	8.7	33.27	8.1	24.6	0.85
F24	22 Feb 2025	4	14.94	90.86	8.7	33.27	8.1	24.7	0.95
F24	22 Feb 2025	5	14.93	90.74	8.7	33.28	8.1	24.7	1.03
F24	22 Feb 2025	6	14.91	90.70	8.7	33.28	8.1	24.7	1.05
F24	22 Feb 2025	7	14.85	90.77	8.7	33.28	8.1	24.7	1.10
F24	22 Feb 2025	8	14.81	90.71	8.7	33.27	8.1	24.7	1.05
F24	22 Feb 2025	9	14.69	90.58	8.7	33.27	8.1	24.7	0.97
F24	22 Feb 2025	10	14.63	91.08	8.7	33.27	8.1	24.7	0.88
F24	22 Feb 2025	11	14.60	91.60	8.7	33.27	8.1	24.7	0.99
F24	22 Feb 2025	12	14.54	91.58	8.6	33.27	8.1	24.7	1.05
F24	22 Feb 2025	13	14.50	91.42	8.6	33.28	8.1	24.8	1.08
F24	22 Feb 2025	14	14.47	91.24	8.6	33.29	8.1	24.8	1.31
F24	22 Feb 2025	15	14.44	91.11	8.5	33.30	8.1	24.8	1.45
F24	22 Feb 2025	16	14.42	90.83	8.5	33.30	8.1	24.8	1.83
F24	22 Feb 2025	17	14.35	90.40	8.4	33.32	8.1	24.8	2.07
F24	22 Feb 2025	18	14.25	90.02	8.3	33.33	8.1	24.8	2.24
F24	22 Feb 2025	19	13.97	89.56	8.1	33.37	8.1	24.9	2.66
F24	22 Feb 2025	20	13.64	89.00	7.7	33.40	8.0	25.0	2.81
F24	22 Feb 2025	21	13.59	89.57	7.5	33.39	8.0	25.0	2.63
F24	22 Feb 2025	22	13.57	90.37	7.4	33.39	8.0	25.0	2.71
F24	22 Feb 2025	23	13.31	91.19	7.2	33.42	8.0	25.1	2.30
F24	22 Feb 2025	24	13.14	91.69	6.9	33.44	8.0	25.2	1.76
F24	22 Feb 2025	25	12.91	92.43	6.6	33.47	7.9	25.2	1.72
F24	22 Feb 2025	26	12.75	92.90	6.3	33.47	7.9	25.3	1.46
F24	22 Feb 2025	27	12.58	93.34	6.0	33.50	7.9	25.3	1.28
F24	22 Feb 2025	28	12.21	93.52	5.5	33.55	7.8	25.4	1.37
F24	22 Feb 2025	29	11.99	93.89	5.2	33.57	7.8	25.5	1.48
F24	22 Feb 2025	30	11.92	94.00	5.0	33.57	7.8	25.5	0.93
F24	22 Feb 2025	31	11.86	93.88	4.9	33.58	7.8	25.5	0.86
F24	22 Feb 2025	32	11.70	94.01	4.7	33.61	7.8	25.6	0.77
F24	22 Feb 2025	33	11.56	93.94	4.5	33.63	7.8	25.6	0.68
F24	22 Feb 2025	34	11.42	93.87	4.3	33.65	7.8	25.7	0.88
F24	22 Feb 2025	35	11.21	93.85	4.1	33.69	7.7	25.7	0.54
F24	22 Feb 2025	36	11.12	94.23	3.9	33.70	7.7	25.7	0.48
F24	22 Feb 2025	37	11.02	94.82	3.8	33.73	7.7	25.8	0.39
F24	22 Feb 2025	38	10.98	95.23	3.8	33.74	7.7	25.8	0.34
F24	22 Feb 2025	39	10.92	95.46	3.7	33.77	7.7	25.8	0.35
F24	22 Feb 2025	40	10.86	95.42	3.6	33.79	7.7	25.9	0.28
F24	22 Feb 2025	41	10.83	95.27	3.5	33.80	7.7	25.9	0.22
F24	22 Feb 2025	42	10.82	95.38	3.4	33.81	7.7	25.9	0.20
F24	22 Feb 2025	43	10.79	95.36	3.4	33.83	7.7	25.9	0.18
F24	22 Feb 2025	44	10.78	95.62	3.3	33.84	7.7	25.9	0.15
F24	22 Feb 2025	45	10.77	95.51	3.2	33.85	7.7	25.9	0.15
F24	22 Feb 2025	46	10.73	95.58	3.1	33.88	7.7	26.0	0.14
F24	22 Feb 2025	47	10.70	95.53	3.0	33.89	7.7	26.0	0.12
F24	22 Feb 2025	48	10.70	95.65	3.0	33.90	7.7	26.0	0.10
F24	22 Feb 2025	49	10.69	95.54	2.9	33.90	7.7	26.0	0.10
F24	22 Feb 2025	50	10.68	95.05	2.9	33.91	7.6	26.0	0.12
F24	22 Feb 2025	51	10.68	94.20	2.8	33.91	7.6	26.0	0.11
F24	22 Feb 2025	52	10.67	94.36	2.8	33.92	7.6	26.0	0.10
F24	22 Feb 2025	53	10.66	94.91	2.8	33.92	7.6	26.0	0.10
F24	22 Feb 2025	54	10.66	94.79	2.8	33.92	7.6	26.0	0.11
F24	22 Feb 2025	55	10.66	94.42	2.8	33.92	7.6	26.0	0.11
F24	22 Feb 2025	56	10.66	94.21	2.8	33.92	7.6	26.0	0.10
F24	22 Feb 2025	57	10.66	94.30	2.8	33.92	7.6	26.0	0.12
F24	22 Feb 2025	58	10.66	94.21	2.8	33.92	7.6	26.0	0.14
F24	22 Feb 2025	59	10.66	94.11	2.7	33.92	7.6	26.0	0.12

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F24	22 Feb 2025	60	10.66	93.87	2.7	33.92	7.6	26.0	0.13
F24	22 Feb 2025	61	10.65	93.42	2.7	33.93	7.6	26.0	0.14
F24	22 Feb 2025	62	10.65	93.10	2.7	33.93	7.6	26.0	0.13
F24	22 Feb 2025	63	10.65	93.03	2.7	33.93	7.6	26.0	0.15
F24	22 Feb 2025	64	10.65	92.76	2.7	33.93	7.6	26.0	0.14
F24	22 Feb 2025	65	10.65	92.71	2.7	33.93	7.6	26.0	0.14
F24	22 Feb 2025	66	10.65	92.68	2.7	33.93	7.6	26.0	0.13
F24	22 Feb 2025	67	10.65	92.82	2.7	33.93	7.6	26.0	0.13
F24	22 Feb 2025	68	10.64	93.23	2.7	33.94	7.6	26.0	0.14
F24	22 Feb 2025	69	10.64	93.05	2.6	33.94	7.6	26.0	0.14
F24	22 Feb 2025	70	10.63	93.07	2.6	33.95	7.6	26.0	0.15
F24	22 Feb 2025	71	10.63	93.18	2.6	33.96	7.6	26.0	0.13
F24	22 Feb 2025	72	10.62	93.61	2.6	33.96	7.6	26.0	0.10
F24	22 Feb 2025	73	10.62	94.05	2.6	33.97	7.6	26.0	0.08
F24	22 Feb 2025	74	10.62	94.19	2.6	33.97	7.6	26.0	0.09
F24	22 Feb 2025	75	10.62	93.88	2.6	33.97	7.6	26.0	0.10
F24	22 Feb 2025	76	10.61	93.58	2.5	33.97	7.6	26.0	0.11
F24	22 Feb 2025	77	10.60	93.82	2.5	33.98	7.6	26.0	0.10
F24	22 Feb 2025	78	10.60	93.84	2.5	33.98	7.6	26.0	0.09
F24	22 Feb 2025	79	10.60	93.63	2.5	33.98	7.6	26.1	0.11
F24	22 Feb 2025	80	10.60	93.56	2.5	33.98	7.6	26.1	0.10
F24	22 Feb 2025	81	10.60	93.32	2.5	33.98	7.6	26.1	0.11
F24	22 Feb 2025	82	10.60	93.10	2.5	33.98	7.6	26.1	0.14
F24	22 Feb 2025	83	10.60	91.08	2.5	33.98	7.6	26.1	0.28
F13	21 Feb 2025	1	14.61	90.57	8.7	33.31	8.1	24.8	1.04
F13	21 Feb 2025	2	14.61	90.57	8.8	33.31	8.1	24.8	1.01
F13	21 Feb 2025	3	14.60	90.59	8.8	33.31	8.1	24.8	1.09
F13	21 Feb 2025	4	14.60	90.81	8.8	33.31	8.1	24.8	1.16
F13	21 Feb 2025	5	14.59	90.62	8.8	33.31	8.1	24.8	1.16
F13	21 Feb 2025	6	14.58	90.69	8.8	33.31	8.1	24.8	1.32
F13	21 Feb 2025	7	14.57	90.62	8.8	33.31	8.1	24.8	1.40
F13	21 Feb 2025	8	14.56	90.50	8.7	33.31	8.1	24.8	1.46
F13	21 Feb 2025	9	14.47	90.36	8.7	33.33	8.1	24.8	1.50
F13	21 Feb 2025	10	14.39	89.81	8.7	33.33	8.1	24.8	1.96
F13	21 Feb 2025	11	14.29	89.85	8.6	33.34	8.1	24.8	2.59
F13	21 Feb 2025	12	14.25	89.23	8.5	33.34	8.1	24.9	3.61
F13	21 Feb 2025	13	14.11	88.83	8.3	33.37	8.0	24.9	3.95
F13	21 Feb 2025	14	13.89	88.01	8.0	33.39	8.0	25.0	4.53
F13	21 Feb 2025	15	13.74	87.06	7.6	33.40	8.0	25.0	4.60
F13	21 Feb 2025	16	13.41	86.97	7.3	33.44	8.0	25.1	3.53
F13	21 Feb 2025	17	13.01	88.62	6.9	33.48	7.9	25.2	2.28
F13	21 Feb 2025	18	12.91	90.37	6.6	33.47	7.9	25.2	1.70
F13	21 Feb 2025	19	12.88	91.25	6.4	33.47	7.9	25.2	1.61
F13	21 Feb 2025	20	12.87	91.67	6.3	33.47	7.9	25.2	1.49
F13	21 Feb 2025	21	12.76	91.61	6.1	33.50	7.9	25.3	1.38
F13	21 Feb 2025	22	12.60	91.53	5.9	33.52	7.8	25.3	1.22
F13	21 Feb 2025	23	12.40	91.24	5.7	33.54	7.8	25.4	1.24
F13	21 Feb 2025	24	12.35	90.84	5.5	33.53	7.8	25.4	1.12
F13	21 Feb 2025	25	12.30	90.85	5.4	33.53	7.8	25.4	1.06
F13	21 Feb 2025	26	12.14	91.09	5.3	33.53	7.8	25.4	1.04
F13	21 Feb 2025	27	11.96	91.91	5.1	33.54	7.8	25.5	0.93
F13	21 Feb 2025	28	11.79	92.64	5.0	33.56	7.8	25.5	0.89
F13	21 Feb 2025	29	11.67	92.98	4.8	33.57	7.8	25.5	0.83
F13	21 Feb 2025	30	11.54	93.25	4.6	33.59	7.7	25.6	0.72
F13	21 Feb 2025	31	11.46	93.43	4.5	33.62	7.7	25.6	0.65
F13	21 Feb 2025	32	11.37	93.71	4.3	33.63	7.7	25.6	0.63
F13	21 Feb 2025	33	11.30	93.68	4.2	33.65	7.7	25.7	0.57
F13	21 Feb 2025	34	11.20	93.68	4.1	33.67	7.7	25.7	0.54
F13	21 Feb 2025	35	11.10	93.82	4.0	33.70	7.7	25.7	0.41
F13	21 Feb 2025	36	11.07	94.23	3.9	33.70	7.7	25.7	0.34

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F13	21 Feb 2025	37	11.06	94.72	3.9	33.70	7.7	25.8	0.33
F13	21 Feb 2025	38	11.04	94.77	3.8	33.71	7.7	25.8	0.31
F13	21 Feb 2025	39	11.03	94.84	3.8	33.72	7.7	25.8	0.29
F13	21 Feb 2025	40	11.02	94.88	3.7	33.73	7.7	25.8	0.28
F13	21 Feb 2025	41	11.04	94.78	3.7	33.74	7.7	25.8	0.27
F13	21 Feb 2025	42	11.06	94.41	3.6	33.74	7.7	25.8	0.28
F13	21 Feb 2025	43	11.07	93.78	3.5	33.75	7.7	25.8	0.29
F13	21 Feb 2025	44	11.06	92.85	3.5	33.76	7.7	25.8	0.30
F13	21 Feb 2025	45	11.02	92.73	3.4	33.77	7.6	25.8	0.33
F13	21 Feb 2025	46	10.97	93.21	3.4	33.78	7.6	25.8	0.26
F13	21 Feb 2025	47	10.95	93.71	3.4	33.79	7.6	25.8	0.23
F13	21 Feb 2025	48	10.95	93.56	3.4	33.79	7.6	25.8	0.26
F13	21 Feb 2025	49	10.95	93.24	3.3	33.79	7.6	25.8	0.26
F13	21 Feb 2025	50	10.95	93.18	3.3	33.79	7.6	25.8	0.25
F13	21 Feb 2025	51	10.97	92.52	3.3	33.80	7.6	25.8	0.24
F13	21 Feb 2025	52	10.97	92.35	3.2	33.80	7.6	25.8	0.26
F13	21 Feb 2025	53	10.98	92.06	3.2	33.80	7.6	25.8	0.25
F13	21 Feb 2025	54	10.98	91.73	3.2	33.80	7.6	25.8	0.24
F13	21 Feb 2025	55	10.98	91.57	3.1	33.80	7.6	25.8	0.24
F13	21 Feb 2025	56	10.98	91.42	3.1	33.82	7.6	25.9	0.24
F13	21 Feb 2025	57	10.93	90.96	3.0	33.84	7.6	25.9	0.21
F13	21 Feb 2025	58	10.92	91.47	3.0	33.84	7.6	25.9	0.20
F13	21 Feb 2025	59	10.92	91.66	2.9	33.84	7.6	25.9	0.20
F13	21 Feb 2025	60	10.88	90.84	2.9	33.87	7.6	25.9	0.21
F13	21 Feb 2025	61	10.83	88.22	2.8	33.90	7.6	25.9	0.21
F13	21 Feb 2025	62	10.88	83.81	2.7	33.87	7.6	25.9	0.22
F36	20 Feb 2025	1	14.82	94.74	8.3	33.34	8.1	24.7	0.15
F36	20 Feb 2025	2	14.81	94.71	8.3	33.34	8.1	24.7	0.17
F36	20 Feb 2025	3	14.79	94.95	8.3	33.34	8.1	24.7	0.18
F36	20 Feb 2025	4	14.78	94.92	8.3	33.34	8.1	24.7	0.19
F36	20 Feb 2025	5	14.72	94.89	8.3	33.35	8.1	24.8	0.18
F36	20 Feb 2025	6	14.61	94.84	8.3	33.35	8.1	24.8	0.18
F36	20 Feb 2025	7	14.59	95.05	8.3	33.34	8.1	24.8	0.17
F36	20 Feb 2025	8	14.59	95.21	8.3	33.34	8.1	24.8	0.19
F36	20 Feb 2025	9	14.58	95.28	8.4	33.34	8.1	24.8	0.21
F36	20 Feb 2025	10	14.56	95.32	8.4	33.34	8.1	24.8	0.20
F36	20 Feb 2025	11	14.55	95.21	8.4	33.34	8.1	24.8	0.21
F36	20 Feb 2025	12	14.55	95.16	8.4	33.34	8.1	24.8	0.24
F36	20 Feb 2025	13	14.54	95.32	8.4	33.34	8.1	24.8	0.27
F36	20 Feb 2025	14	14.54	95.27	8.4	33.34	8.1	24.8	0.25
F36	20 Feb 2025	15	14.53	95.16	8.4	33.34	8.1	24.8	0.28
F36	20 Feb 2025	16	14.53	95.21	8.3	33.34	8.1	24.8	0.32
F36	20 Feb 2025	17	14.53	95.18	8.4	33.34	8.1	24.8	0.34
F36	20 Feb 2025	18	14.53	95.22	8.4	33.34	8.1	24.8	0.36
F36	20 Feb 2025	19	14.52	95.02	8.4	33.34	8.1	24.8	0.36
F36	20 Feb 2025	20	14.52	95.16	8.4	33.34	8.1	24.8	0.41
F36	20 Feb 2025	21	14.50	95.17	8.3	33.34	8.1	24.8	0.43
F36	20 Feb 2025	22	14.38	95.14	8.3	33.35	8.1	24.8	0.57
F36	20 Feb 2025	23	14.23	94.52	8.2	33.35	8.1	24.9	1.00
F36	20 Feb 2025	24	14.17	94.47	8.1	33.35	8.1	24.9	1.14
F36	20 Feb 2025	25	13.92	93.97	7.9	33.37	8.1	24.9	1.08
F36	20 Feb 2025	26	13.66	93.75	7.6	33.37	8.0	25.0	1.22
F36	20 Feb 2025	27	13.47	93.94	7.4	33.38	8.0	25.0	1.15
F36	20 Feb 2025	28	13.31	93.66	7.1	33.38	8.0	25.1	1.22
F36	20 Feb 2025	29	12.94	94.21	6.8	33.40	8.0	25.2	1.21
F36	20 Feb 2025	30	12.64	94.25	6.4	33.41	7.9	25.2	1.10
F36	20 Feb 2025	31	12.47	94.38	6.1	33.41	7.9	25.3	0.99
F36	20 Feb 2025	32	12.14	94.60	5.8	33.44	7.9	25.4	0.99
F36	20 Feb 2025	33	11.96	94.93	5.5	33.46	7.8	25.4	0.98
F36	20 Feb 2025	34	11.82	94.97	5.2	33.48	7.8	25.4	0.90



Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F36	20 Feb 2025	35	11.73	95.08	5.0	33.50	7.8	25.5	0.89
F36	20 Feb 2025	36	11.61	95.17	4.8	33.52	7.8	25.5	0.82
F36	20 Feb 2025	37	11.54	95.42	4.7	33.53	7.8	25.5	0.73
F36	20 Feb 2025	38	11.49	95.52	4.7	33.54	7.8	25.6	0.71
F36	20 Feb 2025	39	11.42	95.69	4.6	33.56	7.8	25.6	0.62
F36	20 Feb 2025	40	11.35	95.80	4.5	33.58	7.8	25.6	0.56
F36	20 Feb 2025	41	11.28	95.97	4.3	33.61	7.7	25.6	0.49
F36	20 Feb 2025	42	11.27	96.10	4.3	33.61	7.7	25.6	0.48
F36	20 Feb 2025	43	11.24	96.26	4.2	33.62	7.7	25.7	0.45
F36	20 Feb 2025	44	11.20	96.15	4.2	33.64	7.7	25.7	0.42
F36	20 Feb 2025	45	11.17	96.32	4.1	33.65	7.7	25.7	0.37
F36	20 Feb 2025	46	11.12	96.42	4.0	33.67	7.7	25.7	0.36
F36	20 Feb 2025	47	11.08	96.48	3.9	33.69	7.7	25.7	0.31
F36	20 Feb 2025	48	11.06	96.47	3.9	33.70	7.7	25.8	0.29
F36	20 Feb 2025	49	11.01	96.54	3.8	33.72	7.7	25.8	0.27
F36	20 Feb 2025	50	11.01	96.49	3.8	33.72	7.7	25.8	0.25
F36	20 Feb 2025	51	10.99	96.20	3.7	33.73	7.7	25.8	0.24
F36	20 Feb 2025	52	10.92	96.53	3.7	33.76	7.7	25.8	0.22
F36	20 Feb 2025	53	10.89	96.65	3.6	33.77	7.7	25.8	0.16
F36	20 Feb 2025	54	10.88	96.70	3.6	33.77	7.7	25.8	0.15
F36	20 Feb 2025	55	10.87	96.80	3.6	33.77	7.7	25.8	0.16
F36	20 Feb 2025	56	10.85	96.84	3.6	33.77	7.7	25.8	0.16
F36	20 Feb 2025	57	10.84	96.85	3.6	33.77	7.7	25.8	0.13
F36	20 Feb 2025	58	10.82	96.87	3.6	33.78	7.7	25.9	0.13
F36	20 Feb 2025	59	10.83	96.84	3.6	33.78	7.7	25.9	0.13
F36	20 Feb 2025	60	10.82	96.80	3.5	33.80	7.7	25.9	0.14
F36	20 Feb 2025	61	10.80	96.72	3.4	33.83	7.7	25.9	0.12
F36	20 Feb 2025	62	10.79	96.40	3.3	33.84	7.7	25.9	0.11
F36	20 Feb 2025	63	10.79	96.49	3.3	33.84	7.7	25.9	0.14
F36	20 Feb 2025	64	10.73	96.39	3.3	33.87	7.7	25.9	0.10
F36	20 Feb 2025	65	10.72	96.32	3.2	33.87	7.7	25.9	0.08
F36	20 Feb 2025	66	10.71	96.38	3.2	33.88	7.7	26.0	0.08
F36	20 Feb 2025	67	10.68	96.58	3.2	33.89	7.7	26.0	0.07
F36	20 Feb 2025	68	10.68	96.56	3.1	33.89	7.7	26.0	0.08
F36	20 Feb 2025	69	10.67	96.69	3.1	33.90	7.7	26.0	0.07
F36	20 Feb 2025	70	10.67	96.73	3.1	33.90	7.7	26.0	0.07
F36	20 Feb 2025	71	10.67	96.84	3.1	33.90	7.7	26.0	0.06
F36	20 Feb 2025	72	10.66	96.88	3.1	33.92	7.7	26.0	0.07
F36	20 Feb 2025	73	10.61	96.91	2.9	33.99	7.7	26.1	0.07
F36	20 Feb 2025	74	10.60	96.84	2.8	34.00	7.6	26.1	0.06
F36	20 Feb 2025	75	10.60	96.78	2.8	33.99	7.6	26.1	0.06
F36	20 Feb 2025	76	10.60	96.80	2.8	33.99	7.6	26.1	0.07
F36	20 Feb 2025	77	10.60	96.65	2.8	34.00	7.6	26.1	0.07
F36	20 Feb 2025	78	10.60	96.57	2.8	34.00	7.6	26.1	0.07
F36	20 Feb 2025	79	10.60	96.57	2.8	34.00	7.6	26.1	0.06
F36	20 Feb 2025	80	10.60	96.53	2.8	34.00	7.6	26.1	0.07
F36	20 Feb 2025	81	10.59	96.46	2.8	34.00	7.6	26.1	0.08
F36	20 Feb 2025	82	10.59	96.30	2.8	34.00	7.6	26.1	0.10
F36	20 Feb 2025	83	10.58	96.26	2.7	34.00	7.6	26.1	0.06
F36	20 Feb 2025	84	10.58	96.07	2.7	34.00	7.6	26.1	0.07
F36	20 Feb 2025	85	10.58	95.94	2.7	34.00	7.6	26.1	0.07
F36	20 Feb 2025	86	10.58	95.84	2.7	34.00	7.6	26.1	0.06
F36	20 Feb 2025	87	10.58	95.83	2.7	34.00	7.6	26.1	0.07
F36	20 Feb 2025	88	10.57	95.81	2.7	34.00	7.6	26.1	0.06
F36	20 Feb 2025	89	10.57	95.73	2.7	34.00	7.6	26.1	0.07
F36	20 Feb 2025	90	10.57	95.69	2.7	34.00	7.6	26.1	0.07
F36	20 Feb 2025	91	10.57	95.62	2.7	34.00	7.6	26.1	0.06
F36	20 Feb 2025	92	10.56	95.60	2.7	34.00	7.6	26.1	0.07
F36	20 Feb 2025	93	10.52	95.44	2.6	34.02	7.6	26.1	0.07
F36	20 Feb 2025	94	10.52	94.77	2.6	34.02	7.6	26.1	0.07
F36	20 Feb 2025	95	10.45	94.17	2.5	34.05	7.6	26.1	0.06

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F36	20 Feb 2025	96	10.44	93.94	2.5	34.05	7.6	26.1	0.07
F36	20 Feb 2025	97	10.41	93.84	2.5	34.06	7.6	26.1	0.07
F36	20 Feb 2025	98	10.41	93.67	2.5	34.06	7.6	26.1	0.06
F36	20 Feb 2025	99	10.38	93.68	2.5	34.07	7.6	26.2	0.06
F36	20 Feb 2025	100	10.36	93.73	2.5	34.07	7.6	26.2	0.07
F36	20 Feb 2025	101	10.28	94.01	2.4	34.08	7.6	26.2	0.07
F25	22 Feb 2025	1	15.06	92.02	8.6	33.27	8.1	24.6	0.38
F25	22 Feb 2025	2	15.05	92.82	8.6	33.27	8.1	24.6	0.39
F25	22 Feb 2025	3	15.03	92.66	8.6	33.27	8.1	24.6	0.42
F25	22 Feb 2025	4	14.98	92.80	8.6	33.27	8.1	24.6	0.48
F25	22 Feb 2025	5	14.77	92.77	8.6	33.29	8.1	24.7	0.47
F25	22 Feb 2025	6	14.71	92.99	8.6	33.29	8.1	24.7	0.44
F25	22 Feb 2025	7	14.71	93.32	8.6	33.29	8.1	24.7	0.47
F25	22 Feb 2025	8	14.71	93.35	8.6	33.29	8.1	24.7	0.50
F25	22 Feb 2025	9	14.65	93.11	8.6	33.28	8.1	24.7	0.50
F25	22 Feb 2025	10	14.55	93.04	8.6	33.28	8.1	24.7	0.57
F25	22 Feb 2025	11	14.50	93.20	8.5	33.28	8.1	24.8	0.66
F25	22 Feb 2025	12	14.40	93.11	8.4	33.27	8.1	24.8	0.78
F25	22 Feb 2025	13	14.35	92.57	8.3	33.27	8.1	24.8	1.05
F25	22 Feb 2025	14	14.31	91.80	8.3	33.27	8.1	24.8	1.38
F25	22 Feb 2025	15	14.28	91.11	8.3	33.29	8.1	24.8	1.75
F25	22 Feb 2025	16	14.27	90.65	8.2	33.30	8.1	24.8	1.96
F25	22 Feb 2025	17	14.23	90.29	8.1	33.32	8.1	24.8	2.17
F25	22 Feb 2025	18	14.12	90.03	8.0	33.34	8.1	24.9	1.99
F25	22 Feb 2025	19	13.91	90.21	7.7	33.36	8.0	24.9	1.96
F25	22 Feb 2025	20	13.83	90.85	7.5	33.37	8.0	25.0	1.99
F25	22 Feb 2025	21	13.63	90.80	7.3	33.38	8.0	25.0	2.11
F25	22 Feb 2025	22	13.38	90.18	7.1	33.41	8.0	25.1	2.09
F25	22 Feb 2025	23	13.18	89.77	6.8	33.43	8.0	25.1	2.01
F25	22 Feb 2025	24	13.02	90.03	6.6	33.45	7.9	25.2	1.85
F25	22 Feb 2025	25	12.86	90.76	6.3	33.46	7.9	25.2	1.67
F25	22 Feb 2025	26	12.47	91.41	5.9	33.50	7.9	25.3	1.49
F25	22 Feb 2025	27	12.25	92.15	5.7	33.49	7.8	25.4	1.11
F25	22 Feb 2025	28	12.20	90.97	5.5	33.48	7.8	25.4	0.93
F25	22 Feb 2025	29	12.15	93.58	5.4	33.49	7.8	25.4	0.92
F25	22 Feb 2025	30	11.98	93.98	5.3	33.50	7.8	25.4	0.85
F25	22 Feb 2025	31	11.88	94.13	5.2	33.50	7.8	25.4	0.84
F25	22 Feb 2025	32	11.74	94.73	5.0	33.51	7.8	25.5	0.74
F25	22 Feb 2025	33	11.63	95.23	4.9	33.53	7.8	25.5	0.76
F25	22 Feb 2025	34	11.39	95.25	4.7	33.58	7.8	25.6	0.65
F25	22 Feb 2025	35	11.34	95.65	4.5	33.60	7.7	25.6	0.56
F25	22 Feb 2025	36	11.30	95.84	4.3	33.62	7.7	25.6	0.57
F25	22 Feb 2025	37	11.25	95.82	4.2	33.64	7.7	25.7	0.54
F25	22 Feb 2025	38	11.19	95.82	4.1	33.66	7.7	25.7	0.50
F25	22 Feb 2025	39	11.10	95.75	4.0	33.70	7.7	25.7	0.52
F25	22 Feb 2025	40	11.07	95.79	3.9	33.71	7.7	25.8	0.42
F25	22 Feb 2025	41	11.01	95.63	3.8	33.74	7.7	25.8	0.38
F25	22 Feb 2025	42	10.99	95.59	3.7	33.74	7.7	25.8	0.35
F25	22 Feb 2025	43	10.92	95.47	3.6	33.77	7.7	25.8	0.35
F25	22 Feb 2025	44	10.88	95.35	3.6	33.78	7.7	25.8	0.30
F25	22 Feb 2025	45	10.86	95.62	3.5	33.79	7.7	25.9	0.30
F25	22 Feb 2025	46	10.84	95.59	3.5	33.80	7.7	25.9	0.32
F25	22 Feb 2025	47	10.84	95.36	3.5	33.80	7.7	25.9	0.31
F25	22 Feb 2025	48	10.84	95.35	3.4	33.81	7.7	25.9	0.23
F25	22 Feb 2025	49	10.83	95.43	3.4	33.82	7.7	25.9	0.20
F25	22 Feb 2025	50	10.81	95.27	3.3	33.83	7.7	25.9	0.18
F25	22 Feb 2025	51	10.80	95.33	3.3	33.84	7.7	25.9	0.18
F25	22 Feb 2025	52	10.78	95.31	3.2	33.84	7.7	25.9	0.18
F25	22 Feb 2025	53	10.77	95.13	3.2	33.85	7.7	25.9	0.16
F25	22 Feb 2025	54	10.74	95.18	3.1	33.86	7.7	25.9	0.36

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F25	22 Feb 2025	55	10.73	95.20	3.1	33.87	7.7	25.9	0.14
F25	22 Feb 2025	56	10.72	95.30	3.0	33.87	7.6	25.9	0.14
F25	22 Feb 2025	57	10.71	95.26	3.0	33.88	7.6	26.0	0.16
F25	22 Feb 2025	58	10.70	95.37	2.9	33.88	7.6	26.0	0.20
F25	22 Feb 2025	59	10.70	95.41	2.9	33.89	7.6	26.0	0.10
F25	22 Feb 2025	60	10.70	95.36	2.9	33.89	7.6	26.0	0.10
F25	22 Feb 2025	61	10.70	95.29	2.9	33.89	7.6	26.0	0.11
F25	22 Feb 2025	62	10.70	95.18	2.9	33.90	7.6	26.0	0.10
F25	22 Feb 2025	63	10.70	95.43	2.9	33.90	7.6	26.0	0.12
F25	22 Feb 2025	64	10.68	95.49	2.8	33.91	7.6	26.0	0.11
F25	22 Feb 2025	65	10.67	95.39	2.8	33.92	7.6	26.0	0.10
F25	22 Feb 2025	66	10.66	95.19	2.8	33.93	7.6	26.0	0.09
F25	22 Feb 2025	67	10.65	95.26	2.8	33.94	7.6	26.0	0.09
F25	22 Feb 2025	68	10.65	94.88	2.7	33.94	7.6	26.0	0.09
F25	22 Feb 2025	69	10.65	94.46	2.7	33.94	7.6	26.0	0.09
F25	22 Feb 2025	70	10.65	94.26	2.7	33.94	7.6	26.0	0.10
F25	22 Feb 2025	71	10.65	94.31	2.7	33.94	7.6	26.0	0.09
F25	22 Feb 2025	72	10.65	94.14	2.7	33.94	7.6	26.0	0.11
F25	22 Feb 2025	73	10.65	93.88	2.7	33.94	7.6	26.0	0.10
F25	22 Feb 2025	74	10.65	93.72	2.7	33.94	7.6	26.0	0.10
F25	22 Feb 2025	75	10.65	93.64	2.7	33.94	7.6	26.0	0.10
F25	22 Feb 2025	76	10.66	93.63	2.7	33.94	7.6	26.0	0.11
F25	22 Feb 2025	77	10.66	93.35	2.7	33.94	7.6	26.0	0.11
F25	22 Feb 2025	78	10.66	92.80	2.7	33.94	7.6	26.0	0.12
F25	22 Feb 2025	79	10.66	92.85	2.7	33.94	7.6	26.0	0.11
F25	22 Feb 2025	80	10.66	92.84	2.7	33.94	7.6	26.0	0.11
F25	22 Feb 2025	81	10.66	91.12	2.6	33.95	7.6	26.0	0.13
F14	21 Feb 2025	1	14.65	90.35	8.7	33.30	8.1	24.7	0.85
F14	21 Feb 2025	2	14.64	89.96	8.7	33.31	8.1	24.7	0.84
F14	21 Feb 2025	3	14.66	89.86	8.7	33.30	8.1	24.7	0.84
F14	21 Feb 2025	4	14.66	89.98	8.7	33.30	8.1	24.7	0.88
F14	21 Feb 2025	5	14.66	90.00	8.7	33.30	8.1	24.7	0.96
F14	21 Feb 2025	6	14.63	90.51	8.7	33.31	8.1	24.7	0.94
F14	21 Feb 2025	7	14.56	90.66	8.7	33.31	8.1	24.8	0.87
F14	21 Feb 2025	8	14.53	91.26	8.7	33.31	8.1	24.8	0.80
F14	21 Feb 2025	9	14.51	91.68	8.7	33.31	8.1	24.8	0.99
F14	21 Feb 2025	10	14.43	91.90	8.6	33.32	8.1	24.8	1.37
F14	21 Feb 2025	11	14.14	90.86	8.4	33.36	8.1	24.9	2.17
F14	21 Feb 2025	12	13.89	89.03	8.1	33.38	8.0	25.0	2.79
F14	21 Feb 2025	13	13.82	88.89	7.9	33.38	8.0	25.0	3.37
F14	21 Feb 2025	14	13.74	88.74	7.8	33.39	8.0	25.0	3.78
F14	21 Feb 2025	15	13.65	88.36	7.6	33.40	8.0	25.0	3.47
F14	21 Feb 2025	16	13.47	87.86	7.3	33.42	8.0	25.1	3.54
F14	21 Feb 2025	17	13.17	87.88	7.0	33.47	7.9	25.2	3.26
F14	21 Feb 2025	18	12.96	88.65	6.5	33.48	7.9	25.2	2.30
F14	21 Feb 2025	19	12.74	89.27	6.1	33.51	7.9	25.3	2.16
F14	21 Feb 2025	20	12.42	89.82	5.8	33.54	7.8	25.4	1.78
F14	21 Feb 2025	21	12.33	90.82	5.5	33.54	7.8	25.4	1.59
F14	21 Feb 2025	22	12.30	91.39	5.4	33.54	7.8	25.4	1.25
F14	21 Feb 2025	23	12.22	91.71	5.3	33.55	7.8	25.4	1.19
F14	21 Feb 2025	24	12.13	91.94	5.2	33.55	7.8	25.4	1.12
F14	21 Feb 2025	25	12.11	92.14	5.2	33.54	7.8	25.4	0.98
F14	21 Feb 2025	26	12.11	92.39	5.2	33.54	7.8	25.4	0.95
F14	21 Feb 2025	27	12.10	92.62	5.1	33.55	7.8	25.4	0.95
F14	21 Feb 2025	28	12.06	92.62	5.0	33.56	7.8	25.5	1.00
F14	21 Feb 2025	29	12.02	92.38	5.0	33.57	7.8	25.5	0.92
F14	21 Feb 2025	30	11.99	92.16	4.9	33.58	7.8	25.5	0.88
F14	21 Feb 2025	31	11.95	92.00	4.8	33.58	7.8	25.5	0.89
F14	21 Feb 2025	32	11.94	91.92	4.8	33.58	7.8	25.5	0.85
F14	21 Feb 2025	33	11.87	91.84	4.7	33.59	7.8	25.5	0.93

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F14	21 Feb 2025	34	11.63	92.19	4.5	33.62	7.7	25.6	0.80
F14	21 Feb 2025	35	11.39	92.57	4.3	33.65	7.7	25.6	0.72
F14	21 Feb 2025	36	11.34	93.13	4.2	33.66	7.7	25.7	0.57
F14	21 Feb 2025	37	11.34	93.17	4.0	33.67	7.7	25.7	0.54
F14	21 Feb 2025	38	11.28	93.06	3.9	33.70	7.7	25.7	0.52
F14	21 Feb 2025	39	11.23	92.74	3.8	33.71	7.7	25.7	0.44
F14	21 Feb 2025	40	11.22	92.71	3.7	33.71	7.7	25.7	0.42
F14	21 Feb 2025	41	11.22	92.84	3.7	33.71	7.7	25.7	0.44
F14	21 Feb 2025	42	11.19	92.85	3.6	33.72	7.7	25.7	0.40
F14	21 Feb 2025	43	11.19	92.45	3.6	33.73	7.7	25.8	0.40
F14	21 Feb 2025	44	11.19	92.18	3.6	33.73	7.7	25.8	0.41
F14	21 Feb 2025	45	11.19	91.89	3.5	33.73	7.7	25.8	0.43
F14	21 Feb 2025	46	11.17	91.59	3.5	33.74	7.7	25.8	0.42
F14	21 Feb 2025	47	11.14	91.67	3.4	33.75	7.6	25.8	0.34
F14	21 Feb 2025	48	11.11	92.00	3.4	33.76	7.6	25.8	0.30
F14	21 Feb 2025	49	11.04	92.01	3.3	33.78	7.6	25.8	0.30
F14	21 Feb 2025	50	11.01	92.31	3.3	33.79	7.6	25.8	0.32
F14	21 Feb 2025	51	11.00	92.24	3.3	33.79	7.6	25.8	0.26
F14	21 Feb 2025	52	10.94	92.42	3.3	33.80	7.6	25.9	0.24
F14	21 Feb 2025	53	10.91	93.24	3.2	33.81	7.6	25.9	0.21
F14	21 Feb 2025	54	10.90	93.58	3.2	33.82	7.6	25.9	0.20
F14	21 Feb 2025	55	10.91	93.00	3.2	33.82	7.6	25.9	0.21
F14	21 Feb 2025	56	10.91	92.82	3.1	33.82	7.6	25.9	0.19
F14	21 Feb 2025	57	10.93	92.57	3.0	33.83	7.6	25.9	0.20
F14	21 Feb 2025	58	10.93	91.30	3.0	33.83	7.6	25.9	0.22
F14	21 Feb 2025	59	10.91	90.76	2.9	33.85	7.6	25.9	0.23
F14	21 Feb 2025	60	10.83	89.93	2.8	33.89	7.6	25.9	0.20
F14	21 Feb 2025	61	10.85	87.09	2.8	33.88	7.6	25.9	0.20
F03	21 Feb 2025	1	14.89	86.06	9.0	33.27	8.1	24.7	1.55
F03	21 Feb 2025	2	14.94	85.69	8.9	33.26	8.1	24.6	1.56
F03	21 Feb 2025	3	14.89	85.35	9.0	33.28	8.1	24.7	1.51
F03	21 Feb 2025	4	14.79	85.29	9.0	33.30	8.1	24.7	1.44
F03	21 Feb 2025	5	14.62	87.04	9.0	33.31	8.1	24.8	1.63
F03	21 Feb 2025	6	14.57	87.87	8.9	33.30	8.1	24.8	2.03
F03	21 Feb 2025	7	14.54	87.59	8.9	33.31	8.1	24.8	2.38
F03	21 Feb 2025	8	14.53	87.51	8.9	33.30	8.1	24.8	2.64
F03	21 Feb 2025	9	14.49	87.28	8.8	33.31	8.1	24.8	2.66
F03	21 Feb 2025	10	14.37	86.12	8.7	33.33	8.1	24.8	2.75
F03	21 Feb 2025	11	14.24	85.18	8.5	33.34	8.0	24.9	2.87
F03	21 Feb 2025	12	14.16	85.84	8.4	33.34	8.0	24.9	3.39
F03	21 Feb 2025	13	14.08	86.68	8.3	33.35	8.0	24.9	3.58
F03	21 Feb 2025	14	14.02	86.66	8.1	33.35	8.0	24.9	3.33
F03	21 Feb 2025	15	13.94	85.52	7.9	33.36	8.0	24.9	2.77
F03	21 Feb 2025	16	13.72	85.83	7.6	33.40	8.0	25.0	2.87
F03	21 Feb 2025	17	13.23	85.66	7.0	33.46	7.9	25.2	2.56
F03	21 Feb 2025	18	12.87	87.79	6.5	33.50	7.9	25.3	2.08
F03	21 Feb 2025	19	12.51	87.42	5.7	33.54	7.8	25.4	2.00

NA = not available

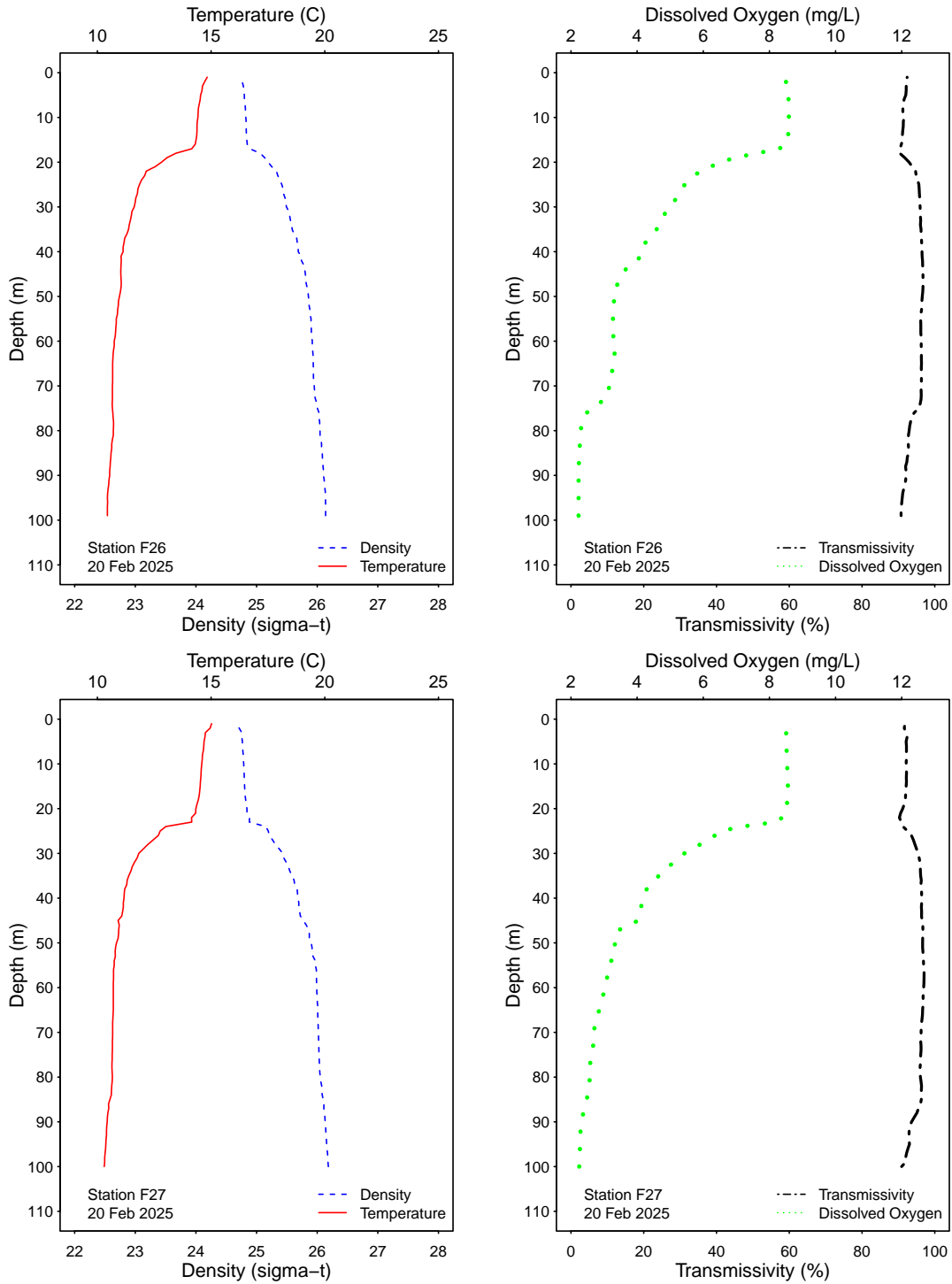


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

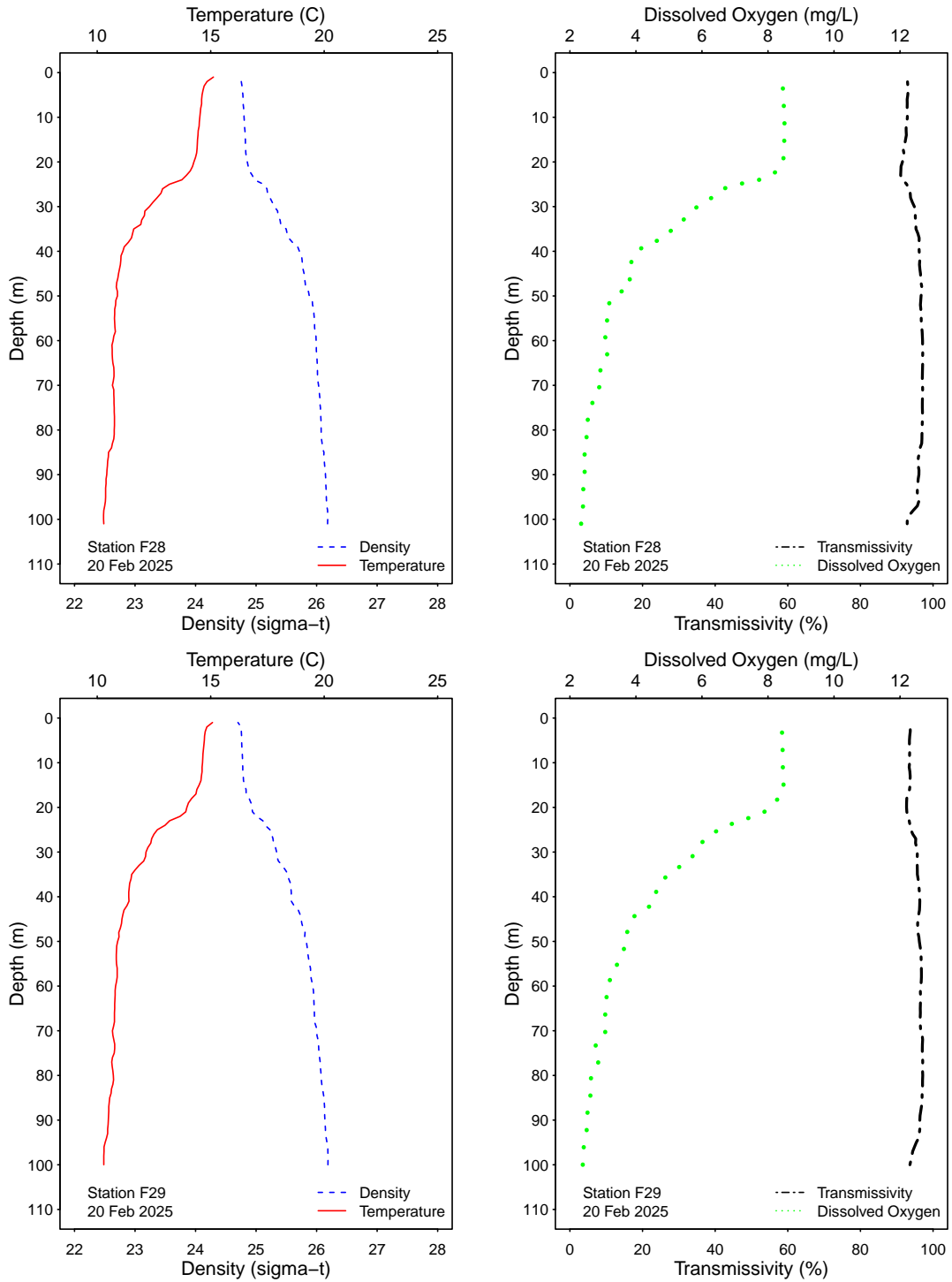


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

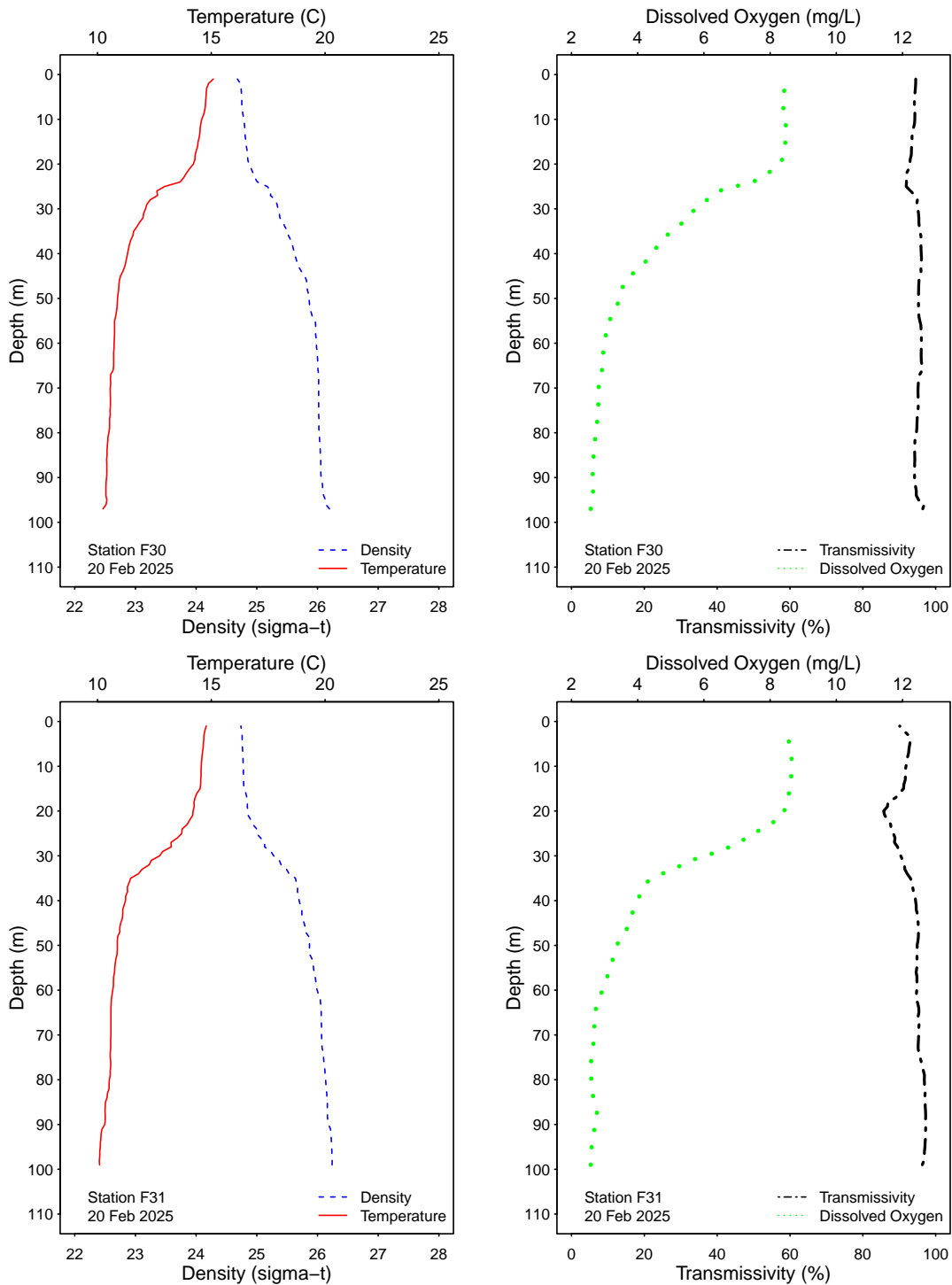


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

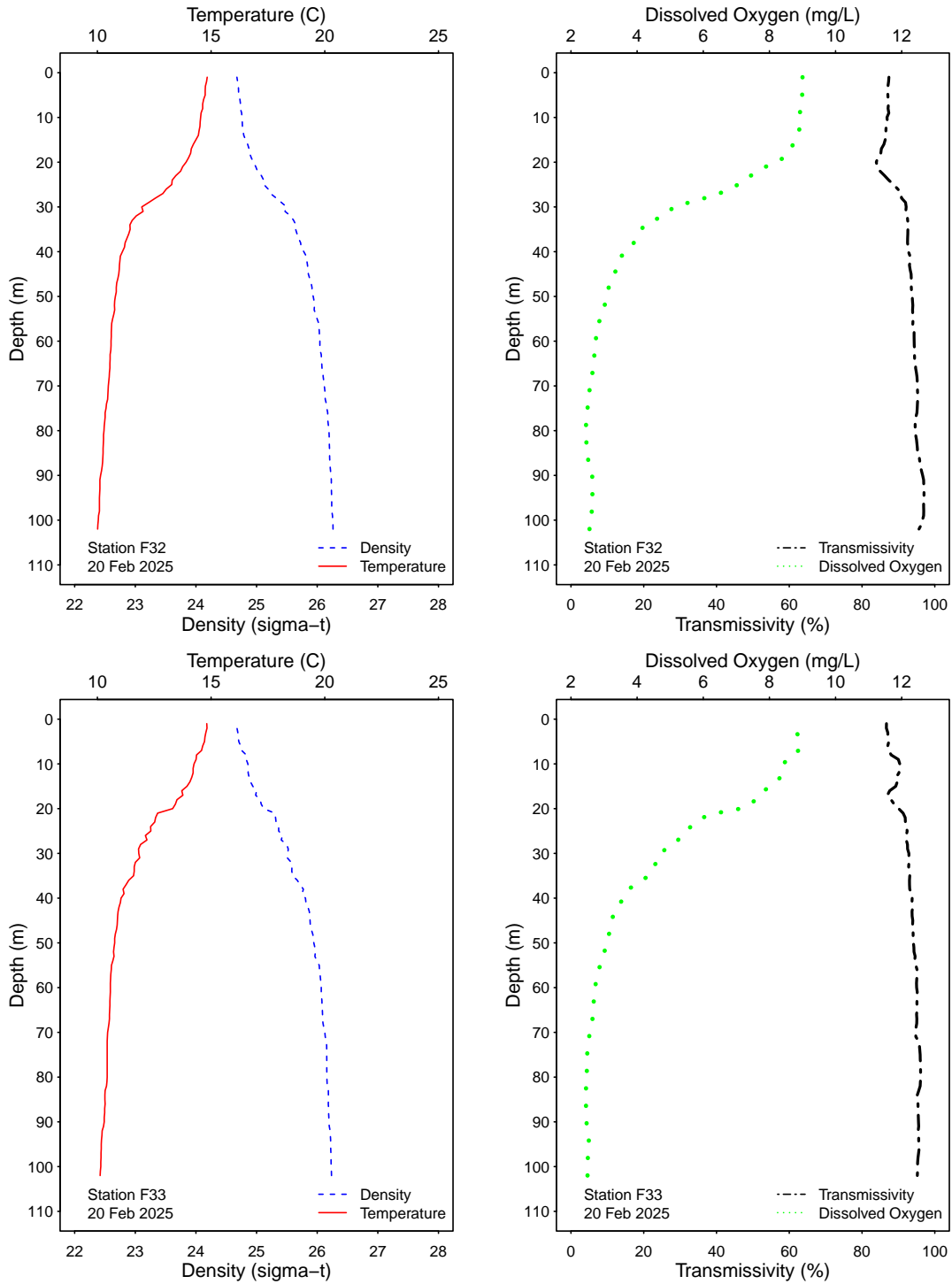


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.



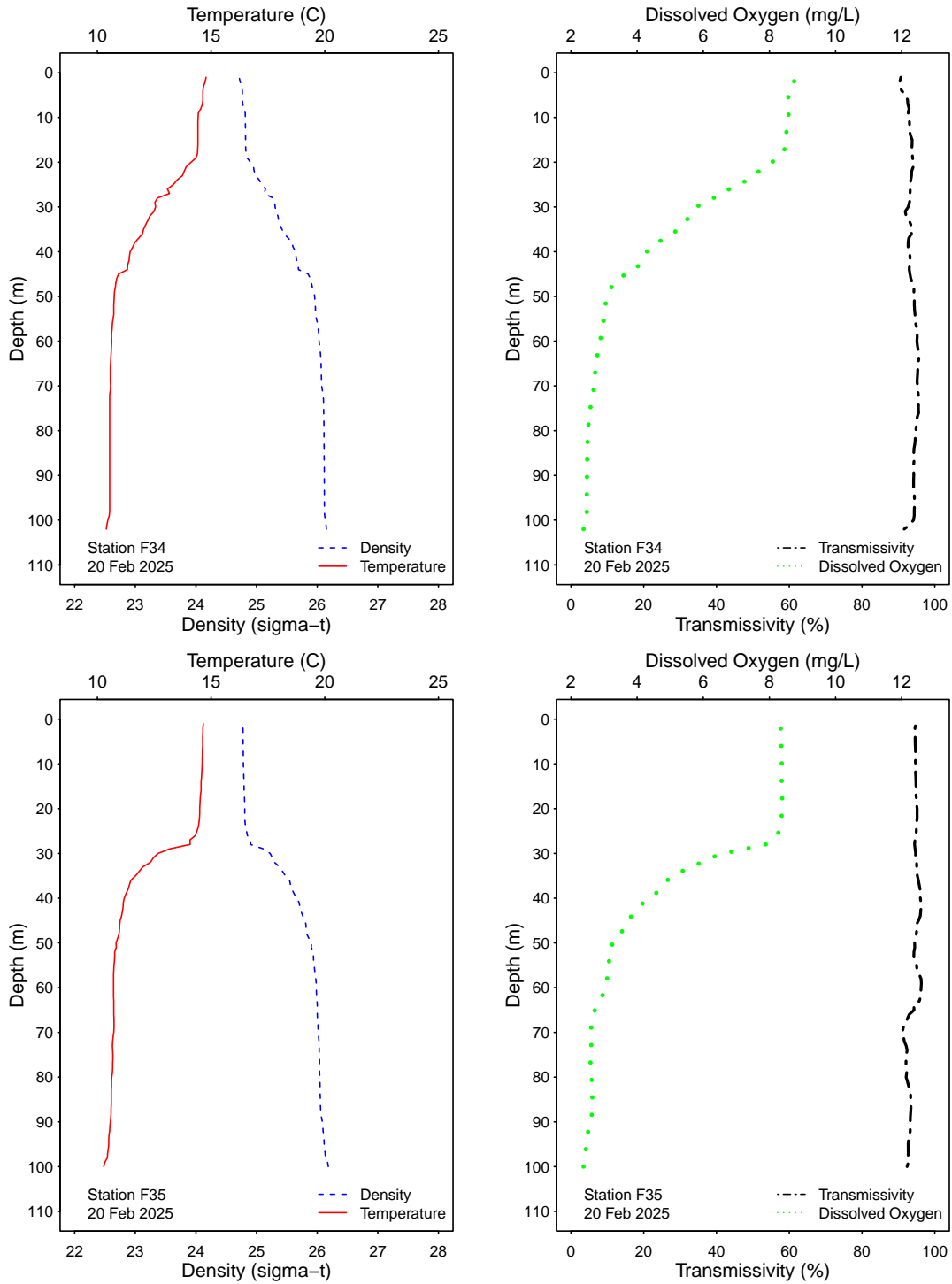


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

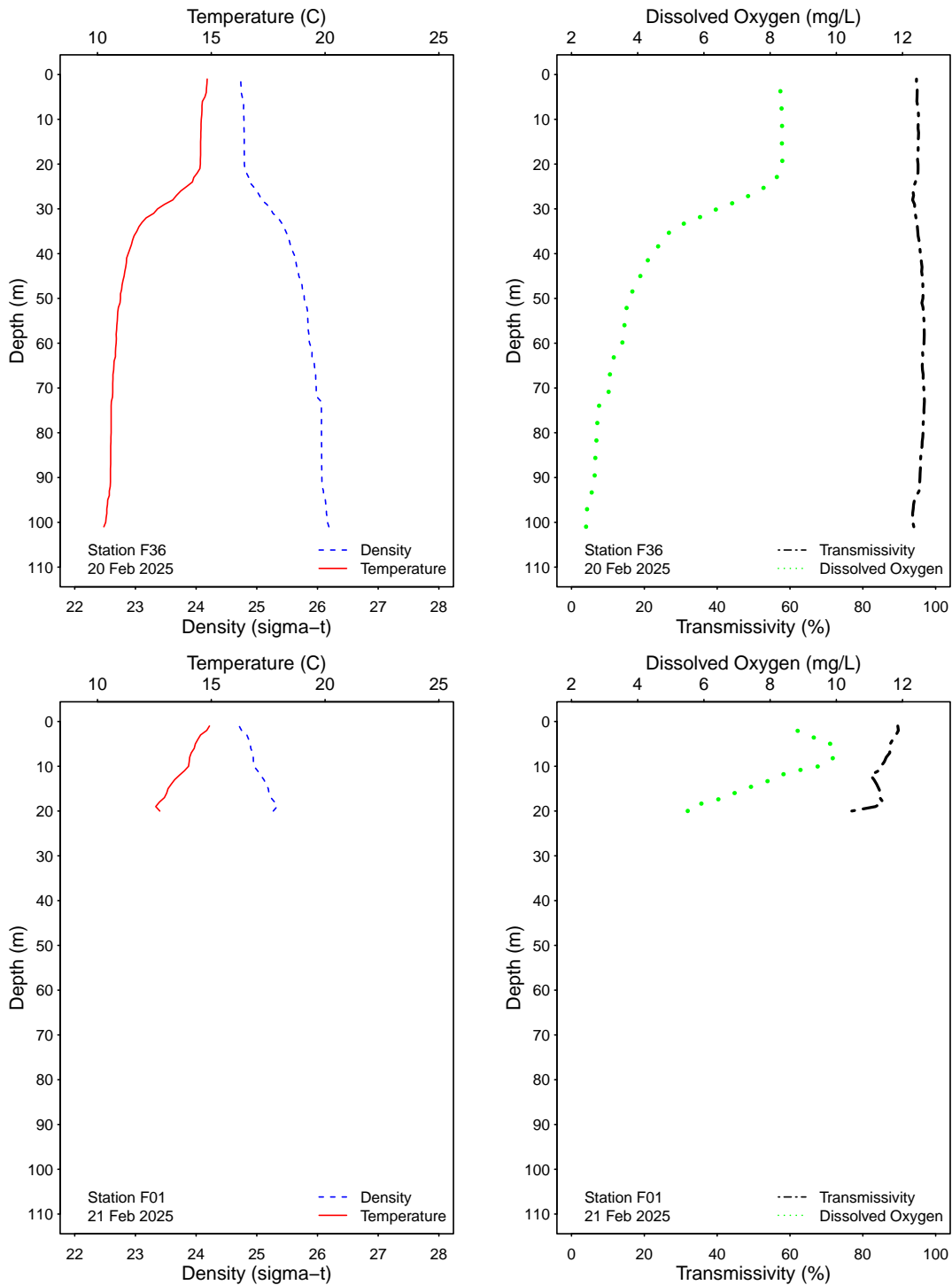


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

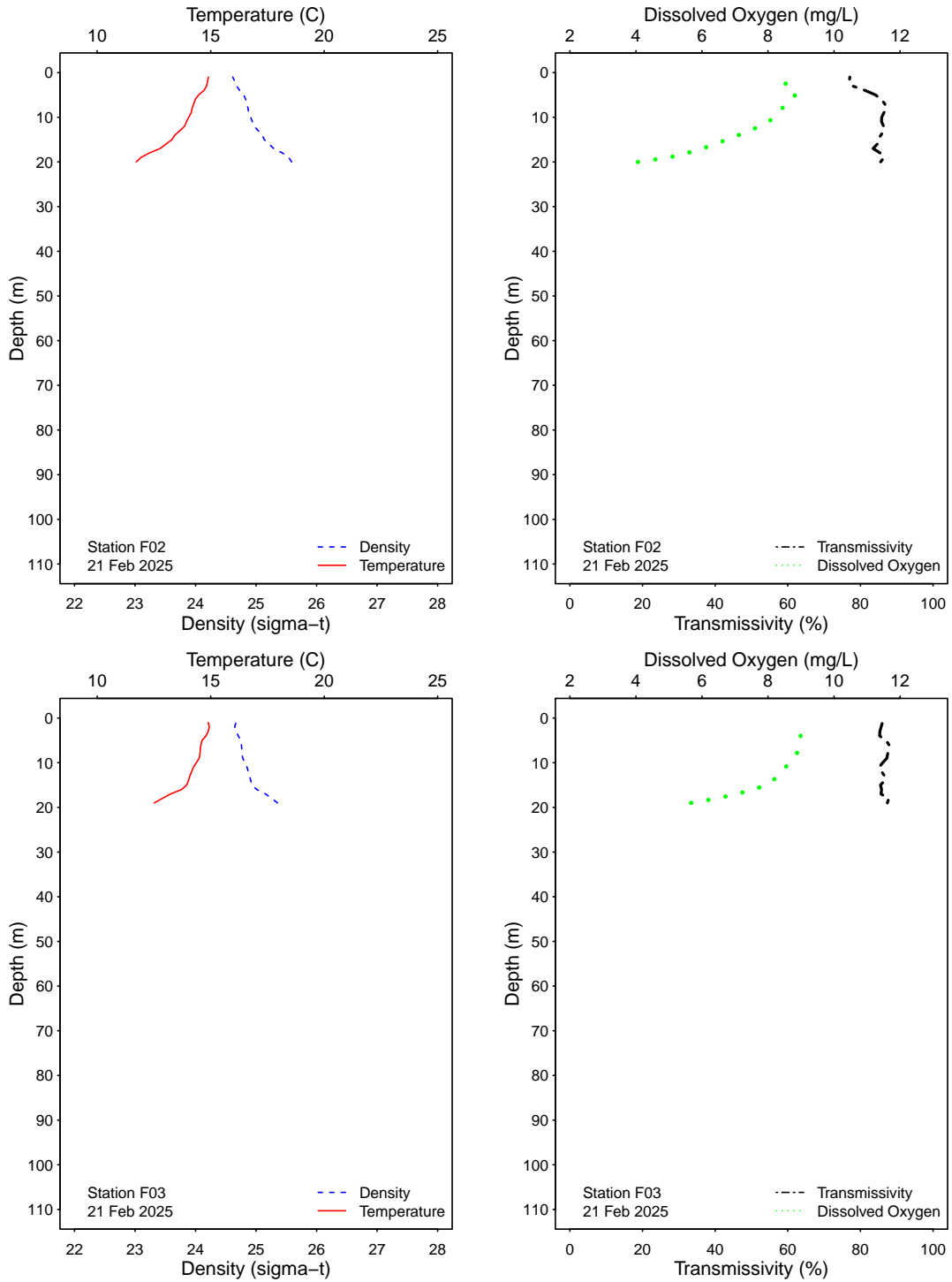


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

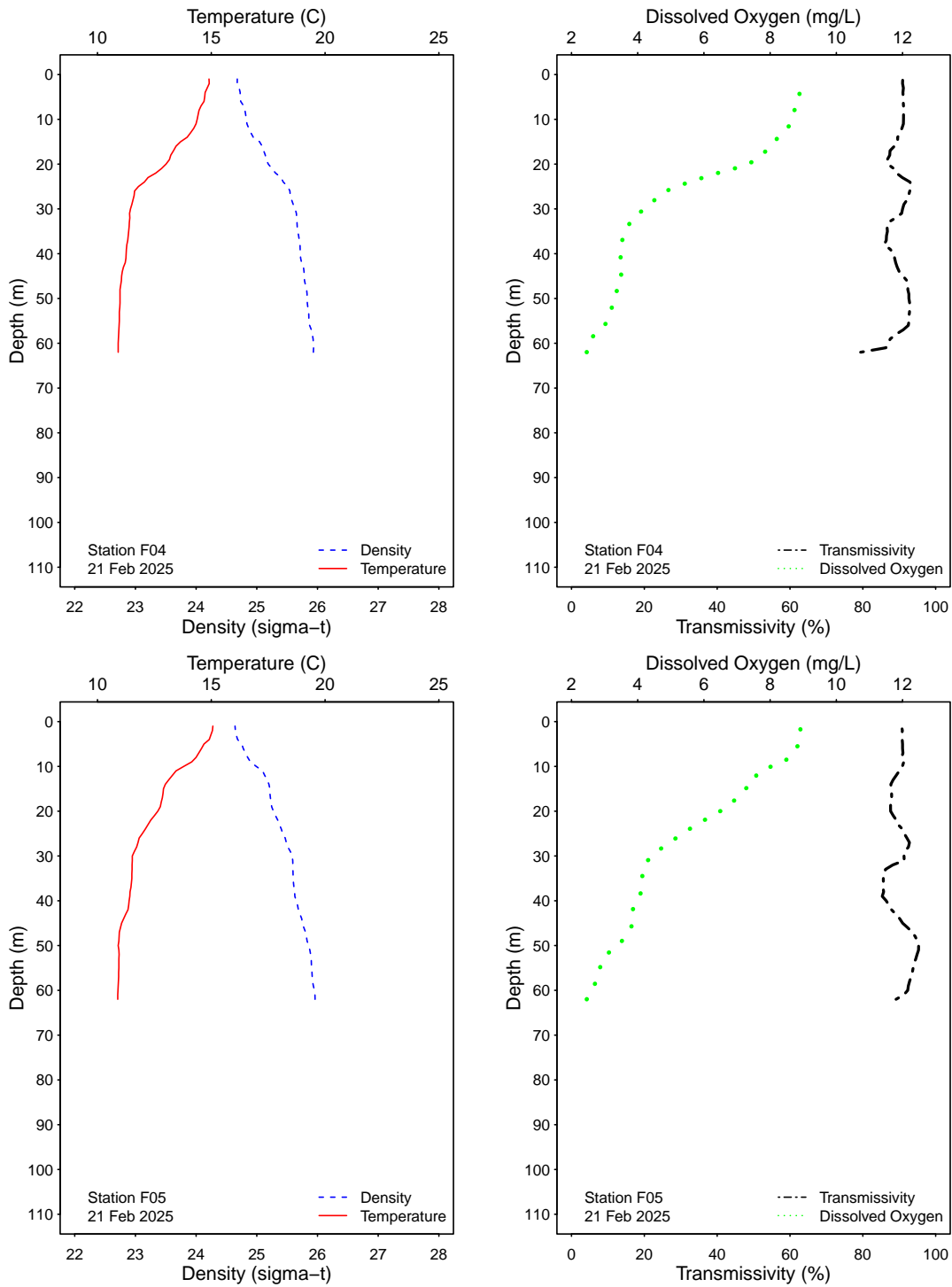


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

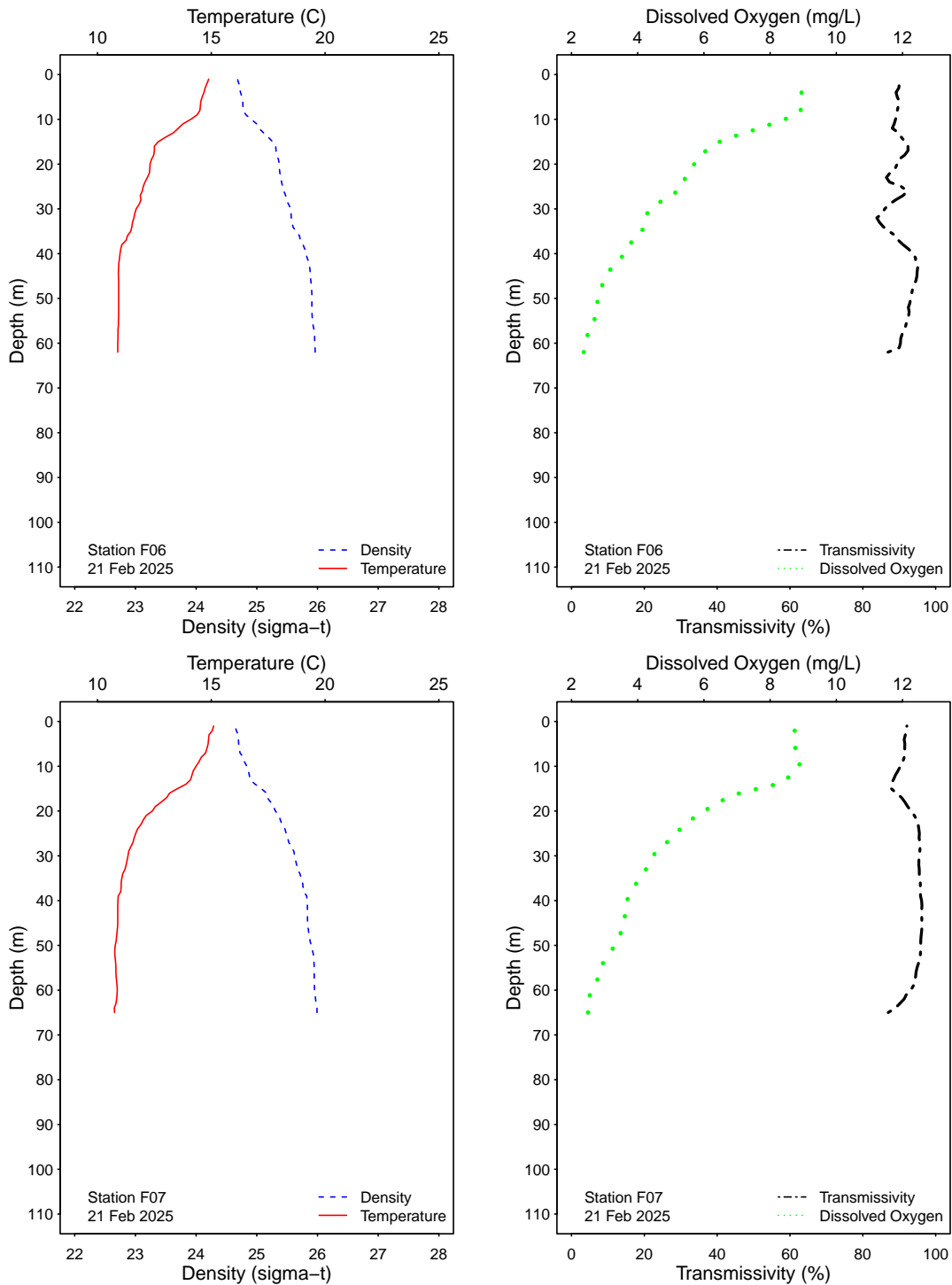


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

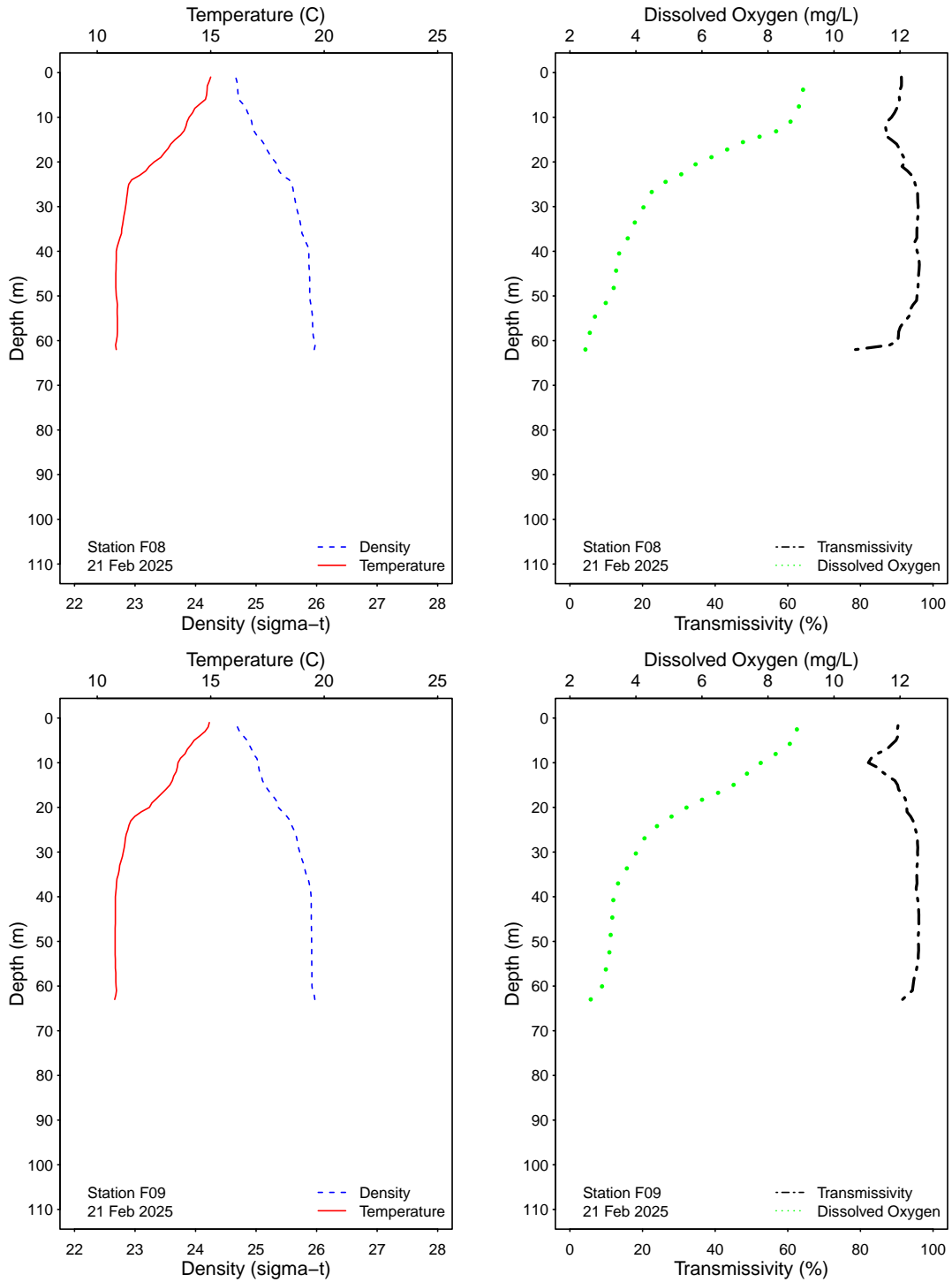


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

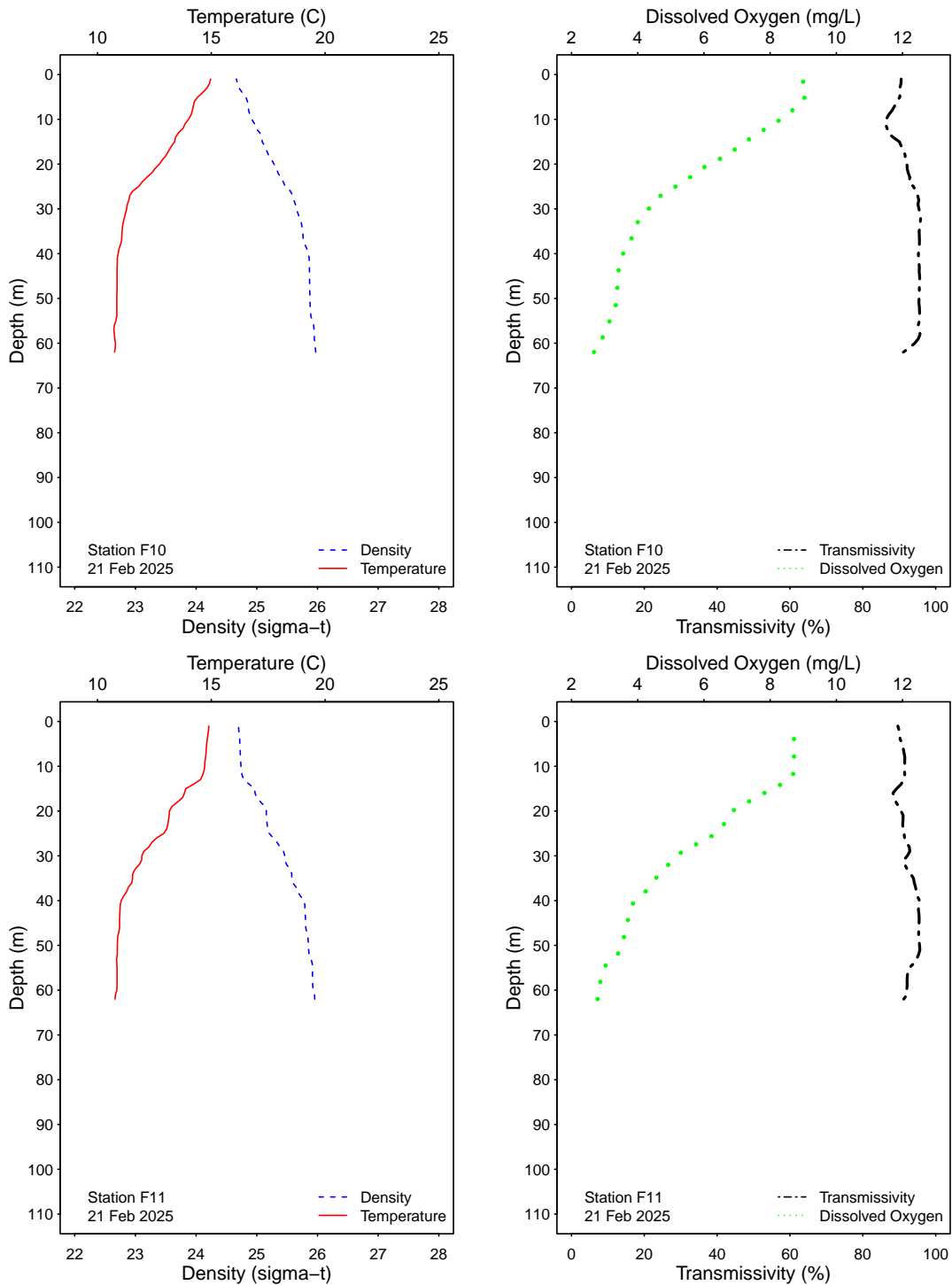


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

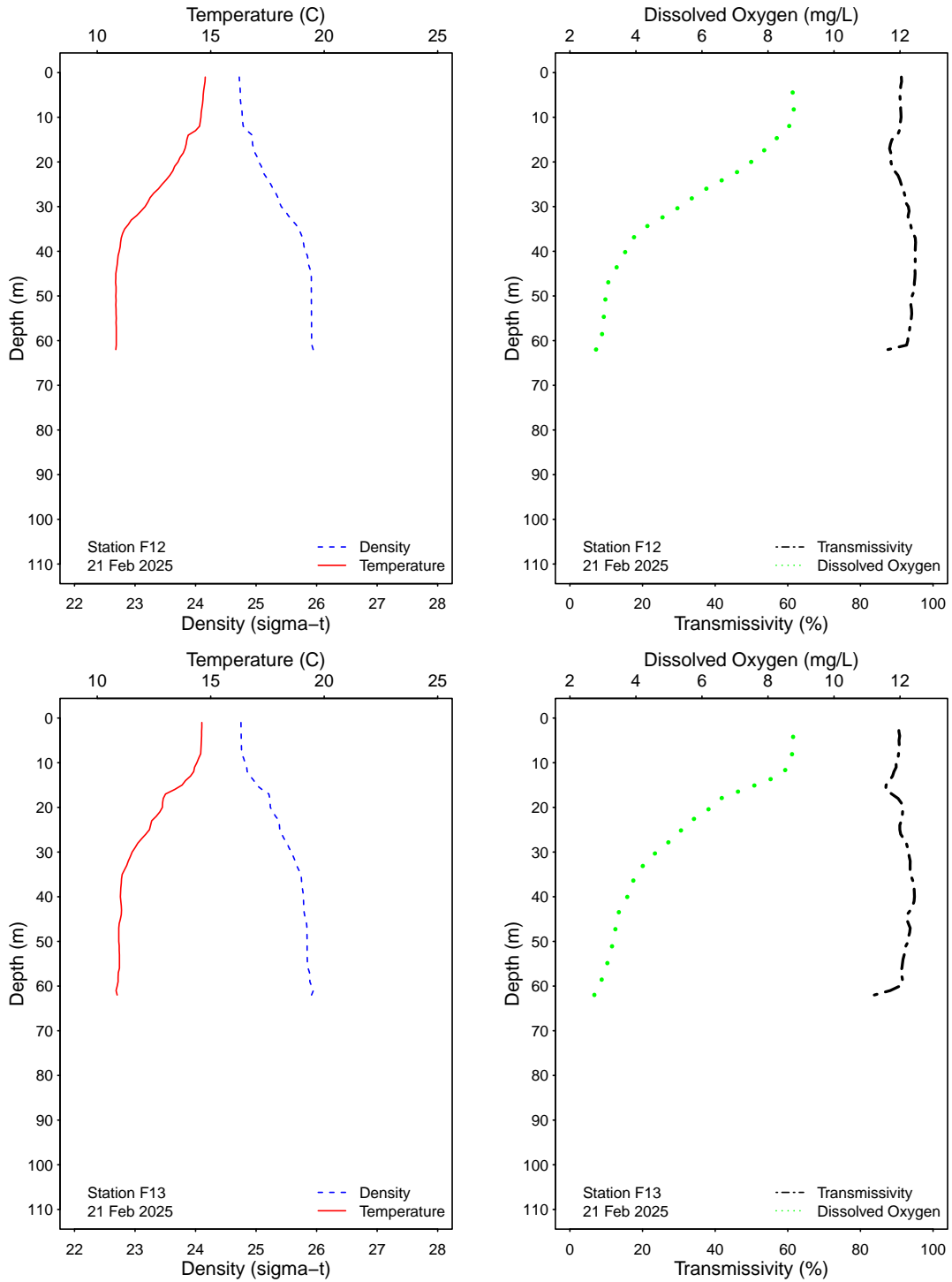


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.



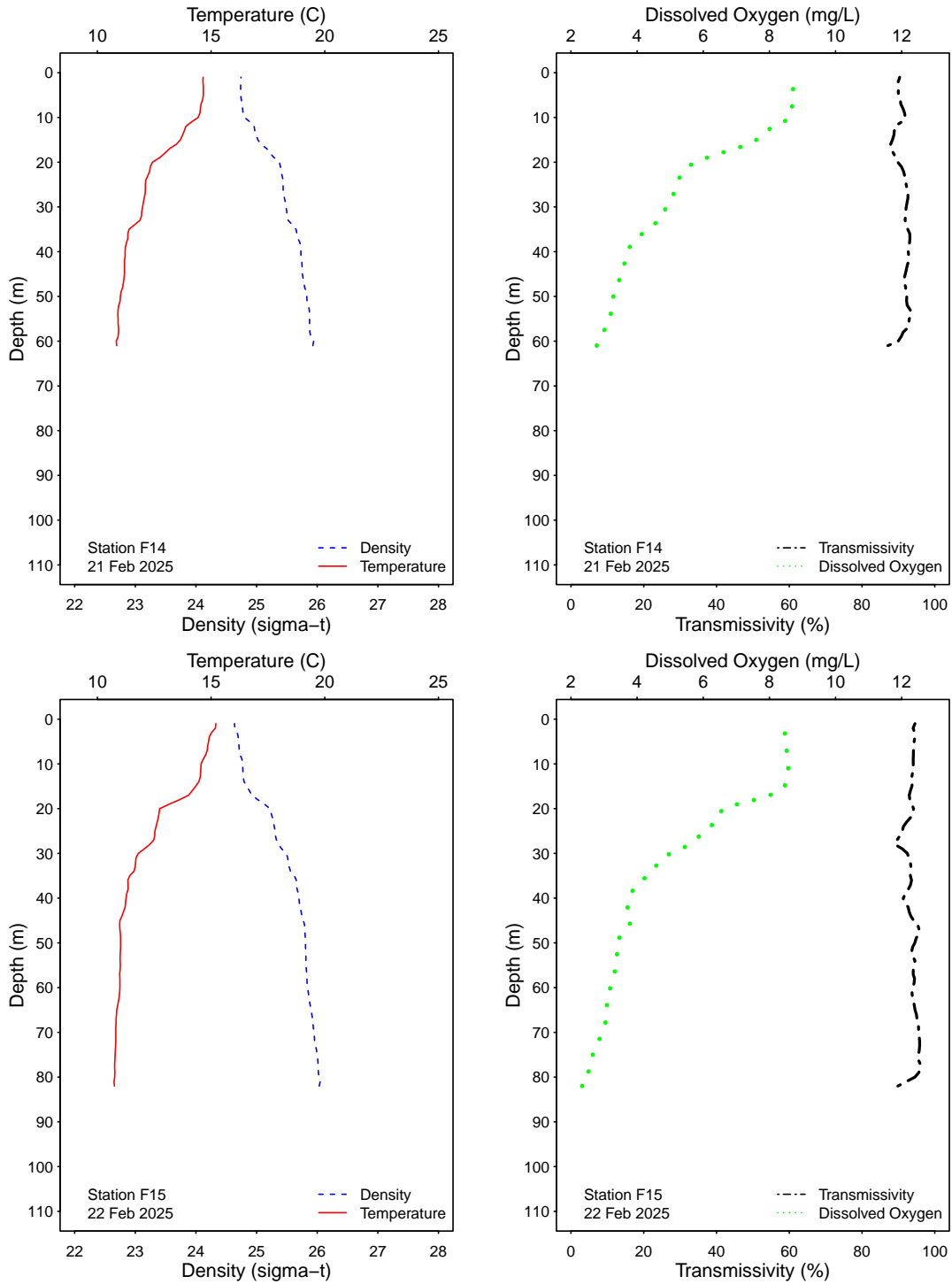


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

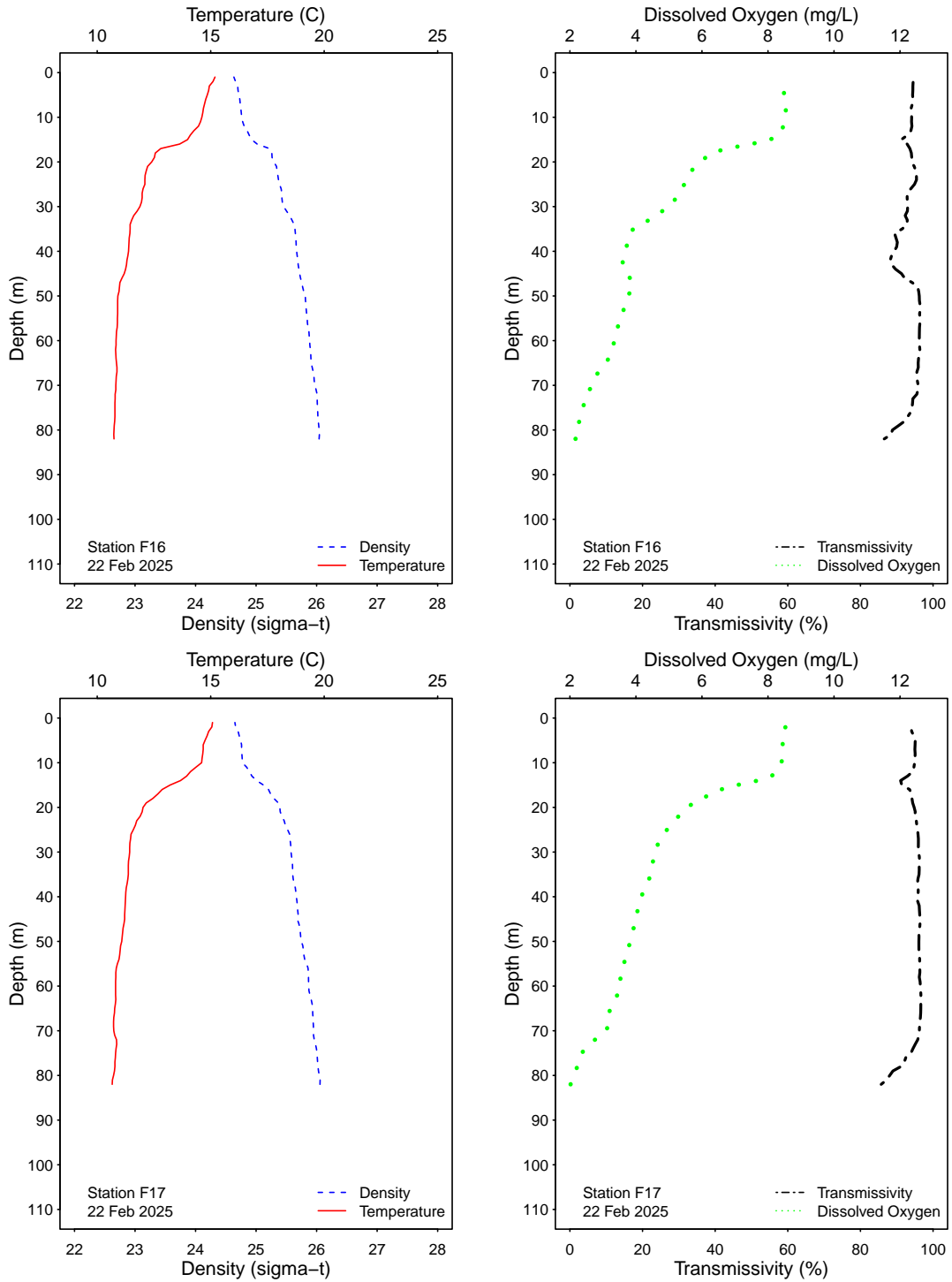


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

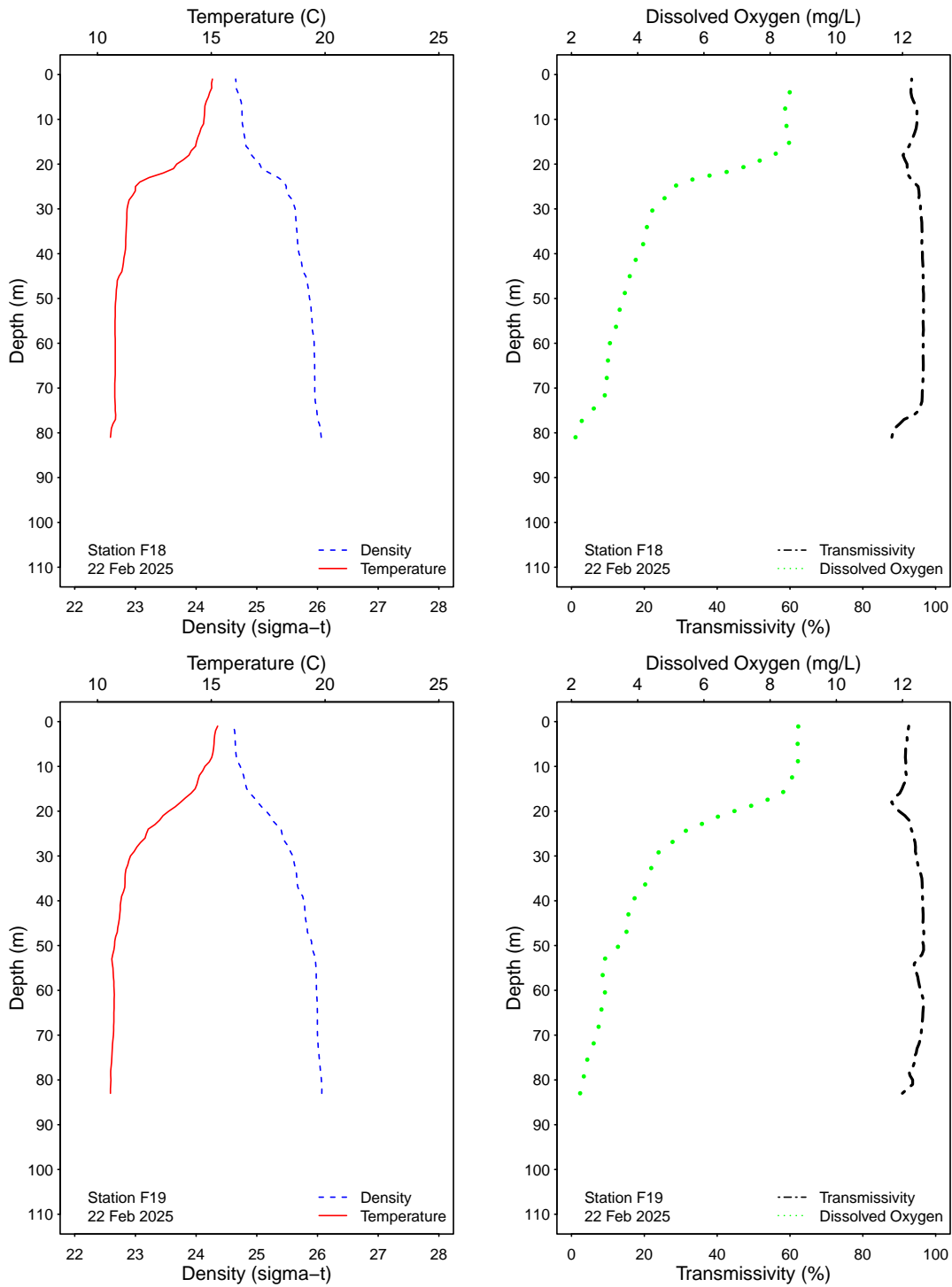


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

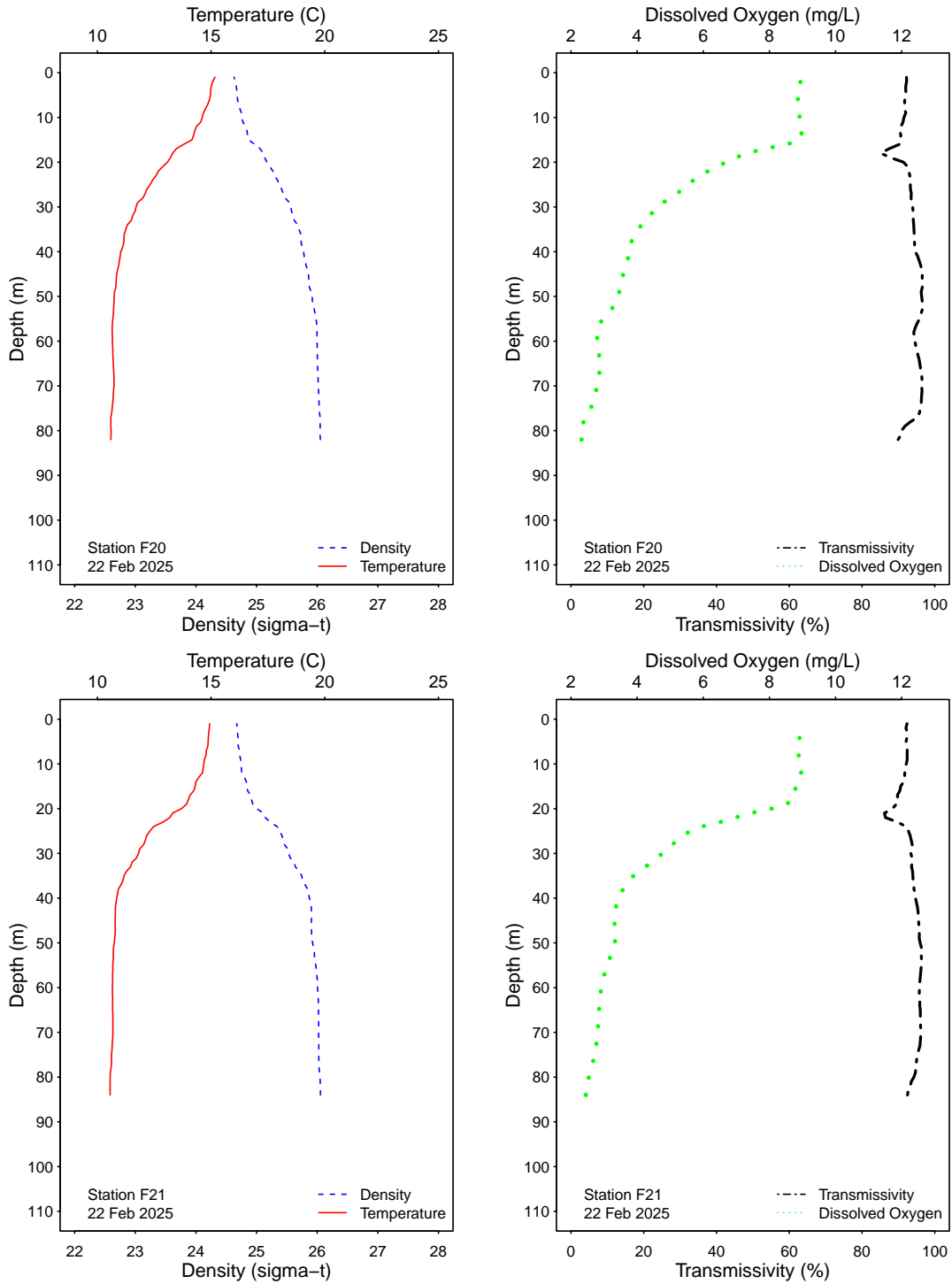


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

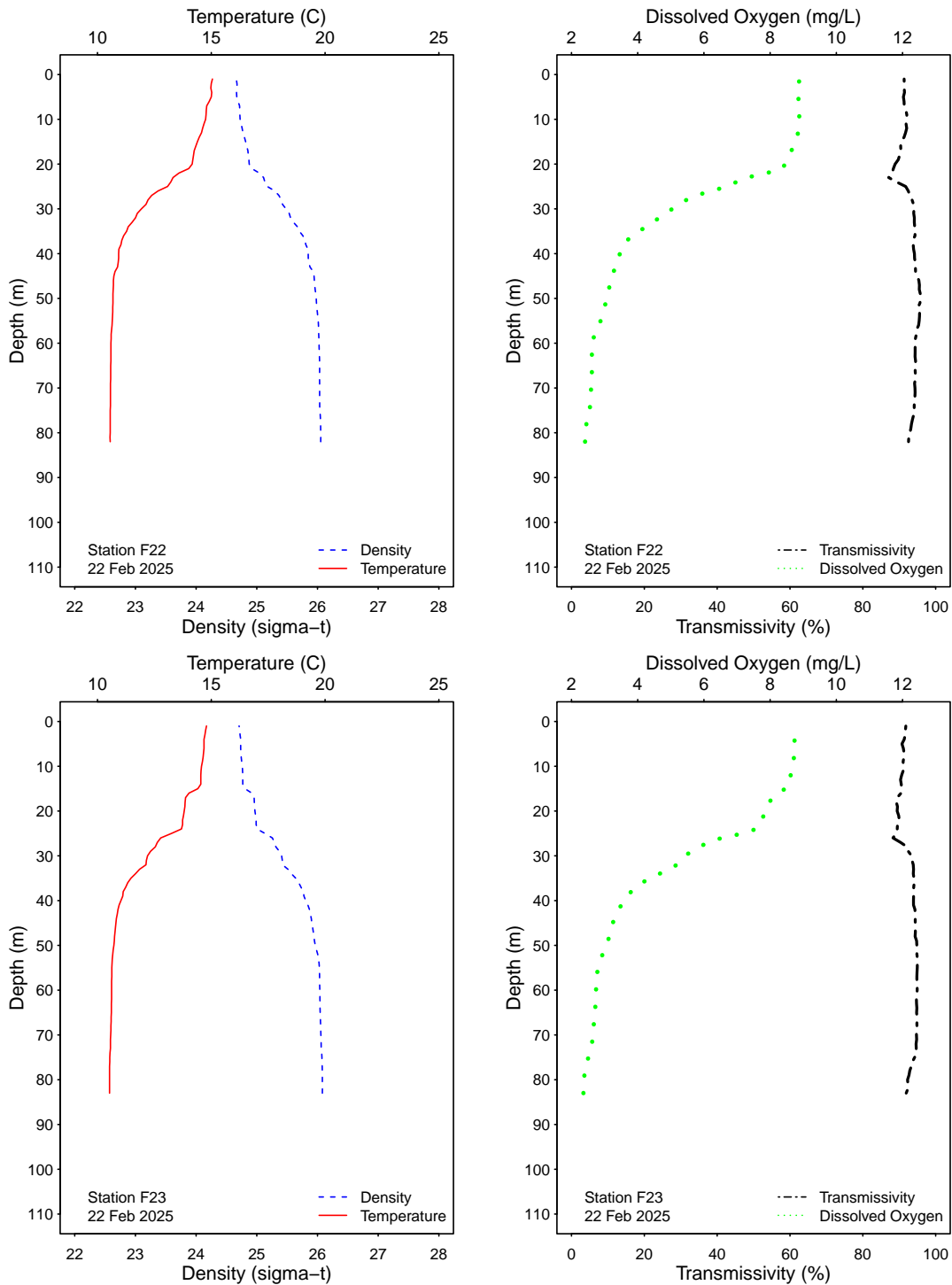


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

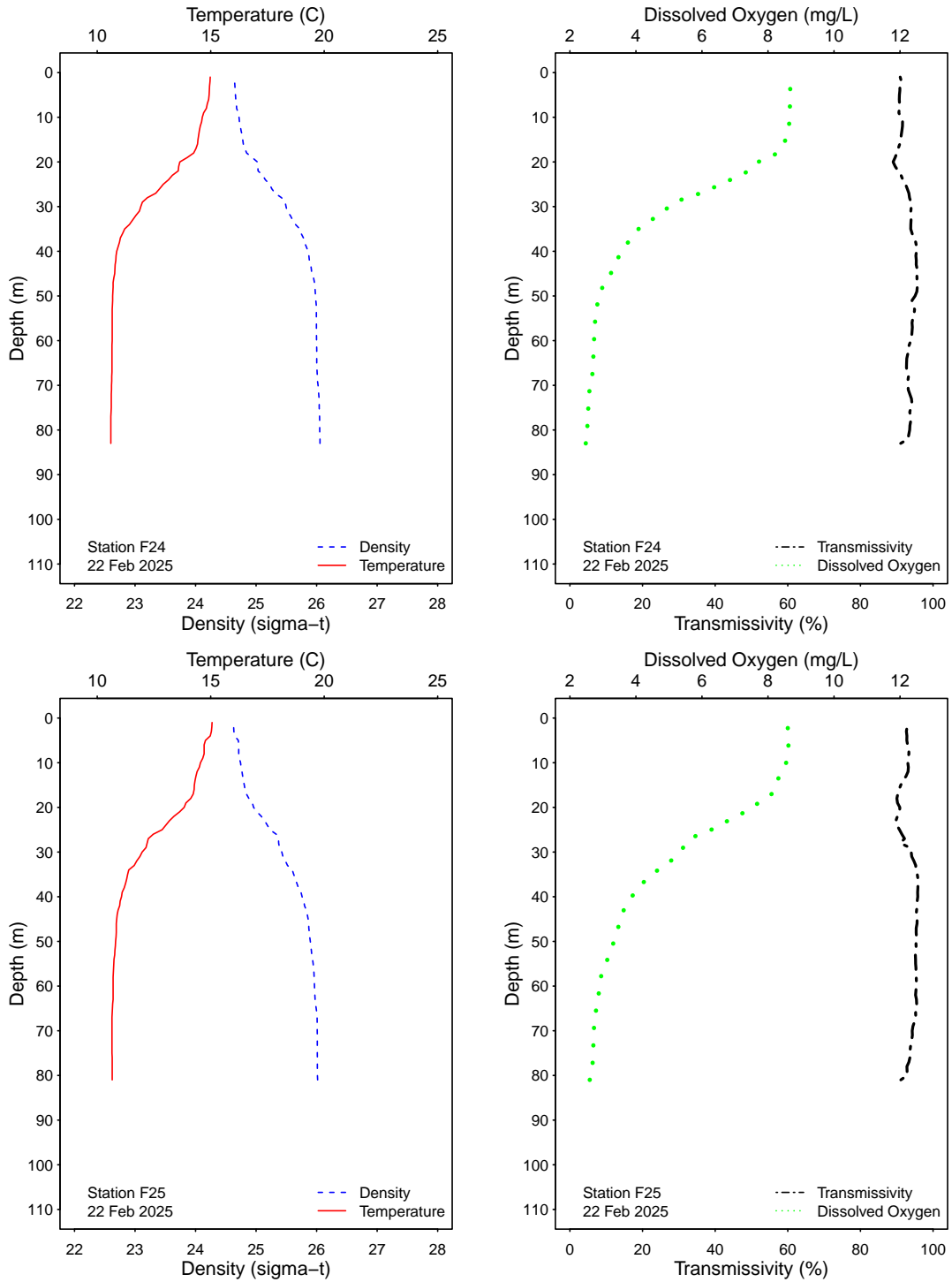


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

# 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
F28	20 Feb 2025	60	JF	LAB DUPLICATE	ns	ns	2
F17	22 Feb 2025	80	ADG	LAB DUPLICATE	ns	ns	12
F01	21 Feb 2025	12	ADG	LAB DUPLICATE	ns	ns	2
F29	20 Feb 2025	60	JF	LAB DUPLICATE	ns	ns	2
F18	22 Feb 2025	60	JF	LAB DUPLICATE	ns	ns	16
F07	21 Feb 2025	60	ADG	LAB DUPLICATE	ns	ns	28
F30	20 Feb 2025	60	JF	LAB DUPLICATE	ns	ns	2
F19	22 Feb 2025	60	JF	LAB DUPLICATE	ns	ns	72
F08	21 Feb 2025	60	ADG	LAB DUPLICATE	ns	ns	28
A7	03 Feb 2025	18	ADG	LAB DUPLICATE	140	18	2
A7	10 Feb 2025	18	JF	LAB DUPLICATE	2000	240	28
A7	19 Feb 2025	18	JF	LAB DUPLICATE	18	4	2
A7	24 Feb 2025	18	NCD	LAB DUPLICATE	2	2	2
F31	20 Feb 2025	80	JF	LAB DUPLICATE	ns	ns	2
F20	22 Feb 2025	60	JF	LAB DUPLICATE	ns	ns	740
F32	20 Feb 2025	80	JF	LAB DUPLICATE	ns	ns	4
F21	22 Feb 2025	80	JF	LAB DUPLICATE	ns	ns	460
C7	03 Feb 2025	18	ADG	LAB DUPLICATE	46	8	2
C7	10 Feb 2025	18	JF	LAB DUPLICATE	240	28	4
C7	19 Feb 2025	18	JF	LAB DUPLICATE	6	4	2
C7	24 Feb 2025	18	NCD	LAB DUPLICATE	4	2	2
F11	21 Feb 2025	60	ADG	LAB DUPLICATE	ns	ns	80
C8	03 Feb 2025	12	ADG	LAB DUPLICATE	20	2	2
C8	10 Feb 2025	12	JF	LAB DUPLICATE	32	4	2
C8	19 Feb 2025	12	JF	LAB DUPLICATE	8	2	2
C8	24 Feb 2025	12	NCD	LAB DUPLICATE	2	2	2
F34	20 Feb 2025	60	JF	LAB DUPLICATE	ns	ns	6
F02	21 Feb 2025	12	ADG	LAB DUPLICATE	ns	ns	2
D12	05 Feb 2025		JF	FIELD DUPLICATE	2	2	2
D12	05 Feb 2025		JF	LAB DUPLICATE	2	2	2
D12	12 Feb 2025		ADG	LAB DUPLICATE	20	10	20
D12	12 Feb 2025		ADG	FIELD DUPLICATE	20	2	8
D12	19 Feb 2025		WT	FIELD DUPLICATE	20	2	2
D12	19 Feb 2025		WT	LAB DUPLICATE	20	2	4
D12	26 Feb 2025		ADG	LAB DUPLICATE	20	24	50
D12	26 Feb 2025		ADG	FIELD DUPLICATE	60	24	56

ns = not sampled

ND = no data

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# APPENDIX B

New 2019 Ocean Plan  
Water Quality Objectives



# Shore Stations



**Table B.1**

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

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Feb 2025	2	2	3	4	3	4	11	2
02 Feb 2025	2	2	3	4	3	4	11	2
03 Feb 2025	2	2	3	4	3	4	11	2
04 Feb 2025	2	2	3	4	3	4	11	2
05 Feb 2025	2	2	2	4	4	4	13	2
06 Feb 2025	2	2	3	4	4	4	12	2
07 Feb 2025	2	2	3	4	4	4	12	2
08 Feb 2025	2	2	3	4	4	4	12	2
09 Feb 2025	2	2	3	4	4	4	12	2
10 Feb 2025	2	2	3	4	4	4	12	2
11 Feb 2025	2	2	3	4	4	4	12	2
12 Feb 2025	2	2	2	5	4	6	12	3
13 Feb 2025	2	2	3	4	3	5	11	3
14 Feb 2025	2	2	3	4	3	5	11	3
15 Feb 2025	2	2	3	4	3	5	11	3
16 Feb 2025	2	2	3	4	3	5	11	3
17 Feb 2025	2	2	3	4	3	5	11	3
18 Feb 2025	2	2	3	4	3	5	11	3
19 Feb 2025	2	2	3	4	3	5	11	3
20 Feb 2025	2	2	3	4	3	5	11	3
21 Feb 2025	2	2	3	4	3	5	11	3
22 Feb 2025	2	2	3	4	3	5	11	3
23 Feb 2025	2	2	3	4	3	5	11	3
24 Feb 2025	2	2	3	4	3	6	9	4
25 Feb 2025	2	2	3	4	3	6	9	4
26 Feb 2025	2	2	4	4	4	9	11	6
27 Feb 2025	2	2	4	4	4	9	11	6
28 Feb 2025	2	2	4	4	4	9	11	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	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data



**Table B.3**

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

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Feb 2025	*2	*11	*2	*25	*5	*14	*28	*8
02 Feb 2025	*2	*11	*2	*25	*5	*14	*28	*8
03 Feb 2025	*2	*11	*2	*25	*5	*14	*28	*8
04 Feb 2025	*2	*11	*2	*25	*5	*14	*28	*8
05 Feb 2025	2	2	2	20	4	8	36	2
06 Feb 2025	2	2	2	20	4	8	36	2
07 Feb 2025	*2	*2	*2	*15	*3	*7	*46	*8
08 Feb 2025	*2	*2	*2	*15	*3	*7	*46	*8
09 Feb 2025	*2	*2	*2	*15	*3	*7	*46	*8
10 Feb 2025	*2	*2	*2	*15	*3	*7	*46	*8
11 Feb 2025	*2	*2	*2	*15	*3	*7	*46	*8
12 Feb 2025	*2	*2	*2	*15	*3	*20	*46	*8
13 Feb 2025	*2	*2	*2	*15	*3	*20	*46	*8
14 Feb 2025	*2	*2	*2	*15	*3	*20	*46	*8
15 Feb 2025	*2	*2	*2	*15	*3	*20	*46	*8
16 Feb 2025	*2	*2	*2	*15	*3	*20	*46	*8
17 Feb 2025	*2	*2	*2	*15	*3	*20	*46	*8
18 Feb 2025	*2	*2	*2	*15	*3	*20	*46	*8
19 Feb 2025	2	2	2	20	4	34	56	14
20 Feb 2025	2	2	2	20	4	34	56	14
21 Feb 2025	*2	*2	*2	*20	*12	*37	*58	*17
22 Feb 2025	*2	*2	*2	*20	*12	*37	*58	*17
23 Feb 2025	*2	*2	*2	*20	*12	*37	*58	*17
24 Feb 2025	*2	*2	*2	*20	*12	*37	*58	*17
25 Feb 2025	*2	*2	*2	*20	*12	*37	*58	*17
26 Feb 2025	2	2	2	*20	20	40	56	20
27 Feb 2025	2	2	2	*20	20	40	56	20
28 Feb 2025	*2	*11	*2	*20	*20	*40	*40	*20

\* Median calculated using n<5

### Table B.4

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

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

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

# Kelp Stations



**Table B.5**

Summary of compliance with the Ocean Plan's 6-week Geometric Mean standard for *Enterococcus* at the PLOO 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 2025	2	2	2	2	2	2	2	2
02 Feb 2025	2	2	2	2	2	2	2	2
03 Feb 2025	2	2	2	2	2	2	2	2
04 Feb 2025	2	2	2	2	2	2	2	2
05 Feb 2025	2	2	2	2	2	2	2	2
06 Feb 2025	2	2	2	2	2	2	2	3
07 Feb 2025	2	2	2	2	2	2	2	3
08 Feb 2025	2	2	2	2	2	2	2	3
09 Feb 2025	2	2	2	2	2	2	2	3
10 Feb 2025	2	2	3	2	2	2	3	3
11 Feb 2025	2	2	3	2	2	2	3	3
12 Feb 2025	2	2	3	2	2	2	3	3
13 Feb 2025	2	2	3	2	2	2	3	3
14 Feb 2025	2	2	3	2	2	2	3	3
15 Feb 2025	2	2	3	2	2	2	3	3
16 Feb 2025	2	2	3	2	2	2	3	3
17 Feb 2025	2	2	3	2	2	2	3	3
18 Feb 2025	2	2	3	2	2	2	3	3
19 Feb 2025	2	2	3	2	2	2	3	3
20 Feb 2025	2	2	3	2	2	2	3	3
21 Feb 2025	2	2	3	2	2	2	3	3
22 Feb 2025	2	2	3	2	2	2	3	3
23 Feb 2025	2	2	3	2	2	2	3	3
24 Feb 2025	2	2	2	2	2	2	3	3
25 Feb 2025	2	2	3	2	2	2	3	3
26 Feb 2025	2	2	3	2	2	2	3	3
27 Feb 2025	2	2	3	2	2	2	3	3
28 Feb 2025	2	2	3	2	2	2	3	3

\* 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>TM</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	3m	9m	1m	12m	18m	
01 Feb 2025	*4	*3	*4	*2	*5	*20	*2	*6	*43	*2	*2	*4	*2	*2	*4	*2	*2	*2	*2	*2	*2	*2	*2	*4	*11
02 Feb 2025	*4	*3	*4	*2	*5	*20	*2	*6	*43	*2	*2	*4	*2	*2	*4	*2	*2	*2	*2	*2	*2	*2	*2	*4	*11
03 Feb 2025	2	4	4	2	8	24	2	10	80	2	2	6	2	2	6	2	2	2	2	2	2	2	2	4	16
04 Feb 2025	2	4	4	2	8	24	2	10	80	2	2	6	2	2	6	2	2	2	2	2	2	2	2	4	16
05 Feb 2025	*2	*19	*52	*2	*15	*26	*2	*19	*100	*2	*2	*4	*2	*2	*7	*2	*2	*2	*2	*2	*2	*2	*3	*7	*18
06 Feb 2025	*2	*19	*52	*2	*15	*26	*2	*19	*100	*2	*2	*4	*2	*2	*7	*2	*2	*2	*2	*2	*2	*2	*3	*7	*18
07 Feb 2025	*2	*19	*52	*2	*15	*26	*2	*19	*100	*2	*2	*4	*2	*2	*7	*2	*2	*2	*2	*2	*2	*2	*3	*7	*18
08 Feb 2025	*2	*19	*52	*2	*15	*26	*2	*19	*100	*2	*2	*4	*2	*2	*7	*2	*2	*2	*2	*2	*2	*2	*3	*7	*18
09 Feb 2025	*2	*19	*52	*2	*15	*26	*2	*19	*100	*2	*2	*4	*2	*2	*7	*2	*2	*2	*2	*2	*2	*2	*3	*7	*18
10 Feb 2025	2	14	100	2	2	36	2	28	120	2	2	2	2	2	2	2	2	2	2	2	2	2	2	10	20
11 Feb 2025	2	14	100	2	2	36	2	28	120	2	2	2	2	2	2	2	2	2	2	2	2	2	2	10	20
12 Feb 2025	2	14	100	2	2	36	2	28	120	2	2	2	2	2	2	2	2	2	2	2	2	2	2	10	20
13 Feb 2025	*2	*24	*100	*2	*15	*62	*2	*20	*130	*2	*2	*2	*2	*2	*7	*2	*2	*2	*2	*2	*2	*2	*12	*15	*25
14 Feb 2025	*2	*24	*100	*2	*15	*62	*2	*20	*130	*2	*2	*2	*2	*2	*7	*2	*2	*2	*2	*2	*2	*2	*12	*15	*25
15 Feb 2025	*2	*24	*100	*2	*15	*62	*2	*20	*130	*2	*2	*2	*2	*2	*7	*2	*2	*2	*2	*2	*2	*2	*12	*15	*25
16 Feb 2025	*2	*24	*100	*2	*15	*62	*2	*20	*130	*2	*2	*2	*2	*2	*7	*2	*2	*2	*2	*2	*2	*2	*12	*15	*25
17 Feb 2025	*2	*24	*100	*2	*15	*62	*2	*20	*130	*2	*2	*2	*2	*2	*7	*2	*2	*2	*2	*2	*2	*2	*12	*15	*25
18 Feb 2025	*2	*24	*100	*2	*15	*62	*2	*20	*130	*2	*2	*2	*2	*2	*7	*2	*2	*2	*2	*2	*2	*2	*12	*15	*25
19 Feb 2025	2	14	100	2	2	36	2	10	120	2	2	2	2	2	2	2	2	2	2	2	2	2	2	10	20
20 Feb 2025	*2	*10	*63	*2	*2	*25	*2	*16	*80	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*8	*15	*24
21 Feb 2025	*2	*10	*63	*2	*2	*25	*2	*16	*80	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*8	*15	*24
22 Feb 2025	*2	*10	*63	*2	*2	*25	*2	*16	*80	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*8	*15	*24
23 Feb 2025	*2	*10	*63	*2	*2	*25	*2	*16	*80	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*8	*15	*24
24 Feb 2025	2	6	26	2	2	14	2	2	20	2	2	2	2	2	2	2	2	2	2	2	2	2	4	10	18
25 Feb 2025	2	6	26	2	2	14	2	2	20	2	2	2	2	2	2	2	2	2	2	2	2	2	4	10	18
26 Feb 2025	2	6	26	2	2	14	2	2	20	2	2	2	2	2	2	2	2	2	2	2	2	2	4	10	18
27 Feb 2025	*2	*10	*63	*2	*2	*25	*2	*16	*80	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*7	*11	*24
28 Feb 2025	*2	*10	*63	*2	*2	*25	*2	*16	*80	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*7	*11	*24

\* 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	18m	1m	3m	9m	1m	3m	9m	1m	12m	18m	1m	12m	18m	
February	IC	IC	IC	IC	IC	E	E	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	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	E	IC	IC	IC	IC	IC	IC	E

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

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