SD Public Utilities

POINT LOMA OCEAN OUTFALL MONTHLY RECEIVING WATERS MONITORING REPORT

POINT LOMA WASTEWATER TREATMENT PLANT

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

NOVEMBER 2025

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

CERTIFIED
Public Utilities Department
Continual Improvement, Prevention of Pollution, Regulatory Compliance
ISO 14001

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

December 31, 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 November 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:

- Over the past several years, due to increasing instability in some cliffside areas of Point Loma, City staff have periodically been unable to safely access and sample some stations. As a result, the after consultation with and approval by the Regional Board, the sampling location has varied between D8, D8-A and D8-B. Access to site D8 was recently restored and sampling at D8 resumed in March 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 ≥ 4 scans per second. These scans are then internally averaged to create water column profiles with data readings at a rate of one per meter. Additionally, CTD profile data for each water sample depth are presented with the bacteriological data.

Offshore Stations

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

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

Bacteriological Reporting and Quality Assurance

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

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

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

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

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

Single Sample Maximums:

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

Quality controls of bacteriological data include laboratory and field duplicate analyses. Laboratory duplicates are performed on approximately 10% of the water quality samples, while field duplicates are performed six times a month (see Appendix A). Laboratory duplicates represent two aliquots of the original sample that are split in the laboratory and analyzed by the same analyst using identical procedures within the same analytical run. The results of these analyses provide a measure of intra-analyst precision. In contrast, field duplicates represent two separate samples collected at the same time from the same site, which are handled under identical circumstances and treated the same throughout field and lab procedures. The results of these analyses provide a measure of precision associated with sample collection, preservation, storage, and lab procedures. The sign test (see Gilbert, 1987[2]) is used to statistically compare both the results from the laboratory duplicates, as well as the results from the field duplicates. These data will be further analyzed in the City's 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 November 5, 13, 19, and 24.
- During the November 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 November.
- Over the years, elevated bacteria levels at shore and kelp bed stations have tended to be associated with rainfall events, heavy recreational use, or the presence of seabirds or decaying kelp and surf grass. See the City of San Diego's most recent *Biennial Receiving Waters Monitoring and Assessment Report for the Point Loma and South Bay Ocean* Outfalls for details (https://www.sandiego.gov/public-utilities/sustainability/ocean-monitoring/reports).

Kelp Bed Stations

- The eight kelp bed water quality stations (A1, A6, A7, C4, C5, C6, C7, C8) were sampled on November 3, 10, 17, and 25.
- During the November report period, each of the eight kelp stations was in compliance with 2015 California Ocean Plan (Ocean Plan) water contact standards.

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

- Water column temperatures ranged from 13.74 to 18.38°C. The difference between surface and bottom waters ranged from 0.02 to 3.51°C.
- Chlorophyll *a* concentrations ranged from 0.26 to 7.97 µg/L.
- A sewage-like odor was detected at station A6 on one or more days in November.

Offshore Stations

- Quarterly offshore water quality sampling was conducted on November 12, 13, and 14.
- During the November report period, each of the 15 offshore stations located within State jurisdictional waters (i.e., F01–F03, F06–F14, F18–F20) was in compliance with the various 2015 Ocean Plan water contact standards.
- Of the remaining 21 offshore stations, elevated densities of *Enterococcus* bacteria (i.e., >104 CFU/100 mL) were detected at stations F27, F28, F29, F30, F31, F32, and F33 at depths ≥ 60 meters.
- Water column temperatures ranged from 10.86 to 19.55°C. The difference between surface and bottom waters ranged from 2.21 to 8.52°C.
- Chlorophyll *a* concentrations ranged from 0.06 to 3.78 µg/L at the offshore stations.
- Nothing of sewage origin was observed at any of the PLOO offshore stations in November.
- CDOM data are available upon request.

TABLES AND FIGURES

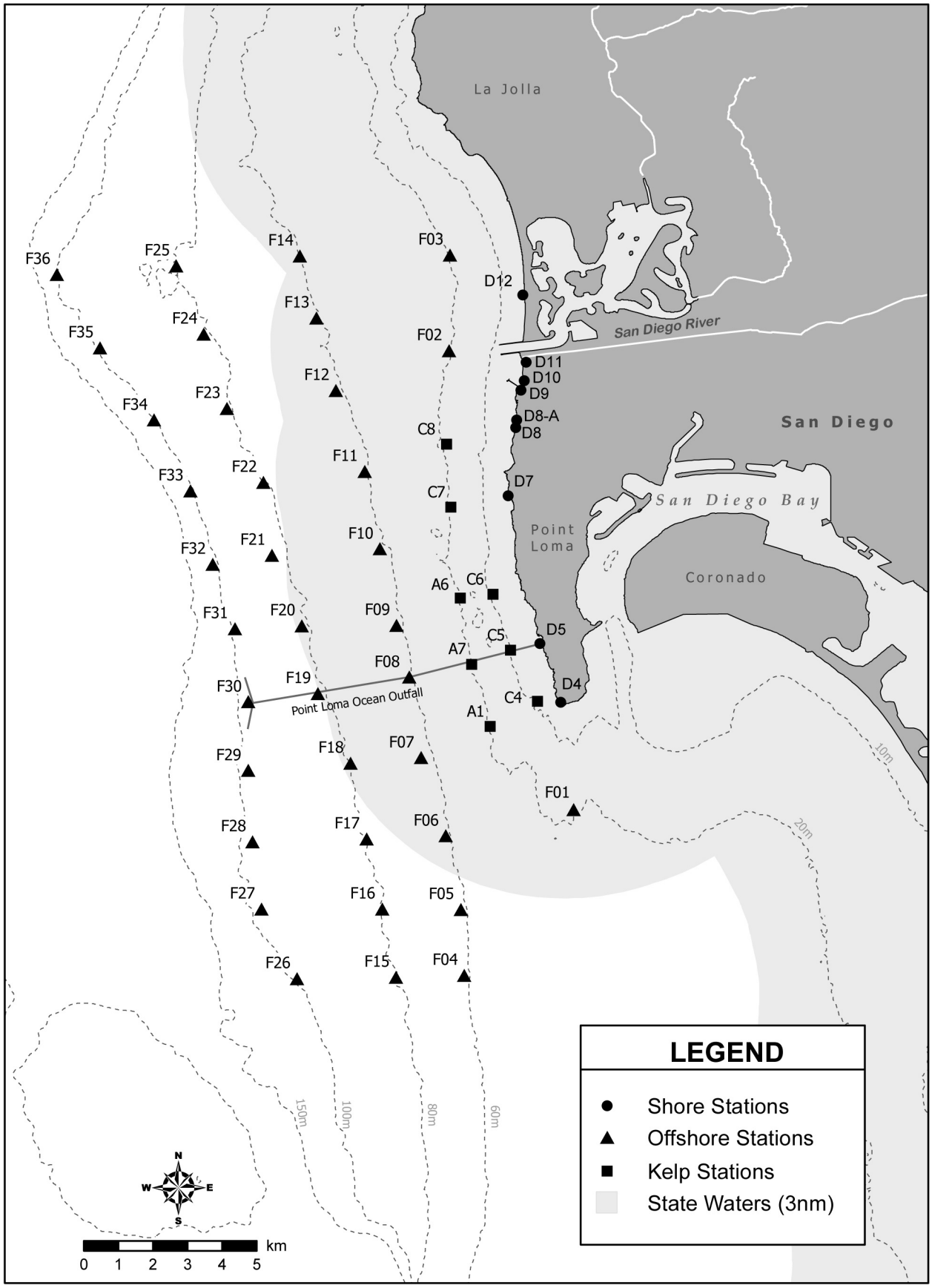

Figure 1.1 Station Map

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Shore Stations

Table 2.1

Summary of compliance with the Ocean Plan's 30-day Geometric Mean standard for 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	D9	D10	D11	D12
01 Nov 2025	*3	*2	*2	*5	*3	*9	*20	*4
02 Nov 2025	*3	*2	*2	*5	*3	*9	*20	*4
03 Nov 2025	*3	*2	*2	*5	*3	*9	*20	*4
04 Nov 2025	*3	*2	*2	*5	*3	*9	*20	*4
05 Nov 2025	2	2	2	6	3	8	14	5
06 Nov 2025	2	2	2	6	3	8	14	5
07 Nov 2025	*2	*2	*2	*4	*3	*8	*13	*6
08 Nov 2025	*2	*2	*2	*4	*3	*8	*13	*6
09 Nov 2025	*2	*2	*2	*4	*3	*8	*13	*6
10 Nov 2025	*2	*2	*2	*4	*3	*8	*13	*6
11 Nov 2025	*2	*2	*2	*4	*3	*8	*13	*6
12 Nov 2025	*2	*2	*2	*4	*3	*8	*13	*6
13 Nov 2025	2	2	2	3	3	6	9	6
14 Nov 2025	*2	*2	*2	*3	*2	*3	*5	*8
15 Nov 2025	*2	*2	*2	*3	*2	*3	*5	*8
16 Nov 2025	*2	*2	*2	*3	*2	*3	*5	*8
17 Nov 2025	*2	*2	*2	*3	*2	*3	*5	*8
18 Nov 2025	*2	*2	*2	*3	*2	*3	*5	*8
19 Nov 2025	2	2	2	4	3	5	6	11
20 Nov 2025	2	2	2	4	3	5	6	11
21 Nov 2025	*2	*2	*2	*5	*3	*5	*4	*10
22 Nov 2025	*2	*2	*2	*5	*3	*5	*4	*10
23 Nov 2025	*2	*2	*2	*5	*3	*5	*4	*10
24 Nov 2025	2	2	2	6	3	4	4	8
25 Nov 2025	2	2	2	6	3	4	4	8
26 Nov 2025	2	2	2	6	3	4	4	8
27 Nov 2025	2	2	2	6	3	4	4	8
28 Nov 2025	*2	*2	*2	*7	*4	*5	*4	*9
29 Nov 2025	*2	*2	*2	*7	*4	*5	*4	*9
30 Nov 2025	*2	*2	*2	*7	*4	*5	*4	*9

* 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	D9	D10	D11	D12
05 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC
13 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC
19 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC
24 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC

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

Table 2.3

Summary of compliance with the Ocean Plan's 30-day Geometric Mean standard for *Enterococcus* at the PLOO shore stations. Data are based on the geometric mean of the five most recent samples from each site over the previous 6 weeks unless otherwise noted (*). Values >35 CFU/100 mL exceed the standard.

Date	D4	D5	D7	D8	D9	D10	D11	D12
01 Nov 2025	*2	*2	*3	*6	*6	*9	*18	*3
02 Nov 2025	*2	*2	*3	*6	*6	*9	*18	*3
03 Nov 2025	*2	*2	*3	*6	*6	*9	*18	*3
04 Nov 2025	*2	*2	*3	*6	*6	*9	*18	*3
05 Nov 2025	2	2	3	8	5	6	13	4
06 Nov 2025	2	2	3	8	5	6	13	4
07 Nov 2025	*2	*2	*2	*6	*3	*5	*11	*5
08 Nov 2025	*2	*2	*2	*6	*3	*5	*11	*5
09 Nov 2025	*2	*2	*2	*6	*3	*5	*11	*5
10 Nov 2025	*2	*2	*2	*6	*3	*5	*11	*5
11 Nov 2025	*2	*2	*2	*6	*3	*5	*11	*5
12 Nov 2025	*2	*2	*2	*6	*3	*5	*11	*5
13 Nov 2025	2	2	2	5	3	4	8	4
14 Nov 2025	*2	*2	*2	*3	*2	*3	*6	*5
15 Nov 2025	*2	*2	*2	*3	*2	*3	*6	*5
16 Nov 2025	*2	*2	*2	*3	*2	*3	*6	*5
17 Nov 2025	*2	*2	*2	*3	*2	*3	*6	*5
18 Nov 2025	*2	*2	*2	*3	*2	*3	*6	*5
19 Nov 2025	2	2	2	5	3	5	7	7
20 Nov 2025	2	2	2	5	3	5	7	7
21 Nov 2025	*2	*2	*2	*7	*3	*4	*5	*6
22 Nov 2025	*2	*2	*2	*7	*3	*4	*5	*6
23 Nov 2025	*2	*2	*2	*7	*3	*4	*5	*6
24 Nov 2025	2	2	2	8	3	3	5	5
25 Nov 2025	2	2	2	8	3	3	5	5
26 Nov 2025	2	2	2	8	3	3	5	5
27 Nov 2025	2	2	2	8	3	3	5	5
28 Nov 2025	*2	*2	*2	*11	*3	*4	*5	*6
29 Nov 2025	*2	*2	*2	*11	*3	*4	*5	*6
30 Nov 2025	*2	*2	*2	*11	*3	*4	*5	*6

* 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	D9	D10	D11	D12
05 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC
13 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC
19 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC
24 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC

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

Table 2.5

Summary of compliance with the Ocean Plan's 30-day Geometric Mean standard for total coliform bacteria at the PLOO shore stations. Data are based on the median of the five most recent samples from each site over the previous 30 days unless otherwise noted (*). Values >1000 CFU/100 mL exceed the standard.

Date	D4	D5	D7	D8	D9	D10	D11	D12
01 Nov 2025	*13	*112	*37	*121	*30	*69	*152	*15
02 Nov 2025	*13	*112	*37	*121	*30	*69	*152	*15
03 Nov 2025	*13	*112	*37	*121	*30	*69	*152	*15
04 Nov 2025	*13	*112	*37	*121	*30	*69	*152	*15
05 Nov 2025	14	80	24	97	26	62	101	16
06 Nov 2025	14	80	24	97	26	62	101	16
07 Nov 2025	*11	*63	*14	*61	*27	*58	*85	*15
08 Nov 2025	*11	*63	*14	*61	*27	*58	*85	*15
09 Nov 2025	*11	*63	*14	*61	*27	*58	*85	*15
10 Nov 2025	*11	*63	*14	*61	*27	*58	*85	*15
11 Nov 2025	*11	*63	*14	*61	*27	*58	*85	*15
12 Nov 2025	*11	*63	*14	*61	*27	*58	*85	*15
13 Nov 2025	8	50	9	49	25	44	56	14
14 Nov 2025	*11	*36	*8	*34	*18	*22	*30	*22
15 Nov 2025	*11	*36	*8	*34	*18	*22	*30	*22
16 Nov 2025	*11	*36	*8	*34	*18	*22	*30	*22
17 Nov 2025	*11	*36	*8	*34	*18	*22	*30	*22
18 Nov 2025	*11	*36	*8	*34	*18	*22	*30	*22
19 Nov 2025	13	50	11	40	23	34	32	33
20 Nov 2025	13	50	11	40	23	34	32	33
21 Nov 2025	*11	*36	*8	*34	*23	*39	*20	*21
22 Nov 2025	*11	*36	*8	*34	*23	*39	*20	*21
23 Nov 2025	*11	*36	*8	*34	*23	*39	*20	*21
24 Nov 2025	13	32	9	30	26	34	20	13
25 Nov 2025	13	32	9	30	26	34	20	13
26 Nov 2025	13	32	9	30	26	34	20	13
27 Nov 2025	13	32	9	30	26	34	20	13
28 Nov 2025	*11	*36	*9	*34	*28	*39	*20	*16
29 Nov 2025	*11	*36	*9	*34	*28	*39	*20	*16
30 Nov 2025	*11	*36	*9	*34	*28	*39	*20	*16

* 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 10^4 CFU/100 mL.

Date	D4	D5	D7	D8	D9	D10	D11	D12
05 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC
13 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC
19 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC
24 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC

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

Table 2.7

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

Date	D4	D5	D7	D8	D9	D10	D11	D12
05 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC
13 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC
19 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC
24 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC

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

Table 2.8

Summary of water quality parameters at the PLOO shore stations for each sample date. Densities of fecal coliform (Fecal) and *Enterococcus* (Entero) are reported as CFU/100 mL. Comments follow the data summary.

Station	Date	Time	Total	Fecal	Entero
D10	05 Nov 2025	823	40e	6e	2e
D10	13 Nov 2025	925	14e	2e	2e
D10	19 Nov 2025	750	<200	26e	28e
D10	24 Nov 2025	916	20e	2e	<2
D11	05 Nov 2025	807	20e	4e	4e
D11	13 Nov 2025	910	10e	<2	<2
D11	19 Nov 2025	739	40e	18e	12e
D11	24 Nov 2025	904	<20	<2	6e
D12	05 Nov 2025	738	<20	8e	12e
D12	13 Nov 2025	838	10e	6e	2e
D12	19 Nov 2025	720	160e	38e	22e
D12	24 Nov 2025	842	2e	4e	2e
D4	05 Nov 2025	947	<20	<2	<2
D4	13 Nov 2025	1110	<2	<2	2e
D4	19 Nov 2025	937	20e	4e	<2
D4	24 Nov 2025	1110	<20	<2	<2
D5	05 Nov 2025	937	<20	<2	<2
D5	13 Nov 2025	1052	<20	2e	2e
D5	19 Nov 2025	908	<200	4e	2e
D5	24 Nov 2025	1052	20e	<2	2e
D7	05 Nov 2025	901	4e	<2	2e
D7	13 Nov 2025	1016	2e	<2	<2
D7	19 Nov 2025	836	40e	2e	<2
D7	24 Nov 2025	1022	20e	2e	<2
D8	05 Nov 2025	848	40e	8e	16e
D8	13 Nov 2025	1000	<20	<2	<2
D8	19 Nov 2025	822	80e	12e	32e
D8	24 Nov 2025	948	20e	12e	12e
D9	05 Nov 2025	835	14e	<2	2e
D9	13 Nov 2025	942	18e	<2	<2
D9	19 Nov 2025	807	60e	12e	12e
D9	24 Nov 2025	933	40e	4e	2e

ns = not sampled
ND = no data

Table 2.9

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

Station	Date	Parameter	Value
D4	05 Nov 2025	Arrive Time	947
D4	05 Nov 2025	Wind Speed (kts)	1.4
D4	05 Nov 2025	Wind Dir	S
D4	05 Nov 2025	Animal Life	
D4	05 Nov 2025	Floatables	
D4	05 Nov 2025	Current Direction	S
D4	05 Nov 2025	Water Temp (C)	16.3
D4	05 Nov 2025	High Tide Time	752
D4	05 Nov 2025	Low Tide Time	143
D4	05 Nov 2025	Comments	Water clear; Trash-4; Kelp;Seagrass;Debris
D4	13 Nov 2025	Arrive Time	1110
D4	13 Nov 2025	Wind Speed (kts)	1.9
D4	13 Nov 2025	Wind Dir	SW
D4	13 Nov 2025	Animal Life	Pelican-1;
D4	13 Nov 2025	Floatables	
D4	13 Nov 2025	Current Direction	S
D4	13 Nov 2025	Water Temp (C)	16.4
D4	13 Nov 2025	High Tide Time	459
D4	13 Nov 2025	Low Tide Time	1057
D4	13 Nov 2025	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae;Debris; Injured pelican
D4	19 Nov 2025	Arrive Time	937
D4	19 Nov 2025	Wind Speed (kts)	2
D4	19 Nov 2025	Wind Dir	S
D4	19 Nov 2025	Animal Life	
D4	19 Nov 2025	Floatables	
D4	19 Nov 2025	Current Direction	NE
D4	19 Nov 2025	Water Temp (C)	16.4
D4	19 Nov 2025	High Tide Time	735
D4	19 Nov 2025	Low Tide Time	123
D4	19 Nov 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris
D4	24 Nov 2025	Arrive Time	1110
D4	24 Nov 2025	Wind Speed (kts)	0
D4	24 Nov 2025	Wind Dir	XX
D4	24 Nov 2025	Animal Life	
D4	24 Nov 2025	Floatables	
D4	24 Nov 2025	Current Direction	S
D4	24 Nov 2025	Water Temp (C)	17.5
D4	24 Nov 2025	High Tide Time	7
D4	24 Nov 2025	Low Tide Time	326
D4	24 Nov 2025	Comments	Water clear; Surfer/Paddle boarder-2; Boater/Kayaker-2; Trash-3; Kelp;Seagrass;Algae
D5	05 Nov 2025	Arrive Time	937
D5	05 Nov 2025	Wind Speed (kts)	3.6
D5	05 Nov 2025	Wind Dir	SE
D5	05 Nov 2025	Animal Life	
D5	05 Nov 2025	Floatables	
D5	05 Nov 2025	Current Direction	S
D5	05 Nov 2025	Water Temp (C)	17.7
D5	05 Nov 2025	High Tide Time	752
D5	05 Nov 2025	Low Tide Time	143
D5	05 Nov 2025	Comments	Water clear; Trash-1; Kelp;Algae;Seagrass

Station	Date	Parameter	Value
D5	13 Nov 2025	Arrive Time	1052
D5	13 Nov 2025	Wind Speed (kts)	1.5
D5	13 Nov 2025	Wind Dir	S
D5	13 Nov 2025	Animal Life	
D5	13 Nov 2025	Floatables	
D5	13 Nov 2025	Current Direction	S
D5	13 Nov 2025	Water Temp (C)	17.3
D5	13 Nov 2025	High Tide Time	459
D5	13 Nov 2025	Low Tide Time	1057
D5	13 Nov 2025	Comments	Water clear; Trash-1; Kelp;Algae
D5	19 Nov 2025	Arrive Time	908
D5	19 Nov 2025	Wind Speed (kts)	0
D5	19 Nov 2025	Wind Dir	XX
D5	19 Nov 2025	Animal Life	
D5	19 Nov 2025	Floatables	
D5	19 Nov 2025	Current Direction	NE
D5	19 Nov 2025	Water Temp (C)	15.3
D5	19 Nov 2025	High Tide Time	735
D5	19 Nov 2025	Low Tide Time	123
D5	19 Nov 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris; Sewage-like odor
D5	24 Nov 2025	Arrive Time	1052
D5	24 Nov 2025	Wind Speed (kts)	2.8
D5	24 Nov 2025	Wind Dir	NW
D5	24 Nov 2025	Animal Life	
D5	24 Nov 2025	Floatables	
D5	24 Nov 2025	Current Direction	S
D5	24 Nov 2025	Water Temp (C)	16.8
D5	24 Nov 2025	High Tide Time	7
D5	24 Nov 2025	Low Tide Time	326
D5	24 Nov 2025	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae; Sewage-like odor
D7	05 Nov 2025	Arrive Time	901
D7	05 Nov 2025	Wind Speed (kts)	2.3
D7	05 Nov 2025	Wind Dir	SE
D7	05 Nov 2025	Animal Life	
D7	05 Nov 2025	Floatables	
D7	05 Nov 2025	Current Direction	S
D7	05 Nov 2025	Water Temp (C)	16.8
D7	05 Nov 2025	High Tide Time	752
D7	05 Nov 2025	Low Tide Time	143
D7	05 Nov 2025	Comments	Water clear; Trash-1; Algae
D7	13 Nov 2025	Arrive Time	1016
D7	13 Nov 2025	Wind Speed (kts)	0.3
D7	13 Nov 2025	Wind Dir	S
D7	13 Nov 2025	Animal Life	
D7	13 Nov 2025	Floatables	
D7	13 Nov 2025	Current Direction	S
D7	13 Nov 2025	Water Temp (C)	16.6
D7	13 Nov 2025	High Tide Time	459
D7	13 Nov 2025	Low Tide Time	1057
D7	13 Nov 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae; Person/Walker/Jogger-3
D7	19 Nov 2025	Arrive Time	836
D7	19 Nov 2025	Wind Speed (kts)	0
D7	19 Nov 2025	Wind Dir	XX

Station	Date	Parameter	Value
D7	19 Nov 2025	Animal Life	
D7	19 Nov 2025	Floatables	
D7	19 Nov 2025	Current Direction	NE
D7	19 Nov 2025	Water Temp (C)	15.8
D7	19 Nov 2025	High Tide Time	735
D7	19 Nov 2025	Low Tide Time	123
D7	19 Nov 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Debris
D7	24 Nov 2025	Arrive Time	1022
D7	24 Nov 2025	Wind Speed (kts)	3.7
D7	24 Nov 2025	Wind Dir	NW
D7	24 Nov 2025	Animal Life	
D7	24 Nov 2025	Floatables	
D7	24 Nov 2025	Current Direction	S
D7	24 Nov 2025	Water Temp (C)	16.8
D7	24 Nov 2025	High Tide Time	7
D7	24 Nov 2025	Low Tide Time	326
D7	24 Nov 2025	Comments	Water clear; Surfer/Paddle boarder-7; Trash-1; Kelp;Seagrass;Algae
D8	05 Nov 2025	Arrive Time	848
D8	05 Nov 2025	Wind Speed (kts)	0
D8	05 Nov 2025	Wind Dir	XX
D8	05 Nov 2025	Animal Life	
D8	05 Nov 2025	Floatables	
D8	05 Nov 2025	Current Direction	S
D8	05 Nov 2025	Water Temp (C)	16.4
D8	05 Nov 2025	High Tide Time	752
D8	05 Nov 2025	Low Tide Time	143
D8	05 Nov 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D8	13 Nov 2025	Arrive Time	1000
D8	13 Nov 2025	Wind Speed (kts)	2.3
D8	13 Nov 2025	Wind Dir	S
D8	13 Nov 2025	Animal Life	
D8	13 Nov 2025	Floatables	
D8	13 Nov 2025	Current Direction	S
D8	13 Nov 2025	Water Temp (C)	16.6
D8	13 Nov 2025	High Tide Time	459
D8	13 Nov 2025	Low Tide Time	1057
D8	13 Nov 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris
D8	19 Nov 2025	Arrive Time	822
D8	19 Nov 2025	Wind Speed (kts)	1.3
D8	19 Nov 2025	Wind Dir	SW
D8	19 Nov 2025	Animal Life	
D8	19 Nov 2025	Floatables	
D8	19 Nov 2025	Current Direction	NE
D8	19 Nov 2025	Water Temp (C)	14.9
D8	19 Nov 2025	High Tide Time	735
D8	19 Nov 2025	Low Tide Time	123
D8	19 Nov 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Debris;Algae
D8	24 Nov 2025	Arrive Time	948
D8	24 Nov 2025	Wind Speed (kts)	0
D8	24 Nov 2025	Wind Dir	XX
D8	24 Nov 2025	Animal Life	
D8	24 Nov 2025	Floatables	
D8	24 Nov 2025	Current Direction	S
D8	24 Nov 2025	Water Temp (C)	16.6
D8	24 Nov 2025	High Tide Time	7

Station	Date	Parameter	Value
D8	24 Nov 2025	Low Tide Time	326
D8	24 Nov 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D9	05 Nov 2025	Arrive Time	835
D9	05 Nov 2025	Wind Speed (kts)	0
D9	05 Nov 2025	Wind Dir	XX
D9	05 Nov 2025	Animal Life	
D9	05 Nov 2025	Floatables	
D9	05 Nov 2025	Current Direction	S
D9	05 Nov 2025	Water Temp (C)	17
D9	05 Nov 2025	High Tide Time	752
D9	05 Nov 2025	Low Tide Time	143
D9	05 Nov 2025	Comments	Water clear; Trash-1; Algae
D9	13 Nov 2025	Arrive Time	942
D9	13 Nov 2025	Wind Speed (kts)	3.6
D9	13 Nov 2025	Wind Dir	S
D9	13 Nov 2025	Animal Life	Dog-1;
D9	13 Nov 2025	Floatables	
D9	13 Nov 2025	Current Direction	S
D9	13 Nov 2025	Water Temp (C)	16.6
D9	13 Nov 2025	High Tide Time	459
D9	13 Nov 2025	Low Tide Time	1057
D9	13 Nov 2025	Comments	Water clear; Trash-2; Kelp;Algae;Debris; Person/Walker/Jogger-2
D9	19 Nov 2025	Arrive Time	807
D9	19 Nov 2025	Wind Speed (kts)	0
D9	19 Nov 2025	Wind Dir	XX
D9	19 Nov 2025	Animal Life	
D9	19 Nov 2025	Floatables	
D9	19 Nov 2025	Current Direction	NE
D9	19 Nov 2025	Water Temp (C)	14.6
D9	19 Nov 2025	High Tide Time	735
D9	19 Nov 2025	Low Tide Time	123
D9	19 Nov 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris
D9	24 Nov 2025	Arrive Time	933
D9	24 Nov 2025	Wind Speed (kts)	2.5
D9	24 Nov 2025	Wind Dir	NW
D9	24 Nov 2025	Animal Life	
D9	24 Nov 2025	Floatables	
D9	24 Nov 2025	Current Direction	S
D9	24 Nov 2025	Water Temp (C)	16.5
D9	24 Nov 2025	High Tide Time	7
D9	24 Nov 2025	Low Tide Time	326
D9	24 Nov 2025	Comments	Water clear; Surfer/Paddle boarder-3; Trash-1; Kelp;Seagrass;Algae
D10	05 Nov 2025	Arrive Time	823
D10	05 Nov 2025	Wind Speed (kts)	1.3
D10	05 Nov 2025	Wind Dir	SE
D10	05 Nov 2025	Animal Life	
D10	05 Nov 2025	Floatables	
D10	05 Nov 2025	Current Direction	S
D10	05 Nov 2025	Water Temp (C)	17
D10	05 Nov 2025	High Tide Time	752
D10	05 Nov 2025	Low Tide Time	143
D10	05 Nov 2025	Comments	Water clear; Trash-4; Kelp;Seagrass;Algae;Debris
D10	13 Nov 2025	Arrive Time	925

Station	Date	Parameter	Value
D10	13 Nov 2025	Wind Speed (kts)	4.4
D10	13 Nov 2025	Wind Dir	S
D10	13 Nov 2025	Animal Life	
D10	13 Nov 2025	Floatables	
D10	13 Nov 2025	Current Direction	S
D10	13 Nov 2025	Water Temp (C)	15.8
D10	13 Nov 2025	High Tide Time	459
D10	13 Nov 2025	Low Tide Time	1057
D10	13 Nov 2025	Comments	Water clear; Surfer/Paddle boarder-9; Trash-2; Kelp;Seagrass;Debris
D10	19 Nov 2025	Arrive Time	750
D10	19 Nov 2025	Wind Speed (kts)	0
D10	19 Nov 2025	Wind Dir	XX
D10	19 Nov 2025	Animal Life	
D10	19 Nov 2025	Floatables	
D10	19 Nov 2025	Current Direction	NE
D10	19 Nov 2025	Water Temp (C)	15.8
D10	19 Nov 2025	High Tide Time	735
D10	19 Nov 2025	Low Tide Time	123
D10	19 Nov 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Debris
D10	24 Nov 2025	Arrive Time	916
D10	24 Nov 2025	Wind Speed (kts)	2.9
D10	24 Nov 2025	Wind Dir	NW
D10	24 Nov 2025	Animal Life	
D10	24 Nov 2025	Floatables	
D10	24 Nov 2025	Current Direction	S
D10	24 Nov 2025	Water Temp (C)	16.2
D10	24 Nov 2025	High Tide Time	7
D10	24 Nov 2025	Low Tide Time	326
D10	24 Nov 2025	Comments	Water clear; Surfer/Paddle boarder-2; Trash-2; Kelp;Seagrass; Person/Walker/Jogger-4
D11	05 Nov 2025	Arrive Time	807
D11	05 Nov 2025	Wind Speed (kts)	1.3
D11	05 Nov 2025	Wind Dir	E
D11	05 Nov 2025	Animal Life	
D11	05 Nov 2025	Floatables	
D11	05 Nov 2025	Current Direction	S
D11	05 Nov 2025	Water Temp (C)	16.2
D11	05 Nov 2025	High Tide Time	752
D11	05 Nov 2025	Low Tide Time	143
D11	05 Nov 2025	Comments	Water clear; Surfer/Paddle boarder-3; Trash-2; Kelp;Seagrass;Algae;Debris
D11	13 Nov 2025	Arrive Time	910
D11	13 Nov 2025	Wind Speed (kts)	2.7
D11	13 Nov 2025	Wind Dir	SW
D11	13 Nov 2025	Animal Life	
D11	13 Nov 2025	Floatables	
D11	13 Nov 2025	Current Direction	S
D11	13 Nov 2025	Water Temp (C)	16
D11	13 Nov 2025	High Tide Time	459
D11	13 Nov 2025	Low Tide Time	1057
D11	13 Nov 2025	Comments	Water clear; Surfer/Paddle boarder-6; Trash-1; Algae;Debris; Person/Walker/Jogger-3
D11	19 Nov 2025	Arrive Time	739
D11	19 Nov 2025	Wind Speed (kts)	0
D11	19 Nov 2025	Wind Dir	XX

Station	Date	Parameter	Value
D11	19 Nov 2025	Animal Life	Dog-1;
D11	19 Nov 2025	Floatables	
D11	19 Nov 2025	Current Direction	NE
D11	19 Nov 2025	Water Temp (C)	16
D11	19 Nov 2025	High Tide Time	735
D11	19 Nov 2025	Low Tide Time	123
D11	19 Nov 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris
D11	24 Nov 2025	Arrive Time	904
D11	24 Nov 2025	Wind Speed (kts)	0
D11	24 Nov 2025	Wind Dir	XX
D11	24 Nov 2025	Animal Life	
D11	24 Nov 2025	Floatables	
D11	24 Nov 2025	Current Direction	S
D11	24 Nov 2025	Water Temp (C)	15.9
D11	24 Nov 2025	High Tide Time	7
D11	24 Nov 2025	Low Tide Time	326
D11	24 Nov 2025	Comments	Water clear; Surfer/Paddle boarder-5; Trash-2; Kelp;Seagrass;Algae; Person/Walker/Jogger-6
D12	05 Nov 2025	Arrive Time	738
D12	05 Nov 2025	Wind Speed (kts)	3.3
D12	05 Nov 2025	Wind Dir	SE
D12	05 Nov 2025	Animal Life	
D12	05 Nov 2025	Floatables	
D12	05 Nov 2025	Current Direction	S
D12	05 Nov 2025	Water Temp (C)	17.1
D12	05 Nov 2025	High Tide Time	752
D12	05 Nov 2025	Low Tide Time	143
D12	05 Nov 2025	Comments	Water clear; Trash-3; Kelp;Seagrass;Debris
D12	13 Nov 2025	Arrive Time	838
D12	13 Nov 2025	Wind Speed (kts)	1.7
D12	13 Nov 2025	Wind Dir	NE
D12	13 Nov 2025	Animal Life	Bird-6;
D12	13 Nov 2025	Floatables	
D12	13 Nov 2025	Current Direction	S
D12	13 Nov 2025	Water Temp (C)	16.6
D12	13 Nov 2025	High Tide Time	459
D12	13 Nov 2025	Low Tide Time	1057
D12	13 Nov 2025	Comments	Water clear; Surfer/Paddle boarder-1; Trash-1; Seagrass;Algae;Debris; Person/Walker/Jogger-2
D12	19 Nov 2025	Arrive Time	720
D12	19 Nov 2025	Wind Speed (kts)	0
D12	19 Nov 2025	Wind Dir	XX
D12	19 Nov 2025	Animal Life	
D12	19 Nov 2025	Floatables	
D12	19 Nov 2025	Current Direction	NE
D12	19 Nov 2025	Water Temp (C)	14.4
D12	19 Nov 2025	High Tide Time	735
D12	19 Nov 2025	Low Tide Time	123
D12	19 Nov 2025	Comments	Water clear; Fisherperson-1; Trash-1; Kelp;Seagrass;Debris
D12	24 Nov 2025	Arrive Time	842
D12	24 Nov 2025	Wind Speed (kts)	3.8
D12	24 Nov 2025	Wind Dir	NW
D12	24 Nov 2025	Animal Life	
D12	24 Nov 2025	Floatables	
D12	24 Nov 2025	Current Direction	S
D12	24 Nov 2025	Water Temp (C)	16

Station	Date	Parameter	Value
D12	24 Nov 2025	High Tide Time	7
D12	24 Nov 2025	Low Tide Time	326
D12	24 Nov 2025	Comments	Water clear; Boogie boarder/Swimmer-1; Surfer/Paddle boarder-5; Trash-2; Kelp;Seagrass

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Kelp Stations

Table 3.1

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Nov 2025	*2	*4	*6	*2	*2	*2	*2	*2
02 Nov 2025	*2	*4	*6	*2	*2	*2	*2	*2
03 Nov 2025	2	4	5	2	2	2	2	2
04 Nov 2025	2	4	5	2	2	2	2	2
05 Nov 2025	2	4	5	2	2	2	2	2
06 Nov 2025	*2	*3	*3	*2	*2	*2	*2	*2
07 Nov 2025	*2	*3	*3	*2	*2	*2	*2	*2
08 Nov 2025	*2	*3	*3	*2	*2	*2	*2	*2
09 Nov 2025	*2	*3	*3	*2	*2	*2	*2	*2
10 Nov 2025	2	3	2	2	2	2	2	2
11 Nov 2025	2	3	2	2	2	2	2	2
12 Nov 2025	2	3	2	2	2	2	2	2
13 Nov 2025	2	3	2	2	2	2	2	2
14 Nov 2025	*2	*2	*2	*2	*2	*2	*2	*2
15 Nov 2025	*2	*2	*2	*2	*2	*2	*2	*2
16 Nov 2025	*2	*2	*2	*2	*2	*2	*2	*2
17 Nov 2025	2	2	2	2	3	2	2	2
18 Nov 2025	2	2	2	2	3	2	2	2
19 Nov 2025	2	2	2	2	3	2	2	2
20 Nov 2025	*2	*2	*2	*2	*3	*2	*2	*2
21 Nov 2025	*2	*2	*2	*2	*3	*2	*2	*2
22 Nov 2025	*2	*2	*2	*2	*3	*2	*2	*2
23 Nov 2025	*2	*2	*2	*2	*3	*2	*2	*2
24 Nov 2025	*2	*2	*2	*2	*3	*2	*2	*2
25 Nov 2025	2	2	3	2	3	2	2	2
26 Nov 2025	*2	*3	*3	*2	*4	*2	*2	*2
27 Nov 2025	*2	*3	*3	*2	*4	*2	*2	*2
28 Nov 2025	*2	*3	*3	*2	*4	*2	*2	*2
29 Nov 2025	*2	*3	*3	*2	*4	*2	*2	*2
30 Nov 2025	*2	*3	*3	*2	*4	*2	*2	*2

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

* Geometric mean calculated using n<5

Table 3.4

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
03 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC
10 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC
17 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC
25 Nov 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 Nov 2025	*6	*12	*31	*4	*7	*4	*7	*9
02 Nov 2025	*6	*12	*31	*4	*7	*4	*7	*9
03 Nov 2025	5	9	18	3	7	3	5	7
04 Nov 2025	5	9	18	3	7	3	5	7
05 Nov 2025	5	9	18	3	7	3	5	7
06 Nov 2025	*4	*7	*8	*3	*10	*3	*5	*6
07 Nov 2025	*4	*7	*8	*3	*10	*3	*5	*6
08 Nov 2025	*4	*7	*8	*3	*10	*3	*5	*6
09 Nov 2025	*4	*7	*8	*3	*10	*3	*5	*6
10 Nov 2025	4	9	13	3	7	3	6	5
11 Nov 2025	4	9	13	3	7	3	6	5
12 Nov 2025	4	9	13	3	7	3	6	5
13 Nov 2025	4	9	13	3	7	3	6	5
14 Nov 2025	*4	*8	*9	*3	*5	*3	*7	*3
15 Nov 2025	*4	*8	*9	*3	*5	*3	*7	*3
16 Nov 2025	*4	*8	*9	*3	*5	*3	*7	*3
17 Nov 2025	4	6	8	3	10	3	6	3
18 Nov 2025	4	6	8	3	10	3	6	3
19 Nov 2025	4	6	8	3	10	3	6	3
20 Nov 2025	*4	*5	*8	*3	*13	*3	*7	*4
21 Nov 2025	*4	*5	*8	*3	*13	*3	*7	*4
22 Nov 2025	*4	*5	*8	*3	*13	*3	*7	*4
23 Nov 2025	*4	*5	*8	*3	*13	*3	*7	*4
24 Nov 2025	*4	*5	*8	*3	*13	*3	*7	*4
25 Nov 2025	4	7	13	3	13	4	8	5
26 Nov 2025	*4	*6	*15	*3	*13	*3	*5	*5
27 Nov 2025	*4	*6	*15	*3	*13	*3	*5	*5
28 Nov 2025	*4	*6	*15	*3	*13	*3	*5	*5
29 Nov 2025	*4	*6	*15	*3	*13	*3	*5	*5
30 Nov 2025	*4	*6	*15	*3	*13	*3	*5	*5

- 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 10^4 CFU/100 mL.

Date	A1	A6	A7	C4	C5	C6	C7	C8
03 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC
10 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC
17 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC
25 Nov 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 Nov 2025	IC	IC	IC	ns	IC	IC	IC	IC
10 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC
17 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC
25 Nov 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 Nov 2025	739	1	2e	<2	<2
A1	03 Nov 2025	739	12	2e	<2	<2
A1	03 Nov 2025	739	18	2e	<2	2e
A1	10 Nov 2025	750	1	<20	<2	<2
A1	10 Nov 2025	750	12	<2	<2	<2
A1	10 Nov 2025	750	18	<2	<2	<2
A1	17 Nov 2025	730	1	<2	<2	<2
A1	17 Nov 2025	730	12	4e	2e	<2
A1	17 Nov 2025	730	18	10e	<2	<2
A1	25 Nov 2025	754	1	2e	<2	<2
A1	25 Nov 2025	754	12	4e	<2	<2
A1	25 Nov 2025	754	18	<2	2e	<2
A6	03 Nov 2025	808	1	<2	<2	<2
A6	03 Nov 2025	808	12	2e	2e	<2
A6	03 Nov 2025	808	18	2e	<2	<2
A6	10 Nov 2025	812	1	2e	<2	<2
A6	10 Nov 2025	812	12	12e	2e	<2
A6	10 Nov 2025	812	18	54	2e	<2
A6	17 Nov 2025	757	1	2e	<2	<2
A6	17 Nov 2025	757	12	2e	<2	<2
A6	17 Nov 2025	757	18	<2	<2	4e
A6	25 Nov 2025	818	1	<2	<2	<2
A6	25 Nov 2025	818	12	52	14e	2e
A6	25 Nov 2025	818	18	4e	<2	<2
A7	03 Nov 2025	753	1	<2	<2	<2
A7	03 Nov 2025	753	12	2e	<2	<2
A7	03 Nov 2025	753	18	2e	<2	<2
A7	10 Nov 2025	800	1	20e	<2	<2
A7	10 Nov 2025	800	12	<2	<2	<2
A7	10 Nov 2025	800	18	<200	<2	<2
A7	17 Nov 2025	743	1	4e	<2	<2
A7	17 Nov 2025	743	12	4e	<2	<2
A7	17 Nov 2025	743	18	<2	<2	<2
A7	25 Nov 2025	807	1	2e	<2	<2
A7	25 Nov 2025	807	12	2e	<2	<2
A7	25 Nov 2025	807	18	280e	26e	<2
C4	03 Nov 2025	911	1	2e	<2	<2
C4	03 Nov 2025	911	3	<2	<2	<2
C4	03 Nov 2025	911	9	<2	<2	<2

Station	Date	Time	Depth	Total	Fecal	Entero
C4	10 Nov 2025	917	1	<2	<2	<2
C4	10 Nov 2025	917	3	<2	<2	<2
C4	10 Nov 2025	917	9	<2	<2	<2
C4	17 Nov 2025	850	1	2e	4e	<2
C4	17 Nov 2025	850	3	<2	<2	<2
C4	17 Nov 2025	850	9	4e	<2	<2
C4	25 Nov 2025	928	1	<2	2e	<2
C4	25 Nov 2025	928	3	<2	<2	<2
C4	25 Nov 2025	928	9	8e	<2	<2
C5	03 Nov 2025	901	1	4e	<2	<2
C5	03 Nov 2025	901	3	2e	<2	<2
C5	03 Nov 2025	901	9	<20	<2	<2
C5	10 Nov 2025	908	1	<2	<2	<2
C5	10 Nov 2025	908	3	<2	<2	<2
C5	10 Nov 2025	908	9	2e	<2	<2
C5	17 Nov 2025	841	1	160e	32e	22e
C5	17 Nov 2025	841	3	140e	20e	12e
C5	17 Nov 2025	841	9	<20	4e	4e
C5	25 Nov 2025	919	1	4e	2e	<2
C5	25 Nov 2025	919	3	<2	4e	<2
C5	25 Nov 2025	919	9	40e	<2	<2
C6	03 Nov 2025	850	1	2e	<2	<2
C6	03 Nov 2025	850	3	<2	<2	<2
C6	03 Nov 2025	850	9	<2	<2	<2
C6	10 Nov 2025	857	1	4e	<2	<2
C6	10 Nov 2025	857	3	2e	<2	<2
C6	10 Nov 2025	857	9	2e	<2	<2
C6	17 Nov 2025	832	1	2e	<2	<2
C6	17 Nov 2025	832	3	2e	<2	<2
C6	17 Nov 2025	832	9	2e	<2	<2
C6	25 Nov 2025	910	1	2e	<2	<2
C6	25 Nov 2025	910	3	2e	<2	<2
C6	25 Nov 2025	910	9	<20	<2	<2
C7	03 Nov 2025	821	1	<2	<2	<2
C7	03 Nov 2025	821	12	<2	<2	2e
C7	03 Nov 2025	821	18	2e	2e	<2
C7	10 Nov 2025	830	1	<2	<2	<2
C7	10 Nov 2025	830	12	<2	<2	<2
C7	10 Nov 2025	830	18	30e	4e	<2
C7	17 Nov 2025	807	1	4e	<2	<2
C7	17 Nov 2025	807	12	2e	2e	<2
C7	17 Nov 2025	807	18	2e	<2	<2
C7	25 Nov 2025	833	1	30e	4e	2e
C7	25 Nov 2025	833	12	<2	<2	<2
C7	25 Nov 2025	833	18	<2	<2	<2

Station	Date	Time	Depth	Total	Fecal	Entero
C8	03 Nov 2025	832	1	2e	2e	<2
C8	03 Nov 2025	832	12	<2	<2	<2
C8	03 Nov 2025	832	18	4e	<2	<2
C8	10 Nov 2025	841	1	<2	<2	<2
C8	10 Nov 2025	841	12	4e	2e	<2
C8	10 Nov 2025	841	18	8e	<2	<2
C8	17 Nov 2025	817	1	6e	<2	<2
C8	17 Nov 2025	817	12	2e	<2	<2
C8	17 Nov 2025	817	18	2e	2e	<2
C8	25 Nov 2025	852	1	4e	<2	<2
C8	25 Nov 2025	852	12	6e	2e	<2
C8	25 Nov 2025	852	18	20e	2e	<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 Nov 2025	Arrive Time	739
A1	03 Nov 2025	Depart Time	747
A1	03 Nov 2025	Air Temp (C)	17.5
A1	03 Nov 2025	Visibility (mi)	4
A1	03 Nov 2025	Wind Speed (kts)	2.2
A1	03 Nov 2025	Wind Dir	NW
A1	03 Nov 2025	Sea State	Calm
A1	03 Nov 2025	High Tide Time	654
A1	03 Nov 2025	Low Tide Time	1324
A1	03 Nov 2025	Comments	
A1	10 Nov 2025	Arrive Time	750
A1	10 Nov 2025	Depart Time	800
A1	10 Nov 2025	Air Temp (C)	14.8
A1	10 Nov 2025	Visibility (mi)	0.5
A1	10 Nov 2025	Wind Speed (kts)	1.8
A1	10 Nov 2025	Wind Dir	NW
A1	10 Nov 2025	Sea State	Calm
A1	10 Nov 2025	High Tide Time	1206
A1	10 Nov 2025	Low Tide Time	1954
A1	10 Nov 2025	Comments	kelp
A1	17 Nov 2025	Arrive Time	725
A1	17 Nov 2025	Depart Time	730
A1	17 Nov 2025	Air Temp (C)	15.3
A1	17 Nov 2025	Visibility (mi)	10
A1	17 Nov 2025	Wind Speed (kts)	5.7
A1	17 Nov 2025	Wind Dir	E
A1	17 Nov 2025	Sea State	Light Chop
A1	17 Nov 2025	High Tide Time	654
A1	17 Nov 2025	Low Tide Time	1342
A1	17 Nov 2025	Comments	Kelp; Lobster Floats
A1	25 Nov 2025	Arrive Time	754
A1	25 Nov 2025	Depart Time	801
A1	25 Nov 2025	Air Temp (C)	15.7
A1	25 Nov 2025	Visibility (mi)	10
A1	25 Nov 2025	Wind Speed (kts)	6.2
A1	25 Nov 2025	Wind Dir	SW
A1	25 Nov 2025	Sea State	Calm
A1	25 Nov 2025	High Tide Time	1048
A1	25 Nov 2025	Low Tide Time	1854
A1	25 Nov 2025	Comments	
C4	03 Nov 2025	Arrive Time	911
C4	03 Nov 2025	Depart Time	918
C4	03 Nov 2025	Air Temp (C)	18.4
C4	03 Nov 2025	Visibility (mi)	4
C4	03 Nov 2025	Wind Speed (kts)	1.3
C4	03 Nov 2025	Wind Dir	N
C4	03 Nov 2025	Sea State	Calm
C4	03 Nov 2025	High Tide Time	654
C4	03 Nov 2025	Low Tide Time	1324
C4	03 Nov 2025	Comments	
C4	10 Nov 2025	Arrive Time	917

Station	Date	Parameter	Value
C4	10 Nov 2025	Depart Time	922
C4	10 Nov 2025	Air Temp (C)	15.4
C4	10 Nov 2025	Visibility (mi)	0.5
C4	10 Nov 2025	Wind Speed (kts)	3.9
C4	10 Nov 2025	Wind Dir	NW
C4	10 Nov 2025	Sea State	Calm
C4	10 Nov 2025	High Tide Time	1206
C4	10 Nov 2025	Low Tide Time	1954
C4	10 Nov 2025	Comments	
C4	17 Nov 2025	Arrive Time	846
C4	17 Nov 2025	Depart Time	850
C4	17 Nov 2025	Air Temp (C)	15.9
C4	17 Nov 2025	Visibility (mi)	10
C4	17 Nov 2025	Wind Speed (kts)	5.5
C4	17 Nov 2025	Wind Dir	E
C4	17 Nov 2025	Sea State	Regular Swell
C4	17 Nov 2025	High Tide Time	654
C4	17 Nov 2025	Low Tide Time	1342
C4	17 Nov 2025	Comments	Kelp Debris
C4	25 Nov 2025	Arrive Time	928
C4	25 Nov 2025	Depart Time	942
C4	25 Nov 2025	Air Temp (C)	16.8
C4	25 Nov 2025	Visibility (mi)	10
C4	25 Nov 2025	Wind Speed (kts)	2
C4	25 Nov 2025	Wind Dir	E
C4	25 Nov 2025	Sea State	Calm
C4	25 Nov 2025	High Tide Time	1048
C4	25 Nov 2025	Low Tide Time	1854
C4	25 Nov 2025	Comments	use second cast finish at 941
A7	03 Nov 2025	Arrive Time	753
A7	03 Nov 2025	Depart Time	759
A7	03 Nov 2025	Air Temp (C)	17.6
A7	03 Nov 2025	Visibility (mi)	4
A7	03 Nov 2025	Wind Speed (kts)	0.4
A7	03 Nov 2025	Wind Dir	NW
A7	03 Nov 2025	Sea State	Calm
A7	03 Nov 2025	High Tide Time	654
A7	03 Nov 2025	Low Tide Time	1324
A7	03 Nov 2025	Comments	
A7	10 Nov 2025	Arrive Time	800
A7	10 Nov 2025	Depart Time	807
A7	10 Nov 2025	Air Temp (C)	15.1
A7	10 Nov 2025	Visibility (mi)	0.5
A7	10 Nov 2025	Wind Speed (kts)	0
A7	10 Nov 2025	Wind Dir	NW
A7	10 Nov 2025	Sea State	Calm
A7	10 Nov 2025	High Tide Time	1206
A7	10 Nov 2025	Low Tide Time	1954
A7	10 Nov 2025	Comments	
A7	17 Nov 2025	Arrive Time	736
A7	17 Nov 2025	Depart Time	743
A7	17 Nov 2025	Air Temp (C)	15.4
A7	17 Nov 2025	Visibility (mi)	10
A7	17 Nov 2025	Wind Speed (kts)	4.7
A7	17 Nov 2025	Wind Dir	NE
A7	17 Nov 2025	Sea State	Light Chop

Station	Date	Parameter	Value
A7	17 Nov 2025	High Tide Time	654
A7	17 Nov 2025	Low Tide Time	1342
A7	17 Nov 2025	Comments	Kelp Debris; Lobster Floats
A7	25 Nov 2025	Arrive Time	807
A7	25 Nov 2025	Depart Time	813
A7	25 Nov 2025	Air Temp (C)	15.8
A7	25 Nov 2025	Visibility (mi)	10
A7	25 Nov 2025	Wind Speed (kts)	6.3
A7	25 Nov 2025	Wind Dir	N
A7	25 Nov 2025	Sea State	Calm
A7	25 Nov 2025	High Tide Time	1048
A7	25 Nov 2025	Low Tide Time	1854
A7	25 Nov 2025	Comments	
C5	03 Nov 2025	Arrive Time	901
C5	03 Nov 2025	Depart Time	905
C5	03 Nov 2025	Air Temp (C)	18.1
C5	03 Nov 2025	Visibility (mi)	4
C5	03 Nov 2025	Wind Speed (kts)	0
C5	03 Nov 2025	Wind Dir	NW
C5	03 Nov 2025	Sea State	Calm
C5	03 Nov 2025	High Tide Time	654
C5	03 Nov 2025	Low Tide Time	1324
C5	03 Nov 2025	Comments	
C5	10 Nov 2025	Arrive Time	908
C5	10 Nov 2025	Depart Time	913
C5	10 Nov 2025	Air Temp (C)	15.3
C5	10 Nov 2025	Visibility (mi)	0.5
C5	10 Nov 2025	Wind Speed (kts)	0.7
C5	10 Nov 2025	Wind Dir	W
C5	10 Nov 2025	Sea State	Calm
C5	10 Nov 2025	High Tide Time	1206
C5	10 Nov 2025	Low Tide Time	1954
C5	10 Nov 2025	Comments	
C5	17 Nov 2025	Arrive Time	837
C5	17 Nov 2025	Depart Time	841
C5	17 Nov 2025	Air Temp (C)	16.5
C5	17 Nov 2025	Visibility (mi)	10
C5	17 Nov 2025	Wind Speed (kts)	2
C5	17 Nov 2025	Wind Dir	N
C5	17 Nov 2025	Sea State	Regular Swell
C5	17 Nov 2025	High Tide Time	654
C5	17 Nov 2025	Low Tide Time	1342
C5	17 Nov 2025	Comments	Kelp Debris; Lobster Floats
C5	25 Nov 2025	Arrive Time	919
C5	25 Nov 2025	Depart Time	923
C5	25 Nov 2025	Air Temp (C)	16.5
C5	25 Nov 2025	Visibility (mi)	10
C5	25 Nov 2025	Wind Speed (kts)	4.7
C5	25 Nov 2025	Wind Dir	S
C5	25 Nov 2025	Sea State	Calm
C5	25 Nov 2025	High Tide Time	1048
C5	25 Nov 2025	Low Tide Time	1854
C5	25 Nov 2025	Comments	
A6	03 Nov 2025	Arrive Time	808
A6	03 Nov 2025	Depart Time	812

Station	Date	Parameter	Value
A6	03 Nov 2025	Air Temp (C)	17.8
A6	03 Nov 2025	Visibility (mi)	4
A6	03 Nov 2025	Wind Speed (kts)	1.9
A6	03 Nov 2025	Wind Dir	NE
A6	03 Nov 2025	Sea State	Calm
A6	03 Nov 2025	High Tide Time	654
A6	03 Nov 2025	Low Tide Time	1324
A6	03 Nov 2025	Comments	
A6	10 Nov 2025	Arrive Time	812
A6	10 Nov 2025	Depart Time	821
A6	10 Nov 2025	Air Temp (C)	15.4
A6	10 Nov 2025	Visibility (mi)	0.5
A6	10 Nov 2025	Wind Speed (kts)	0.9
A6	10 Nov 2025	Wind Dir	SW
A6	10 Nov 2025	Sea State	Calm
A6	10 Nov 2025	High Tide Time	1206
A6	10 Nov 2025	Low Tide Time	1954
A6	10 Nov 2025	Comments	recast; missed surface bottle; use 2
A6	17 Nov 2025	Arrive Time	749
A6	17 Nov 2025	Depart Time	757
A6	17 Nov 2025	Air Temp (C)	15.8
A6	17 Nov 2025	Visibility (mi)	10
A6	17 Nov 2025	Wind Speed (kts)	5.3
A6	17 Nov 2025	Wind Dir	E
A6	17 Nov 2025	Sea State	Light Chop
A6	17 Nov 2025	High Tide Time	654
A6	17 Nov 2025	Low Tide Time	1342
A6	17 Nov 2025	Comments	Kelp; Sewage-like Odor; Lobster Floats
A6	25 Nov 2025	Arrive Time	818
A6	25 Nov 2025	Depart Time	825
A6	25 Nov 2025	Air Temp (C)	16
A6	25 Nov 2025	Visibility (mi)	10
A6	25 Nov 2025	Wind Speed (kts)	9.5
A6	25 Nov 2025	Wind Dir	NW
A6	25 Nov 2025	Sea State	Calm
A6	25 Nov 2025	High Tide Time	1048
A6	25 Nov 2025	Low Tide Time	1854
A6	25 Nov 2025	Comments	
C6	03 Nov 2025	Arrive Time	850
C6	03 Nov 2025	Depart Time	856
C6	03 Nov 2025	Air Temp (C)	18.1
C6	03 Nov 2025	Visibility (mi)	4
C6	03 Nov 2025	Wind Speed (kts)	1
C6	03 Nov 2025	Wind Dir	SW
C6	03 Nov 2025	Sea State	Calm
C6	03 Nov 2025	High Tide Time	654
C6	03 Nov 2025	Low Tide Time	1324
C6	03 Nov 2025	Comments	
C6	10 Nov 2025	Arrive Time	857
C6	10 Nov 2025	Depart Time	902
C6	10 Nov 2025	Air Temp (C)	15.3
C6	10 Nov 2025	Visibility (mi)	0.5
C6	10 Nov 2025	Wind Speed (kts)	3.3
C6	10 Nov 2025	Wind Dir	NW
C6	10 Nov 2025	Sea State	Calm
C6	10 Nov 2025	High Tide Time	1206

Station	Date	Parameter	Value
C6	10 Nov 2025	Low Tide Time	1954
C6	10 Nov 2025	Comments	
C6	17 Nov 2025	Arrive Time	828
C6	17 Nov 2025	Depart Time	832
C6	17 Nov 2025	Air Temp (C)	16.7
C6	17 Nov 2025	Visibility (mi)	10
C6	17 Nov 2025	Wind Speed (kts)	0
C6	17 Nov 2025	Wind Dir	S
C6	17 Nov 2025	Sea State	Regular Swell
C6	17 Nov 2025	High Tide Time	654
C6	17 Nov 2025	Low Tide Time	1342
C6	17 Nov 2025	Comments	Lobster Floats
C6	25 Nov 2025	Arrive Time	910
C6	25 Nov 2025	Depart Time	915
C6	25 Nov 2025	Air Temp (C)	16.4
C6	25 Nov 2025	Visibility (mi)	10
C6	25 Nov 2025	Wind Speed (kts)	5.2
C6	25 Nov 2025	Wind Dir	W
C6	25 Nov 2025	Sea State	Calm
C6	25 Nov 2025	High Tide Time	1048
C6	25 Nov 2025	Low Tide Time	1854
C6	25 Nov 2025	Comments	
C7	03 Nov 2025	Arrive Time	821
C7	03 Nov 2025	Depart Time	825
C7	03 Nov 2025	Air Temp (C)	17.7
C7	03 Nov 2025	Visibility (mi)	4
C7	03 Nov 2025	Wind Speed (kts)	1.6
C7	03 Nov 2025	Wind Dir	N
C7	03 Nov 2025	Sea State	Calm
C7	03 Nov 2025	High Tide Time	654
C7	03 Nov 2025	Low Tide Time	1324
C7	03 Nov 2025	Comments	
C7	10 Nov 2025	Arrive Time	830
C7	10 Nov 2025	Depart Time	838
C7	10 Nov 2025	Air Temp (C)	15.2
C7	10 Nov 2025	Visibility (mi)	0.5
C7	10 Nov 2025	Wind Speed (kts)	6.3
C7	10 Nov 2025	Wind Dir	NE
C7	10 Nov 2025	Sea State	Calm
C7	10 Nov 2025	High Tide Time	1206
C7	10 Nov 2025	Low Tide Time	1954
C7	10 Nov 2025	Comments	
C7	17 Nov 2025	Arrive Time	803
C7	17 Nov 2025	Depart Time	807
C7	17 Nov 2025	Air Temp (C)	16.4
C7	17 Nov 2025	Visibility (mi)	10
C7	17 Nov 2025	Wind Speed (kts)	0
C7	17 Nov 2025	Wind Dir	W
C7	17 Nov 2025	Sea State	Regular Swell
C7	17 Nov 2025	High Tide Time	654
C7	17 Nov 2025	Low Tide Time	1342
C7	17 Nov 2025	Comments	Kelp Debris; Lobster Floats
C7	25 Nov 2025	Arrive Time	833
C7	25 Nov 2025	Depart Time	839
C7	25 Nov 2025	Air Temp (C)	16

Station	Date	Parameter	Value
C7	25 Nov 2025	Visibility (mi)	10
C7	25 Nov 2025	Wind Speed (kts)	6
C7	25 Nov 2025	Wind Dir	N
C7	25 Nov 2025	Sea State	Calm
C7	25 Nov 2025	High Tide Time	1048
C7	25 Nov 2025	Low Tide Time	1854
C7	25 Nov 2025	Comments	
C8	03 Nov 2025	Arrive Time	832
C8	03 Nov 2025	Depart Time	836
C8	03 Nov 2025	Air Temp (C)	17.9
C8	03 Nov 2025	Visibility (mi)	4
C8	03 Nov 2025	Wind Speed (kts)	0
C8	03 Nov 2025	Wind Dir	NE
C8	03 Nov 2025	Sea State	Calm
C8	03 Nov 2025	High Tide Time	654
C8	03 Nov 2025	Low Tide Time	1324
C8	03 Nov 2025	Comments	lobster boat closeby
C8	10 Nov 2025	Arrive Time	841
C8	10 Nov 2025	Depart Time	847
C8	10 Nov 2025	Air Temp (C)	15.3
C8	10 Nov 2025	Visibility (mi)	0.5
C8	10 Nov 2025	Wind Speed (kts)	3.1
C8	10 Nov 2025	Wind Dir	N
C8	10 Nov 2025	Sea State	Calm
C8	10 Nov 2025	High Tide Time	1206
C8	10 Nov 2025	Low Tide Time	1954
C8	10 Nov 2025	Comments	
C8	17 Nov 2025	Arrive Time	812
C8	17 Nov 2025	Depart Time	817
C8	17 Nov 2025	Air Temp (C)	16.1
C8	17 Nov 2025	Visibility (mi)	10
C8	17 Nov 2025	Wind Speed (kts)	1.3
C8	17 Nov 2025	Wind Dir	NW
C8	17 Nov 2025	Sea State	Regular Swell
C8	17 Nov 2025	High Tide Time	654
C8	17 Nov 2025	Low Tide Time	1342
C8	17 Nov 2025	Comments	Lobster Floats
C8	25 Nov 2025	Arrive Time	852
C8	25 Nov 2025	Depart Time	858
C8	25 Nov 2025	Air Temp (C)	16
C8	25 Nov 2025	Visibility (mi)	10
C8	25 Nov 2025	Wind Speed (kts)	6.2
C8	25 Nov 2025	Wind Dir	N
C8	25 Nov 2025	Sea State	Calm
C8	25 Nov 2025	High Tide Time	1048
C8	25 Nov 2025	Low Tide Time	1854
C8	25 Nov 2025	Comments	

Table 3.10

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

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A1	03 Nov 2025	1	17.63	86.78	8.2	33.33	8.0	24.1	2.08
A1	03 Nov 2025	2	17.63	86.09	8.2	33.33	8.0	24.1	2.06
A1	03 Nov 2025	3	17.60	86.07	8.2	33.33	8.0	24.1	2.14
A1	03 Nov 2025	4	17.59	86.41	8.2	33.33	8.0	24.1	2.17
A1	03 Nov 2025	5	17.57	86.72	8.2	33.33	8.0	24.1	2.16
A1	03 Nov 2025	6	17.52	86.14	8.2	33.33	8.0	24.1	2.13
A1	03 Nov 2025	7	17.51	86.40	8.1	33.33	8.0	24.1	2.10
A1	03 Nov 2025	8	17.51	86.78	8.1	33.33	8.0	24.1	2.09
A1	03 Nov 2025	9	17.43	86.73	8.1	33.33	8.0	24.1	2.13
A1	03 Nov 2025	10	17.35	87.18	8.1	33.32	8.0	24.1	2.17
A1	03 Nov 2025	11	17.12	88.26	8.0	33.32	8.0	24.2	2.03
A1	03 Nov 2025	12	17.06	88.97	8.0	33.32	8.0	24.2	1.90
A1	03 Nov 2025	13	16.83	89.73	7.8	33.31	8.0	24.3	1.81
A1	03 Nov 2025	14	16.51	90.36	7.7	33.31	8.0	24.3	1.56
A1	03 Nov 2025	15	15.92	90.60	7.4	33.29	8.0	24.5	1.30
A1	03 Nov 2025	16	15.38	91.02	7.2	33.30	7.9	24.6	1.01
A1	03 Nov 2025	17	15.16	91.54	7.1	33.29	7.9	24.6	0.87
A1	03 Nov 2025	18	14.99	91.41	7.0	33.29	7.9	24.7	0.78
A1	03 Nov 2025	19	14.88	91.51	7.0	33.28	7.9	24.7	0.73
A1	10 Nov 2025	1	16.25	89.91	8.0	33.33	8.0	24.4	1.74
A1	10 Nov 2025	2	16.26	89.83	8.0	33.33	8.0	24.4	1.74
A1	10 Nov 2025	3	16.17	89.77	7.9	33.33	8.0	24.4	1.80
A1	10 Nov 2025	4	15.85	89.93	7.8	33.33	8.0	24.5	1.64
A1	10 Nov 2025	5	15.61	90.90	7.7	33.33	8.0	24.5	1.52
A1	10 Nov 2025	6	15.36	91.80	7.7	33.32	8.0	24.6	1.43
A1	10 Nov 2025	7	15.16	92.00	7.6	33.32	8.0	24.6	1.38
A1	10 Nov 2025	8	14.98	92.37	7.6	33.31	8.0	24.7	3.75
A1	10 Nov 2025	9	14.96	92.47	7.5	33.32	8.0	24.7	NA
A1	10 Nov 2025	10	14.91	92.62	7.5	33.31	8.0	24.7	NA
A1	10 Nov 2025	11	14.67	92.63	7.3	33.32	8.0	24.7	NA
A1	10 Nov 2025	12	14.41	92.79	7.3	33.31	8.0	24.8	NA
A1	10 Nov 2025	13	14.20	92.95	7.3	33.31	8.0	24.8	NA
A1	10 Nov 2025	14	14.11	93.25	7.2	33.30	8.0	24.9	NA
A1	10 Nov 2025	15	14.07	93.64	7.2	33.31	8.0	24.9	NA
A1	10 Nov 2025	16	14.08	93.61	7.2	33.30	8.0	24.9	NA
A1	10 Nov 2025	17	14.07	93.58	7.2	33.31	8.0	24.9	NA
A1	10 Nov 2025	18	14.10	93.62	7.2	33.31	8.0	24.9	NA
A1	17 Nov 2025	1	16.50	93.29	8.1	33.21	8.1	24.3	1.17
A1	17 Nov 2025	2	16.51	93.48	8.1	33.21	8.1	24.3	1.18
A1	17 Nov 2025	3	16.52	91.17	8.1	33.21	8.1	24.3	1.23
A1	17 Nov 2025	4	16.52	93.38	8.1	33.21	8.1	24.3	1.24
A1	17 Nov 2025	5	16.52	93.70	8.1	33.21	8.1	24.3	1.23
A1	17 Nov 2025	6	16.52	93.65	8.1	33.21	8.1	24.3	1.16
A1	17 Nov 2025	7	16.51	93.42	8.1	33.21	8.1	24.3	1.18
A1	17 Nov 2025	8	16.51	93.43	8.1	33.21	8.1	24.3	1.16
A1	17 Nov 2025	9	16.51	93.42	8.1	33.21	8.1	24.3	1.13
A1	17 Nov 2025	10	16.51	93.33	8.1	33.21	8.1	24.3	1.14
A1	17 Nov 2025	11	16.51	93.43	8.1	33.21	8.1	24.3	1.14
A1	17 Nov 2025	12	16.51	93.25	8.1	33.21	8.1	24.3	1.20
A1	17 Nov 2025	13	16.51	93.44	8.1	33.21	8.1	24.3	1.17
A1	17 Nov 2025	14	16.51	93.35	8.1	33.21	8.1	24.3	1.29
A1	17 Nov 2025	15	16.51	89.07	8.1	33.21	8.1	24.3	1.21
A1	17 Nov 2025	16	16.51	85.78	8.1	33.21	8.1	24.3	1.17
A1	17 Nov 2025	17	16.51	87.96	8.1	33.21	8.1	24.3	1.15
A1	17 Nov 2025	18	16.51	90.80	8.1	33.21	8.1	24.3	1.32
A1	17 Nov 2025	19	16.51	92.39	8.1	33.20	8.1	24.2	1.19
A1	25 Nov 2025	1	17.17	92.80	7.7	33.22	8.0	24.1	0.83
A1	25 Nov 2025	2	17.17	92.57	7.7	33.22	8.0	24.1	0.84
A1	25 Nov 2025	3	17.17	92.43	7.7	33.22	8.0	24.1	0.88
A1	25 Nov 2025	4	17.18	92.73	7.7	33.22	8.0	24.1	0.91
A1	25 Nov 2025	5	17.18	92.67	7.7	33.22	8.0	24.1	0.96
A1	25 Nov 2025	6	17.17	92.71	7.7	33.22	8.0	24.1	1.01
A1	25 Nov 2025	7	17.18	92.90	7.7	33.22	8.0	24.1	NA
A1	25 Nov 2025	8	17.18	91.66	7.7	33.22	8.0	24.1	NA
A1	25 Nov 2025	9	17.17	89.13	7.7	33.22	8.0	24.1	NA

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A1	25 Nov 2025	10	17.16	90.14	7.6	33.22	8.0	24.1	NA
A1	25 Nov 2025	11	17.16	91.50	7.7	33.22	8.0	24.1	NA
A1	25 Nov 2025	12	17.14	92.35	7.7	33.22	8.0	24.1	NA
A1	25 Nov 2025	13	17.09	92.50	7.7	33.23	8.0	24.1	NA
A1	25 Nov 2025	14	17.07	92.59	7.7	33.23	8.0	24.1	NA
A1	25 Nov 2025	15	17.05	92.60	7.7	33.23	8.0	24.1	NA
A1	25 Nov 2025	16	17.02	92.59	7.7	33.23	8.0	24.1	NA
A1	25 Nov 2025	17	16.93	92.20	7.6	33.23	8.0	24.2	NA
A1	25 Nov 2025	18	16.74	91.30	7.6	33.24	8.0	24.2	NA
A1	25 Nov 2025	19	16.75	89.62	7.5	33.23	8.0	24.2	NA
C4	03 Nov 2025	1	17.93	87.20	8.2	33.35	8.0	24.0	1.32
C4	03 Nov 2025	2	17.92	87.08	8.2	33.35	8.0	24.0	1.39
C4	03 Nov 2025	3	17.84	86.88	8.2	33.35	8.0	24.0	1.63
C4	03 Nov 2025	4	17.80	86.16	8.1	33.35	8.0	24.1	1.88
C4	03 Nov 2025	5	17.73	86.15	8.0	33.34	8.0	24.1	1.77
C4	03 Nov 2025	6	17.37	86.78	7.7	33.33	8.0	24.1	1.46
C4	03 Nov 2025	7	16.73	87.53	7.4	33.32	8.0	24.3	1.33
C4	03 Nov 2025	8	16.60	87.07	7.0	33.31	8.0	24.3	1.14
C4	03 Nov 2025	9	16.52	80.62	6.7	33.32	7.9	24.3	0.85
C4	03 Nov 2025	10	16.28	63.41	6.4	33.31	7.9	24.4	0.76
C4	03 Nov 2025	11	15.92	52.69	6.3	33.31	7.9	24.5	0.66
C4	03 Nov 2025	12	15.81	38.65	6.4	33.30	7.9	24.5	0.64
C4	10 Nov 2025	1	16.51	83.37	8.1	33.33	8.0	24.3	1.26
C4	10 Nov 2025	2	16.52	83.33	8.1	33.33	8.0	24.3	1.19
C4	10 Nov 2025	3	16.49	83.27	8.0	33.33	8.0	24.4	1.29
C4	10 Nov 2025	4	16.46	82.84	8.0	33.33	8.0	24.4	1.90
C4	10 Nov 2025	5	16.42	82.20	7.8	33.33	8.0	24.4	2.33
C4	10 Nov 2025	6	16.26	81.40	7.7	33.34	8.0	24.4	2.01
C4	10 Nov 2025	7	15.96	82.23	7.5	33.33	8.0	24.5	1.37
C4	10 Nov 2025	8	15.72	86.56	6.8	33.34	8.0	24.5	1.20
C4	10 Nov 2025	9	15.37	88.58	5.9	33.34	7.9	24.6	0.93
C4	10 Nov 2025	10	15.15	87.52	5.3	33.34	7.8	24.7	0.40
C4	10 Nov 2025	11	15.12	83.66	5.0	33.33	7.8	24.7	0.32
C4	17 Nov 2025	1	16.50	92.62	8.2	33.21	8.1	24.3	1.03
C4	17 Nov 2025	2	16.50	92.70	8.2	33.21	8.1	24.3	1.10
C4	17 Nov 2025	3	16.50	92.57	8.2	33.21	8.1	24.3	1.04
C4	17 Nov 2025	4	16.50	92.36	8.2	33.21	8.1	24.3	1.05
C4	17 Nov 2025	5	16.49	92.45	8.2	33.21	8.1	24.3	1.14
C4	17 Nov 2025	6	16.49	92.65	8.2	33.21	8.1	24.3	1.22
C4	17 Nov 2025	7	16.49	92.44	8.1	33.21	8.1	24.3	1.28
C4	17 Nov 2025	8	16.48	92.66	8.1	33.21	8.1	24.3	1.25
C4	17 Nov 2025	9	16.48	92.71	8.1	33.21	8.1	24.3	1.15
C4	17 Nov 2025	10	16.47	92.62	8.1	33.21	8.1	24.3	1.06
C4	17 Nov 2025	11	16.47	92.53	8.1	33.21	8.1	24.3	1.12
C4	17 Nov 2025	12	16.46	92.61	8.1	33.21	8.1	24.3	1.02
C4	25 Nov 2025	1	17.35	83.99	6.8	33.21	8.0	24.1	0.26
C4	25 Nov 2025	2	17.35	84.01	6.7	33.20	8.0	24.1	0.28
C4	25 Nov 2025	3	17.29	83.50	6.7	33.21	8.0	24.1	0.40
C4	25 Nov 2025	4	17.27	82.40	6.6	33.21	8.0	24.1	0.46
C4	25 Nov 2025	5	17.26	80.93	6.7	33.20	8.0	24.1	0.49
C4	25 Nov 2025	6	17.24	80.53	6.7	33.20	8.0	24.1	0.50
C4	25 Nov 2025	7	17.22	80.01	6.8	33.20	8.0	24.1	0.48
C4	25 Nov 2025	8	17.21	79.25	6.7	33.19	8.0	24.1	0.48
C4	25 Nov 2025	9	17.20	77.97	6.7	33.19	8.0	24.1	0.49
C4	25 Nov 2025	10	17.19	77.66	6.6	33.19	8.0	24.1	0.48
C4	25 Nov 2025	11	17.19	72.99	6.5	33.19	8.0	24.1	0.49
C4	25 Nov 2025	12	17.19	66.86	6.5	33.19	7.9	24.1	1.50
C4	25 Nov 2025	13	17.19	64.04	6.5	33.19	7.9	24.1	7.97
A7	03 Nov 2025	1	17.69	89.57	8.4	33.34	8.0	24.1	2.18
A7	03 Nov 2025	2	17.65	89.54	8.3	33.34	8.0	24.1	2.20
A7	03 Nov 2025	3	17.53	89.60	8.3	33.33	8.0	24.1	2.28
A7	03 Nov 2025	4	17.44	89.39	8.2	33.33	8.0	24.1	2.34
A7	03 Nov 2025	5	17.08	89.38	8.2	33.30	8.0	24.2	2.26
A7	03 Nov 2025	6	16.61	89.71	8.3	33.30	8.0	24.3	2.05
A7	03 Nov 2025	7	16.45	90.35	8.2	33.29	8.0	24.3	1.86
A7	03 Nov 2025	8	16.26	91.02	8.2	33.29	8.0	24.4	1.90
A7	03 Nov 2025	9	16.20	91.49	8.1	33.29	8.0	24.4	1.88
A7	03 Nov 2025	10	16.07	91.58	8.2	33.28	8.0	24.4	1.88
A7	03 Nov 2025	11	15.95	91.64	8.1	33.27	8.0	24.4	2.06

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A7	03 Nov 2025	12	15.70	91.91	8.0	33.28	8.0	24.5	2.01
A7	03 Nov 2025	13	15.67	92.22	7.9	33.28	8.0	24.5	1.83
A7	03 Nov 2025	14	15.62	92.29	7.8	33.29	8.0	24.5	1.59
A7	03 Nov 2025	15	15.51	92.32	7.6	33.29	8.0	24.5	1.43
A7	03 Nov 2025	16	15.24	92.18	7.4	33.29	8.0	24.6	1.25
A7	03 Nov 2025	17	15.19	92.17	7.3	33.29	7.9	24.6	1.05
A7	03 Nov 2025	18	15.07	91.80	7.2	33.29	7.9	24.6	0.94
A7	03 Nov 2025	19	14.82	91.55	7.1	33.30	7.9	24.7	0.78
A7	03 Nov 2025	20	14.79	91.21	7.1	33.29	7.9	24.7	0.72
A7	03 Nov 2025	21	14.80	91.02	7.1	33.30	7.9	24.7	0.74
A7	10 Nov 2025	1	16.45	85.23	8.0	33.34	8.0	24.4	2.16
A7	10 Nov 2025	2	16.45	85.52	7.9	33.34	8.0	24.4	2.27
A7	10 Nov 2025	3	16.44	85.44	7.9	33.34	8.0	24.4	2.27
A7	10 Nov 2025	4	16.31	85.49	7.9	33.34	8.0	24.4	2.49
A7	10 Nov 2025	5	16.02	86.42	7.8	33.34	8.0	24.5	2.40
A7	10 Nov 2025	6	15.81	88.95	7.7	33.34	8.0	24.5	1.99
A7	10 Nov 2025	7	15.46	89.70	7.6	33.33	8.0	24.6	1.50
A7	10 Nov 2025	8	15.37	90.73	7.6	33.32	8.0	24.6	1.30
A7	10 Nov 2025	9	15.33	91.53	7.5	33.32	8.0	24.6	1.25
A7	10 Nov 2025	10	15.20	91.82	7.5	33.32	8.0	24.6	1.25
A7	10 Nov 2025	11	14.99	92.09	7.4	33.32	8.0	24.7	1.13
A7	10 Nov 2025	12	14.87	92.39	7.4	33.32	8.0	24.7	1.11
A7	10 Nov 2025	13	14.74	92.58	7.4	33.31	8.0	24.7	1.09
A7	10 Nov 2025	14	14.64	92.69	7.3	33.31	8.0	24.7	1.12
A7	10 Nov 2025	15	14.50	93.05	7.2	33.32	8.0	24.8	1.01
A7	10 Nov 2025	16	14.35	93.07	7.1	33.32	8.0	24.8	0.89
A7	10 Nov 2025	17	14.07	92.98	7.0	33.33	8.0	24.9	0.72
A7	10 Nov 2025	18	13.91	92.79	7.0	33.33	8.0	24.9	0.77
A7	10 Nov 2025	19	13.74	92.99	6.9	33.33	8.0	24.9	0.75
A7	10 Nov 2025	20	13.74	93.21	6.9	33.32	7.9	24.9	0.71
A7	17 Nov 2025	1	16.65	91.97	7.9	33.23	8.1	24.2	1.00
A7	17 Nov 2025	2	16.65	91.87	8.0	33.23	8.1	24.2	1.01
A7	17 Nov 2025	3	16.65	92.05	7.9	33.23	8.1	24.2	1.10
A7	17 Nov 2025	4	16.66	92.17	7.9	33.23	8.1	24.2	1.19
A7	17 Nov 2025	5	16.65	92.09	7.9	33.23	8.1	24.2	1.20
A7	17 Nov 2025	6	16.62	92.11	7.9	33.22	8.1	24.2	1.16
A7	17 Nov 2025	7	16.61	91.86	7.8	33.22	8.0	24.2	1.11
A7	17 Nov 2025	8	16.56	91.89	7.8	33.21	8.0	24.2	1.16
A7	17 Nov 2025	9	16.54	90.72	7.7	33.21	8.0	24.2	1.08
A7	17 Nov 2025	10	16.51	89.34	7.7	33.20	8.0	24.3	1.08
A7	17 Nov 2025	11	16.44	89.25	7.7	33.20	8.0	24.3	1.02
A7	17 Nov 2025	12	16.41	89.00	7.7	33.20	8.0	24.3	1.00
A7	17 Nov 2025	13	16.36	87.19	7.7	33.20	8.0	24.3	0.97
A7	17 Nov 2025	14	16.35	88.44	7.7	33.20	8.0	24.3	0.90
A7	17 Nov 2025	15	16.33	89.36	7.7	33.20	8.0	24.3	0.82
A7	17 Nov 2025	16	16.32	90.22	7.6	33.19	8.0	24.3	0.78
A7	17 Nov 2025	17	16.32	90.44	7.6	33.19	8.0	24.3	0.76
A7	17 Nov 2025	18	16.32	89.79	7.6	33.19	8.0	24.3	0.67
A7	25 Nov 2025	1	17.23	93.92	7.7	33.23	8.0	24.1	0.63
A7	25 Nov 2025	2	17.22	93.82	7.7	33.23	8.0	24.1	0.63
A7	25 Nov 2025	3	17.22	93.73	7.7	33.23	8.0	24.1	0.67
A7	25 Nov 2025	4	17.21	93.73	7.7	33.23	8.0	24.1	0.76
A7	25 Nov 2025	5	17.20	93.53	7.7	33.23	8.0	24.1	0.86
A7	25 Nov 2025	6	17.17	93.34	7.6	33.22	8.0	24.1	0.90
A7	25 Nov 2025	7	17.17	93.00	7.6	33.22	8.0	24.1	0.89
A7	25 Nov 2025	8	17.15	92.66	7.6	33.21	8.0	24.1	0.86
A7	25 Nov 2025	9	17.13	92.28	7.6	33.21	8.0	24.1	0.83
A7	25 Nov 2025	10	17.12	91.89	7.5	33.21	8.0	24.1	0.81
A7	25 Nov 2025	11	17.11	91.60	7.5	33.20	8.0	24.1	0.81
A7	25 Nov 2025	12	17.09	91.42	7.4	33.20	8.0	24.1	0.80
A7	25 Nov 2025	13	17.04	90.82	7.4	33.20	8.0	24.1	0.77
A7	25 Nov 2025	14	16.76	90.08	7.3	33.21	8.0	24.2	0.66
A7	25 Nov 2025	15	16.42	90.34	7.3	33.21	8.0	24.3	0.52
A7	25 Nov 2025	16	15.89	90.78	7.4	33.22	8.0	24.4	0.46
A7	25 Nov 2025	17	15.56	91.27	7.4	33.23	8.0	24.5	0.45
A7	25 Nov 2025	18	15.49	91.85	7.5	33.23	8.0	24.5	0.42
A7	25 Nov 2025	19	15.43	91.71	7.4	33.23	8.0	24.5	0.43
A7	25 Nov 2025	20	15.37	91.79	7.4	33.23	8.0	24.5	0.42
C5	03 Nov 2025	1	18.38	54.25	6.9	33.37	7.9	23.9	1.01
C5	03 Nov 2025	2	18.28	53.50	6.8	33.37	7.9	24.0	1.02

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C5	03 Nov 2025	3	18.00	50.65	6.7	33.36	7.9	24.0	1.03
C5	03 Nov 2025	4	17.82	49.20	7.0	33.36	7.9	24.1	1.10
C5	03 Nov 2025	5	17.63	56.07	7.3	33.34	8.0	24.1	1.24
C5	03 Nov 2025	6	17.48	72.14	7.3	33.34	8.0	24.1	1.16
C5	03 Nov 2025	7	17.33	82.24	6.8	33.34	8.0	24.2	0.95
C5	03 Nov 2025	8	17.15	83.39	6.5	33.32	7.9	24.2	0.73
C5	03 Nov 2025	9	16.60	74.78	6.5	33.29	7.9	24.3	0.54
C5	03 Nov 2025	10	16.05	52.41	6.5	33.31	7.9	24.4	0.79
C5	10 Nov 2025	1	16.54	81.76	7.8	33.34	8.0	24.4	1.53
C5	10 Nov 2025	2	16.53	81.80	7.8	33.34	8.0	24.4	1.64
C5	10 Nov 2025	3	16.52	81.71	7.8	33.34	8.0	24.4	1.91
C5	10 Nov 2025	4	16.48	81.65	7.8	33.34	8.0	24.4	2.17
C5	10 Nov 2025	5	16.43	81.35	7.6	33.34	8.0	24.4	2.37
C5	10 Nov 2025	6	16.35	81.01	7.4	33.34	8.0	24.4	1.96
C5	10 Nov 2025	7	16.30	81.29	7.3	33.34	8.0	24.4	1.44
C5	10 Nov 2025	8	16.30	82.72	7.2	33.34	8.0	24.4	1.18
C5	10 Nov 2025	9	15.84	80.72	6.5	33.35	8.0	24.5	1.16
C5	10 Nov 2025	10	15.26	69.36	5.8	33.35	7.9	24.6	0.82
C5	10 Nov 2025	11	15.09	47.21	5.4	33.33	7.8	24.7	1.45
C5	17 Nov 2025	1	16.52	86.17	7.7	33.15	8.0	24.2	0.77
C5	17 Nov 2025	2	16.51	86.11	7.7	33.15	8.0	24.2	0.81
C5	17 Nov 2025	3	16.50	85.88	7.7	33.15	8.0	24.2	0.90
C5	17 Nov 2025	4	16.48	85.66	7.6	33.16	8.0	24.2	1.03
C5	17 Nov 2025	5	16.46	85.33	7.6	33.17	8.0	24.2	1.03
C5	17 Nov 2025	6	16.44	84.51	7.6	33.17	8.0	24.2	0.93
C5	17 Nov 2025	7	16.41	83.19	7.6	33.18	8.0	24.3	0.84
C5	17 Nov 2025	8	16.37	81.64	7.7	33.19	8.0	24.3	0.79
C5	17 Nov 2025	9	16.34	78.94	7.6	33.20	8.0	24.3	0.73
C5	17 Nov 2025	10	16.33	73.16	7.5	33.20	8.0	24.3	0.77
C5	17 Nov 2025	11	16.34	43.81	7.5	33.20	8.0	24.3	0.89
C5	25 Nov 2025	1	16.98	63.63	6.5	33.12	7.8	24.1	0.41
C5	25 Nov 2025	2	16.98	63.84	6.5	33.12	7.8	24.1	0.45
C5	25 Nov 2025	3	16.93	63.78	6.4	33.12	7.8	24.1	0.56
C5	25 Nov 2025	4	16.88	63.30	6.4	33.12	7.9	24.1	0.61
C5	25 Nov 2025	5	16.87	62.43	6.3	33.12	7.9	24.1	0.51
C5	25 Nov 2025	6	16.87	62.65	6.3	33.12	7.9	24.1	0.50
C5	25 Nov 2025	7	16.87	61.71	6.3	33.12	7.9	24.1	0.50
C5	25 Nov 2025	8	16.87	61.14	6.3	33.12	7.9	24.1	0.50
C5	25 Nov 2025	9	16.87	57.06	6.2	33.12	7.8	24.1	0.55
C5	25 Nov 2025	10	16.87	41.75	6.2	33.12	7.8	24.1	0.57
A6	03 Nov 2025	1	17.92	84.44	7.8	33.35	8.0	24.0	2.79
A6	03 Nov 2025	2	17.77	84.24	7.8	33.35	8.0	24.1	2.85
A6	03 Nov 2025	3	17.69	83.98	7.8	33.34	8.0	24.1	2.97
A6	03 Nov 2025	4	17.55	85.10	7.8	33.34	8.0	24.1	2.90
A6	03 Nov 2025	5	17.32	86.00	7.9	33.33	8.0	24.2	2.47
A6	03 Nov 2025	6	17.16	87.11	7.9	33.33	8.0	24.2	2.14
A6	03 Nov 2025	7	16.97	88.42	7.8	33.32	8.0	24.2	1.98
A6	03 Nov 2025	8	16.84	88.80	7.8	33.32	8.0	24.3	1.86
A6	03 Nov 2025	9	16.74	88.93	7.7	33.32	8.0	24.3	1.69
A6	03 Nov 2025	10	16.71	88.78	7.7	33.32	8.0	24.3	1.64
A6	03 Nov 2025	11	16.64	88.91	7.7	33.31	8.0	24.3	1.64
A6	03 Nov 2025	12	16.61	89.39	7.7	33.32	8.0	24.3	1.61
A6	03 Nov 2025	13	16.52	89.52	7.6	33.31	8.0	24.3	1.61
A6	03 Nov 2025	14	16.20	89.74	7.6	33.31	8.0	24.4	1.47
A6	03 Nov 2025	15	16.03	90.11	7.5	33.30	8.0	24.4	1.35
A6	03 Nov 2025	16	15.67	90.57	7.5	33.30	8.0	24.5	1.27
A6	03 Nov 2025	17	15.44	91.01	7.4	33.30	8.0	24.6	1.09
A6	03 Nov 2025	18	15.03	91.21	7.3	33.29	7.9	24.6	1.01
A6	03 Nov 2025	19	14.91	91.42	7.2	33.30	7.9	24.7	1.02
A6	10 Nov 2025	1	16.41	86.13	7.8	33.35	8.0	24.4	1.74
A6	10 Nov 2025	2	16.31	86.13	7.8	33.34	8.0	24.4	1.78
A6	10 Nov 2025	3	16.21	86.54	7.8	33.34	8.0	24.4	1.91
A6	10 Nov 2025	4	16.16	86.87	7.8	33.34	8.0	24.4	2.01
A6	10 Nov 2025	5	16.12	87.00	7.7	33.34	8.0	24.4	2.12
A6	10 Nov 2025	6	15.60	88.00	7.6	33.34	8.0	24.6	1.96
A6	10 Nov 2025	7	15.33	89.85	7.6	33.33	8.0	24.6	1.50
A6	10 Nov 2025	8	15.23	91.31	7.5	33.32	8.0	24.6	1.36
A6	10 Nov 2025	9	15.03	91.98	7.4	33.32	8.0	24.7	1.26
A6	10 Nov 2025	10	14.94	92.17	7.4	33.32	8.0	24.7	1.12

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A6	10 Nov 2025	11	14.81	92.53	7.3	33.32	8.0	24.7	1.11
A6	10 Nov 2025	12	14.71	92.63	7.3	33.32	8.0	24.7	0.99
A6	10 Nov 2025	13	14.61	92.74	7.2	33.32	8.0	24.8	0.97
A6	10 Nov 2025	14	14.36	92.70	7.1	33.33	8.0	24.8	0.92
A6	10 Nov 2025	15	14.31	92.80	7.0	33.33	8.0	24.8	0.83
A6	10 Nov 2025	16	14.19	92.86	7.0	33.33	8.0	24.9	0.82
A6	10 Nov 2025	17	14.05	92.89	6.9	33.33	8.0	24.9	0.74
A6	10 Nov 2025	18	14.00	92.85	6.9	33.33	7.9	24.9	0.75
A6	17 Nov 2025	1	16.66	93.71	8.0	33.23	8.1	24.2	0.92
A6	17 Nov 2025	2	16.67	93.74	8.0	33.23	8.1	24.2	0.94
A6	17 Nov 2025	3	16.65	93.68	8.0	33.23	8.1	24.2	1.03
A6	17 Nov 2025	4	16.63	93.32	7.9	33.22	8.1	24.2	1.06
A6	17 Nov 2025	5	16.62	93.23	7.9	33.22	8.1	24.2	1.08
A6	17 Nov 2025	6	16.62	93.30	7.9	33.22	8.1	24.2	1.14
A6	17 Nov 2025	7	16.60	93.21	7.9	33.22	8.1	24.2	1.14
A6	17 Nov 2025	8	16.59	93.24	7.9	33.22	8.1	24.2	1.15
A6	17 Nov 2025	9	16.58	93.16	7.9	33.22	8.1	24.2	1.00
A6	17 Nov 2025	10	16.58	93.28	7.9	33.22	8.1	24.2	1.07
A6	17 Nov 2025	11	16.57	93.38	7.8	33.22	8.1	24.2	1.01
A6	17 Nov 2025	12	16.56	93.36	7.8	33.22	8.0	24.2	0.87
A6	17 Nov 2025	13	16.57	93.51	7.8	33.22	8.0	24.2	0.89
A6	17 Nov 2025	14	16.54	93.71	7.8	33.22	8.0	24.3	0.93
A6	17 Nov 2025	15	16.50	93.61	7.7	33.22	8.0	24.3	0.79
A6	17 Nov 2025	16	16.47	93.56	7.6	33.21	8.0	24.3	0.60
A6	17 Nov 2025	17	16.42	94.06	7.5	33.21	8.0	24.3	0.64
A6	17 Nov 2025	18	16.38	94.00	7.3	33.21	8.0	24.3	0.45
A6	25 Nov 2025	1	17.30	94.32	7.9	33.24	8.0	24.1	0.80
A6	25 Nov 2025	2	17.29	94.51	7.9	33.24	8.0	24.1	0.81
A6	25 Nov 2025	3	17.28	94.61	7.8	33.24	8.0	24.1	0.87
A6	25 Nov 2025	4	17.27	94.32	7.8	33.24	8.0	24.1	0.95
A6	25 Nov 2025	5	17.27	94.39	7.7	33.24	8.0	24.1	0.93
A6	25 Nov 2025	6	17.29	94.35	7.7	33.23	8.0	24.1	0.94
A6	25 Nov 2025	7	17.28	94.37	7.7	33.24	8.1	24.1	0.92
A6	25 Nov 2025	8	17.28	93.83	7.7	33.24	8.1	24.1	0.94
A6	25 Nov 2025	9	17.28	94.14	7.6	33.24	8.0	24.1	0.82
A6	25 Nov 2025	10	17.27	94.70	7.6	33.25	8.0	24.1	0.81
A6	25 Nov 2025	11	17.26	93.78	7.6	33.25	8.0	24.1	0.93
A6	25 Nov 2025	12	17.20	93.69	7.6	33.27	8.0	24.1	0.65
A6	25 Nov 2025	13	17.11	93.67	7.6	33.30	8.0	24.2	0.58
A6	25 Nov 2025	14	16.96	93.79	7.5	33.31	8.0	24.2	0.53
A6	25 Nov 2025	15	16.76	93.46	7.5	33.36	8.0	24.3	0.52
A6	25 Nov 2025	16	16.32	92.91	7.5	33.42	8.0	24.5	0.53
A6	25 Nov 2025	17	16.14	92.61	7.5	33.32	8.0	24.4	0.52
A6	25 Nov 2025	18	16.17	92.67	7.4	33.28	8.0	24.4	0.51
A6	25 Nov 2025	19	15.82	92.48	7.6	33.37	8.0	24.5	0.53
C6	03 Nov 2025	1	18.29	70.68	6.9	33.38	7.9	24.0	0.87
C6	03 Nov 2025	2	18.28	70.58	6.9	33.38	7.9	24.0	0.92
C6	03 Nov 2025	3	18.12	69.98	6.9	33.36	7.9	24.0	0.97
C6	03 Nov 2025	4	17.69	68.87	6.9	33.35	7.9	24.1	0.73
C6	03 Nov 2025	5	17.40	68.97	6.8	33.34	7.9	24.1	0.62
C6	03 Nov 2025	6	17.05	68.25	6.8	33.34	7.9	24.2	0.53
C6	03 Nov 2025	7	16.71	67.97	6.7	33.31	7.9	24.3	0.52
C6	03 Nov 2025	8	16.00	68.57	6.8	33.31	7.9	24.4	0.50
C6	03 Nov 2025	9	15.90	65.35	6.8	33.31	7.9	24.5	0.55
C6	03 Nov 2025	10	15.89	62.14	6.8	33.30	7.9	24.5	0.58
C6	10 Nov 2025	1	16.37	84.24	7.5	33.34	8.0	24.4	1.42
C6	10 Nov 2025	2	16.37	84.23	7.5	33.34	8.0	24.4	1.47
C6	10 Nov 2025	3	16.35	84.15	7.5	33.35	8.0	24.4	1.52
C6	10 Nov 2025	4	16.24	83.82	7.5	33.35	8.0	24.4	2.05
C6	10 Nov 2025	5	16.12	83.76	7.6	33.35	8.0	24.4	2.23
C6	10 Nov 2025	6	15.98	84.82	7.5	33.35	8.0	24.5	2.07
C6	10 Nov 2025	7	15.80	86.50	7.2	33.35	8.0	24.5	1.56
C6	10 Nov 2025	8	15.63	87.92	6.8	33.35	8.0	24.6	0.93
C6	10 Nov 2025	9	15.19	88.71	6.5	33.37	7.9	24.7	0.58
C6	10 Nov 2025	10	14.83	88.72	6.5	33.35	7.9	24.7	0.48
C6	17 Nov 2025	1	16.61	81.31	6.8	33.24	7.9	24.3	0.58
C6	17 Nov 2025	2	16.60	81.10	6.8	33.24	7.9	24.3	0.58
C6	17 Nov 2025	3	16.60	80.94	6.8	33.24	7.9	24.3	0.64
C6	17 Nov 2025	4	16.59	80.78	6.9	33.24	7.9	24.3	0.71

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C6	17 Nov 2025	5	16.59	80.93	6.9	33.24	7.9	24.3	0.75
C6	17 Nov 2025	6	16.58	80.98	6.9	33.24	7.9	24.3	0.77
C6	17 Nov 2025	7	16.57	81.46	7.0	33.24	8.0	24.3	0.78
C6	17 Nov 2025	8	16.55	82.40	7.0	33.23	8.0	24.3	0.72
C6	17 Nov 2025	9	16.53	83.56	6.9	33.23	8.0	24.3	0.69
C6	25 Nov 2025	1	17.04	81.98	7.6	33.16	8.0	24.1	0.86
C6	25 Nov 2025	2	17.01	81.97	7.6	33.16	8.0	24.1	0.96
C6	25 Nov 2025	3	16.99	81.67	7.5	33.16	8.0	24.1	1.33
C6	25 Nov 2025	4	16.97	81.55	7.4	33.16	8.0	24.1	1.64
C6	25 Nov 2025	5	16.96	80.94	7.3	33.16	8.0	24.1	1.59
C6	25 Nov 2025	6	16.94	78.00	7.0	33.16	7.9	24.1	1.06
C6	25 Nov 2025	7	16.93	73.02	6.8	33.16	7.9	24.1	0.72
C6	25 Nov 2025	8	16.88	65.61	6.5	33.17	7.9	24.1	0.67
C6	25 Nov 2025	9	16.85	52.17	6.2	33.18	7.9	24.2	0.77
C6	25 Nov 2025	10	16.84	32.36	6.2	33.18	7.9	24.2	0.85
C7	03 Nov 2025	1	18.19	86.27	7.8	33.36	8.0	24.0	2.00
C7	03 Nov 2025	2	18.19	86.03	7.8	33.36	8.0	24.0	2.03
C7	03 Nov 2025	3	18.18	86.14	7.8	33.36	8.0	24.0	2.06
C7	03 Nov 2025	4	18.15	86.16	7.7	33.36	8.0	24.0	2.07
C7	03 Nov 2025	5	18.08	86.00	7.6	33.36	8.0	24.0	2.09
C7	03 Nov 2025	6	17.74	84.95	7.5	33.35	8.0	24.1	2.12
C7	03 Nov 2025	7	17.61	84.22	7.6	33.35	8.0	24.1	2.26
C7	03 Nov 2025	8	17.41	84.58	7.6	33.33	8.0	24.1	2.35
C7	03 Nov 2025	9	17.05	85.49	7.5	33.34	8.0	24.2	2.34
C7	03 Nov 2025	10	16.88	85.78	7.7	33.33	8.0	24.3	2.19
C7	03 Nov 2025	11	16.72	85.90	7.7	33.32	8.0	24.3	2.22
C7	03 Nov 2025	12	16.60	86.72	7.6	33.32	8.0	24.3	1.95
C7	03 Nov 2025	13	16.45	86.50	7.3	33.32	8.0	24.4	1.67
C7	03 Nov 2025	14	16.01	86.31	7.0	33.32	7.9	24.4	1.28
C7	03 Nov 2025	15	15.47	86.17	7.1	33.31	7.9	24.6	1.05
C7	03 Nov 2025	16	15.22	86.99	7.3	33.29	8.0	24.6	1.06
C7	03 Nov 2025	17	14.93	89.40	7.2	33.29	7.9	24.7	0.93
C7	03 Nov 2025	18	14.86	88.16	7.2	33.29	7.9	24.7	0.70
C7	03 Nov 2025	19	14.81	86.69	7.1	33.29	7.9	24.7	0.66
C7	10 Nov 2025	1	16.83	79.43	7.7	33.35	8.0	24.3	1.75
C7	10 Nov 2025	2	16.83	79.45	7.7	33.35	8.0	24.3	1.81
C7	10 Nov 2025	3	16.79	79.46	7.7	33.35	8.0	24.3	1.86
C7	10 Nov 2025	4	16.76	79.52	7.7	33.35	8.0	24.3	2.08
C7	10 Nov 2025	5	16.72	79.72	7.7	33.35	8.0	24.3	2.23
C7	10 Nov 2025	6	16.67	80.31	7.6	33.35	8.0	24.3	2.02
C7	10 Nov 2025	7	16.62	80.76	7.5	33.35	8.0	24.3	1.84
C7	10 Nov 2025	8	16.18	82.47	7.4	33.36	8.0	24.4	1.62
C7	10 Nov 2025	9	15.95	84.25	7.3	33.35	8.0	24.5	1.31
C7	10 Nov 2025	10	15.63	85.57	7.0	33.35	8.0	24.6	1.11
C7	10 Nov 2025	11	15.13	87.26	6.7	33.35	7.9	24.7	0.82
C7	10 Nov 2025	12	14.99	88.23	6.5	33.34	7.9	24.7	0.60
C7	10 Nov 2025	13	14.73	88.88	6.5	33.35	7.9	24.8	0.55
C7	10 Nov 2025	14	14.32	89.91	6.6	33.34	7.9	24.8	0.53
C7	10 Nov 2025	15	14.14	90.50	6.7	33.34	7.9	24.9	0.56
C7	10 Nov 2025	16	14.10	91.33	6.6	33.33	7.9	24.9	0.59
C7	10 Nov 2025	17	14.11	91.44	6.6	33.33	7.9	24.9	0.56
C7	10 Nov 2025	18	14.13	91.41	6.6	33.33	7.9	24.9	0.56
C7	17 Nov 2025	1	16.80	88.83	7.8	33.25	8.0	24.2	1.21
C7	17 Nov 2025	2	16.80	88.74	7.9	33.25	8.0	24.2	1.28
C7	17 Nov 2025	3	16.77	88.71	7.9	33.24	8.0	24.2	1.45
C7	17 Nov 2025	4	16.76	88.56	7.9	33.24	8.0	24.2	1.62
C7	17 Nov 2025	5	16.75	88.66	7.8	33.24	8.0	24.2	1.67
C7	17 Nov 2025	6	16.69	88.68	7.9	33.23	8.0	24.2	1.59
C7	17 Nov 2025	7	16.63	89.15	7.9	33.22	8.0	24.2	1.44
C7	17 Nov 2025	8	16.58	90.08	7.9	33.22	8.0	24.2	1.35
C7	17 Nov 2025	9	16.57	91.88	7.9	33.22	8.0	24.2	1.21
C7	17 Nov 2025	10	16.57	92.21	7.9	33.22	8.0	24.2	1.16
C7	17 Nov 2025	11	16.57	92.36	7.9	33.22	8.0	24.2	1.18
C7	17 Nov 2025	12	16.57	92.46	7.9	33.22	8.0	24.2	1.18
C7	17 Nov 2025	13	16.57	92.22	7.9	33.22	8.0	24.2	1.15
C7	17 Nov 2025	14	16.57	92.13	7.9	33.22	8.0	24.2	1.12
C7	17 Nov 2025	15	16.55	92.43	7.9	33.22	8.1	24.3	1.05
C7	17 Nov 2025	16	16.54	92.95	7.9	33.23	8.1	24.3	0.95
C7	17 Nov 2025	17	16.53	93.32	7.8	33.23	8.1	24.3	0.89
C7	17 Nov 2025	18	16.43	93.89	7.5	33.25	8.0	24.3	0.72

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C7	17 Nov 2025	19	16.28	94.25	7.3	33.27	8.0	24.4	0.55
C7	25 Nov 2025	1	17.19	88.97	7.8	33.19	8.0	24.1	0.99
C7	25 Nov 2025	2	17.19	88.85	7.8	33.19	8.0	24.1	1.04
C7	25 Nov 2025	3	17.18	88.76	7.8	33.19	8.0	24.1	1.04
C7	25 Nov 2025	4	17.18	89.12	7.8	33.20	8.0	24.1	1.19
C7	25 Nov 2025	5	17.18	89.34	7.8	33.20	8.0	24.1	1.36
C7	25 Nov 2025	6	17.18	89.38	7.8	33.20	8.0	24.1	1.35
C7	25 Nov 2025	7	17.18	89.47	7.8	33.20	8.0	24.1	1.38
C7	25 Nov 2025	8	17.18	89.70	7.8	33.20	8.0	24.1	1.30
C7	25 Nov 2025	9	17.18	89.65	7.8	33.20	8.0	24.1	1.28
C7	25 Nov 2025	10	17.18	89.75	7.8	33.20	8.0	24.1	1.26
C7	25 Nov 2025	11	17.19	90.06	7.8	33.21	8.0	24.1	1.16
C7	25 Nov 2025	12	17.18	90.06	7.7	33.21	8.0	24.1	1.06
C7	25 Nov 2025	13	17.03	90.51	7.4	33.22	8.0	24.1	0.87
C7	25 Nov 2025	14	16.90	90.81	7.2	33.22	8.0	24.2	0.57
C7	25 Nov 2025	15	16.58	89.68	7.1	33.20	8.0	24.2	0.48
C7	25 Nov 2025	16	16.08	88.23	7.3	33.24	8.0	24.4	0.42
C7	25 Nov 2025	17	16.06	88.24	7.3	33.23	8.0	24.4	0.43
C7	25 Nov 2025	18	16.05	87.18	7.3	33.23	8.0	24.4	0.43
C8	03 Nov 2025	1	18.01	83.39	7.9	33.35	8.0	24.0	1.85
C8	03 Nov 2025	2	17.98	83.17	7.9	33.35	8.0	24.0	1.82
C8	03 Nov 2025	3	17.90	83.13	7.9	33.35	8.0	24.0	1.94
C8	03 Nov 2025	4	17.61	84.62	7.9	33.34	8.0	24.1	1.86
C8	03 Nov 2025	5	16.99	86.38	7.9	33.34	8.0	24.2	1.76
C8	03 Nov 2025	6	16.44	87.40	7.8	33.33	8.0	24.4	1.98
C8	03 Nov 2025	7	16.28	86.50	7.8	33.32	8.0	24.4	2.00
C8	03 Nov 2025	8	16.20	86.44	7.8	33.31	8.0	24.4	1.93
C8	03 Nov 2025	9	16.15	87.24	7.7	33.31	8.0	24.4	1.84
C8	03 Nov 2025	10	16.14	88.16	7.7	33.32	8.0	24.4	1.79
C8	03 Nov 2025	11	16.12	88.49	7.7	33.32	8.0	24.4	1.77
C8	03 Nov 2025	12	16.11	88.71	7.6	33.32	8.0	24.4	1.70
C8	03 Nov 2025	13	15.99	88.66	7.5	33.32	8.0	24.5	1.59
C8	03 Nov 2025	14	15.66	88.60	7.3	33.32	8.0	24.5	1.13
C8	03 Nov 2025	15	15.41	88.06	7.1	33.31	7.9	24.6	0.88
C8	03 Nov 2025	16	15.11	86.05	7.1	33.30	7.9	24.6	0.71
C8	03 Nov 2025	17	14.80	84.61	7.1	33.30	7.9	24.7	0.66
C8	03 Nov 2025	18	14.63	84.43	7.1	33.30	7.9	24.7	0.62
C8	03 Nov 2025	19	14.52	82.92	7.1	33.29	7.9	24.8	0.63
C8	03 Nov 2025	20	14.50	80.26	7.1	33.29	7.9	24.8	0.61
C8	10 Nov 2025	1	16.91	83.75	7.7	33.36	8.0	24.3	1.60
C8	10 Nov 2025	2	16.90	83.73	7.7	33.36	8.0	24.3	1.62
C8	10 Nov 2025	3	16.89	83.65	7.7	33.36	8.0	24.3	1.84
C8	10 Nov 2025	4	16.87	83.36	7.7	33.36	8.0	24.3	2.13
C8	10 Nov 2025	5	16.84	83.20	7.7	33.36	8.0	24.3	2.11
C8	10 Nov 2025	6	16.83	83.62	7.7	33.36	8.0	24.3	2.00
C8	10 Nov 2025	7	16.80	84.18	7.7	33.36	8.0	24.3	1.97
C8	10 Nov 2025	8	16.71	84.56	7.6	33.36	8.0	24.3	1.94
C8	10 Nov 2025	9	16.39	85.17	7.5	33.36	8.0	24.4	1.83
C8	10 Nov 2025	10	16.01	86.01	7.4	33.36	8.0	24.5	1.59
C8	10 Nov 2025	11	15.77	86.65	7.2	33.35	8.0	24.5	1.30
C8	10 Nov 2025	12	15.41	87.03	7.0	33.35	8.0	24.6	1.04
C8	10 Nov 2025	13	15.20	87.48	6.9	33.34	8.0	24.7	0.96
C8	10 Nov 2025	14	15.01	88.00	6.8	33.34	8.0	24.7	0.88
C8	10 Nov 2025	15	14.81	88.41	6.6	33.35	7.9	24.7	0.73
C8	10 Nov 2025	16	14.66	88.60	6.5	33.34	7.9	24.8	0.62
C8	10 Nov 2025	17	14.55	88.43	6.4	33.34	7.9	24.8	0.59
C8	10 Nov 2025	18	14.46	88.07	6.3	33.34	7.9	24.8	0.55
C8	10 Nov 2025	19	14.42	86.32	6.3	33.34	7.9	24.8	0.53
C8	17 Nov 2025	1	16.89	91.59	8.0	33.26	8.1	24.2	1.25
C8	17 Nov 2025	2	16.88	91.44	8.0	33.26	8.1	24.2	1.35
C8	17 Nov 2025	3	16.86	91.22	8.0	33.26	8.1	24.2	1.41
C8	17 Nov 2025	4	16.85	91.32	8.0	33.26	8.1	24.2	1.48
C8	17 Nov 2025	5	16.83	91.60	8.0	33.25	8.1	24.2	1.48
C8	17 Nov 2025	6	16.80	91.70	8.0	33.25	8.1	24.2	1.40
C8	17 Nov 2025	7	16.77	92.17	8.0	33.25	8.1	24.2	1.23
C8	17 Nov 2025	8	16.70	92.74	8.0	33.24	8.1	24.2	1.19
C8	17 Nov 2025	9	16.64	93.58	8.1	33.23	8.1	24.2	1.11
C8	17 Nov 2025	10	16.63	94.23	8.1	33.23	8.1	24.2	1.07
C8	17 Nov 2025	11	16.62	95.00	8.1	33.23	8.1	24.2	1.03
C8	17 Nov 2025	12	16.61	95.54	8.1	33.23	8.1	24.2	0.92

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C8	17 Nov 2025	13	16.61	95.62	8.1	33.23	8.1	24.2	0.92
C8	17 Nov 2025	14	16.60	95.50	8.1	33.23	8.1	24.2	0.93
C8	17 Nov 2025	15	16.53	95.05	8.0	33.22	8.1	24.3	0.89
C8	17 Nov 2025	16	16.45	93.72	8.0	33.23	8.1	24.3	0.88
C8	17 Nov 2025	17	16.43	94.45	7.9	33.23	8.1	24.3	0.84
C8	17 Nov 2025	18	16.41	94.50	7.9	33.23	8.0	24.3	0.83
C8	17 Nov 2025	19	16.36	94.44	7.8	33.24	8.0	24.3	0.75
C8	17 Nov 2025	20	16.34	93.71	7.7	33.24	8.0	24.3	0.69
C8	25 Nov 2025	1	17.10	82.33	7.9	33.12	8.0	24.0	0.91
C8	25 Nov 2025	2	17.10	82.42	7.9	33.12	8.0	24.0	0.95
C8	25 Nov 2025	3	17.10	81.32	7.8	33.16	8.0	24.1	1.10
C8	25 Nov 2025	4	17.05	82.54	7.7	33.18	8.0	24.1	1.16
C8	25 Nov 2025	5	17.00	85.03	7.6	33.18	8.0	24.1	1.04
C8	25 Nov 2025	6	16.92	87.84	7.6	33.19	8.0	24.1	1.01
C8	25 Nov 2025	7	16.88	88.16	7.6	33.20	8.0	24.2	0.98
C8	25 Nov 2025	8	16.87	87.04	7.6	33.20	8.0	24.2	0.99
C8	25 Nov 2025	9	16.88	87.11	7.6	33.22	8.0	24.2	0.90
C8	25 Nov 2025	10	16.86	88.92	7.6	33.22	8.0	24.2	0.81
C8	25 Nov 2025	11	16.85	90.38	7.6	33.22	8.0	24.2	0.79
C8	25 Nov 2025	12	16.79	90.45	7.6	33.22	8.0	24.2	0.76
C8	25 Nov 2025	13	16.74	89.44	7.5	33.23	8.0	24.2	0.71
C8	25 Nov 2025	14	16.73	88.18	7.5	33.22	8.0	24.2	0.69
C8	25 Nov 2025	15	16.72	87.23	7.5	33.22	8.0	24.2	0.67
C8	25 Nov 2025	16	16.70	87.03	7.5	33.23	8.0	24.2	0.64
C8	25 Nov 2025	17	16.67	86.94	7.4	33.22	8.0	24.2	0.64
C8	25 Nov 2025	18	16.58	87.01	7.3	33.21	8.0	24.2	0.63
C8	25 Nov 2025	19	16.16	86.84	7.4	33.23	8.0	24.4	0.56
C8	25 Nov 2025	20	16.14	86.27	7.4	33.23	8.0	24.4	0.58

NA = not available

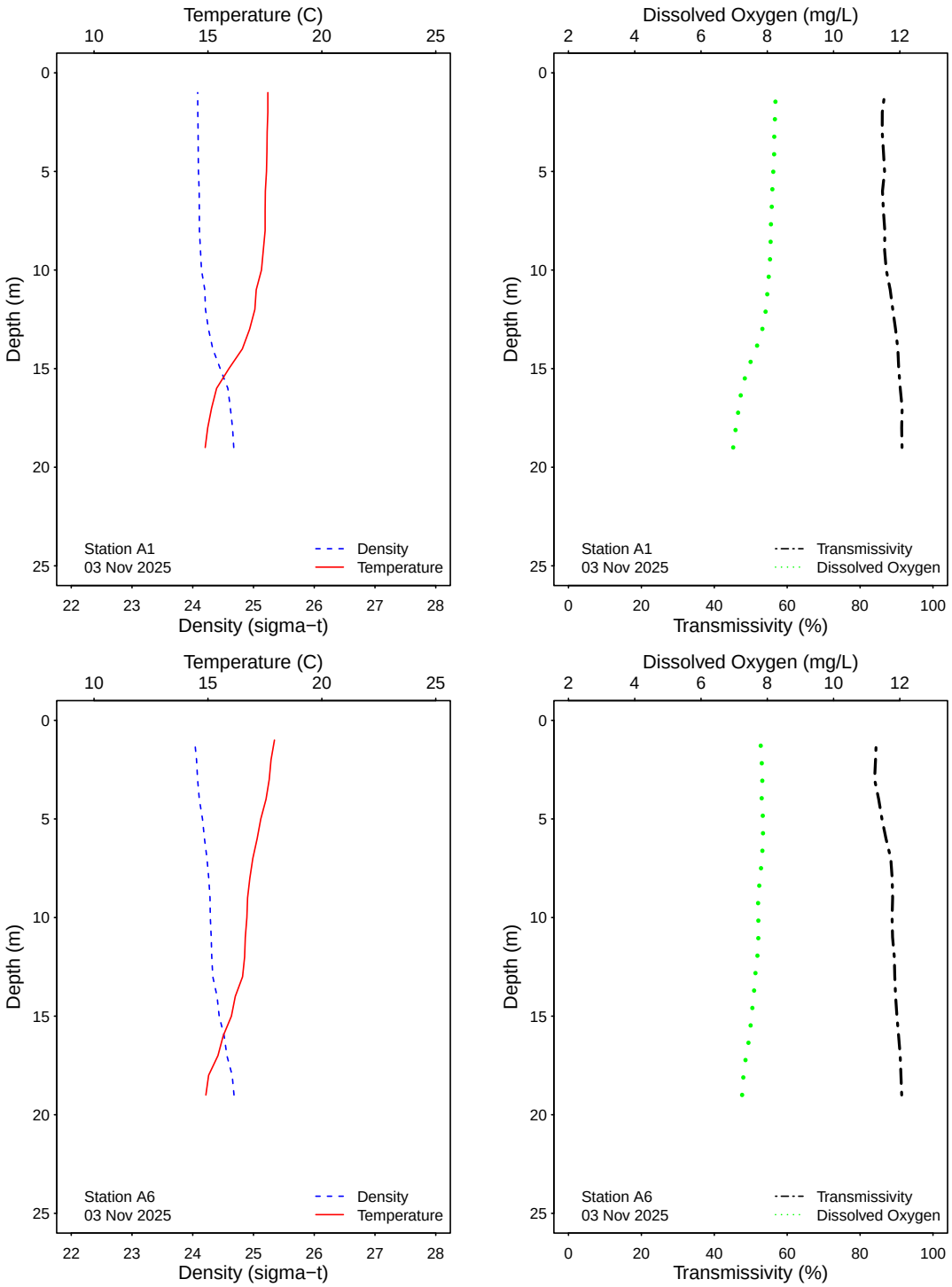

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

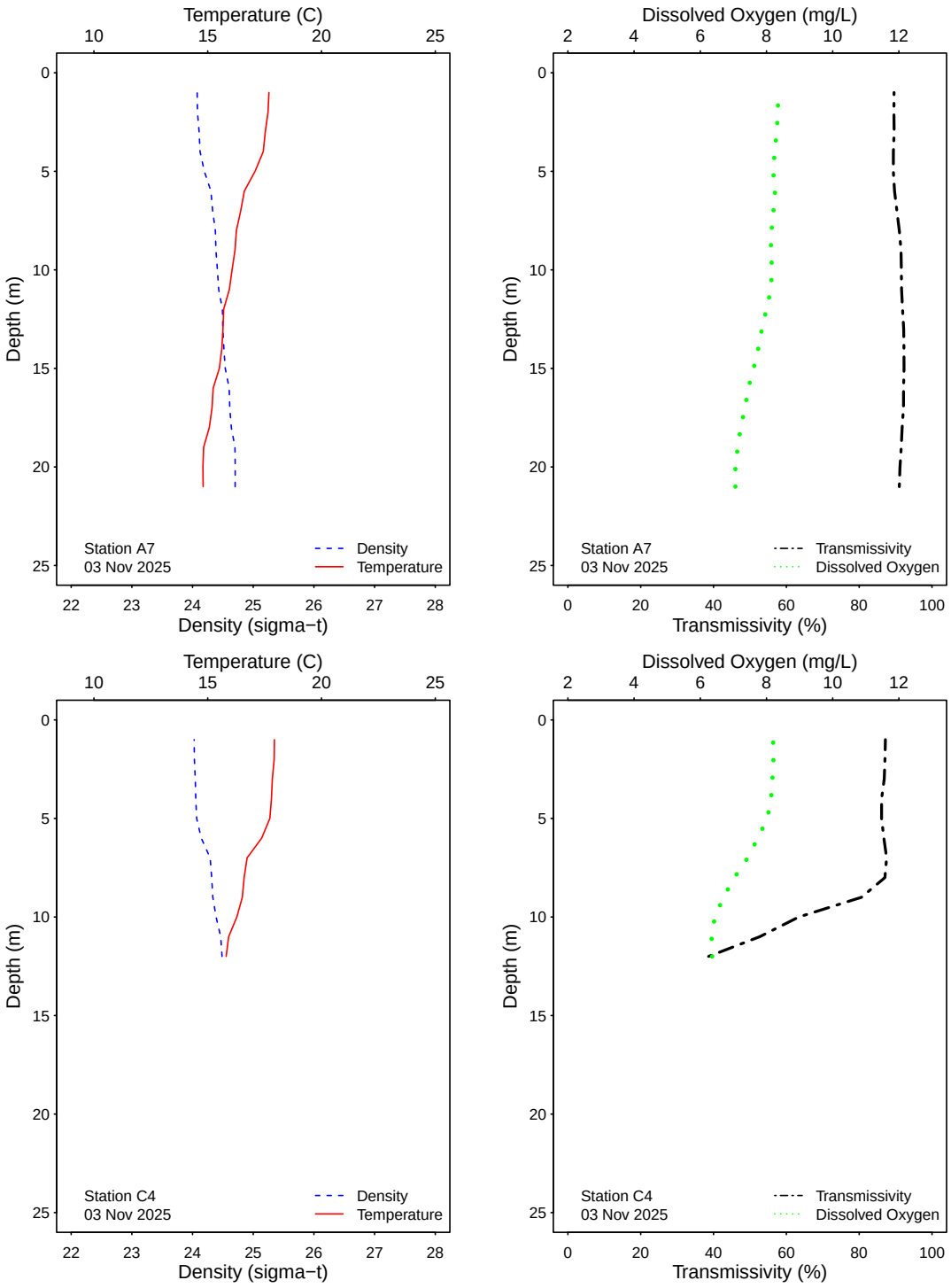

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

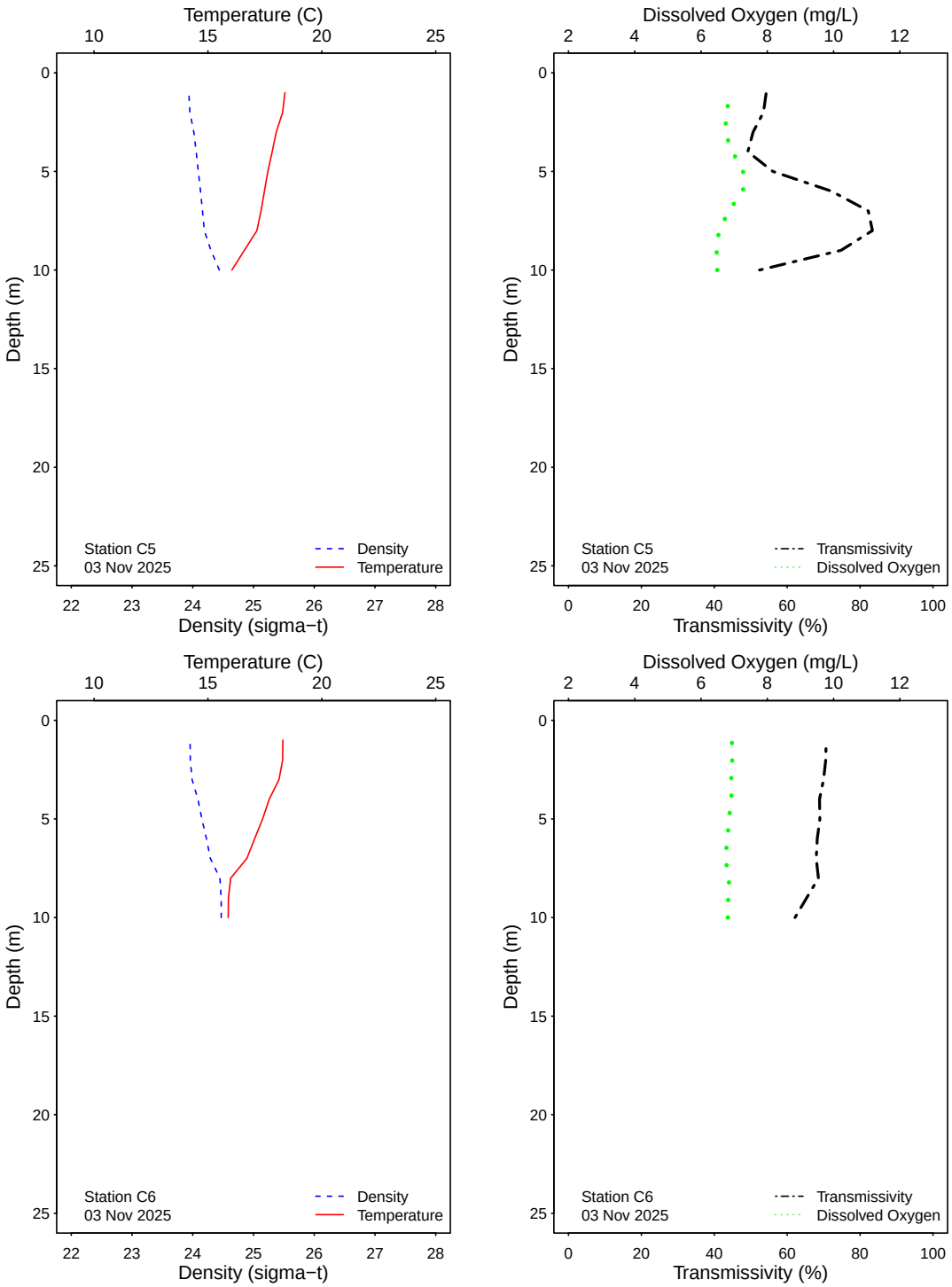

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

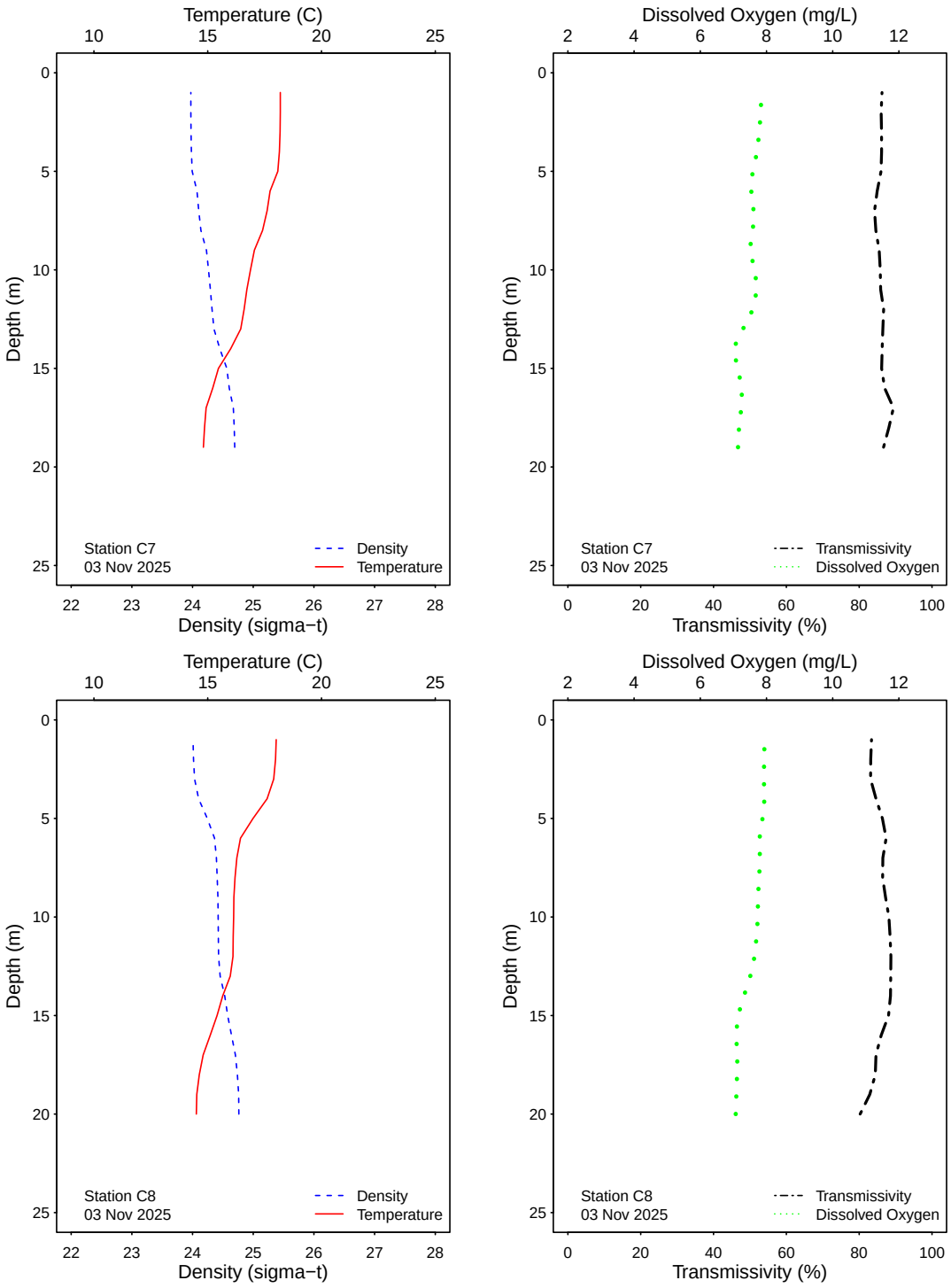

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

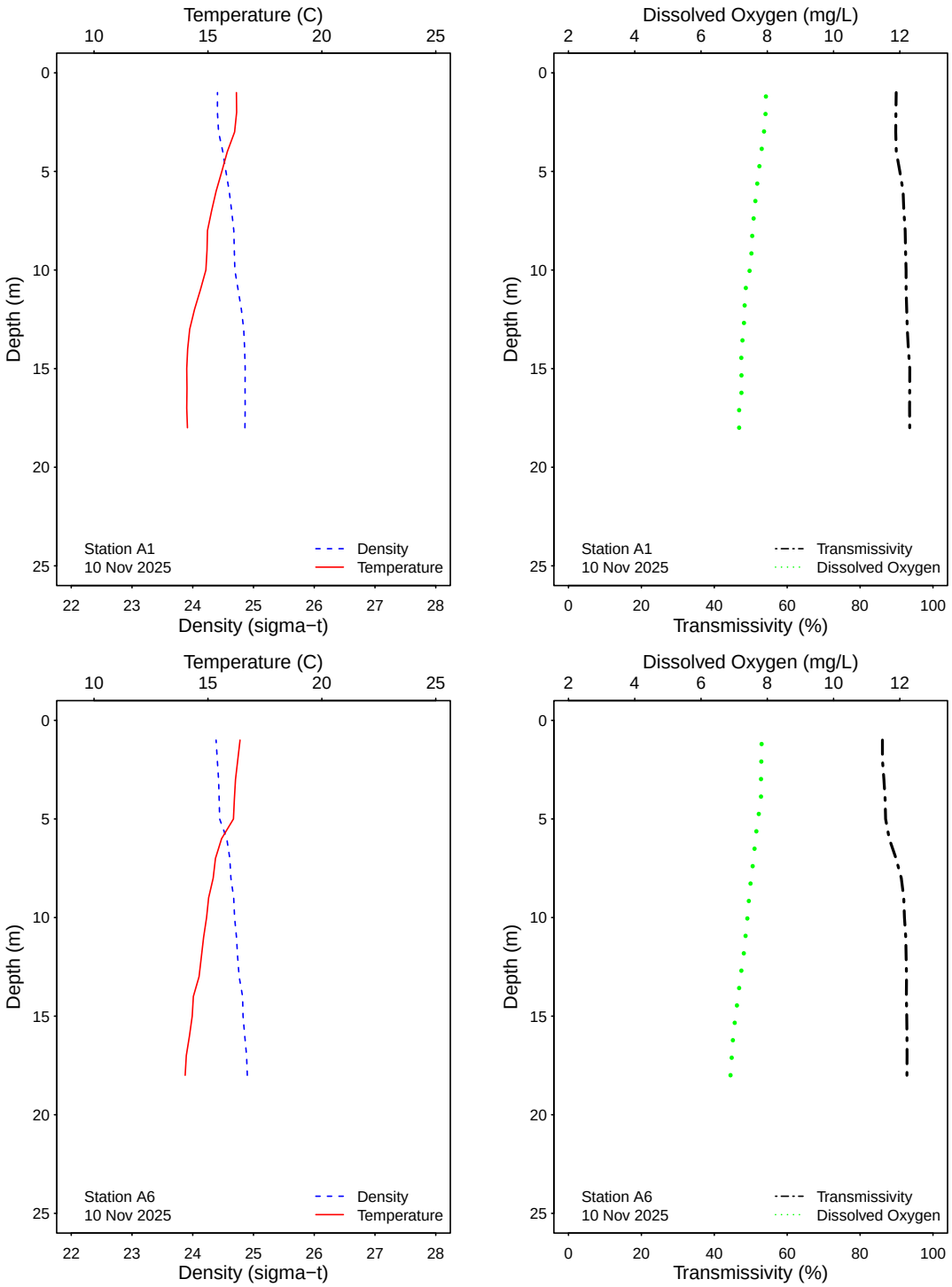

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

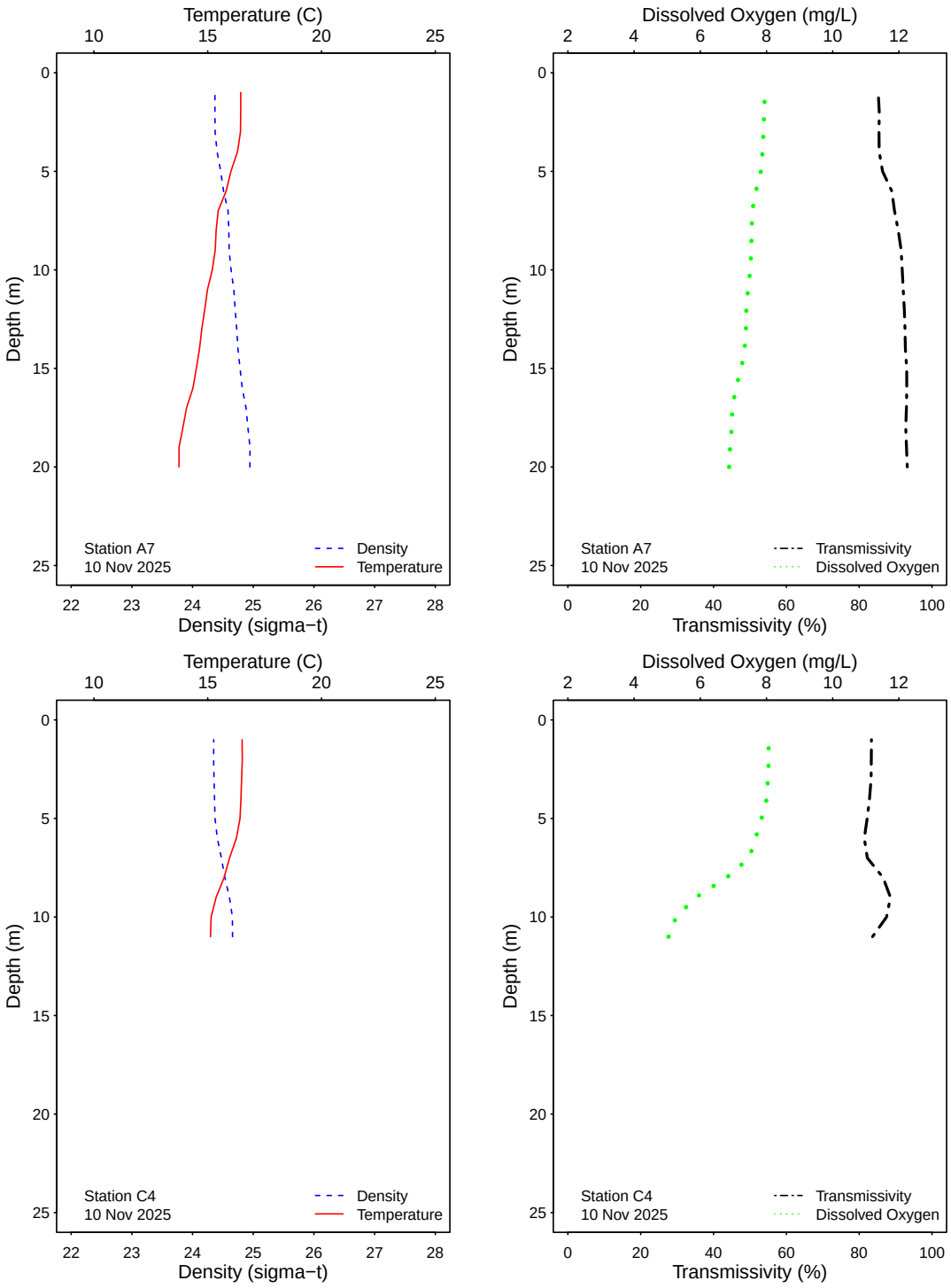

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

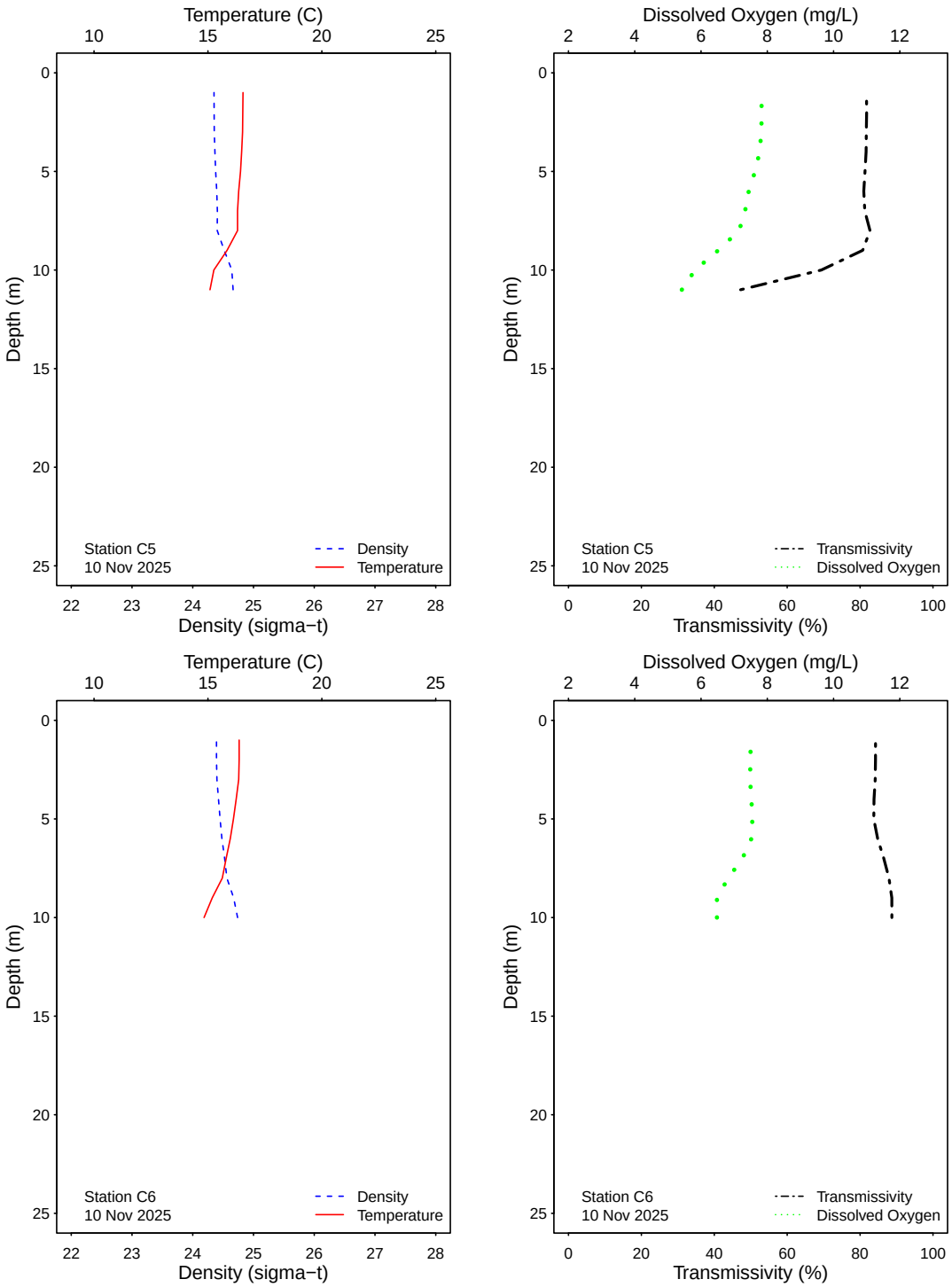

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

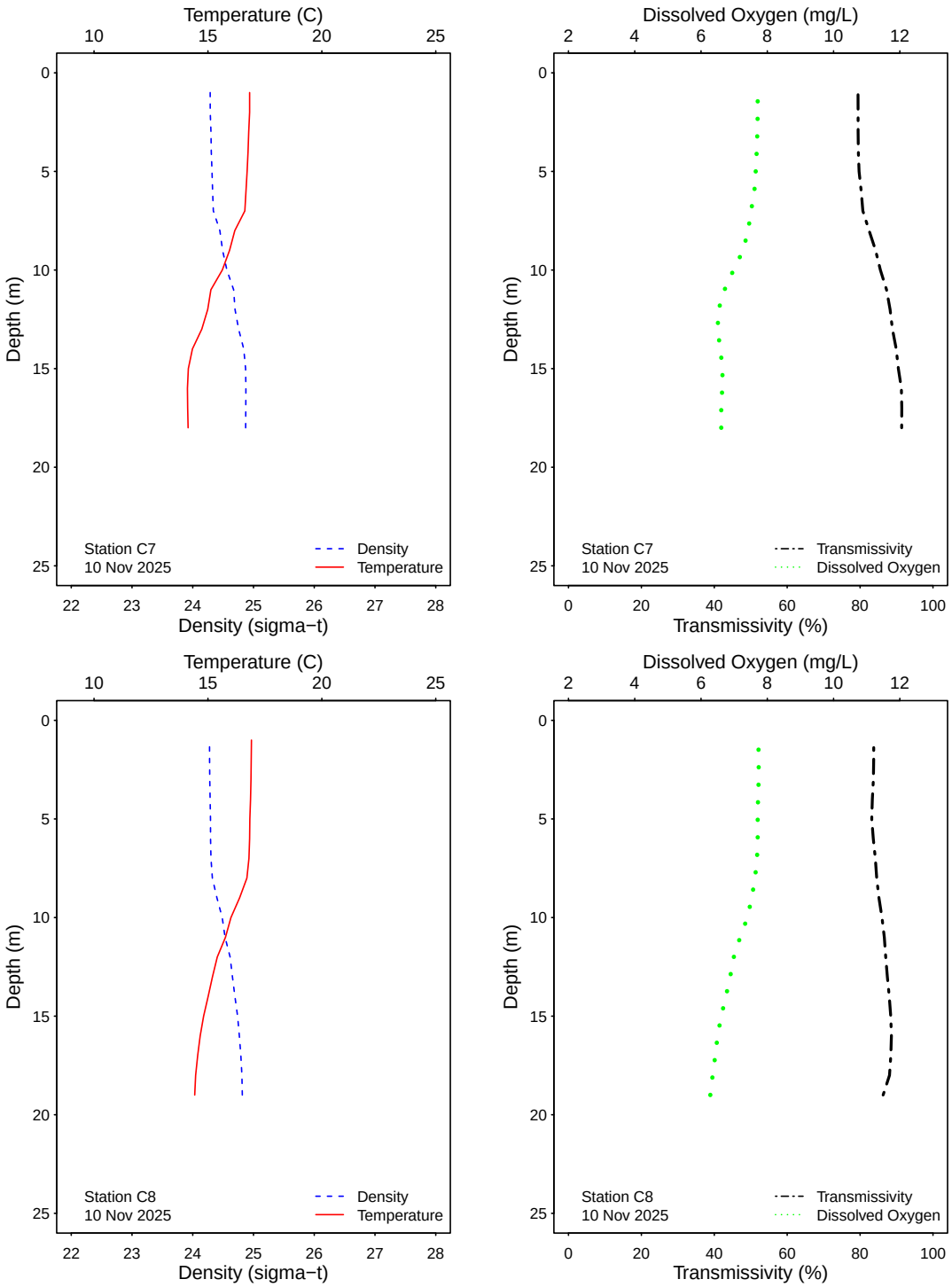

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

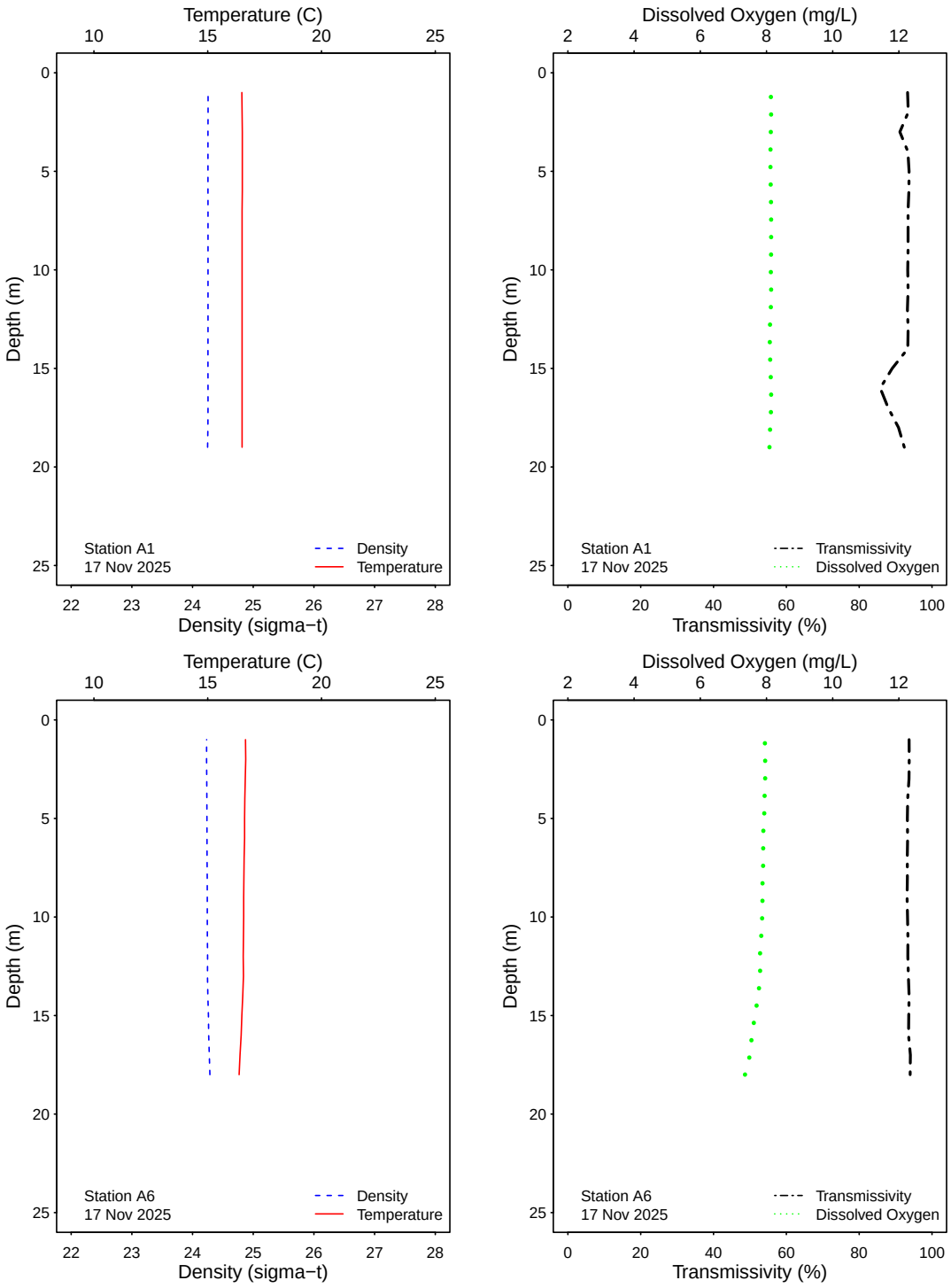

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

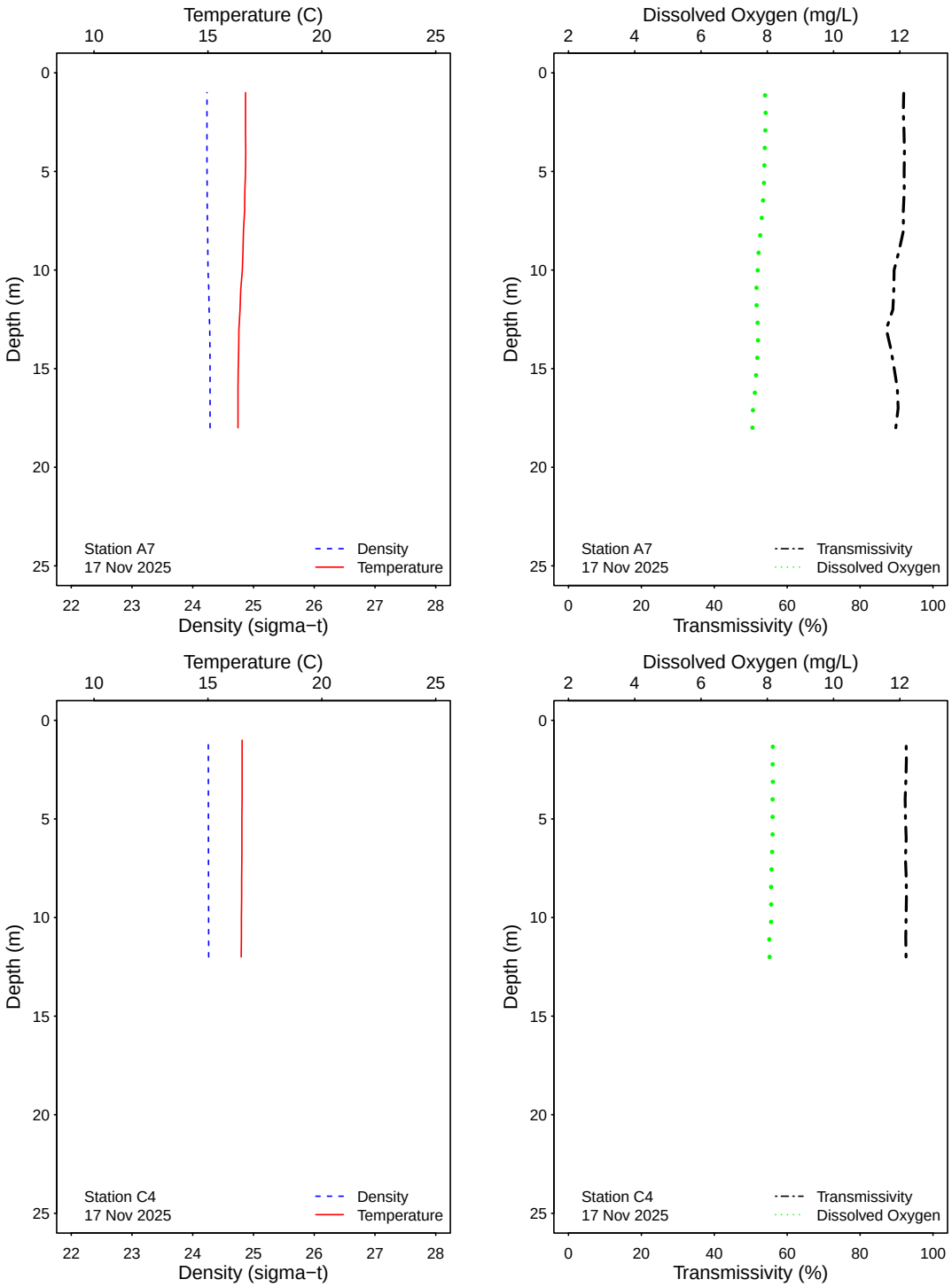

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

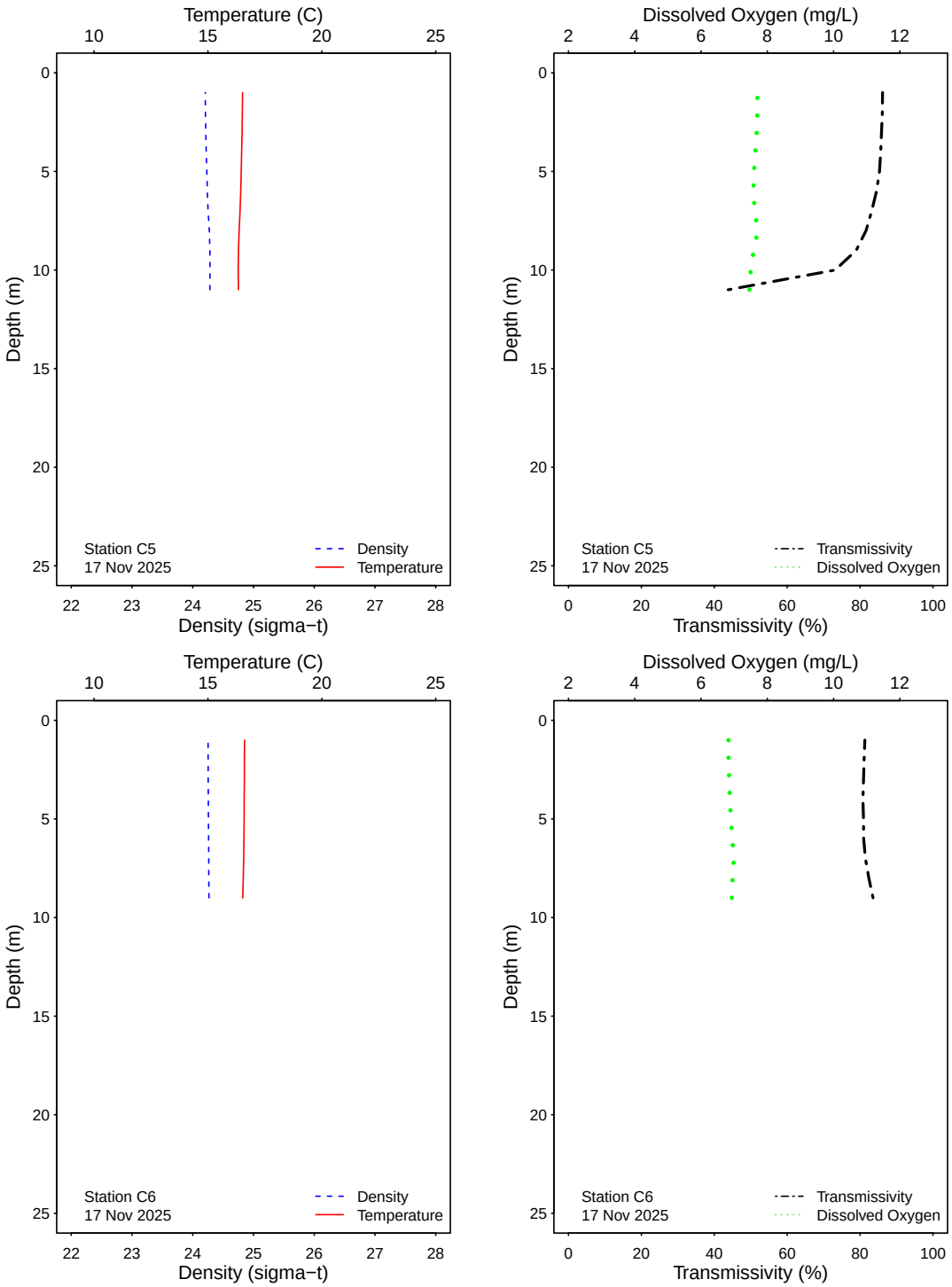

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

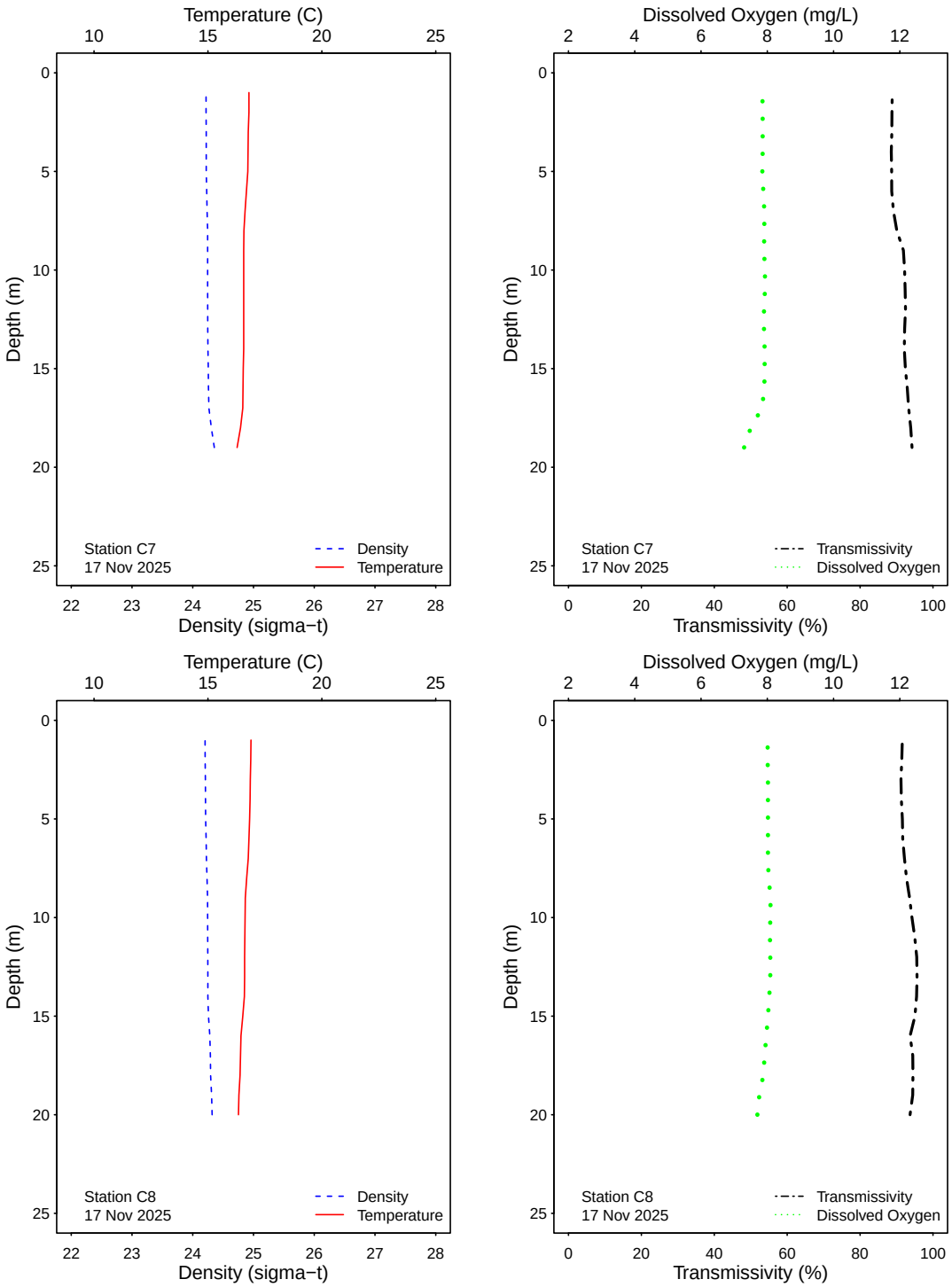

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

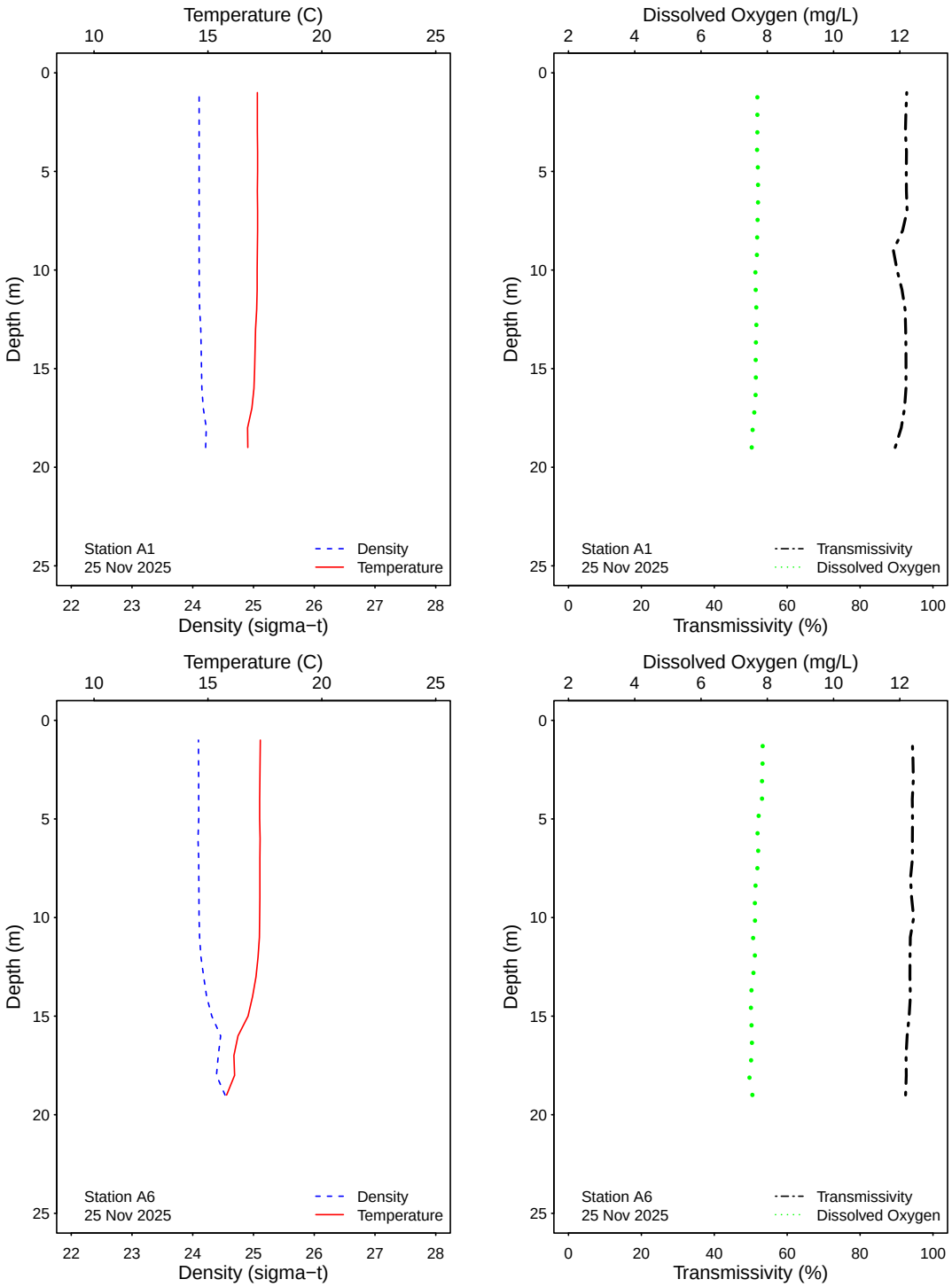

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

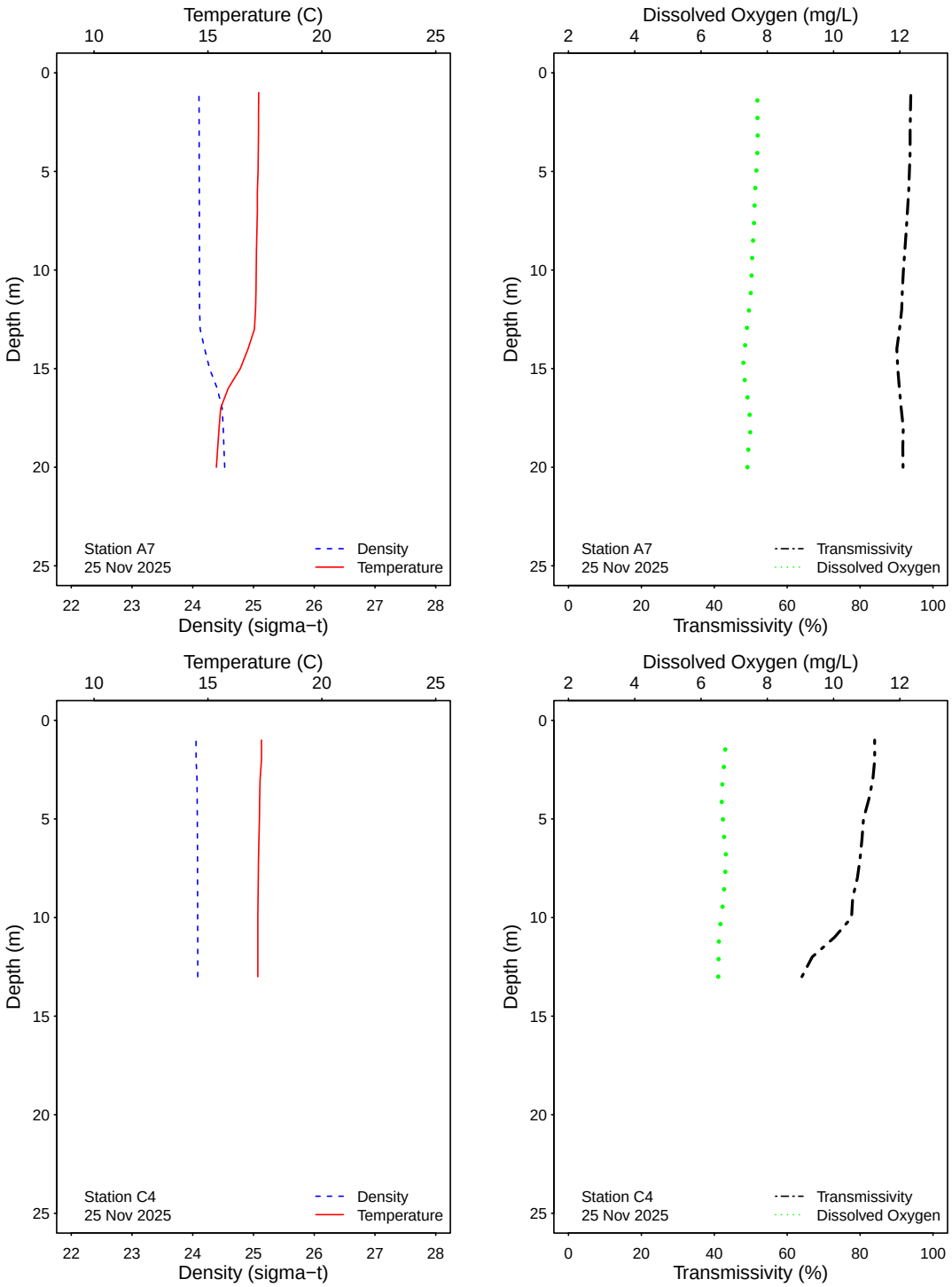

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

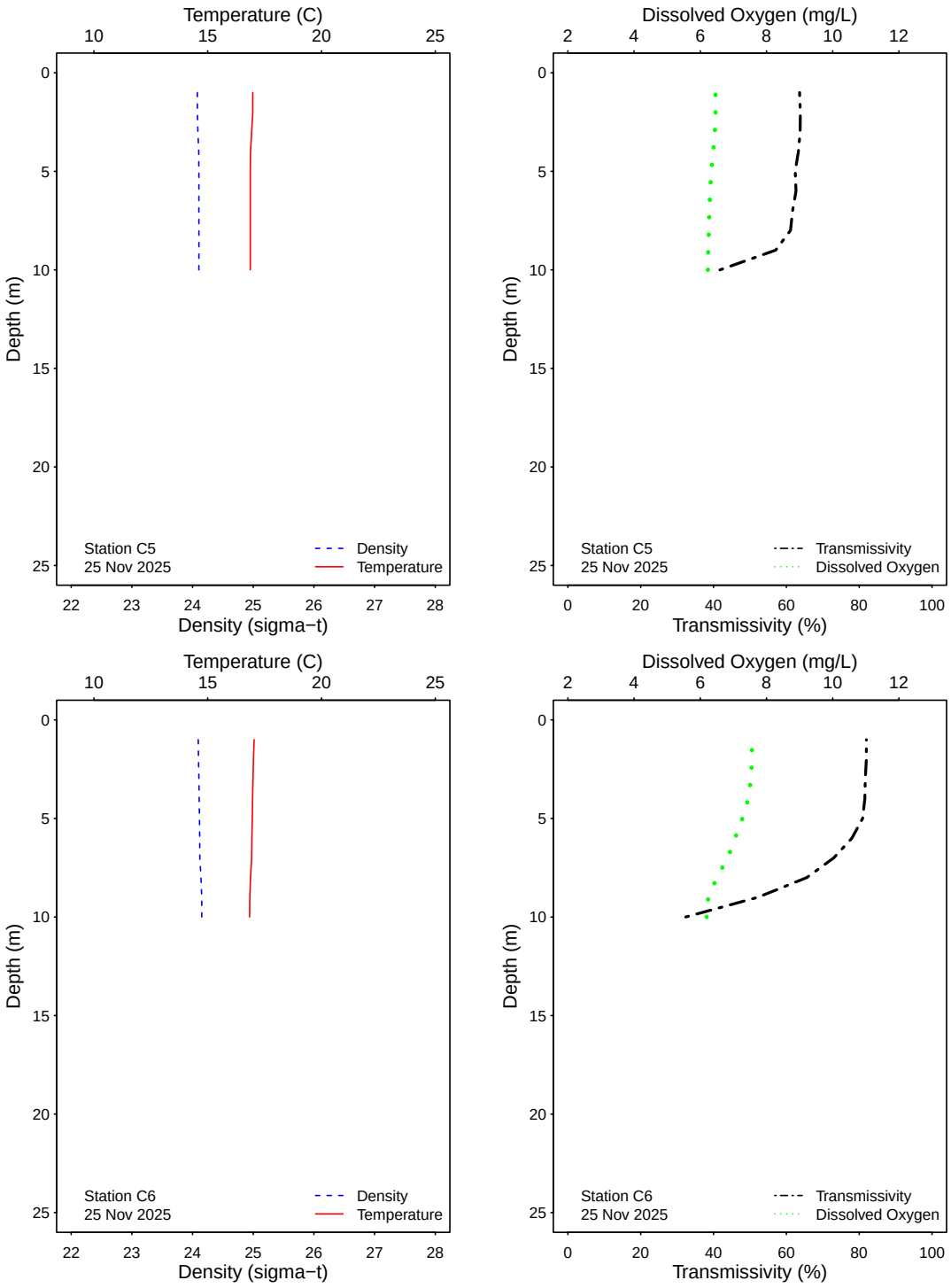

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

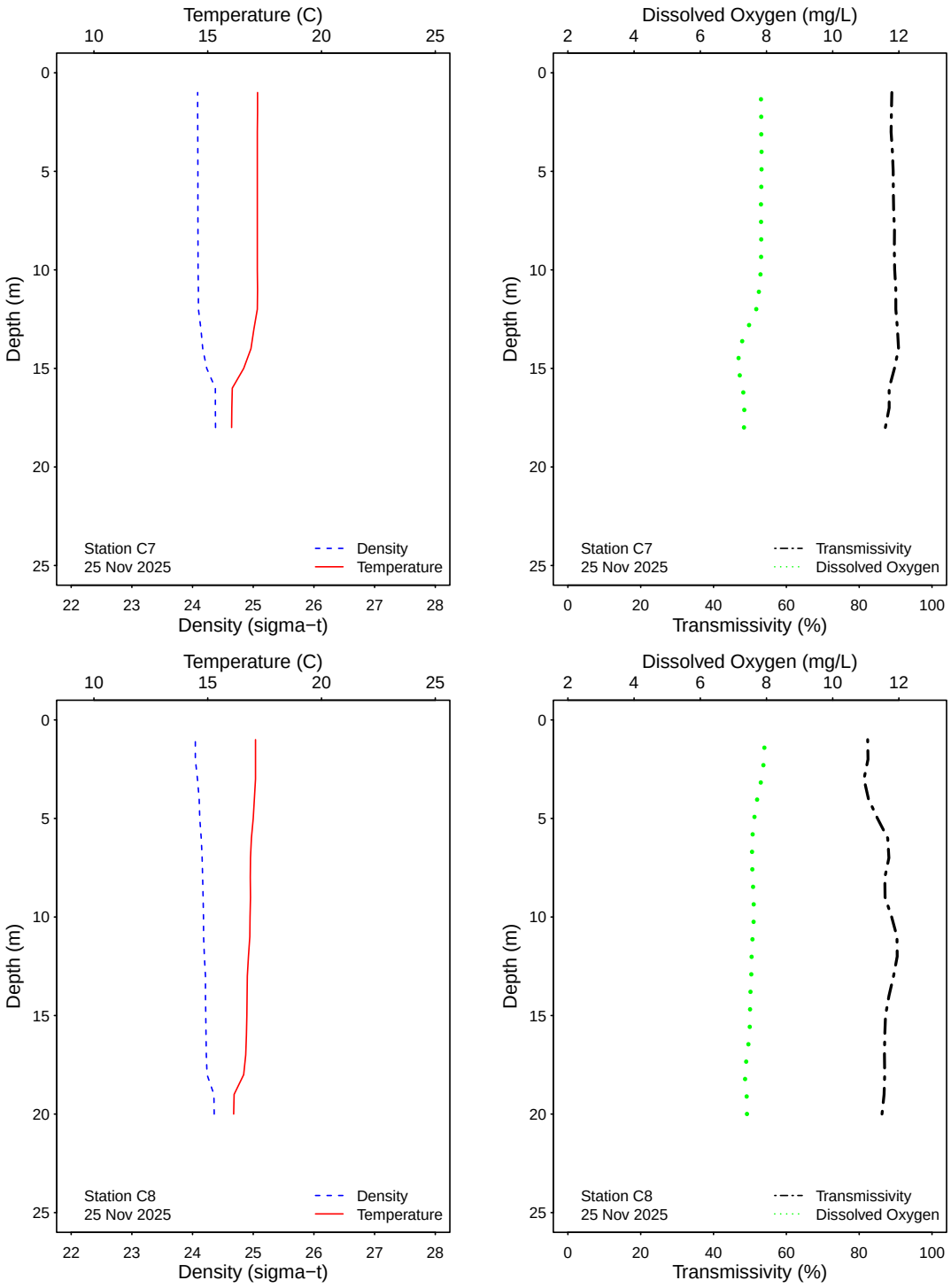

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

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Offshore Stations

Table 4.1

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

Date	F01	F02	F03	F06	F07	F08	F09	F10	F11	F12	F13	F14	F18	F19	F20
13 Nov 2025	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	ns	ns	ns
14 Nov 2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	IC	IC	IC

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

Table 4.2

Summary of water quality parameters at the PLOO offshore stations for each sample date. 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	13 Nov 2025	1145	1	<2
F01	13 Nov 2025	1145	12	<2
F01	13 Nov 2025	1145	18	<2
F02	13 Nov 2025	816	1	<2
F02	13 Nov 2025	816	12	<2
F02	13 Nov 2025	816	18	<2
F03	13 Nov 2025	830	1	<2
F03	13 Nov 2025	830	12	<2
F03	13 Nov 2025	830	18	<2
F04	13 Nov 2025	1122	1	<2
F04	13 Nov 2025	1122	25	<2
F04	13 Nov 2025	1122	60	<2
F05	13 Nov 2025	1109	1	<2
F05	13 Nov 2025	1109	25	4e
F05	13 Nov 2025	1109	60	<2
F06	13 Nov 2025	1058	1	<2
F06	13 Nov 2025	1058	25	<2
F06	13 Nov 2025	1058	60	12e
F07	13 Nov 2025	1025	1	<2
F07	13 Nov 2025	1025	25	<2
F07	13 Nov 2025	1025	60	<2
F08	13 Nov 2025	1037	1	12e
F08	13 Nov 2025	1037	25	<2
F08	13 Nov 2025	1037	60	62
F09	13 Nov 2025	1007	1	<2
F09	13 Nov 2025	1007	25	<2
F09	13 Nov 2025	1007	60	2e
F10	13 Nov 2025	953	1	<2
F10	13 Nov 2025	953	25	<2
F10	13 Nov 2025	953	60	6e
F11	13 Nov 2025	937	1	<2
F11	13 Nov 2025	937	25	<2
F11	13 Nov 2025	937	60	<2
F12	13 Nov 2025	917	1	<2
F12	13 Nov 2025	917	25	<2
F12	13 Nov 2025	917	60	<2
F13	13 Nov 2025	909	1	<2
F13	13 Nov 2025	909	25	<2
F13	13 Nov 2025	909	60	4e

Station	Date	Time	Depth	Entero
F14	13 Nov 2025	848	1	<2
F14	13 Nov 2025	848	25	<2
F14	13 Nov 2025	848	60	16e
F15	14 Nov 2025	1049	1	<2
F15	14 Nov 2025	1049	25	<2
F15	14 Nov 2025	1049	60	<2
F15	14 Nov 2025	1049	80	14e
F16	14 Nov 2025	1033	1	<2
F16	14 Nov 2025	1033	25	<2
F16	14 Nov 2025	1033	60	2e
F16	14 Nov 2025	1033	80	2e
F17	14 Nov 2025	1019	1	<2
F17	14 Nov 2025	1019	25	<2
F17	14 Nov 2025	1019	60	2e
F17	14 Nov 2025	1019	80	8e
F18	14 Nov 2025	1006	1	<2
F18	14 Nov 2025	1006	25	<2
F18	14 Nov 2025	1006	60	<2
F18	14 Nov 2025	1006	80	26e
F19	14 Nov 2025	952	1	<2
F19	14 Nov 2025	952	25	<2
F19	14 Nov 2025	952	60	<2
F19	14 Nov 2025	952	80	52
F20	14 Nov 2025	939	1	2e
F20	14 Nov 2025	939	25	<2
F20	14 Nov 2025	939	60	16e
F20	14 Nov 2025	939	80	46
F21	14 Nov 2025	918	1	<2
F21	14 Nov 2025	918	25	<2
F21	14 Nov 2025	918	60	<2
F21	14 Nov 2025	918	80	22e
F22	14 Nov 2025	905	1	<2
F22	14 Nov 2025	905	25	<2
F22	14 Nov 2025	905	60	<2
F22	14 Nov 2025	905	80	48
F23	14 Nov 2025	849	1	<2
F23	14 Nov 2025	849	25	<2
F23	14 Nov 2025	849	60	<2
F23	14 Nov 2025	849	80	24e
F24	14 Nov 2025	837	1	<2
F24	14 Nov 2025	837	25	<2
F24	14 Nov 2025	837	60	<2
F24	14 Nov 2025	837	80	58
F25	14 Nov 2025	827	1	<2
F25	14 Nov 2025	827	25	<2
F25	14 Nov 2025	827	60	<2
F25	14 Nov 2025	827	80	38e
F26	12 Nov 2025	1148	1	<2

Station	Date	Time	Depth	Entero
F26	12 Nov 2025	1148	25	<2
F26	12 Nov 2025	1148	60	<2
F26	12 Nov 2025	1148	80	20e
F26	12 Nov 2025	1148	98	14e
F27	12 Nov 2025	1132	1	<2
F27	12 Nov 2025	1132	25	<2
F27	12 Nov 2025	1132	60	<2
F27	12 Nov 2025	1132	80	110
F27	12 Nov 2025	1132	98	4e
F28	12 Nov 2025	1118	1	<2
F28	12 Nov 2025	1118	25	<2
F28	12 Nov 2025	1118	60	240e
F28	12 Nov 2025	1118	80	98
F28	12 Nov 2025	1118	98	18e
F29	12 Nov 2025	1104	1	<2
F29	12 Nov 2025	1104	25	<2
F29	12 Nov 2025	1104	60	<2
F29	12 Nov 2025	1104	80	120e
F29	12 Nov 2025	1104	98	56
F30	12 Nov 2025	1046	1	<2
F30	12 Nov 2025	1046	25	<2
F30	12 Nov 2025	1046	60	<2
F30	12 Nov 2025	1046	80	580
F30	12 Nov 2025	1046	98	440
F31	12 Nov 2025	1008	1	<2
F31	12 Nov 2025	1008	25	<2
F31	12 Nov 2025	1008	60	<2
F31	12 Nov 2025	1008	80	600
F31	12 Nov 2025	1008	98	360e
F32	12 Nov 2025	954	1	2e
F32	12 Nov 2025	954	25	<2
F32	12 Nov 2025	954	60	220e
F32	12 Nov 2025	954	80	500
F32	12 Nov 2025	954	98	260e
F33	12 Nov 2025	938	1	<2
F33	12 Nov 2025	938	25	<2
F33	12 Nov 2025	938	60	4e
F33	12 Nov 2025	938	80	140e
F33	12 Nov 2025	938	98	280e
F34	12 Nov 2025	919	1	<2
F34	12 Nov 2025	919	25	<2
F34	12 Nov 2025	919	60	<2
F34	12 Nov 2025	919	80	<2
F34	12 Nov 2025	919	98	86
F35	12 Nov 2025	856	1	<2
F35	12 Nov 2025	856	25	<2
F35	12 Nov 2025	856	60	<2
F35	12 Nov 2025	856	80	<2
F35	12 Nov 2025	856	98	22e
F36	12 Nov 2025	826	1	<2
F36	12 Nov 2025	826	25	<2

Station	Date	Time	Depth	Entero
F36	12 Nov 2025	826	60	<2
F36	12 Nov 2025	826	80	<2
F36	12 Nov 2025	826	98	8e

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	12 Nov 2025	Arrive Time	1148
F26	12 Nov 2025	Depart Time	1203
F26	12 Nov 2025	Air Temp (C)	18.4
F26	12 Nov 2025	Visibility (mi)	3
F26	12 Nov 2025	Wind Speed (kts)	12.4
F26	12 Nov 2025	Wind Dir	W
F26	12 Nov 2025	Sea State	Regular Swell
F26	12 Nov 2025	High Tide Time	1506
F26	12 Nov 2025	Low Tide Time	2206
F26	12 Nov 2025	Comments	
F15	14 Nov 2025	Arrive Time	1041
F15	14 Nov 2025	Depart Time	1049
F15	14 Nov 2025	Air Temp (C)	18.1
F15	14 Nov 2025	Visibility (mi)	7
F15	14 Nov 2025	Wind Speed (kts)	0
F15	14 Nov 2025	Wind Dir	SE
F15	14 Nov 2025	Sea State	Light Chop
F15	14 Nov 2025	High Tide Time	536
F15	14 Nov 2025	Low Tide Time	2330
F15	14 Nov 2025	Comments	OA 1m Btl# 2511147412 Nsk# 5;OA 80m Btl# 2511147413 Nsk# 1;
F04	13 Nov 2025	Arrive Time	1116
F04	13 Nov 2025	Depart Time	1122
F04	13 Nov 2025	Air Temp (C)	18
F04	13 Nov 2025	Visibility (mi)	10
F04	13 Nov 2025	Wind Speed (kts)	0.9
F04	13 Nov 2025	Wind Dir	S
F04	13 Nov 2025	Sea State	Wind Ripples
F04	13 Nov 2025	High Tide Time	506
F04	13 Nov 2025	Low Tide Time	2254
F04	13 Nov 2025	Comments	
F05	13 Nov 2025	Arrive Time	1103
F05	13 Nov 2025	Depart Time	1109
F05	13 Nov 2025	Air Temp (C)	18.1
F05	13 Nov 2025	Visibility (mi)	10
F05	13 Nov 2025	Wind Speed (kts)	0
F05	13 Nov 2025	Wind Dir	SE
F05	13 Nov 2025	Sea State	Wind Ripples
F05	13 Nov 2025	High Tide Time	506
F05	13 Nov 2025	Low Tide Time	2254
F05	13 Nov 2025	Comments	
F27	12 Nov 2025	Arrive Time	1132
F27	12 Nov 2025	Depart Time	1142
F27	12 Nov 2025	Air Temp (C)	18.6
F27	12 Nov 2025	Visibility (mi)	3
F27	12 Nov 2025	Wind Speed (kts)	9.5
F27	12 Nov 2025	Wind Dir	W
F27	12 Nov 2025	Sea State	Regular Swell
F27	12 Nov 2025	High Tide Time	1506
F27	12 Nov 2025	Low Tide Time	2206
F27	12 Nov 2025	Comments	

Station	Date	Parameter	Value
F16	14 Nov 2025	Arrive Time	1027
F16	14 Nov 2025	Depart Time	1033
F16	14 Nov 2025	Air Temp (C)	18.1
F16	14 Nov 2025	Visibility (mi)	7
F16	14 Nov 2025	Wind Speed (kts)	4.4
F16	14 Nov 2025	Wind Dir	E
F16	14 Nov 2025	Sea State	Light Chop
F16	14 Nov 2025	High Tide Time	536
F16	14 Nov 2025	Low Tide Time	2330
F16	14 Nov 2025	Comments	
F28	12 Nov 2025	Arrive Time	1118
F28	12 Nov 2025	Depart Time	1128
F28	12 Nov 2025	Air Temp (C)	18.3
F28	12 Nov 2025	Visibility (mi)	3
F28	12 Nov 2025	Wind Speed (kts)	10.8
F28	12 Nov 2025	Wind Dir	W
F28	12 Nov 2025	Sea State	Regular Swell
F28	12 Nov 2025	High Tide Time	1506
F28	12 Nov 2025	Low Tide Time	2206
F28	12 Nov 2025	Comments	
F17	14 Nov 2025	Arrive Time	1013
F17	14 Nov 2025	Depart Time	1019
F17	14 Nov 2025	Air Temp (C)	18.3
F17	14 Nov 2025	Visibility (mi)	7
F17	14 Nov 2025	Wind Speed (kts)	4.3
F17	14 Nov 2025	Wind Dir	E
F17	14 Nov 2025	Sea State	Light Chop
F17	14 Nov 2025	High Tide Time	536
F17	14 Nov 2025	Low Tide Time	2330
F17	14 Nov 2025	Comments	
F06	13 Nov 2025	Arrive Time	1050
F06	13 Nov 2025	Depart Time	1058
F06	13 Nov 2025	Air Temp (C)	17.9
F06	13 Nov 2025	Visibility (mi)	10
F06	13 Nov 2025	Wind Speed (kts)	1
F06	13 Nov 2025	Wind Dir	SE
F06	13 Nov 2025	Sea State	Wind Ripples
F06	13 Nov 2025	High Tide Time	506
F06	13 Nov 2025	Low Tide Time	2254
F06	13 Nov 2025	Comments	
F01	13 Nov 2025	Arrive Time	1136
F01	13 Nov 2025	Depart Time	1145
F01	13 Nov 2025	Air Temp (C)	18.5
F01	13 Nov 2025	Visibility (mi)	10
F01	13 Nov 2025	Wind Speed (kts)	0
F01	13 Nov 2025	Wind Dir	N
F01	13 Nov 2025	Sea State	Wind Ripples
F01	13 Nov 2025	High Tide Time	506
F01	13 Nov 2025	Low Tide Time	2254
F01	13 Nov 2025	Comments	
F29	12 Nov 2025	Arrive Time	1104
F29	12 Nov 2025	Depart Time	1113
F29	12 Nov 2025	Air Temp (C)	18.2
F29	12 Nov 2025	Visibility (mi)	3
F29	12 Nov 2025	Wind Speed (kts)	9.3
F29	12 Nov 2025	Wind Dir	W

Station	Date	Parameter	Value
F29	12 Nov 2025	Sea State	Regular Swell
F29	12 Nov 2025	High Tide Time	1506
F29	12 Nov 2025	Low Tide Time	2206
F29	12 Nov 2025	Comments	
F18	14 Nov 2025	Arrive Time	1000
F18	14 Nov 2025	Depart Time	1006
F18	14 Nov 2025	Air Temp (C)	18.6
F18	14 Nov 2025	Visibility (mi)	7
F18	14 Nov 2025	Wind Speed (kts)	9.4
F18	14 Nov 2025	Wind Dir	NE
F18	14 Nov 2025	Sea State	Light Chop
F18	14 Nov 2025	High Tide Time	536
F18	14 Nov 2025	Low Tide Time	2330
F18	14 Nov 2025	Comments	
F07	13 Nov 2025	Arrive Time	1019
F07	13 Nov 2025	Depart Time	1025
F07	13 Nov 2025	Air Temp (C)	18.3
F07	13 Nov 2025	Visibility (mi)	10
F07	13 Nov 2025	Wind Speed (kts)	0
F07	13 Nov 2025	Wind Dir	NE
F07	13 Nov 2025	Sea State	Wind Ripples
F07	13 Nov 2025	High Tide Time	506
F07	13 Nov 2025	Low Tide Time	2254
F07	13 Nov 2025	Comments	
F30	12 Nov 2025	Arrive Time	1046
F30	12 Nov 2025	Depart Time	1055
F30	12 Nov 2025	Air Temp (C)	18.1
F30	12 Nov 2025	Visibility (mi)	3
F30	12 Nov 2025	Wind Speed (kts)	0
F30	12 Nov 2025	Wind Dir	SW
F30	12 Nov 2025	Sea State	Regular Swell
F30	12 Nov 2025	High Tide Time	1506
F30	12 Nov 2025	Low Tide Time	2206
F30	12 Nov 2025	Comments	;;;
F19	14 Nov 2025	Arrive Time	946
F19	14 Nov 2025	Depart Time	952
F19	14 Nov 2025	Air Temp (C)	19
F19	14 Nov 2025	Visibility (mi)	7
F19	14 Nov 2025	Wind Speed (kts)	13.2
F19	14 Nov 2025	Wind Dir	E
F19	14 Nov 2025	Sea State	Light Chop
F19	14 Nov 2025	High Tide Time	536
F19	14 Nov 2025	Low Tide Time	2330
F19	14 Nov 2025	Comments	
F08	13 Nov 2025	Arrive Time	1031
F08	13 Nov 2025	Depart Time	1037
F08	13 Nov 2025	Air Temp (C)	17.9
F08	13 Nov 2025	Visibility (mi)	10
F08	13 Nov 2025	Wind Speed (kts)	0
F08	13 Nov 2025	Wind Dir	NE
F08	13 Nov 2025	Sea State	Wind Ripples
F08	13 Nov 2025	High Tide Time	506
F08	13 Nov 2025	Low Tide Time	2254
F08	13 Nov 2025	Comments	F08 was done after F07 due to a GPS charting issue
F31	12 Nov 2025	Arrive Time	1008

Station	Date	Parameter	Value
F31	12 Nov 2025	Depart Time	1017
F31	12 Nov 2025	Air Temp (C)	17.8
F31	12 Nov 2025	Visibility (mi)	3
F31	12 Nov 2025	Wind Speed (kts)	1.2
F31	12 Nov 2025	Wind Dir	SW
F31	12 Nov 2025	Sea State	Regular Swell
F31	12 Nov 2025	High Tide Time	1506
F31	12 Nov 2025	Low Tide Time	2206
F31	12 Nov 2025	Comments	
F20	14 Nov 2025	Arrive Time	933
F20	14 Nov 2025	Depart Time	939
F20	14 Nov 2025	Air Temp (C)	19.1
F20	14 Nov 2025	Visibility (mi)	7
F20	14 Nov 2025	Wind Speed (kts)	13.7
F20	14 Nov 2025	Wind Dir	NE
F20	14 Nov 2025	Sea State	Light Chop
F20	14 Nov 2025	High Tide Time	536
F20	14 Nov 2025	Low Tide Time	2330
F20	14 Nov 2025	Comments	First cast drifted off station; came up and adjusted to be back on station
F09	13 Nov 2025	Arrive Time	1000
F09	13 Nov 2025	Depart Time	1007
F09	13 Nov 2025	Air Temp (C)	18.1
F09	13 Nov 2025	Visibility (mi)	10
F09	13 Nov 2025	Wind Speed (kts)	0
F09	13 Nov 2025	Wind Dir	SE
F09	13 Nov 2025	Sea State	Wind Ripples
F09	13 Nov 2025	High Tide Time	506
F09	13 Nov 2025	Low Tide Time	2254
F09	13 Nov 2025	Comments	
F32	12 Nov 2025	Arrive Time	954
F32	12 Nov 2025	Depart Time	1004
F32	12 Nov 2025	Air Temp (C)	17.7
F32	12 Nov 2025	Visibility (mi)	3
F32	12 Nov 2025	Wind Speed (kts)	1.2
F32	12 Nov 2025	Wind Dir	S
F32	12 Nov 2025	Sea State	Regular Swell
F32	12 Nov 2025	High Tide Time	1506
F32	12 Nov 2025	Low Tide Time	2206
F32	12 Nov 2025	Comments	
F21	14 Nov 2025	Arrive Time	911
F21	14 Nov 2025	Depart Time	918
F21	14 Nov 2025	Air Temp (C)	18.9
F21	14 Nov 2025	Visibility (mi)	7
F21	14 Nov 2025	Wind Speed (kts)	11
F21	14 Nov 2025	Wind Dir	SE
F21	14 Nov 2025	Sea State	Light Chop
F21	14 Nov 2025	High Tide Time	536
F21	14 Nov 2025	Low Tide Time	2330
F21	14 Nov 2025	Comments	
F10	13 Nov 2025	Arrive Time	946
F10	13 Nov 2025	Depart Time	953
F10	13 Nov 2025	Air Temp (C)	17.3
F10	13 Nov 2025	Visibility (mi)	5
F10	13 Nov 2025	Wind Speed (kts)	5.7
F10	13 Nov 2025	Wind Dir	SW

Station	Date	Parameter	Value
F10	13 Nov 2025	Sea State	Wind Ripples
F10	13 Nov 2025	High Tide Time	506
F10	13 Nov 2025	Low Tide Time	2254
F10	13 Nov 2025	Comments	
F33	12 Nov 2025	Arrive Time	938
F33	12 Nov 2025	Depart Time	950
F33	12 Nov 2025	Air Temp (C)	17.6
F33	12 Nov 2025	Visibility (mi)	3
F33	12 Nov 2025	Wind Speed (kts)	1.5
F33	12 Nov 2025	Wind Dir	NE
F33	12 Nov 2025	Sea State	Regular Swell
F33	12 Nov 2025	High Tide Time	1506
F33	12 Nov 2025	Low Tide Time	2206
F33	12 Nov 2025	Comments	
F22	14 Nov 2025	Arrive Time	857
F22	14 Nov 2025	Depart Time	905
F22	14 Nov 2025	Air Temp (C)	18.9
F22	14 Nov 2025	Visibility (mi)	7
F22	14 Nov 2025	Wind Speed (kts)	10.1
F22	14 Nov 2025	Wind Dir	E
F22	14 Nov 2025	Sea State	Light Chop
F22	14 Nov 2025	High Tide Time	536
F22	14 Nov 2025	Low Tide Time	2330
F22	14 Nov 2025	Comments	
F11	13 Nov 2025	Arrive Time	927
F11	13 Nov 2025	Depart Time	937
F11	13 Nov 2025	Air Temp (C)	17.2
F11	13 Nov 2025	Visibility (mi)	5
F11	13 Nov 2025	Wind Speed (kts)	0
F11	13 Nov 2025	Wind Dir	SE
F11	13 Nov 2025	Sea State	Wind Ripples
F11	13 Nov 2025	High Tide Time	506
F11	13 Nov 2025	Low Tide Time	2254
F11	13 Nov 2025	Comments	
F34	12 Nov 2025	Arrive Time	919
F34	12 Nov 2025	Depart Time	929
F34	12 Nov 2025	Air Temp (C)	17.9
F34	12 Nov 2025	Visibility (mi)	3
F34	12 Nov 2025	Wind Speed (kts)	0
F34	12 Nov 2025	Wind Dir	SE
F34	12 Nov 2025	Sea State	Regular Swell
F34	12 Nov 2025	High Tide Time	1506
F34	12 Nov 2025	Low Tide Time	2206
F34	12 Nov 2025	Comments	
F12	13 Nov 2025	Arrive Time	911
F12	13 Nov 2025	Depart Time	917
F12	13 Nov 2025	Air Temp (C)	17
F12	13 Nov 2025	Visibility (mi)	5
F12	13 Nov 2025	Wind Speed (kts)	4.5
F12	13 Nov 2025	Wind Dir	SW
F12	13 Nov 2025	Sea State	Wind Ripples
F12	13 Nov 2025	High Tide Time	506
F12	13 Nov 2025	Low Tide Time	2254
F12	13 Nov 2025	Comments	
F02	13 Nov 2025	Arrive Time	810

Station	Date	Parameter	Value
F02	13 Nov 2025	Depart Time	816
F02	13 Nov 2025	Air Temp (C)	15.2
F02	13 Nov 2025	Visibility (mi)	1
F02	13 Nov 2025	Wind Speed (kts)	4.9
F02	13 Nov 2025	Wind Dir	NE
F02	13 Nov 2025	Sea State	Wind Ripples
F02	13 Nov 2025	High Tide Time	506
F02	13 Nov 2025	Low Tide Time	2254
F02	13 Nov 2025	Comments	Lobster Floats
F35	12 Nov 2025	Arrive Time	856
F35	12 Nov 2025	Depart Time	910
F35	12 Nov 2025	Air Temp (C)	17.2
F35	12 Nov 2025	Visibility (mi)	3
F35	12 Nov 2025	Wind Speed (kts)	3.9
F35	12 Nov 2025	Wind Dir	E
F35	12 Nov 2025	Sea State	Regular Swell
F35	12 Nov 2025	High Tide Time	1506
F35	12 Nov 2025	Low Tide Time	2206
F35	12 Nov 2025	Comments	OA 1m Btl# 2511127402 Nsk# 6;OA 60m Btl# 2511127403 Nsk# 4;OA 100m Btl# 2511127404 Nsk# 1;OA 100m-dup Btl# 2511127405 Nsk# 2;
F24	14 Nov 2025	Arrive Time	829
F24	14 Nov 2025	Depart Time	837
F24	14 Nov 2025	Air Temp (C)	18.7
F24	14 Nov 2025	Visibility (mi)	7
F24	14 Nov 2025	Wind Speed (kts)	13.3
F24	14 Nov 2025	Wind Dir	E
F24	14 Nov 2025	Sea State	Light Chop
F24	14 Nov 2025	High Tide Time	536
F24	14 Nov 2025	Low Tide Time	2330
F24	14 Nov 2025	Comments	
F13	13 Nov 2025	Arrive Time	853
F13	13 Nov 2025	Depart Time	909
F13	13 Nov 2025	Air Temp (C)	16.7
F13	13 Nov 2025	Visibility (mi)	5
F13	13 Nov 2025	Wind Speed (kts)	1.2
F13	13 Nov 2025	Wind Dir	E
F13	13 Nov 2025	Sea State	Wind Ripples
F13	13 Nov 2025	High Tide Time	506
F13	13 Nov 2025	Low Tide Time	2254
F13	13 Nov 2025	Comments	OA 1m Btl# 2511137410 Nsk# 4;OA 60m Btl# 2511137411 Nsk# 1;
F36	12 Nov 2025	Arrive Time	826
F36	12 Nov 2025	Depart Time	848
F36	12 Nov 2025	Air Temp (C)	17.2
F36	12 Nov 2025	Visibility (mi)	3
F36	12 Nov 2025	Wind Speed (kts)	4.8
F36	12 Nov 2025	Wind Dir	NE
F36	12 Nov 2025	Sea State	Regular Swell
F36	12 Nov 2025	High Tide Time	1506
F36	12 Nov 2025	Low Tide Time	2206
F36	12 Nov 2025	Comments	First cast bottle #4 didn’t properly close. Second cast good
F25	14 Nov 2025	Arrive Time	816
F25	14 Nov 2025	Depart Time	827
F25	14 Nov 2025	Air Temp (C)	18.3
F25	14 Nov 2025	Visibility (mi)	7

Station	Date	Parameter	Value
F25	14 Nov 2025	Wind Speed (kts)	19.1
F25	14 Nov 2025	Wind Dir	E
F25	14 Nov 2025	Sea State	Light Chop
F25	14 Nov 2025	High Tide Time	536
F25	14 Nov 2025	Low Tide Time	2330
F25	14 Nov 2025	Comments	
F14	13 Nov 2025	Arrive Time	840
F14	13 Nov 2025	Depart Time	848
F14	13 Nov 2025	Air Temp (C)	16.3
F14	13 Nov 2025	Visibility (mi)	5
F14	13 Nov 2025	Wind Speed (kts)	2.2
F14	13 Nov 2025	Wind Dir	SW
F14	13 Nov 2025	Sea State	Wind Ripples
F14	13 Nov 2025	High Tide Time	506
F14	13 Nov 2025	Low Tide Time	2254
F14	13 Nov 2025	Comments	
F03	13 Nov 2025	Arrive Time	825
F03	13 Nov 2025	Depart Time	830
F03	13 Nov 2025	Air Temp (C)	15.8
F03	13 Nov 2025	Visibility (mi)	5
F03	13 Nov 2025	Wind Speed (kts)	4.4
F03	13 Nov 2025	Wind Dir	E
F03	13 Nov 2025	Sea State	Wind Ripples
F03	13 Nov 2025	High Tide Time	506
F03	13 Nov 2025	Low Tide Time	2254
F03	13 Nov 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	12 Nov 2025	1	17.33	87.41	8.1	33.37	8.1	24.2	1.34
F26	12 Nov 2025	2	17.30	87.4	8.1	33.37	8.1	24.2	1.35
F26	12 Nov 2025	3	17.27	87.39	8.1	33.37	8.1	24.2	1.46
F26	12 Nov 2025	4	17.23	87.27	8.1	33.37	8.1	24.2	1.58
F26	12 Nov 2025	5	17.06	86.87	8.1	33.37	8.1	24.2	1.85
F26	12 Nov 2025	6	17.01	86.43	8.1	33.36	8.1	24.3	2.36
F26	12 Nov 2025	7	16.99	86.78	8.1	33.36	8.1	24.3	2.60
F26	12 Nov 2025	8	16.90	86.7	8.1	33.36	8.1	24.3	2.74
F26	12 Nov 2025	9	16.84	85.79	8.2	33.36	8.1	24.3	3.34
F26	12 Nov 2025	10	16.73	85.19	8.2	33.35	8.1	24.3	3.78
F26	12 Nov 2025	11	16.63	85.86	8.1	33.35	8.1	24.3	3.72
F26	12 Nov 2025	12	16.60	85.67	8.1	33.34	8.1	24.3	3.59
F26	12 Nov 2025	13	16.53	85.59	8.1	33.34	8.1	24.4	3.45
F26	12 Nov 2025	14	16.48	86.45	8.1	33.34	8.1	24.4	3.22
F26	12 Nov 2025	15	16.33	87.02	7.9	33.34	8.1	24.4	3.05
F26	12 Nov 2025	16	15.98	89.54	7.9	33.34	8.1	24.5	2.33
F26	12 Nov 2025	17	15.82	90.75	7.8	33.33	8.1	24.5	2.05
F26	12 Nov 2025	18	15.70	91.03	7.7	33.33	8.1	24.5	1.98
F26	12 Nov 2025	19	15.27	91.88	7.6	33.34	8.0	24.6	1.83
F26	12 Nov 2025	20	14.98	93.3	7.4	33.33	8.0	24.7	1.51
F26	12 Nov 2025	21	14.63	93.68	7.3	33.32	8.0	24.8	1.42
F26	12 Nov 2025	22	14.49	94.23	7.3	33.31	8.0	24.8	1.34
F26	12 Nov 2025	23	14.39	94.52	7.2	33.31	8.0	24.8	1.29
F26	12 Nov 2025	24	14.35	94.63	7.2	33.31	8.0	24.8	1.23
F26	12 Nov 2025	25	14.34	94.63	7.2	33.31	8.0	24.8	1.20
F26	12 Nov 2025	26	14.31	94.76	7.2	33.31	8.0	24.8	1.20
F26	12 Nov 2025	27	14.28	94.69	7.2	33.31	8.0	24.8	1.18
F26	12 Nov 2025	28	14.19	94.75	7.2	33.31	8.0	24.8	1.17
F26	12 Nov 2025	29	14.06	95.05	7.1	33.31	8.0	24.9	1.12
F26	12 Nov 2025	30	13.88	95.32	7.1	33.31	8.0	24.9	1.06
F26	12 Nov 2025	31	13.76	95.45	7.1	33.31	8.0	24.9	1.02
F26	12 Nov 2025	32	13.73	95.45	7.0	33.31	8.0	24.9	1.04
F26	12 Nov 2025	33	13.63	95.52	7.0	33.31	8.0	25.0	1.04
F26	12 Nov 2025	34	13.58	95.42	6.9	33.32	8.0	25.0	0.97
F26	12 Nov 2025	35	13.53	95.62	6.9	33.31	8.0	25.0	0.95
F26	12 Nov 2025	36	13.48	95.76	6.9	33.31	8.0	25.0	0.92
F26	12 Nov 2025	37	13.44	95.86	7.0	33.30	8.0	25.0	0.92
F26	12 Nov 2025	38	13.39	95.98	7.0	33.30	8.0	25.0	0.91
F26	12 Nov 2025	39	13.23	96.3	7.0	33.29	8.0	25.0	0.81
F26	12 Nov 2025	40	13.11	96.56	7.0	33.28	8.0	25.0	0.76
F26	12 Nov 2025	41	13.06	96.67	7.0	33.28	8.0	25.0	0.69
F26	12 Nov 2025	42	12.99	96.8	7.0	33.28	8.0	25.1	0.66
F26	12 Nov 2025	43	12.95	96.91	7.0	33.28	8.0	25.1	0.62
F26	12 Nov 2025	44	12.92	96.98	7.0	33.28	8.0	25.1	0.63
F26	12 Nov 2025	45	12.87	97.03	7.0	33.29	8.0	25.1	0.58
F26	12 Nov 2025	46	12.84	96.98	6.9	33.30	8.0	25.1	0.56
F26	12 Nov 2025	47	12.82	97	6.9	33.30	8.0	25.1	0.55
F26	12 Nov 2025	48	12.82	96.91	6.9	33.30	8.0	25.1	0.55
F26	12 Nov 2025	49	12.81	97.03	6.9	33.30	8.0	25.1	0.54
F26	12 Nov 2025	50	12.80	97.1	6.9	33.30	8.0	25.1	0.53
F26	12 Nov 2025	51	12.78	97.09	6.8	33.31	8.0	25.1	0.54
F26	12 Nov 2025	52	12.74	97.08	6.8	33.31	8.0	25.1	0.52
F26	12 Nov 2025	53	12.71	97.14	6.8	33.32	7.9	25.1	0.53
F26	12 Nov 2025	54	12.68	97.16	6.7	33.33	7.9	25.2	0.48
F26	12 Nov 2025	55	12.60	97.19	6.6	33.34	7.9	25.2	0.47

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F26	12 Nov 2025	56	12.51	97.16	6.6	33.36	7.9	25.2	0.43
F26	12 Nov 2025	57	12.50	97.26	6.5	33.37	7.9	25.2	0.42
F26	12 Nov 2025	58	12.46	97.28	6.3	33.39	7.9	25.2	0.41
F26	12 Nov 2025	59	12.43	97.24	6.2	33.40	7.9	25.3	0.37
F26	12 Nov 2025	60	12.42	97.22	6.1	33.41	7.9	25.3	0.37
F26	12 Nov 2025	61	12.42	97.2	6.1	33.41	7.9	25.3	0.35
F26	12 Nov 2025	62	12.38	97.2	6.0	33.42	7.9	25.3	0.33
F26	12 Nov 2025	63	12.33	97.22	5.9	33.43	7.9	25.3	0.30
F26	12 Nov 2025	64	12.32	97.22	5.9	33.44	7.9	25.3	0.31
F26	12 Nov 2025	65	12.30	97.21	5.8	33.44	7.9	25.3	0.28
F26	12 Nov 2025	66	12.24	97.28	5.8	33.44	7.9	25.3	0.27
F26	12 Nov 2025	67	12.20	97.3	5.8	33.44	7.9	25.3	0.26
F26	12 Nov 2025	68	12.12	97.33	5.8	33.45	7.9	25.4	0.23
F26	12 Nov 2025	69	12.02	97.35	5.8	33.46	7.9	25.4	0.20
F26	12 Nov 2025	70	11.89	97.3	5.7	33.48	7.8	25.4	0.17
F26	12 Nov 2025	71	11.82	97.21	5.6	33.49	7.8	25.4	0.14
F26	12 Nov 2025	72	11.81	96.99	5.5	33.50	7.8	25.5	0.14
F26	12 Nov 2025	73	11.75	96.78	5.4	33.52	7.8	25.5	0.14
F26	12 Nov 2025	74	11.69	96.77	5.3	33.53	7.8	25.5	0.12
F26	12 Nov 2025	75	11.66	96.8	5.3	33.54	7.8	25.5	0.12
F26	12 Nov 2025	76	11.63	96.75	5.3	33.54	7.8	25.5	0.11
F26	12 Nov 2025	77	11.63	96.69	5.2	33.54	7.8	25.5	0.11
F26	12 Nov 2025	78	11.62	96.6	5.2	33.55	7.8	25.5	0.11
F26	12 Nov 2025	79	11.60	96.56	5.2	33.55	7.8	25.5	0.11
F26	12 Nov 2025	80	11.54	96.52	5.1	33.56	7.8	25.6	0.11
F26	12 Nov 2025	81	11.51	96.42	5.1	33.57	7.8	25.6	0.11
F26	12 Nov 2025	82	11.50	96.33	5.1	33.57	7.8	25.6	0.11
F26	12 Nov 2025	83	11.46	96.27	5.0	33.58	7.8	25.6	0.11
F26	12 Nov 2025	84	11.42	96.07	5.0	33.59	7.8	25.6	0.10
F26	12 Nov 2025	85	11.30	95.5	4.9	33.62	7.8	25.6	0.10
F26	12 Nov 2025	86	11.21	95.1	4.8	33.64	7.8	25.7	0.09
F26	12 Nov 2025	87	11.19	94.76	4.7	33.64	7.8	25.7	0.09
F26	12 Nov 2025	88	11.16	94.59	4.7	33.65	7.8	25.7	0.09
F26	12 Nov 2025	89	11.14	94.44	4.7	33.66	7.8	25.7	0.09
F26	12 Nov 2025	90	11.09	94.48	4.6	33.67	7.8	25.7	0.09
F26	12 Nov 2025	91	11.07	94.48	4.6	33.67	7.8	25.7	0.08
F26	12 Nov 2025	92	11.01	94.45	4.5	33.69	7.8	25.8	0.09
F26	12 Nov 2025	93	10.99	94.29	4.5	33.69	7.8	25.8	0.08
F26	12 Nov 2025	94	10.98	94.16	4.5	33.69	7.8	25.8	0.08
F26	12 Nov 2025	95	10.98	94.04	4.5	33.69	7.8	25.8	0.08
F26	12 Nov 2025	96	10.98	94.09	4.5	33.70	7.8	25.8	0.08
F26	12 Nov 2025	97	10.97	93.95	4.5	33.70	7.8	25.8	0.08
F26	12 Nov 2025	98	10.97	93.92	4.5	33.70	7.8	25.8	0.08
F26	12 Nov 2025	99	10.97	93.83	4.5	33.70	7.8	25.8	0.08
F15	14 Nov 2025	1	16.75	90.2	8.3	33.31	8.1	24.3	1.95
F15	14 Nov 2025	2	16.74	90.05	8.3	33.32	8.1	24.3	1.88
F15	14 Nov 2025	3	16.72	90.07	8.3	33.32	8.1	24.3	2.00
F15	14 Nov 2025	4	16.70	90.29	8.3	33.32	8.1	24.3	1.97
F15	14 Nov 2025	5	16.62	90.24	8.3	33.32	8.1	24.3	1.95
F15	14 Nov 2025	6	16.51	90.64	8.3	33.32	8.1	24.3	1.94
F15	14 Nov 2025	7	16.41	91.07	8.3	33.32	8.1	24.4	1.82
F15	14 Nov 2025	8	16.31	91.99	8.2	33.32	8.1	24.4	1.76
F15	14 Nov 2025	9	16.07	91.85	8.1	33.31	8.0	24.4	1.71
F15	14 Nov 2025	10	15.88	92.33	8.1	33.31	8.0	24.5	1.67
F15	14 Nov 2025	11	15.84	92.85	8.0	33.30	8.0	24.5	1.69
F15	14 Nov 2025	12	15.78	93.06	8.0	33.30	8.0	24.5	1.68
F15	14 Nov 2025	13	15.73	92.87	8.0	33.30	8.0	24.5	1.69
F15	14 Nov 2025	14	15.64	92.91	8.0	33.30	8.0	24.5	1.63
F15	14 Nov 2025	15	15.61	93.06	8.0	33.30	8.0	24.5	1.53
F15	14 Nov 2025	16	15.58	93.39	7.9	33.30	8.0	24.5	1.48

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F15	14 Nov 2025	17	15.37	93.63	7.8	33.31	8.0	24.6	1.47
F15	14 Nov 2025	18	14.94	94.11	7.7	33.31	8.0	24.7	1.10
F15	14 Nov 2025	19	14.76	94.7	7.6	33.30	8.0	24.7	0.98
F15	14 Nov 2025	20	14.64	95.67	7.5	33.30	8.0	24.7	0.84
F15	14 Nov 2025	21	14.43	95.95	7.5	33.30	8.0	24.8	0.77
F15	14 Nov 2025	22	14.31	96.28	7.4	33.30	8.0	24.8	0.74
F15	14 Nov 2025	23	14.25	96.56	7.4	33.30	8.0	24.8	0.77
F15	14 Nov 2025	24	14.18	96.46	7.4	33.29	8.0	24.8	0.74
F15	14 Nov 2025	25	14.15	96.58	7.3	33.29	8.0	24.8	0.72
F15	14 Nov 2025	26	14.15	96.58	7.3	33.29	8.0	24.8	0.71
F15	14 Nov 2025	27	14.12	96.49	7.3	33.30	8.0	24.8	0.73
F15	14 Nov 2025	28	14.03	96.68	7.2	33.30	8.0	24.9	0.79
F15	14 Nov 2025	29	13.89	96.68	7.2	33.30	8.0	24.9	0.72
F15	14 Nov 2025	30	13.86	96.78	7.2	33.30	8.0	24.9	0.66
F15	14 Nov 2025	31	13.82	96.77	7.1	33.30	8.0	24.9	0.75
F15	14 Nov 2025	32	13.78	96.74	7.1	33.30	8.0	24.9	0.73
F15	14 Nov 2025	33	13.66	96.65	7.0	33.31	8.0	25.0	0.75
F15	14 Nov 2025	34	13.53	96.56	6.9	33.32	7.9	25.0	0.72
F15	14 Nov 2025	35	13.41	96.66	6.8	33.32	7.9	25.0	0.71
F15	14 Nov 2025	36	13.32	96.72	6.8	33.33	7.9	25.0	0.69
F15	14 Nov 2025	37	13.27	96.76	6.7	33.33	7.9	25.0	0.68
F15	14 Nov 2025	38	13.26	96.76	6.7	33.33	7.9	25.0	0.66
F15	14 Nov 2025	39	13.21	96.75	6.6	33.34	7.9	25.1	0.66
F15	14 Nov 2025	40	13.16	96.59	6.6	33.34	7.9	25.1	0.67
F15	14 Nov 2025	41	13.15	96.46	6.5	33.34	7.9	25.1	0.66
F15	14 Nov 2025	42	13.13	96.53	6.3	33.35	7.9	25.1	0.65
F15	14 Nov 2025	43	13.10	95.95	6.2	33.36	7.9	25.1	0.68
F15	14 Nov 2025	44	13.08	94.39	6.1	33.36	7.9	25.1	0.65
F15	14 Nov 2025	45	13.07	93.7	6.1	33.36	7.9	25.1	0.61
F15	14 Nov 2025	46	13.03	93.76	6.2	33.36	7.9	25.1	0.61
F15	14 Nov 2025	47	12.99	94.22	6.2	33.36	7.9	25.1	0.63
F15	14 Nov 2025	48	12.97	94.84	6.2	33.36	7.9	25.1	0.60
F15	14 Nov 2025	49	12.96	95.04	6.2	33.36	7.9	25.1	0.59
F15	14 Nov 2025	50	12.96	95.44	6.2	33.36	7.9	25.1	0.59
F15	14 Nov 2025	51	12.95	95.57	6.2	33.36	7.9	25.1	0.58
F15	14 Nov 2025	52	12.94	95.57	6.1	33.37	7.9	25.1	0.56
F15	14 Nov 2025	53	12.93	95.47	6.1	33.37	7.9	25.1	0.56
F15	14 Nov 2025	54	12.92	95	6.1	33.37	7.9	25.1	0.55
F15	14 Nov 2025	55	12.91	95.12	6.0	33.37	7.9	25.2	0.57
F15	14 Nov 2025	56	12.90	95.09	6.0	33.38	7.9	25.2	0.56
F15	14 Nov 2025	57	12.90	94.98	6.0	33.38	7.9	25.2	0.55
F15	14 Nov 2025	58	12.89	94.84	6.0	33.38	7.9	25.2	0.54
F15	14 Nov 2025	59	12.89	94.7	6.0	33.38	7.9	25.2	0.54
F15	14 Nov 2025	60	12.89	94.5	6.0	33.38	7.9	25.2	0.54
F15	14 Nov 2025	61	12.89	94.52	6.0	33.38	7.9	25.2	0.53
F15	14 Nov 2025	62	12.89	94.56	6.0	33.38	7.9	25.2	0.54
F15	14 Nov 2025	63	12.88	94.58	6.0	33.38	7.9	25.2	0.53
F15	14 Nov 2025	64	12.88	94.55	6.0	33.38	7.9	25.2	0.52
F15	14 Nov 2025	65	12.88	94.49	6.0	33.38	7.9	25.2	0.52
F15	14 Nov 2025	66	12.88	94.57	6.0	33.38	7.8	25.2	0.53
F15	14 Nov 2025	67	12.88	94.51	6.0	33.38	7.8	25.2	0.52
F15	14 Nov 2025	68	12.88	94.29	5.9	33.38	7.8	25.2	0.49
F15	14 Nov 2025	69	12.88	94.19	5.9	33.38	7.8	25.2	0.51
F15	14 Nov 2025	70	12.88	94.44	5.9	33.38	7.8	25.2	0.53
F15	14 Nov 2025	71	12.88	94.4	5.9	33.38	7.8	25.2	0.53
F15	14 Nov 2025	72	12.87	94.36	5.9	33.38	7.8	25.2	0.52
F15	14 Nov 2025	73	12.81	94.22	5.8	33.39	7.8	25.2	0.50
F15	14 Nov 2025	74	12.66	93.94	5.8	33.41	7.8	25.2	0.45
F15	14 Nov 2025	75	12.56	93.29	5.7	33.42	7.8	25.3	0.38
F15	14 Nov 2025	76	12.52	92.59	5.7	33.42	7.8	25.3	0.34
F15	14 Nov 2025	77	12.52	92.3	5.6	33.42	7.8	25.3	0.34

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F15	14 Nov 2025	78	12.51	92.31	5.6	33.42	7.8	25.3	0.33
F15	14 Nov 2025	79	12.40	92.31	5.6	33.44	7.8	25.3	0.32
F15	14 Nov 2025	80	12.26	92.43	5.5	33.45	7.8	25.3	0.29
F15	14 Nov 2025	81	12.15	92.19	5.4	33.47	7.8	25.4	0.25
F04	13 Nov 2025	1	16.85	91.88	8.4	33.33	8.1	24.3	0.55
F04	13 Nov 2025	2	16.72	91.83	8.4	33.32	8.1	24.3	0.51
F04	13 Nov 2025	3	16.67	91.86	8.4	33.32	8.1	24.3	0.57
F04	13 Nov 2025	4	16.63	91.82	8.4	33.32	8.1	24.3	0.66
F04	13 Nov 2025	5	16.59	91.79	8.4	33.32	8.1	24.3	0.85
F04	13 Nov 2025	6	16.53	91.62	8.4	33.32	8.1	24.3	1.05
F04	13 Nov 2025	7	16.46	90.96	8.4	33.31	8.1	24.3	1.32
F04	13 Nov 2025	8	16.41	90.72	8.4	33.31	8.1	24.4	1.55
F04	13 Nov 2025	9	16.39	90.73	8.4	33.31	8.1	24.4	1.69
F04	13 Nov 2025	10	16.28	90.8	8.4	33.31	8.1	24.4	1.78
F04	13 Nov 2025	11	16.19	90.96	8.3	33.31	8.1	24.4	1.81
F04	13 Nov 2025	12	15.89	91.19	8.1	33.31	8.1	24.5	1.86
F04	13 Nov 2025	13	15.47	91.8	8.0	33.29	8.1	24.6	1.68
F04	13 Nov 2025	14	15.38	92.34	7.9	33.28	8.1	24.6	1.55
F04	13 Nov 2025	15	15.28	92.99	7.8	33.26	8.1	24.6	1.54
F04	13 Nov 2025	16	15.16	93.33	7.7	33.26	8.0	24.6	1.51
F04	13 Nov 2025	17	15.06	93.61	7.6	33.26	8.0	24.6	1.38
F04	13 Nov 2025	18	14.85	93.94	7.6	33.28	8.0	24.7	1.20
F04	13 Nov 2025	19	14.72	94.45	7.6	33.29	8.0	24.7	1.02
F04	13 Nov 2025	20	14.58	94.98	7.5	33.30	8.0	24.8	0.96
F04	13 Nov 2025	21	14.46	95.53	7.5	33.30	8.0	24.8	0.86
F04	13 Nov 2025	22	14.40	95.95	7.4	33.30	8.0	24.8	0.84
F04	13 Nov 2025	23	14.26	96.25	7.3	33.30	8.0	24.8	0.81
F04	13 Nov 2025	24	14.05	96.43	7.3	33.30	8.0	24.9	0.76
F04	13 Nov 2025	25	14.02	96.59	7.2	33.30	8.0	24.9	0.70
F04	13 Nov 2025	26	13.97	96.68	7.2	33.30	8.0	24.9	0.70
F04	13 Nov 2025	27	13.89	96.73	7.1	33.31	8.0	24.9	0.68
F04	13 Nov 2025	28	13.79	96.68	7.0	33.31	8.0	24.9	0.67
F04	13 Nov 2025	29	13.69	96.41	6.8	33.31	8.0	24.9	0.73
F04	13 Nov 2025	30	13.67	95.35	6.6	33.31	8.0	25.0	0.78
F04	13 Nov 2025	31	13.64	94.37	6.6	33.32	8.0	25.0	0.77
F04	13 Nov 2025	32	13.62	93.79	6.5	33.32	8.0	25.0	0.92
F04	13 Nov 2025	33	13.60	92.28	6.5	33.32	8.0	25.0	0.90
F04	13 Nov 2025	34	13.59	91.9	6.6	33.32	8.0	25.0	0.86
F04	13 Nov 2025	35	13.58	92.8	6.6	33.32	8.0	25.0	0.83
F04	13 Nov 2025	36	13.58	93.52	6.5	33.32	8.0	25.0	0.84
F04	13 Nov 2025	37	13.57	93.82	6.5	33.32	8.0	25.0	0.82
F04	13 Nov 2025	38	13.54	93.73	6.4	33.32	8.0	25.0	0.81
F04	13 Nov 2025	39	13.51	93.03	6.3	33.33	7.9	25.0	0.98
F04	13 Nov 2025	40	13.47	91.35	6.3	33.33	7.9	25.0	0.89
F04	13 Nov 2025	41	13.45	91.22	6.3	33.34	7.9	25.0	0.87
F04	13 Nov 2025	42	13.44	92.09	6.3	33.34	7.9	25.0	0.88
F04	13 Nov 2025	43	13.36	92.45	6.3	33.34	7.9	25.0	0.86
F04	13 Nov 2025	44	13.33	92.86	6.3	33.34	7.9	25.0	0.77
F04	13 Nov 2025	45	13.30	93.36	6.3	33.35	7.9	25.1	0.75
F04	13 Nov 2025	46	13.30	93.47	6.3	33.35	7.9	25.1	0.73
F04	13 Nov 2025	47	13.24	93.5	6.3	33.35	7.9	25.1	0.72
F04	13 Nov 2025	48	13.18	93.68	6.2	33.35	7.9	25.1	0.65
F04	13 Nov 2025	49	13.17	94.11	6.2	33.35	7.9	25.1	0.64
F04	13 Nov 2025	50	13.16	94.2	6.2	33.35	7.9	25.1	0.62
F04	13 Nov 2025	51	13.16	94.23	6.2	33.35	7.9	25.1	0.62
F04	13 Nov 2025	52	13.12	94.28	6.2	33.36	7.9	25.1	0.61
F04	13 Nov 2025	53	13.10	94.37	6.2	33.36	7.9	25.1	0.59
F04	13 Nov 2025	54	13.08	94.27	6.1	33.36	7.9	25.1	0.57
F04	13 Nov 2025	55	13.07	94.07	6.1	33.36	7.9	25.1	0.57
F04	13 Nov 2025	56	13.06	94.14	6.1	33.37	7.9	25.1	0.56

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F04	13 Nov 2025	57	13.04	94.06	6.1	33.37	7.9	25.1	0.57
F04	13 Nov 2025	58	13.03	93.85	6.0	33.37	7.9	25.1	0.54
F04	13 Nov 2025	59	13.00	93.37	6.0	33.37	7.9	25.1	0.53
F04	13 Nov 2025	60	12.90	92.88	5.9	33.38	7.9	25.2	0.49
F04	13 Nov 2025	61	12.81	92.25	5.9	33.39	7.9	25.2	0.47
F05	13 Nov 2025	1	16.79	91.08	8.4	33.32	8.1	24.3	0.79
F05	13 Nov 2025	2	16.70	90.83	8.4	33.33	8.1	24.3	0.80
F05	13 Nov 2025	3	16.64	90.86	8.4	33.32	8.1	24.3	0.94
F05	13 Nov 2025	4	16.62	91.03	8.4	33.32	8.1	24.3	1.00
F05	13 Nov 2025	5	16.61	90.89	8.4	33.32	8.1	24.3	1.01
F05	13 Nov 2025	6	16.59	91.02	8.4	33.32	8.1	24.3	1.07
F05	13 Nov 2025	7	16.56	90.96	8.4	33.32	8.1	24.3	1.18
F05	13 Nov 2025	8	16.54	90.95	8.4	33.32	8.1	24.3	1.41
F05	13 Nov 2025	9	16.52	90.86	8.4	33.32	8.1	24.3	1.57
F05	13 Nov 2025	10	16.50	90.88	8.4	33.32	8.1	24.3	1.76
F05	13 Nov 2025	11	16.49	90.91	8.4	33.32	8.1	24.3	1.90
F05	13 Nov 2025	12	16.43	90.89	8.3	33.32	8.1	24.4	2.01
F05	13 Nov 2025	13	16.21	90.94	8.1	33.33	8.1	24.4	2.16
F05	13 Nov 2025	14	15.67	91.29	8.0	33.32	8.1	24.5	1.97
F05	13 Nov 2025	15	15.36	92.23	7.9	33.30	8.1	24.6	1.62
F05	13 Nov 2025	16	15.21	92.83	7.8	33.28	8.1	24.6	1.62
F05	13 Nov 2025	17	15.05	93.65	7.7	33.27	8.0	24.6	1.34
F05	13 Nov 2025	18	14.95	94.05	7.6	33.26	8.0	24.6	1.23
F05	13 Nov 2025	19	14.89	94.23	7.6	33.26	8.0	24.7	1.17
F05	13 Nov 2025	20	14.78	94.36	7.6	33.26	8.0	24.7	1.10
F05	13 Nov 2025	21	14.56	94.49	7.5	33.27	8.0	24.7	1.06
F05	13 Nov 2025	22	14.22	94.51	7.5	33.29	8.0	24.8	0.86
F05	13 Nov 2025	23	14.05	94.84	7.3	33.30	8.0	24.9	0.74
F05	13 Nov 2025	24	13.90	95.04	6.8	33.30	8.0	24.9	0.76
F05	13 Nov 2025	25	13.89	92.55	6.7	33.30	8.0	24.9	0.78
F05	13 Nov 2025	26	13.89	90.45	6.6	33.30	8.0	24.9	0.79
F05	13 Nov 2025	27	13.88	89.99	6.6	33.30	8.0	24.9	0.79
F05	13 Nov 2025	28	13.87	89.94	6.6	33.30	8.0	24.9	0.80
F05	13 Nov 2025	29	13.87	89.64	6.5	33.30	8.0	24.9	0.79
F05	13 Nov 2025	30	13.87	89.58	6.5	33.31	8.0	24.9	0.80
F05	13 Nov 2025	31	13.86	89.59	6.5	33.31	8.0	24.9	0.80
F05	13 Nov 2025	32	13.85	89.51	6.5	33.31	8.0	24.9	0.79
F05	13 Nov 2025	33	13.83	89.09	6.4	33.31	8.0	24.9	0.81
F05	13 Nov 2025	34	13.83	88.66	6.4	33.31	7.9	24.9	0.80
F05	13 Nov 2025	35	13.81	88.13	6.3	33.31	7.9	24.9	0.78
F05	13 Nov 2025	36	13.76	87.79	6.3	33.32	7.9	24.9	0.80
F05	13 Nov 2025	37	13.74	87.61	6.3	33.32	7.9	24.9	0.83
F05	13 Nov 2025	38	13.72	87.58	6.3	33.32	7.9	24.9	0.78
F05	13 Nov 2025	39	13.70	87.87	6.3	33.32	7.9	24.9	0.79
F05	13 Nov 2025	40	13.62	87.92	6.3	33.32	7.9	25.0	0.78
F05	13 Nov 2025	41	13.54	88.55	6.3	33.33	7.9	25.0	0.75
F05	13 Nov 2025	42	13.53	89.46	6.3	33.33	7.9	25.0	0.75
F05	13 Nov 2025	43	13.47	90.05	6.3	33.33	7.9	25.0	0.79
F05	13 Nov 2025	44	13.44	90.48	6.3	33.34	7.9	25.0	0.78
F05	13 Nov 2025	45	13.42	90.9	6.2	33.34	7.9	25.0	0.75
F05	13 Nov 2025	46	13.41	90.98	6.2	33.34	7.9	25.0	0.72
F05	13 Nov 2025	47	13.41	90.92	6.2	33.34	7.9	25.0	0.70
F05	13 Nov 2025	48	13.40	90.97	6.2	33.34	7.9	25.0	0.70
F05	13 Nov 2025	49	13.38	90.78	6.2	33.34	7.9	25.0	0.70
F05	13 Nov 2025	50	13.31	90.65	6.1	33.35	7.9	25.1	0.66
F05	13 Nov 2025	51	13.27	90.44	6.1	33.35	7.9	25.1	0.60
F05	13 Nov 2025	52	13.23	90.27	6.1	33.35	7.9	25.1	0.58
F05	13 Nov 2025	53	13.18	90.49	6.1	33.36	7.9	25.1	0.56
F05	13 Nov 2025	54	13.14	90.61	6.1	33.36	7.9	25.1	0.56
F05	13 Nov 2025	55	13.10	90.74	6.1	33.36	7.9	25.1	0.54

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F05	13 Nov 2025	56	13.07	90.79	6.0	33.37	7.9	25.1	0.53
F05	13 Nov 2025	57	13.03	90.97	6.0	33.37	7.9	25.1	0.53
F05	13 Nov 2025	58	13.02	90.91	6.0	33.37	7.9	25.1	0.53
F05	13 Nov 2025	59	12.98	91.41	6.0	33.37	7.9	25.1	0.53
F05	13 Nov 2025	60	12.74	91.48	5.9	33.40	7.9	25.2	0.47
F05	13 Nov 2025	61	12.65	91.4	5.8	33.40	7.9	25.2	0.40
F05	13 Nov 2025	62	12.63	90.8	5.8	33.40	7.9	25.2	0.39
F27	12 Nov 2025	1	18.54	93.61	8.0	33.41	8.1	23.9	0.49
F27	12 Nov 2025	2	18.52	93.88	8.0	33.41	8.1	23.9	0.48
F27	12 Nov 2025	3	18.48	93.88	8.0	33.41	8.1	23.9	0.53
F27	12 Nov 2025	4	18.29	93.72	8.0	33.41	8.1	24.0	0.63
F27	12 Nov 2025	5	18.10	93.14	8.0	33.40	8.1	24.0	0.75
F27	12 Nov 2025	6	17.76	92.33	8.0	33.39	8.1	24.1	1.04
F27	12 Nov 2025	7	17.60	90.57	8.0	33.38	8.1	24.1	1.60
F27	12 Nov 2025	8	17.52	89.57	8.0	33.38	8.1	24.1	1.88
F27	12 Nov 2025	9	17.44	89.45	8.0	33.38	8.1	24.2	1.93
F27	12 Nov 2025	10	17.28	89.23	8.0	33.37	8.1	24.2	1.99
F27	12 Nov 2025	11	17.19	89.34	8.0	33.37	8.1	24.2	2.04
F27	12 Nov 2025	12	17.09	89.7	8.0	33.37	8.1	24.2	2.06
F27	12 Nov 2025	13	17.01	90.02	7.9	33.37	8.1	24.3	2.04
F27	12 Nov 2025	14	16.89	89.39	8.0	33.36	8.1	24.3	2.15
F27	12 Nov 2025	15	16.72	88.34	8.0	33.35	8.1	24.3	2.43
F27	12 Nov 2025	16	16.52	88.29	7.9	33.35	8.1	24.4	2.51
F27	12 Nov 2025	17	16.07	89.17	7.8	33.34	8.1	24.5	2.34
F27	12 Nov 2025	18	16.00	90.07	7.8	33.34	8.1	24.5	2.28
F27	12 Nov 2025	19	15.86	90.21	7.7	33.33	8.1	24.5	2.19
F27	12 Nov 2025	20	15.78	90.39	7.7	33.33	8.1	24.5	2.10
F27	12 Nov 2025	21	15.62	90.95	7.7	33.33	8.1	24.6	1.98
F27	12 Nov 2025	22	15.32	91.86	7.6	33.33	8.0	24.6	1.84
F27	12 Nov 2025	23	14.83	93.15	7.5	33.32	8.0	24.7	1.63
F27	12 Nov 2025	24	14.56	93.64	7.4	33.32	8.0	24.8	1.51
F27	12 Nov 2025	25	14.24	94.1	7.3	33.31	8.0	24.8	1.40
F27	12 Nov 2025	26	14.17	94.45	7.3	33.30	8.0	24.8	1.30
F27	12 Nov 2025	27	14.14	94.61	7.3	33.30	8.0	24.8	1.30
F27	12 Nov 2025	28	14.10	94.57	7.2	33.30	8.0	24.9	1.31
F27	12 Nov 2025	29	14.07	94.73	7.2	33.30	8.0	24.9	1.25
F27	12 Nov 2025	30	14.01	94.81	7.2	33.31	8.0	24.9	1.25
F27	12 Nov 2025	31	13.92	94.96	7.2	33.31	8.0	24.9	1.19
F27	12 Nov 2025	32	13.83	95.17	7.1	33.31	8.0	24.9	1.19
F27	12 Nov 2025	33	13.75	95.15	7.1	33.31	8.0	24.9	1.14
F27	12 Nov 2025	34	13.70	95.34	7.1	33.31	8.0	24.9	1.10
F27	12 Nov 2025	35	13.68	95.39	7.0	33.31	8.0	24.9	1.08
F27	12 Nov 2025	36	13.66	95.43	7.0	33.31	8.0	24.9	1.08
F27	12 Nov 2025	37	13.63	95.49	7.0	33.31	8.0	25.0	1.09
F27	12 Nov 2025	38	13.58	95.51	7.0	33.31	8.0	25.0	1.06
F27	12 Nov 2025	39	13.54	95.65	7.0	33.30	8.0	25.0	1.04
F27	12 Nov 2025	40	13.51	95.61	7.0	33.30	8.0	25.0	1.07
F27	12 Nov 2025	41	13.33	95.9	7.0	33.30	8.0	25.0	1.01
F27	12 Nov 2025	42	13.20	96.14	7.0	33.30	8.0	25.0	0.95
F27	12 Nov 2025	43	13.14	96.27	7.0	33.30	8.0	25.0	0.86
F27	12 Nov 2025	44	13.06	96.44	7.0	33.29	8.0	25.1	0.82
F27	12 Nov 2025	45	13.02	96.65	7.0	33.28	8.0	25.1	0.74
F27	12 Nov 2025	46	13.01	96.71	7.0	33.28	8.0	25.1	0.76
F27	12 Nov 2025	47	13.01	96.61	7.0	33.28	8.0	25.1	0.73
F27	12 Nov 2025	48	13.00	96.67	7.0	33.28	8.0	25.1	0.72
F27	12 Nov 2025	49	12.98	96.72	7.0	33.28	8.0	25.1	0.72
F27	12 Nov 2025	50	12.95	96.75	7.0	33.29	8.0	25.1	0.70
F27	12 Nov 2025	51	12.94	96.79	6.9	33.30	8.0	25.1	0.70
F27	12 Nov 2025	52	12.91	96.81	6.9	33.30	8.0	25.1	0.67
F27	12 Nov 2025	53	12.88	96.81	6.9	33.31	8.0	25.1	0.64

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F27	12 Nov 2025	54	12.87	96.84	6.8	33.31	8.0	25.1	0.62
F27	12 Nov 2025	55	12.86	96.89	6.8	33.31	7.9	25.1	0.61
F27	12 Nov 2025	56	12.85	96.84	6.8	33.32	7.9	25.1	0.61
F27	12 Nov 2025	57	12.84	96.88	6.7	33.32	7.9	25.1	0.61
F27	12 Nov 2025	58	12.79	96.77	6.6	33.34	7.9	25.1	0.59
F27	12 Nov 2025	59	12.78	96.83	6.6	33.34	7.9	25.1	0.61
F27	12 Nov 2025	60	12.75	96.76	6.5	33.35	7.9	25.2	0.56
F27	12 Nov 2025	61	12.69	96.62	6.4	33.36	7.9	25.2	0.55
F27	12 Nov 2025	62	12.61	96.87	6.4	33.36	7.9	25.2	0.53
F27	12 Nov 2025	63	12.53	97.03	6.4	33.36	7.9	25.2	0.45
F27	12 Nov 2025	64	12.47	97.01	6.4	33.37	7.9	25.2	0.41
F27	12 Nov 2025	65	12.46	97.08	6.4	33.37	7.9	25.2	0.40
F27	12 Nov 2025	66	12.45	97.04	6.4	33.37	7.9	25.2	0.39
F27	12 Nov 2025	67	12.44	97.04	6.3	33.37	7.9	25.2	0.40
F27	12 Nov 2025	68	12.38	97.12	6.3	33.38	7.9	25.3	0.38
F27	12 Nov 2025	69	12.32	97.03	6.2	33.40	7.9	25.3	0.34
F27	12 Nov 2025	70	12.30	96.92	6.0	33.41	7.9	25.3	0.31
F27	12 Nov 2025	71	12.30	96.81	6.0	33.41	7.9	25.3	0.30
F27	12 Nov 2025	72	12.28	96.7	5.9	33.42	7.9	25.3	0.29
F27	12 Nov 2025	73	12.23	96.64	5.8	33.43	7.9	25.3	0.28
F27	12 Nov 2025	74	12.20	96.56	5.8	33.43	7.9	25.3	0.25
F27	12 Nov 2025	75	12.17	96.73	5.8	33.44	7.9	25.3	0.24
F27	12 Nov 2025	76	12.10	96.76	5.8	33.44	7.8	25.4	0.22
F27	12 Nov 2025	77	12.00	96.68	5.7	33.46	7.8	25.4	0.20
F27	12 Nov 2025	78	11.96	96.54	5.6	33.46	7.8	25.4	0.18
F27	12 Nov 2025	79	11.91	96.41	5.5	33.46	7.8	25.4	0.16
F27	12 Nov 2025	80	11.88	96.31	5.4	33.47	7.8	25.4	0.15
F27	12 Nov 2025	81	11.86	96.18	5.4	33.47	7.8	25.4	0.14
F27	12 Nov 2025	82	11.81	96.29	5.4	33.48	7.8	25.4	0.13
F27	12 Nov 2025	83	11.69	96.27	5.3	33.51	7.8	25.5	0.12
F27	12 Nov 2025	84	11.61	96.39	5.2	33.54	7.8	25.5	0.12
F27	12 Nov 2025	85	11.59	96.48	5.2	33.54	7.8	25.5	0.11
F27	12 Nov 2025	86	11.56	96.56	5.2	33.55	7.8	25.5	0.11
F27	12 Nov 2025	87	11.56	96.61	5.2	33.55	7.8	25.5	0.11
F27	12 Nov 2025	88	11.53	96.63	5.1	33.56	7.8	25.6	0.11
F27	12 Nov 2025	89	11.49	96.68	5.1	33.57	7.8	25.6	0.11
F27	12 Nov 2025	90	11.44	96.54	5.0	33.58	7.8	25.6	0.10
F27	12 Nov 2025	91	11.33	96.3	4.9	33.61	7.8	25.6	0.10
F27	12 Nov 2025	92	11.16	96.08	4.8	33.65	7.8	25.7	0.09
F27	12 Nov 2025	93	11.03	95.93	4.7	33.68	7.8	25.7	0.09
F27	12 Nov 2025	94	10.94	95.69	4.6	33.70	7.8	25.8	0.08
F27	12 Nov 2025	95	10.92	95.74	4.5	33.70	7.8	25.8	0.07
F27	12 Nov 2025	96	10.91	95.7	4.5	33.70	7.7	25.8	0.07
F27	12 Nov 2025	97	10.91	95.65	4.4	33.71	7.7	25.8	0.07
F27	12 Nov 2025	98	10.91	95.49	4.4	33.71	7.7	25.8	0.08
F27	12 Nov 2025	99	10.91	95.38	4.4	33.71	7.7	25.8	0.07
F27	12 Nov 2025	100	10.91	95.22	4.4	33.71	7.7	25.8	0.07
F16	14 Nov 2025	1	17.53	89.19	8.2	33.36	8.1	24.1	2.24
F16	14 Nov 2025	2	17.53	89.25	8.2	33.36	8.1	24.1	2.19
F16	14 Nov 2025	3	17.53	89.36	8.2	33.36	8.1	24.1	2.29
F16	14 Nov 2025	4	17.53	89	8.2	33.36	8.1	24.1	2.26
F16	14 Nov 2025	5	17.53	88.94	8.2	33.36	8.1	24.1	2.29
F16	14 Nov 2025	6	17.34	89.35	8.1	33.36	8.1	24.2	2.29
F16	14 Nov 2025	7	17.15	89.75	8.2	33.35	8.1	24.2	2.12
F16	14 Nov 2025	8	16.94	90.17	8.2	33.34	8.1	24.3	2.01
F16	14 Nov 2025	9	16.59	90.59	8.2	33.33	8.1	24.3	1.88
F16	14 Nov 2025	10	16.44	91.1	8.2	33.32	8.1	24.4	1.72
F16	14 Nov 2025	11	16.38	91.91	8.2	33.32	8.1	24.4	1.66
F16	14 Nov 2025	12	16.28	92.02	8.1	33.31	8.1	24.4	1.61
F16	14 Nov 2025	13	15.96	92.33	8.0	33.30	8.0	24.5	1.57

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F16	14 Nov 2025	14	15.71	90.78	7.9	33.30	8.0	24.5	1.40
F16	14 Nov 2025	15	15.40	92.87	7.8	33.28	8.0	24.6	1.29
F16	14 Nov 2025	16	15.36	94.04	7.8	33.27	8.0	24.6	1.32
F16	14 Nov 2025	17	15.35	94.12	7.8	33.28	8.0	24.6	1.32
F16	14 Nov 2025	18	15.31	94.18	7.8	33.28	8.0	24.6	1.33
F16	14 Nov 2025	19	15.21	94.21	7.7	33.29	8.0	24.6	1.24
F16	14 Nov 2025	20	15.12	94.29	7.7	33.29	8.0	24.6	1.25
F16	14 Nov 2025	21	15.04	94.47	7.7	33.29	8.0	24.6	1.12
F16	14 Nov 2025	22	14.97	94.49	7.6	33.29	8.0	24.7	1.09
F16	14 Nov 2025	23	14.71	94.6	7.5	33.30	8.0	24.7	0.99
F16	14 Nov 2025	24	14.46	94.88	7.4	33.30	8.0	24.8	0.85
F16	14 Nov 2025	25	14.31	95.55	7.4	33.30	8.0	24.8	0.78
F16	14 Nov 2025	26	14.22	95.48	7.4	33.30	8.0	24.8	0.75
F16	14 Nov 2025	27	14.14	96.22	7.3	33.30	8.0	24.8	0.73
F16	14 Nov 2025	28	14.08	96.35	7.3	33.29	8.0	24.9	0.72
F16	14 Nov 2025	29	14.05	96.45	7.3	33.30	8.0	24.9	0.74
F16	14 Nov 2025	30	14.03	96.52	7.2	33.30	8.0	24.9	0.75
F16	14 Nov 2025	31	13.89	96.28	7.2	33.30	8.0	24.9	0.70
F16	14 Nov 2025	32	13.80	96.66	7.0	33.30	8.0	24.9	0.66
F16	14 Nov 2025	33	13.71	96.22	6.6	33.32	7.9	24.9	0.62
F16	14 Nov 2025	34	13.69	93.18	6.4	33.32	7.9	25.0	0.66
F16	14 Nov 2025	35	13.68	90.9	6.3	33.32	7.9	25.0	0.66
F16	14 Nov 2025	36	13.64	90.19	6.3	33.32	7.9	25.0	0.65
F16	14 Nov 2025	37	13.62	89.94	6.3	33.32	7.9	25.0	0.66
F16	14 Nov 2025	38	13.58	90.33	6.4	33.32	7.9	25.0	0.63
F16	14 Nov 2025	39	13.46	90.97	6.6	33.32	7.9	25.0	0.61
F16	14 Nov 2025	40	13.37	93.6	6.7	33.33	7.9	25.0	0.62
F16	14 Nov 2025	41	13.31	95.85	6.7	33.33	7.9	25.0	0.62
F16	14 Nov 2025	42	13.30	96.52	6.6	33.34	7.9	25.0	0.60
F16	14 Nov 2025	43	13.26	96.62	6.5	33.34	7.9	25.1	0.59
F16	14 Nov 2025	44	13.18	96.33	6.3	33.35	7.9	25.1	0.58
F16	14 Nov 2025	45	13.14	96.21	6.2	33.36	7.9	25.1	0.57
F16	14 Nov 2025	46	13.12	95.86	6.2	33.36	7.9	25.1	0.56
F16	14 Nov 2025	47	13.10	95.47	6.1	33.36	7.9	25.1	0.58
F16	14 Nov 2025	48	13.09	94.91	6.0	33.36	7.9	25.1	0.58
F16	14 Nov 2025	49	13.06	94.01	6.0	33.37	7.9	25.1	0.58
F16	14 Nov 2025	50	13.06	93.62	6.0	33.37	7.9	25.1	0.56
F16	14 Nov 2025	51	13.05	93.42	6.0	33.37	7.9	25.1	0.55
F16	14 Nov 2025	52	13.04	93.31	5.9	33.37	7.9	25.1	0.55
F16	14 Nov 2025	53	13.02	93.41	5.9	33.37	7.9	25.1	0.53
F16	14 Nov 2025	54	13.01	93.43	5.9	33.37	7.9	25.1	0.52
F16	14 Nov 2025	55	13.00	93.47	5.9	33.37	7.9	25.1	0.56
F16	14 Nov 2025	56	12.97	93.69	5.9	33.38	7.9	25.1	0.52
F16	14 Nov 2025	57	12.97	93.75	5.9	33.38	7.9	25.1	0.51
F16	14 Nov 2025	58	12.94	93.7	5.9	33.38	7.9	25.1	0.53
F16	14 Nov 2025	59	12.93	93.82	5.9	33.38	7.9	25.2	0.47
F16	14 Nov 2025	60	12.93	93.69	5.9	33.38	7.9	25.2	0.46
F16	14 Nov 2025	61	12.93	93.61	5.9	33.38	7.8	25.1	0.46
F16	14 Nov 2025	62	12.93	93.62	5.9	33.38	7.8	25.1	0.47
F16	14 Nov 2025	63	12.93	93.41	5.9	33.38	7.8	25.2	0.47
F16	14 Nov 2025	64	12.93	93.32	5.9	33.38	7.8	25.1	0.46
F16	14 Nov 2025	65	12.93	93.46	5.9	33.38	7.8	25.1	0.46
F16	14 Nov 2025	66	12.93	93.37	5.9	33.38	7.8	25.1	0.47
F16	14 Nov 2025	67	12.93	93.28	5.9	33.38	7.8	25.2	0.46
F16	14 Nov 2025	68	12.93	93.14	5.9	33.38	7.8	25.2	0.47
F16	14 Nov 2025	69	12.92	93.39	5.9	33.38	7.8	25.2	0.48
F16	14 Nov 2025	70	12.92	93.36	5.9	33.38	7.8	25.2	0.47
F16	14 Nov 2025	71	12.92	93.35	5.9	33.38	7.8	25.2	0.46
F16	14 Nov 2025	72	12.92	93.11	5.9	33.38	7.8	25.2	0.45
F16	14 Nov 2025	73	12.92	93.31	5.9	33.38	7.8	25.2	0.46
F16	14 Nov 2025	74	12.92	93.29	5.9	33.38	7.8	25.2	0.46

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F16	14 Nov 2025	75	12.92	93.3	5.9	33.38	7.8	25.2	0.46
F16	14 Nov 2025	76	12.91	93.25	5.9	33.38	7.8	25.2	0.45
F16	14 Nov 2025	77	12.80	92.98	5.8	33.39	7.8	25.2	0.44
F16	14 Nov 2025	78	12.62	92.51	5.8	33.41	7.8	25.2	0.39
F16	14 Nov 2025	79	12.46	91.14	5.7	33.42	7.8	25.3	0.33
F16	14 Nov 2025	80	12.34	90.19	5.5	33.44	7.8	25.3	0.28
F16	14 Nov 2025	81	12.02	89.86	5.4	33.48	7.8	25.4	0.23
F28	12 Nov 2025	1	19.11	94.52	7.9	33.43	8.2	23.8	0.26
F28	12 Nov 2025	2	19.08	94.64	7.9	33.43	8.2	23.8	0.23
F28	12 Nov 2025	3	18.92	94.75	7.9	33.43	8.2	23.8	0.24
F28	12 Nov 2025	4	18.87	94.77	7.9	33.43	8.2	23.9	0.26
F28	12 Nov 2025	5	18.71	94.77	7.9	33.42	8.2	23.9	0.28
F28	12 Nov 2025	6	18.35	94.89	8.0	33.40	8.1	24.0	0.31
F28	12 Nov 2025	7	18.01	94.79	8.0	33.39	8.1	24.0	0.38
F28	12 Nov 2025	8	17.58	93.32	8.0	33.38	8.1	24.1	0.55
F28	12 Nov 2025	9	17.31	92.18	8.0	33.37	8.1	24.2	0.88
F28	12 Nov 2025	10	17.13	91.55	7.9	33.37	8.1	24.2	1.12
F28	12 Nov 2025	11	16.73	91.14	7.8	33.37	8.1	24.3	1.25
F28	12 Nov 2025	12	16.50	91.67	7.7	33.36	8.1	24.4	1.38
F28	12 Nov 2025	13	15.95	92.49	7.7	33.34	8.1	24.5	1.31
F28	12 Nov 2025	14	15.66	93.07	7.7	33.34	8.1	24.5	1.29
F28	12 Nov 2025	15	15.41	93.31	7.6	33.32	8.1	24.6	1.30
F28	12 Nov 2025	16	15.02	93.52	7.5	33.32	8.1	24.7	1.30
F28	12 Nov 2025	17	14.90	93.79	7.5	33.31	8.0	24.7	1.29
F28	12 Nov 2025	18	14.67	93.72	7.4	33.31	8.0	24.7	1.37
F28	12 Nov 2025	19	14.49	93.78	7.4	33.31	8.0	24.8	1.40
F28	12 Nov 2025	20	14.42	93.96	7.4	33.31	8.0	24.8	1.44
F28	12 Nov 2025	21	14.32	94	7.3	33.31	8.0	24.8	1.45
F28	12 Nov 2025	22	14.21	94.22	7.3	33.30	8.0	24.8	1.35
F28	12 Nov 2025	23	14.19	94.46	7.3	33.30	8.0	24.8	1.33
F28	12 Nov 2025	24	14.15	94.54	7.2	33.31	8.0	24.8	1.29
F28	12 Nov 2025	25	14.13	94.5	7.2	33.30	8.0	24.9	1.24
F28	12 Nov 2025	26	14.06	94.63	7.2	33.31	8.0	24.9	1.26
F28	12 Nov 2025	27	13.96	94.61	7.2	33.31	8.0	24.9	1.16
F28	12 Nov 2025	28	13.98	94.66	7.2	33.30	8.0	24.9	1.18
F28	12 Nov 2025	29	13.94	94.69	7.1	33.30	8.0	24.9	1.17
F28	12 Nov 2025	30	13.93	94.77	7.1	33.30	8.0	24.9	1.16
F28	12 Nov 2025	31	13.88	94.77	7.1	33.30	8.0	24.9	1.14
F28	12 Nov 2025	32	13.77	94.96	7.1	33.31	8.0	24.9	1.14
F28	12 Nov 2025	33	13.52	95.28	7.0	33.30	8.0	25.0	1.06
F28	12 Nov 2025	34	13.43	95.54	7.0	33.30	8.0	25.0	1.01
F28	12 Nov 2025	35	13.39	95.77	7.1	33.29	8.0	25.0	0.98
F28	12 Nov 2025	36	13.33	95.91	7.1	33.29	8.0	25.0	0.95
F28	12 Nov 2025	37	13.30	96.04	7.1	33.28	8.0	25.0	0.94
F28	12 Nov 2025	38	13.25	96.08	7.1	33.29	8.0	25.0	0.93
F28	12 Nov 2025	39	13.12	96.26	7.0	33.30	8.0	25.0	0.86
F28	12 Nov 2025	40	13.00	96.57	6.9	33.30	8.0	25.1	0.79
F28	12 Nov 2025	41	12.95	96.63	6.8	33.31	8.0	25.1	0.74
F28	12 Nov 2025	42	12.91	96.62	6.7	33.33	8.0	25.1	0.74
F28	12 Nov 2025	43	12.87	96.44	6.6	33.34	7.9	25.1	0.71
F28	12 Nov 2025	44	12.85	96.62	6.6	33.34	7.9	25.1	0.69
F28	12 Nov 2025	45	12.76	96.7	6.5	33.35	7.9	25.2	0.66
F28	12 Nov 2025	46	12.65	96.62	6.4	33.37	7.9	25.2	0.56
F28	12 Nov 2025	47	12.58	96.46	6.2	33.38	7.9	25.2	0.47
F28	12 Nov 2025	48	12.58	96.1	6.1	33.39	7.9	25.2	0.45
F28	12 Nov 2025	49	12.55	95.86	6.0	33.40	7.9	25.2	0.44
F28	12 Nov 2025	50	12.51	95.61	6.0	33.41	7.9	25.3	0.41
F28	12 Nov 2025	51	12.47	95.62	5.9	33.41	7.9	25.3	0.39
F28	12 Nov 2025	52	12.45	95.46	5.9	33.41	7.9	25.3	0.37
F28	12 Nov 2025	53	12.41	95.43	5.8	33.42	7.9	25.3	0.34

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F28	12 Nov 2025	54	12.34	95.45	5.8	33.43	7.9	25.3	0.32
F28	12 Nov 2025	55	12.26	95.2	5.7	33.43	7.9	25.3	0.27
F28	12 Nov 2025	56	12.27	94.98	5.7	33.43	7.9	25.3	0.26
F28	12 Nov 2025	57	12.19	95.16	5.6	33.43	7.8	25.3	0.23
F28	12 Nov 2025	58	11.96	95.68	5.5	33.43	7.8	25.4	0.19
F28	12 Nov 2025	59	11.96	95.26	5.4	33.42	7.8	25.4	0.17
F28	12 Nov 2025	60	11.92	95.11	5.3	33.42	7.8	25.4	0.16
F28	12 Nov 2025	61	11.92	95.05	5.3	33.42	7.8	25.4	0.16
F28	12 Nov 2025	62	11.92	95.02	5.3	33.43	7.8	25.4	0.15
F28	12 Nov 2025	63	11.95	94.94	5.3	33.44	7.8	25.4	0.15
F28	12 Nov 2025	64	11.88	94.36	5.2	33.46	7.8	25.4	0.16
F28	12 Nov 2025	65	11.73	94.71	5.2	33.47	7.8	25.5	0.13
F28	12 Nov 2025	66	11.69	95.16	5.1	33.48	7.8	25.5	0.12
F28	12 Nov 2025	67	11.65	95.43	5.1	33.48	7.8	25.5	0.11
F28	12 Nov 2025	68	11.62	95.6	5.1	33.49	7.8	25.5	0.11
F28	12 Nov 2025	69	11.62	95.56	5.1	33.49	7.8	25.5	0.11
F28	12 Nov 2025	70	11.62	95.59	5.1	33.50	7.8	25.5	0.11
F28	12 Nov 2025	71	11.61	95.52	5.1	33.50	7.8	25.5	0.10
F28	12 Nov 2025	72	11.59	95.4	5.1	33.51	7.8	25.5	0.10
F28	12 Nov 2025	73	11.59	95.46	5.1	33.52	7.8	25.5	0.11
F28	12 Nov 2025	74	11.59	95.52	5.1	33.52	7.8	25.5	0.11
F28	12 Nov 2025	75	11.57	95.54	5.1	33.52	7.8	25.5	0.11
F28	12 Nov 2025	76	11.55	95.53	5.0	33.53	7.8	25.5	0.11
F28	12 Nov 2025	77	11.52	95.47	5.0	33.55	7.8	25.6	0.11
F28	12 Nov 2025	78	11.50	95.41	5.0	33.55	7.8	25.6	0.11
F28	12 Nov 2025	79	11.48	95.58	5.0	33.56	7.8	25.6	0.11
F28	12 Nov 2025	80	11.47	95.56	5.0	33.56	7.8	25.6	0.11
F28	12 Nov 2025	81	11.46	95.63	5.0	33.56	7.8	25.6	0.11
F28	12 Nov 2025	82	11.44	95.68	5.0	33.57	7.8	25.6	0.10
F28	12 Nov 2025	83	11.40	95.85	5.0	33.58	7.8	25.6	0.10
F28	12 Nov 2025	84	11.35	96	4.9	33.60	7.8	25.6	0.10
F28	12 Nov 2025	85	11.35	96.23	4.9	33.60	7.8	25.6	0.09
F28	12 Nov 2025	86	11.34	96.4	4.9	33.60	7.8	25.6	0.09
F28	12 Nov 2025	87	11.32	96.31	4.9	33.60	7.8	25.6	0.09
F28	12 Nov 2025	88	11.29	96.26	4.9	33.61	7.8	25.6	0.09
F28	12 Nov 2025	89	11.25	96.29	4.8	33.62	7.8	25.7	0.09
F28	12 Nov 2025	90	11.21	96.25	4.8	33.63	7.8	25.7	0.09
F28	12 Nov 2025	91	11.17	96.14	4.7	33.64	7.8	25.7	0.09
F28	12 Nov 2025	92	11.13	95.94	4.7	33.65	7.8	25.7	0.08
F28	12 Nov 2025	93	11.12	95.67	4.7	33.66	7.8	25.7	0.09
F28	12 Nov 2025	94	11.06	94.98	4.6	33.67	7.8	25.7	0.09
F28	12 Nov 2025	95	11.04	94.42	4.6	33.67	7.8	25.7	0.08
F28	12 Nov 2025	96	11.04	94.2	4.6	33.67	7.8	25.7	0.08
F28	12 Nov 2025	97	11.04	94.11	4.6	33.67	7.8	25.7	0.08
F28	12 Nov 2025	98	11.03	93.93	4.6	33.67	7.7	25.7	0.08
F28	12 Nov 2025	99	11.03	93.77	4.6	33.67	7.7	25.7	0.08
F28	12 Nov 2025	100	11.03	93.68	4.6	33.67	7.7	25.7	0.08
F17	14 Nov 2025	1	18.45	91.57	8.0	33.40	8.1	23.9	1.52
F17	14 Nov 2025	2	18.44	91.45	8.0	33.40	8.1	23.9	1.53
F17	14 Nov 2025	3	18.43	91.38	8.0	33.40	8.1	23.9	1.56
F17	14 Nov 2025	4	18.43	91.57	8.0	33.40	8.1	23.9	1.63
F17	14 Nov 2025	5	18.43	91.63	8.0	33.40	8.1	23.9	1.63
F17	14 Nov 2025	6	18.42	91.56	8.0	33.40	8.1	23.9	1.62
F17	14 Nov 2025	7	18.41	91.59	7.9	33.40	8.1	23.9	1.58
F17	14 Nov 2025	8	18.27	91.65	8.0	33.40	8.1	24.0	1.47
F17	14 Nov 2025	9	18.10	92.1	8.0	33.40	8.1	24.0	1.39
F17	14 Nov 2025	10	17.89	92.26	8.0	33.39	8.1	24.1	1.47
F17	14 Nov 2025	11	17.67	92.18	8.0	33.38	8.1	24.1	1.60
F17	14 Nov 2025	12	17.41	92.01	8.0	33.38	8.1	24.2	1.67
F17	14 Nov 2025	13	17.30	91.72	8.0	33.37	8.1	24.2	1.74

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F17	14 Nov 2025	14	17.06	91.7	8.1	33.36	8.1	24.2	1.74
F17	14 Nov 2025	15	16.93	91.75	8.1	33.35	8.1	24.3	1.75
F17	14 Nov 2025	16	16.82	91.7	8.1	33.34	8.1	24.3	1.75
F17	14 Nov 2025	17	16.69	91.73	8.0	33.34	8.1	24.3	1.78
F17	14 Nov 2025	18	16.26	91.5	8.0	33.33	8.1	24.4	1.73
F17	14 Nov 2025	19	15.93	92.03	7.9	33.31	8.0	24.5	1.58
F17	14 Nov 2025	20	15.34	93	7.8	33.29	8.0	24.6	1.36
F17	14 Nov 2025	21	15.07	93.83	7.6	33.27	8.0	24.6	1.18
F17	14 Nov 2025	22	14.97	94.25	7.5	33.27	8.0	24.6	1.17
F17	14 Nov 2025	23	14.84	93.94	7.4	33.27	8.0	24.7	1.10
F17	14 Nov 2025	24	14.57	94.34	7.4	33.28	8.0	24.7	1.08
F17	14 Nov 2025	25	14.42	94.74	7.3	33.29	8.0	24.8	0.94
F17	14 Nov 2025	26	14.33	95.13	7.2	33.29	8.0	24.8	0.79
F17	14 Nov 2025	27	14.14	95.24	7.2	33.30	8.0	24.8	0.72
F17	14 Nov 2025	28	14.06	95.48	7.0	33.30	8.0	24.9	0.68
F17	14 Nov 2025	29	14.00	95.11	6.8	33.30	7.9	24.9	0.74
F17	14 Nov 2025	30	13.99	92.9	6.6	33.30	7.9	24.9	0.74
F17	14 Nov 2025	31	13.99	90.52	6.6	33.30	7.9	24.9	0.82
F17	14 Nov 2025	32	13.98	89.57	6.6	33.31	7.9	24.9	0.83
F17	14 Nov 2025	33	13.95	89.1	6.6	33.31	7.9	24.9	0.82
F17	14 Nov 2025	34	13.84	88.9	6.6	33.32	7.9	24.9	0.80
F17	14 Nov 2025	35	13.80	88.85	6.5	33.32	7.9	24.9	0.76
F17	14 Nov 2025	36	13.76	89.19	6.5	33.31	7.9	24.9	0.73
F17	14 Nov 2025	37	13.75	89.78	6.5	33.31	7.9	24.9	0.73
F17	14 Nov 2025	38	13.73	90.43	6.5	33.31	7.9	24.9	0.69
F17	14 Nov 2025	39	13.70	90.8	6.4	33.31	7.9	24.9	0.69
F17	14 Nov 2025	40	13.69	91.26	6.4	33.32	7.9	25.0	0.73
F17	14 Nov 2025	41	13.68	91.9	6.4	33.32	7.9	25.0	0.76
F17	14 Nov 2025	42	13.53	91.7	6.3	33.34	7.9	25.0	0.69
F17	14 Nov 2025	43	13.40	90.79	6.2	33.34	7.9	25.0	0.63
F17	14 Nov 2025	44	13.38	90.92	6.2	33.34	7.9	25.0	0.60
F17	14 Nov 2025	45	13.36	91.1	6.2	33.34	7.9	25.0	0.59
F17	14 Nov 2025	46	13.31	91.19	6.2	33.35	7.9	25.0	0.58
F17	14 Nov 2025	47	13.28	91.45	6.2	33.35	7.9	25.1	0.57
F17	14 Nov 2025	48	13.25	91.69	6.2	33.35	7.9	25.1	0.57
F17	14 Nov 2025	49	13.23	92.1	6.2	33.35	7.9	25.1	0.56
F17	14 Nov 2025	50	13.21	92.27	6.2	33.35	7.9	25.1	0.55
F17	14 Nov 2025	51	13.19	92.34	6.2	33.35	7.9	25.1	0.54
F17	14 Nov 2025	52	13.16	92.63	6.2	33.36	7.9	25.1	0.55
F17	14 Nov 2025	53	13.14	93.28	6.2	33.36	7.9	25.1	0.54
F17	14 Nov 2025	54	13.12	94	6.2	33.36	7.9	25.1	0.54
F17	14 Nov 2025	55	13.12	94.54	6.2	33.36	7.9	25.1	0.52
F17	14 Nov 2025	56	13.11	94.44	6.2	33.36	7.9	25.1	0.51
F17	14 Nov 2025	57	13.11	94.51	6.2	33.36	7.9	25.1	0.51
F17	14 Nov 2025	58	13.10	94.65	6.2	33.36	7.9	25.1	0.53
F17	14 Nov 2025	59	13.06	94.82	6.2	33.36	7.9	25.1	0.51
F17	14 Nov 2025	60	13.06	95.01	6.2	33.36	7.9	25.1	0.49
F17	14 Nov 2025	61	13.03	94.91	6.2	33.37	7.9	25.1	0.49
F17	14 Nov 2025	62	12.97	94.68	6.1	33.37	7.9	25.1	0.48
F17	14 Nov 2025	63	12.96	94.61	6.1	33.37	7.9	25.1	0.47
F17	14 Nov 2025	64	12.96	94.57	6.1	33.37	7.9	25.1	0.45
F17	14 Nov 2025	65	12.96	94.52	6.1	33.37	7.9	25.1	0.46
F17	14 Nov 2025	66	12.95	94.57	6.1	33.37	7.9	25.1	0.46
F17	14 Nov 2025	67	12.94	94.57	6.1	33.37	7.9	25.1	0.46
F17	14 Nov 2025	68	12.94	94.42	6.1	33.37	7.9	25.1	0.44
F17	14 Nov 2025	69	12.94	94.2	6.1	33.37	7.9	25.1	0.44
F17	14 Nov 2025	70	12.94	94.1	6.1	33.37	7.9	25.1	0.45
F17	14 Nov 2025	71	12.93	94.09	6.1	33.37	7.9	25.1	0.44
F17	14 Nov 2025	72	12.93	93.89	6.1	33.37	7.9	25.1	0.43
F17	14 Nov 2025	73	12.93	93.7	6.1	33.37	7.9	25.1	0.43
F17	14 Nov 2025	74	12.92	93.82	6.1	33.37	7.9	25.1	0.44

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F17	14 Nov 2025	75	12.92	93.8	6.1	33.37	7.9	25.1	0.44
F17	14 Nov 2025	76	12.91	93.7	6.0	33.37	7.9	25.2	0.44
F17	14 Nov 2025	77	12.80	93.62	6.0	33.39	7.9	25.2	0.43
F17	14 Nov 2025	78	12.62	93.27	5.9	33.41	7.8	25.2	0.38
F17	14 Nov 2025	79	12.53	91.43	5.8	33.41	7.8	25.3	0.34
F17	14 Nov 2025	80	12.41	90.18	5.7	33.42	7.8	25.3	0.31
F17	14 Nov 2025	81	12.39	89.07	5.7	33.42	7.8	25.3	0.29
F06	13 Nov 2025	1	16.95	91.03	8.3	33.33	8.1	24.2	0.91
F06	13 Nov 2025	2	16.84	91.27	8.3	33.34	8.1	24.3	0.88
F06	13 Nov 2025	3	16.71	91.14	8.4	33.33	8.1	24.3	0.97
F06	13 Nov 2025	4	16.68	90.87	8.4	33.33	8.1	24.3	1.20
F06	13 Nov 2025	5	16.65	90.67	8.3	33.33	8.1	24.3	1.45
F06	13 Nov 2025	6	16.58	90.57	8.3	33.33	8.1	24.3	1.74
F06	13 Nov 2025	7	16.53	90.28	8.3	33.33	8.1	24.3	1.91
F06	13 Nov 2025	8	16.51	90.21	8.3	33.33	8.1	24.3	1.95
F06	13 Nov 2025	9	16.42	90.25	8.2	33.33	8.1	24.4	2.04
F06	13 Nov 2025	10	16.34	90.52	8.2	33.33	8.1	24.4	2.05
F06	13 Nov 2025	11	16.02	90.78	8.1	33.33	8.1	24.5	1.98
F06	13 Nov 2025	12	15.73	91.1	8.0	33.32	8.1	24.5	1.76
F06	13 Nov 2025	13	15.42	92.11	7.9	33.31	8.1	24.6	1.66
F06	13 Nov 2025	14	15.29	93.34	7.9	33.30	8.1	24.6	1.49
F06	13 Nov 2025	15	15.21	93.49	7.8	33.30	8.1	24.6	1.44
F06	13 Nov 2025	16	15.15	93.96	7.8	33.30	8.1	24.6	1.33
F06	13 Nov 2025	17	15.11	94.1	7.8	33.30	8.1	24.6	1.40
F06	13 Nov 2025	18	15.05	93.64	7.7	33.30	8.0	24.6	1.43
F06	13 Nov 2025	19	14.98	93.04	7.6	33.30	8.0	24.7	1.48
F06	13 Nov 2025	20	14.88	92.62	7.4	33.31	8.0	24.7	1.47
F06	13 Nov 2025	21	14.74	91.9	7.3	33.31	8.0	24.7	1.38
F06	13 Nov 2025	22	14.67	91.19	7.3	33.31	8.0	24.7	1.36
F06	13 Nov 2025	23	14.61	90.97	7.2	33.30	8.0	24.7	1.25
F06	13 Nov 2025	24	14.56	90.85	7.2	33.30	8.0	24.8	1.24
F06	13 Nov 2025	25	14.47	90.66	7.1	33.31	8.0	24.8	1.21
F06	13 Nov 2025	26	14.38	89.8	7.0	33.31	8.0	24.8	1.22
F06	13 Nov 2025	27	14.35	89.12	7.0	33.31	8.0	24.8	1.13
F06	13 Nov 2025	28	14.29	88.94	6.9	33.31	8.0	24.8	1.10
F06	13 Nov 2025	29	14.07	88.77	6.7	33.31	8.0	24.9	1.01
F06	13 Nov 2025	30	13.93	87.84	6.6	33.32	8.0	24.9	0.96
F06	13 Nov 2025	31	13.90	84.7	6.5	33.31	8.0	24.9	0.94
F06	13 Nov 2025	32	13.87	84.59	6.5	33.31	8.0	24.9	0.90
F06	13 Nov 2025	33	13.85	84.83	6.5	33.31	8.0	24.9	0.89
F06	13 Nov 2025	34	13.85	85.44	6.5	33.31	8.0	24.9	0.90
F06	13 Nov 2025	35	13.82	86.21	6.5	33.31	8.0	24.9	0.91
F06	13 Nov 2025	36	13.73	86.45	6.4	33.32	7.9	24.9	0.87
F06	13 Nov 2025	37	13.74	85.44	6.3	33.32	7.9	24.9	0.81
F06	13 Nov 2025	38	13.73	85.03	6.3	33.32	7.9	24.9	0.82
F06	13 Nov 2025	39	13.70	84.65	6.3	33.32	7.9	25.0	0.79
F06	13 Nov 2025	40	13.69	84.24	6.3	33.33	7.9	25.0	0.81
F06	13 Nov 2025	41	13.67	84.35	6.3	33.33	7.9	25.0	0.78
F06	13 Nov 2025	42	13.60	84.49	6.3	33.33	7.9	25.0	0.78
F06	13 Nov 2025	43	13.53	84.63	6.3	33.34	7.9	25.0	0.74
F06	13 Nov 2025	44	13.47	85.41	6.3	33.34	7.9	25.0	0.72
F06	13 Nov 2025	45	13.42	86.41	6.3	33.34	7.9	25.0	0.70
F06	13 Nov 2025	46	13.41	87.08	6.3	33.34	7.9	25.0	0.69
F06	13 Nov 2025	47	13.36	87.77	6.3	33.35	7.9	25.0	0.67
F06	13 Nov 2025	48	13.28	88.35	6.3	33.35	7.9	25.1	0.64
F06	13 Nov 2025	49	13.13	89.18	6.3	33.36	7.9	25.1	0.59
F06	13 Nov 2025	50	13.07	90.33	6.2	33.36	7.9	25.1	0.56
F06	13 Nov 2025	51	13.05	90.72	6.2	33.36	7.9	25.1	0.55
F06	13 Nov 2025	52	13.04	91.84	6.2	33.36	7.9	25.1	0.53
F06	13 Nov 2025	53	13.03	92.5	6.2	33.36	7.9	25.1	0.52

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F06	13 Nov 2025	54	13.01	92.56	6.2	33.36	7.9	25.1	0.53
F06	13 Nov 2025	55	12.99	92.06	6.2	33.37	7.9	25.1	0.52
F06	13 Nov 2025	56	12.96	92.64	6.2	33.37	7.9	25.1	0.52
F06	13 Nov 2025	57	12.93	92.86	6.1	33.37	7.9	25.1	0.54
F06	13 Nov 2025	58	12.85	93.13	6.1	33.38	7.9	25.2	0.49
F06	13 Nov 2025	59	12.80	93.28	6.1	33.38	7.9	25.2	0.50
F06	13 Nov 2025	60	12.71	93.38	6.0	33.39	7.9	25.2	0.46
F06	13 Nov 2025	61	12.57	93.64	5.9	33.41	7.9	25.2	0.42
F06	13 Nov 2025	62	12.45	92.74	5.8	33.42	7.9	25.3	0.38
F01	13 Nov 2025	1	16.60	81.02	7.8	33.33	8.0	24.3	1.24
F01	13 Nov 2025	2	16.58	81.09	7.8	33.33	8.0	24.3	1.19
F01	13 Nov 2025	3	16.54	81.07	7.8	33.33	8.0	24.3	1.31
F01	13 Nov 2025	4	16.43	80.88	7.8	33.34	8.0	24.4	1.61
F01	13 Nov 2025	5	16.27	80.49	7.8	33.33	8.0	24.4	2.91
F01	13 Nov 2025	6	16.24	79.24	7.8	33.33	8.0	24.4	3.43
F01	13 Nov 2025	7	16.23	78.62	7.7	33.33	8.0	24.4	3.52
F01	13 Nov 2025	8	16.21	78.65	7.7	33.34	8.0	24.4	3.34
F01	13 Nov 2025	9	16.15	79.15	7.6	33.34	8.0	24.4	3.19
F01	13 Nov 2025	10	16.12	79.72	7.5	33.34	8.0	24.4	3.05
F01	13 Nov 2025	11	16.06	80.05	7.4	33.34	8.0	24.5	2.79
F01	13 Nov 2025	12	15.82	80.85	7.3	33.34	8.0	24.5	2.58
F01	13 Nov 2025	13	15.65	81.43	7.4	33.32	8.0	24.5	2.63
F01	13 Nov 2025	14	15.61	81.3	7.4	33.32	8.0	24.5	2.68
F01	13 Nov 2025	15	15.54	81.14	7.3	33.32	8.0	24.6	2.65
F01	13 Nov 2025	16	15.40	80.95	7.2	33.32	8.0	24.6	2.49
F01	13 Nov 2025	17	14.71	80.8	7.2	33.31	8.0	24.7	2.04
F01	13 Nov 2025	18	14.54	81.46	7.0	33.30	8.0	24.8	1.53
F01	13 Nov 2025	19	14.46	82.49	7.0	33.30	8.0	24.8	1.29
F01	13 Nov 2025	20	14.39	83.5	6.9	33.30	8.0	24.8	1.17
F29	12 Nov 2025	1	19.10	95.21	7.9	33.43	8.2	23.8	0.24
F29	12 Nov 2025	2	19.04	95.22	7.9	33.43	8.2	23.8	0.23
F29	12 Nov 2025	3	18.94	95.18	7.9	33.43	8.2	23.8	0.24
F29	12 Nov 2025	4	18.91	95.12	7.9	33.43	8.2	23.8	0.26
F29	12 Nov 2025	5	18.81	95.14	7.9	33.42	8.2	23.9	0.27
F29	12 Nov 2025	6	18.41	95.24	8.1	33.40	8.1	23.9	0.26
F29	12 Nov 2025	7	18.12	95.52	8.2	33.37	8.1	24.0	0.23
F29	12 Nov 2025	8	17.95	95.66	8.2	33.36	8.1	24.0	0.26
F29	12 Nov 2025	9	17.68	95.65	8.2	33.34	8.1	24.1	0.27
F29	12 Nov 2025	10	17.46	95.63	8.3	33.33	8.1	24.1	0.27
F29	12 Nov 2025	11	17.06	95.62	8.3	33.31	8.1	24.2	0.33
F29	12 Nov 2025	12	16.61	95.48	8.3	33.28	8.1	24.3	0.38
F29	12 Nov 2025	13	16.33	95.31	8.3	33.28	8.1	24.4	0.43
F29	12 Nov 2025	14	16.24	95.17	8.2	33.28	8.1	24.4	0.52
F29	12 Nov 2025	15	16.13	95	8.1	33.29	8.1	24.4	0.60
F29	12 Nov 2025	16	16.05	94.9	8.1	33.29	8.1	24.4	0.70
F29	12 Nov 2025	17	15.80	94.75	8.1	33.29	8.1	24.5	0.77
F29	12 Nov 2025	18	15.54	94.69	8.0	33.29	8.1	24.5	0.87
F29	12 Nov 2025	19	15.24	94.57	7.9	33.29	8.1	24.6	0.99
F29	12 Nov 2025	20	14.84	94.54	7.9	33.28	8.1	24.7	1.10
F29	12 Nov 2025	21	14.73	94.33	7.8	33.27	8.1	24.7	1.25
F29	12 Nov 2025	22	14.47	94.27	7.7	33.27	8.1	24.8	1.30
F29	12 Nov 2025	23	14.23	94.37	7.7	33.27	8.1	24.8	1.21
F29	12 Nov 2025	24	14.17	94.67	7.6	33.26	8.0	24.8	1.23
F29	12 Nov 2025	25	13.99	94.78	7.5	33.27	8.0	24.9	1.20
F29	12 Nov 2025	26	13.82	94.78	7.4	33.27	8.0	24.9	1.18
F29	12 Nov 2025	27	13.75	94.85	7.3	33.27	8.0	24.9	1.19
F29	12 Nov 2025	28	13.73	94.93	7.3	33.27	8.0	24.9	1.19
F29	12 Nov 2025	29	13.65	95.08	7.2	33.28	8.0	24.9	1.24
F29	12 Nov 2025	30	13.61	95.09	7.2	33.28	8.0	24.9	1.13

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F29	12 Nov 2025	31	13.59	95.05	7.2	33.28	8.0	24.9	1.13
F29	12 Nov 2025	32	13.46	95.28	7.2	33.28	8.0	25.0	1.10
F29	12 Nov 2025	33	13.43	95.73	7.2	33.29	8.0	25.0	1.01
F29	12 Nov 2025	34	13.43	95.84	7.1	33.29	8.0	25.0	1.01
F29	12 Nov 2025	35	13.42	95.84	7.0	33.30	8.0	25.0	1.01
F29	12 Nov 2025	36	13.41	95.84	7.0	33.30	8.0	25.0	1.02
F29	12 Nov 2025	37	13.38	95.83	6.9	33.31	8.0	25.0	1.02
F29	12 Nov 2025	38	13.33	95.7	6.8	33.32	8.0	25.0	0.99
F29	12 Nov 2025	39	13.28	95.54	6.7	33.34	8.0	25.0	0.96
F29	12 Nov 2025	40	13.22	95.33	6.5	33.35	8.0	25.1	0.91
F29	12 Nov 2025	41	13.12	95.51	6.5	33.35	7.9	25.1	0.84
F29	12 Nov 2025	42	12.97	95.78	6.5	33.35	7.9	25.1	0.80
F29	12 Nov 2025	43	12.92	96.16	6.4	33.36	7.9	25.1	0.77
F29	12 Nov 2025	44	12.88	96.3	6.3	33.37	7.9	25.2	0.70
F29	12 Nov 2025	45	12.87	96.3	6.2	33.38	7.9	25.2	0.64
F29	12 Nov 2025	46	12.84	96.22	6.1	33.38	7.9	25.2	0.59
F29	12 Nov 2025	47	12.77	95.79	6.0	33.40	7.9	25.2	0.50
F29	12 Nov 2025	48	12.73	95.6	6.0	33.40	7.9	25.2	0.48
F29	12 Nov 2025	49	12.68	95.6	6.0	33.40	7.9	25.2	0.49
F29	12 Nov 2025	50	12.66	95.6	6.0	33.40	7.9	25.2	0.48
F29	12 Nov 2025	51	12.63	95.6	5.9	33.41	7.9	25.2	0.45
F29	12 Nov 2025	52	12.62	95.55	5.9	33.41	7.9	25.2	0.41
F29	12 Nov 2025	53	12.59	95.26	5.8	33.42	7.9	25.2	0.38
F29	12 Nov 2025	54	12.52	94.59	5.8	33.42	7.9	25.3	0.37
F29	12 Nov 2025	55	12.47	94.41	5.8	33.43	7.9	25.3	0.38
F29	12 Nov 2025	56	12.44	94.85	5.8	33.43	7.9	25.3	0.38
F29	12 Nov 2025	57	12.42	94.99	5.8	33.43	7.9	25.3	0.36
F29	12 Nov 2025	58	12.39	94.94	5.7	33.44	7.9	25.3	0.34
F29	12 Nov 2025	59	12.39	94.4	5.7	33.44	7.9	25.3	0.31
F29	12 Nov 2025	60	12.38	94.07	5.7	33.44	7.9	25.3	0.30
F29	12 Nov 2025	61	12.38	93.61	5.6	33.44	7.9	25.3	0.30
F29	12 Nov 2025	62	12.37	93.32	5.6	33.44	7.9	25.3	0.29
F29	12 Nov 2025	63	12.31	92.89	5.6	33.45	7.9	25.3	0.27
F29	12 Nov 2025	64	12.28	92.37	5.5	33.45	7.8	25.3	0.26
F29	12 Nov 2025	65	12.22	91.84	5.5	33.45	7.8	25.3	0.24
F29	12 Nov 2025	66	12.17	91.59	5.4	33.46	7.8	25.4	0.23
F29	12 Nov 2025	67	12.14	91.53	5.4	33.46	7.8	25.4	0.22
F29	12 Nov 2025	68	12.08	91.78	5.4	33.47	7.8	25.4	0.21
F29	12 Nov 2025	69	12.02	92.13	5.3	33.48	7.8	25.4	0.19
F29	12 Nov 2025	70	11.91	92.75	5.3	33.49	7.8	25.4	0.16
F29	12 Nov 2025	71	11.80	93.19	5.2	33.49	7.8	25.5	0.14
F29	12 Nov 2025	72	11.74	93.66	5.2	33.48	7.8	25.5	0.12
F29	12 Nov 2025	73	11.74	93.86	5.1	33.49	7.8	25.5	0.12
F29	12 Nov 2025	74	11.75	93.85	5.1	33.49	7.8	25.5	0.13
F29	12 Nov 2025	75	11.69	93.82	5.1	33.50	7.8	25.5	0.12
F29	12 Nov 2025	76	11.67	93.8	5.0	33.50	7.8	25.5	0.12
F29	12 Nov 2025	77	11.67	93.74	5.0	33.50	7.8	25.5	0.12
F29	12 Nov 2025	78	11.65	93.71	5.0	33.51	7.8	25.5	0.12
F29	12 Nov 2025	79	11.62	93.7	5.0	33.51	7.8	25.5	0.12
F29	12 Nov 2025	80	11.62	93.9	5.0	33.51	7.8	25.5	0.12
F29	12 Nov 2025	81	11.50	94.2	5.0	33.53	7.8	25.5	0.12
F29	12 Nov 2025	82	11.43	94.23	4.9	33.53	7.8	25.6	0.10
F29	12 Nov 2025	83	11.42	94.68	4.9	33.53	7.8	25.6	0.09
F29	12 Nov 2025	84	11.40	94.93	4.9	33.53	7.8	25.6	0.09
F29	12 Nov 2025	85	11.39	94.82	4.9	33.54	7.8	25.6	0.09
F29	12 Nov 2025	86	11.38	95.02	4.9	33.54	7.8	25.6	0.09
F29	12 Nov 2025	87	11.37	94.95	4.9	33.55	7.8	25.6	0.10
F29	12 Nov 2025	88	11.36	94.87	4.9	33.56	7.8	25.6	0.09
F29	12 Nov 2025	89	11.36	94.8	4.9	33.56	7.8	25.6	0.09
F29	12 Nov 2025	90	11.35	94.75	4.8	33.56	7.8	25.6	0.09
F29	12 Nov 2025	91	11.31	94.66	4.8	33.58	7.8	25.6	0.09

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F29	12 Nov 2025	92	11.20	94.52	4.8	33.62	7.8	25.7	0.09
F29	12 Nov 2025	93	11.15	94.56	4.7	33.63	7.8	25.7	0.08
F29	12 Nov 2025	94	11.12	94.21	4.7	33.64	7.8	25.7	0.08
F29	12 Nov 2025	95	11.11	93.8	4.6	33.64	7.8	25.7	0.08
F29	12 Nov 2025	96	11.06	93.79	4.6	33.66	7.8	25.7	0.08
F29	12 Nov 2025	97	11.01	93.69	4.6	33.67	7.8	25.7	0.08
F29	12 Nov 2025	98	10.97	93.56	4.5	33.68	7.8	25.8	0.08
F29	12 Nov 2025	99	10.86	93.81	4.4	33.72	7.7	25.8	0.07
F18	14 Nov 2025	1	19.10	95.32	7.9	33.43	8.1	23.8	0.57
F18	14 Nov 2025	2	19.10	95.31	7.9	33.43	8.1	23.8	0.56
F18	14 Nov 2025	3	19.10	95.27	7.9	33.43	8.1	23.8	0.56
F18	14 Nov 2025	4	19.09	95.24	7.9	33.43	8.1	23.8	0.56
F18	14 Nov 2025	5	19.08	95.32	7.9	33.43	8.1	23.8	0.57
F18	14 Nov 2025	6	18.89	95.3	8.0	33.42	8.1	23.8	0.55
F18	14 Nov 2025	7	18.80	95.28	8.0	33.42	8.1	23.9	0.56
F18	14 Nov 2025	8	18.60	94.91	8.0	33.41	8.1	23.9	0.59
F18	14 Nov 2025	9	18.20	95.15	8.0	33.40	8.1	24.0	0.72
F18	14 Nov 2025	10	18.01	94.84	8.0	33.40	8.1	24.0	0.93
F18	14 Nov 2025	11	17.56	94.32	8.0	33.38	8.1	24.1	1.03
F18	14 Nov 2025	12	17.25	94.05	8.0	33.37	8.1	24.2	1.17
F18	14 Nov 2025	13	17.07	93.87	7.9	33.36	8.1	24.2	1.23
F18	14 Nov 2025	14	16.76	93.76	7.9	33.35	8.1	24.3	1.26
F18	14 Nov 2025	15	16.31	93.63	7.8	33.34	8.1	24.4	1.30
F18	14 Nov 2025	16	15.85	93.66	7.8	33.33	8.1	24.5	1.33
F18	14 Nov 2025	17	15.22	93.52	7.8	33.30	8.0	24.6	1.28
F18	14 Nov 2025	18	15.00	94.29	7.6	33.28	8.0	24.6	1.15
F18	14 Nov 2025	19	14.85	94.21	7.4	33.28	8.0	24.7	1.13
F18	14 Nov 2025	20	14.55	93.47	7.2	33.29	8.0	24.7	1.13
F18	14 Nov 2025	21	14.39	92.72	7.2	33.28	8.0	24.8	1.01
F18	14 Nov 2025	22	14.32	94.18	7.2	33.28	8.0	24.8	0.90
F18	14 Nov 2025	23	14.28	95	7.2	33.28	8.0	24.8	0.80
F18	14 Nov 2025	24	14.26	95.01	7.2	33.29	8.0	24.8	0.77
F18	14 Nov 2025	25	14.19	94.64	7.0	33.29	8.0	24.8	0.78
F18	14 Nov 2025	26	14.12	92.64	6.9	33.29	8.0	24.8	0.82
F18	14 Nov 2025	27	14.10	91.13	6.8	33.30	8.0	24.8	0.83
F18	14 Nov 2025	28	14.07	90.44	6.7	33.30	7.9	24.9	0.83
F18	14 Nov 2025	29	14.06	90	6.7	33.30	7.9	24.9	0.88
F18	14 Nov 2025	30	14.06	89.45	6.7	33.30	7.9	24.9	0.85
F18	14 Nov 2025	31	14.05	89.36	6.7	33.31	7.9	24.9	0.86
F18	14 Nov 2025	32	14.05	89.41	6.7	33.31	7.9	24.9	0.87
F18	14 Nov 2025	33	14.05	89.51	6.7	33.31	7.9	24.9	0.87
F18	14 Nov 2025	34	14.05	89.21	6.7	33.31	7.9	24.9	0.87
F18	14 Nov 2025	35	14.01	89.57	6.6	33.31	7.9	24.9	0.84
F18	14 Nov 2025	36	13.96	89.75	6.6	33.31	7.9	24.9	0.80
F18	14 Nov 2025	37	13.94	89.59	6.6	33.31	7.9	24.9	0.77
F18	14 Nov 2025	38	13.93	89.26	6.5	33.31	7.9	24.9	0.76
F18	14 Nov 2025	39	13.91	89.26	6.5	33.31	7.9	24.9	0.76
F18	14 Nov 2025	40	13.88	89.32	6.6	33.31	7.9	24.9	0.74
F18	14 Nov 2025	41	13.85	90.61	6.6	33.31	7.9	24.9	0.75
F18	14 Nov 2025	42	13.72	91.84	6.6	33.33	7.9	25.0	0.72
F18	14 Nov 2025	43	13.55	92.74	6.5	33.34	7.9	25.0	0.75
F18	14 Nov 2025	44	13.49	93.57	6.5	33.34	7.9	25.0	0.75
F18	14 Nov 2025	45	13.33	93.29	6.4	33.35	7.9	25.0	0.71
F18	14 Nov 2025	46	13.30	93.11	6.3	33.35	7.9	25.1	0.60
F18	14 Nov 2025	47	13.29	92.98	6.3	33.35	7.9	25.1	0.60
F18	14 Nov 2025	48	13.29	93.23	6.3	33.35	7.9	25.1	0.58
F18	14 Nov 2025	49	13.29	92.98	6.3	33.35	7.9	25.1	0.58
F18	14 Nov 2025	50	13.28	92.87	6.3	33.35	7.9	25.1	0.58
F18	14 Nov 2025	51	13.25	93.04	6.3	33.35	7.9	25.1	0.57
F18	14 Nov 2025	52	13.24	93.25	6.3	33.35	7.9	25.1	0.56

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F18	14 Nov 2025	53	13.22	93.57	6.3	33.35	7.9	25.1	0.54
F18	14 Nov 2025	54	13.17	93.85	6.3	33.35	7.9	25.1	0.53
F18	14 Nov 2025	55	13.14	93.69	6.3	33.35	7.9	25.1	0.52
F18	14 Nov 2025	56	13.14	94.31	6.3	33.35	7.9	25.1	0.52
F18	14 Nov 2025	57	13.12	95.07	6.3	33.35	7.9	25.1	0.51
F18	14 Nov 2025	58	13.08	94.94	6.3	33.36	7.9	25.1	0.50
F18	14 Nov 2025	59	13.02	94.72	6.2	33.36	7.9	25.1	0.48
F18	14 Nov 2025	60	12.99	94.55	6.2	33.37	7.9	25.1	0.46
F18	14 Nov 2025	61	12.97	94.38	6.2	33.37	7.9	25.1	0.45
F18	14 Nov 2025	62	12.96	94.58	6.2	33.37	7.9	25.1	0.46
F18	14 Nov 2025	63	12.96	94.67	6.2	33.37	7.9	25.1	0.45
F18	14 Nov 2025	64	12.95	94.64	6.2	33.37	7.9	25.1	0.45
F18	14 Nov 2025	65	12.95	94.6	6.2	33.37	7.9	25.1	0.45
F18	14 Nov 2025	66	12.95	94.63	6.2	33.37	7.9	25.1	0.45
F18	14 Nov 2025	67	12.94	94.58	6.2	33.37	7.9	25.1	0.44
F18	14 Nov 2025	68	12.93	94.59	6.1	33.37	7.9	25.1	0.43
F18	14 Nov 2025	69	12.92	94.44	6.1	33.37	7.9	25.1	0.43
F18	14 Nov 2025	70	12.92	94.37	6.1	33.37	7.9	25.1	0.44
F18	14 Nov 2025	71	12.91	94.29	6.1	33.37	7.9	25.1	0.42
F18	14 Nov 2025	72	12.90	94.28	6.1	33.37	7.9	25.2	0.45
F18	14 Nov 2025	73	12.89	94.18	6.1	33.38	7.9	25.2	0.44
F18	14 Nov 2025	74	12.86	93.85	6.0	33.38	7.9	25.2	0.42
F18	14 Nov 2025	75	12.72	93.54	5.9	33.40	7.9	25.2	0.41
F18	14 Nov 2025	76	12.39	92.71	5.8	33.44	7.8	25.3	0.34
F18	14 Nov 2025	77	12.34	90.66	5.6	33.44	7.8	25.3	0.27
F18	14 Nov 2025	78	12.34	88.61	5.6	33.43	7.8	25.3	0.27
F18	14 Nov 2025	79	12.35	88.44	5.6	33.43	7.8	25.3	0.29
F18	14 Nov 2025	80	12.31	88.42	5.6	33.43	7.8	25.3	0.28
F18	14 Nov 2025	81	12.30	87.98	5.5	33.44	7.8	25.3	0.26
F18	14 Nov 2025	82	12.30	87.7	5.5	33.44	7.8	25.3	0.26
F07	13 Nov 2025	1	17.22	86.38	8.2	33.37	8.1	24.2	1.66
F07	13 Nov 2025	2	17.12	85.97	8.1	33.37	8.1	24.2	1.71
F07	13 Nov 2025	3	16.96	86.4	8.1	33.36	8.1	24.3	1.74
F07	13 Nov 2025	4	16.60	86.25	8.1	33.35	8.1	24.3	1.83
F07	13 Nov 2025	5	16.45	86.36	8.1	33.34	8.1	24.4	1.96
F07	13 Nov 2025	6	16.40	86.51	8.0	33.34	8.1	24.4	2.21
F07	13 Nov 2025	7	16.30	86.66	8.0	33.34	8.1	24.4	2.39
F07	13 Nov 2025	8	16.15	86.94	8.0	33.33	8.1	24.4	2.45
F07	13 Nov 2025	9	16.09	87.99	8.1	33.32	8.1	24.4	2.13
F07	13 Nov 2025	10	16.06	89.39	8.1	33.32	8.1	24.4	1.98
F07	13 Nov 2025	11	15.84	90.46	8.0	33.32	8.1	24.5	1.87
F07	13 Nov 2025	12	15.72	91.43	8.0	33.31	8.1	24.5	1.77
F07	13 Nov 2025	13	15.60	91.99	8.0	33.31	8.1	24.5	1.67
F07	13 Nov 2025	14	15.49	92.85	7.9	33.31	8.1	24.6	1.51
F07	13 Nov 2025	15	15.41	93.1	7.9	33.31	8.1	24.6	1.51
F07	13 Nov 2025	16	15.33	93.45	7.9	33.30	8.1	24.6	1.44
F07	13 Nov 2025	17	15.18	93.2	7.8	33.30	8.1	24.6	1.32
F07	13 Nov 2025	18	15.03	93.95	7.8	33.30	8.1	24.7	1.26
F07	13 Nov 2025	19	14.99	94.32	7.8	33.30	8.1	24.7	1.21
F07	13 Nov 2025	20	14.86	94.36	7.6	33.30	8.0	24.7	1.26
F07	13 Nov 2025	21	14.59	93.99	7.5	33.30	8.0	24.8	1.19
F07	13 Nov 2025	22	14.55	93.42	7.3	33.30	8.0	24.8	1.15
F07	13 Nov 2025	23	14.53	92.48	7.3	33.30	8.0	24.8	1.11
F07	13 Nov 2025	24	14.53	91.56	7.3	33.30	8.0	24.8	1.11
F07	13 Nov 2025	25	14.53	91.49	7.3	33.30	8.0	24.8	1.19
F07	13 Nov 2025	26	14.53	91.63	7.3	33.30	8.0	24.8	1.16
F07	13 Nov 2025	27	14.52	91.7	7.3	33.30	8.0	24.8	1.13
F07	13 Nov 2025	28	14.50	91.63	7.2	33.30	8.0	24.8	1.12
F07	13 Nov 2025	29	14.50	91.32	7.2	33.30	8.0	24.8	1.17
F07	13 Nov 2025	30	14.50	91	7.2	33.31	8.0	24.8	1.18

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F07	13 Nov 2025	31	14.50	90.81	7.2	33.30	8.0	24.8	1.15
F07	13 Nov 2025	32	14.49	90.91	7.2	33.30	8.0	24.8	1.16
F07	13 Nov 2025	33	14.46	90.99	7.2	33.31	8.0	24.8	1.13
F07	13 Nov 2025	34	14.45	90.99	7.2	33.30	8.0	24.8	1.11
F07	13 Nov 2025	35	14.41	91.09	7.1	33.31	8.0	24.8	1.11
F07	13 Nov 2025	36	14.38	90.88	7.1	33.31	8.0	24.8	1.13
F07	13 Nov 2025	37	14.34	90.36	7.0	33.31	8.0	24.8	1.12
F07	13 Nov 2025	38	14.22	89.73	7.0	33.31	8.0	24.8	1.09
F07	13 Nov 2025	39	14.14	89.28	6.9	33.31	8.0	24.9	1.07
F07	13 Nov 2025	40	14.07	89.18	7.0	33.31	8.0	24.9	1.01
F07	13 Nov 2025	41	14.02	89.72	6.9	33.31	8.0	24.9	0.98
F07	13 Nov 2025	42	14.00	91.06	6.8	33.31	8.0	24.9	0.96
F07	13 Nov 2025	43	13.99	90.59	6.7	33.31	8.0	24.9	0.99
F07	13 Nov 2025	44	13.97	88.13	6.7	33.31	8.0	24.9	1.01
F07	13 Nov 2025	45	13.95	86.61	6.8	33.31	8.0	24.9	0.98
F07	13 Nov 2025	46	13.95	87.62	6.9	33.31	8.0	24.9	0.90
F07	13 Nov 2025	47	13.93	90.44	6.9	33.32	8.0	24.9	0.85
F07	13 Nov 2025	48	13.89	92.43	6.9	33.32	8.0	24.9	0.87
F07	13 Nov 2025	49	13.87	92.62	6.9	33.32	8.0	24.9	0.83
F07	13 Nov 2025	50	13.82	92.66	6.8	33.32	8.0	24.9	0.81
F07	13 Nov 2025	51	13.71	92.64	6.7	33.32	8.0	25.0	0.80
F07	13 Nov 2025	52	13.67	92.37	6.6	33.33	8.0	25.0	0.82
F07	13 Nov 2025	53	13.62	91.42	6.6	33.33	8.0	25.0	0.79
F07	13 Nov 2025	54	13.56	90.17	6.5	33.33	7.9	25.0	0.77
F07	13 Nov 2025	55	13.54	90.63	6.5	33.33	7.9	25.0	0.73
F07	13 Nov 2025	56	13.52	90.84	6.5	33.33	7.9	25.0	0.71
F07	13 Nov 2025	57	13.48	91.12	6.5	33.33	7.9	25.0	0.68
F07	13 Nov 2025	58	13.41	91.13	6.4	33.34	7.9	25.0	0.66
F07	13 Nov 2025	59	13.36	91.07	6.4	33.34	7.9	25.0	0.66
F07	13 Nov 2025	60	13.29	91.31	6.4	33.34	7.9	25.1	0.63
F07	13 Nov 2025	61	13.24	91.78	6.4	33.35	7.9	25.1	0.61
F07	13 Nov 2025	62	13.22	92.44	6.3	33.35	7.9	25.1	0.61
F07	13 Nov 2025	63	13.18	92.8	6.3	33.35	7.9	25.1	0.60
F07	13 Nov 2025	64	12.89	92.52	6.1	33.38	7.9	25.2	0.54
F30	12 Nov 2025	1	19.25	95.04	7.9	33.44	8.1	23.8	0.23
F30	12 Nov 2025	2	19.18	95.25	7.9	33.44	8.1	23.8	0.22
F30	12 Nov 2025	3	19.12	95.28	7.9	33.44	8.2	23.8	0.22
F30	12 Nov 2025	4	19.03	95.24	7.9	33.43	8.2	23.8	0.22
F30	12 Nov 2025	5	18.77	95.39	8.0	33.40	8.2	23.9	0.21
F30	12 Nov 2025	6	18.37	95.71	8.1	33.37	8.2	23.9	0.23
F30	12 Nov 2025	7	18.09	95.68	8.2	33.35	8.1	24.0	0.22
F30	12 Nov 2025	8	17.96	95.71	8.2	33.34	8.1	24.0	0.23
F30	12 Nov 2025	9	17.42	95.73	8.3	33.31	8.1	24.1	0.26
F30	12 Nov 2025	10	17.23	95.72	8.2	33.29	8.1	24.1	0.29
F30	12 Nov 2025	11	16.34	95.73	8.4	33.27	8.1	24.3	0.32
F30	12 Nov 2025	12	16.03	95.66	8.4	33.23	8.1	24.4	0.40
F30	12 Nov 2025	13	15.69	95.52	8.5	33.22	8.1	24.4	0.48
F30	12 Nov 2025	14	15.51	95.41	8.4	33.21	8.1	24.5	0.58
F30	12 Nov 2025	15	15.19	94.89	8.3	33.23	8.1	24.6	0.77
F30	12 Nov 2025	16	14.88	94.45	8.3	33.22	8.1	24.6	0.94
F30	12 Nov 2025	17	14.72	94.5	8.3	33.20	8.1	24.6	1.00
F30	12 Nov 2025	18	14.68	94.65	8.3	33.19	8.1	24.6	1.00
F30	12 Nov 2025	19	14.68	94.89	8.3	33.19	8.1	24.6	1.07
F30	12 Nov 2025	20	14.66	94.82	8.3	33.19	8.1	24.7	1.11
F30	12 Nov 2025	21	14.60	94.91	8.3	33.19	8.1	24.7	1.18
F30	12 Nov 2025	22	14.55	94.9	8.2	33.20	8.1	24.7	1.23
F30	12 Nov 2025	23	14.45	94.98	8.2	33.21	8.1	24.7	1.23
F30	12 Nov 2025	24	14.42	94.84	8.1	33.22	8.1	24.7	1.31
F30	12 Nov 2025	25	14.38	94.81	8.0	33.23	8.1	24.7	1.35
F30	12 Nov 2025	26	14.34	94.8	7.9	33.25	8.1	24.8	1.37

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F30	12 Nov 2025	27	14.25	94.72	7.8	33.26	8.1	24.8	1.34
F30	12 Nov 2025	28	14.12	94.77	7.6	33.26	8.0	24.8	1.24
F30	12 Nov 2025	29	13.84	94.94	7.5	33.27	8.0	24.9	1.18
F30	12 Nov 2025	30	13.67	95.3	7.4	33.27	8.0	24.9	1.17
F30	12 Nov 2025	31	13.63	95.35	7.3	33.27	8.0	24.9	1.15
F30	12 Nov 2025	32	13.61	95.39	7.3	33.27	8.0	24.9	1.14
F30	12 Nov 2025	33	13.61	95.48	7.3	33.27	8.0	24.9	1.14
F30	12 Nov 2025	34	13.58	95.55	7.3	33.27	8.0	24.9	1.14
F30	12 Nov 2025	35	13.54	95.66	7.3	33.27	8.0	24.9	1.08
F30	12 Nov 2025	36	13.42	95.83	7.2	33.28	8.0	25.0	1.02
F30	12 Nov 2025	37	13.24	96.05	7.2	33.28	8.0	25.0	0.92
F30	12 Nov 2025	38	13.04	96.34	7.0	33.29	8.0	25.1	0.86
F30	12 Nov 2025	39	13.06	96.56	6.8	33.32	8.0	25.1	0.78
F30	12 Nov 2025	40	13.06	96.3	6.7	33.34	8.0	25.1	0.76
F30	12 Nov 2025	41	13.06	96.08	6.6	33.34	7.9	25.1	0.77
F30	12 Nov 2025	42	13.06	95.95	6.5	33.34	7.9	25.1	0.77
F30	12 Nov 2025	43	13.05	95.99	6.5	33.35	7.9	25.1	0.77
F30	12 Nov 2025	44	13.05	95.93	6.5	33.35	7.9	25.1	0.75
F30	12 Nov 2025	45	13.04	95.98	6.5	33.35	7.9	25.1	0.76
F30	12 Nov 2025	46	13.01	96	6.4	33.35	7.9	25.1	0.75
F30	12 Nov 2025	47	12.99	95.99	6.4	33.36	7.9	25.1	0.72
F30	12 Nov 2025	48	12.91	95.95	6.3	33.37	7.9	25.1	0.69
F30	12 Nov 2025	49	12.92	96.03	6.3	33.36	7.9	25.1	0.68
F30	12 Nov 2025	50	12.82	96.01	6.2	33.38	7.9	25.2	0.65
F30	12 Nov 2025	51	12.79	95.63	6.0	33.39	7.9	25.2	0.52
F30	12 Nov 2025	52	12.78	95.31	6.0	33.39	7.9	25.2	0.47
F30	12 Nov 2025	53	12.71	94.46	5.8	33.41	7.9	25.2	0.43
F30	12 Nov 2025	54	12.68	93.48	5.8	33.41	7.9	25.2	0.39
F30	12 Nov 2025	55	12.68	93.73	5.8	33.41	7.9	25.2	0.38
F30	12 Nov 2025	56	12.68	94.05	5.8	33.41	7.9	25.2	0.37
F30	12 Nov 2025	57	12.67	94.3	5.8	33.41	7.9	25.2	0.38
F30	12 Nov 2025	58	12.67	94.47	5.8	33.41	7.9	25.2	0.39
F30	12 Nov 2025	59	12.64	94.54	5.8	33.41	7.9	25.2	0.39
F30	12 Nov 2025	60	12.58	94.28	5.7	33.42	7.9	25.3	0.36
F30	12 Nov 2025	61	12.58	93.95	5.7	33.42	7.9	25.3	0.37
F30	12 Nov 2025	62	12.51	93.67	5.7	33.43	7.9	25.3	0.35
F30	12 Nov 2025	63	12.48	93.4	5.7	33.43	7.9	25.3	0.31
F30	12 Nov 2025	64	12.38	93.03	5.6	33.43	7.9	25.3	0.29
F30	12 Nov 2025	65	12.12	92.16	5.4	33.41	7.8	25.3	0.24
F30	12 Nov 2025	66	11.91	89.66	5.2	33.39	7.8	25.4	0.20
F30	12 Nov 2025	67	11.76	87.39	5.0	33.36	7.8	25.4	0.17
F30	12 Nov 2025	68	11.76	86.4	5.0	33.36	7.8	25.4	0.16
F30	12 Nov 2025	69	11.64	86.01	4.9	33.35	7.8	25.4	0.15
F30	12 Nov 2025	70	11.57	85.64	4.8	33.34	7.8	25.4	0.14
F30	12 Nov 2025	71	11.56	84.9	4.8	33.34	7.8	25.4	0.13
F30	12 Nov 2025	72	11.56	84.79	4.8	33.35	7.8	25.4	0.13
F30	12 Nov 2025	73	11.60	84.85	4.8	33.35	7.8	25.4	0.13
F30	12 Nov 2025	74	11.65	85.56	4.9	33.38	7.8	25.4	0.13
F30	12 Nov 2025	75	11.63	87.29	4.9	33.38	7.8	25.4	0.13
F30	12 Nov 2025	76	11.58	87.38	4.8	33.38	7.8	25.4	0.13
F30	12 Nov 2025	77	11.57	86.63	4.8	33.38	7.8	25.4	0.12
F30	12 Nov 2025	78	11.60	86.77	4.8	33.39	7.8	25.4	0.12
F30	12 Nov 2025	79	11.59	88.01	4.8	33.41	7.8	25.4	0.12
F30	12 Nov 2025	80	11.58	88.56	4.8	33.41	7.8	25.4	0.12
F30	12 Nov 2025	81	11.56	88.82	4.8	33.41	7.8	25.4	0.11
F30	12 Nov 2025	82	11.52	88.26	4.8	33.42	7.8	25.5	0.11
F30	12 Nov 2025	83	11.50	87.96	4.7	33.43	7.8	25.5	0.11
F30	12 Nov 2025	84	11.50	88.15	4.8	33.44	7.8	25.5	0.11
F30	12 Nov 2025	85	11.47	88.52	4.8	33.45	7.8	25.5	0.10
F30	12 Nov 2025	86	11.45	88.75	4.7	33.46	7.8	25.5	0.10
F30	12 Nov 2025	87	11.42	89.26	4.7	33.48	7.8	25.5	0.10

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F30	12 Nov 2025	88	11.38	89.83	4.7	33.49	7.8	25.5	0.10
F30	12 Nov 2025	89	11.34	89.93	4.6	33.51	7.8	25.6	0.10
F30	12 Nov 2025	90	11.28	90.32	4.6	33.51	7.8	25.6	0.09
F30	12 Nov 2025	91	11.23	91.06	4.6	33.54	7.8	25.6	0.08
F30	12 Nov 2025	92	11.23	93.22	4.6	33.55	7.8	25.6	0.09
F30	12 Nov 2025	93	11.20	93.53	4.7	33.57	7.8	25.6	0.08
F30	12 Nov 2025	94	11.15	93.85	4.7	33.61	7.8	25.7	0.08
F30	12 Nov 2025	95	11.15	95.09	4.7	33.61	7.8	25.7	0.07
F30	12 Nov 2025	96	11.09	95.75	4.7	33.63	7.8	25.7	0.07
F30	12 Nov 2025	97	11.08	95.61	4.7	33.63	7.8	25.7	0.07
F30	12 Nov 2025	98	11.06	95.46	4.6	33.64	7.8	25.7	0.08
F19	14 Nov 2025	1	19.38	96.08	7.8	33.44	8.1	23.7	0.31
F19	14 Nov 2025	2	19.38	96.04	7.8	33.44	8.1	23.7	0.32
F19	14 Nov 2025	3	19.38	95.82	7.8	33.44	8.1	23.7	0.34
F19	14 Nov 2025	4	19.38	95.98	7.8	33.44	8.1	23.7	0.35
F19	14 Nov 2025	5	19.38	96.1	7.8	33.44	8.1	23.7	0.36
F19	14 Nov 2025	6	19.38	96.09	7.8	33.44	8.1	23.7	0.38
F19	14 Nov 2025	7	19.37	96.01	7.8	33.44	8.1	23.7	0.35
F19	14 Nov 2025	8	19.16	96.03	7.8	33.44	8.1	23.8	0.34
F19	14 Nov 2025	9	18.69	96.12	7.9	33.40	8.1	23.9	0.33
F19	14 Nov 2025	10	18.53	96.24	8.0	33.38	8.1	23.9	0.32
F19	14 Nov 2025	11	18.26	96.36	8.1	33.36	8.1	24.0	0.35
F19	14 Nov 2025	12	18.01	96.41	8.1	33.35	8.1	24.0	0.37
F19	14 Nov 2025	13	17.72	96.36	8.1	33.34	8.1	24.1	0.41
F19	14 Nov 2025	14	17.15	96.22	8.2	33.33	8.1	24.2	0.54
F19	14 Nov 2025	15	16.78	95.86	8.2	33.32	8.1	24.3	0.74
F19	14 Nov 2025	16	16.59	95.61	8.1	33.31	8.1	24.3	0.84
F19	14 Nov 2025	17	16.35	95.38	8.0	33.31	8.1	24.4	0.89
F19	14 Nov 2025	18	15.98	95.21	8.0	33.30	8.1	24.4	0.95
F19	14 Nov 2025	19	15.71	95.11	7.9	33.29	8.1	24.5	0.99
F19	14 Nov 2025	20	15.33	95.13	7.8	33.29	8.0	24.6	0.99
F19	14 Nov 2025	21	14.94	95.14	7.8	33.29	8.0	24.7	1.03
F19	14 Nov 2025	22	14.65	95.16	7.7	33.28	8.0	24.7	1.06
F19	14 Nov 2025	23	14.59	95.21	7.7	33.27	8.0	24.7	1.05
F19	14 Nov 2025	24	14.51	95.13	7.7	33.27	8.0	24.7	1.07
F19	14 Nov 2025	25	14.47	95.16	7.6	33.27	8.0	24.8	1.08
F19	14 Nov 2025	26	14.37	95.3	7.6	33.27	8.0	24.8	1.08
F19	14 Nov 2025	27	14.08	95.38	7.6	33.27	8.0	24.8	1.07
F19	14 Nov 2025	28	13.94	95.5	7.4	33.28	8.0	24.9	1.03
F19	14 Nov 2025	29	13.91	95.69	7.3	33.29	8.0	24.9	0.97
F19	14 Nov 2025	30	13.90	95.79	7.3	33.29	8.0	24.9	0.97
F19	14 Nov 2025	31	13.81	95.85	7.1	33.30	8.0	24.9	0.90
F19	14 Nov 2025	32	13.75	94.79	6.8	33.31	8.0	24.9	0.82
F19	14 Nov 2025	33	13.72	93.75	6.7	33.31	7.9	24.9	0.80
F19	14 Nov 2025	34	13.68	93.27	6.6	33.32	7.9	25.0	0.75
F19	14 Nov 2025	35	13.67	93.03	6.6	33.32	7.9	25.0	0.74
F19	14 Nov 2025	36	13.62	92.85	6.6	33.32	7.9	25.0	0.74
F19	14 Nov 2025	37	13.59	92.93	6.5	33.33	7.9	25.0	0.77
F19	14 Nov 2025	38	13.53	92.54	6.5	33.33	7.9	25.0	0.72
F19	14 Nov 2025	39	13.49	92.11	6.4	33.33	7.9	25.0	0.71
F19	14 Nov 2025	40	13.48	92.13	6.4	33.34	7.9	25.0	0.69
F19	14 Nov 2025	41	13.46	91.93	6.4	33.34	7.9	25.0	0.68
F19	14 Nov 2025	42	13.44	91.57	6.4	33.34	7.9	25.0	0.63
F19	14 Nov 2025	43	13.42	91.47	6.4	33.34	7.9	25.0	0.60
F19	14 Nov 2025	44	13.41	91.25	6.4	33.34	7.9	25.0	0.59
F19	14 Nov 2025	45	13.39	91.29	6.3	33.34	7.9	25.0	0.58
F19	14 Nov 2025	46	13.37	91.21	6.3	33.35	7.9	25.0	0.56
F19	14 Nov 2025	47	13.36	91.38	6.3	33.35	7.9	25.0	0.57
F19	14 Nov 2025	48	13.35	91.69	6.3	33.35	7.9	25.0	0.57
F19	14 Nov 2025	49	13.34	91.82	6.3	33.35	7.9	25.0	0.59

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F19	14 Nov 2025	50	13.34	91.81	6.3	33.35	7.9	25.0	0.57
F19	14 Nov 2025	51	13.33	91.63	6.3	33.35	7.9	25.0	0.55
F19	14 Nov 2025	52	13.31	91.47	6.3	33.35	7.9	25.1	0.55
F19	14 Nov 2025	53	13.25	91.43	6.3	33.35	7.9	25.1	0.54
F19	14 Nov 2025	54	13.19	91.72	6.3	33.35	7.9	25.1	0.53
F19	14 Nov 2025	55	13.18	92.66	6.3	33.35	7.9	25.1	0.53
F19	14 Nov 2025	56	13.17	93.46	6.3	33.35	7.9	25.1	0.53
F19	14 Nov 2025	57	13.11	93.59	6.3	33.36	7.9	25.1	0.52
F19	14 Nov 2025	58	13.05	93.97	6.2	33.36	7.9	25.1	0.51
F19	14 Nov 2025	59	13.03	94.24	6.2	33.36	7.9	25.1	0.51
F19	14 Nov 2025	60	13.02	94.41	6.2	33.36	7.9	25.1	0.50
F19	14 Nov 2025	61	13.02	94.51	6.2	33.36	7.9	25.1	0.50
F19	14 Nov 2025	62	13.02	94.5	6.2	33.36	7.9	25.1	0.49
F19	14 Nov 2025	63	13.00	94.56	6.2	33.37	7.9	25.1	0.49
F19	14 Nov 2025	64	12.99	94.52	6.2	33.37	7.9	25.1	0.47
F19	14 Nov 2025	65	12.97	94.48	6.1	33.37	7.9	25.1	0.50
F19	14 Nov 2025	66	12.91	94.42	6.0	33.38	7.9	25.2	0.46
F19	14 Nov 2025	67	12.80	94.12	5.9	33.39	7.9	25.2	0.41
F19	14 Nov 2025	68	12.70	93.21	5.8	33.40	7.8	25.2	0.37
F19	14 Nov 2025	69	12.65	93.09	5.8	33.40	7.8	25.2	0.34
F19	14 Nov 2025	70	12.63	93.54	5.8	33.41	7.8	25.2	0.35
F19	14 Nov 2025	71	12.58	93.52	5.8	33.41	7.8	25.2	0.34
F19	14 Nov 2025	72	12.53	93.37	5.8	33.41	7.8	25.3	0.33
F19	14 Nov 2025	73	12.49	93.26	5.7	33.42	7.8	25.3	0.31
F19	14 Nov 2025	74	12.48	92.79	5.7	33.42	7.8	25.3	0.30
F19	14 Nov 2025	75	12.47	92.83	5.7	33.42	7.8	25.3	0.30
F19	14 Nov 2025	76	12.47	92.36	5.7	33.42	7.8	25.3	0.29
F19	14 Nov 2025	77	12.47	92.57	5.6	33.42	7.8	25.3	0.29
F19	14 Nov 2025	78	12.44	92.34	5.6	33.42	7.8	25.3	0.30
F19	14 Nov 2025	79	12.34	91.01	5.5	33.44	7.8	25.3	0.28
F19	14 Nov 2025	80	12.20	90.69	5.4	33.45	7.8	25.4	0.26
F19	14 Nov 2025	81	12.11	89.9	5.3	33.46	7.8	25.4	0.22
F19	14 Nov 2025	82	12.02	87.97	5.2	33.47	7.8	25.4	0.19
F19	14 Nov 2025	83	11.97	87.41	5.2	33.48	7.8	25.4	0.17
F08	13 Nov 2025	2	17.59	NA	8.0	33.28	8.1	24.1	0.85
F08	13 Nov 2025	3	17.49	88.8	8.1	33.39	8.1	24.2	1.04
F08	13 Nov 2025	4	17.43	88.47	7.8	33.38	8.1	24.2	1.09
F08	13 Nov 2025	5	17.38	89.76	7.7	33.39	8.1	24.2	1.27
F08	13 Nov 2025	6	17.19	90.54	7.9	33.38	8.1	24.2	1.46
F08	13 Nov 2025	7	16.87	90.72	7.9	33.37	8.1	24.3	1.50
F08	13 Nov 2025	8	16.56	91.03	7.9	33.36	8.1	24.4	1.66
F08	13 Nov 2025	9	16.46	90.74	7.9	33.35	8.1	24.4	1.98
F08	13 Nov 2025	10	16.34	89.91	7.9	33.34	8.1	24.4	2.18
F08	13 Nov 2025	11	16.27	89.27	7.9	33.34	8.1	24.4	2.17
F08	13 Nov 2025	12	15.85	89.6	7.9	33.33	8.1	24.5	2.21
F08	13 Nov 2025	13	15.68	89.44	7.9	33.32	8.1	24.5	2.17
F08	13 Nov 2025	14	15.63	89.67	7.8	33.32	8.1	24.5	2.07
F08	13 Nov 2025	15	15.60	90.71	7.8	33.32	8.1	24.5	1.91
F08	13 Nov 2025	16	15.57	91.41	7.8	33.32	8.1	24.5	1.91
F08	13 Nov 2025	17	15.55	91.63	7.8	33.32	8.1	24.6	1.80
F08	13 Nov 2025	18	15.45	91.7	7.8	33.32	8.1	24.6	1.76
F08	13 Nov 2025	19	15.33	91.83	7.7	33.31	8.1	24.6	1.72
F08	13 Nov 2025	20	15.21	91.86	7.7	33.31	8.1	24.6	1.64
F08	13 Nov 2025	21	15.09	92.03	7.6	33.31	8.1	24.7	1.64
F08	13 Nov 2025	22	14.93	92.02	7.5	33.31	8.0	24.7	1.51
F08	13 Nov 2025	23	14.80	92.09	7.5	33.31	8.0	24.7	1.42
F08	13 Nov 2025	24	14.62	91.94	7.4	33.31	8.0	24.8	1.43
F08	13 Nov 2025	25	14.53	91.63	7.3	33.31	8.0	24.8	1.42
F08	13 Nov 2025	26	14.52	91.3	7.3	33.31	8.0	24.8	1.40
F08	13 Nov 2025	27	14.52	91.1	7.2	33.31	8.0	24.8	1.37

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F08	13 Nov 2025	28	14.52	91.03	7.2	33.31	8.0	24.8	1.34
F08	13 Nov 2025	29	14.50	91.13	7.2	33.31	8.0	24.8	1.29
F08	13 Nov 2025	30	14.37	91.47	7.2	33.32	8.0	24.8	1.17
F08	13 Nov 2025	31	14.27	91.62	7.1	33.31	8.0	24.8	1.07
F08	13 Nov 2025	32	14.22	92.13	7.1	33.31	8.0	24.8	1.03
F08	13 Nov 2025	33	14.15	92.1	7.0	33.31	8.0	24.9	1.00
F08	13 Nov 2025	34	14.13	91.87	7.0	33.31	8.0	24.9	0.99
F08	13 Nov 2025	35	14.11	91.58	7.0	33.31	8.0	24.9	0.97
F08	13 Nov 2025	36	14.08	91.27	7.0	33.31	8.0	24.9	0.98
F08	13 Nov 2025	37	14.06	91.14	7.0	33.31	8.0	24.9	0.97
F08	13 Nov 2025	38	14.03	91.11	6.9	33.32	8.0	24.9	0.96
F08	13 Nov 2025	39	14.01	91.37	6.9	33.32	8.0	24.9	0.92
F08	13 Nov 2025	40	13.89	91.4	6.8	33.33	8.0	24.9	0.92
F08	13 Nov 2025	41	13.81	90.9	6.7	33.32	8.0	24.9	0.84
F08	13 Nov 2025	42	13.77	90.72	6.7	33.32	8.0	24.9	0.83
F08	13 Nov 2025	43	13.74	90.52	6.7	33.32	8.0	24.9	0.82
F08	13 Nov 2025	44	13.71	90.24	6.6	33.32	8.0	25.0	0.83
F08	13 Nov 2025	45	13.62	90.02	6.6	33.33	8.0	25.0	0.77
F08	13 Nov 2025	46	13.57	90.41	6.6	33.33	8.0	25.0	0.78
F08	13 Nov 2025	47	13.53	91.18	6.6	33.32	8.0	25.0	0.72
F08	13 Nov 2025	48	13.56	91.17	6.6	33.33	8.0	25.0	0.73
F08	13 Nov 2025	49	13.56	91.51	6.6	33.33	8.0	25.0	0.73
F08	13 Nov 2025	50	13.53	91.64	6.6	33.32	8.0	25.0	0.72
F08	13 Nov 2025	51	13.52	91.68	6.6	33.32	7.9	25.0	0.74
F08	13 Nov 2025	52	13.54	91.48	6.6	33.33	8.0	25.0	0.74
F08	13 Nov 2025	53	13.54	91.66	6.6	33.33	7.9	25.0	0.75
F08	13 Nov 2025	54	13.51	91.45	6.5	33.33	7.9	25.0	0.73
F08	13 Nov 2025	55	13.41	91.44	6.4	33.32	7.9	25.0	0.69
F08	13 Nov 2025	56	13.34	91.17	6.4	33.32	7.9	25.0	0.66
F08	13 Nov 2025	57	13.30	91.06	6.3	33.33	7.9	25.0	0.64
F08	13 Nov 2025	58	13.21	91.01	6.2	33.33	7.9	25.1	0.59
F08	13 Nov 2025	59	13.03	90.82	6.1	33.35	7.9	25.1	0.55
F08	13 Nov 2025	60	12.80	90.06	5.9	33.38	7.9	25.2	0.46
F08	13 Nov 2025	61	12.77	89.28	5.8	33.38	7.9	25.2	0.42
F08	13 Nov 2025	62	12.77	88.71	5.8	33.38	7.9	25.2	0.42
F31	12 Nov 2025	1	19.22	95.01	7.9	33.44	8.1	23.8	0.34
F31	12 Nov 2025	2	19.22	94.74	7.9	33.44	8.1	23.8	0.34
F31	12 Nov 2025	3	19.21	94.98	7.9	33.44	8.1	23.8	0.36
F31	12 Nov 2025	4	19.21	95.18	7.8	33.44	8.1	23.8	0.35
F31	12 Nov 2025	5	18.40	95.3	7.9	33.39	8.2	23.9	0.28
F31	12 Nov 2025	6	17.48	95.57	8.2	33.31	8.1	24.1	0.24
F31	12 Nov 2025	7	17.27	95.78	8.3	33.29	8.1	24.1	0.27
F31	12 Nov 2025	8	17.05	95.54	8.3	33.28	8.1	24.2	0.29
F31	12 Nov 2025	9	16.61	95.76	8.3	33.26	8.1	24.3	0.33
F31	12 Nov 2025	10	16.25	95.68	8.4	33.24	8.1	24.3	0.38
F31	12 Nov 2025	11	15.83	95.61	8.4	33.22	8.1	24.4	0.43
F31	12 Nov 2025	12	15.65	95.46	8.5	33.20	8.1	24.4	0.61
F31	12 Nov 2025	13	15.60	95.16	8.5	33.20	8.1	24.5	0.73
F31	12 Nov 2025	14	15.45	94.95	8.4	33.20	8.1	24.5	0.82
F31	12 Nov 2025	15	15.24	94.81	8.4	33.20	8.1	24.5	0.99
F31	12 Nov 2025	16	15.10	94.55	8.4	33.19	8.1	24.6	1.14
F31	12 Nov 2025	17	14.90	94.49	8.4	33.19	8.1	24.6	1.31
F31	12 Nov 2025	18	14.80	94.54	8.4	33.19	8.1	24.6	1.27
F31	12 Nov 2025	19	14.77	94.61	8.3	33.19	8.1	24.6	1.33
F31	12 Nov 2025	20	14.63	94.56	8.3	33.20	8.1	24.7	1.33
F31	12 Nov 2025	21	14.56	94.94	8.3	33.21	8.1	24.7	1.34
F31	12 Nov 2025	22	14.42	95.12	8.3	33.22	8.1	24.7	1.32
F31	12 Nov 2025	23	14.33	95.27	8.2	33.21	8.1	24.7	1.37
F31	12 Nov 2025	24	14.20	95.26	8.1	33.21	8.1	24.8	1.30
F31	12 Nov 2025	25	14.06	95.28	8.0	33.22	8.1	24.8	1.25

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F31	12 Nov 2025	26	13.91	95.4	7.9	33.23	8.1	24.8	1.25
F31	12 Nov 2025	27	13.86	95.53	7.8	33.23	8.0	24.9	1.23
F31	12 Nov 2025	28	13.82	95.54	7.7	33.23	8.0	24.9	1.22
F31	12 Nov 2025	29	13.76	95.66	7.7	33.24	8.0	24.9	1.21
F31	12 Nov 2025	30	13.72	95.68	7.6	33.24	8.0	24.9	1.17
F31	12 Nov 2025	31	13.67	95.73	7.6	33.24	8.0	24.9	1.16
F31	12 Nov 2025	32	13.62	95.83	7.5	33.25	8.0	24.9	1.10
F31	12 Nov 2025	33	13.57	95.91	7.5	33.25	8.0	24.9	1.05
F31	12 Nov 2025	34	13.51	96.08	7.4	33.26	8.0	24.9	1.01
F31	12 Nov 2025	35	13.48	96.22	7.4	33.26	8.0	24.9	0.98
F31	12 Nov 2025	36	13.44	96.29	7.4	33.26	8.0	25.0	0.96
F31	12 Nov 2025	37	13.31	96.31	7.3	33.25	8.0	25.0	0.91
F31	12 Nov 2025	38	13.13	96.52	7.3	33.24	8.0	25.0	0.77
F31	12 Nov 2025	39	13.11	96.75	7.2	33.24	8.0	25.0	0.68
F31	12 Nov 2025	40	12.96	96.96	7.2	33.27	8.0	25.1	0.66
F31	12 Nov 2025	41	12.87	96.99	7.1	33.27	8.0	25.1	0.62
F31	12 Nov 2025	42	12.88	97.03	7.0	33.27	8.0	25.1	0.59
F31	12 Nov 2025	43	12.82	97.15	7.0	33.29	8.0	25.1	0.59
F31	12 Nov 2025	44	12.77	97.1	6.9	33.31	8.0	25.1	0.57
F31	12 Nov 2025	45	12.75	97.12	6.8	33.32	8.0	25.1	0.55
F31	12 Nov 2025	46	12.74	97.15	6.8	33.33	8.0	25.1	0.54
F31	12 Nov 2025	47	12.71	97.11	6.7	33.34	7.9	25.2	0.52
F31	12 Nov 2025	48	12.70	97.08	6.6	33.34	7.9	25.2	0.54
F31	12 Nov 2025	49	12.66	97.02	6.5	33.37	7.9	25.2	0.53
F31	12 Nov 2025	50	12.65	96.92	6.4	33.37	7.9	25.2	0.52
F31	12 Nov 2025	51	12.64	96.95	6.4	33.37	7.9	25.2	0.52
F31	12 Nov 2025	52	12.63	96.96	6.4	33.37	7.9	25.2	0.51
F31	12 Nov 2025	53	12.61	96.94	6.3	33.38	7.9	25.2	0.51
F31	12 Nov 2025	54	12.59	96.86	6.2	33.39	7.9	25.2	0.48
F31	12 Nov 2025	55	12.57	96.83	6.2	33.39	7.9	25.2	0.47
F31	12 Nov 2025	56	12.56	96.77	6.2	33.40	7.9	25.2	0.46
F31	12 Nov 2025	57	12.55	96.78	6.1	33.40	7.9	25.2	0.46
F31	12 Nov 2025	58	12.53	96.77	6.1	33.40	7.9	25.2	0.47
F31	12 Nov 2025	59	12.52	96.79	6.1	33.40	7.9	25.2	0.45
F31	12 Nov 2025	60	12.47	96.77	6.0	33.41	7.9	25.3	0.43
F31	12 Nov 2025	61	12.41	96.66	6.0	33.42	7.9	25.3	0.40
F31	12 Nov 2025	62	12.38	96.51	5.9	33.42	7.9	25.3	0.36
F31	12 Nov 2025	63	12.38	96.4	5.9	33.42	7.9	25.3	0.34
F31	12 Nov 2025	64	12.35	96.12	5.8	33.42	7.9	25.3	0.33
F31	12 Nov 2025	65	12.30	95.79	5.8	33.42	7.9	25.3	0.29
F31	12 Nov 2025	66	12.28	95.8	5.7	33.42	7.9	25.3	0.26
F31	12 Nov 2025	67	12.26	95.8	5.7	33.42	7.8	25.3	0.24
F31	12 Nov 2025	68	12.21	95.62	5.6	33.42	7.8	25.3	0.22
F31	12 Nov 2025	69	12.19	95.53	5.6	33.42	7.8	25.3	0.22
F31	12 Nov 2025	70	12.18	95.5	5.6	33.45	7.8	25.3	0.21
F31	12 Nov 2025	71	12.09	94.86	5.5	33.45	7.8	25.4	0.19
F31	12 Nov 2025	72	12.03	95.01	5.5	33.46	7.8	25.4	0.17
F31	12 Nov 2025	73	11.96	95.4	5.4	33.46	7.8	25.4	0.16
F31	12 Nov 2025	74	11.79	95.82	5.4	33.46	7.8	25.4	0.13
F31	12 Nov 2025	75	11.63	95.98	5.2	33.45	7.8	25.5	0.13
F31	12 Nov 2025	76	11.53	94.25	5.0	33.44	7.8	25.5	0.12
F31	12 Nov 2025	77	11.53	93.33	4.9	33.44	7.8	25.5	0.10
F31	12 Nov 2025	78	11.53	93.57	4.9	33.45	7.8	25.5	0.10
F31	12 Nov 2025	79	11.52	93.6	4.9	33.45	7.8	25.5	0.10
F31	12 Nov 2025	80	11.51	93.79	4.9	33.46	7.8	25.5	0.09
F31	12 Nov 2025	81	11.50	94.16	4.9	33.47	7.8	25.5	0.09
F31	12 Nov 2025	82	11.51	94.67	5.0	33.48	7.8	25.5	0.09
F31	12 Nov 2025	83	11.51	94.65	5.0	33.48	7.8	25.5	0.09
F31	12 Nov 2025	84	11.52	94.82	5.0	33.48	7.8	25.5	0.09
F31	12 Nov 2025	85	11.53	94.88	5.0	33.49	7.8	25.5	0.09
F31	12 Nov 2025	86	11.54	94.98	5.0	33.50	7.8	25.5	0.10

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F31	12 Nov 2025	87	11.54	94.95	5.0	33.50	7.8	25.5	0.10
F31	12 Nov 2025	88	11.51	94.86	5.0	33.51	7.8	25.5	0.10
F31	12 Nov 2025	89	11.49	94.61	5.0	33.51	7.8	25.5	0.09
F31	12 Nov 2025	90	11.43	94.35	5.0	33.53	7.8	25.6	0.09
F31	12 Nov 2025	91	11.40	93.93	4.9	33.53	7.8	25.6	0.09
F31	12 Nov 2025	92	11.38	93.77	4.9	33.53	7.8	25.6	0.09
F31	12 Nov 2025	93	11.35	93.8	4.9	33.54	7.8	25.6	0.09
F31	12 Nov 2025	94	11.36	93.74	4.8	33.53	7.8	25.6	0.09
F31	12 Nov 2025	95	11.34	93.95	4.8	33.54	7.8	25.6	0.09
F31	12 Nov 2025	96	11.31	94.02	4.8	33.54	7.8	25.6	0.08
F31	12 Nov 2025	97	11.25	94.09	4.8	33.56	7.8	25.6	0.08
F31	12 Nov 2025	98	11.13	93.67	4.7	33.60	7.8	25.7	0.08
F31	12 Nov 2025	99	10.89	93.43	4.6	33.69	7.8	25.8	0.07
F31	12 Nov 2025	100	10.87	94.32	4.5	33.69	7.7	25.8	0.07
F20	14 Nov 2025	1	19.37	95.95	7.8	33.44	8.1	23.7	0.33
F20	14 Nov 2025	2	19.37	95.94	7.8	33.44	8.1	23.7	0.32
F20	14 Nov 2025	3	19.36	95.98	7.8	33.44	8.1	23.7	0.33
F20	14 Nov 2025	4	19.37	95.96	7.8	33.44	8.1	23.7	0.35
F20	14 Nov 2025	5	19.37	96.01	7.8	33.44	8.1	23.7	0.35
F20	14 Nov 2025	6	19.37	95.91	7.8	33.44	8.1	23.7	0.36
F20	14 Nov 2025	7	19.36	95.99	7.8	33.44	8.1	23.7	0.35
F20	14 Nov 2025	8	19.34	96.01	7.8	33.44	8.1	23.7	0.35
F20	14 Nov 2025	9	18.95	96	7.8	33.42	8.1	23.8	0.34
F20	14 Nov 2025	10	18.59	96.23	8.0	33.38	8.1	23.9	0.31
F20	14 Nov 2025	11	18.42	96.35	8.0	33.37	8.1	23.9	0.33
F20	14 Nov 2025	12	18.29	96.32	8.0	33.35	8.1	23.9	0.34
F20	14 Nov 2025	13	17.89	96.41	8.1	33.34	8.1	24.0	0.36
F20	14 Nov 2025	14	17.46	96.29	8.2	33.31	8.1	24.1	0.39
F20	14 Nov 2025	15	17.25	96.15	8.3	33.29	8.1	24.1	0.44
F20	14 Nov 2025	16	17.20	96.14	8.3	33.29	8.1	24.2	0.48
F20	14 Nov 2025	17	17.17	96.12	8.3	33.29	8.1	24.2	0.48
F20	14 Nov 2025	18	16.92	96.09	8.3	33.30	8.1	24.2	0.50
F20	14 Nov 2025	19	16.53	95.9	8.3	33.30	8.1	24.3	0.66
F20	14 Nov 2025	20	16.32	95.63	8.2	33.30	8.1	24.4	0.77
F20	14 Nov 2025	21	16.06	95.43	8.1	33.29	8.1	24.4	0.83
F20	14 Nov 2025	22	15.78	95.36	8.0	33.29	8.1	24.5	0.89
F20	14 Nov 2025	23	15.39	95.28	7.8	33.30	8.0	24.6	0.95
F20	14 Nov 2025	24	14.94	95.09	7.8	33.28	8.0	24.7	1.03
F20	14 Nov 2025	25	14.60	95.16	7.8	33.25	8.0	24.7	1.05
F20	14 Nov 2025	26	14.35	95.53	7.9	33.22	8.0	24.7	1.06
F20	14 Nov 2025	27	14.25	95.62	7.9	33.22	8.0	24.8	1.03
F20	14 Nov 2025	28	14.04	95.67	7.9	33.22	8.0	24.8	1.03
F20	14 Nov 2025	29	13.84	95.66	7.8	33.22	8.0	24.8	1.03
F20	14 Nov 2025	30	13.77	95.97	7.7	33.22	8.0	24.9	0.98
F20	14 Nov 2025	31	13.72	96.09	7.7	33.23	8.0	24.9	0.99
F20	14 Nov 2025	32	13.70	96.11	7.6	33.23	8.0	24.9	0.99
F20	14 Nov 2025	33	13.62	96.11	7.6	33.24	8.0	24.9	0.98
F20	14 Nov 2025	34	13.54	96.11	7.5	33.25	8.0	24.9	0.94
F20	14 Nov 2025	35	13.46	96.27	7.3	33.25	8.0	24.9	0.87
F20	14 Nov 2025	36	13.32	96.28	7.3	33.25	8.0	25.0	0.82
F20	14 Nov 2025	37	13.27	96.55	7.3	33.26	8.0	25.0	0.80
F20	14 Nov 2025	38	13.19	96.62	7.2	33.25	8.0	25.0	0.78
F20	14 Nov 2025	39	13.16	96.75	7.2	33.26	8.0	25.0	0.71
F20	14 Nov 2025	40	13.09	96.69	7.1	33.27	8.0	25.0	0.71
F20	14 Nov 2025	41	12.99	96.69	7.0	33.28	8.0	25.1	0.70
F20	14 Nov 2025	42	13.06	96.68	6.8	33.32	7.9	25.1	0.69
F20	14 Nov 2025	43	13.11	96.59	6.6	33.34	7.9	25.1	0.74
F20	14 Nov 2025	44	13.11	95.96	6.5	33.35	7.9	25.1	0.73
F20	14 Nov 2025	45	13.11	95.7	6.4	33.35	7.9	25.1	0.72
F20	14 Nov 2025	46	13.09	95.69	6.4	33.36	7.9	25.1	0.72

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F20	14 Nov 2025	47	13.04	95.7	6.4	33.36	7.9	25.1	0.70
F20	14 Nov 2025	48	13.04	95.83	6.4	33.36	7.9	25.1	0.68
F20	14 Nov 2025	49	13.04	95.83	6.3	33.36	7.9	25.1	0.67
F20	14 Nov 2025	50	13.00	95.87	6.4	33.36	7.9	25.1	0.65
F20	14 Nov 2025	51	12.99	95.92	6.3	33.36	7.9	25.1	0.64
F20	14 Nov 2025	52	12.96	96.01	6.3	33.36	7.9	25.1	0.64
F20	14 Nov 2025	53	12.94	96.01	6.3	33.37	7.9	25.1	0.61
F20	14 Nov 2025	54	12.93	96.04	6.3	33.37	7.9	25.1	0.63
F20	14 Nov 2025	55	12.93	95.97	6.2	33.37	7.9	25.1	0.59
F20	14 Nov 2025	56	12.92	95.89	6.2	33.37	7.9	25.1	0.56
F20	14 Nov 2025	57	12.90	95.95	6.1	33.38	7.9	25.2	0.53
F20	14 Nov 2025	58	12.84	95.39	6.0	33.39	7.9	25.2	0.47
F20	14 Nov 2025	59	12.81	94.8	5.9	33.39	7.9	25.2	0.41
F20	14 Nov 2025	60	12.78	94.53	5.9	33.39	7.9	25.2	0.40
F20	14 Nov 2025	61	12.75	94.45	5.9	33.40	7.9	25.2	0.39
F20	14 Nov 2025	62	12.74	94.42	5.8	33.40	7.9	25.2	0.38
F20	14 Nov 2025	63	12.72	94.28	5.8	33.40	7.9	25.2	0.38
F20	14 Nov 2025	64	12.72	94.24	5.8	33.40	7.8	25.2	0.37
F20	14 Nov 2025	65	12.70	94.2	5.8	33.40	7.8	25.2	0.38
F20	14 Nov 2025	66	12.68	94.24	5.8	33.41	7.8	25.2	0.37
F20	14 Nov 2025	67	12.66	94.39	5.8	33.41	7.8	25.2	0.37
F20	14 Nov 2025	68	12.64	94.22	5.8	33.41	7.8	25.2	0.34
F20	14 Nov 2025	69	12.59	93.92	5.7	33.42	7.8	25.2	0.33
F20	14 Nov 2025	70	12.57	93.68	5.7	33.42	7.8	25.2	0.32
F20	14 Nov 2025	71	12.56	93.47	5.7	33.42	7.8	25.3	0.32
F20	14 Nov 2025	72	12.53	93.16	5.6	33.42	7.8	25.3	0.30
F20	14 Nov 2025	73	12.50	92.67	5.6	33.42	7.8	25.3	0.28
F20	14 Nov 2025	74	12.47	92.24	5.5	33.42	7.8	25.3	0.28
F20	14 Nov 2025	75	12.44	91.53	5.5	33.43	7.8	25.3	0.27
F20	14 Nov 2025	76	12.36	91.32	5.5	33.44	7.8	25.3	0.27
F20	14 Nov 2025	77	12.31	91.31	5.4	33.44	7.8	25.3	0.25
F20	14 Nov 2025	78	12.26	90.82	5.3	33.44	7.8	25.3	0.24
F20	14 Nov 2025	79	12.11	90.19	5.2	33.47	7.8	25.4	0.22
F20	14 Nov 2025	80	12.01	88.45	5.1	33.48	7.8	25.4	0.19
F20	14 Nov 2025	81	11.97	86.26	5.1	33.48	7.8	25.4	0.17
F20	14 Nov 2025	82	11.96	85.47	5.1	33.48	7.8	25.4	0.16
F09	13 Nov 2025	1	18.68	94.52	8.0	33.42	8.1	23.9	0.48
F09	13 Nov 2025	2	18.69	94.47	8.0	33.42	8.1	23.9	0.48
F09	13 Nov 2025	3	18.47	94.36	7.9	33.42	8.1	23.9	0.52
F09	13 Nov 2025	4	17.73	94.21	8.0	33.40	8.1	24.1	1.14
F09	13 Nov 2025	5	17.50	92.43	8.0	33.38	8.1	24.2	1.60
F09	13 Nov 2025	6	17.37	90.17	8.0	33.38	8.1	24.2	1.73
F09	13 Nov 2025	7	17.29	89.68	8.0	33.37	8.1	24.2	1.84
F09	13 Nov 2025	8	17.19	89.17	8.0	33.37	8.1	24.2	1.86
F09	13 Nov 2025	9	17.13	89.16	8.0	33.37	8.1	24.2	2.04
F09	13 Nov 2025	10	17.05	88.71	8.0	33.37	8.1	24.2	2.08
F09	13 Nov 2025	11	16.88	89.2	7.8	33.37	8.1	24.3	1.97
F09	13 Nov 2025	12	16.23	90.5	7.8	33.35	8.1	24.4	1.75
F09	13 Nov 2025	13	15.82	92.56	7.7	33.34	8.1	24.5	1.45
F09	13 Nov 2025	14	15.50	93.23	7.7	33.32	8.1	24.6	1.44
F09	13 Nov 2025	15	15.27	93.38	7.6	33.31	8.1	24.6	1.42
F09	13 Nov 2025	16	15.02	93.32	7.6	33.31	8.1	24.7	1.39
F09	13 Nov 2025	17	14.85	93.84	7.6	33.30	8.1	24.7	1.36
F09	13 Nov 2025	18	14.65	94.21	7.5	33.30	8.0	24.7	1.32
F09	13 Nov 2025	19	14.51	94.1	7.5	33.30	8.0	24.8	1.23
F09	13 Nov 2025	20	14.45	93.59	7.4	33.30	8.0	24.8	1.23
F09	13 Nov 2025	21	14.43	93.15	7.3	33.30	8.0	24.8	1.26
F09	13 Nov 2025	22	14.40	92.14	7.3	33.31	8.0	24.8	1.29
F09	13 Nov 2025	23	14.38	91.44	7.2	33.31	8.0	24.8	1.28
F09	13 Nov 2025	24	14.36	91.42	7.2	33.31	8.0	24.8	1.26

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F09	13 Nov 2025	25	14.34	91.53	7.2	33.31	8.0	24.8	1.24
F09	13 Nov 2025	26	14.33	91.48	7.2	33.31	8.0	24.8	1.20
F09	13 Nov 2025	27	14.30	91.29	7.1	33.31	8.0	24.8	1.19
F09	13 Nov 2025	28	14.23	90.63	7.0	33.31	8.0	24.8	1.17
F09	13 Nov 2025	29	14.19	89.85	7.0	33.31	8.0	24.8	1.18
F09	13 Nov 2025	30	14.15	89.74	6.9	33.32	8.0	24.9	1.14
F09	13 Nov 2025	31	14.10	89.72	6.9	33.32	8.0	24.9	1.09
F09	13 Nov 2025	32	14.06	90.56	6.9	33.32	8.0	24.9	1.02
F09	13 Nov 2025	33	13.99	89.87	6.8	33.32	8.0	24.9	0.99
F09	13 Nov 2025	34	13.97	88.98	6.8	33.32	8.0	24.9	0.96
F09	13 Nov 2025	35	13.95	89.16	6.8	33.31	8.0	24.9	0.96
F09	13 Nov 2025	36	13.92	89.51	6.8	33.31	8.0	24.9	0.92
F09	13 Nov 2025	37	13.84	91.43	6.9	33.31	8.0	24.9	0.85
F09	13 Nov 2025	38	13.81	92.67	6.9	33.31	8.0	24.9	0.82
F09	13 Nov 2025	39	13.80	92.61	6.9	33.31	8.0	24.9	0.80
F09	13 Nov 2025	40	13.78	92.72	6.9	33.31	8.0	24.9	0.80
F09	13 Nov 2025	41	13.74	92.57	6.8	33.32	8.0	24.9	0.80
F09	13 Nov 2025	42	13.68	92.53	6.8	33.32	8.0	25.0	0.78
F09	13 Nov 2025	43	13.60	92.45	6.7	33.33	8.0	25.0	0.76
F09	13 Nov 2025	44	13.57	92.56	6.7	33.33	8.0	25.0	0.74
F09	13 Nov 2025	45	13.55	92.8	6.7	33.33	8.0	25.0	0.73
F09	13 Nov 2025	46	13.55	92.75	6.7	33.33	8.0	25.0	0.74
F09	13 Nov 2025	47	13.55	92.82	6.6	33.33	8.0	25.0	0.73
F09	13 Nov 2025	48	13.54	92.84	6.6	33.33	8.0	25.0	0.72
F09	13 Nov 2025	49	13.52	93	6.6	33.33	8.0	25.0	0.71
F09	13 Nov 2025	50	13.51	93.02	6.6	33.33	8.0	25.0	0.71
F09	13 Nov 2025	51	13.50	93.04	6.6	33.33	8.0	25.0	0.71
F09	13 Nov 2025	52	13.50	93.05	6.6	33.33	8.0	25.0	0.70
F09	13 Nov 2025	53	13.48	93.08	6.6	33.33	8.0	25.0	0.68
F09	13 Nov 2025	54	13.47	93.11	6.6	33.33	7.9	25.0	0.68
F09	13 Nov 2025	55	13.44	93.23	6.6	33.33	7.9	25.0	0.68
F09	13 Nov 2025	56	13.38	93.26	6.5	33.34	7.9	25.0	0.65
F09	13 Nov 2025	57	13.35	93.55	6.5	33.34	7.9	25.0	0.64
F09	13 Nov 2025	58	13.27	93.71	6.4	33.34	7.9	25.1	0.63
F09	13 Nov 2025	59	13.07	93.34	6.2	33.36	7.9	25.1	0.59
F09	13 Nov 2025	60	12.89	89.87	6.0	33.38	7.9	25.2	0.51
F09	13 Nov 2025	61	12.71	87.69	5.8	33.40	7.9	25.2	0.42
F09	13 Nov 2025	62	12.51	85.92	5.5	33.42	7.9	25.3	0.34
F09	13 Nov 2025	63	12.49	84.27	5.4	33.42	7.8	25.3	0.31
F32	12 Nov 2025	1	19.28	95.72	7.9	33.45	8.2	23.8	0.25
F32	12 Nov 2025	2	19.28	95.71	7.9	33.45	8.2	23.8	0.25
F32	12 Nov 2025	3	19.25	95.76	7.9	33.44	8.2	23.8	0.26
F32	12 Nov 2025	4	19.24	95.63	7.9	33.44	8.2	23.8	0.26
F32	12 Nov 2025	5	19.19	95.65	7.9	33.44	8.2	23.8	0.28
F32	12 Nov 2025	6	19.17	95.71	7.8	33.43	8.2	23.8	0.28
F32	12 Nov 2025	7	18.76	95.78	7.9	33.41	8.2	23.9	0.28
F32	12 Nov 2025	8	18.46	95.75	8.0	33.38	8.2	23.9	0.25
F32	12 Nov 2025	9	18.14	95.89	8.0	33.36	8.2	24.0	0.27
F32	12 Nov 2025	10	17.61	95.93	8.1	33.33	8.1	24.1	0.29
F32	12 Nov 2025	11	17.00	95.9	8.3	33.28	8.1	24.2	0.33
F32	12 Nov 2025	12	16.83	95.78	8.3	33.26	8.1	24.2	0.37
F32	12 Nov 2025	13	16.59	95.62	8.4	33.25	8.1	24.3	0.41
F32	12 Nov 2025	14	16.46	95.67	8.3	33.24	8.1	24.3	0.45
F32	12 Nov 2025	15	15.71	95.51	8.4	33.22	8.1	24.4	0.54
F32	12 Nov 2025	16	15.30	95.26	8.5	33.20	8.1	24.5	0.74
F32	12 Nov 2025	17	15.24	95.03	8.5	33.19	8.1	24.5	0.96
F32	12 Nov 2025	18	15.10	94.73	8.4	33.19	8.1	24.6	1.09
F32	12 Nov 2025	19	14.89	94.53	8.4	33.19	8.1	24.6	1.16
F32	12 Nov 2025	20	14.81	94.69	8.4	33.19	8.1	24.6	1.18
F32	12 Nov 2025	21	14.73	94.79	8.4	33.20	8.1	24.6	1.19

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F32	12 Nov 2025	22	14.69	94.9	8.5	33.21	8.1	24.7	1.19
F32	12 Nov 2025	23	14.67	95.07	8.4	33.21	8.1	24.7	1.25
F32	12 Nov 2025	24	14.67	95.08	8.4	33.21	8.1	24.7	1.26
F32	12 Nov 2025	25	14.60	95.17	8.4	33.22	8.1	24.7	1.27
F32	12 Nov 2025	26	14.47	95.23	8.3	33.22	8.1	24.7	1.34
F32	12 Nov 2025	27	14.39	95.23	8.2	33.22	8.1	24.7	1.34
F32	12 Nov 2025	28	14.34	95.36	8.2	33.22	8.1	24.7	1.34
F32	12 Nov 2025	29	14.32	95.44	8.1	33.23	8.1	24.8	1.35
F32	12 Nov 2025	30	14.25	95.41	8.1	33.23	8.1	24.8	1.36
F32	12 Nov 2025	31	14.03	95.54	8.0	33.24	8.1	24.8	1.31
F32	12 Nov 2025	32	13.95	95.59	7.9	33.24	8.1	24.8	1.22
F32	12 Nov 2025	33	13.93	95.75	7.8	33.24	8.0	24.8	1.21
F32	12 Nov 2025	34	13.93	95.91	7.8	33.24	8.0	24.8	1.19
F32	12 Nov 2025	35	13.90	95.99	7.8	33.24	8.0	24.8	1.17
F32	12 Nov 2025	36	13.76	96.02	7.7	33.23	8.0	24.9	1.14
F32	12 Nov 2025	37	13.74	96.2	7.7	33.23	8.0	24.9	1.08
F32	12 Nov 2025	38	13.61	96.39	7.5	33.23	8.0	24.9	1.05
F32	12 Nov 2025	39	13.57	96.46	7.5	33.24	8.0	24.9	0.94
F32	12 Nov 2025	40	13.51	96.54	7.4	33.24	8.0	24.9	0.90
F32	12 Nov 2025	41	13.36	96.7	7.4	33.25	8.0	25.0	0.83
F32	12 Nov 2025	42	13.27	96.83	7.3	33.24	8.0	25.0	0.76
F32	12 Nov 2025	43	13.26	96.85	7.3	33.24	8.0	25.0	0.74
F32	12 Nov 2025	44	13.18	96.88	7.3	33.24	8.0	25.0	0.73
F32	12 Nov 2025	45	13.17	96.93	7.3	33.24	8.0	25.0	0.70
F32	12 Nov 2025	46	12.99	96.98	7.2	33.26	8.0	25.0	0.67
F32	12 Nov 2025	47	12.86	97.05	7.1	33.27	8.0	25.1	0.63
F32	12 Nov 2025	48	12.80	97.18	7.1	33.28	8.0	25.1	0.56
F32	12 Nov 2025	49	12.78	97.24	7.0	33.28	8.0	25.1	0.53
F32	12 Nov 2025	50	12.74	97.29	7.0	33.29	8.0	25.1	0.52
F32	12 Nov 2025	51	12.68	97.34	6.9	33.31	8.0	25.1	0.51
F32	12 Nov 2025	52	12.64	97.36	6.8	33.32	7.9	25.2	0.46
F32	12 Nov 2025	53	12.62	97.36	6.7	33.33	7.9	25.2	0.46
F32	12 Nov 2025	54	12.61	97.33	6.7	33.33	7.9	25.2	0.46
F32	12 Nov 2025	55	12.61	97.31	6.6	33.34	7.9	25.2	0.44
F32	12 Nov 2025	56	12.61	97.3	6.6	33.34	7.9	25.2	0.44
F32	12 Nov 2025	57	12.55	97.3	6.5	33.36	7.9	25.2	0.45
F32	12 Nov 2025	58	12.51	97.33	6.4	33.37	7.9	25.2	0.41
F32	12 Nov 2025	59	12.45	97.31	6.3	33.38	7.9	25.2	0.38
F32	12 Nov 2025	60	12.41	97.29	6.2	33.40	7.9	25.3	0.36
F32	12 Nov 2025	61	12.41	97.18	6.2	33.40	7.9	25.3	0.36
F32	12 Nov 2025	62	12.40	96.97	6.1	33.41	7.9	25.3	0.35
F32	12 Nov 2025	63	12.38	96.93	6.0	33.41	7.9	25.3	0.35
F32	12 Nov 2025	64	12.36	96.86	6.0	33.42	7.9	25.3	0.36
F32	12 Nov 2025	65	12.35	96.79	5.9	33.42	7.9	25.3	0.35
F32	12 Nov 2025	66	12.27	96.75	5.9	33.43	7.9	25.3	0.31
F32	12 Nov 2025	67	12.17	96.68	5.8	33.44	7.9	25.3	0.26
F32	12 Nov 2025	68	12.10	96.61	5.7	33.45	7.8	25.4	0.20
F32	12 Nov 2025	69	12.09	96.63	5.7	33.45	7.8	25.4	0.18
F32	12 Nov 2025	70	12.03	96.7	5.6	33.46	7.8	25.4	0.17
F32	12 Nov 2025	71	12.02	96.46	5.6	33.46	7.8	25.4	0.16
F32	12 Nov 2025	72	12.00	96.46	5.6	33.46	7.8	25.4	0.15
F32	12 Nov 2025	73	11.97	96.5	5.5	33.46	7.8	25.4	0.14
F32	12 Nov 2025	74	11.95	96.57	5.5	33.45	7.8	25.4	0.13
F32	12 Nov 2025	75	11.94	96.61	5.5	33.45	7.8	25.4	0.12
F32	12 Nov 2025	76	11.93	96.64	5.5	33.45	7.8	25.4	0.12
F32	12 Nov 2025	77	11.87	96.64	5.4	33.46	7.8	25.4	0.11
F32	12 Nov 2025	78	11.80	96.54	5.3	33.46	7.8	25.4	0.10
F32	12 Nov 2025	79	11.77	96.29	5.3	33.46	7.8	25.4	0.10
F32	12 Nov 2025	80	11.74	96.08	5.3	33.46	7.8	25.4	0.11
F32	12 Nov 2025	81	11.71	96.04	5.3	33.46	7.8	25.4	0.11
F32	12 Nov 2025	82	11.68	95.95	5.3	33.46	7.8	25.5	0.11

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F32	12 Nov 2025	83	11.65	95.84	5.2	33.47	7.8	25.5	0.10
F32	12 Nov 2025	84	11.59	95.83	5.3	33.49	7.8	25.5	0.10
F32	12 Nov 2025	85	11.56	96.44	5.3	33.50	7.8	25.5	0.10
F32	12 Nov 2025	86	11.51	96.59	5.2	33.50	7.8	25.5	0.10
F32	12 Nov 2025	87	11.49	96.17	5.2	33.50	7.8	25.5	0.09
F32	12 Nov 2025	88	11.47	95.91	5.1	33.51	7.8	25.5	0.09
F32	12 Nov 2025	89	11.46	95.52	5.0	33.51	7.8	25.5	0.09
F32	12 Nov 2025	90	11.45	95.35	5.0	33.51	7.8	25.5	0.09
F32	12 Nov 2025	91	11.40	94.95	5.0	33.53	7.8	25.6	0.09
F32	12 Nov 2025	92	11.37	93.49	4.9	33.54	7.8	25.6	0.09
F32	12 Nov 2025	93	11.33	93.67	4.9	33.55	7.8	25.6	0.08
F32	12 Nov 2025	94	11.27	94.7	4.9	33.57	7.8	25.6	0.08
F32	12 Nov 2025	95	11.22	95.04	4.8	33.58	7.8	25.6	0.08
F32	12 Nov 2025	96	11.17	95.16	4.8	33.59	7.8	25.6	0.08
F32	12 Nov 2025	97	11.15	95.63	4.8	33.60	7.8	25.7	0.07
F32	12 Nov 2025	98	11.16	95.73	4.8	33.59	7.8	25.7	0.07
F32	12 Nov 2025	99	11.05	95.77	4.7	33.63	7.8	25.7	0.07
F32	12 Nov 2025	100	10.99	95.23	4.7	33.65	7.8	25.7	0.07
F32	12 Nov 2025	101	10.99	94.77	4.7	33.66	7.8	25.7	0.07
F21	14 Nov 2025	1	19.50	95.71	7.7	33.45	8.1	23.7	0.37
F21	14 Nov 2025	2	19.50	95.85	7.7	33.45	8.1	23.7	0.36
F21	14 Nov 2025	3	19.50	95.88	7.7	33.45	8.1	23.7	0.38
F21	14 Nov 2025	4	19.50	95.88	7.7	33.45	8.1	23.7	0.37
F21	14 Nov 2025	5	19.49	95.82	7.7	33.45	8.1	23.7	0.37
F21	14 Nov 2025	6	19.40	95.9	7.7	33.45	8.1	23.7	0.36
F21	14 Nov 2025	7	19.32	96.08	7.7	33.45	8.1	23.8	0.33
F21	14 Nov 2025	8	19.06	96.18	7.8	33.43	8.1	23.8	0.29
F21	14 Nov 2025	9	18.94	96.33	7.8	33.41	8.1	23.8	0.29
F21	14 Nov 2025	10	18.77	96.28	7.8	33.39	8.1	23.9	0.31
F21	14 Nov 2025	11	18.57	96.34	7.9	33.38	8.1	23.9	0.32
F21	14 Nov 2025	12	18.23	96.41	7.9	33.36	8.1	24.0	0.32
F21	14 Nov 2025	13	17.86	96.39	8.0	33.34	8.1	24.0	0.35
F21	14 Nov 2025	14	17.16	96.25	8.2	33.30	8.1	24.2	0.44
F21	14 Nov 2025	15	16.71	96.09	8.3	33.27	8.1	24.3	0.51
F21	14 Nov 2025	16	16.55	96.09	8.4	33.26	8.1	24.3	0.55
F21	14 Nov 2025	17	16.48	96.06	8.4	33.25	8.1	24.3	0.55
F21	14 Nov 2025	18	16.45	96.09	8.4	33.24	8.1	24.3	0.55
F21	14 Nov 2025	19	16.26	96.05	8.4	33.25	8.1	24.3	0.53
F21	14 Nov 2025	20	15.72	95.99	8.4	33.23	8.1	24.5	0.63
F21	14 Nov 2025	21	15.49	95.78	8.3	33.22	8.1	24.5	0.80
F21	14 Nov 2025	22	15.10	95.56	8.3	33.21	8.1	24.6	0.93
F21	14 Nov 2025	23	14.88	95.41	8.3	33.19	8.1	24.6	1.11
F21	14 Nov 2025	24	14.78	95.37	8.2	33.19	8.1	24.6	1.17
F21	14 Nov 2025	25	14.60	95.42	8.1	33.20	8.0	24.7	1.13
F21	14 Nov 2025	26	14.51	95.29	8.0	33.21	8.0	24.7	1.14
F21	14 Nov 2025	27	14.42	95.38	7.9	33.23	8.0	24.7	1.13
F21	14 Nov 2025	28	14.39	95.36	7.7	33.26	8.0	24.8	1.10
F21	14 Nov 2025	29	14.18	95.12	7.6	33.27	8.0	24.8	1.07
F21	14 Nov 2025	30	14.12	95.06	7.5	33.27	8.0	24.8	1.07
F21	14 Nov 2025	31	13.96	95.25	7.5	33.26	8.0	24.8	1.07
F21	14 Nov 2025	32	13.83	95.39	7.6	33.24	8.0	24.9	1.01
F21	14 Nov 2025	33	13.79	95.71	7.6	33.24	8.0	24.9	1.11
F21	14 Nov 2025	34	13.69	95.82	7.6	33.24	8.0	24.9	1.10
F21	14 Nov 2025	35	13.63	96.07	7.5	33.24	8.0	24.9	0.97
F21	14 Nov 2025	36	13.55	96.05	7.5	33.24	8.0	24.9	0.93
F21	14 Nov 2025	37	13.48	96.34	7.4	33.24	8.0	24.9	0.89
F21	14 Nov 2025	38	13.41	96.52	7.4	33.25	8.0	25.0	0.86
F21	14 Nov 2025	39	13.28	96.47	7.3	33.25	8.0	25.0	0.80
F21	14 Nov 2025	40	13.16	96.6	7.3	33.26	8.0	25.0	0.70
F21	14 Nov 2025	41	13.10	96.87	7.2	33.26	8.0	25.0	0.65

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F21	14 Nov 2025	42	13.03	97.02	7.2	33.27	8.0	25.0	0.62
F21	14 Nov 2025	43	12.98	97.11	7.1	33.28	8.0	25.1	0.59
F21	14 Nov 2025	44	12.89	97.13	7.0	33.29	7.9	25.1	0.57
F21	14 Nov 2025	45	12.79	97.18	7.0	33.30	7.9	25.1	0.55
F21	14 Nov 2025	46	12.75	97.23	6.9	33.30	7.9	25.1	0.53
F21	14 Nov 2025	47	12.75	97.24	6.9	33.31	7.9	25.1	0.53
F21	14 Nov 2025	48	12.74	97.17	6.8	33.31	7.9	25.1	0.55
F21	14 Nov 2025	49	12.72	97.12	6.8	33.31	7.9	25.1	0.54
F21	14 Nov 2025	50	12.69	97.07	6.8	33.33	7.9	25.2	0.52
F21	14 Nov 2025	51	12.68	97.15	6.7	33.34	7.9	25.2	0.52
F21	14 Nov 2025	52	12.67	97.14	6.6	33.34	7.9	25.2	0.51
F21	14 Nov 2025	53	12.67	97.14	6.6	33.34	7.9	25.2	0.52
F21	14 Nov 2025	54	12.67	97.16	6.6	33.34	7.9	25.2	0.51
F21	14 Nov 2025	55	12.67	97.15	6.6	33.35	7.9	25.2	0.51
F21	14 Nov 2025	56	12.66	97.15	6.5	33.35	7.9	25.2	0.51
F21	14 Nov 2025	57	12.66	97.11	6.5	33.35	7.9	25.2	0.50
F21	14 Nov 2025	58	12.66	97.13	6.5	33.35	7.9	25.2	0.50
F21	14 Nov 2025	59	12.66	97.11	6.5	33.35	7.9	25.2	0.51
F21	14 Nov 2025	60	12.65	97.11	6.5	33.36	7.9	25.2	0.50
F21	14 Nov 2025	61	12.65	97.11	6.5	33.36	7.9	25.2	0.50
F21	14 Nov 2025	62	12.65	97.11	6.4	33.36	7.9	25.2	0.50
F21	14 Nov 2025	63	12.64	97.11	6.4	33.36	7.9	25.2	0.50
F21	14 Nov 2025	64	12.65	97.08	6.4	33.36	7.9	25.2	0.53
F21	14 Nov 2025	65	12.63	97.08	6.4	33.36	7.9	25.2	0.51
F21	14 Nov 2025	66	12.62	96.54	6.4	33.37	7.9	25.2	0.49
F21	14 Nov 2025	67	12.62	96.91	6.4	33.37	7.9	25.2	0.49
F21	14 Nov 2025	68	12.61	97.06	6.4	33.37	7.9	25.2	0.48
F21	14 Nov 2025	69	12.60	97.03	6.3	33.38	7.9	25.2	0.49
F21	14 Nov 2025	70	12.60	97.07	6.3	33.38	7.9	25.2	0.48
F21	14 Nov 2025	71	12.59	96.95	6.2	33.38	7.9	25.2	0.48
F21	14 Nov 2025	72	12.59	96.91	6.2	33.39	7.9	25.2	0.47
F21	14 Nov 2025	73	12.59	96.8	6.1	33.40	7.9	25.2	0.47
F21	14 Nov 2025	74	12.58	96.7	6.1	33.40	7.9	25.2	0.46
F21	14 Nov 2025	75	12.56	96.57	6.0	33.41	7.9	25.2	0.45
F21	14 Nov 2025	76	12.45	96.43	5.9	33.42	7.8	25.3	0.42
F21	14 Nov 2025	77	12.41	96.13	5.8	33.43	7.8	25.3	0.36
F21	14 Nov 2025	78	12.41	95.82	5.8	33.43	7.8	25.3	0.34
F21	14 Nov 2025	79	12.40	95.57	5.7	33.43	7.8	25.3	0.35
F21	14 Nov 2025	80	12.24	94.92	5.4	33.46	7.8	25.3	0.31
F21	14 Nov 2025	81	12.11	91.94	5.2	33.47	7.8	25.4	0.20
F21	14 Nov 2025	82	12.08	87.57	5.2	33.47	7.8	25.4	0.18
F21	14 Nov 2025	83	12.08	86.13	5.1	33.47	7.8	25.4	0.17
F10	13 Nov 2025	1	18.59	94.6	8.0	33.42	8.1	23.9	0.43
F10	13 Nov 2025	2	18.58	94.43	7.9	33.42	8.1	23.9	0.49
F10	13 Nov 2025	3	18.54	94.32	7.9	33.42	8.1	23.9	0.56
F10	13 Nov 2025	4	18.45	94.27	8.0	33.41	8.1	23.9	0.66
F10	13 Nov 2025	5	18.43	94.08	8.0	33.41	8.1	23.9	0.73
F10	13 Nov 2025	6	18.38	94.01	8.0	33.41	8.1	24.0	0.79
F10	13 Nov 2025	7	18.29	93.79	8.0	33.41	8.1	24.0	0.94
F10	13 Nov 2025	8	18.17	93.49	8.0	33.40	8.1	24.0	1.03
F10	13 Nov 2025	9	18.01	92.84	7.9	33.40	8.1	24.0	1.22
F10	13 Nov 2025	10	17.77	92.16	7.9	33.40	8.1	24.1	1.39
F10	13 Nov 2025	11	17.57	91.35	7.9	33.38	8.1	24.1	1.56
F10	13 Nov 2025	12	17.40	91.29	7.8	33.38	8.1	24.2	1.61
F10	13 Nov 2025	13	16.86	91.91	7.8	33.38	8.1	24.3	1.50
F10	13 Nov 2025	14	16.18	92.72	7.7	33.36	8.1	24.4	1.37
F10	13 Nov 2025	15	15.93	93.15	7.7	33.34	8.1	24.5	1.37
F10	13 Nov 2025	16	15.80	93.22	7.7	33.33	8.1	24.5	1.40
F10	13 Nov 2025	17	15.66	93.19	7.6	33.33	8.1	24.5	1.41
F10	13 Nov 2025	18	15.58	93.28	7.6	33.33	8.1	24.6	1.42

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F10	13 Nov 2025	19	15.28	93.48	7.6	33.33	8.1	24.6	1.36
F10	13 Nov 2025	20	15.02	93.66	7.6	33.32	8.1	24.7	1.35
F10	13 Nov 2025	21	14.86	94.16	7.6	33.31	8.1	24.7	1.34
F10	13 Nov 2025	22	14.85	94.22	7.6	33.31	8.1	24.7	1.23
F10	13 Nov 2025	23	14.85	94.19	7.6	33.31	8.1	24.7	1.22
F10	13 Nov 2025	24	14.83	94.2	7.5	33.31	8.1	24.7	1.25
F10	13 Nov 2025	25	14.72	94.38	7.5	33.31	8.0	24.7	1.21
F10	13 Nov 2025	26	14.52	94.55	7.4	33.31	8.0	24.8	1.15
F10	13 Nov 2025	27	14.36	94.77	7.4	33.30	8.0	24.8	1.12
F10	13 Nov 2025	28	14.26	94.95	7.4	33.30	8.0	24.8	1.08
F10	13 Nov 2025	29	14.11	95.26	7.3	33.30	8.0	24.9	1.00
F10	13 Nov 2025	30	14.08	95.33	7.3	33.30	8.0	24.9	0.93
F10	13 Nov 2025	31	14.02	95.08	7.3	33.30	8.0	24.9	0.96
F10	13 Nov 2025	32	13.99	94.69	7.2	33.30	8.0	24.9	0.91
F10	13 Nov 2025	33	13.97	94.46	7.2	33.30	8.0	24.9	0.89
F10	13 Nov 2025	34	13.95	94.64	7.2	33.30	8.0	24.9	0.88
F10	13 Nov 2025	35	13.94	94.66	7.2	33.30	8.0	24.9	0.87
F10	13 Nov 2025	36	13.93	94.57	7.2	33.30	8.0	24.9	0.85
F10	13 Nov 2025	37	13.91	94.76	7.1	33.31	8.0	24.9	0.86
F10	13 Nov 2025	38	13.89	94.39	7.1	33.31	8.0	24.9	0.83
F10	13 Nov 2025	39	13.87	94.66	7.1	33.31	8.0	24.9	0.80
F10	13 Nov 2025	40	13.84	94.66	7.0	33.31	8.0	24.9	0.79
F10	13 Nov 2025	41	13.80	94.6	7.0	33.31	8.0	24.9	0.77
F10	13 Nov 2025	42	13.76	94.55	6.9	33.32	8.0	24.9	0.76
F10	13 Nov 2025	43	13.70	94.16	6.8	33.32	8.0	25.0	0.75
F10	13 Nov 2025	44	13.68	93.95	6.8	33.32	8.0	25.0	0.74
F10	13 Nov 2025	45	13.64	93.86	6.8	33.33	8.0	25.0	0.72
F10	13 Nov 2025	46	13.58	93.79	6.7	33.33	8.0	25.0	0.70
F10	13 Nov 2025	47	13.54	93.8	6.7	33.33	8.0	25.0	0.69
F10	13 Nov 2025	48	13.52	93.57	6.7	33.33	8.0	25.0	0.70
F10	13 Nov 2025	49	13.51	93.52	6.6	33.33	8.0	25.0	0.69
F10	13 Nov 2025	50	13.48	93.57	6.6	33.33	8.0	25.0	0.70
F10	13 Nov 2025	51	13.46	93.76	6.6	33.33	8.0	25.0	0.70
F10	13 Nov 2025	52	13.40	93.83	6.6	33.33	7.9	25.0	0.68
F10	13 Nov 2025	53	13.37	93.99	6.5	33.34	7.9	25.0	0.66
F10	13 Nov 2025	54	13.30	94.16	6.5	33.34	7.9	25.0	0.64
F10	13 Nov 2025	55	13.22	94.26	6.4	33.35	7.9	25.1	0.62
F10	13 Nov 2025	56	13.15	94.71	6.4	33.35	7.9	25.1	0.60
F10	13 Nov 2025	57	13.10	94.92	6.3	33.35	7.9	25.1	0.61
F10	13 Nov 2025	58	12.93	94.58	6.1	33.38	7.9	25.1	0.54
F10	13 Nov 2025	59	12.79	94.28	5.9	33.39	7.9	25.2	0.44
F10	13 Nov 2025	60	12.68	91.78	5.7	33.41	7.9	25.2	0.36
F10	13 Nov 2025	61	12.57	87.88	5.6	33.42	7.9	25.3	0.33
F33	12 Nov 2025	1	19.37	71.72	7.5	33.10	8.2	23.5	0.37
F33	12 Nov 2025	2	19.36	92.96	8.0	33.28	8.1	23.6	0.37
F33	12 Nov 2025	3	19.33	95.04	7.8	33.37	8.1	23.7	0.36
F33	12 Nov 2025	4	19.32	95.57	7.6	33.37	8.1	23.7	0.39
F33	12 Nov 2025	5	19.32	95.55	7.4	33.38	8.1	23.7	0.40
F33	12 Nov 2025	6	19.30	95.52	7.9	33.45	8.2	23.8	0.40
F33	12 Nov 2025	7	19.28	95.57	7.9	33.44	8.2	23.8	0.40
F33	12 Nov 2025	8	19.27	95.61	7.9	33.44	8.2	23.8	0.38
F33	12 Nov 2025	9	19.22	95.63	7.8	33.44	8.2	23.8	0.40
F33	12 Nov 2025	10	18.86	95.65	7.9	33.41	8.2	23.8	0.35
F33	12 Nov 2025	11	18.44	95.79	7.9	33.38	8.2	23.9	0.34
F33	12 Nov 2025	12	17.53	95.9	8.1	33.31	8.1	24.1	0.38
F33	12 Nov 2025	13	16.86	95.85	8.3	33.27	8.1	24.2	0.44
F33	12 Nov 2025	14	16.40	95.73	8.4	33.24	8.1	24.3	0.51
F33	12 Nov 2025	15	16.37	95.62	8.4	33.23	8.1	24.3	0.57
F33	12 Nov 2025	16	16.12	95.54	8.4	33.22	8.1	24.4	0.59
F33	12 Nov 2025	17	15.91	95.59	8.5	33.21	8.1	24.4	0.64

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F33	12 Nov 2025	18	15.75	95.5	8.5	33.20	8.1	24.4	0.74
F33	12 Nov 2025	19	15.57	95.39	8.5	33.19	8.1	24.5	0.78
F33	12 Nov 2025	20	15.48	95.38	8.5	33.19	8.1	24.5	0.76
F33	12 Nov 2025	21	15.41	95.43	8.5	33.19	8.1	24.5	0.84
F33	12 Nov 2025	22	15.10	95.23	8.5	33.20	8.1	24.6	1.00
F33	12 Nov 2025	23	15.03	95.08	8.5	33.19	8.1	24.6	1.23
F33	12 Nov 2025	24	14.69	95.14	8.4	33.21	8.1	24.7	1.22
F33	12 Nov 2025	25	14.58	95.22	8.3	33.20	8.1	24.7	1.28
F33	12 Nov 2025	26	14.43	95.24	8.2	33.20	8.1	24.7	1.26
F33	12 Nov 2025	27	14.35	95.34	8.2	33.19	8.1	24.7	1.24
F33	12 Nov 2025	28	14.20	95.44	8.1	33.19	8.1	24.7	1.24
F33	12 Nov 2025	29	14.09	95.56	8.0	33.19	8.1	24.8	1.15
F33	12 Nov 2025	30	13.99	95.7	7.9	33.19	8.1	24.8	1.11
F33	12 Nov 2025	31	13.91	95.88	7.8	33.19	8.0	24.8	1.08
F33	12 Nov 2025	32	13.89	96.08	7.8	33.20	8.0	24.8	1.11
F33	12 Nov 2025	33	13.90	96.12	7.8	33.20	8.0	24.8	1.07
F33	12 Nov 2025	34	13.89	96.17	7.8	33.21	8.0	24.8	1.04
F33	12 Nov 2025	35	13.89	96.22	7.7	33.22	8.0	24.8	1.03
F33	12 Nov 2025	36	13.89	96.22	7.7	33.22	8.0	24.8	1.03
F33	12 Nov 2025	37	13.88	96.23	7.6	33.23	8.0	24.8	0.99
F33	12 Nov 2025	38	13.77	96.33	7.6	33.25	8.0	24.9	0.92
F33	12 Nov 2025	39	13.77	96.51	7.6	33.24	8.0	24.9	0.95
F33	12 Nov 2025	40	13.71	96.58	7.5	33.25	8.0	24.9	0.89
F33	12 Nov 2025	41	13.62	96.63	7.4	33.26	8.0	24.9	0.88
F33	12 Nov 2025	42	13.44	96.59	7.4	33.26	8.0	25.0	0.84
F33	12 Nov 2025	43	13.30	96.75	7.3	33.26	8.0	25.0	0.77
F33	12 Nov 2025	44	13.22	96.85	7.3	33.25	8.0	25.0	0.70
F33	12 Nov 2025	45	13.10	96.98	7.3	33.25	8.0	25.0	0.64
F33	12 Nov 2025	46	13.02	97.05	7.2	33.25	8.0	25.0	0.60
F33	12 Nov 2025	47	12.92	97.08	7.2	33.26	8.0	25.1	0.58
F33	12 Nov 2025	48	12.91	97.18	7.1	33.27	8.0	25.1	0.55
F33	12 Nov 2025	49	12.87	97.21	7.0	33.29	8.0	25.1	0.53
F33	12 Nov 2025	50	12.78	97.28	6.9	33.31	8.0	25.1	0.49
F33	12 Nov 2025	51	12.70	97.33	6.8	33.33	7.9	25.2	0.45
F33	12 Nov 2025	52	12.66	97.35	6.8	33.33	7.9	25.2	0.44
F33	12 Nov 2025	53	12.64	97.33	6.7	33.33	7.9	25.2	0.44
F33	12 Nov 2025	54	12.63	97.35	6.7	33.33	7.9	25.2	0.44
F33	12 Nov 2025	55	12.62	97.4	6.7	33.33	7.9	25.2	0.43
F33	12 Nov 2025	56	12.53	97.4	6.7	33.34	7.9	25.2	0.43
F33	12 Nov 2025	57	12.47	97.43	6.6	33.35	7.9	25.2	0.39
F33	12 Nov 2025	58	12.39	97.42	6.4	33.38	7.9	25.3	0.37
F33	12 Nov 2025	59	12.30	97.39	6.2	33.40	7.9	25.3	0.31
F33	12 Nov 2025	60	12.30	97.37	6.1	33.41	7.9	25.3	0.29
F33	12 Nov 2025	61	12.29	97.36	6.1	33.41	7.9	25.3	0.30
F33	12 Nov 2025	62	12.24	97.35	6.0	33.42	7.9	25.3	0.28
F33	12 Nov 2025	63	12.22	97.34	6.0	33.42	7.9	25.3	0.28
F33	12 Nov 2025	64	12.20	97.33	6.0	33.42	7.9	25.3	0.25
F33	12 Nov 2025	65	12.18	97.41	6.0	33.42	7.9	25.3	0.24
F33	12 Nov 2025	66	12.18	97.45	6.0	33.43	7.9	25.3	0.22
F33	12 Nov 2025	67	12.16	97.44	5.9	33.43	7.9	25.3	0.23
F33	12 Nov 2025	68	12.14	97.43	5.9	33.44	7.9	25.3	0.22
F33	12 Nov 2025	69	12.10	97.39	5.8	33.44	7.9	25.4	0.21
F33	12 Nov 2025	70	12.05	97.22	5.8	33.45	7.8	25.4	0.19
F33	12 Nov 2025	71	12.00	97.05	5.7	33.45	7.8	25.4	0.14
F33	12 Nov 2025	72	11.97	96.99	5.6	33.45	7.8	25.4	0.14
F33	12 Nov 2025	73	11.96	96.96	5.6	33.46	7.8	25.4	0.14
F33	12 Nov 2025	74	11.95	96.87	5.6	33.46	7.8	25.4	0.14
F33	12 Nov 2025	75	11.94	96.89	5.6	33.46	7.8	25.4	0.14
F33	12 Nov 2025	76	11.95	96.9	5.6	33.46	7.8	25.4	0.14
F33	12 Nov 2025	77	11.94	96.94	5.6	33.46	7.8	25.4	0.13
F33	12 Nov 2025	78	11.90	96.97	5.6	33.47	7.8	25.4	0.13

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F33	12 Nov 2025	79	11.85	97.05	5.5	33.48	7.8	25.4	0.12
F33	12 Nov 2025	80	11.81	96.84	5.4	33.48	7.8	25.4	0.11
F33	12 Nov 2025	81	11.82	96.58	5.4	33.48	7.8	25.4	0.11
F33	12 Nov 2025	82	11.80	96.48	5.4	33.48	7.8	25.5	0.11
F33	12 Nov 2025	83	11.80	96.44	5.4	33.48	7.8	25.5	0.10
F33	12 Nov 2025	84	11.77	96.46	5.3	33.49	7.8	25.5	0.10
F33	12 Nov 2025	85	11.77	96.49	5.3	33.49	7.8	25.5	0.11
F33	12 Nov 2025	86	11.67	96.52	5.3	33.49	7.8	25.5	0.10
F33	12 Nov 2025	87	11.42	96.22	5.1	33.50	7.8	25.5	0.09
F33	12 Nov 2025	88	11.48	95.96	5.1	33.50	7.8	25.5	0.09
F33	12 Nov 2025	89	11.41	96.08	5.1	33.51	7.8	25.5	0.09
F33	12 Nov 2025	90	11.40	95.96	5.0	33.51	7.8	25.5	0.08
F33	12 Nov 2025	91	11.38	95.71	5.0	33.52	7.8	25.6	0.09
F33	12 Nov 2025	92	11.37	95.62	5.0	33.53	7.8	25.6	0.08
F33	12 Nov 2025	93	11.35	95.17	5.0	33.53	7.8	25.6	0.08
F33	12 Nov 2025	94	11.35	94.28	5.0	33.54	7.8	25.6	0.08
F33	12 Nov 2025	95	11.35	94.37	5.0	33.54	7.8	25.6	0.09
F33	12 Nov 2025	96	11.33	94.59	4.9	33.54	7.8	25.6	0.08
F33	12 Nov 2025	97	11.31	94.45	4.9	33.55	7.8	25.6	0.09
F33	12 Nov 2025	98	11.29	94.11	4.9	33.56	7.8	25.6	0.08
F33	12 Nov 2025	99	11.27	93.88	4.9	33.57	7.8	25.6	0.09
F33	12 Nov 2025	100	11.20	94.4	4.9	33.59	7.8	25.6	0.08
F33	12 Nov 2025	101	11.12	94.79	4.8	33.62	7.8	25.7	0.07
F33	12 Nov 2025	102	11.06	94.72	4.8	33.64	7.8	25.7	0.07
F22	14 Nov 2025	1	19.54	95.82	7.7	33.45	8.1	23.7	0.34
F22	14 Nov 2025	2	19.54	95.72	7.7	33.45	8.1	23.7	0.34
F22	14 Nov 2025	3	19.54	95.82	7.7	33.45	8.1	23.7	0.35
F22	14 Nov 2025	4	19.49	95.85	7.7	33.45	8.1	23.7	0.36
F22	14 Nov 2025	5	19.39	95.94	7.7	33.45	8.1	23.7	0.32
F22	14 Nov 2025	6	19.34	95.98	7.8	33.44	8.1	23.7	0.32
F22	14 Nov 2025	7	19.27	96.05	7.8	33.44	8.1	23.8	0.30
F22	14 Nov 2025	8	19.17	96.12	7.8	33.43	8.1	23.8	0.30
F22	14 Nov 2025	9	19.09	96.21	7.8	33.42	8.1	23.8	0.31
F22	14 Nov 2025	10	18.84	96.23	7.8	33.40	8.1	23.8	0.33
F22	14 Nov 2025	11	18.44	96.28	7.9	33.37	8.1	23.9	0.33
F22	14 Nov 2025	12	18.18	96.3	7.9	33.35	8.1	24.0	0.34
F22	14 Nov 2025	13	17.90	96.35	8.0	33.33	8.1	24.0	0.36
F22	14 Nov 2025	14	17.53	96.31	8.1	33.31	8.1	24.1	0.40
F22	14 Nov 2025	15	17.32	96.21	8.2	33.29	8.1	24.1	0.48
F22	14 Nov 2025	16	16.84	96.12	8.3	33.27	8.1	24.2	0.51
F22	14 Nov 2025	17	16.54	96.11	8.4	33.26	8.1	24.3	0.55
F22	14 Nov 2025	18	16.39	96.06	8.4	33.24	8.1	24.3	0.59
F22	14 Nov 2025	19	16.26	95.95	8.4	33.24	8.1	24.3	0.58
F22	14 Nov 2025	20	16.07	96.02	8.4	33.24	8.1	24.4	0.63
F22	14 Nov 2025	21	15.85	95.94	8.3	33.25	8.1	24.4	0.74
F22	14 Nov 2025	22	15.76	95.55	8.2	33.27	8.1	24.5	0.89
F22	14 Nov 2025	23	15.48	95.18	8.1	33.27	8.1	24.5	1.01
F22	14 Nov 2025	24	15.09	95.1	8.1	33.25	8.1	24.6	1.09
F22	14 Nov 2025	25	14.59	94.97	8.0	33.23	8.0	24.7	1.13
F22	14 Nov 2025	26	14.44	95.19	7.6	33.28	8.0	24.8	1.10
F22	14 Nov 2025	27	14.45	95.03	7.3	33.29	8.0	24.8	1.11
F22	14 Nov 2025	28	14.46	94.74	7.2	33.30	8.0	24.8	1.09
F22	14 Nov 2025	29	14.46	94.67	7.2	33.30	8.0	24.8	1.09
F22	14 Nov 2025	30	14.38	94.64	7.1	33.31	8.0	24.8	1.07
F22	14 Nov 2025	31	14.19	94.55	7.1	33.32	8.0	24.8	1.08
F22	14 Nov 2025	32	14.01	94.59	7.0	33.33	8.0	24.9	1.05
F22	14 Nov 2025	33	13.69	94.68	6.9	33.31	8.0	24.9	1.03
F22	14 Nov 2025	34	13.61	94.64	7.0	33.30	8.0	25.0	0.98
F22	14 Nov 2025	35	13.55	95.02	7.0	33.29	8.0	25.0	0.98
F22	14 Nov 2025	36	13.46	95.2	7.0	33.29	8.0	25.0	0.96

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F22	14 Nov 2025	37	13.39	95.42	7.1	33.28	8.0	25.0	0.94
F22	14 Nov 2025	38	13.27	95.75	7.1	33.27	8.0	25.0	0.89
F22	14 Nov 2025	39	13.23	96	7.1	33.27	8.0	25.0	0.87
F22	14 Nov 2025	40	13.21	96.06	7.1	33.27	8.0	25.0	0.84
F22	14 Nov 2025	41	13.17	96.45	7.1	33.27	8.0	25.0	0.80
F22	14 Nov 2025	42	13.09	96.52	7.0	33.28	8.0	25.0	0.77
F22	14 Nov 2025	43	12.95	96.6	7.0	33.28	8.0	25.1	0.72
F22	14 Nov 2025	44	12.85	96.72	7.0	33.29	7.9	25.1	0.60
F22	14 Nov 2025	45	12.82	97.01	7.0	33.29	7.9	25.1	0.55
F22	14 Nov 2025	46	12.78	97.16	6.9	33.30	7.9	25.1	0.53
F22	14 Nov 2025	47	12.75	97.21	6.9	33.31	7.9	25.1	0.51
F22	14 Nov 2025	48	12.74	97.27	6.9	33.31	7.9	25.1	0.50
F22	14 Nov 2025	49	12.73	97.3	6.8	33.31	7.9	25.1	0.50
F22	14 Nov 2025	50	12.72	97.32	6.8	33.31	7.9	25.1	0.50
F22	14 Nov 2025	51	12.71	97.28	6.8	33.31	7.9	25.1	0.50
F22	14 Nov 2025	52	12.70	97.32	6.8	33.32	7.9	25.1	0.48
F22	14 Nov 2025	53	12.69	97.33	6.8	33.32	7.9	25.2	0.49
F22	14 Nov 2025	54	12.66	97.34	6.8	33.33	7.9	25.2	0.47
F22	14 Nov 2025	55	12.64	97.33	6.7	33.33	7.9	25.2	0.46
F22	14 Nov 2025	56	12.63	97.27	6.7	33.34	7.9	25.2	0.46
F22	14 Nov 2025	57	12.62	97.32	6.7	33.34	7.9	25.2	0.46
F22	14 Nov 2025	58	12.60	97.31	6.6	33.34	7.9	25.2	0.44
F22	14 Nov 2025	59	12.58	97.36	6.6	33.35	7.9	25.2	0.44
F22	14 Nov 2025	60	12.56	97.38	6.6	33.35	7.9	25.2	0.43
F22	14 Nov 2025	61	12.54	97.37	6.5	33.35	7.9	25.2	0.42
F22	14 Nov 2025	62	12.52	97.37	6.5	33.36	7.9	25.2	0.41
F22	14 Nov 2025	63	12.50	97.38	6.5	33.37	7.9	25.2	0.41
F22	14 Nov 2025	64	12.47	97.38	6.4	33.37	7.9	25.2	0.39
F22	14 Nov 2025	65	12.45	97.35	6.4	33.37	7.9	25.2	0.39
F22	14 Nov 2025	66	12.42	97.35	6.4	33.38	7.9	25.2	0.38
F22	14 Nov 2025	67	12.41	97.38	6.3	33.39	7.9	25.3	0.37
F22	14 Nov 2025	68	12.42	97.31	6.1	33.41	7.9	25.3	0.39
F22	14 Nov 2025	69	12.38	97.12	6.0	33.42	7.9	25.3	0.39
F22	14 Nov 2025	70	12.37	96.9	5.9	33.42	7.8	25.3	0.36
F22	14 Nov 2025	71	12.35	96.73	5.9	33.42	7.8	25.3	0.35
F22	14 Nov 2025	72	12.33	96.64	5.8	33.43	7.8	25.3	0.32
F22	14 Nov 2025	73	12.32	96.47	5.8	33.43	7.8	25.3	0.29
F22	14 Nov 2025	74	12.31	96.19	5.7	33.43	7.8	25.3	0.29
F22	14 Nov 2025	75	12.28	96	5.7	33.45	7.8	25.3	0.28
F22	14 Nov 2025	76	12.25	95.37	5.6	33.45	7.8	25.3	0.26
F22	14 Nov 2025	77	12.24	93.87	5.5	33.45	7.8	25.3	0.24
F22	14 Nov 2025	78	12.22	92.92	5.4	33.46	7.8	25.3	0.23
F22	14 Nov 2025	79	12.18	92.24	5.4	33.46	7.8	25.4	0.22
F22	14 Nov 2025	80	12.06	91.91	5.3	33.48	7.8	25.4	0.20
F22	14 Nov 2025	81	11.98	91.17	5.2	33.48	7.8	25.4	0.18
F11	13 Nov 2025	1	18.40	94.16	8.0	33.41	8.1	24.0	0.51
F11	13 Nov 2025	2	18.40	94.24	8.0	33.41	8.1	24.0	0.49
F11	13 Nov 2025	3	18.36	94.05	8.0	33.41	8.1	24.0	0.50
F11	13 Nov 2025	4	18.28	94.05	8.0	33.41	8.1	24.0	0.56
F11	13 Nov 2025	5	18.19	93.96	8.0	33.40	8.1	24.0	0.62
F11	13 Nov 2025	6	18.07	93.69	8.0	33.40	8.1	24.0	0.74
F11	13 Nov 2025	7	17.99	93.48	8.0	33.40	8.1	24.0	0.90
F11	13 Nov 2025	8	17.90	93.01	8.0	33.39	8.1	24.1	1.06
F11	13 Nov 2025	9	17.80	92.66	7.9	33.39	8.1	24.1	1.16
F11	13 Nov 2025	10	17.66	92.1	7.9	33.39	8.1	24.1	1.36
F11	13 Nov 2025	11	17.47	91.3	7.9	33.38	8.1	24.2	1.62
F11	13 Nov 2025	12	17.26	89.8	7.9	33.38	8.1	24.2	1.81
F11	13 Nov 2025	13	17.11	88.77	7.8	33.37	8.1	24.2	1.87
F11	13 Nov 2025	14	16.82	89.4	7.7	33.37	8.1	24.3	1.61
F11	13 Nov 2025	15	16.23	91.78	7.6	33.37	8.1	24.4	1.41

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F11	13 Nov 2025	16	16.04	93.19	7.6	33.35	8.1	24.5	1.37
F11	13 Nov 2025	17	15.76	93.55	7.5	33.34	8.1	24.5	1.33
F11	13 Nov 2025	18	15.55	93.47	7.5	33.33	8.1	24.6	1.27
F11	13 Nov 2025	19	15.26	93.93	7.5	33.33	8.1	24.6	1.25
F11	13 Nov 2025	20	15.09	94.06	7.5	33.32	8.1	24.7	1.22
F11	13 Nov 2025	21	14.94	94.24	7.4	33.31	8.0	24.7	1.20
F11	13 Nov 2025	22	14.78	94.38	7.4	33.31	8.0	24.7	1.18
F11	13 Nov 2025	23	14.49	94.49	7.3	33.31	8.0	24.8	1.17
F11	13 Nov 2025	24	14.23	94.51	7.3	33.31	8.0	24.8	1.16
F11	13 Nov 2025	25	14.10	94.61	7.2	33.30	8.0	24.9	1.02
F11	13 Nov 2025	26	14.08	94.52	7.2	33.31	8.0	24.9	1.02
F11	13 Nov 2025	27	14.05	94.3	7.1	33.31	8.0	24.9	0.95
F11	13 Nov 2025	28	14.03	94.2	7.1	33.31	8.0	24.9	0.91
F11	13 Nov 2025	29	14.00	94.2	7.1	33.31	8.0	24.9	0.90
F11	13 Nov 2025	30	13.97	94.23	7.1	33.31	8.0	24.9	0.87
F11	13 Nov 2025	31	13.93	94.23	7.0	33.31	8.0	24.9	0.87
F11	13 Nov 2025	32	13.86	94.35	7.0	33.32	8.0	24.9	0.85
F11	13 Nov 2025	33	13.81	94.25	7.0	33.32	8.0	24.9	0.83
F11	13 Nov 2025	34	13.79	94.01	6.9	33.32	8.0	24.9	0.82
F11	13 Nov 2025	35	13.75	94.17	6.9	33.32	8.0	24.9	0.80
F11	13 Nov 2025	36	13.70	93.93	6.8	33.33	8.0	25.0	0.78
F11	13 Nov 2025	37	13.64	93.75	6.8	33.32	8.0	25.0	0.78
F11	13 Nov 2025	38	13.58	94.37	6.8	33.32	8.0	25.0	0.77
F11	13 Nov 2025	39	13.54	94.54	6.8	33.32	8.0	25.0	0.75
F11	13 Nov 2025	40	13.49	94.42	6.7	33.33	8.0	25.0	0.74
F11	13 Nov 2025	41	13.40	94.15	6.6	33.34	8.0	25.0	0.69
F11	13 Nov 2025	42	13.38	94.32	6.6	33.34	8.0	25.0	0.68
F11	13 Nov 2025	43	13.30	94.51	6.6	33.33	8.0	25.0	0.70
F11	13 Nov 2025	44	13.24	94.92	6.5	33.34	8.0	25.1	0.71
F11	13 Nov 2025	45	13.19	95.13	6.5	33.34	7.9	25.1	0.68
F11	13 Nov 2025	46	13.16	95.29	6.5	33.34	7.9	25.1	0.65
F11	13 Nov 2025	47	13.14	95.38	6.4	33.34	7.9	25.1	0.64
F11	13 Nov 2025	48	13.13	95.33	6.4	33.34	7.9	25.1	0.62
F11	13 Nov 2025	49	13.11	95.41	6.4	33.35	7.9	25.1	0.63
F11	13 Nov 2025	50	13.09	95.5	6.4	33.35	7.9	25.1	0.62
F11	13 Nov 2025	51	13.06	95.52	6.3	33.36	7.9	25.1	0.61
F11	13 Nov 2025	52	13.00	95.2	6.2	33.37	7.9	25.1	0.58
F11	13 Nov 2025	53	12.95	94.84	6.1	33.38	7.9	25.1	0.50
F11	13 Nov 2025	54	12.90	94.08	6.0	33.38	7.9	25.2	0.45
F11	13 Nov 2025	55	12.89	93.53	5.9	33.38	7.9	25.2	0.44
F11	13 Nov 2025	56	12.79	91.62	5.8	33.40	7.9	25.2	0.42
F11	13 Nov 2025	57	12.74	90.76	5.8	33.40	7.9	25.2	0.37
F11	13 Nov 2025	58	12.67	91.53	5.7	33.41	7.9	25.2	0.36
F11	13 Nov 2025	59	12.60	90.81	5.6	33.42	7.9	25.2	0.34
F11	13 Nov 2025	60	12.56	87.92	5.5	33.42	7.9	25.3	0.31
F34	12 Nov 2025	1	19.38	95.21	7.9	33.45	8.2	23.7	0.31
F34	12 Nov 2025	2	19.39	95.52	7.9	33.45	8.2	23.7	0.32
F34	12 Nov 2025	3	19.36	95.57	7.8	33.45	8.2	23.7	0.34
F34	12 Nov 2025	4	19.34	95.43	7.9	33.45	8.2	23.7	0.36
F34	12 Nov 2025	5	19.33	95.44	7.9	33.45	8.2	23.8	0.36
F34	12 Nov 2025	6	19.32	95.33	7.9	33.45	8.2	23.8	0.35
F34	12 Nov 2025	7	19.31	95.38	7.9	33.45	8.2	23.8	0.35
F34	12 Nov 2025	8	19.29	95.38	7.9	33.44	8.2	23.8	0.39
F34	12 Nov 2025	9	19.26	95.45	7.9	33.44	8.2	23.8	0.36
F34	12 Nov 2025	10	19.21	95.41	7.9	33.43	8.2	23.8	0.34
F34	12 Nov 2025	11	19.03	95.47	7.9	33.41	8.2	23.8	0.31
F34	12 Nov 2025	12	18.88	95.73	7.9	33.40	8.2	23.8	0.31
F34	12 Nov 2025	13	18.50	95.85	8.0	33.37	8.2	23.9	0.32
F34	12 Nov 2025	14	18.07	95.91	8.1	33.34	8.1	24.0	0.33
F34	12 Nov 2025	15	17.64	95.89	8.2	33.31	8.1	24.1	0.36

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F34	12 Nov 2025	16	17.44	95.79	8.2	33.29	8.1	24.1	0.38
F34	12 Nov 2025	17	17.06	95.85	8.3	33.27	8.1	24.2	0.42
F34	12 Nov 2025	18	16.82	95.85	8.3	33.25	8.1	24.2	0.47
F34	12 Nov 2025	19	16.52	95.84	8.3	33.23	8.1	24.3	0.50
F34	12 Nov 2025	20	15.95	95.74	8.5	33.20	8.1	24.4	0.53
F34	12 Nov 2025	21	15.79	95.71	8.5	33.19	8.1	24.4	0.55
F34	12 Nov 2025	22	15.37	95.74	8.5	33.19	8.1	24.5	0.56
F34	12 Nov 2025	23	15.09	95.77	8.5	33.19	8.1	24.6	0.73
F34	12 Nov 2025	24	14.96	95.62	8.5	33.19	8.1	24.6	0.96
F34	12 Nov 2025	25	14.81	95.42	8.4	33.19	8.1	24.6	1.09
F34	12 Nov 2025	26	14.61	95.24	8.4	33.19	8.1	24.7	1.22
F34	12 Nov 2025	27	14.49	95.12	8.3	33.19	8.1	24.7	1.29
F34	12 Nov 2025	28	14.41	95.13	8.2	33.19	8.1	24.7	1.27
F34	12 Nov 2025	29	14.39	95.28	8.2	33.19	8.1	24.7	1.22
F34	12 Nov 2025	30	14.36	95.44	8.1	33.19	8.1	24.7	1.19
F34	12 Nov 2025	31	14.33	95.68	8.1	33.19	8.1	24.7	1.17
F34	12 Nov 2025	32	14.32	95.71	8.1	33.19	8.1	24.7	1.16
F34	12 Nov 2025	33	14.22	95.83	8.0	33.19	8.1	24.7	1.17
F34	12 Nov 2025	34	14.08	95.92	7.9	33.19	8.1	24.8	1.03
F34	12 Nov 2025	35	13.98	96.08	7.9	33.20	8.1	24.8	0.98
F34	12 Nov 2025	36	13.95	96.24	7.8	33.20	8.0	24.8	0.96
F34	12 Nov 2025	37	13.85	96.29	7.7	33.21	8.0	24.8	0.95
F34	12 Nov 2025	38	13.60	96.42	7.6	33.23	8.0	24.9	0.91
F34	12 Nov 2025	39	13.49	96.55	7.5	33.23	8.0	24.9	0.79
F34	12 Nov 2025	40	13.47	96.75	7.4	33.23	8.0	24.9	0.77
F34	12 Nov 2025	41	13.43	96.79	7.4	33.24	8.0	24.9	0.77
F34	12 Nov 2025	42	13.35	96.87	7.4	33.25	8.0	25.0	0.74
F34	12 Nov 2025	43	13.18	96.88	7.3	33.26	8.0	25.0	0.70
F34	12 Nov 2025	44	13.12	96.96	7.2	33.26	8.0	25.0	0.65
F34	12 Nov 2025	45	13.07	97.09	7.2	33.26	8.0	25.0	0.62
F34	12 Nov 2025	46	13.06	97.17	7.2	33.27	8.0	25.0	0.61
F34	12 Nov 2025	47	13.04	97.16	7.1	33.27	8.0	25.0	0.59
F34	12 Nov 2025	48	13.02	97.2	7.1	33.27	8.0	25.0	0.60
F34	12 Nov 2025	49	13.01	97.21	7.1	33.27	8.0	25.1	0.58
F34	12 Nov 2025	50	12.96	97.22	7.0	33.28	8.0	25.1	0.59
F34	12 Nov 2025	51	12.86	97.22	7.0	33.30	8.0	25.1	0.55
F34	12 Nov 2025	52	12.80	97.26	6.9	33.30	8.0	25.1	0.51
F34	12 Nov 2025	53	12.71	97.28	6.8	33.33	8.0	25.2	0.48
F34	12 Nov 2025	54	12.58	97.33	6.6	33.37	7.9	25.2	0.43
F34	12 Nov 2025	55	12.56	97.37	6.4	33.38	7.9	25.2	0.39
F34	12 Nov 2025	56	12.55	97.36	6.4	33.39	7.9	25.2	0.39
F34	12 Nov 2025	57	12.53	97.29	6.3	33.40	7.9	25.2	0.37
F34	12 Nov 2025	58	12.53	97.34	6.3	33.40	7.9	25.2	0.36
F34	12 Nov 2025	59	12.53	97.32	6.3	33.40	7.9	25.2	0.35
F34	12 Nov 2025	60	12.53	97.31	6.3	33.40	7.9	25.2	0.36
F34	12 Nov 2025	61	12.51	97.32	6.2	33.40	7.9	25.2	0.35
F34	12 Nov 2025	62	12.51	97.31	6.2	33.40	7.9	25.2	0.36
F34	12 Nov 2025	63	12.51	97.29	6.2	33.40	7.9	25.2	0.38
F34	12 Nov 2025	64	12.49	97.29	6.2	33.40	7.9	25.3	0.35
F34	12 Nov 2025	65	12.47	97.29	6.2	33.40	7.9	25.3	0.35
F34	12 Nov 2025	66	12.46	97.3	6.2	33.40	7.9	25.3	0.34
F34	12 Nov 2025	67	12.42	97.32	6.2	33.40	7.9	25.3	0.34
F34	12 Nov 2025	68	12.38	97.35	6.2	33.40	7.9	25.3	0.34
F34	12 Nov 2025	69	12.32	97.4	6.3	33.39	7.9	25.3	0.33
F34	12 Nov 2025	70	12.30	97.44	6.3	33.39	7.9	25.3	0.31
F34	12 Nov 2025	71	12.22	97.48	6.2	33.40	7.9	25.3	0.30
F34	12 Nov 2025	72	12.16	97.49	6.2	33.41	7.9	25.3	0.27
F34	12 Nov 2025	73	12.11	97.52	6.0	33.42	7.9	25.3	0.24
F34	12 Nov 2025	74	12.09	97.54	6.0	33.43	7.9	25.4	0.23
F34	12 Nov 2025	75	12.08	97.53	6.0	33.43	7.9	25.4	0.22
F34	12 Nov 2025	76	12.05	97.52	5.9	33.44	7.9	25.4	0.21

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F34	12 Nov 2025	77	12.00	97.52	5.9	33.45	7.9	25.4	0.20
F34	12 Nov 2025	78	11.98	97.53	5.8	33.45	7.9	25.4	0.19
F34	12 Nov 2025	79	11.95	97.53	5.8	33.45	7.9	25.4	0.18
F34	12 Nov 2025	80	11.83	97.54	5.8	33.47	7.8	25.4	0.17
F34	12 Nov 2025	81	11.76	97.58	5.7	33.48	7.8	25.5	0.14
F34	12 Nov 2025	82	11.70	97.57	5.6	33.50	7.8	25.5	0.13
F34	12 Nov 2025	83	11.69	97.54	5.6	33.50	7.8	25.5	0.12
F34	12 Nov 2025	84	11.68	97.43	5.5	33.50	7.8	25.5	0.11
F34	12 Nov 2025	85	11.68	97.34	5.5	33.50	7.8	25.5	0.11
F34	12 Nov 2025	86	11.66	97.32	5.4	33.51	7.8	25.5	0.10
F34	12 Nov 2025	87	11.66	97.16	5.4	33.51	7.8	25.5	0.11
F34	12 Nov 2025	88	11.65	96.95	5.4	33.51	7.8	25.5	0.11
F34	12 Nov 2025	89	11.63	96.81	5.3	33.51	7.8	25.5	0.09
F34	12 Nov 2025	90	11.59	96.64	5.3	33.52	7.8	25.5	0.10
F34	12 Nov 2025	91	11.56	96.28	5.2	33.53	7.8	25.5	0.09
F34	12 Nov 2025	92	11.52	95.89	5.2	33.54	7.8	25.5	0.09
F34	12 Nov 2025	93	11.51	95.43	5.2	33.54	7.8	25.5	0.09
F34	12 Nov 2025	94	11.50	95.23	5.2	33.54	7.8	25.5	0.09
F34	12 Nov 2025	95	11.50	95.33	5.2	33.54	7.8	25.5	0.09
F34	12 Nov 2025	96	11.50	95.32	5.2	33.54	7.8	25.6	0.10
F34	12 Nov 2025	97	11.48	95.18	5.1	33.55	7.8	25.6	0.09
F34	12 Nov 2025	98	11.45	94.78	5.1	33.55	7.8	25.6	0.09
F34	12 Nov 2025	99	11.39	94.12	5.1	33.57	7.8	25.6	0.09
F34	12 Nov 2025	100	11.36	93.17	5.0	33.57	7.8	25.6	0.09
F34	12 Nov 2025	101	11.35	92.45	5.0	33.57	7.8	25.6	0.09
F23	14 Nov 2025	1	19.52	95.95	7.7	33.45	8.1	23.7	0.34
F23	14 Nov 2025	2	19.52	95.93	7.7	33.45	8.1	23.7	0.34
F23	14 Nov 2025	3	19.52	95.98	7.7	33.45	8.1	23.7	0.35
F23	14 Nov 2025	4	19.52	95.95	7.7	33.45	8.1	23.7	0.36
F23	14 Nov 2025	5	19.52	95.98	7.7	33.45	8.1	23.7	0.36
F23	14 Nov 2025	6	19.52	95.94	7.7	33.45	8.1	23.7	0.36
F23	14 Nov 2025	7	19.50	95.87	7.7	33.45	8.1	23.7	0.36
F23	14 Nov 2025	8	19.43	95.95	7.7	33.45	8.1	23.7	0.36
F23	14 Nov 2025	9	19.22	95.89	7.8	33.44	8.1	23.8	0.36
F23	14 Nov 2025	10	19.11	95.98	7.8	33.43	8.1	23.8	0.36
F23	14 Nov 2025	11	18.75	96.05	7.9	33.40	8.1	23.9	0.38
F23	14 Nov 2025	12	18.63	96.11	8.0	33.38	8.1	23.9	0.42
F23	14 Nov 2025	13	18.47	96.14	8.1	33.37	8.1	23.9	0.44
F23	14 Nov 2025	14	18.32	96.14	8.1	33.36	8.1	23.9	0.45
F23	14 Nov 2025	15	18.22	96.14	8.1	33.35	8.1	24.0	0.48
F23	14 Nov 2025	16	18.19	96.09	8.1	33.35	8.1	24.0	0.48
F23	14 Nov 2025	17	18.04	96.12	8.1	33.34	8.1	24.0	0.47
F23	14 Nov 2025	18	17.58	96.16	8.1	33.32	8.1	24.1	0.46
F23	14 Nov 2025	19	17.09	96.15	8.2	33.30	8.1	24.2	0.52
F23	14 Nov 2025	20	16.14	96.1	8.4	33.25	8.1	24.4	0.61
F23	14 Nov 2025	21	16.06	96	8.5	33.22	8.1	24.4	0.70
F23	14 Nov 2025	22	15.96	95.94	8.5	33.22	8.1	24.4	0.72
F23	14 Nov 2025	23	15.82	95.96	8.5	33.22	8.1	24.4	0.76
F23	14 Nov 2025	24	15.73	95.92	8.5	33.21	8.1	24.4	0.78
F23	14 Nov 2025	25	15.64	95.98	8.5	33.21	8.1	24.5	0.76
F23	14 Nov 2025	26	15.42	95.96	8.4	33.20	8.1	24.5	0.75
F23	14 Nov 2025	27	14.89	95.77	8.4	33.18	8.1	24.6	0.83
F23	14 Nov 2025	28	14.55	95.63	8.4	33.16	8.1	24.7	1.14
F23	14 Nov 2025	29	14.50	95.51	8.3	33.17	8.0	24.7	1.27
F23	14 Nov 2025	30	14.50	95.35	8.3	33.17	8.0	24.7	1.24
F23	14 Nov 2025	31	14.45	95.34	8.2	33.18	8.0	24.7	1.22
F23	14 Nov 2025	32	14.41	95.28	8.2	33.19	8.0	24.7	1.20
F23	14 Nov 2025	33	14.39	95.44	8.2	33.19	8.0	24.7	1.23
F23	14 Nov 2025	34	14.37	95.49	7.9	33.22	8.0	24.7	1.22
F23	14 Nov 2025	35	14.16	95.42	7.3	33.32	8.0	24.9	1.13

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F23	14 Nov 2025	36	13.99	94.89	7.0	33.32	8.0	24.9	1.02
F23	14 Nov 2025	37	13.97	94.84	7.0	33.32	8.0	24.9	1.02
F23	14 Nov 2025	38	13.94	94.91	6.9	33.32	8.0	24.9	1.03
F23	14 Nov 2025	39	13.84	94.87	6.8	33.33	7.9	24.9	1.01
F23	14 Nov 2025	40	13.73	94.89	6.8	33.33	7.9	25.0	0.99
F23	14 Nov 2025	41	13.68	94.81	6.7	33.34	7.9	25.0	0.98
F23	14 Nov 2025	42	13.63	94.63	6.6	33.34	7.9	25.0	0.96
F23	14 Nov 2025	43	13.57	94.73	6.6	33.34	7.9	25.0	0.95
F23	14 Nov 2025	44	13.50	94.7	6.6	33.34	7.9	25.0	0.94
F23	14 Nov 2025	45	13.47	94.71	6.5	33.34	7.9	25.0	0.92
F23	14 Nov 2025	46	13.41	94.74	6.5	33.35	7.9	25.0	0.91
F23	14 Nov 2025	47	13.33	94.82	6.4	33.35	7.9	25.0	0.90
F23	14 Nov 2025	48	13.28	94.87	6.4	33.35	7.9	25.1	0.87
F23	14 Nov 2025	49	13.17	94.91	6.4	33.35	7.9	25.1	0.86
F23	14 Nov 2025	50	13.11	95.01	6.4	33.35	7.9	25.1	0.83
F23	14 Nov 2025	51	13.01	95.2	6.5	33.35	7.9	25.1	0.79
F23	14 Nov 2025	52	12.95	95.39	6.5	33.34	7.9	25.1	0.75
F23	14 Nov 2025	53	12.84	95.59	6.6	33.33	7.9	25.1	0.71
F23	14 Nov 2025	54	12.76	95.86	6.7	33.32	7.9	25.1	0.63
F23	14 Nov 2025	55	12.74	96.4	6.7	33.31	7.9	25.1	0.57
F23	14 Nov 2025	56	12.72	96.79	6.8	33.31	7.9	25.1	0.54
F23	14 Nov 2025	57	12.69	96.95	6.8	33.31	7.9	25.1	0.51
F23	14 Nov 2025	58	12.67	97.01	6.8	33.32	7.9	25.2	0.49
F23	14 Nov 2025	59	12.64	97.16	6.7	33.32	7.9	25.2	0.46
F23	14 Nov 2025	60	12.60	97.29	6.7	33.34	7.9	25.2	0.44
F23	14 Nov 2025	61	12.55	97.3	6.6	33.36	7.9	25.2	0.43
F23	14 Nov 2025	62	12.53	97.35	6.5	33.37	7.9	25.2	0.41
F23	14 Nov 2025	63	12.52	97.35	6.4	33.37	7.9	25.2	0.40
F23	14 Nov 2025	64	12.51	97.34	6.4	33.38	7.9	25.2	0.39
F23	14 Nov 2025	65	12.50	97.33	6.4	33.38	7.9	25.2	0.39
F23	14 Nov 2025	66	12.48	97.2	6.3	33.38	7.9	25.2	0.38
F23	14 Nov 2025	67	12.46	97.27	6.3	33.38	7.9	25.2	0.38
F23	14 Nov 2025	68	12.43	97.27	6.2	33.39	7.9	25.3	0.39
F23	14 Nov 2025	69	12.34	97.26	6.2	33.41	7.9	25.3	0.37
F23	14 Nov 2025	70	12.29	97.23	6.1	33.41	7.9	25.3	0.32
F23	14 Nov 2025	71	12.24	97.31	6.1	33.41	7.9	25.3	0.30
F23	14 Nov 2025	72	12.24	97.35	6.1	33.41	7.9	25.3	0.29
F23	14 Nov 2025	73	12.25	97.35	6.0	33.42	7.8	25.3	0.29
F23	14 Nov 2025	74	12.25	97.19	5.8	33.44	7.8	25.3	0.27
F23	14 Nov 2025	75	12.22	96.55	5.7	33.45	7.8	25.3	0.25
F23	14 Nov 2025	76	12.19	95.75	5.6	33.46	7.8	25.4	0.24
F23	14 Nov 2025	77	12.16	94.97	5.5	33.46	7.8	25.4	0.22
F23	14 Nov 2025	78	12.12	93.23	5.4	33.47	7.8	25.4	0.20
F23	14 Nov 2025	79	11.99	92.7	5.3	33.49	7.8	25.4	0.18
F23	14 Nov 2025	80	11.92	91.75	5.2	33.49	7.8	25.4	0.15
F23	14 Nov 2025	81	11.90	89.69	5.2	33.49	7.8	25.4	0.14
F23	14 Nov 2025	82	11.89	88.15	5.1	33.49	7.8	25.4	0.15
F12	13 Nov 2025	1	18.17	93.54	7.9	33.40	8.1	24.0	0.57
F12	13 Nov 2025	2	18.18	93.69	7.9	33.40	8.1	24.0	0.58
F12	13 Nov 2025	3	18.13	93.73	7.9	33.40	8.1	24.0	0.58
F12	13 Nov 2025	4	18.08	93.22	7.9	33.40	8.1	24.0	0.64
F12	13 Nov 2025	5	17.98	93.41	7.9	33.40	8.1	24.1	0.75
F12	13 Nov 2025	6	17.93	93.19	7.9	33.40	8.1	24.1	0.87
F12	13 Nov 2025	7	17.89	92.94	7.9	33.39	8.1	24.1	0.98
F12	13 Nov 2025	8	17.83	92.78	7.9	33.39	8.1	24.1	1.11
F12	13 Nov 2025	9	17.77	92.71	7.9	33.39	8.1	24.1	1.19
F12	13 Nov 2025	10	17.57	92.3	7.9	33.39	8.1	24.1	1.36
F12	13 Nov 2025	11	17.29	92.03	7.8	33.38	8.1	24.2	1.59
F12	13 Nov 2025	12	17.09	90.68	7.8	33.37	8.1	24.2	1.84
F12	13 Nov 2025	13	17.06	89.48	7.8	33.37	8.1	24.2	2.01

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F12	13 Nov 2025	14	17.01	88.46	7.8	33.36	8.1	24.3	1.98
F12	13 Nov 2025	15	16.92	85.29	7.7	33.36	8.1	24.3	1.90
F12	13 Nov 2025	16	16.76	87.06	7.7	33.36	8.1	24.3	1.81
F12	13 Nov 2025	17	16.67	86.97	7.7	33.36	8.1	24.3	1.73
F12	13 Nov 2025	18	16.27	88.34	7.6	33.37	8.1	24.4	1.55
F12	13 Nov 2025	19	15.85	89.59	7.5	33.35	8.1	24.5	1.27
F12	13 Nov 2025	20	15.66	92.13	7.5	33.34	8.1	24.5	1.25
F12	13 Nov 2025	21	15.39	93.21	7.5	33.33	8.1	24.6	1.17
F12	13 Nov 2025	22	15.18	93.65	7.4	33.33	8.1	24.6	1.14
F12	13 Nov 2025	23	14.92	93.92	7.4	33.32	8.0	24.7	1.12
F12	13 Nov 2025	24	14.73	94.05	7.3	33.32	8.0	24.7	1.13
F12	13 Nov 2025	25	14.62	94.32	7.2	33.32	8.0	24.8	1.08
F12	13 Nov 2025	26	14.43	94.35	7.2	33.32	8.0	24.8	1.09
F12	13 Nov 2025	27	14.18	94.38	7.1	33.32	8.0	24.9	1.03
F12	13 Nov 2025	28	13.99	94.51	7.1	33.30	8.0	24.9	1.00
F12	13 Nov 2025	29	13.85	94.61	7.2	33.29	8.0	24.9	0.99
F12	13 Nov 2025	30	13.73	94.94	7.3	33.27	8.0	24.9	0.98
F12	13 Nov 2025	31	13.65	95.16	7.3	33.27	8.0	24.9	0.98
F12	13 Nov 2025	32	13.61	95.3	7.3	33.26	8.0	24.9	0.99
F12	13 Nov 2025	33	13.59	95.5	7.3	33.27	8.0	24.9	1.00
F12	13 Nov 2025	34	13.56	95.55	7.3	33.27	8.0	24.9	1.01
F12	13 Nov 2025	35	13.54	95.7	7.2	33.27	8.0	24.9	0.99
F12	13 Nov 2025	36	13.52	95.72	7.2	33.28	8.0	25.0	1.00
F12	13 Nov 2025	37	13.48	95.72	7.2	33.28	8.0	25.0	1.00
F12	13 Nov 2025	38	13.41	95.62	7.0	33.30	8.0	25.0	1.01
F12	13 Nov 2025	39	13.39	95.65	6.9	33.31	8.0	25.0	1.01
F12	13 Nov 2025	40	13.34	95.15	6.7	33.33	8.0	25.0	0.98
F12	13 Nov 2025	41	13.27	95.45	6.6	33.33	8.0	25.0	0.87
F12	13 Nov 2025	42	13.23	95.4	6.6	33.34	8.0	25.1	0.84
F12	13 Nov 2025	43	13.22	95.37	6.5	33.34	8.0	25.1	0.83
F12	13 Nov 2025	44	13.17	95.31	6.5	33.34	8.0	25.1	0.84
F12	13 Nov 2025	45	13.14	95.35	6.4	33.35	7.9	25.1	0.82
F12	13 Nov 2025	46	13.11	95.27	6.4	33.35	7.9	25.1	0.80
F12	13 Nov 2025	47	13.05	95.23	6.4	33.35	7.9	25.1	0.73
F12	13 Nov 2025	48	12.97	95.25	6.4	33.35	7.9	25.1	0.70
F12	13 Nov 2025	49	12.92	95.62	6.4	33.35	7.9	25.1	0.67
F12	13 Nov 2025	50	12.88	95.82	6.4	33.34	7.9	25.1	0.63
F12	13 Nov 2025	51	12.87	96.01	6.4	33.35	7.9	25.1	0.61
F12	13 Nov 2025	52	12.89	95.96	6.3	33.36	7.9	25.1	0.60
F12	13 Nov 2025	53	12.88	95.69	6.2	33.38	7.9	25.2	0.57
F12	13 Nov 2025	54	12.79	95.49	6.0	33.39	7.9	25.2	0.51
F12	13 Nov 2025	55	12.78	94.93	6.0	33.39	7.9	25.2	0.45
F12	13 Nov 2025	56	12.78	94.42	5.9	33.39	7.9	25.2	0.45
F12	13 Nov 2025	57	12.77	94.24	5.9	33.39	7.9	25.2	0.44
F12	13 Nov 2025	58	12.76	93.88	5.9	33.40	7.9	25.2	0.44
F12	13 Nov 2025	59	12.76	93.36	5.8	33.40	7.9	25.2	0.42
F12	13 Nov 2025	60	12.73	92.91	5.7	33.40	7.9	25.2	0.40
F12	13 Nov 2025	61	12.60	91.99	5.5	33.42	7.9	25.2	0.36
F12	13 Nov 2025	62	12.44	90.77	5.4	33.44	7.8	25.3	0.32
F02	13 Nov 2025	1	16.74	86.29	7.7	33.36	8.1	24.3	1.42
F02	13 Nov 2025	2	16.74	86.32	7.7	33.36	8.1	24.3	1.52
F02	13 Nov 2025	3	16.72	86.33	7.7	33.36	8.1	24.3	1.60
F02	13 Nov 2025	4	16.71	86.28	7.7	33.36	8.1	24.3	1.65
F02	13 Nov 2025	5	16.70	86.4	7.7	33.36	8.0	24.3	1.69
F02	13 Nov 2025	6	16.68	86.45	7.7	33.36	8.0	24.3	1.70
F02	13 Nov 2025	7	16.60	86.38	7.6	33.36	8.0	24.3	1.69
F02	13 Nov 2025	8	16.58	86.48	7.6	33.36	8.0	24.4	1.68
F02	13 Nov 2025	9	16.55	86.29	7.6	33.36	8.0	24.4	1.68
F02	13 Nov 2025	10	16.26	86.58	7.5	33.36	8.0	24.4	1.55
F02	13 Nov 2025	11	15.83	87.13	7.4	33.35	8.0	24.5	1.52

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F02	13 Nov 2025	12	15.39	88.23	7.3	33.34	8.0	24.6	1.45
F02	13 Nov 2025	13	14.92	90.11	7.2	33.33	8.0	24.7	1.26
F02	13 Nov 2025	14	14.81	90.92	7.2	33.32	8.0	24.7	1.17
F02	13 Nov 2025	15	14.74	91.66	7.2	33.32	8.0	24.7	1.13
F02	13 Nov 2025	16	14.62	91.85	7.2	33.32	8.0	24.8	1.09
F02	13 Nov 2025	17	14.52	91.85	7.1	33.31	8.0	24.8	1.03
F02	13 Nov 2025	18	14.45	92.63	7.0	33.32	8.0	24.8	0.95
F02	13 Nov 2025	19	14.33	92.22	6.9	33.32	8.0	24.8	0.89
F02	13 Nov 2025	20	14.27	90.94	6.8	33.32	8.0	24.8	0.87
F02	13 Nov 2025	21	14.24	90.34	6.8	33.32	8.0	24.8	0.84
F35	12 Nov 2025	1	19.52	95.92	7.7	33.45	8.2	23.7	0.21
F35	12 Nov 2025	2	19.52	95.91	7.7	33.45	8.2	23.7	0.21
F35	12 Nov 2025	3	19.52	95.9	7.8	33.45	8.2	23.7	0.20
F35	12 Nov 2025	4	19.51	95.91	7.7	33.45	8.2	23.7	0.21
F35	12 Nov 2025	5	19.51	95.87	7.7	33.45	8.2	23.7	0.21
F35	12 Nov 2025	6	19.51	95.85	7.7	33.45	8.2	23.7	0.23
F35	12 Nov 2025	7	19.50	95.85	7.8	33.45	8.2	23.7	0.23
F35	12 Nov 2025	8	19.50	95.83	7.7	33.45	8.2	23.7	0.24
F35	12 Nov 2025	9	19.49	95.85	7.8	33.45	8.2	23.7	0.27
F35	12 Nov 2025	10	19.49	95.83	7.8	33.45	8.2	23.7	0.27
F35	12 Nov 2025	11	19.48	95.87	7.7	33.45	8.2	23.7	0.27
F35	12 Nov 2025	12	19.47	95.84	7.8	33.44	8.2	23.7	0.30
F35	12 Nov 2025	13	19.44	95.86	7.8	33.44	8.2	23.7	0.31
F35	12 Nov 2025	14	19.25	95.9	7.8	33.43	8.2	23.8	0.30
F35	12 Nov 2025	15	18.90	95.96	7.9	33.40	8.2	23.8	0.32
F35	12 Nov 2025	16	18.68	96	7.9	33.38	8.2	23.9	0.34
F35	12 Nov 2025	17	17.96	95.97	8.1	33.34	8.1	24.0	0.35
F35	12 Nov 2025	18	17.47	96.01	8.3	33.30	8.1	24.1	0.37
F35	12 Nov 2025	19	17.45	96.06	8.3	33.29	8.1	24.1	0.42
F35	12 Nov 2025	20	17.10	96.02	8.3	33.27	8.1	24.2	0.46
F35	12 Nov 2025	21	16.62	95.97	8.4	33.26	8.1	24.3	0.48
F35	12 Nov 2025	22	16.22	95.98	8.4	33.23	8.1	24.3	0.56
F35	12 Nov 2025	23	15.75	95.86	8.4	33.21	8.1	24.4	0.64
F35	12 Nov 2025	24	15.35	95.78	8.5	33.20	8.1	24.5	0.84
F35	12 Nov 2025	25	15.08	95.53	8.5	33.19	8.1	24.6	1.12
F35	12 Nov 2025	26	14.98	95.05	8.4	33.18	8.1	24.6	1.31
F35	12 Nov 2025	27	14.76	94.98	8.4	33.19	8.1	24.6	1.36
F35	12 Nov 2025	28	14.66	94.91	8.3	33.19	8.1	24.7	1.36
F35	12 Nov 2025	29	14.54	95.05	8.2	33.18	8.1	24.7	1.36
F35	12 Nov 2025	30	14.38	95.43	8.2	33.18	8.1	24.7	1.16
F35	12 Nov 2025	31	14.24	95.67	8.0	33.18	8.1	24.7	1.12
F35	12 Nov 2025	32	13.93	95.94	7.9	33.19	8.1	24.8	0.89
F35	12 Nov 2025	33	13.92	96.35	7.8	33.19	8.1	24.8	0.85
F35	12 Nov 2025	34	13.87	96.45	7.7	33.19	8.1	24.8	0.87
F35	12 Nov 2025	35	13.65	96.49	7.7	33.21	8.0	24.9	0.86
F35	12 Nov 2025	36	13.52	96.51	7.6	33.22	8.0	24.9	0.77
F35	12 Nov 2025	37	13.46	96.64	7.5	33.23	8.0	24.9	0.73
F35	12 Nov 2025	38	13.40	96.76	7.5	33.23	8.0	24.9	0.70
F35	12 Nov 2025	39	13.38	96.85	7.4	33.24	8.0	25.0	0.67
F35	12 Nov 2025	40	13.35	96.94	7.4	33.24	8.0	25.0	0.68
F35	12 Nov 2025	41	13.34	96.96	7.4	33.24	8.0	25.0	0.68
F35	12 Nov 2025	42	13.33	97.01	7.4	33.24	8.0	25.0	0.65
F35	12 Nov 2025	43	13.30	96.99	7.4	33.25	8.0	25.0	0.64
F35	12 Nov 2025	44	13.27	97.01	7.3	33.26	8.0	25.0	0.64
F35	12 Nov 2025	45	13.25	97.04	7.3	33.26	8.0	25.0	0.63
F35	12 Nov 2025	46	13.18	97.04	7.2	33.28	8.0	25.0	0.62
F35	12 Nov 2025	47	13.14	97.11	7.2	33.29	8.0	25.0	0.58
F35	12 Nov 2025	48	13.11	97.15	7.1	33.30	8.0	25.1	0.59
F35	12 Nov 2025	49	13.07	97.19	7.1	33.30	8.0	25.1	0.55
F35	12 Nov 2025	50	13.06	97.21	7.0	33.31	8.0	25.1	0.53

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F35	12 Nov 2025	51	13.05	97.24	7.0	33.31	8.0	25.1	0.54
F35	12 Nov 2025	52	13.02	97.22	7.0	33.32	8.0	25.1	0.53
F35	12 Nov 2025	53	12.95	97.23	6.9	33.33	8.0	25.1	0.51
F35	12 Nov 2025	54	12.92	97.24	6.8	33.33	8.0	25.1	0.49
F35	12 Nov 2025	55	12.87	97.29	6.8	33.34	8.0	25.1	0.48
F35	12 Nov 2025	56	12.84	97.29	6.7	33.35	7.9	25.1	0.48
F35	12 Nov 2025	57	12.73	97.28	6.5	33.37	7.9	25.2	0.44
F35	12 Nov 2025	58	12.70	97.28	6.5	33.38	7.9	25.2	0.39
F35	12 Nov 2025	59	12.67	97.27	6.4	33.38	7.9	25.2	0.40
F35	12 Nov 2025	60	12.63	97.3	6.4	33.37	7.9	25.2	0.39
F35	12 Nov 2025	61	12.54	97.33	6.5	33.37	7.9	25.2	0.38
F35	12 Nov 2025	62	12.48	97.39	6.4	33.39	7.9	25.2	0.36
F35	12 Nov 2025	63	12.41	97.45	6.3	33.41	7.9	25.3	0.34
F35	12 Nov 2025	64	12.40	97.43	6.2	33.41	7.9	25.3	0.34
F35	12 Nov 2025	65	12.35	97.43	6.1	33.42	7.9	25.3	0.30
F35	12 Nov 2025	66	12.33	97.35	6.1	33.42	7.9	25.3	0.30
F35	12 Nov 2025	67	12.32	97.29	6.0	33.42	7.9	25.3	0.28
F35	12 Nov 2025	68	12.31	97.31	6.0	33.42	7.9	25.3	0.28
F35	12 Nov 2025	69	12.28	97.31	6.0	33.42	7.9	25.3	0.26
F35	12 Nov 2025	70	12.23	97.32	6.0	33.42	7.9	25.3	0.25
F35	12 Nov 2025	71	12.09	97.37	6.0	33.44	7.9	25.4	0.22
F35	12 Nov 2025	72	12.06	97.35	5.9	33.44	7.9	25.4	0.20
F35	12 Nov 2025	73	11.97	97.43	5.9	33.45	7.9	25.4	0.18
F35	12 Nov 2025	74	11.95	97.49	5.8	33.45	7.9	25.4	0.17
F35	12 Nov 2025	75	11.95	97.48	5.8	33.45	7.9	25.4	0.17
F35	12 Nov 2025	76	11.94	97.47	5.8	33.45	7.9	25.4	0.17
F35	12 Nov 2025	77	11.93	97.47	5.8	33.46	7.9	25.4	0.16
F35	12 Nov 2025	78	11.92	97.47	5.8	33.46	7.9	25.4	0.17
F35	12 Nov 2025	79	11.89	97.49	5.8	33.46	7.9	25.4	0.17
F35	12 Nov 2025	80	11.86	97.51	5.8	33.46	7.8	25.4	0.16
F35	12 Nov 2025	81	11.85	97.51	5.7	33.47	7.8	25.4	0.16
F35	12 Nov 2025	82	11.78	97.5	5.7	33.48	7.8	25.4	0.14
F35	12 Nov 2025	83	11.71	97.52	5.7	33.49	7.8	25.5	0.13
F35	12 Nov 2025	84	11.68	97.52	5.6	33.49	7.8	25.5	0.13
F35	12 Nov 2025	85	11.66	97.56	5.6	33.50	7.8	25.5	0.13
F35	12 Nov 2025	86	11.65	97.61	5.6	33.50	7.8	25.5	0.12
F35	12 Nov 2025	87	11.62	97.63	5.5	33.51	7.8	25.5	0.11
F35	12 Nov 2025	88	11.57	97.59	5.5	33.52	7.8	25.5	0.11
F35	12 Nov 2025	89	11.52	97.55	5.4	33.53	7.8	25.5	0.10
F35	12 Nov 2025	90	11.49	97.47	5.3	33.54	7.8	25.5	0.10
F35	12 Nov 2025	91	11.47	97.4	5.3	33.55	7.8	25.6	0.10
F35	12 Nov 2025	92	11.42	97.26	5.2	33.55	7.8	25.6	0.09
F35	12 Nov 2025	93	11.37	97.07	5.2	33.57	7.8	25.6	0.09
F35	12 Nov 2025	94	11.36	96.9	5.2	33.57	7.8	25.6	0.08
F35	12 Nov 2025	95	11.34	96.71	5.1	33.58	7.8	25.6	0.08
F35	12 Nov 2025	96	11.24	95.95	5.0	33.60	7.8	25.6	0.08
F35	12 Nov 2025	97	11.22	94.94	4.9	33.60	7.8	25.6	0.08
F35	12 Nov 2025	98	11.21	93.71	4.9	33.60	7.8	25.6	0.08
F35	12 Nov 2025	99	11.21	92.7	4.9	33.60	7.8	25.7	0.08
F35	12 Nov 2025	100	11.21	92.52	4.9	33.61	7.8	25.7	0.08
F24	14 Nov 2025	1	19.53	95.94	7.7	33.45	8.1	23.7	0.32
F24	14 Nov 2025	2	19.54	95.97	7.7	33.45	8.1	23.7	0.33
F24	14 Nov 2025	3	19.54	95.92	7.7	33.45	8.1	23.7	0.34
F24	14 Nov 2025	4	19.54	95.98	7.7	33.45	8.1	23.7	0.35
F24	14 Nov 2025	5	19.53	95.95	7.7	33.45	8.1	23.7	0.36
F24	14 Nov 2025	6	19.52	95.96	7.7	33.45	8.1	23.7	0.35
F24	14 Nov 2025	7	19.48	96.03	7.7	33.45	8.1	23.7	0.35
F24	14 Nov 2025	8	19.40	95.99	7.7	33.45	8.1	23.7	0.35
F24	14 Nov 2025	9	19.26	95.98	7.8	33.44	8.1	23.8	0.35
F24	14 Nov 2025	10	19.14	95.99	7.8	33.43	8.1	23.8	0.35

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F24	14 Nov 2025	11	19.06	96.14	7.8	33.42	8.1	23.8	0.36
F24	14 Nov 2025	12	18.91	96.01	7.8	33.41	8.1	23.8	0.37
F24	14 Nov 2025	13	18.48	96.18	7.9	33.38	8.1	23.9	0.38
F24	14 Nov 2025	14	18.21	96.27	8.0	33.35	8.1	24.0	0.40
F24	14 Nov 2025	15	18.02	96.33	8.1	33.34	8.1	24.0	0.42
F24	14 Nov 2025	16	17.90	96.32	8.2	33.33	8.1	24.0	0.45
F24	14 Nov 2025	17	17.85	96.34	8.2	33.33	8.1	24.0	0.48
F24	14 Nov 2025	18	17.81	96.28	8.1	33.32	8.1	24.0	0.52
F24	14 Nov 2025	19	17.58	96.24	8.1	33.32	8.1	24.1	0.50
F24	14 Nov 2025	20	17.04	96.07	8.2	33.30	8.1	24.2	0.54
F24	14 Nov 2025	21	16.44	96.1	8.3	33.28	8.1	24.3	0.59
F24	14 Nov 2025	22	16.06	96.07	8.4	33.24	8.1	24.4	0.66
F24	14 Nov 2025	23	15.98	95.95	8.5	33.23	8.1	24.4	0.74
F24	14 Nov 2025	24	15.96	95.89	8.5	33.22	8.1	24.4	0.76
F24	14 Nov 2025	25	15.92	95.92	8.4	33.22	8.1	24.4	0.78
F24	14 Nov 2025	26	15.78	95.92	8.4	33.22	8.1	24.4	0.79
F24	14 Nov 2025	27	15.58	95.9	8.5	33.21	8.1	24.5	0.84
F24	14 Nov 2025	28	15.47	95.82	8.4	33.20	8.1	24.5	0.86
F24	14 Nov 2025	29	15.29	95.79	8.4	33.20	8.1	24.5	0.87
F24	14 Nov 2025	30	14.78	95.61	8.4	33.17	8.1	24.6	0.98
F24	14 Nov 2025	31	14.52	95.33	8.3	33.17	8.1	24.7	1.33
F24	14 Nov 2025	32	14.32	95.38	8.2	33.20	8.0	24.7	1.32
F24	14 Nov 2025	33	14.24	95.57	8.0	33.21	8.0	24.8	1.22
F24	14 Nov 2025	34	14.24	95.56	7.8	33.23	8.0	24.8	1.17
F24	14 Nov 2025	35	14.31	95.24	7.5	33.27	8.0	24.8	1.15
F24	14 Nov 2025	36	14.30	94.7	7.2	33.30	8.0	24.8	1.13
F24	14 Nov 2025	37	14.18	94.45	7.1	33.31	8.0	24.8	1.08
F24	14 Nov 2025	38	13.99	94.61	7.1	33.30	8.0	24.9	1.07
F24	14 Nov 2025	39	13.83	94.97	7.0	33.32	8.0	24.9	1.05
F24	14 Nov 2025	40	13.72	94.96	6.8	33.33	7.9	25.0	1.03
F24	14 Nov 2025	41	13.51	94.7	6.7	33.33	7.9	25.0	1.00
F24	14 Nov 2025	42	13.37	94.68	6.7	33.33	7.9	25.0	0.91
F24	14 Nov 2025	43	13.32	94.88	6.7	33.31	7.9	25.0	0.87
F24	14 Nov 2025	44	13.30	95.16	6.8	33.31	7.9	25.0	0.86
F24	14 Nov 2025	45	13.26	95.34	6.8	33.31	7.9	25.0	0.84
F24	14 Nov 2025	46	13.25	95.59	6.7	33.32	7.9	25.0	0.82
F24	14 Nov 2025	47	13.27	95.32	6.6	33.33	7.9	25.0	0.83
F24	14 Nov 2025	48	13.30	95.19	6.5	33.34	7.9	25.0	0.85
F24	14 Nov 2025	49	13.31	94.82	6.4	33.34	7.9	25.0	0.85
F24	14 Nov 2025	50	13.31	94.66	6.4	33.35	7.9	25.1	0.85
F24	14 Nov 2025	51	13.27	94.56	6.3	33.36	7.9	25.1	0.84
F24	14 Nov 2025	52	13.16	94.33	6.3	33.36	7.9	25.1	0.81
F24	14 Nov 2025	53	13.12	94.28	6.3	33.36	7.9	25.1	0.81
F24	14 Nov 2025	54	13.04	94.7	6.3	33.36	7.9	25.1	0.78
F24	14 Nov 2025	55	12.94	95.03	6.3	33.36	7.9	25.1	0.73
F24	14 Nov 2025	56	12.89	95.51	6.4	33.36	7.9	25.1	0.69
F24	14 Nov 2025	57	12.75	95.68	6.4	33.35	7.9	25.2	0.64
F24	14 Nov 2025	58	12.67	96.08	6.6	33.34	7.9	25.2	0.56
F24	14 Nov 2025	59	12.58	96.59	6.6	33.34	7.9	25.2	0.50
F24	14 Nov 2025	60	12.52	96.83	6.5	33.35	7.9	25.2	0.45
F24	14 Nov 2025	61	12.47	97.06	6.5	33.37	7.9	25.2	0.42
F24	14 Nov 2025	62	12.45	97.16	6.4	33.38	7.9	25.2	0.38
F24	14 Nov 2025	63	12.43	97.25	6.3	33.38	7.9	25.3	0.37
F24	14 Nov 2025	64	12.42	97.27	6.3	33.39	7.9	25.3	0.36
F24	14 Nov 2025	65	12.41	97.28	6.3	33.40	7.9	25.3	0.36
F24	14 Nov 2025	66	12.39	97.26	6.2	33.40	7.9	25.3	0.35
F24	14 Nov 2025	67	12.37	97.25	6.2	33.41	7.9	25.3	0.33
F24	14 Nov 2025	68	12.34	97.24	6.1	33.41	7.9	25.3	0.33
F24	14 Nov 2025	69	12.31	97.17	6.0	33.42	7.9	25.3	0.32
F24	14 Nov 2025	70	12.28	97.02	5.9	33.43	7.8	25.3	0.31
F24	14 Nov 2025	71	12.25	96.96	5.8	33.44	7.8	25.3	0.30

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F24	14 Nov 2025	72	12.20	96.5	5.7	33.45	7.8	25.3	0.28
F24	14 Nov 2025	73	12.12	96.14	5.6	33.46	7.8	25.4	0.24
F24	14 Nov 2025	74	12.07	95.72	5.5	33.48	7.8	25.4	0.19
F24	14 Nov 2025	75	12.02	94.88	5.3	33.48	7.8	25.4	0.17
F24	14 Nov 2025	76	11.97	93.56	5.2	33.48	7.8	25.4	0.16
F24	14 Nov 2025	77	11.95	90.82	5.2	33.49	7.8	25.4	0.15
F24	14 Nov 2025	78	11.90	89.93	5.2	33.49	7.8	25.4	0.15
F24	14 Nov 2025	79	11.82	88.66	5.2	33.50	7.8	25.5	0.14
F24	14 Nov 2025	80	11.80	87.52	5.1	33.50	7.8	25.5	0.12
F24	14 Nov 2025	81	11.76	86.87	5.1	33.51	7.8	25.5	0.12
F24	14 Nov 2025	82	11.75	86.3	5.1	33.51	7.8	25.5	0.12
F13	13 Nov 2025	1	18.56	93.54	8.0	33.41	8.1	23.9	0.58
F13	13 Nov 2025	2	18.55	93.6	8.0	33.41	8.1	23.9	0.58
F13	13 Nov 2025	3	18.55	93.5	8.0	33.41	8.1	23.9	0.62
F13	13 Nov 2025	4	18.54	93.52	8.0	33.41	8.1	23.9	0.66
F13	13 Nov 2025	5	18.51	93.42	8.0	33.41	8.1	23.9	0.70
F13	13 Nov 2025	6	18.49	93.51	8.0	33.41	8.1	23.9	0.71
F13	13 Nov 2025	7	18.42	93.49	8.0	33.41	8.1	24.0	0.71
F13	13 Nov 2025	8	18.37	93.84	8.1	33.41	8.1	24.0	0.78
F13	13 Nov 2025	9	18.30	93.42	8.0	33.41	8.1	24.0	0.82
F13	13 Nov 2025	10	18.25	93.46	8.1	33.40	8.1	24.0	0.85
F13	13 Nov 2025	11	18.16	93.57	8.0	33.40	8.1	24.0	0.85
F13	13 Nov 2025	12	17.97	93.81	8.0	33.39	8.1	24.0	0.92
F13	13 Nov 2025	13	17.66	93.73	8.0	33.39	8.1	24.1	0.93
F13	13 Nov 2025	14	17.50	93.76	7.9	33.37	8.1	24.1	0.96
F13	13 Nov 2025	15	17.40	93.86	7.9	33.37	8.1	24.2	0.97
F13	13 Nov 2025	16	17.27	93.93	7.8	33.37	8.1	24.2	1.00
F13	13 Nov 2025	17	16.88	93.86	7.7	33.38	8.1	24.3	1.12
F13	13 Nov 2025	18	16.19	93.48	7.6	33.37	8.1	24.4	1.31
F13	13 Nov 2025	19	15.84	92.86	7.5	33.35	8.1	24.5	1.39
F13	13 Nov 2025	20	15.52	92.87	7.4	33.34	8.1	24.6	1.38
F13	13 Nov 2025	21	14.96	93.12	7.2	33.34	8.0	24.7	1.31
F13	13 Nov 2025	22	14.57	93.27	7.2	33.33	8.0	24.8	1.24
F13	13 Nov 2025	23	14.47	93.65	7.2	33.32	8.0	24.8	1.16
F13	13 Nov 2025	24	14.46	93.96	7.2	33.32	8.0	24.8	1.14
F13	13 Nov 2025	25	14.43	94.11	7.1	33.32	8.0	24.8	1.13
F13	13 Nov 2025	26	14.40	94.11	7.1	33.32	8.0	24.8	1.11
F13	13 Nov 2025	27	14.26	94.33	7.1	33.31	8.0	24.8	1.09
F13	13 Nov 2025	28	14.12	94.54	7.2	33.31	8.0	24.9	1.05
F13	13 Nov 2025	29	13.89	94.87	7.2	33.30	8.0	24.9	1.03
F13	13 Nov 2025	30	13.76	95.02	7.2	33.29	8.0	24.9	1.03
F13	13 Nov 2025	31	13.61	95.24	7.1	33.30	8.0	25.0	1.03
F13	13 Nov 2025	32	13.54	95.27	7.0	33.30	8.0	25.0	1.01
F13	13 Nov 2025	33	13.53	95.42	7.0	33.30	8.0	25.0	1.02
F13	13 Nov 2025	34	13.51	95.42	7.0	33.30	8.0	25.0	1.02
F13	13 Nov 2025	35	13.51	95.43	6.9	33.31	8.0	25.0	1.03
F13	13 Nov 2025	36	13.49	95.25	6.8	33.32	8.0	25.0	1.00
F13	13 Nov 2025	37	13.46	95.17	6.7	33.33	8.0	25.0	0.95
F13	13 Nov 2025	38	13.38	95.17	6.6	33.33	8.0	25.0	0.92
F13	13 Nov 2025	39	13.34	95.19	6.5	33.34	8.0	25.0	0.93
F13	13 Nov 2025	40	13.25	95.06	6.3	33.36	7.9	25.1	0.83
F13	13 Nov 2025	41	13.21	94.87	6.3	33.36	7.9	25.1	0.78
F13	13 Nov 2025	42	13.16	94.71	6.3	33.36	7.9	25.1	0.74
F13	13 Nov 2025	43	13.11	94.97	6.3	33.36	7.9	25.1	0.75
F13	13 Nov 2025	44	13.11	94.99	6.2	33.36	7.9	25.1	0.69
F13	13 Nov 2025	45	13.10	94.76	6.2	33.36	7.9	25.1	0.66
F13	13 Nov 2025	46	13.10	94.67	6.2	33.37	7.9	25.1	0.65
F13	13 Nov 2025	47	13.09	94.65	6.2	33.37	7.9	25.1	0.64
F13	13 Nov 2025	48	13.06	94.56	6.1	33.37	7.9	25.1	0.61
F13	13 Nov 2025	49	13.03	94.46	6.1	33.37	7.9	25.1	0.58

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F13	13 Nov 2025	50	12.99	94.41	6.0	33.38	7.9	25.1	0.55
F13	13 Nov 2025	51	12.94	94.5	6.0	33.38	7.9	25.2	0.53
F13	13 Nov 2025	52	12.91	94.47	6.0	33.38	7.9	25.2	0.54
F13	13 Nov 2025	53	12.86	94.3	5.9	33.39	7.9	25.2	0.48
F13	13 Nov 2025	54	12.79	94.03	5.9	33.39	7.9	25.2	0.45
F13	13 Nov 2025	55	12.76	93.87	5.8	33.40	7.9	25.2	0.43
F13	13 Nov 2025	56	12.74	93.41	5.8	33.40	7.9	25.2	0.41
F13	13 Nov 2025	57	12.72	92.96	5.7	33.41	7.9	25.2	0.39
F13	13 Nov 2025	58	12.66	92.46	5.6	33.41	7.9	25.2	0.36
F13	13 Nov 2025	59	12.58	91.65	5.5	33.42	7.9	25.3	0.33
F13	13 Nov 2025	60	12.53	89.78	5.4	33.42	7.8	25.3	0.31
F13	13 Nov 2025	61	12.40	88.2	5.3	33.44	7.8	25.3	0.29
F13	13 Nov 2025	62	12.35	87.52	5.3	33.44	7.8	25.3	0.27
F36	12 Nov 2025	1	19.55	95.77	7.7	33.45	8.1	23.7	0.24
F36	12 Nov 2025	2	19.55	95.87	7.7	33.45	8.1	23.7	0.24
F36	12 Nov 2025	3	19.55	95.96	7.7	33.45	8.1	23.7	0.24
F36	12 Nov 2025	4	19.55	95.98	7.7	33.45	8.1	23.7	0.24
F36	12 Nov 2025	5	19.55	96.01	7.7	33.45	8.1	23.7	0.25
F36	12 Nov 2025	6	19.54	96	7.7	33.45	8.1	23.7	0.27
F36	12 Nov 2025	7	19.54	95.98	7.7	33.45	8.1	23.7	0.28
F36	12 Nov 2025	8	19.54	96.02	7.7	33.45	8.1	23.7	0.29
F36	12 Nov 2025	9	19.53	95.99	7.7	33.45	8.1	23.7	0.29
F36	12 Nov 2025	10	19.53	96	7.7	33.45	8.1	23.7	0.30
F36	12 Nov 2025	11	19.53	95.97	7.7	33.45	8.1	23.7	0.30
F36	12 Nov 2025	12	19.52	95.99	7.7	33.45	8.2	23.7	0.31
F36	12 Nov 2025	13	19.50	96.01	7.7	33.45	8.2	23.7	0.32
F36	12 Nov 2025	14	19.23	95.99	7.8	33.43	8.1	23.8	0.33
F36	12 Nov 2025	15	18.90	96	7.9	33.40	8.1	23.8	0.37
F36	12 Nov 2025	16	18.74	96.02	7.9	33.39	8.1	23.9	0.38
F36	12 Nov 2025	17	17.52	96.08	8.2	33.32	8.1	24.1	0.40
F36	12 Nov 2025	18	17.30	96.09	8.2	33.29	8.1	24.1	0.50
F36	12 Nov 2025	19	17.22	95.93	8.2	33.28	8.1	24.1	0.58
F36	12 Nov 2025	20	16.85	95.88	8.2	33.26	8.1	24.2	0.66
F36	12 Nov 2025	21	16.26	95.69	8.4	33.24	8.1	24.3	0.74
F36	12 Nov 2025	22	16.03	95.61	8.4	33.23	8.1	24.4	0.81
F36	12 Nov 2025	23	15.77	95.62	8.4	33.22	8.1	24.4	0.89
F36	12 Nov 2025	24	15.33	95.68	8.4	33.20	8.1	24.5	1.00
F36	12 Nov 2025	25	14.86	95.52	8.4	33.18	8.1	24.6	1.26
F36	12 Nov 2025	26	14.65	95.36	8.3	33.17	8.1	24.6	1.33
F36	12 Nov 2025	27	14.21	95.48	8.1	33.17	8.1	24.7	1.13
F36	12 Nov 2025	28	14.02	95.88	8.0	33.18	8.1	24.8	0.93
F36	12 Nov 2025	29	13.89	96.22	7.8	33.19	8.1	24.8	0.84
F36	12 Nov 2025	30	13.80	96.39	7.7	33.20	8.0	24.8	0.80
F36	12 Nov 2025	31	13.72	96.53	7.7	33.21	8.0	24.9	0.78
F36	12 Nov 2025	32	13.66	96.6	7.6	33.22	8.0	24.9	0.72
F36	12 Nov 2025	33	13.65	96.72	7.6	33.22	8.0	24.9	0.70
F36	12 Nov 2025	34	13.63	96.76	7.6	33.22	8.0	24.9	0.70
F36	12 Nov 2025	35	13.52	96.78	7.5	33.22	8.0	24.9	0.68
F36	12 Nov 2025	36	13.48	96.85	7.5	33.23	8.0	24.9	0.65
F36	12 Nov 2025	37	13.46	96.91	7.4	33.24	8.0	24.9	0.64
F36	12 Nov 2025	38	13.41	96.93	7.4	33.25	8.0	25.0	0.63
F36	12 Nov 2025	39	13.38	96.97	7.3	33.25	8.0	25.0	0.61
F36	12 Nov 2025	40	13.33	97.02	7.2	33.26	8.0	25.0	0.60
F36	12 Nov 2025	41	13.24	97.07	7.2	33.28	8.0	25.0	0.57
F36	12 Nov 2025	42	13.21	97.12	7.1	33.28	8.0	25.0	0.54
F36	12 Nov 2025	43	13.19	97.17	7.0	33.29	8.0	25.0	0.53
F36	12 Nov 2025	44	13.16	97.16	7.0	33.30	8.0	25.0	0.52
F36	12 Nov 2025	45	13.15	97.22	7.0	33.30	8.0	25.0	0.52
F36	12 Nov 2025	46	13.14	97.23	6.9	33.30	8.0	25.1	0.51
F36	12 Nov 2025	47	13.13	97.19	6.9	33.31	8.0	25.1	0.51

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F36	12 Nov 2025	48	13.10	97.13	6.8	33.31	8.0	25.1	0.51
F36	12 Nov 2025	49	13.04	97.22	6.8	33.32	8.0	25.1	0.49
F36	12 Nov 2025	50	13.00	97.21	6.8	33.32	8.0	25.1	0.47
F36	12 Nov 2025	51	12.99	97.2	6.7	33.33	8.0	25.1	0.46
F36	12 Nov 2025	52	12.97	97.24	6.7	33.34	8.0	25.1	0.44
F36	12 Nov 2025	53	12.95	97.31	6.6	33.34	7.9	25.1	0.44
F36	12 Nov 2025	54	12.93	97.32	6.6	33.35	7.9	25.1	0.44
F36	12 Nov 2025	55	12.90	97.31	6.6	33.35	7.9	25.1	0.43
F36	12 Nov 2025	56	12.87	97.33	6.6	33.35	7.9	25.1	0.41
F36	12 Nov 2025	57	12.83	97.37	6.5	33.36	7.9	25.2	0.40
F36	12 Nov 2025	58	12.81	97.37	6.5	33.36	7.9	25.2	0.38
F36	12 Nov 2025	59	12.79	97.41	6.4	33.36	7.9	25.2	0.36
F36	12 Nov 2025	60	12.77	97.4	6.4	33.37	7.9	25.2	0.37
F36	12 Nov 2025	61	12.71	97.4	6.4	33.37	7.9	25.2	0.35
F36	12 Nov 2025	62	12.68	97.43	6.3	33.38	7.9	25.2	0.33
F36	12 Nov 2025	63	12.58	97.45	6.3	33.39	7.9	25.2	0.32
F36	12 Nov 2025	64	12.55	97.42	6.2	33.39	7.9	25.2	0.29
F36	12 Nov 2025	65	12.56	97.39	6.2	33.39	7.9	25.2	0.31
F36	12 Nov 2025	66	12.47	97.44	6.2	33.41	7.9	25.3	0.27
F36	12 Nov 2025	67	12.41	97.49	6.1	33.41	7.9	25.3	0.24
F36	12 Nov 2025	68	12.37	97.49	6.0	33.42	7.9	25.3	0.22
F36	12 Nov 2025	69	12.35	97.53	6.0	33.42	7.9	25.3	0.22
F36	12 Nov 2025	70	12.28	97.54	6.0	33.43	7.9	25.3	0.21
F36	12 Nov 2025	71	12.23	97.53	5.9	33.44	7.9	25.3	0.18
F36	12 Nov 2025	72	12.17	97.47	5.8	33.45	7.9	25.3	0.17
F36	12 Nov 2025	73	12.10	97.54	5.8	33.45	7.9	25.4	0.16
F36	12 Nov 2025	74	12.04	97.5	5.8	33.45	7.9	25.4	0.16
F36	12 Nov 2025	75	11.90	97.55	5.8	33.45	7.9	25.4	0.15
F36	12 Nov 2025	76	11.79	97.52	5.9	33.46	7.9	25.4	0.15
F36	12 Nov 2025	77	11.78	97.5	5.9	33.46	7.9	25.4	0.14
F36	12 Nov 2025	78	11.77	97.68	5.9	33.46	7.9	25.4	0.14
F36	12 Nov 2025	79	11.74	97.69	5.8	33.46	7.9	25.4	0.13
F36	12 Nov 2025	80	11.69	97.71	5.8	33.47	7.8	25.5	0.13
F36	12 Nov 2025	81	11.56	97.76	5.8	33.48	7.8	25.5	0.12
F36	12 Nov 2025	82	11.53	97.81	5.7	33.49	7.8	25.5	0.12
F36	12 Nov 2025	83	11.46	97.82	5.6	33.52	7.8	25.5	0.10
F36	12 Nov 2025	84	11.42	97.75	5.5	33.53	7.8	25.6	0.09
F36	12 Nov 2025	85	11.37	97.69	5.3	33.56	7.8	25.6	0.08
F36	12 Nov 2025	86	11.35	97.6	5.2	33.56	7.8	25.6	0.08
F36	12 Nov 2025	87	11.33	97.51	5.2	33.56	7.8	25.6	0.08
F36	12 Nov 2025	88	11.32	97.43	5.2	33.57	7.8	25.6	0.08
F36	12 Nov 2025	89	11.31	97.5	5.2	33.57	7.8	25.6	0.08
F36	12 Nov 2025	90	11.30	97.49	5.2	33.57	7.8	25.6	0.08
F36	12 Nov 2025	91	11.29	97.41	5.1	33.58	7.8	25.6	0.08
F36	12 Nov 2025	92	11.26	97.22	5.1	33.59	7.8	25.6	0.08
F36	12 Nov 2025	93	11.24	96.97	5.1	33.59	7.8	25.6	0.08
F36	12 Nov 2025	94	11.22	96.84	5.0	33.60	7.8	25.6	0.08
F36	12 Nov 2025	95	11.17	96.38	5.0	33.61	7.8	25.7	0.07
F36	12 Nov 2025	96	11.14	95.82	4.9	33.62	7.8	25.7	0.07
F36	12 Nov 2025	97	11.10	95.74	4.9	33.63	7.8	25.7	0.07
F36	12 Nov 2025	98	11.06	95.82	4.8	33.64	7.8	25.7	0.06
F36	12 Nov 2025	99	11.03	95.98	4.8	33.64	7.8	25.7	0.06
F36	12 Nov 2025	100	11.03	96.03	4.8	33.64	7.8	25.7	0.06
F25	14 Nov 2025	1	19.46	95.98	7.7	33.45	8.1	23.7	0.33
F25	14 Nov 2025	2	19.47	96.02	7.7	33.45	8.1	23.7	0.35
F25	14 Nov 2025	3	19.47	96.02	7.7	33.45	8.1	23.7	0.34
F25	14 Nov 2025	4	19.46	96.05	7.7	33.45	8.1	23.7	0.34
F25	14 Nov 2025	5	19.45	96	7.7	33.45	8.1	23.7	0.34
F25	14 Nov 2025	6	19.41	96	7.7	33.45	8.1	23.7	0.34
F25	14 Nov 2025	7	19.36	96.01	7.8	33.44	8.1	23.7	0.34

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F25	14 Nov 2025	8	19.33	96.02	7.8	33.44	8.1	23.7	0.34
F25	14 Nov 2025	9	19.29	96.07	7.8	33.44	8.1	23.8	0.33
F25	14 Nov 2025	10	19.26	96.16	7.8	33.43	8.1	23.8	0.33
F25	14 Nov 2025	11	19.22	96.26	7.7	33.43	8.1	23.8	0.34
F25	14 Nov 2025	12	18.95	96.27	7.8	33.41	8.1	23.8	0.33
F25	14 Nov 2025	13	18.64	96.37	7.9	33.38	8.1	23.9	0.35
F25	14 Nov 2025	14	18.47	96.5	8.0	33.37	8.1	23.9	0.37
F25	14 Nov 2025	15	18.24	96.54	8.0	33.35	8.1	23.9	0.37
F25	14 Nov 2025	16	18.09	96.53	8.0	33.34	8.1	24.0	0.38
F25	14 Nov 2025	17	17.75	96.54	8.1	33.32	8.1	24.0	0.38
F25	14 Nov 2025	18	17.38	96.54	8.2	33.30	8.1	24.1	0.40
F25	14 Nov 2025	19	17.14	96.52	8.3	33.30	8.1	24.2	0.44
F25	14 Nov 2025	20	16.77	96.46	8.3	33.28	8.1	24.2	0.50
F25	14 Nov 2025	21	16.58	96.36	8.3	33.27	8.1	24.3	0.55
F25	14 Nov 2025	22	16.38	96.27	8.3	33.27	8.1	24.3	0.60
F25	14 Nov 2025	23	15.73	96.22	8.4	33.24	8.1	24.5	0.68
F25	14 Nov 2025	24	15.55	95.97	8.5	33.21	8.1	24.5	0.92
F25	14 Nov 2025	25	15.51	95.69	8.5	33.20	8.1	24.5	0.95
F25	14 Nov 2025	26	15.50	95.63	8.5	33.20	8.1	24.5	0.96
F25	14 Nov 2025	27	15.42	95.64	8.4	33.20	8.1	24.5	0.96
F25	14 Nov 2025	28	15.28	95.37	8.4	33.19	8.1	24.5	0.97
F25	14 Nov 2025	29	15.08	95.43	8.5	33.18	8.1	24.6	1.01
F25	14 Nov 2025	30	14.97	95.55	8.4	33.17	8.1	24.6	1.07
F25	14 Nov 2025	31	14.67	95.44	8.4	33.17	8.1	24.6	1.15
F25	14 Nov 2025	32	14.44	95.29	8.3	33.17	8.0	24.7	1.26
F25	14 Nov 2025	33	14.27	95.36	8.1	33.20	8.0	24.7	1.26
F25	14 Nov 2025	34	14.16	95.45	7.8	33.24	8.0	24.8	1.19
F25	14 Nov 2025	35	14.05	95.45	7.6	33.26	8.0	24.8	1.12
F25	14 Nov 2025	36	13.98	95.3	7.5	33.26	8.0	24.8	1.05
F25	14 Nov 2025	37	13.93	95.29	7.4	33.26	8.0	24.9	1.03
F25	14 Nov 2025	38	13.87	95.38	7.4	33.25	8.0	24.9	1.02
F25	14 Nov 2025	39	13.89	95.56	7.2	33.29	8.0	24.9	1.01
F25	14 Nov 2025	40	13.68	95.36	7.0	33.31	8.0	24.9	1.00
F25	14 Nov 2025	41	13.58	95.15	6.9	33.31	7.9	25.0	0.98
F25	14 Nov 2025	42	13.50	95.05	6.9	33.30	7.9	25.0	0.94
F25	14 Nov 2025	43	13.28	95.16	7.0	33.28	7.9	25.0	0.85
F25	14 Nov 2025	44	13.20	95.67	7.1	33.27	7.9	25.0	0.70
F25	14 Nov 2025	45	13.12	96.44	7.0	33.28	7.9	25.0	0.62
F25	14 Nov 2025	46	13.08	96.79	6.9	33.31	7.9	25.1	0.59
F25	14 Nov 2025	47	13.09	96.54	6.8	33.31	7.9	25.1	0.65
F25	14 Nov 2025	48	13.09	96.21	6.7	33.31	7.9	25.1	0.68
F25	14 Nov 2025	49	13.10	95.98	6.7	33.32	7.9	25.1	0.68
F25	14 Nov 2025	50	13.11	95.67	6.6	33.33	7.9	25.1	0.70
F25	14 Nov 2025	51	13.12	95.4	6.5	33.34	7.9	25.1	0.71
F25	14 Nov 2025	52	13.09	95.17	6.4	33.35	7.9	25.1	0.74
F25	14 Nov 2025	53	13.05	94.96	6.4	33.36	7.9	25.1	0.74
F25	14 Nov 2025	54	13.02	94.94	6.3	33.36	7.9	25.1	0.74
F25	14 Nov 2025	55	12.97	94.96	6.3	33.37	7.9	25.1	0.73
F25	14 Nov 2025	56	12.76	95.07	6.5	33.34	7.9	25.2	0.69
F25	14 Nov 2025	57	12.65	95.78	6.7	33.32	7.9	25.2	0.53
F25	14 Nov 2025	58	12.62	96.88	6.7	33.33	7.9	25.2	0.46
F25	14 Nov 2025	59	12.61	97.25	6.7	33.33	7.9	25.2	0.45
F25	14 Nov 2025	60	12.57	97.27	6.7	33.34	7.9	25.2	0.43
F25	14 Nov 2025	61	12.52	97.31	6.6	33.35	7.9	25.2	0.41
F25	14 Nov 2025	62	12.47	97.3	6.5	33.37	7.9	25.2	0.42
F25	14 Nov 2025	63	12.40	97.23	6.3	33.39	7.9	25.3	0.40
F25	14 Nov 2025	64	12.33	97.16	6.2	33.41	7.9	25.3	0.36
F25	14 Nov 2025	65	12.31	97.14	6.1	33.41	7.9	25.3	0.30
F25	14 Nov 2025	66	12.30	97.21	6.1	33.42	7.9	25.3	0.30
F25	14 Nov 2025	67	12.26	97.09	6.0	33.43	7.8	25.3	0.30
F25	14 Nov 2025	68	12.23	96.93	5.9	33.44	7.8	25.3	0.28

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F25	14 Nov 2025	69	12.20	96.59	5.8	33.45	7.8	25.3	0.26
F25	14 Nov 2025	70	12.19	96.15	5.7	33.45	7.8	25.3	0.27
F25	14 Nov 2025	71	12.16	95.92	5.7	33.45	7.8	25.4	0.25
F25	14 Nov 2025	72	12.09	95.82	5.6	33.47	7.8	25.4	0.21
F25	14 Nov 2025	73	12.06	95.47	5.5	33.47	7.8	25.4	0.18
F25	14 Nov 2025	74	12.04	94.27	5.4	33.47	7.8	25.4	0.17
F25	14 Nov 2025	75	12.00	93.11	5.3	33.48	7.8	25.4	0.17
F25	14 Nov 2025	76	11.93	92.2	5.3	33.48	7.8	25.4	0.15
F25	14 Nov 2025	77	11.82	92.1	5.3	33.50	7.8	25.5	0.13
F25	14 Nov 2025	78	11.78	91.98	5.3	33.50	7.8	25.5	0.11
F25	14 Nov 2025	79	11.73	91.11	5.2	33.51	7.8	25.5	0.10
F25	14 Nov 2025	80	11.72	89.94	5.2	33.51	7.8	25.5	0.10
F14	13 Nov 2025	1	18.69	93.67	8.0	33.42	8.1	23.9	0.69
F14	13 Nov 2025	2	18.68	93.52	8.0	33.42	8.1	23.9	0.69
F14	13 Nov 2025	3	18.68	93.48	8.0	33.42	8.1	23.9	0.72
F14	13 Nov 2025	4	18.68	93.48	8.0	33.42	8.1	23.9	0.76
F14	13 Nov 2025	5	18.68	93.59	8.0	33.42	8.1	23.9	0.77
F14	13 Nov 2025	6	18.67	93.6	8.0	33.42	8.1	23.9	0.73
F14	13 Nov 2025	7	18.66	93.78	8.0	33.42	8.1	23.9	0.72
F14	13 Nov 2025	8	18.66	93.92	8.0	33.42	8.1	23.9	0.72
F14	13 Nov 2025	9	18.64	93.91	8.0	33.42	8.1	23.9	0.70
F14	13 Nov 2025	10	18.44	93.99	8.0	33.41	8.1	23.9	0.66
F14	13 Nov 2025	11	18.22	94.35	8.1	33.38	8.1	24.0	0.58
F14	13 Nov 2025	12	18.03	95.04	8.1	33.37	8.1	24.0	0.55
F14	13 Nov 2025	13	17.52	95.63	8.2	33.35	8.1	24.1	0.55
F14	13 Nov 2025	14	17.30	95.69	8.2	33.34	8.1	24.2	0.64
F14	13 Nov 2025	15	16.91	95.41	8.0	33.34	8.1	24.3	0.77
F14	13 Nov 2025	16	16.36	94.94	7.7	33.35	8.1	24.4	0.91
F14	13 Nov 2025	17	15.62	94.26	7.5	33.35	8.1	24.6	1.25
F14	13 Nov 2025	18	15.47	93.13	7.4	33.34	8.0	24.6	1.37
F14	13 Nov 2025	19	15.21	92.2	7.3	33.34	8.0	24.6	1.41
F14	13 Nov 2025	20	14.74	92.28	7.2	33.34	8.0	24.7	1.28
F14	13 Nov 2025	21	14.48	93.1	7.2	33.32	8.0	24.8	1.15
F14	13 Nov 2025	22	14.37	93.86	7.1	33.32	8.0	24.8	1.13
F14	13 Nov 2025	23	14.22	94.1	7.1	33.32	8.0	24.8	1.11
F14	13 Nov 2025	24	14.15	94.33	7.0	33.32	8.0	24.9	1.10
F14	13 Nov 2025	25	14.06	94.42	7.0	33.32	8.0	24.9	1.10
F14	13 Nov 2025	26	13.97	94.45	7.0	33.32	8.0	24.9	1.08
F14	13 Nov 2025	27	13.88	94.53	7.0	33.32	8.0	24.9	1.07
F14	13 Nov 2025	28	13.81	94.59	6.9	33.32	8.0	24.9	1.08
F14	13 Nov 2025	29	13.68	94.55	6.8	33.33	8.0	25.0	1.07
F14	13 Nov 2025	30	13.57	94.67	6.8	33.33	8.0	25.0	0.99
F14	13 Nov 2025	31	13.53	94.75	6.7	33.33	8.0	25.0	0.96
F14	13 Nov 2025	32	13.50	94.94	6.7	33.33	8.0	25.0	0.92
F14	13 Nov 2025	33	13.46	95.01	6.7	33.33	8.0	25.0	0.90
F14	13 Nov 2025	34	13.42	94.96	6.6	33.33	8.0	25.0	0.87
F14	13 Nov 2025	35	13.39	95.11	6.6	33.34	8.0	25.0	0.84
F14	13 Nov 2025	36	13.33	95.13	6.5	33.34	8.0	25.0	0.81
F14	13 Nov 2025	37	13.26	95.12	6.4	33.35	7.9	25.1	0.78
F14	13 Nov 2025	38	13.22	94.96	6.3	33.36	7.9	25.1	0.73
F14	13 Nov 2025	39	13.21	94.71	6.2	33.36	7.9	25.1	0.72
F14	13 Nov 2025	40	13.21	94.39	6.2	33.36	7.9	25.1	0.71
F14	13 Nov 2025	41	13.21	94.4	6.2	33.36	7.9	25.1	0.73
F14	13 Nov 2025	42	13.19	94.36	6.2	33.36	7.9	25.1	0.71
F14	13 Nov 2025	43	13.16	94.27	6.1	33.37	7.9	25.1	0.71
F14	13 Nov 2025	44	13.12	94.09	6.1	33.37	7.9	25.1	0.69
F14	13 Nov 2025	45	13.08	94.4	6.1	33.37	7.9	25.1	0.67
F14	13 Nov 2025	46	13.04	94.63	6.1	33.37	7.9	25.1	0.65
F14	13 Nov 2025	47	13.03	94.87	6.2	33.37	7.9	25.1	0.64
F14	13 Nov 2025	48	13.02	95.05	6.2	33.37	7.9	25.1	0.64

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F14	13 Nov 2025	49	13.01	95.11	6.1	33.37	7.9	25.1	0.64
F14	13 Nov 2025	50	12.99	95.18	6.1	33.37	7.9	25.1	0.61
F14	13 Nov 2025	51	12.96	95.2	6.1	33.37	7.9	25.1	0.61
F14	13 Nov 2025	52	12.93	95.08	6.1	33.38	7.9	25.1	0.60
F14	13 Nov 2025	53	12.88	95.01	6.0	33.39	7.9	25.2	0.55
F14	13 Nov 2025	54	12.80	94.62	5.8	33.40	7.9	25.2	0.47
F14	13 Nov 2025	55	12.75	93.64	5.7	33.40	7.9	25.2	0.41
F14	13 Nov 2025	56	12.71	92.55	5.6	33.41	7.9	25.2	0.38
F14	13 Nov 2025	57	12.67	90.06	5.5	33.41	7.9	25.2	0.38
F14	13 Nov 2025	58	12.58	87.32	5.4	33.42	7.8	25.3	0.33
F14	13 Nov 2025	59	12.52	86.23	5.3	33.43	7.8	25.3	0.31
F14	13 Nov 2025	60	12.46	86.11	5.3	33.43	7.8	25.3	0.29
F14	13 Nov 2025	61	12.44	85.71	5.2	33.43	7.8	25.3	0.28
F03	13 Nov 2025	1	17.45	91.98	7.8	33.38	8.1	24.2	0.67
F03	13 Nov 2025	2	17.45	92.04	7.8	33.38	8.1	24.2	0.71
F03	13 Nov 2025	3	17.32	91.93	7.7	33.38	8.1	24.2	0.81
F03	13 Nov 2025	4	17.12	91.74	7.7	33.38	8.1	24.2	0.93
F03	13 Nov 2025	5	17.04	91.33	7.7	33.37	8.1	24.3	1.08
F03	13 Nov 2025	6	16.99	91.02	7.6	33.37	8.1	24.3	1.13
F03	13 Nov 2025	7	16.79	90.63	7.6	33.37	8.1	24.3	1.22
F03	13 Nov 2025	8	16.39	90.8	7.5	33.36	8.1	24.4	1.44
F03	13 Nov 2025	9	15.76	90.61	7.4	33.35	8.0	24.5	1.55
F03	13 Nov 2025	10	15.42	90.17	7.3	33.34	8.0	24.6	1.57
F03	13 Nov 2025	11	15.22	90.36	7.2	33.33	8.0	24.6	1.47
F03	13 Nov 2025	12	15.22	90.61	7.2	33.33	8.0	24.6	1.51
F03	13 Nov 2025	13	15.19	90.52	7.2	33.33	8.0	24.6	1.47
F03	13 Nov 2025	14	15.18	90.47	7.1	33.34	8.0	24.6	1.46
F03	13 Nov 2025	15	15.10	90.5	7.1	33.34	8.0	24.7	1.41
F03	13 Nov 2025	16	14.94	90.43	7.0	33.34	8.0	24.7	1.29
F03	13 Nov 2025	17	14.82	90.63	7.0	33.34	8.0	24.7	1.23
F03	13 Nov 2025	18	14.62	90.56	6.8	33.34	8.0	24.8	1.24
F03	13 Nov 2025	19	14.54	88.06	6.8	33.34	8.0	24.8	1.25
F03	13 Nov 2025	20	14.52	85.6	6.7	33.34	8.0	24.8	1.29

NA = not available

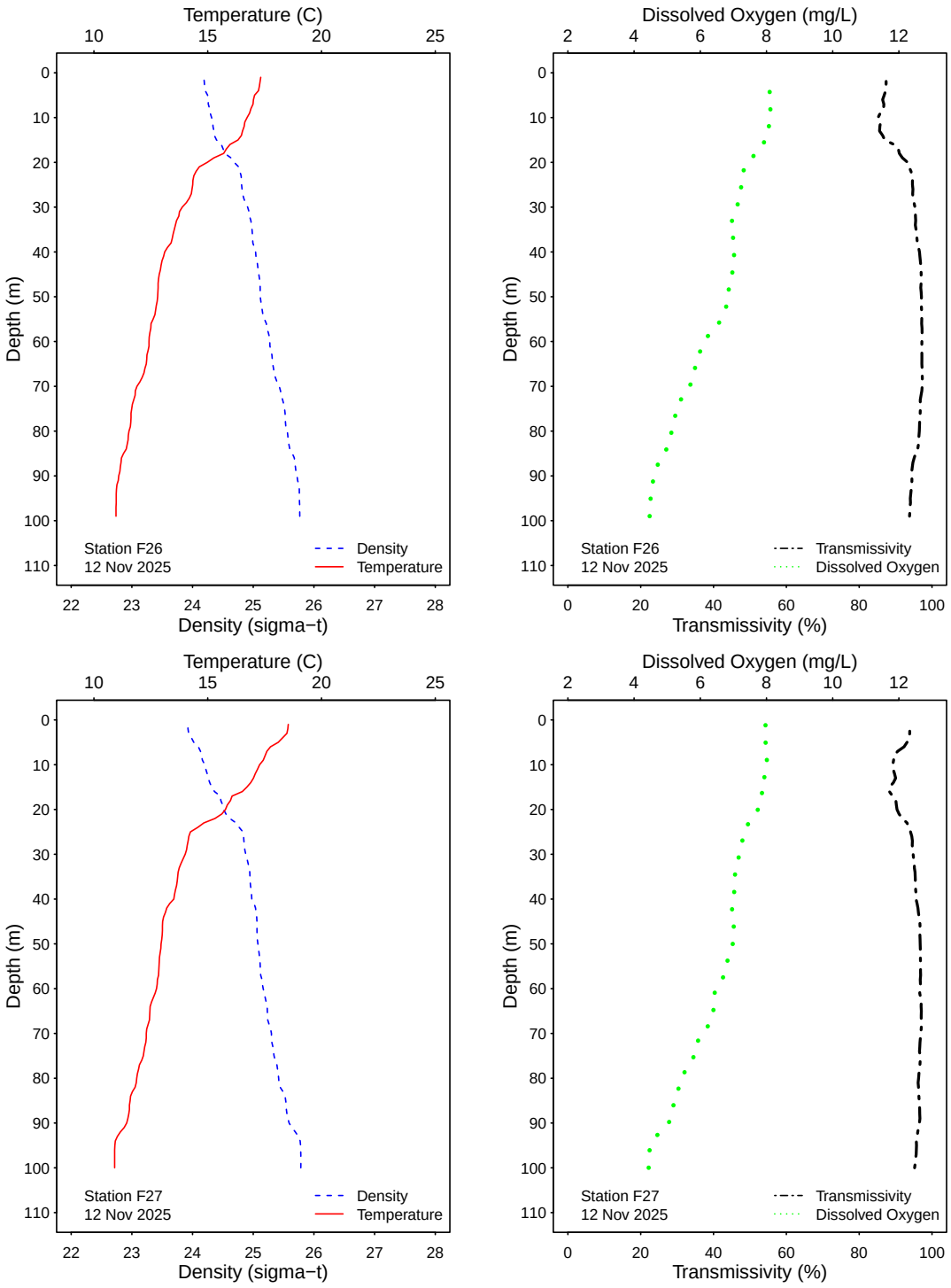


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

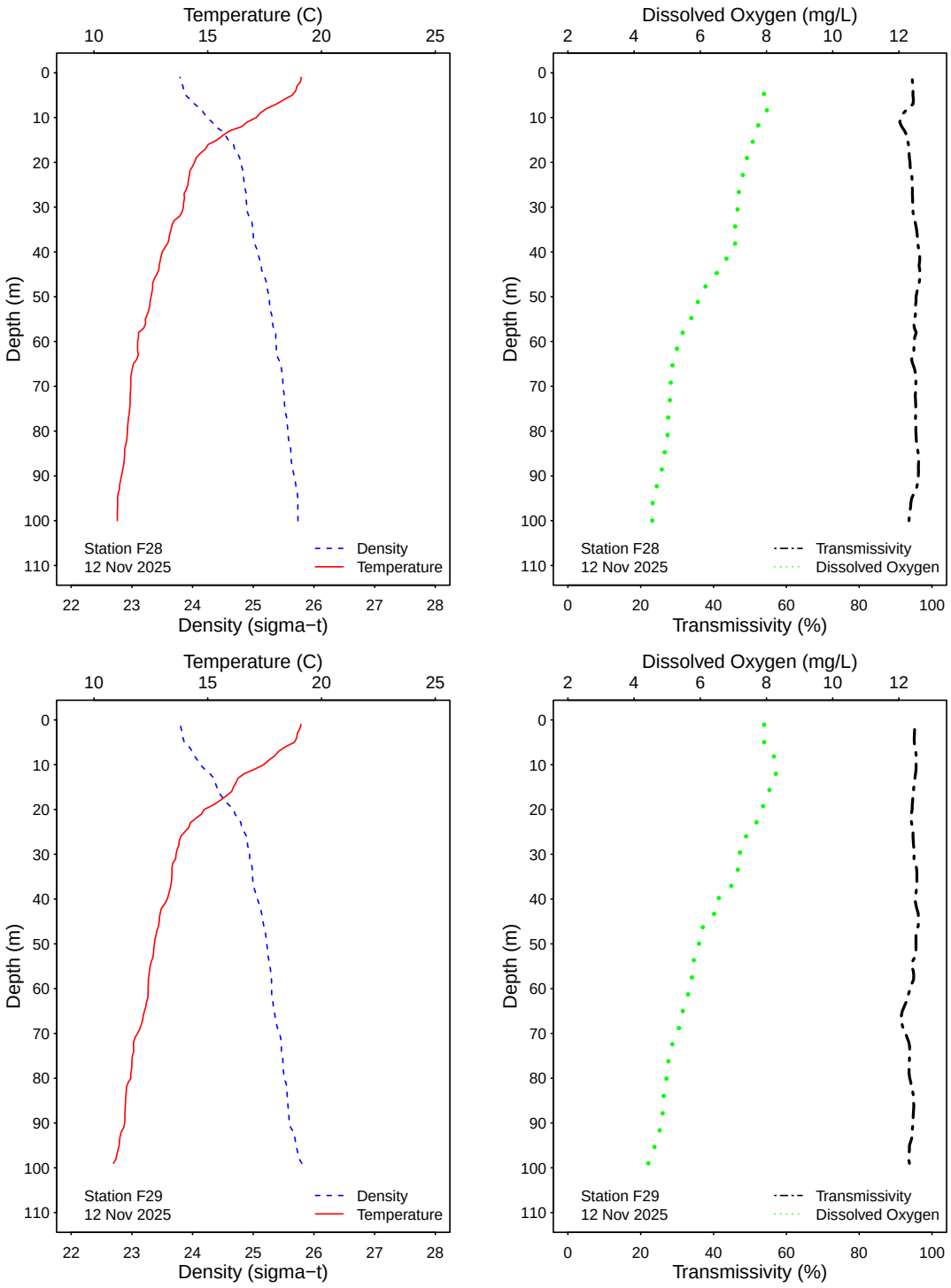
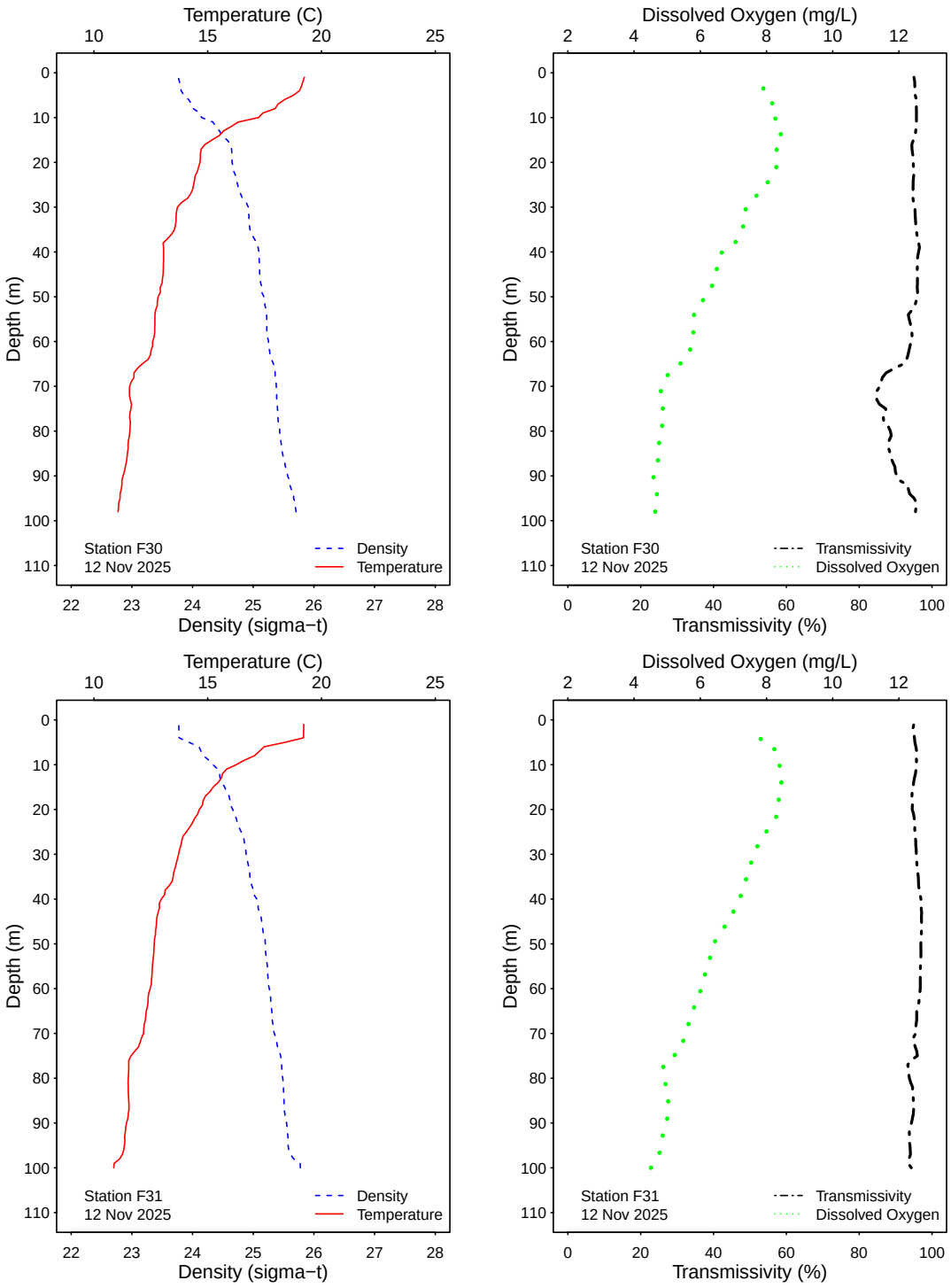


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.



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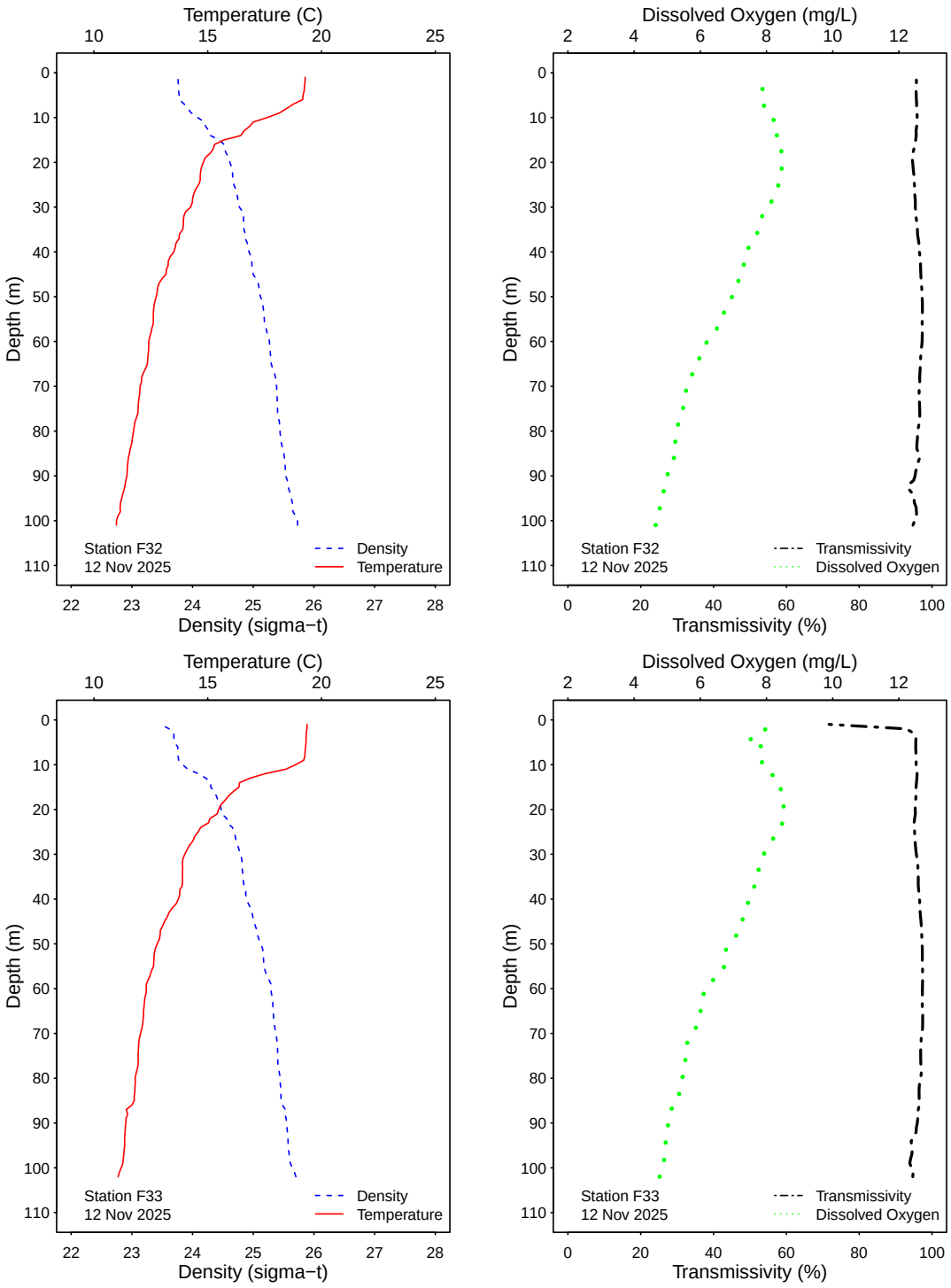


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

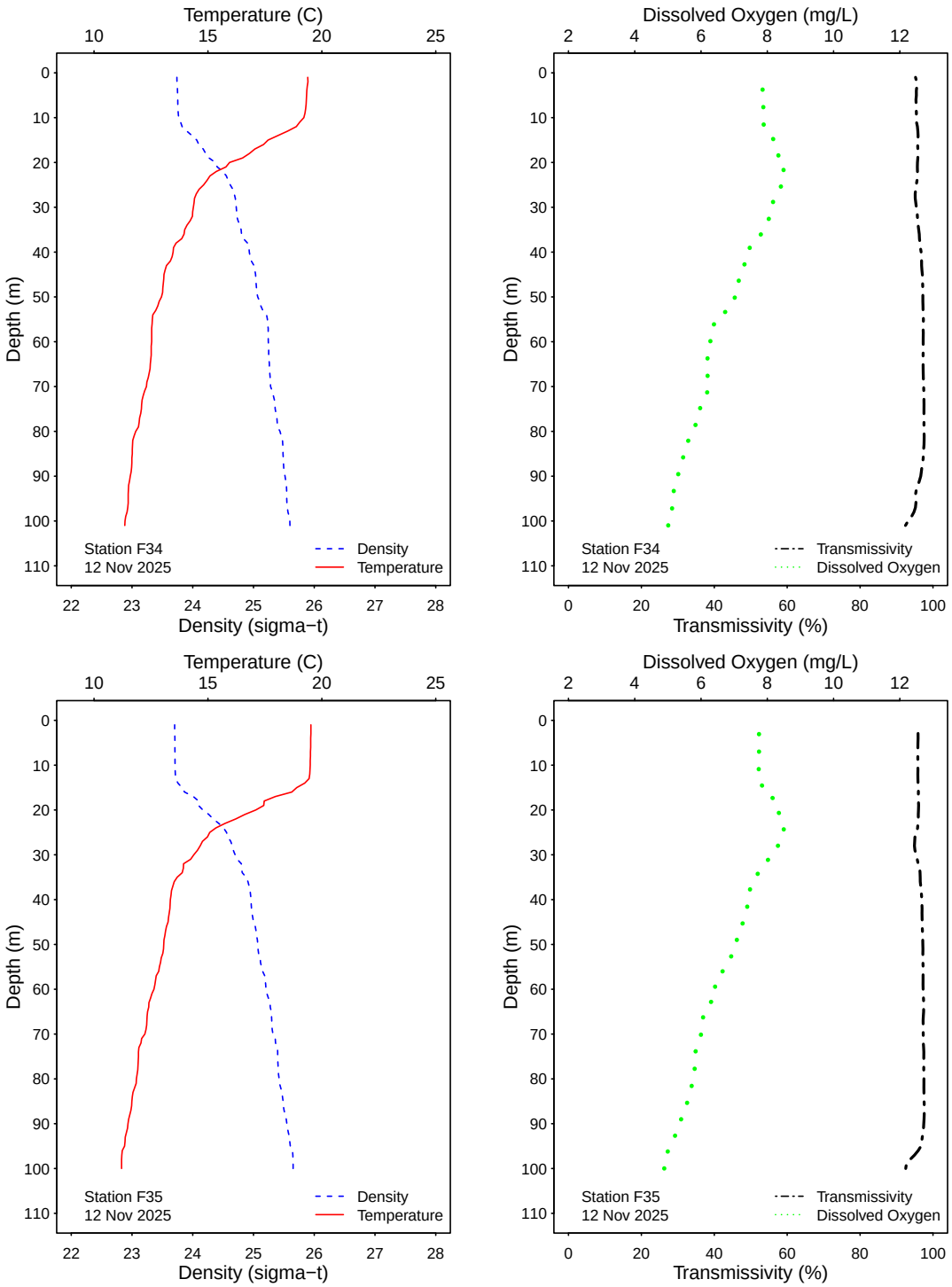


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

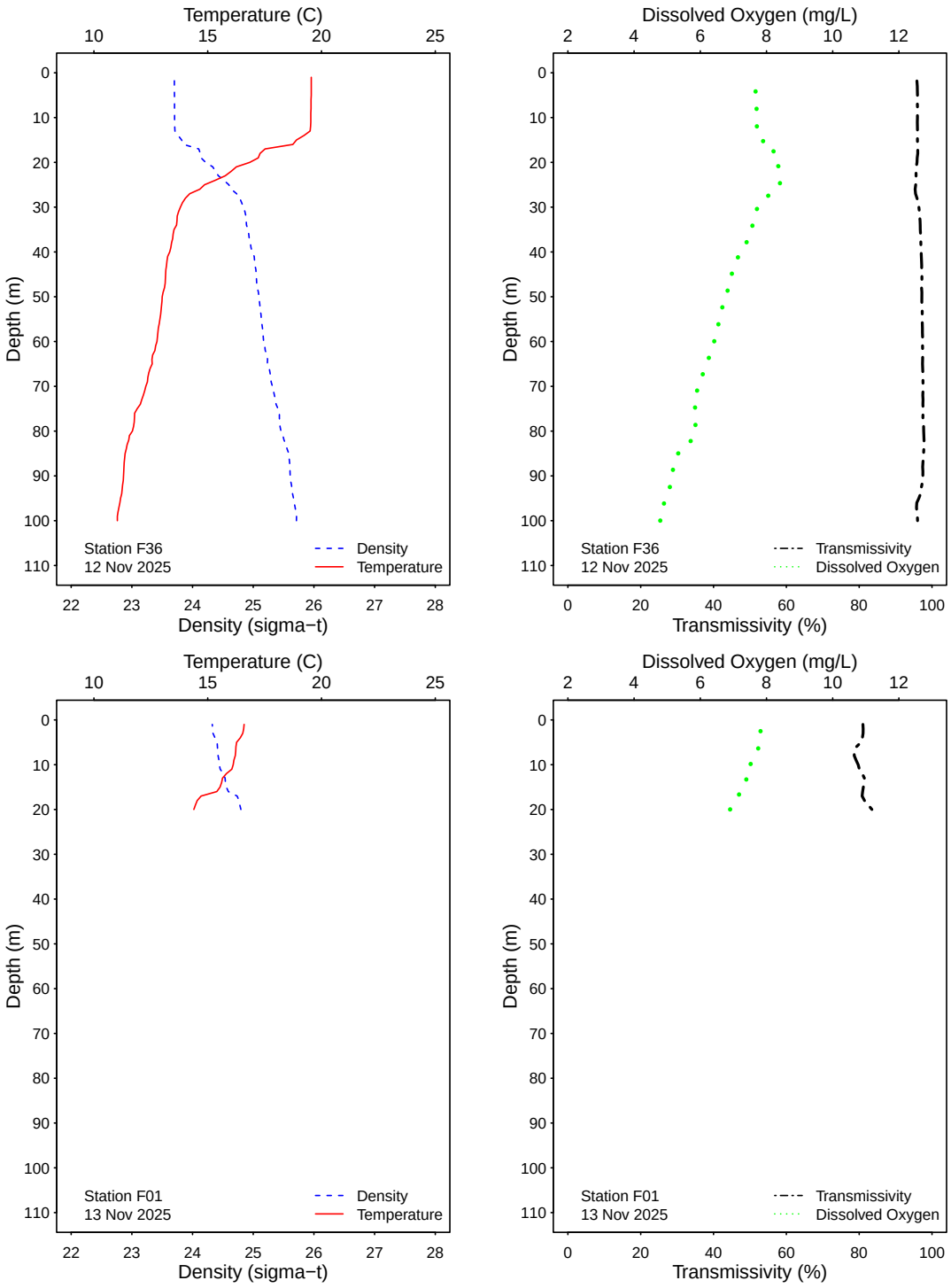


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

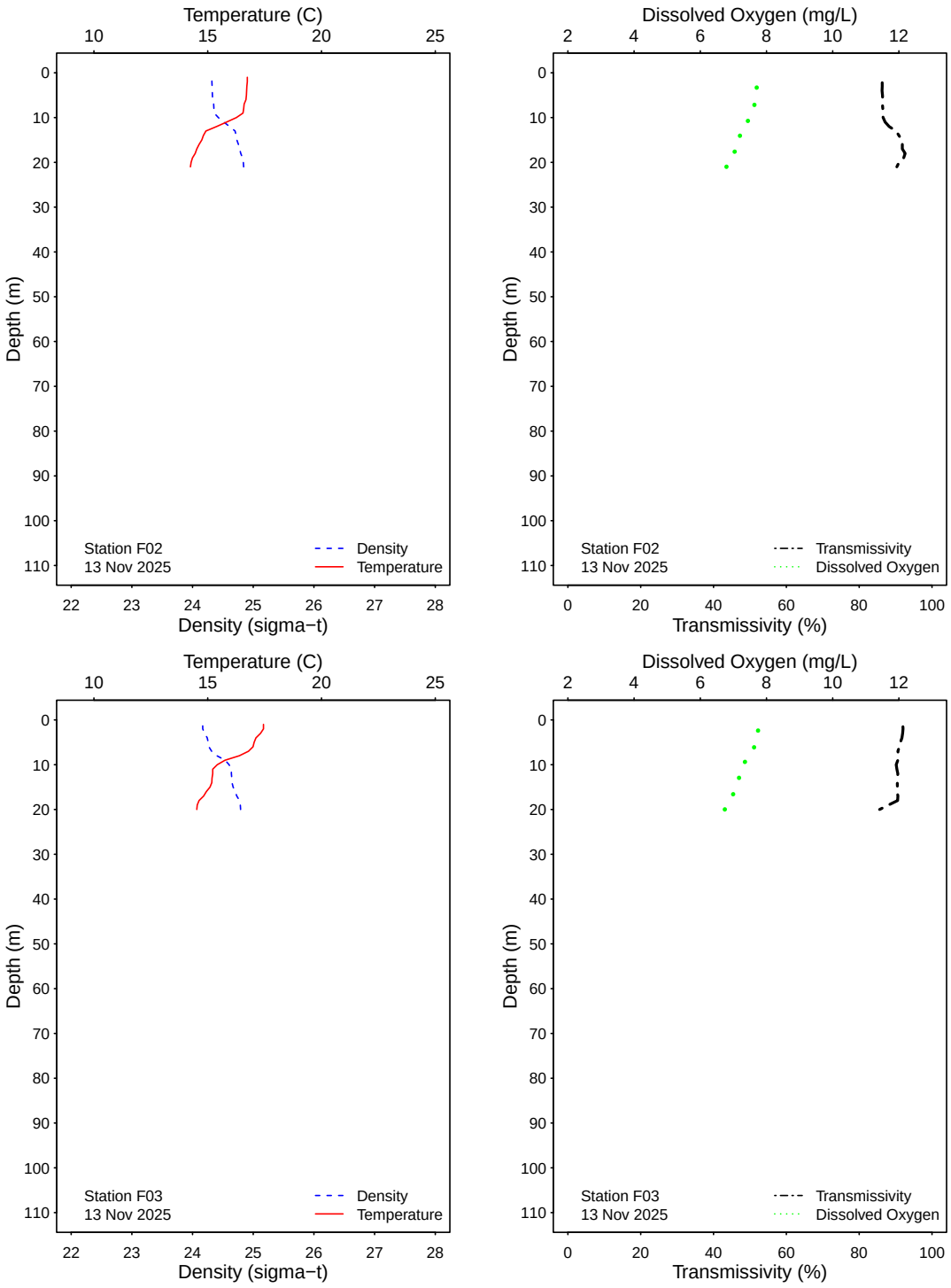
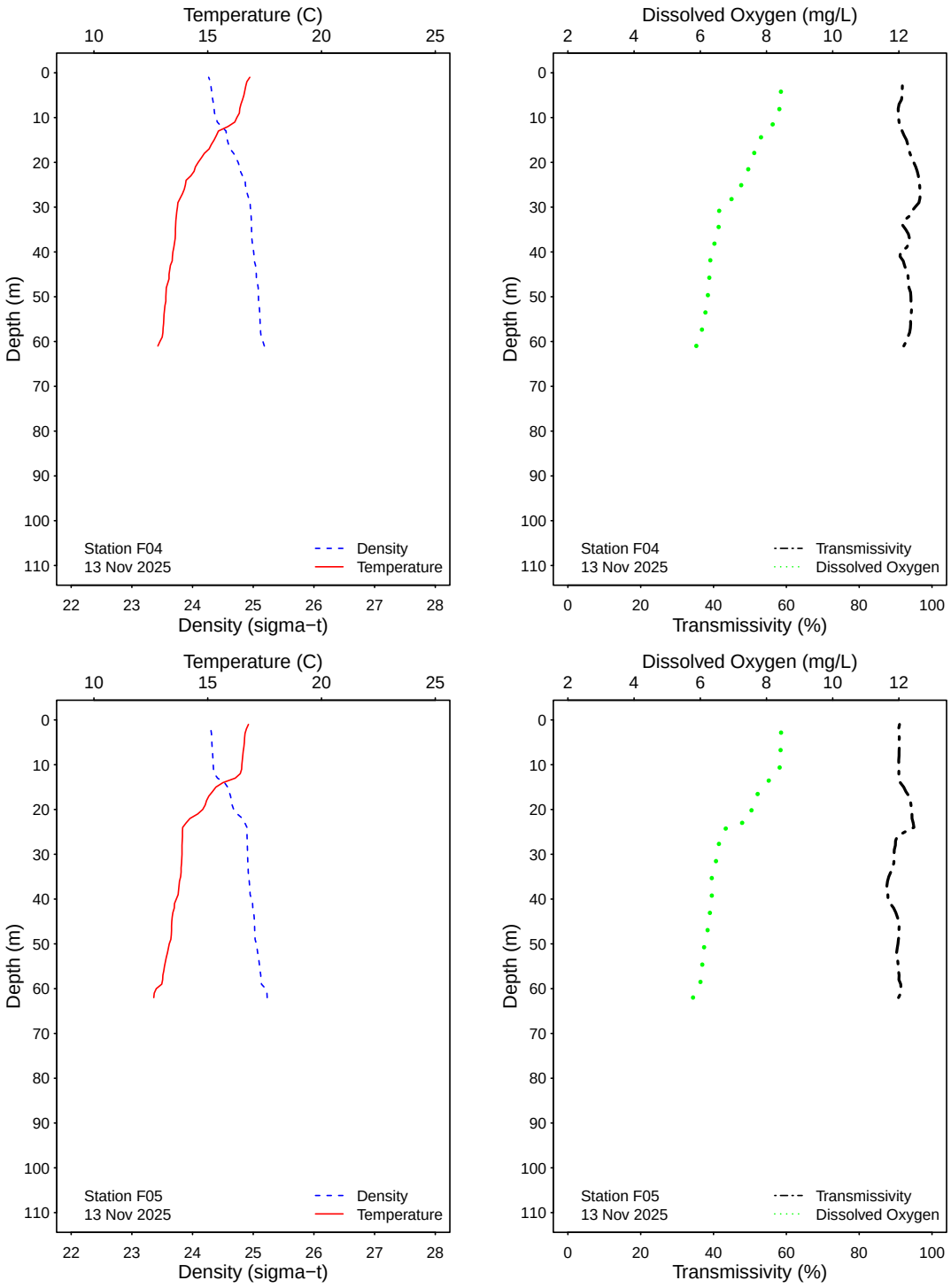


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.



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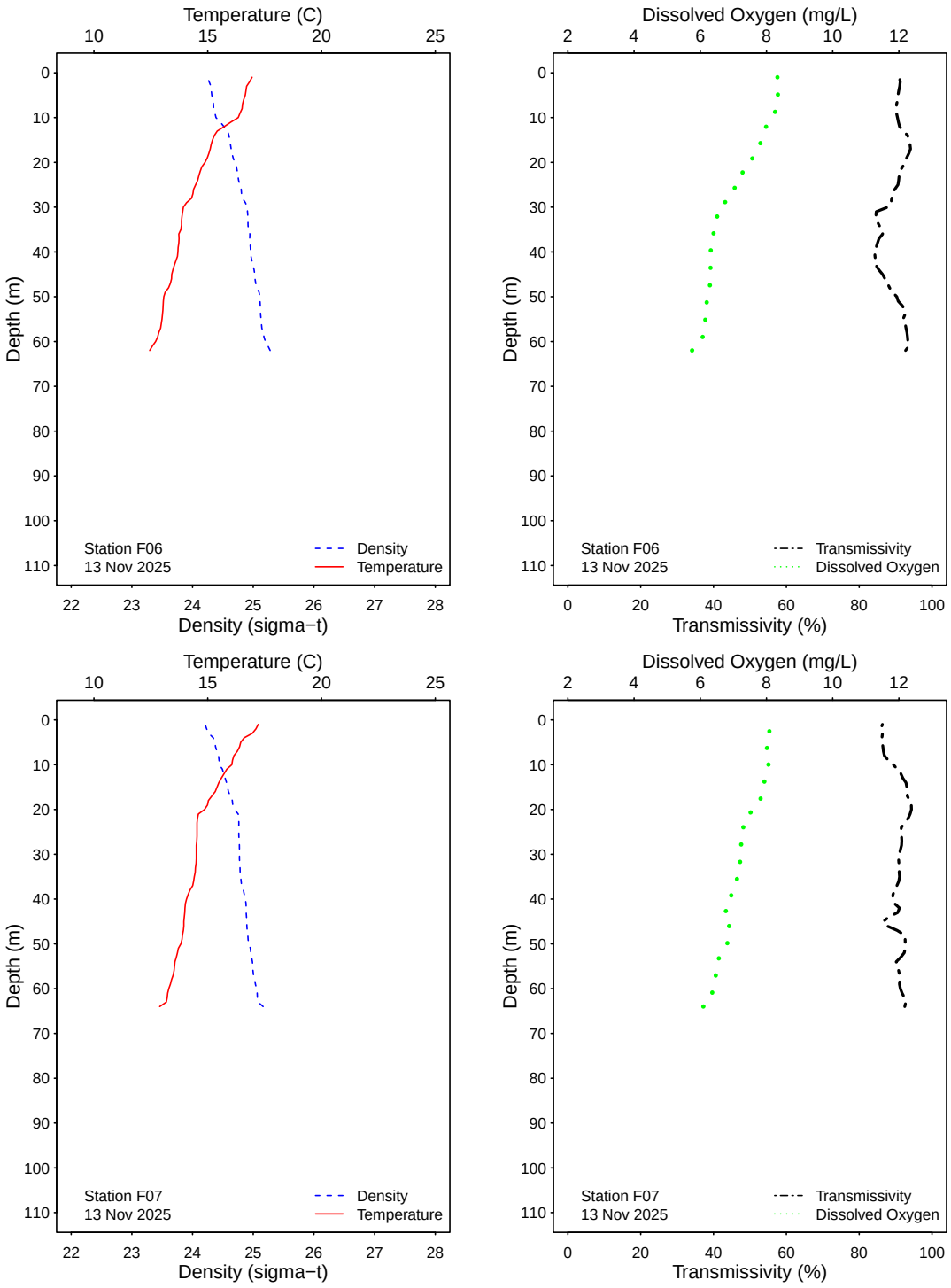


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

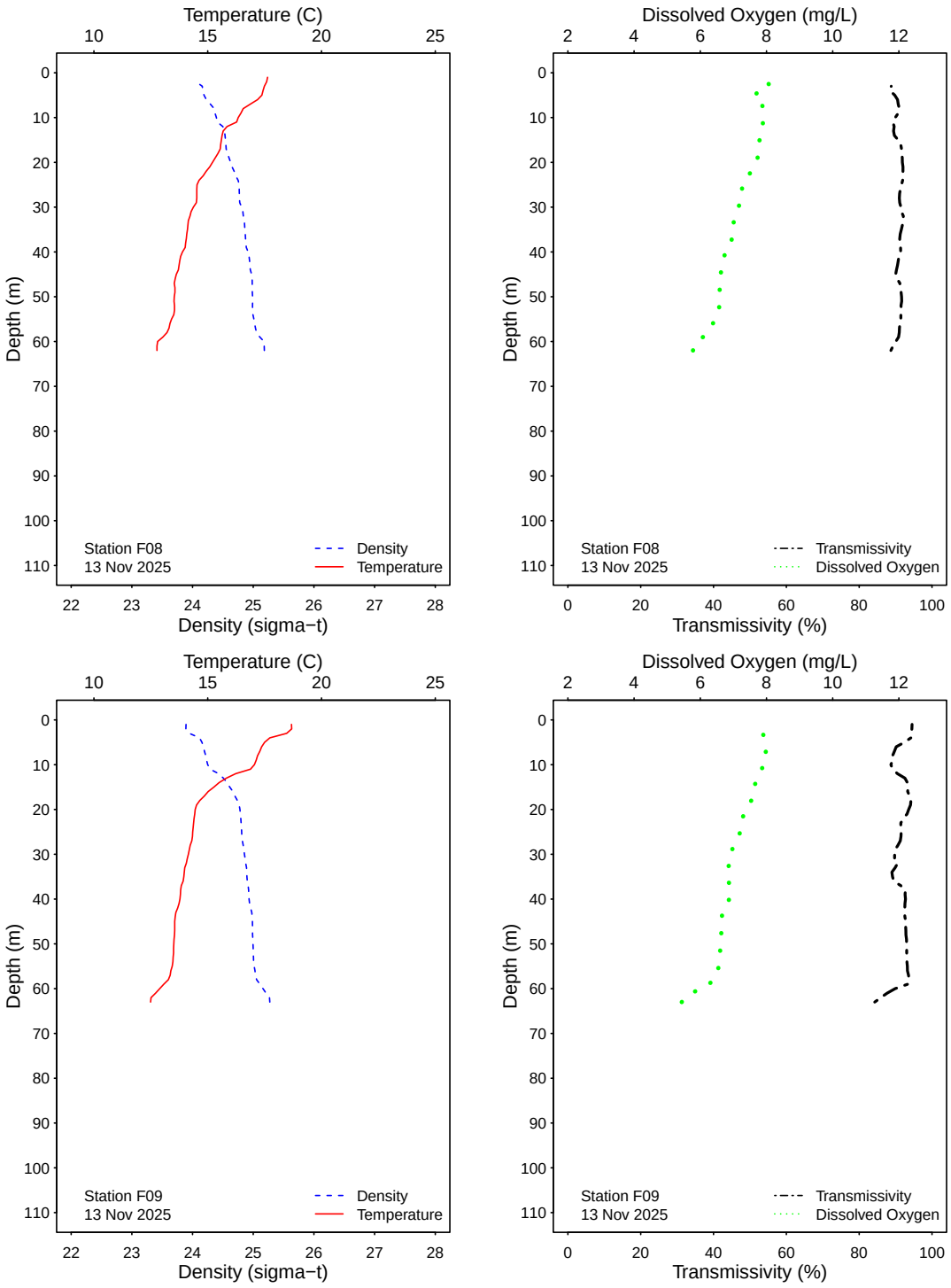


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

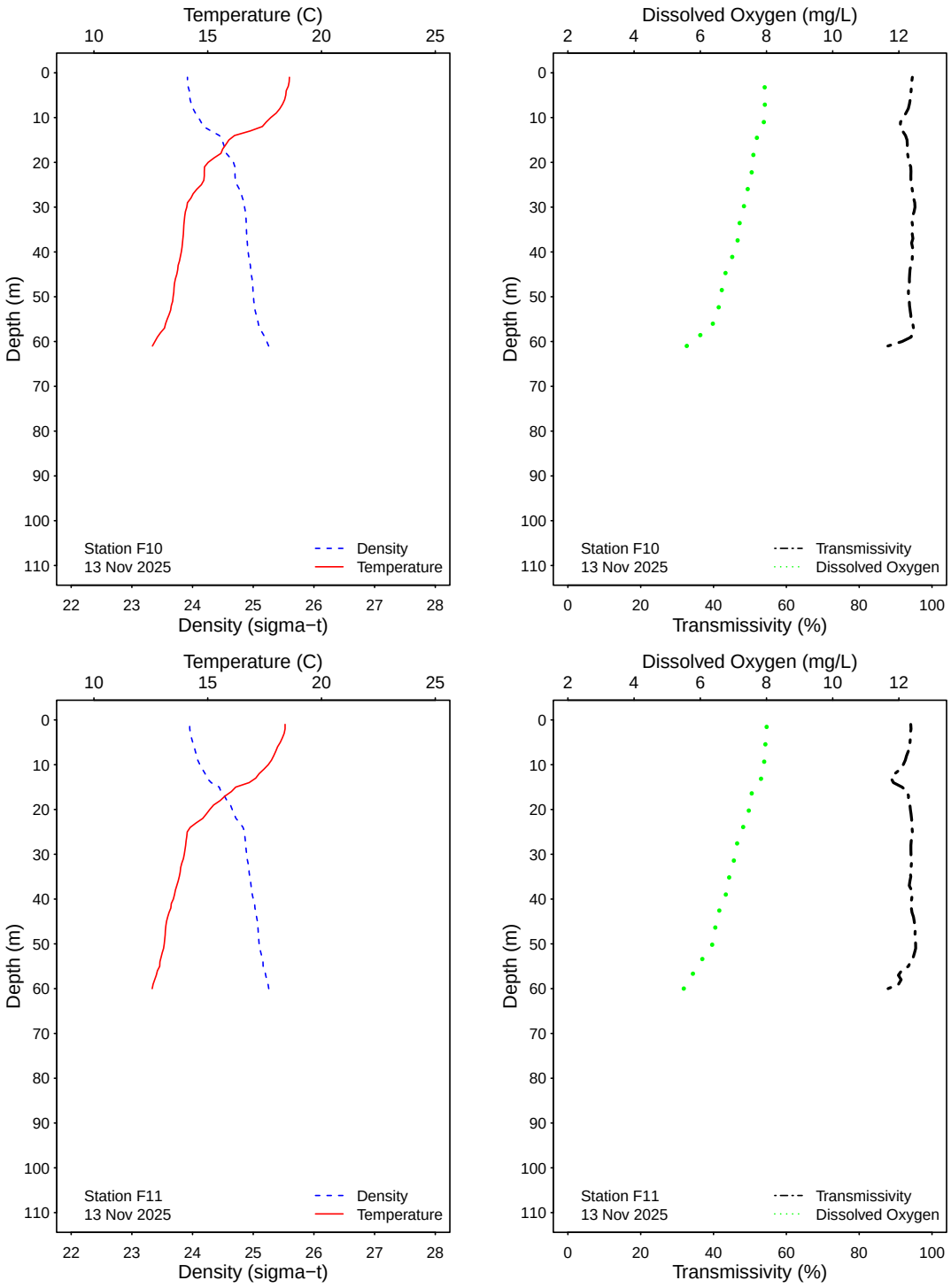
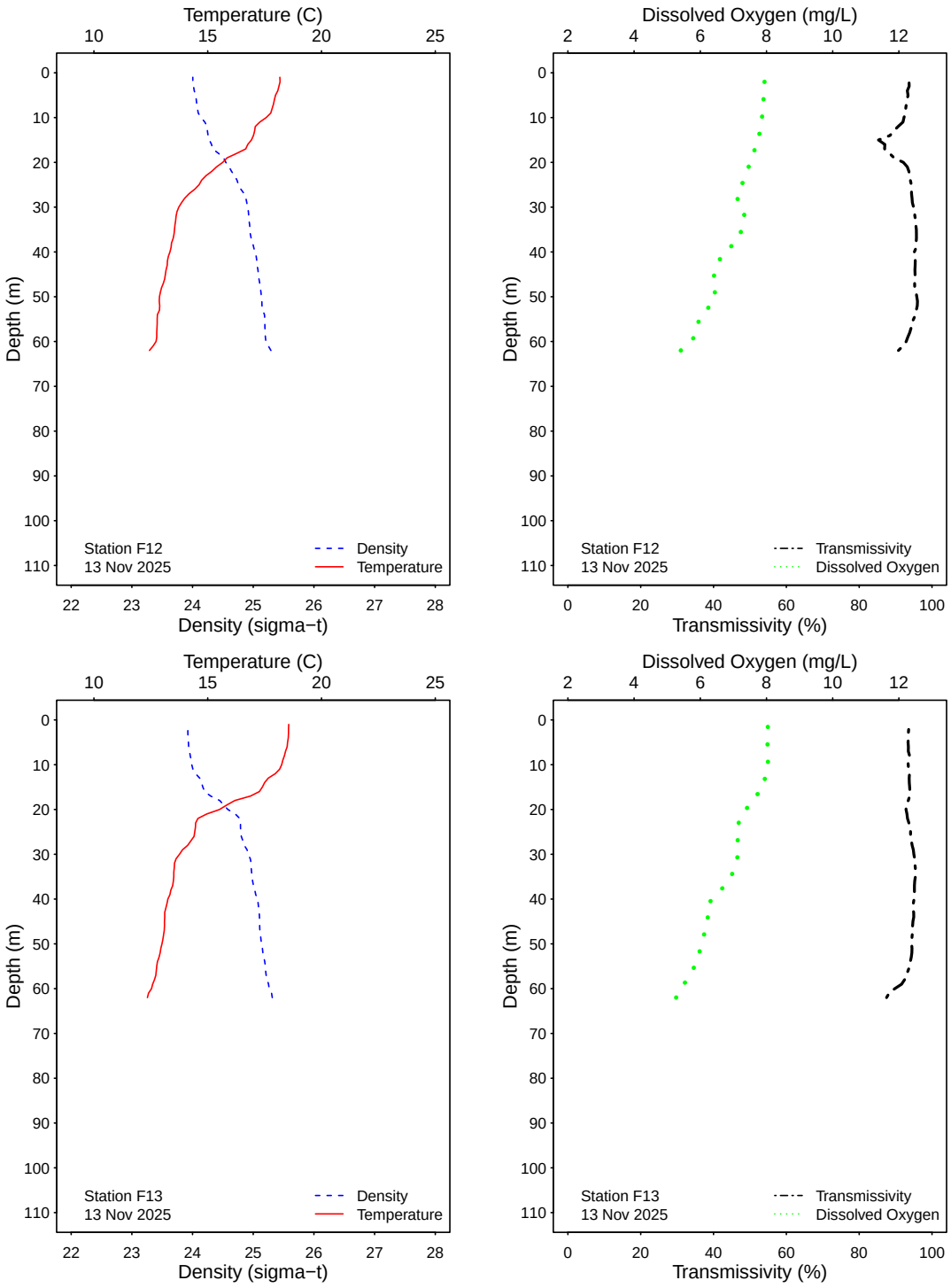


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.



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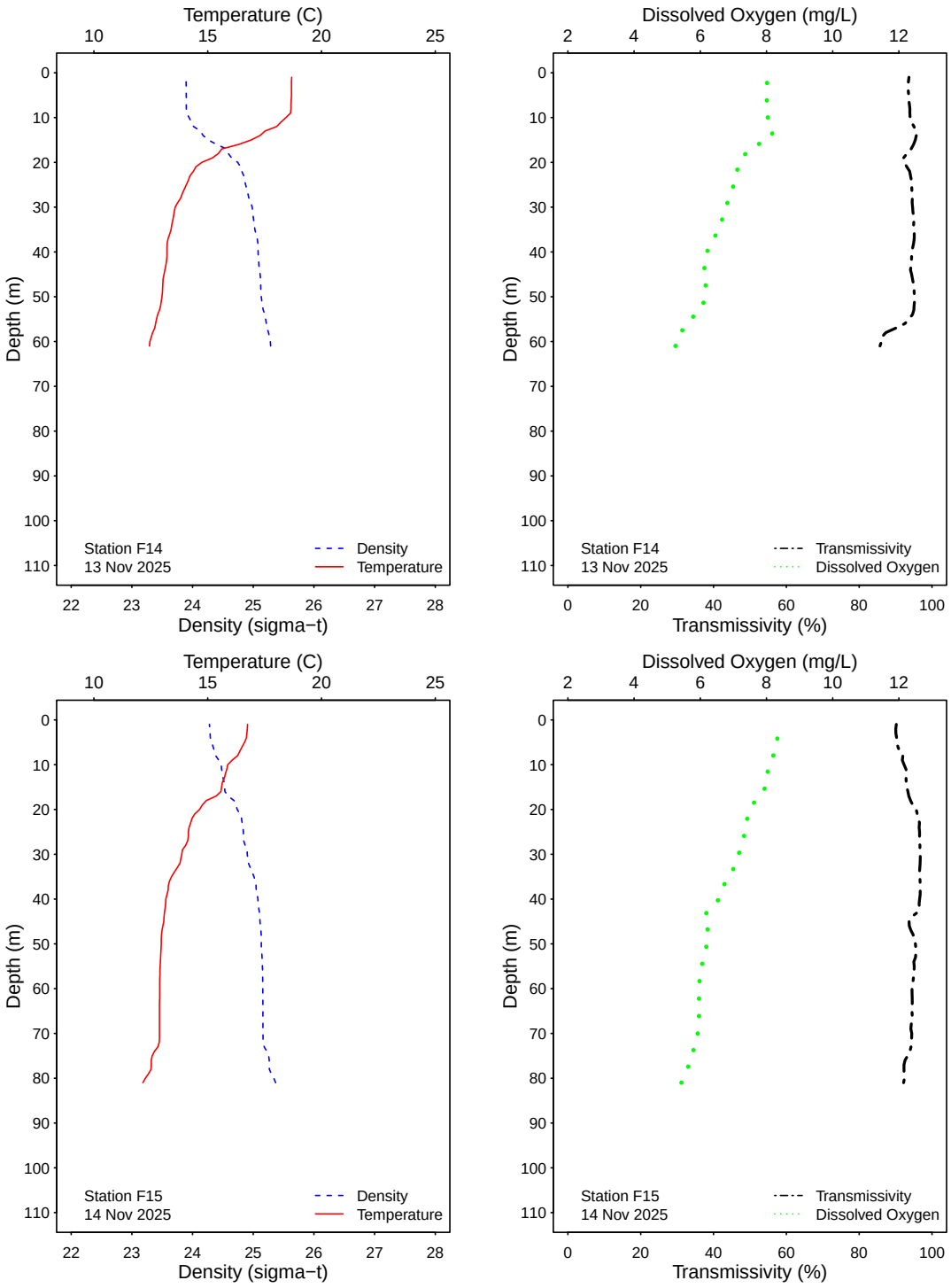


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

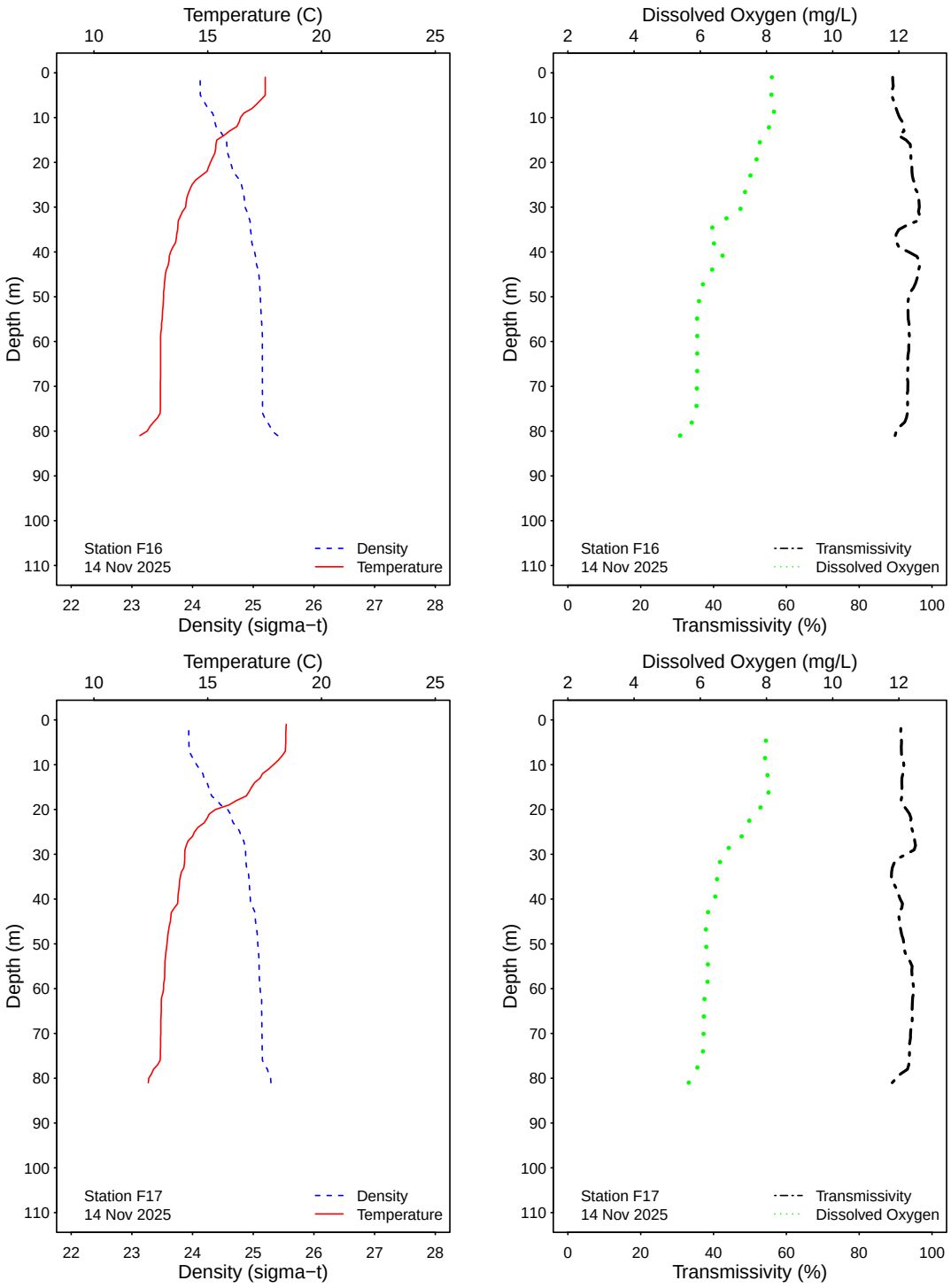


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

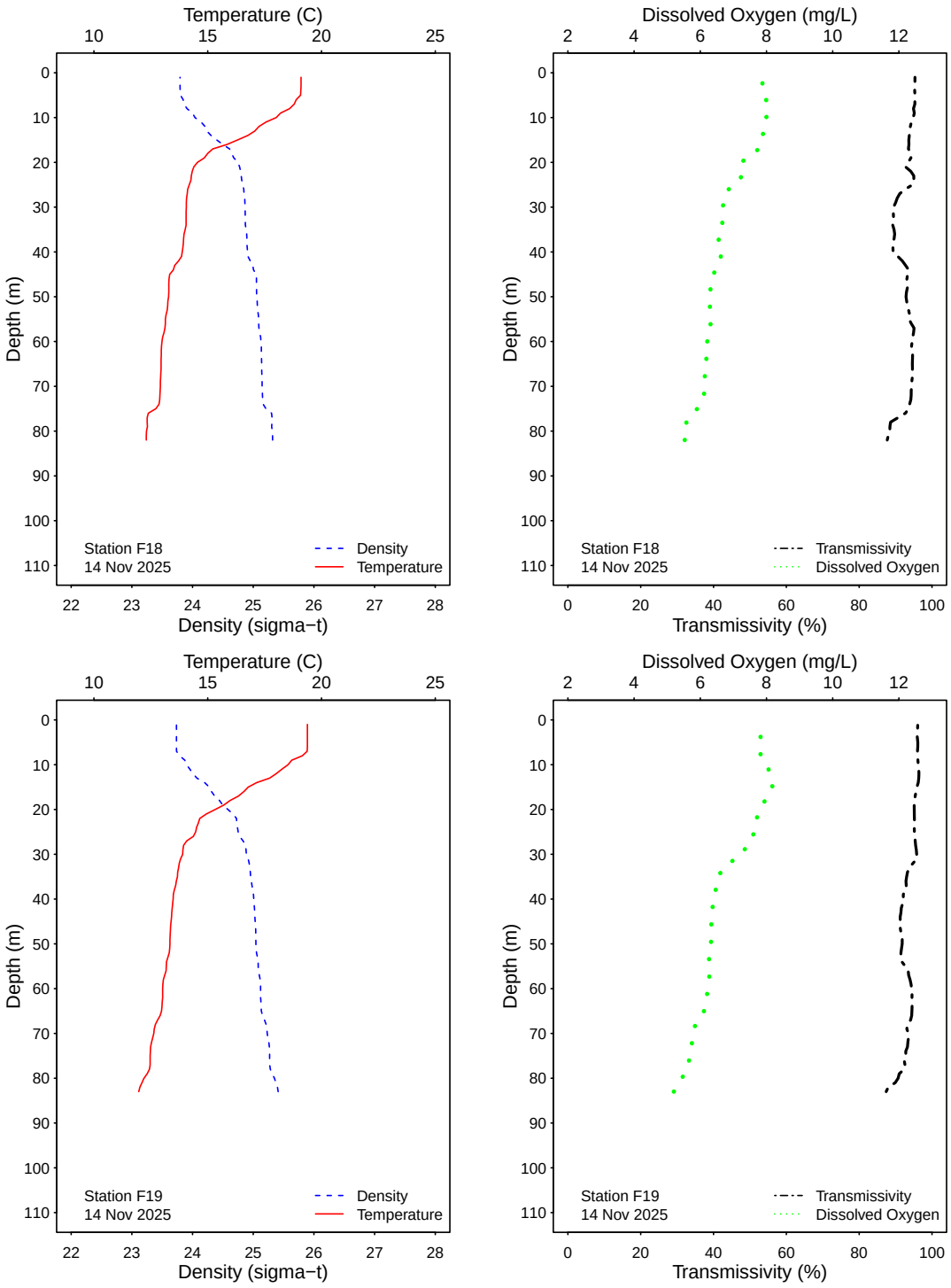


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

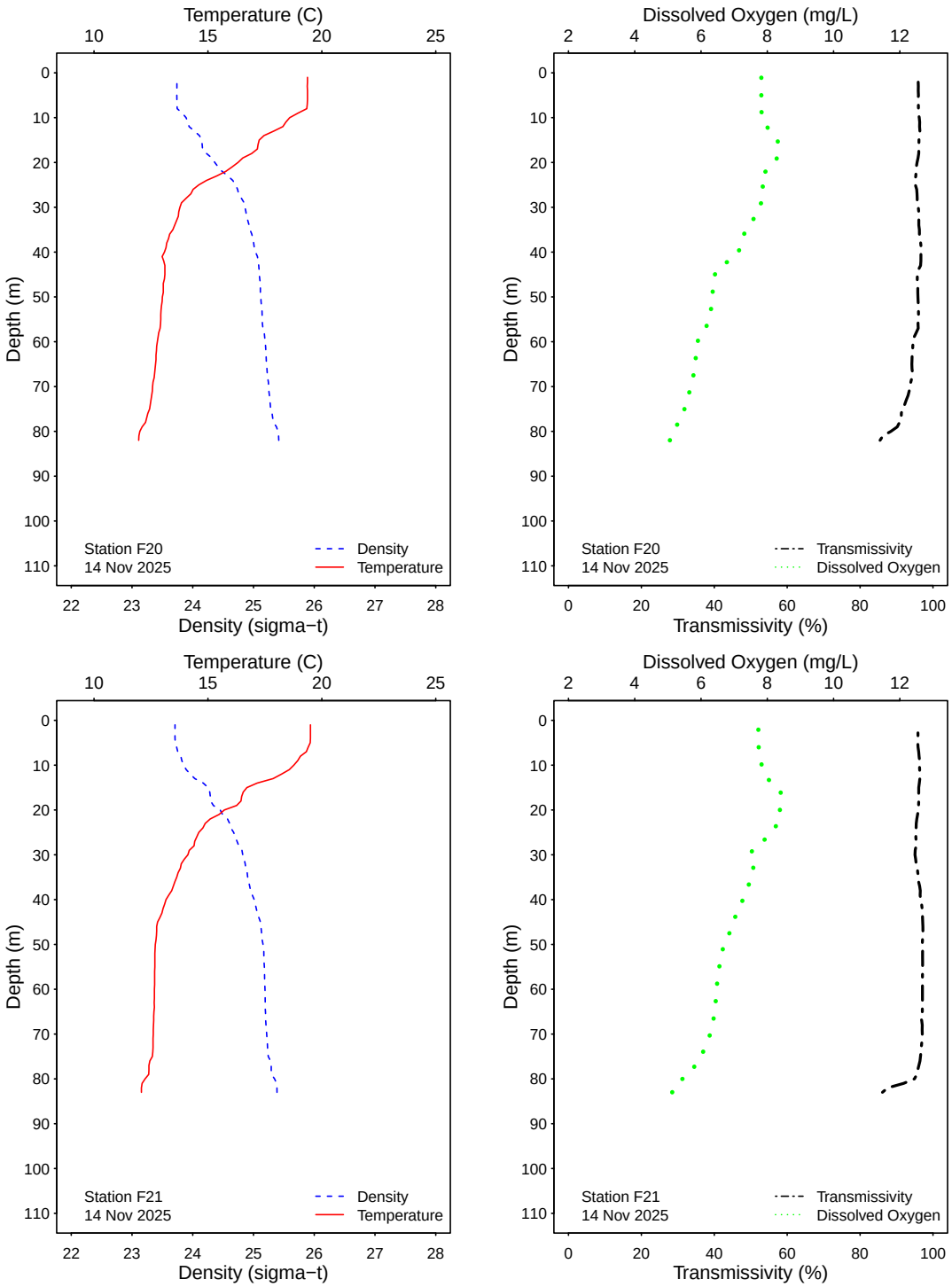
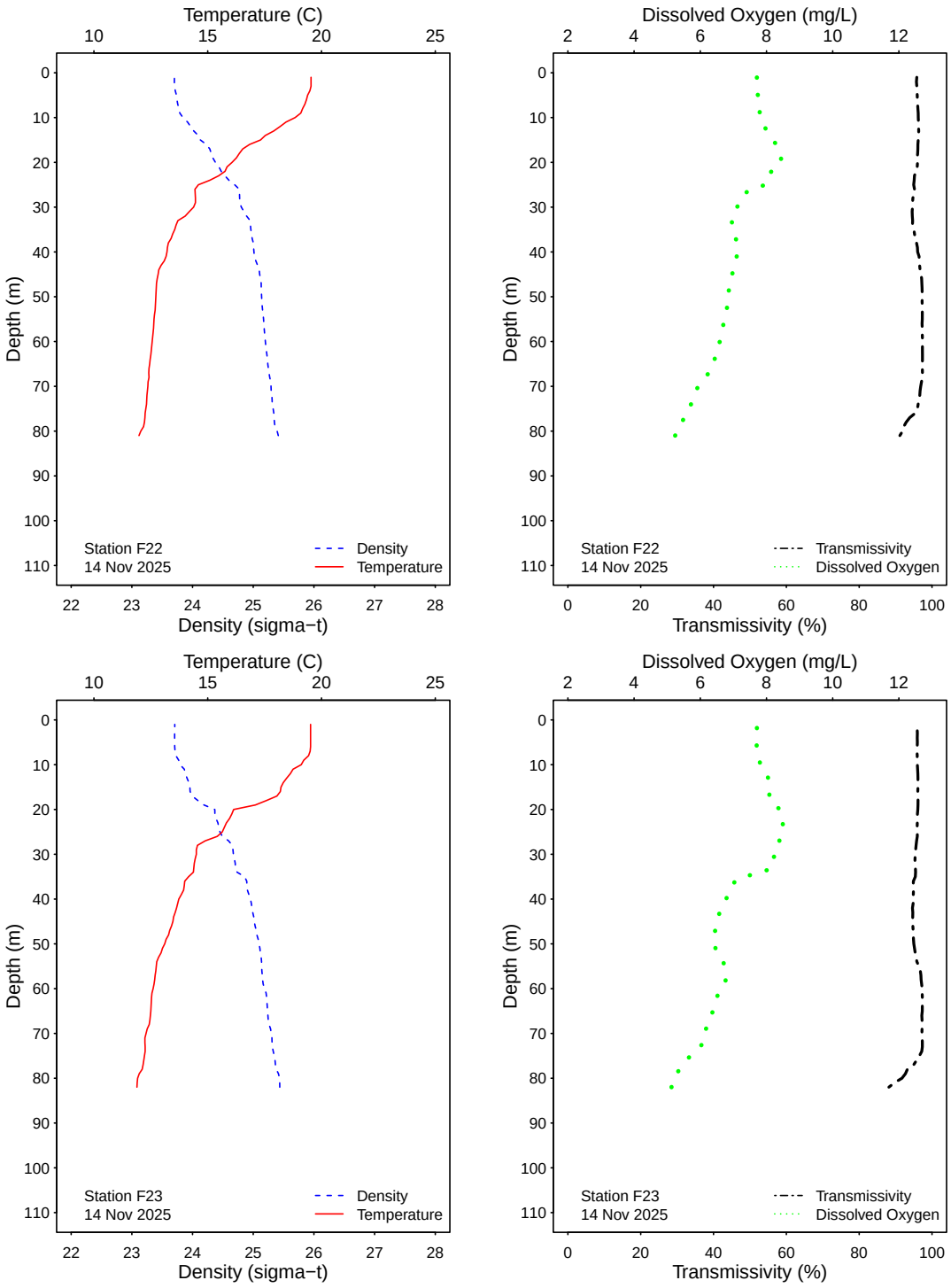


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.



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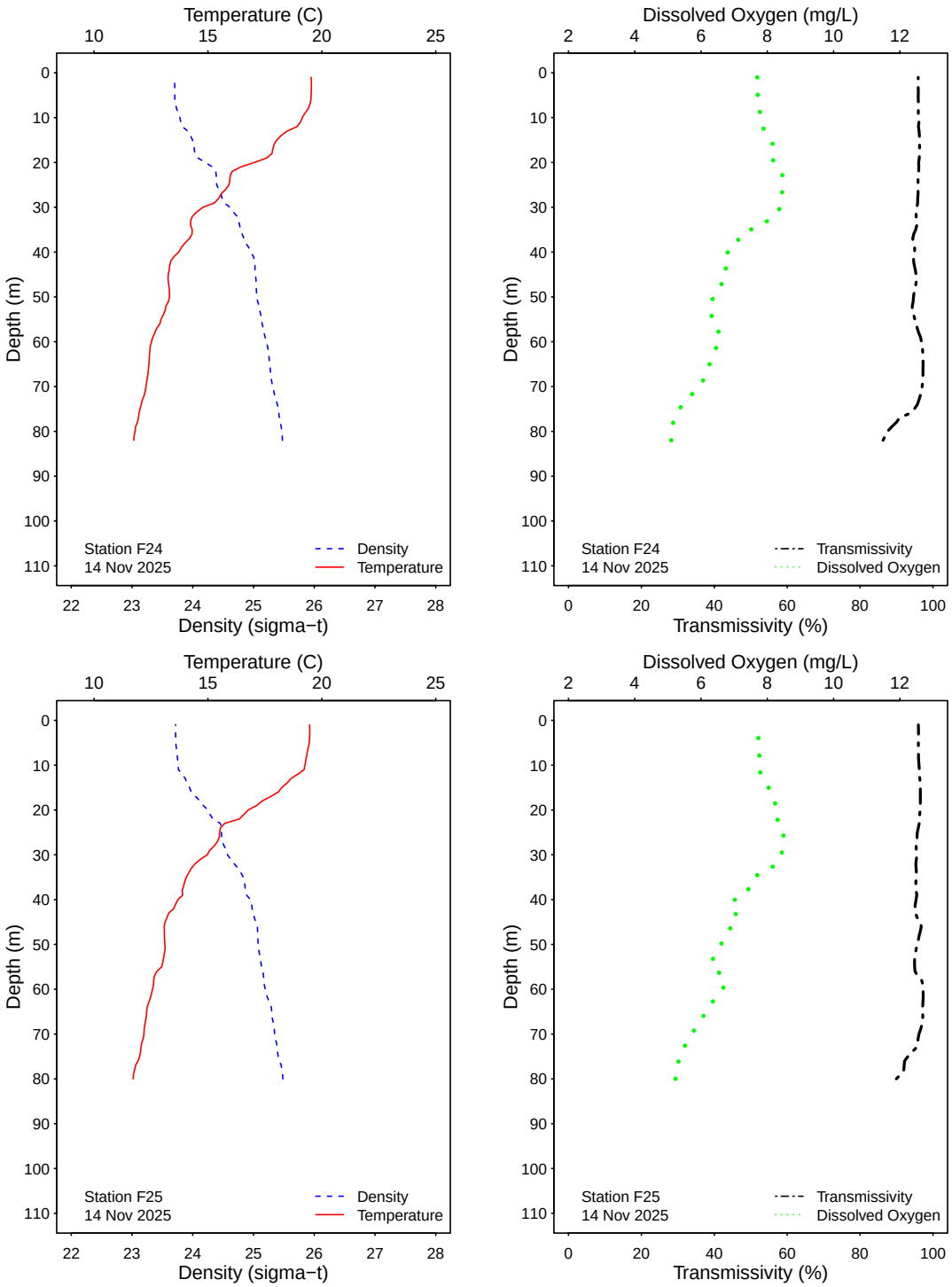

Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

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	12 Nov 2025	60	WT	LAB DUPLICATE	ns	ns	320
F17	14 Nov 2025	80	JF	LAB DUPLICATE	ns	ns	26
F01	13 Nov 2025	12	KT	LAB DUPLICATE	ns	ns	2
F29	12 Nov 2025	60	WT	LAB DUPLICATE	ns	ns	2
F18	14 Nov 2025	60	JF	LAB DUPLICATE	ns	ns	4
F07	13 Nov 2025	60	KT	LAB DUPLICATE	ns	ns	2
F30	12 Nov 2025	60	WT	LAB DUPLICATE	ns	ns	2
F19	14 Nov 2025	60	JF	LAB DUPLICATE	ns	ns	2
F08	13 Nov 2025	60	KT	LAB DUPLICATE	ns	ns	86
A7	03 Nov 2025	18	NCD	LAB DUPLICATE	2	2	2
A7	10 Nov 2025	18	NCD	LAB DUPLICATE	200	2	2
A7	17 Nov 2025	18	SS	LAB DUPLICATE	2	2	2
A7	25 Nov 2025	18	KT	LAB DUPLICATE	180	28	4
F31	12 Nov 2025	80	WT	LAB DUPLICATE	ns	ns	500
F20	14 Nov 2025	60	JF	LAB DUPLICATE	ns	ns	12
F32	12 Nov 2025	80	WT	LAB DUPLICATE	ns	ns	520
F21	14 Nov 2025	80	JF	LAB DUPLICATE	ns	ns	22
C7	03 Nov 2025	18	NCD	LAB DUPLICATE	12	2	2
C7	10 Nov 2025	18	NCD	LAB DUPLICATE	8	6	2
C7	17 Nov 2025	18	SS	LAB DUPLICATE	2	2	2
C7	25 Nov 2025	18	KT	LAB DUPLICATE	2	2	2
F11	13 Nov 2025	60	KT	LAB DUPLICATE	ns	ns	8
C8	03 Nov 2025	12	NCD	LAB DUPLICATE	2	2	2
C8	10 Nov 2025	12	NCD	LAB DUPLICATE	2	2	2
C8	17 Nov 2025	12	SS	LAB DUPLICATE	2	2	2
C8	25 Nov 2025	12	KT	LAB DUPLICATE	4	2	2
F34	12 Nov 2025	60	WT	LAB DUPLICATE	ns	ns	2
F02	13 Nov 2025	12	KT	LAB DUPLICATE	ns	ns	2
D12	05 Nov 2025		SS	FIELD DUPLICATE	60	6	16
D12	05 Nov 2025		SS	LAB DUPLICATE	20	4	8
D12	13 Nov 2025		JF	FIELD DUPLICATE	6	2	2
D12	13 Nov 2025		JF	LAB DUPLICATE	16	2	4
D12	19 Nov 2025		SS	FIELD DUPLICATE	220	56	26
D12	19 Nov 2025		SS	LAB DUPLICATE	120	42	38
D12	24 Nov 2025		KT	FIELD DUPLICATE	4	2	2
D12	24 Nov 2025		KT	LAB DUPLICATE	4	2	2

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	D9	D10	D11	D12
01 Nov 2025	2	2	4	4	4	7	9	4
02 Nov 2025	2	2	4	4	4	7	9	4
03 Nov 2025	2	2	4	4	4	7	9	4
04 Nov 2025	2	2	4	4	4	7	9	4
05 Nov 2025	2	2	3	6	4	5	10	5
06 Nov 2025	2	2	3	6	4	5	10	5
07 Nov 2025	2	2	3	6	4	5	10	5
08 Nov 2025	2	2	3	6	4	5	10	5
09 Nov 2025	2	2	3	6	4	5	10	5
10 Nov 2025	2	2	3	6	4	5	10	5
11 Nov 2025	2	2	3	6	4	5	10	5
12 Nov 2025	2	2	3	8	5	6	13	4
13 Nov 2025	2	2	3	6	4	5	10	4
14 Nov 2025	2	2	3	6	4	5	10	4
15 Nov 2025	2	2	3	6	4	5	10	4
16 Nov 2025	2	2	3	6	4	5	10	4
17 Nov 2025	2	2	3	6	4	5	10	4
18 Nov 2025	2	2	3	6	4	5	10	4
19 Nov 2025	2	2	2	7	3	6	8	6
20 Nov 2025	2	2	2	7	3	6	8	6
21 Nov 2025	2	2	2	7	3	6	8	6
22 Nov 2025	2	2	2	7	3	6	8	6
23 Nov 2025	2	2	2	7	3	6	8	6
24 Nov 2025	2	2	2	7	3	5	8	5
25 Nov 2025	2	2	2	7	3	5	8	5
26 Nov 2025	2	2	2	6	3	4	7	6
27 Nov 2025	2	2	2	6	3	4	7	6
28 Nov 2025	2	2	2	6	3	4	7	6
29 Nov 2025	2	2	2	6	3	4	7	6
30 Nov 2025	2	2	2	6	3	4	7	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	D9	D10	D11	D12
November	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	D9	D10	D11	D12
01 Nov 2025	*20	***200**	*30	***150**	*20	*50	***200**	*13
02 Nov 2025	*20	***200**	*30	***150**	*20	*50	***200**	*13
03 Nov 2025	*20	***200**	*30	***150**	*20	*50	***200**	*13
04 Nov 2025	*20	***200**	*30	***150**	*20	*50	***200**	*13
05 Nov 2025	20	**200**	20	**80**	20	40	**200**	20
06 Nov 2025	20	**200**	20	**80**	20	40	**200**	20
07 Nov 2025	*20	***110**	*16	*60	*20	*30	***110**	*13
08 Nov 2025	*20	***110**	*16	*60	*20	*30	***110**	*13
09 Nov 2025	*20	***110**	*16	*60	*20	*30	***110**	*13
10 Nov 2025	*20	***110**	*16	*60	*20	*30	***110**	*13
11 Nov 2025	*20	***110**	*16	*60	*20	*30	***110**	*13
12 Nov 2025	*20	***110**	*16	*60	*20	*30	***110**	*13
13 Nov 2025	20	20	12	40	20	20	20	10
14 Nov 2025	*20	*20	*8	*30	*19	*20	*20	*15
15 Nov 2025	*20	*20	*8	*30	*19	*20	*20	*15
16 Nov 2025	*20	*20	*8	*30	*19	*20	*20	*15
17 Nov 2025	*20	*20	*8	*30	*19	*20	*20	*15
18 Nov 2025	*20	*20	*8	*30	*19	*20	*20	*15
19 Nov 2025	20	20	12	40	20	20	20	20
20 Nov 2025	20	20	12	40	20	20	20	20
21 Nov 2025	*20	*20	*8	*30	*19	*30	*20	*15
22 Nov 2025	*20	*20	*8	*30	*19	*30	*20	*15
23 Nov 2025	*20	*20	*8	*30	*19	*30	*20	*15
24 Nov 2025	20	20	12	20	20	20	20	10
25 Nov 2025	20	20	12	20	20	20	20	10
26 Nov 2025	20	20	12	20	20	20	20	10
27 Nov 2025	20	20	12	20	20	20	20	10
28 Nov 2025	*20	*20	*12	*30	*29	*30	*20	*15
29 Nov 2025	*20	*20	*12	*30	*29	*30	*20	*15
30 Nov 2025	*20	*20	*12	*30	*29	*30	*20	*15

* 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	D9	D10	D11	D12
November	IC	IC	IC	IC	IC	IC	IC	IC

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

Kelp Stations

Table B.5

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Nov 2025	2	2	2	2	2	2	2	2
02 Nov 2025	2	2	2	2	2	2	2	2
03 Nov 2025	2	2	2	2	2	2	2	2
04 Nov 2025	2	2	2	2	2	2	2	2
05 Nov 2025	2	2	2	2	2	2	2	2
06 Nov 2025	2	2	2	2	2	2	2	2
07 Nov 2025	2	2	2	2	2	2	2	2
08 Nov 2025	2	2	2	2	2	2	2	2
09 Nov 2025	2	2	2	2	2	2	2	2
10 Nov 2025	2	2	2	2	2	2	2	2
11 Nov 2025	2	2	2	2	2	2	2	2
12 Nov 2025	2	2	2	2	2	2	2	2
13 Nov 2025	2	2	2	2	2	2	2	2
14 Nov 2025	2	2	2	2	2	2	2	2
15 Nov 2025	2	2	2	2	2	2	2	2
16 Nov 2025	2	2	2	2	2	2	2	2
17 Nov 2025	2	2	2	2	3	2	2	2
18 Nov 2025	2	2	2	2	3	2	2	2
19 Nov 2025	2	2	2	2	3	2	2	2
20 Nov 2025	2	2	2	2	3	2	2	2
21 Nov 2025	2	2	2	2	3	2	2	2
22 Nov 2025	2	2	2	2	3	2	2	2
23 Nov 2025	2	2	2	2	3	2	2	2
24 Nov 2025	2	2	2	2	3	2	2	2
25 Nov 2025	2	2	2	2	3	2	2	2
26 Nov 2025	2	2	2	2	3	2	2	2
27 Nov 2025	2	2	2	2	3	2	2	2
28 Nov 2025	2	2	2	2	3	2	2	2
29 Nov 2025	2	2	2	2	3	2	2	2
30 Nov 2025	2	2	2	2	3	2	2	2

* Geometric mean calculated using n<5

Table B.6

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
November	IC	IC	IC	IC	IC	IC	IC	IC

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

Table B.7

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

	A1			A6			A7			C4			C5			C6			C7			C8		
Date	1m	12m	18m	1m	12m	18m	1m	12m	18m	1m	3m	9m	1m	3m	9m	1m	3m	9m	1m	12m	18m	1m	12m	18m
01 Nov 2025	*2	*4	*12	*2	*10	*28	*2	*4	***78**	*11	*2	*2	*11	*13	*3	*2	*2	*8	*2	*2	*5	*11	*3	*8
02 Nov 2025	*2	*4	*12	*2	*10	*28	*2	*4	***78**	*11	*2	*2	*11	*13	*3	*2	*2	*8	*2	*2	*5	*11	*3	*8
03 Nov 2025	2	2	10	2	6	22	2	2	16	2	2	2	4	6	4	2	2	2	2	2	2	2	2	4
04 Nov 2025	2	2	10	2	6	22	2	2	16	2	2	2	4	6	4	2	2	2	2	2	2	2	2	4
05 Nov 2025	2	2	10	2	6	22	2	2	16	2	2	2	4	6	4	2	2	2	2	2	2	2	2	4
06 Nov 2025	*2	*2	*7	*2	*5	*19	*2	*2	*15	*2	*2	*2	*12	*13	*12	*2	*2	*2	*2	*2	*2	*2	*2	*9
07 Nov 2025	*2	*2	*7	*2	*5	*19	*2	*2	*15	*2	*2	*2	*12	*13	*12	*2	*2	*2	*2	*2	*2	*2	*2	*9
08 Nov 2025	*2	*2	*7	*2	*5	*19	*2	*2	*15	*2	*2	*2	*12	*13	*12	*2	*2	*2	*2	*2	*2	*2	*2	*9
09 Nov 2025	*2	*2	*7	*2	*5	*19	*2	*2	*15	*2	*2	*2	*12	*13	*12	*2	*2	*2	*2	*2	*2	*2	*2	*9
10 Nov 2025	2	2	4	2	6	22	2	2	16	2	2	2	4	6	4	2	2	2	2	2	2	2	2	8
11 Nov 2025	2	2	4	2	6	22	2	2	16	2	2	2	4	6	4	2	2	2	2	2	2	2	2	8
12 Nov 2025	2	2	4	2	6	22	2	2	16	2	2	2	4	6	4	2	2	2	2	2	2	2	2	8
13 Nov 2025	2	2	4	2	6	22	2	2	16	2	2	2	4	6	4	2	2	2	2	2	2	2	2	8
14 Nov 2025	*2	*2	*3	*2	*5	*19	*3	*2	*15	*2	*2	*2	*3	*4	*3	*2	*2	*2	*2	*2	*16	*2	*2	*6
15 Nov 2025	*2	*2	*3	*2	*5	*19	*3	*2	*15	*2	*2	*2	*3	*4	*3	*2	*2	*2	*2	*2	*16	*2	*2	*6
16 Nov 2025	*2	*2	*3	*2	*5	*19	*3	*2	*15	*2	*2	*2	*3	*4	*3	*2	*2	*2	*2	*2	*16	*2	*2	*6
17 Nov 2025	2	2	4	2	4	16	4	2	14	2	2	2	4	6	4	2	2	2	2	2	2	2	2	4
18 Nov 2025	2	2	4	2	4	16	4	2	14	2	2	2	4	6	4	2	2	2	2	2	2	2	2	4
19 Nov 2025	2	2	4	2	4	16	4	2	14	2	2	2	4	6	4	2	2	2	2	2	2	2	2	4
20 Nov 2025	*2	*2	*6	*2	*3	*9	*4	*3	*8	*2	*2	*2	*12	*11	*12	*2	*2	*2	*2	*2	*16	*2	*2	*6
21 Nov 2025	*2	*2	*6	*2	*3	*9	*4	*3	*8	*2	*2	*2	*12	*11	*12	*2	*2	*2	*2	*2	*16	*2	*2	*6
22 Nov 2025	*2	*2	*6	*2	*3	*9	*4	*3	*8	*2	*2	*2	*12	*11	*12	*2	*2	*2	*2	*2	*16	*2	*2	*6
23 Nov 2025	*2	*2	*6	*2	*3	*9	*4	*3	*8	*2	*2	*2	*12	*11	*12	*2	*2	*2	*2	*2	*16	*2	*2	*6
24 Nov 2025	*2	*2	*6	*2	*3	*9	*4	*3	*8	*2	*2	*2	*12	*11	*12	*2	*2	*2	*2	*2	*16	*2	*2	*6
25 Nov 2025	2	2	2	2	4	4	4	2	14	2	2	2	4	2	20	2	2	2	2	2	2	2	2	8
26 Nov 2025	*2	*3	*2	*2	*7	*3	*3	*2	***101**	*2	*2	*3	*4	*2	*20	*2	*2	*2	*3	*2	*2	*3	*3	*6
27 Nov 2025	*2	*3	*2	*2	*7	*3	*3	*2	***101**	*2	*2	*3	*4	*2	*20	*2	*2	*2	*3	*2	*2	*3	*3	*6
28 Nov 2025	*2	*3	*2	*2	*7	*3	*3	*2	***101**	*2	*2	*3	*4	*2	*20	*2	*2	*2	*3	*2	*2	*3	*3	*6
29 Nov 2025	*2	*3	*2	*2	*7	*3	*3	*2	***101**	*2	*2	*3	*4	*2	*20	*2	*2	*2	*3	*2	*2	*3	*3	*6
30 Nov 2025	*2	*3	*2	*2	*7	*3	*3	*2	***101**	*2	*2	*3	*4	*2	*20	*2	*2	*2	*3	*2	*2	*3	*3	*6

* Median calculated using n<5

Table B.8

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

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

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
November	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC

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

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