

POINT LOMA OCEAN OUTFALL MONTHLY RECEIVING WATERS MONITORING REPORT

POINT LOMA WASTEWATER TREATMENT PLANT

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

AUGUST 2025

Environmental Monitoring and Technical Services
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September 30, 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 August 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, 1987²) is used to statistically compare both the results from the laboratory duplicates, as well as the results from the field duplicates. These data will be further analyzed in the City's 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 August 6, 13, 20, and 27.
- During the August 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 August.
- 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 August 4, 11, 18, 26.
- During the August 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 12.63 to 22.77°C. The difference between surface and bottom waters ranged from 2.56 to 8.56°C.
- Chlorophyll *a* concentrations ranged from 0.33 to 11.73 µg/L.
- Nothing of sewage origin was observed at any of the PLOO kelp stations in August.

Offshore Stations

- Quarterly offshore water quality sampling was conducted on August 12, 13, and 14.
- During the August report period, two of the 15 offshore stations located within State jurisdictional waters (i.e., F01–F03, F06–F14, F18–F20) were out of compliance with the various 2015 Ocean Plan water contact standards on one or more days as follows.
 - The SSM standard for *Enterococcus* was exceeded at stations F18 and F19.
- Of the remaining 21 offshore stations, elevated densities of *Enterococcus* bacteria (i.e., >104 CFU/100 mL) were detected at stations F22, F23, F24, F 25, F30, F31, F32, and F33 at depths ≥ 80 meters.
- Water column temperatures ranged from 10.54 to 21.56°C. The difference between surface and bottom waters ranged from 5.99 to 10.79°C.
- Chlorophyll *a* concentrations ranged from 0.08 to 5.02 µg/L at the offshore stations.
- Nothing of sewage origin was observed at any of the PLOO offshore stations in August.
- CDOM data are available upon request.



TABLES AND FIGURES

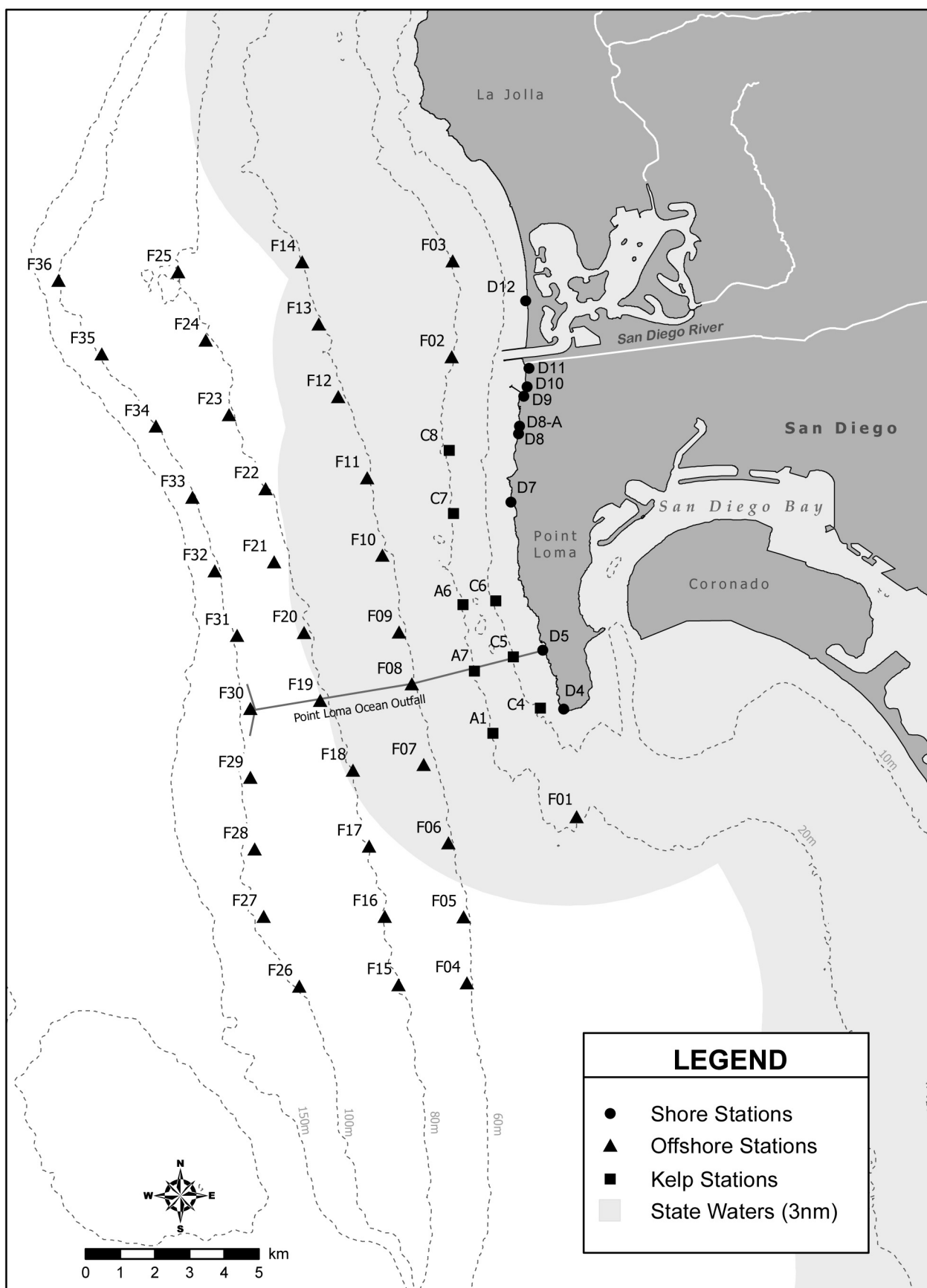


Figure 1.1 Station Map

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

* 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
06 Aug 2025	IC	IC	IC	IC	IC	IC	IC	IC
13 Aug 2025	IC	IC	IC	IC	IC	IC	IC	IC
20 Aug 2025	IC	IC	IC	IC	IC	IC	IC	IC
27 Aug 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 Aug 2025	*2	*2	*3	*3	*2	*3	*11	*2
02 Aug 2025	*2	*2	*3	*3	*2	*3	*11	*2
03 Aug 2025	*2	*2	*3	*3	*2	*3	*11	*2
04 Aug 2025	*2	*2	*3	*3	*2	*3	*11	*2
05 Aug 2025	*2	*2	*3	*3	*2	*3	*11	*2
06 Aug 2025	2	2	3	3	2	4	13	2
07 Aug 2025	2	2	3	3	2	4	13	2
08 Aug 2025	*2	*2	*3	*3	*2	*3	*15	*2
09 Aug 2025	*2	*2	*3	*3	*2	*3	*15	*2
10 Aug 2025	*2	*2	*3	*3	*2	*3	*15	*2
11 Aug 2025	*2	*2	*3	*3	*2	*3	*15	*2
12 Aug 2025	*2	*2	*3	*3	*2	*3	*15	*2
13 Aug 2025	2	2	3	3	2	3	20	2
14 Aug 2025	2	2	3	3	2	3	20	2
15 Aug 2025	*2	*2	*3	*3	*2	*3	*15	*2
16 Aug 2025	*2	*2	*3	*3	*2	*3	*15	*2
17 Aug 2025	*2	*2	*3	*3	*2	*3	*15	*2
18 Aug 2025	*2	*2	*3	*3	*2	*3	*15	*2
19 Aug 2025	*2	*2	*3	*3	*2	*3	*15	*2
20 Aug 2025	2	2	3	4	2	4	13	2
21 Aug 2025	2	2	3	4	2	4	13	2
22 Aug 2025	*2	*2	*2	*4	*2	*5	*13	*3
23 Aug 2025	*2	*2	*2	*4	*2	*5	*13	*3
24 Aug 2025	*2	*2	*2	*4	*2	*5	*13	*3
25 Aug 2025	*2	*2	*2	*4	*2	*5	*13	*3
26 Aug 2025	*2	*2	*2	*4	*2	*5	*13	*3
27 Aug 2025	2	2	2	3	2	4	9	2
28 Aug 2025	2	2	2	3	2	4	9	2
29 Aug 2025	*2	*2	*2	*4	*2	*5	*13	*3
30 Aug 2025	*2	*2	*2	*4	*2	*5	*13	*3
31 Aug 2025	*2	*2	*2	*4	*2	*5	*13	*3

* Geometric mean calculated using $n < 5$

Table 2.4

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

Date	D4	D5	D7	D8	D9	D10	D11	D12
06 Aug 2025	IC	IC	IC	IC	IC	IC	IC	IC
13 Aug 2025	IC	IC	IC	IC	IC	IC	IC	IC
20 Aug 2025	IC	IC	IC	IC	IC	IC	IC	IC
27 Aug 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 Aug 2025	*11	*20	*200	*63	*39	*13	*63	*15
02 Aug 2025	*11	*20	*200	*63	*39	*13	*63	*15
03 Aug 2025	*11	*20	*200	*63	*39	*13	*63	*15
04 Aug 2025	*11	*20	*200	*63	*39	*13	*63	*15
05 Aug 2025	*11	*20	*200	*63	*39	*13	*63	*15
06 Aug 2025	13	23	126	66	38	17	69	16
07 Aug 2025	13	23	126	66	38	17	69	16
08 Aug 2025	*11	*24	*112	*50	*38	*16	*95	*15
09 Aug 2025	*11	*24	*112	*50	*38	*16	*95	*15
10 Aug 2025	*11	*24	*112	*50	*38	*16	*95	*15
11 Aug 2025	*11	*24	*112	*50	*38	*16	*95	*15
12 Aug 2025	*11	*24	*112	*50	*38	*16	*95	*15
13 Aug 2025	13	23	80	42	48	17	86	16
14 Aug 2025	13	23	80	42	48	17	86	16
15 Aug 2025	*20	*24	*63	*50	*63	*24	*70	*15
16 Aug 2025	*20	*24	*63	*50	*63	*24	*70	*15
17 Aug 2025	*20	*24	*63	*50	*63	*24	*70	*15
18 Aug 2025	*20	*24	*63	*50	*63	*24	*70	*15
19 Aug 2025	*20	*24	*63	*50	*63	*24	*70	*15
20 Aug 2025	32	36	80	48	62	32	54	16
21 Aug 2025	32	36	80	48	62	32	54	16
22 Aug 2025	*36	*42	*63	*34	*48	*36	*39	*15
23 Aug 2025	*36	*42	*63	*34	*48	*36	*39	*15
24 Aug 2025	*36	*42	*63	*34	*48	*36	*39	*15
25 Aug 2025	*36	*42	*63	*34	*48	*36	*39	*15
26 Aug 2025	*36	*42	*63	*34	*48	*36	*39	*15
27 Aug 2025	32	36	50	30	45	47	31	12
28 Aug 2025	32	36	50	30	45	47	31	12
29 Aug 2025	*36	*42	*36	*34	*54	*58	*35	*15
30 Aug 2025	*36	*42	*36	*34	*54	*58	*35	*15
31 Aug 2025	*36	*42	*36	*34	*54	*58	*35	*15

* 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
06 Aug 2025	IC	IC	IC	IC	IC	IC	IC	IC
13 Aug 2025	IC	IC	IC	IC	IC	IC	IC	IC
20 Aug 2025	IC	IC	IC	IC	IC	IC	IC	IC
27 Aug 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
06 Aug 2025	IC	IC	IC	IC	IC	IC	IC	IC
13 Aug 2025	IC	IC	IC	IC	IC	IC	IC	IC
20 Aug 2025	IC	IC	IC	IC	IC	IC	IC	IC
27 Aug 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	06 Aug 2025	854	40e	20e	8e
D10	13 Aug 2025	853	20e	<2	2e
D10	20 Aug 2025	733	100e	18e	14e
D10	27 Aug 2025	848	140e	6e	<2
D11	06 Aug 2025	842	100e	60e	28e
D11	13 Aug 2025	836	60e	<20	56
D11	20 Aug 2025	723	20e	6e	8e
D11	27 Aug 2025	900	12e	2e	2e
D12	06 Aug 2025	816	20e	2e	<2
D12	13 Aug 2025	811	<20	<2	<2
D12	20 Aug 2025	706	<20	20e	6e
D12	27 Aug 2025	926	6e	<2	2e
D4	06 Aug 2025	1029	<20	<2	<2
D4	13 Aug 2025	1043	<20	<2	<2
D4	20 Aug 2025	852	<200	<20	<2
D4	27 Aug 2025	728	<20	8e	<2
D5	06 Aug 2025	1015	40e	<2	<2
D5	13 Aug 2025	1003	<20	<2	<2
D5	20 Aug 2025	839	<200	<20	<2
D5	27 Aug 2025	710	<20	<2	<2
D7	06 Aug 2025	937	20e	<2	4e
D7	13 Aug 2025	936	<20	<2	<2
D7	20 Aug 2025	813	<200	<2	<2
D7	27 Aug 2025	808	<20	2e	<2
D8	06 Aug 2025	923	80e	<2	<2
D8	13 Aug 2025	924	20e	<2	<2
D8	20 Aug 2025	758	40e	8e	<20
D8	27 Aug 2025	824	20e	<2	2e
D9	06 Aug 2025	908	36e	<2	2e
D9	13 Aug 2025	906	120e	<2	<2
D9	20 Aug 2025	741	60e	2e	<2
D9	27 Aug 2025	838	34e	<2	<2

ns = not sampled

ND = no data

Comments

date	station	depth	parmcode	comments
13-Aug-2025				Lab accident on mFC neg ctrl. Passed follow-up testing. Samples likely unaffected. (BS 8/18/2025)

Table 2.9

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

Station	Date	Parameter	Value
D4	06 Aug 2025	Arrive Time	1029
D4	06 Aug 2025	Wind Speed (kts)	4.2
D4	06 Aug 2025	Wind Dir	SW
D4	06 Aug 2025	Animal Life	
D4	06 Aug 2025	Floatables	
D4	06 Aug 2025	Current Direction	S
D4	06 Aug 2025	Water Temp (C)	22.6
D4	06 Aug 2025	High Tide Time	911
D4	06 Aug 2025	Low Tide Time	247
D4	06 Aug 2025	Comments	Water clear; Trash-4; Kelp;Seagrass;Algae;Debris
D4	13 Aug 2025	Arrive Time	1043
D4	13 Aug 2025	Wind Speed (kts)	4.2
D4	13 Aug 2025	Wind Dir	SW
D4	13 Aug 2025	Animal Life	
D4	13 Aug 2025	Floatables	
D4	13 Aug 2025	Current Direction	S
D4	13 Aug 2025	Water Temp (C)	18.9
D4	13 Aug 2025	High Tide Time	1238
D4	13 Aug 2025	Low Tide Time	616
D4	13 Aug 2025	Comments	Water clear; Trash-5; Kelp;Seagrass;Debris
D4	20 Aug 2025	Arrive Time	852
D4	20 Aug 2025	Wind Speed (kts)	0
D4	20 Aug 2025	Wind Dir	XX
D4	20 Aug 2025	Animal Life	
D4	20 Aug 2025	Floatables	
D4	20 Aug 2025	Current Direction	NE
D4	20 Aug 2025	Water Temp (C)	20.5
D4	20 Aug 2025	High Tide Time	851
D4	20 Aug 2025	Low Tide Time	230
D4	20 Aug 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris
D4	27 Aug 2025	Arrive Time	728
D4	27 Aug 2025	Wind Speed (kts)	0.5
D4	27 Aug 2025	Wind Dir	W
D4	27 Aug 2025	Animal Life	
D4	27 Aug 2025	Floatables	
D4	27 Aug 2025	Current Direction	S
D4	27 Aug 2025	Water Temp (C)	19.1
D4	27 Aug 2025	High Tide Time	1200
D4	27 Aug 2025	Low Tide Time	544
D4	27 Aug 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae; Survey was completed by Bryan Santos based on Fields Observation Data Sheet completed by Mariel Rosales due to not having the iPad during sampling.
D5	06 Aug 2025	Arrive Time	1015
D5	06 Aug 2025	Wind Speed (kts)	4.2
D5	06 Aug 2025	Wind Dir	W
D5	06 Aug 2025	Animal Life	
D5	06 Aug 2025	Floatables	
D5	06 Aug 2025	Current Direction	S
D5	06 Aug 2025	Water Temp (C)	20.4
D5	06 Aug 2025	High Tide Time	911
D5	06 Aug 2025	Low Tide Time	247

Station	Date	Parameter	Value
D5	06 Aug 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D5	13 Aug 2025	Arrive Time	1003
D5	13 Aug 2025	Wind Speed (kts)	0.9
D5	13 Aug 2025	Wind Dir	SW
D5	13 Aug 2025	Animal Life	
D5	13 Aug 2025	Floatables	
D5	13 Aug 2025	Current Direction	S
D5	13 Aug 2025	Water Temp (C)	20.7
D5	13 Aug 2025	High Tide Time	1238
D5	13 Aug 2025	Low Tide Time	616
D5	13 Aug 2025	Comments	Water clear; Trash-1; Kelp;Seagrass
D5	20 Aug 2025	Arrive Time	839
D5	20 Aug 2025	Wind Speed (kts)	0
D5	20 Aug 2025	Wind Dir	XX
D5	20 Aug 2025	Animal Life	
D5	20 Aug 2025	Floatables	
D5	20 Aug 2025	Current Direction	NE
D5	20 Aug 2025	Water Temp (C)	21.1
D5	20 Aug 2025	High Tide Time	851
D5	20 Aug 2025	Low Tide Time	230
D5	20 Aug 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris; Sewage-like odor
D5	27 Aug 2025	Arrive Time	710
D5	27 Aug 2025	Wind Speed (kts)	0
D5	27 Aug 2025	Wind Dir	XX
D5	27 Aug 2025	Animal Life	
D5	27 Aug 2025	Floatables	
D5	27 Aug 2025	Current Direction	S
D5	27 Aug 2025	Water Temp (C)	19.9
D5	27 Aug 2025	High Tide Time	1200
D5	27 Aug 2025	Low Tide Time	544
D5	27 Aug 2025	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae; Survey was completed by Bryan Santos based on Fields Observation Data Sheet completed by Mariel Rosales due to not having the iPad during sampling.
D7	06 Aug 2025	Arrive Time	937
D7	06 Aug 2025	Wind Speed (kts)	0
D7	06 Aug 2025	Wind Dir	SW
D7	06 Aug 2025	Animal Life	
D7	06 Aug 2025	Floatables	
D7	06 Aug 2025	Current Direction	S
D7	06 Aug 2025	Water Temp (C)	21.8
D7	06 Aug 2025	High Tide Time	911
D7	06 Aug 2025	Low Tide Time	247
D7	06 Aug 2025	Comments	Water clear; Surfer/Paddle boarder-2; Trash-1; Kelp;Algae
D7	13 Aug 2025	Arrive Time	936
D7	13 Aug 2025	Wind Speed (kts)	0
D7	13 Aug 2025	Wind Dir	SW
D7	13 Aug 2025	Animal Life	
D7	13 Aug 2025	Floatables	
D7	13 Aug 2025	Current Direction	S
D7	13 Aug 2025	Water Temp (C)	20.9
D7	13 Aug 2025	High Tide Time	1238
D7	13 Aug 2025	Low Tide Time	616
D7	13 Aug 2025	Comments	Water clear; Surfer/Paddle boarder-8; Trash-1; Kelp;Sea-grass;Algae

Station	Date	Parameter	Value
D7	20 Aug 2025	Arrive Time	813
D7	20 Aug 2025	Wind Speed (kts)	0
D7	20 Aug 2025	Wind Dir	XX
D7	20 Aug 2025	Animal Life	
D7	20 Aug 2025	Floatables	
D7	20 Aug 2025	Current Direction	NE
D7	20 Aug 2025	Water Temp (C)	20.8
D7	20 Aug 2025	High Tide Time	851
D7	20 Aug 2025	Low Tide Time	230
D7	20 Aug 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris
D7	27 Aug 2025	Arrive Time	808
D7	27 Aug 2025	Wind Speed (kts)	0
D7	27 Aug 2025	Wind Dir	XX
D7	27 Aug 2025	Animal Life	
D7	27 Aug 2025	Floatables	
D7	27 Aug 2025	Current Direction	S
D7	27 Aug 2025	Water Temp (C)	21.1
D7	27 Aug 2025	High Tide Time	1200
D7	27 Aug 2025	Low Tide Time	544
D7	27 Aug 2025	Comments	Water clear; Surfer/Paddle boarder-2; Trash-1; Kelp;Sea-grass;Algae
D8	06 Aug 2025	Arrive Time	923
D8	06 Aug 2025	Wind Speed (kts)	2.3
D8	06 Aug 2025	Wind Dir	W
D8	06 Aug 2025	Animal Life	
D8	06 Aug 2025	Floatables	
D8	06 Aug 2025	Current Direction	S
D8	06 Aug 2025	Water Temp (C)	23.2
D8	06 Aug 2025	High Tide Time	911
D8	06 Aug 2025	Low Tide Time	247
D8	06 Aug 2025	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae;Debris; Per-son/Walker/Jogger-4
D8	13 Aug 2025	Arrive Time	924
D8	13 Aug 2025	Wind Speed (kts)	3.6
D8	13 Aug 2025	Wind Dir	SW
D8	13 Aug 2025	Animal Life	Dog-3;
D8	13 Aug 2025	Floatables	
D8	13 Aug 2025	Current Direction	S
D8	13 Aug 2025	Water Temp (C)	20.3
D8	13 Aug 2025	High Tide Time	1238
D8	13 Aug 2025	Low Tide Time	616
D8	13 Aug 2025	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae;Debris; Per-son/Walker/Jogger-3
D8	20 Aug 2025	Arrive Time	758
D8	20 Aug 2025	Wind Speed (kts)	0
D8	20 Aug 2025	Wind Dir	XX
D8	20 Aug 2025	Animal Life	
D8	20 Aug 2025	Floatables	
D8	20 Aug 2025	Current Direction	NE
D8	20 Aug 2025	Water Temp (C)	21.2
D8	20 Aug 2025	High Tide Time	851
D8	20 Aug 2025	Low Tide Time	230
D8	20 Aug 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Debris;Algae
D8	27 Aug 2025	Arrive Time	824
D8	27 Aug 2025	Wind Speed (kts)	3.2

Station	Date	Parameter	Value
D8	27 Aug 2025	Wind Dir	NW
D8	27 Aug 2025	Animal Life	
D8	27 Aug 2025	Floatables	
D8	27 Aug 2025	Current Direction	S
D8	27 Aug 2025	Water Temp (C)	20.8
D8	27 Aug 2025	High Tide Time	1200
D8	27 Aug 2025	Low Tide Time	544
D8	27 Aug 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D9	06 Aug 2025	Arrive Time	908
D9	06 Aug 2025	Wind Speed (kts)	1.1
D9	06 Aug 2025	Wind Dir	SW
D9	06 Aug 2025	Animal Life	
D9	06 Aug 2025	Floatables	
D9	06 Aug 2025	Current Direction	S
D9	06 Aug 2025	Water Temp (C)	21.4
D9	06 Aug 2025	High Tide Time	911
D9	06 Aug 2025	Low Tide Time	247
D9	06 Aug 2025	Comments	Water clear; Trash-2; Algae;Seagrass; Person/Walker/Jogger-2
D9	13 Aug 2025	Arrive Time	906
D9	13 Aug 2025	Wind Speed (kts)	3.6
D9	13 Aug 2025	Wind Dir	S
D9	13 Aug 2025	Animal Life	
D9	13 Aug 2025	Floatables	
D9	13 Aug 2025	Current Direction	W
D9	13 Aug 2025	Water Temp (C)	20.5
D9	13 Aug 2025	High Tide Time	1238
D9	13 Aug 2025	Low Tide Time	616
D9	13 Aug 2025	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae
D9	20 Aug 2025	Arrive Time	745
D9	20 Aug 2025	Wind Speed (kts)	0
D9	20 Aug 2025	Wind Dir	XX
D9	20 Aug 2025	Animal Life	
D9	20 Aug 2025	Floatables	
D9	20 Aug 2025	Current Direction	NE
D9	20 Aug 2025	Water Temp (C)	21.1
D9	20 Aug 2025	High Tide Time	851
D9	20 Aug 2025	Low Tide Time	230
D9	20 Aug 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-1
D9	27 Aug 2025	Arrive Time	838
D9	27 Aug 2025	Wind Speed (kts)	0
D9	27 Aug 2025	Wind Dir	XX
D9	27 Aug 2025	Animal Life	Dog-1;
D9	27 Aug 2025	Floatables	
D9	27 Aug 2025	Current Direction	S
D9	27 Aug 2025	Water Temp (C)	20.8
D9	27 Aug 2025	High Tide Time	1200
D9	27 Aug 2025	Low Tide Time	544
D9	27 Aug 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae; Person/Walker/Jogger-3; -1
D10	06 Aug 2025	Arrive Time	854
D10	06 Aug 2025	Wind Speed (kts)	4.2
D10	06 Aug 2025	Wind Dir	SW
D10	06 Aug 2025	Animal Life	
D10	06 Aug 2025	Floatables	

Station	Date	Parameter	Value
D10	06 Aug 2025	Current Direction	S
D10	06 Aug 2025	Water Temp (C)	21.7
D10	06 Aug 2025	High Tide Time	911
D10	06 Aug 2025	Low Tide Time	247
D10	06 Aug 2025	Comments	Water clear; Surfer/Paddle boarder-13; Trash-3; Kelp;Sea-grass;Debris; Person/Walker/Jogger-5
D10	13 Aug 2025	Arrive Time	853
D10	13 Aug 2025	Wind Speed (kts)	3.1
D10	13 Aug 2025	Wind Dir	S
D10	13 Aug 2025	Animal Life	
D10	13 Aug 2025	Floatables	
D10	13 Aug 2025	Current Direction	S
D10	13 Aug 2025	Water Temp (C)	19.4
D10	13 Aug 2025	High Tide Time	1238
D10	13 Aug 2025	Low Tide Time	616
D10	13 Aug 2025	Comments	Water clear; Surfer/Paddle boarder-5; Trash-3; Sea-grass;Kelp;Debris; Person/Walker/Jogger-2
D10	20 Aug 2025	Arrive Time	733
D10	20 Aug 2025	Wind Speed (kts)	0
D10	20 Aug 2025	Wind Dir	XX
D10	20 Aug 2025	Animal Life	
D10	20 Aug 2025	Floatables	
D10	20 Aug 2025	Current Direction	NE
D10	20 Aug 2025	Water Temp (C)	20.8
D10	20 Aug 2025	High Tide Time	851
D10	20 Aug 2025	Low Tide Time	230
D10	20 Aug 2025	Comments	Water clear; Fisherperson-2; Trash-1; Kelp;Seagrass;Debris; Person/Walker/Jogger-1
D10	27 Aug 2025	Arrive Time	848
D10	27 Aug 2025	Wind Speed (kts)	1.8
D10	27 Aug 2025	Wind Dir	NW
D10	27 Aug 2025	Animal Life	
D10	27 Aug 2025	Floatables	
D10	27 Aug 2025	Current Direction	S
D10	27 Aug 2025	Water Temp (C)	22.6
D10	27 Aug 2025	High Tide Time	1200
D10	27 Aug 2025	Low Tide Time	544
D10	27 Aug 2025	Comments	Water clear; Boogie boarder/Swimmer-2; Surfer/Paddle boarder-12; Trash-1; Kelp;Seagrass; Person/Walker/Jogger-4
D11	06 Aug 2025	Arrive Time	842
D11	06 Aug 2025	Wind Speed (kts)	3.8
D11	06 Aug 2025	Wind Dir	SW
D11	06 Aug 2025	Animal Life	
D11	06 Aug 2025	Floatables	
D11	06 Aug 2025	Current Direction	S
D11	06 Aug 2025	Water Temp (C)	21.3
D11	06 Aug 2025	High Tide Time	911
D11	06 Aug 2025	Low Tide Time	247
D11	06 Aug 2025	Comments	Water clear; Surfer/Paddle boarder-17; Trash-3; Sea-grass;Kelp;Algae;Debris; Person/Walker/Jogger-3
D11	13 Aug 2025	Arrive Time	836
D11	13 Aug 2025	Wind Speed (kts)	3.3
D11	13 Aug 2025	Wind Dir	SW
D11	13 Aug 2025	Animal Life	Dog-1;
D11	13 Aug 2025	Floatables	

Station	Date	Parameter	Value
D11	13 Aug 2025	Current Direction	S
D11	13 Aug 2025	Water Temp (C)	19
D11	13 Aug 2025	High Tide Time	1238
D11	13 Aug 2025	Low Tide Time	616
D11	13 Aug 2025	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-1
D11	20 Aug 2025	Arrive Time	723
D11	20 Aug 2025	Wind Speed (kts)	0
D11	20 Aug 2025	Wind Dir	XX
D11	20 Aug 2025	Animal Life	
D11	20 Aug 2025	Floatables	
D11	20 Aug 2025	Current Direction	NE
D11	20 Aug 2025	Water Temp (C)	21.1
D11	20 Aug 2025	High Tide Time	851
D11	20 Aug 2025	Low Tide Time	230
D11	20 Aug 2025	Comments	Water clear; Boogie boarder/Swimmer-2; Trash-1; Kelp;Sea-grass;Algae;Debris; Person/Walker/Jogger-1
D11	27 Aug 2025	Arrive Time	900
D11	27 Aug 2025	Wind Speed (kts)	0
D11	27 Aug 2025	Wind Dir	XX
D11	27 Aug 2025	Animal Life	
D11	27 Aug 2025	Floatables	
D11	27 Aug 2025	Current Direction	S
D11	27 Aug 2025	Water Temp (C)	22.1
D11	27 Aug 2025	High Tide Time	1200
D11	27 Aug 2025	Low Tide Time	544
D11	27 Aug 2025	Comments	Water clear; Surfer/Paddle boarder-13; Trash-1; Sea-grass;Kelp;Algae; Person/Walker/Jogger-6
D12	06 Aug 2025	Arrive Time	816
D12	06 Aug 2025	Wind Speed (kts)	3.4
D12	06 Aug 2025	Wind Dir	SW
D12	06 Aug 2025	Animal Life	Bird-3;
D12	06 Aug 2025	Floatables	
D12	06 Aug 2025	Current Direction	S
D12	06 Aug 2025	Water Temp (C)	20.8
D12	06 Aug 2025	High Tide Time	911
D12	06 Aug 2025	Low Tide Time	247
D12	06 Aug 2025	Comments	Water clear; Trash-3; Kelp;Seagrass;Debris; Person/Walker/Jogger-3
D12	13 Aug 2025	Arrive Time	811
D12	13 Aug 2025	Wind Speed (kts)	4
D12	13 Aug 2025	Wind Dir	SW
D12	13 Aug 2025	Animal Life	Bird-3;
D12	13 Aug 2025	Floatables	
D12	13 Aug 2025	Current Direction	S
D12	13 Aug 2025	Water Temp (C)	19.9
D12	13 Aug 2025	High Tide Time	1238
D12	13 Aug 2025	Low Tide Time	616
D12	13 Aug 2025	Comments	Water clear; Boater/Kayaker-3; Trash-4; Kelp;Seagrass; Person/Walker/Jogger-5
D12	20 Aug 2025	Arrive Time	706
D12	20 Aug 2025	Wind Speed (kts)	0
D12	20 Aug 2025	Wind Dir	XX
D12	20 Aug 2025	Animal Life	Bird-1;
D12	20 Aug 2025	Floatables	
D12	20 Aug 2025	Current Direction	NE

Station	Date	Parameter	Value
D12	20 Aug 2025	Water Temp (C)	19.6
D12	20 Aug 2025	High Tide Time	851
D12	20 Aug 2025	Low Tide Time	230
D12	20 Aug 2025	Comments	Water clear; Fisherperson-2; Trash-1; Kelp; Seagrass; Debris; Person/Walker/Jogger-2
D12	27 Aug 2025	Arrive Time	926
D12	27 Aug 2025	Wind Speed (kts)	4.5
D12	27 Aug 2025	Wind Dir	W
D12	27 Aug 2025	Animal Life	
D12	27 Aug 2025	Floatables	
D12	27 Aug 2025	Current Direction	S
D12	27 Aug 2025	Water Temp (C)	22.8
D12	27 Aug 2025	High Tide Time	1200
D12	27 Aug 2025	Low Tide Time	544
D12	27 Aug 2025	Comments	Water clear; Surfer/Paddle boarder-4; Trash-1; Kelp; Seagrass; Person/Walker/Jogger-8

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

* Geometric mean calculated using n<5

Table 3.4

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

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

- 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
04 Aug 2025	IC	IC	IC	IC	IC	IC	IC	IC
11 Aug 2025	IC	IC	IC	IC	IC	IC	IC	IC
18 Aug 2025	IC	IC	IC	IC	IC	IC	IC	IC
26 Aug 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
04 Aug 2025	IC	IC	IC	IC	IC	IC	IC	IC
11 Aug 2025	IC	IC	IC	IC	IC	IC	IC	IC
18 Aug 2025	IC	IC	IC	IC	IC	IC	IC	IC
26 Aug 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	04 Aug 2025	825	1	<2	<2	<2
A1	04 Aug 2025	825	12	<2	<2	<2
A1	04 Aug 2025	825	18	<2	<2	<2
A1	11 Aug 2025	754	1	<2	<2	<2
A1	11 Aug 2025	754	12	2e	<2	<2
A1	11 Aug 2025	754	18	<2	<2	<2
A1	18 Aug 2025	808	1	<2	<2	<2
A1	18 Aug 2025	808	12	<200	<2	<2
A1	18 Aug 2025	808	18	<2	<2	<2
A1	26 Aug 2025	834	1	<2	<2	<2
A1	26 Aug 2025	834	12	4e	<2	<2
A1	26 Aug 2025	834	18	2e	<2	<2
A6	04 Aug 2025	903	1	<2	<2	<2
A6	04 Aug 2025	903	12	<2	<2	<2
A6	04 Aug 2025	903	18	2e	<2	<2
A6	11 Aug 2025	822	1	2e	<2	<2
A6	11 Aug 2025	822	12	<2	<2	<2
A6	11 Aug 2025	822	18	2e	<2	<2
A6	18 Aug 2025	838	1	<2	<2	<2
A6	18 Aug 2025	838	12	<2	<2	<2
A6	18 Aug 2025	838	18	<2	<2	<2
A6	26 Aug 2025	859	1	2e	<2	<2
A6	26 Aug 2025	859	12	<2	<2	<2
A6	26 Aug 2025	859	18	4e	2e	<2
A7	04 Aug 2025	843	1	<2	<2	<2
A7	04 Aug 2025	843	12	<2	<2	<2
A7	04 Aug 2025	843	18	<2	<2	<2
A7	11 Aug 2025	811	1	2e	<2	<2
A7	11 Aug 2025	811	12	<2	<2	<2
A7	11 Aug 2025	811	18	<2	<2	<2
A7	18 Aug 2025	823	1	<2	<2	<2
A7	18 Aug 2025	823	12	<2	<2	<2
A7	18 Aug 2025	823	18	8e	6e	<2
A7	26 Aug 2025	846	1	<2	<2	<2
A7	26 Aug 2025	846	12	2e	2e	<2
A7	26 Aug 2025	846	18	8e	4e	2e
C4	04 Aug 2025	1005	1	<20	<2	<2
C4	04 Aug 2025	1005	3	<20	<2	<2
C4	04 Aug 2025	1005	9	<200	2e	<2

Station	Date	Time	Depth	Total	Fecal	Entero
C4	11 Aug 2025	924	1	<2	<2	<2
C4	11 Aug 2025	924	3	<2	<2	<2
C4	11 Aug 2025	924	9	<20	<2	<2
C4	18 Aug 2025	952	1	<2	<2	<2
C4	18 Aug 2025	952	3	<2	<2	<2
C4	18 Aug 2025	952	9	<2	<2	<2
C4	26 Aug 2025	1007	1	<20	2e	<2
C4	26 Aug 2025	1007	3	<20	<2	<2
C4	26 Aug 2025	1007	9	<2	<2	<2
C5	04 Aug 2025	955	1	<2	<2	<2
C5	04 Aug 2025	955	3	<2	<2	<2
C5	04 Aug 2025	955	9	<2	<2	<2
C5	11 Aug 2025	915	1	<2	<2	<2
C5	11 Aug 2025	915	3	2e	<2	<2
C5	11 Aug 2025	915	9	<2	<2	<2
C5	18 Aug 2025	941	1	<2	<2	<2
C5	18 Aug 2025	941	3	8e	2e	2e
C5	18 Aug 2025	941	9	<2	<2	<2
C5	26 Aug 2025	957	1	<20	<2	<2
C5	26 Aug 2025	957	3	<2	<2	<2
C5	26 Aug 2025	957	9	2e	<2	<2
C6	04 Aug 2025	945	1	<2	<2	<2
C6	04 Aug 2025	945	3	<2	<2	<2
C6	04 Aug 2025	945	9	<2	2e	<2
C6	11 Aug 2025	904	1	<20	<2	<2
C6	11 Aug 2025	904	3	<20	<2	<2
C6	11 Aug 2025	904	9	<2	<2	<2
C6	18 Aug 2025	928	1	<2	<2	<2
C6	18 Aug 2025	928	3	2e	<2	<2
C6	18 Aug 2025	928	9	<2	<2	<2
C6	26 Aug 2025	946	1	<20	<2	<2
C6	26 Aug 2025	946	3	<20	<2	<2
C6	26 Aug 2025	946	9	<2	<2	<2
C7	04 Aug 2025	915	1	<2	<2	<2
C7	04 Aug 2025	915	12	<2	<2	<2
C7	04 Aug 2025	915	18	<2	<2	<2
C7	11 Aug 2025	837	1	<2	<2	<2
C7	11 Aug 2025	837	12	<2	<2	<2
C7	11 Aug 2025	837	18	4e	<2	<2
C7	18 Aug 2025	854	1	4e	<2	<2
C7	18 Aug 2025	854	12	<2	<2	<2
C7	18 Aug 2025	854	18	<2	<2	<2
C7	26 Aug 2025	914	1	<2	<2	<2
C7	26 Aug 2025	914	12	<2	<2	<2
C7	26 Aug 2025	914	18	8e	<2	<2

Station	Date	Time	Depth	Total	Fecal	Entero
C8	04 Aug 2025	926	1	<2	<2	<2
C8	04 Aug 2025	926	12	4e	<2	<2
C8	04 Aug 2025	926	18	4e	<2	<2
C8	11 Aug 2025	848	1	<20	2e	<2
C8	11 Aug 2025	848	12	<2	<2	<2
C8	11 Aug 2025	848	18	2e	<2	<2
C8	18 Aug 2025	907	1	<20	<2	<2
C8	18 Aug 2025	907	12	24e	6e	<2
C8	18 Aug 2025	907	18	<2	<2	<2
C8	26 Aug 2025	926	1	4e	<2	<2
C8	26 Aug 2025	926	12	<2	<2	<2
C8	26 Aug 2025	926	18	2e	<2	<2

ns = not sampled

ND = no data

Table 3.9

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

Station	Date	Parameter	Value
A1	04 Aug 2025	Arrive Time	825
A1	04 Aug 2025	Depart Time	837
A1	04 Aug 2025	Air Temp (C)	17.5
A1	04 Aug 2025	Visibility (mi)	7
A1	04 Aug 2025	Wind Speed (kts)	12.1
A1	04 Aug 2025	Wind Dir	S
A1	04 Aug 2025	Sea State	Light Chop
A1	04 Aug 2025	High Tide Time	1824
A1	04 Aug 2025	Low Tide Time	136
A1	04 Aug 2025	Comments	
A1	11 Aug 2025	Arrive Time	754
A1	11 Aug 2025	Depart Time	806
A1	11 Aug 2025	Air Temp (C)	19.9
A1	11 Aug 2025	Visibility (mi)	8
A1	11 Aug 2025	Wind Speed (kts)	3.5
A1	11 Aug 2025	Wind Dir	SW
A1	11 Aug 2025	Sea State	Wind Ripples
A1	11 Aug 2025	High Tide Time	2312
A1	11 Aug 2025	Low Tide Time	512
A1	11 Aug 2025	Comments	Kelp Debris
A1	18 Aug 2025	Arrive Time	808
A1	18 Aug 2025	Depart Time	812
A1	18 Aug 2025	Air Temp (C)	19.6
A1	18 Aug 2025	Visibility (mi)	9
A1	18 Aug 2025	Wind Speed (kts)	0.3
A1	18 Aug 2025	Wind Dir	W
A1	18 Aug 2025	Sea State	Calm
A1	18 Aug 2025	High Tide Time	1806
A1	18 Aug 2025	Low Tide Time	54
A1	18 Aug 2025	Comments	
A1	26 Aug 2025	Arrive Time	834
A1	26 Aug 2025	Depart Time	837
A1	26 Aug 2025	Air Temp (C)	20.4
A1	26 Aug 2025	Visibility (mi)	10
A1	26 Aug 2025	Wind Speed (kts)	0.7
A1	26 Aug 2025	Wind Dir	S
A1	26 Aug 2025	Sea State	Confused Swell
A1	26 Aug 2025	High Tide Time	1136
A1	26 Aug 2025	Low Tide Time	524
A1	26 Aug 2025	Comments	
C4	04 Aug 2025	Arrive Time	1005
C4	04 Aug 2025	Depart Time	1009
C4	04 Aug 2025	Air Temp (C)	17.7
C4	04 Aug 2025	Visibility (mi)	7
C4	04 Aug 2025	Wind Speed (kts)	8.5
C4	04 Aug 2025	Wind Dir	S
C4	04 Aug 2025	Sea State	Wind Ripples
C4	04 Aug 2025	High Tide Time	1824
C4	04 Aug 2025	Low Tide Time	136
C4	04 Aug 2025	Comments	
C4	11 Aug 2025	Arrive Time	924

Station	Date	Parameter	Value
C4	11 Aug 2025	Depart Time	931
C4	11 Aug 2025	Air Temp (C)	19.4
C4	11 Aug 2025	Visibility (mi)	8
C4	11 Aug 2025	Wind Speed (kts)	5.8
C4	11 Aug 2025	Wind Dir	SW
C4	11 Aug 2025	Sea State	Wind Ripples
C4	11 Aug 2025	High Tide Time	2312
C4	11 Aug 2025	Low Tide Time	512
C4	11 Aug 2025	Comments	
C4	18 Aug 2025	Arrive Time	952
C4	18 Aug 2025	Depart Time	955
C4	18 Aug 2025	Air Temp (C)	21.7
C4	18 Aug 2025	Visibility (mi)	9
C4	18 Aug 2025	Wind Speed (kts)	1.8
C4	18 Aug 2025	Wind Dir	SW
C4	18 Aug 2025	Sea State	Wind Ripples
C4	18 Aug 2025	High Tide Time	1806
C4	18 Aug 2025	Low Tide Time	54
C4	18 Aug 2025	Comments	
C4	26 Aug 2025	Arrive Time	1007
C4	26 Aug 2025	Depart Time	1010
C4	26 Aug 2025	Air Temp (C)	22.8
C4	26 Aug 2025	Visibility (mi)	10
C4	26 Aug 2025	Wind Speed (kts)	0
C4	26 Aug 2025	Wind Dir	SW
C4	26 Aug 2025	Sea State	Regular Swell
C4	26 Aug 2025	High Tide Time	1136
C4	26 Aug 2025	Low Tide Time	524
C4	26 Aug 2025	Comments	
A7	04 Aug 2025	Arrive Time	843
A7	04 Aug 2025	Depart Time	858
A7	04 Aug 2025	Air Temp (C)	17.5
A7	04 Aug 2025	Visibility (mi)	7
A7	04 Aug 2025	Wind Speed (kts)	14.7
A7	04 Aug 2025	Wind Dir	SE
A7	04 Aug 2025	Sea State	Light Chop
A7	04 Aug 2025	High Tide Time	1824
A7	04 Aug 2025	Low Tide Time	136
A7	04 Aug 2025	Comments	
A7	11 Aug 2025	Arrive Time	811
A7	11 Aug 2025	Depart Time	816
A7	11 Aug 2025	Air Temp (C)	20.2
A7	11 Aug 2025	Visibility (mi)	8
A7	11 Aug 2025	Wind Speed (kts)	1.2
A7	11 Aug 2025	Wind Dir	W
A7	11 Aug 2025	Sea State	Wind Ripples
A7	11 Aug 2025	High Tide Time	2312
A7	11 Aug 2025	Low Tide Time	512
A7	11 Aug 2025	Comments	Kelp; Kelp Debris
A7	18 Aug 2025	Arrive Time	823
A7	18 Aug 2025	Depart Time	836
A7	18 Aug 2025	Air Temp (C)	19.8
A7	18 Aug 2025	Visibility (mi)	9
A7	18 Aug 2025	Wind Speed (kts)	1.9
A7	18 Aug 2025	Wind Dir	SW
A7	18 Aug 2025	Sea State	Calm

Station	Date	Parameter	Value
A7	18 Aug 2025	High Tide Time	1806
A7	18 Aug 2025	Low Tide Time	54
A7	18 Aug 2025	Comments	2nd cast for 12m bottle only
A7	26 Aug 2025	Arrive Time	846
A7	26 Aug 2025	Depart Time	850
A7	26 Aug 2025	Air Temp (C)	20.6
A7	26 Aug 2025	Visibility (mi)	10
A7	26 Aug 2025	Wind Speed (kts)	1.8
A7	26 Aug 2025	Wind Dir	SW
A7	26 Aug 2025	Sea State	Regular Swell
A7	26 Aug 2025	High Tide Time	1136
A7	26 Aug 2025	Low Tide Time	524
A7	26 Aug 2025	Comments	
C5	04 Aug 2025	Arrive Time	955
C5	04 Aug 2025	Depart Time	959
C5	04 Aug 2025	Air Temp (C)	17.6
C5	04 Aug 2025	Visibility (mi)	7
C5	04 Aug 2025	Wind Speed (kts)	6.9
C5	04 Aug 2025	Wind Dir	SE
C5	04 Aug 2025	Sea State	Light Chop
C5	04 Aug 2025	High Tide Time	1824
C5	04 Aug 2025	Low Tide Time	136
C5	04 Aug 2025	Comments	
C5	11 Aug 2025	Arrive Time	915
C5	11 Aug 2025	Depart Time	919
C5	11 Aug 2025	Air Temp (C)	19.6
C5	11 Aug 2025	Visibility (mi)	8
C5	11 Aug 2025	Wind Speed (kts)	5.3
C5	11 Aug 2025	Wind Dir	S
C5	11 Aug 2025	Sea State	Wind Ripples
C5	11 Aug 2025	High Tide Time	2312
C5	11 Aug 2025	Low Tide Time	512
C5	11 Aug 2025	Comments	
C5	18 Aug 2025	Arrive Time	941
C5	18 Aug 2025	Depart Time	943
C5	18 Aug 2025	Air Temp (C)	20
C5	18 Aug 2025	Visibility (mi)	9
C5	18 Aug 2025	Wind Speed (kts)	1.8
C5	18 Aug 2025	Wind Dir	W
C5	18 Aug 2025	Sea State	Wind Ripples
C5	18 Aug 2025	High Tide Time	1806
C5	18 Aug 2025	Low Tide Time	54
C5	18 Aug 2025	Comments	
C5	26 Aug 2025	Arrive Time	957
C5	26 Aug 2025	Depart Time	1000
C5	26 Aug 2025	Air Temp (C)	22.5
C5	26 Aug 2025	Visibility (mi)	10
C5	26 Aug 2025	Wind Speed (kts)	0
C5	26 Aug 2025	Wind Dir	NE
C5	26 Aug 2025	Sea State	Regular Swell
C5	26 Aug 2025	High Tide Time	1136
C5	26 Aug 2025	Low Tide Time	524
C5	26 Aug 2025	Comments	
A6	04 Aug 2025	Arrive Time	903
A6	04 Aug 2025	Depart Time	907

Station	Date	Parameter	Value
A6	04 Aug 2025	Air Temp (C)	17.6
A6	04 Aug 2025	Visibility (mi)	7
A6	04 Aug 2025	Wind Speed (kts)	6.5
A6	04 Aug 2025	Wind Dir	E
A6	04 Aug 2025	Sea State	Light Chop
A6	04 Aug 2025	High Tide Time	1824
A6	04 Aug 2025	Low Tide Time	136
A6	04 Aug 2025	Comments	
A6	11 Aug 2025	Arrive Time	822
A6	11 Aug 2025	Depart Time	827
A6	11 Aug 2025	Air Temp (C)	20.1
A6	11 Aug 2025	Visibility (mi)	8
A6	11 Aug 2025	Wind Speed (kts)	2.5
A6	11 Aug 2025	Wind Dir	W
A6	11 Aug 2025	Sea State	Wind Ripples
A6	11 Aug 2025	High Tide Time	2312
A6	11 Aug 2025	Low Tide Time	512
A6	11 Aug 2025	Comments	Kelp Debris
A6	18 Aug 2025	Arrive Time	838
A6	18 Aug 2025	Depart Time	841
A6	18 Aug 2025	Air Temp (C)	19.7
A6	18 Aug 2025	Visibility (mi)	9
A6	18 Aug 2025	Wind Speed (kts)	2.8
A6	18 Aug 2025	Wind Dir	S
A6	18 Aug 2025	Sea State	Calm
A6	18 Aug 2025	High Tide Time	1806
A6	18 Aug 2025	Low Tide Time	54
A6	18 Aug 2025	Comments	
A6	26 Aug 2025	Arrive Time	859
A6	26 Aug 2025	Depart Time	902
A6	26 Aug 2025	Air Temp (C)	21
A6	26 Aug 2025	Visibility (mi)	10
A6	26 Aug 2025	Wind Speed (kts)	2.3
A6	26 Aug 2025	Wind Dir	S
A6	26 Aug 2025	Sea State	Regular Swell
A6	26 Aug 2025	High Tide Time	1136
A6	26 Aug 2025	Low Tide Time	524
A6	26 Aug 2025	Comments	
C6	04 Aug 2025	Arrive Time	945
C6	04 Aug 2025	Depart Time	949
C6	04 Aug 2025	Air Temp (C)	17.6
C6	04 Aug 2025	Visibility (mi)	7
C6	04 Aug 2025	Wind Speed (kts)	5.9
C6	04 Aug 2025	Wind Dir	SW
C6	04 Aug 2025	Sea State	Light Chop
C6	04 Aug 2025	High Tide Time	1824
C6	04 Aug 2025	Low Tide Time	136
C6	04 Aug 2025	Comments	
C6	11 Aug 2025	Arrive Time	904
C6	11 Aug 2025	Depart Time	909
C6	11 Aug 2025	Air Temp (C)	19.6
C6	11 Aug 2025	Visibility (mi)	8
C6	11 Aug 2025	Wind Speed (kts)	4.8
C6	11 Aug 2025	Wind Dir	S
C6	11 Aug 2025	Sea State	Wind Ripples
C6	11 Aug 2025	High Tide Time	2312

Station	Date	Parameter	Value
C6	11 Aug 2025	Low Tide Time	512
C6	11 Aug 2025	Comments	
C6	18 Aug 2025	Arrive Time	928
C6	18 Aug 2025	Depart Time	932
C6	18 Aug 2025	Air Temp (C)	20
C6	18 Aug 2025	Visibility (mi)	9
C6	18 Aug 2025	Wind Speed (kts)	2.8
C6	18 Aug 2025	Wind Dir	W
C6	18 Aug 2025	Sea State	Wind Ripples
C6	18 Aug 2025	High Tide Time	1806
C6	18 Aug 2025	Low Tide Time	54
C6	18 Aug 2025	Comments	
C6	26 Aug 2025	Arrive Time	946
C6	26 Aug 2025	Depart Time	949
C6	26 Aug 2025	Air Temp (C)	22.5
C6	26 Aug 2025	Visibility (mi)	10
C6	26 Aug 2025	Wind Speed (kts)	0.7
C6	26 Aug 2025	Wind Dir	E
C6	26 Aug 2025	Sea State	Regular Swell
C6	26 Aug 2025	High Tide Time	1136
C6	26 Aug 2025	Low Tide Time	524
C6	26 Aug 2025	Comments	
C7	04 Aug 2025	Arrive Time	915
C7	04 Aug 2025	Depart Time	920
C7	04 Aug 2025	Air Temp (C)	17.8
C7	04 Aug 2025	Visibility (mi)	7
C7	04 Aug 2025	Wind Speed (kts)	7.4
C7	04 Aug 2025	Wind Dir	E
C7	04 Aug 2025	Sea State	Light Chop
C7	04 Aug 2025	High Tide Time	1824
C7	04 Aug 2025	Low Tide Time	136
C7	04 Aug 2025	Comments	
C7	11 Aug 2025	Arrive Time	837
C7	11 Aug 2025	Depart Time	840
C7	11 Aug 2025	Air Temp (C)	20.2
C7	11 Aug 2025	Visibility (mi)	8
C7	11 Aug 2025	Wind Speed (kts)	0
C7	11 Aug 2025	Wind Dir	W
C7	11 Aug 2025	Sea State	Wind Ripples
C7	11 Aug 2025	High Tide Time	2312
C7	11 Aug 2025	Low Tide Time	512
C7	11 Aug 2025	Comments	
C7	18 Aug 2025	Arrive Time	854
C7	18 Aug 2025	Depart Time	857
C7	18 Aug 2025	Air Temp (C)	20.1
C7	18 Aug 2025	Visibility (mi)	9
C7	18 Aug 2025	Wind Speed (kts)	1.2
C7	18 Aug 2025	Wind Dir	W
C7	18 Aug 2025	Sea State	Calm
C7	18 Aug 2025	High Tide Time	1806
C7	18 Aug 2025	Low Tide Time	54
C7	18 Aug 2025	Comments	
C7	26 Aug 2025	Arrive Time	914
C7	26 Aug 2025	Depart Time	917
C7	26 Aug 2025	Air Temp (C)	21.1

Station	Date	Parameter	Value
C7	26 Aug 2025	Visibility (mi)	10
C7	26 Aug 2025	Wind Speed (kts)	1.7
C7	26 Aug 2025	Wind Dir	SW
C7	26 Aug 2025	Sea State	Regular Swell
C7	26 Aug 2025	High Tide Time	1136
C7	26 Aug 2025	Low Tide Time	524
C7	26 Aug 2025	Comments	
C8	04 Aug 2025	Arrive Time	926
C8	04 Aug 2025	Depart Time	930
C8	04 Aug 2025	Air Temp (C)	17.8
C8	04 Aug 2025	Visibility (mi)	7
C8	04 Aug 2025	Wind Speed (kts)	4.2
C8	04 Aug 2025	Wind Dir	S
C8	04 Aug 2025	Sea State	Light Chop
C8	04 Aug 2025	High Tide Time	1824
C8	04 Aug 2025	Low Tide Time	136
C8	04 Aug 2025	Comments	
C8	11 Aug 2025	Arrive Time	848
C8	11 Aug 2025	Depart Time	852
C8	11 Aug 2025	Air Temp (C)	20.1
C8	11 Aug 2025	Visibility (mi)	8
C8	11 Aug 2025	Wind Speed (kts)	0
C8	11 Aug 2025	Wind Dir	SE
C8	11 Aug 2025	Sea State	Wind Ripples
C8	11 Aug 2025	High Tide Time	2312
C8	11 Aug 2025	Low Tide Time	512
C8	11 Aug 2025	Comments	sea lion on station
C8	18 Aug 2025	Arrive Time	907
C8	18 Aug 2025	Depart Time	910
C8	18 Aug 2025	Air Temp (C)	20.9
C8	18 Aug 2025	Visibility (mi)	9
C8	18 Aug 2025	Wind Speed (kts)	2.3
C8	18 Aug 2025	Wind Dir	SW
C8	18 Aug 2025	Sea State	Wind Ripples
C8	18 Aug 2025	High Tide Time	1806
C8	18 Aug 2025	Low Tide Time	54
C8	18 Aug 2025	Comments	
C8	26 Aug 2025	Arrive Time	926
C8	26 Aug 2025	Depart Time	928
C8	26 Aug 2025	Air Temp (C)	21.4
C8	26 Aug 2025	Visibility (mi)	10
C8	26 Aug 2025	Wind Speed (kts)	0.6
C8	26 Aug 2025	Wind Dir	S
C8	26 Aug 2025	Sea State	Regular Swell
C8	26 Aug 2025	High Tide Time	1136
C8	26 Aug 2025	Low Tide Time	524
C8	26 Aug 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	04 Aug 2025	1	20.42	87.33	9.0	33.57	8.2	23.6	0.96
A1	04 Aug 2025	2	20.39	88.54	9.1	33.57	8.2	23.6	0.95
A1	04 Aug 2025	3	20.30	88.85	9.2	33.57	8.2	23.6	0.96
A1	04 Aug 2025	4	19.95	89.08	9.6	33.56	8.2	23.7	1.25
A1	04 Aug 2025	5	19.62	87.94	9.9	33.55	8.2	23.8	1.93
A1	04 Aug 2025	6	19.23	87.11	10.1	33.54	8.2	23.8	2.23
A1	04 Aug 2025	7	18.79	86.28	10.4	33.52	8.2	23.9	2.71
A1	04 Aug 2025	8	18.59	84.95	10.7	33.53	8.2	24.0	3.02
A1	04 Aug 2025	9	18.15	84.93	11.2	33.53	8.3	24.1	3.16
A1	04 Aug 2025	10	17.84	85.72	11.6	33.51	8.3	24.2	3.22
A1	04 Aug 2025	11	17.60	86.24	11.7	33.55	8.3	24.3	3.24
A1	04 Aug 2025	12	17.15	86.70	11.9	33.50	8.3	24.3	3.37
A1	04 Aug 2025	13	16.97	87.35	11.5	33.50	8.2	24.4	3.24
A1	04 Aug 2025	14	16.39	87.80	10.8	33.51	8.2	24.5	2.84
A1	04 Aug 2025	15	15.86	88.00	10.2	33.48	8.2	24.6	3.02
A1	04 Aug 2025	16	15.60	84.59	9.7	33.47	8.1	24.7	3.81
A1	04 Aug 2025	17	14.64	82.30	8.9	33.50	8.1	24.9	3.37
A1	04 Aug 2025	18	14.10	80.48	8.3	33.48	8.0	25.0	2.33
A1	11 Aug 2025	1	20.21	94.37	8.4	33.56	8.2	23.6	0.39
A1	11 Aug 2025	2	20.13	94.46	8.4	33.56	8.2	23.6	0.42
A1	11 Aug 2025	3	19.01	94.71	8.4	33.59	8.1	23.9	0.42
A1	11 Aug 2025	4	16.77	94.81	9.1	33.51	8.1	24.4	0.62
A1	11 Aug 2025	5	16.58	93.89	9.2	33.45	8.1	24.4	1.48
A1	11 Aug 2025	6	16.62	92.82	9.0	33.44	8.1	24.4	1.48
A1	11 Aug 2025	7	15.81	92.38	8.7	33.47	8.1	24.6	1.58
A1	11 Aug 2025	8	14.70	91.52	8.3	33.45	8.1	24.8	2.49
A1	11 Aug 2025	9	13.92	90.75	8.1	33.41	8.0	25.0	2.67
A1	11 Aug 2025	10	13.61	90.82	7.9	33.38	8.0	25.0	2.49
A1	11 Aug 2025	11	13.33	91.08	7.7	33.38	8.0	25.1	2.44
A1	11 Aug 2025	12	13.16	91.59	7.6	33.38	8.0	25.1	2.33
A1	11 Aug 2025	13	13.02	91.90	7.4	33.38	8.0	25.1	2.23
A1	11 Aug 2025	14	12.92	92.17	7.3	33.39	8.0	25.2	1.98
A1	11 Aug 2025	15	12.85	92.31	7.2	33.39	8.0	25.2	2.51
A1	11 Aug 2025	16	12.75	92.40	7.0	33.40	7.9	25.2	6.88
A1	11 Aug 2025	17	12.69	90.68	6.8	33.41	7.9	25.2	6.40
A1	11 Aug 2025	18	12.65	89.09	6.7	33.41	7.9	25.2	1.24
A1	11 Aug 2025	19	12.63	89.01	6.6	33.41	7.9	25.2	1.06
A1	11 Aug 2025	20	12.68	88.65	6.6	33.41	7.9	25.2	1.12
A1	18 Aug 2025	1	20.89	91.63	8.4	33.58	8.2	23.4	0.61
A1	18 Aug 2025	2	20.83	95.52	8.4	33.57	8.2	23.5	0.60
A1	18 Aug 2025	3	20.78	95.29	8.4	33.57	8.2	23.5	0.65
A1	18 Aug 2025	4	20.75	95.36	8.4	33.57	8.2	23.5	0.69
A1	18 Aug 2025	5	20.68	95.36	8.4	33.57	8.2	23.5	0.69
A1	18 Aug 2025	6	20.64	95.03	8.4	33.56	8.2	23.5	0.74
A1	18 Aug 2025	7	20.33	95.08	8.5	33.55	8.2	23.6	0.76
A1	18 Aug 2025	8	20.15	95.01	8.6	33.54	8.2	23.6	0.78
A1	18 Aug 2025	9	20.06	95.17	8.6	33.53	8.2	23.6	0.77
A1	18 Aug 2025	10	19.50	95.37	8.9	33.51	8.2	23.8	0.84
A1	18 Aug 2025	11	19.12	95.34	9.2	33.50	8.2	23.8	1.01
A1	18 Aug 2025	12	18.74	95.18	9.4	33.48	8.2	23.9	1.13
A1	18 Aug 2025	13	18.52	94.92	9.3	33.47	8.2	24.0	1.21
A1	18 Aug 2025	14	18.18	94.79	9.1	33.47	8.2	24.1	1.26
A1	18 Aug 2025	15	17.98	94.57	8.9	33.46	8.2	24.1	1.38
A1	18 Aug 2025	16	17.56	93.96	8.5	33.45	8.2	24.2	1.54
A1	18 Aug 2025	17	16.58	92.34	8.3	33.43	8.1	24.4	1.61
A1	18 Aug 2025	18	16.44	93.76	7.9	33.45	8.1	24.5	0.94
A1	26 Aug 2025	1	21.18	87.85	8.4	33.51	8.2	23.3	1.55
A1	26 Aug 2025	2	21.18	87.03	8.2	33.50	8.2	23.3	1.58
A1	26 Aug 2025	3	18.71	87.68	8.4	33.39	8.1	23.9	1.65
A1	26 Aug 2025	4	17.33	88.50	8.6	33.40	8.1	24.2	2.16
A1	26 Aug 2025	5	17.07	89.69	8.6	33.38	8.1	24.3	2.16
A1	26 Aug 2025	6	16.89	90.42	8.6	33.37	8.1	24.3	2.14
A1	26 Aug 2025	7	16.60	90.36	8.5	33.34	8.1	24.3	2.09
A1	26 Aug 2025	8	16.28	88.47	8.6	33.35	8.1	24.4	2.15
A1	26 Aug 2025	9	16.20	88.80	8.3	33.34	8.1	24.4	2.19

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A1	26 Aug 2025	10	15.24	89.73	8.2	33.33	8.1	24.6	2.05
A1	26 Aug 2025	11	14.92	91.21	8.1	33.33	8.0	24.7	1.92
A1	26 Aug 2025	12	14.72	92.31	8.0	33.33	8.0	24.7	1.87
A1	26 Aug 2025	13	14.41	92.41	7.9	33.32	8.0	24.8	1.70
A1	26 Aug 2025	14	14.09	93.17	7.7	33.31	8.0	24.9	1.41
A1	26 Aug 2025	15	13.84	94.08	7.6	33.32	8.0	24.9	1.05
A1	26 Aug 2025	16	13.76	94.58	7.5	33.32	8.0	24.9	0.93
A1	26 Aug 2025	17	13.67	94.57	7.5	33.32	8.0	25.0	NA
A1	26 Aug 2025	18	13.62	94.98	7.5	33.33	8.0	25.0	NA
A1	26 Aug 2025	19	13.63	94.42	7.4	33.33	8.0	25.0	NA
C4	04 Aug 2025	1	18.69	74.63	9.6	33.55	8.2	24.0	4.56
C4	04 Aug 2025	2	18.65	75.89	9.5	33.55	8.2	24.0	4.69
C4	04 Aug 2025	3	18.63	75.33	9.2	33.55	8.2	24.0	4.91
C4	04 Aug 2025	4	18.61	73.07	8.9	33.55	8.1	24.0	4.84
C4	04 Aug 2025	5	18.56	70.44	8.6	33.56	8.1	24.0	4.69
C4	04 Aug 2025	6	18.51	67.10	8.2	33.56	8.1	24.0	4.26
C4	04 Aug 2025	7	18.39	65.43	8.0	33.56	8.1	24.1	4.05
C4	04 Aug 2025	8	18.15	64.88	7.8	33.57	8.0	24.1	4.57
C4	04 Aug 2025	9	16.91	62.99	7.9	33.60	8.0	24.5	3.56
C4	04 Aug 2025	10	15.73	63.06	8.5	33.56	8.1	24.7	3.31
C4	04 Aug 2025	11	15.07	64.09	8.5	33.53	8.1	24.8	3.33
C4	11 Aug 2025	1	20.33	87.52	8.2	33.55	8.1	23.6	0.47
C4	11 Aug 2025	2	20.02	87.76	8.0	33.56	8.1	23.7	0.51
C4	11 Aug 2025	3	19.14	88.47	8.0	33.55	8.1	23.9	0.55
C4	11 Aug 2025	4	17.12	89.65	7.9	33.56	8.1	24.4	0.58
C4	11 Aug 2025	5	15.09	90.48	7.8	33.49	8.0	24.8	0.50
C4	11 Aug 2025	6	14.42	91.23	7.5	33.44	8.0	24.9	0.39
C4	11 Aug 2025	7	14.03	89.82	7.2	33.43	8.0	25.0	0.36
C4	11 Aug 2025	8	13.69	83.87	7.0	33.41	8.0	25.0	0.39
C4	11 Aug 2025	9	13.59	78.21	6.9	33.40	7.9	25.0	0.44
C4	11 Aug 2025	10	13.59	73.14	6.9	33.41	7.9	25.0	0.45
C4	11 Aug 2025	11	13.66	56.95	6.8	33.42	7.9	25.0	0.51
C4	11 Aug 2025	12	13.67	53.62	6.8	33.43	7.9	25.0	0.50
C4	18 Aug 2025	1	21.33	90.40	7.7	33.60	8.1	23.3	0.75
C4	18 Aug 2025	2	21.34	90.40	7.7	33.60	8.1	23.3	0.76
C4	18 Aug 2025	3	21.07	90.22	7.8	33.59	8.2	23.4	0.89
C4	18 Aug 2025	4	20.78	91.16	7.8	33.57	8.2	23.5	0.98
C4	18 Aug 2025	5	20.26	91.63	8.1	33.55	8.2	23.6	1.31
C4	18 Aug 2025	6	20.10	90.90	8.1	33.54	8.2	23.6	1.46
C4	18 Aug 2025	7	19.77	90.63	7.9	33.54	8.2	23.7	1.42
C4	18 Aug 2025	8	19.52	90.66	7.6	33.54	8.2	23.8	1.36
C4	18 Aug 2025	9	19.38	90.88	7.4	33.53	8.1	23.8	1.03
C4	18 Aug 2025	10	18.84	91.17	7.1	33.52	8.1	23.9	1.04
C4	18 Aug 2025	11	18.64	87.75	7.1	33.50	8.1	24.0	NA
C4	26 Aug 2025	1	21.34	83.75	8.3	33.54	8.2	23.3	1.62
C4	26 Aug 2025	2	21.17	83.64	8.2	33.54	8.2	23.3	1.99
C4	26 Aug 2025	3	20.91	81.33	8.2	33.53	8.2	23.4	2.78
C4	26 Aug 2025	4	20.83	79.95	8.2	33.52	8.2	23.4	2.80
C4	26 Aug 2025	5	20.41	79.68	8.2	33.50	8.2	23.5	2.70
C4	26 Aug 2025	6	19.71	80.83	8.2	33.48	8.2	23.7	2.45
C4	26 Aug 2025	7	18.81	80.86	8.3	33.45	8.1	23.9	2.78
C4	26 Aug 2025	8	18.10	80.38	8.4	33.43	8.1	24.0	3.33
C4	26 Aug 2025	9	17.72	83.10	8.2	33.42	8.1	24.1	3.09
C4	26 Aug 2025	10	17.46	84.15	7.9	33.41	8.1	24.2	1.86
C4	26 Aug 2025	11	17.13	86.01	7.7	33.40	8.1	24.3	1.04
C4	26 Aug 2025	12	17.16	83.78	7.7	33.41	8.1	24.3	0.84
A7	04 Aug 2025	1	20.45	88.15	9.2	33.56	8.2	23.6	1.04
A7	04 Aug 2025	2	20.44	89.20	9.2	33.57	8.2	23.6	0.96
A7	04 Aug 2025	3	20.44	89.19	9.2	33.57	8.2	23.6	0.99
A7	04 Aug 2025	4	20.29	88.95	9.4	33.57	8.2	23.6	1.03
A7	04 Aug 2025	5	19.74	89.03	9.9	33.57	8.2	23.7	1.31
A7	04 Aug 2025	6	19.18	86.49	10.4	33.54	8.2	23.9	4.05
A7	04 Aug 2025	7	18.41	82.95	11.1	33.53	8.2	24.0	4.90
A7	04 Aug 2025	8	17.63	83.04	11.6	33.51	8.3	24.2	4.33
A7	04 Aug 2025	9	17.32	84.90	11.2	33.49	8.2	24.3	2.89
A7	04 Aug 2025	10	17.16	86.94	10.8	33.48	8.2	24.3	2.62
A7	04 Aug 2025	11	16.96	87.55	10.6	33.48	8.2	24.4	2.41
A7	04 Aug 2025	12	16.93	87.25	10.4	33.48	8.2	24.4	2.87
A7	04 Aug 2025	13	16.73	86.57	10.2	33.49	8.2	24.4	2.96

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A7	04 Aug 2025	14	16.51	86.33	9.9	33.49	8.2	24.5	3.10
A7	04 Aug 2025	15	16.43	86.18	9.7	33.49	8.2	24.5	3.18
A7	04 Aug 2025	16	15.81	85.91	9.1	33.52	8.1	24.6	3.14
A7	04 Aug 2025	17	14.94	85.79	8.6	33.51	8.1	24.8	3.38
A7	04 Aug 2025	18	14.71	86.08	8.2	33.51	8.0	24.9	2.96
A7	04 Aug 2025	19	14.72	86.81	8.0	33.49	8.0	24.9	2.61
A7	11 Aug 2025	1	20.84	93.87	8.4	33.58	8.2	23.5	0.47
A7	11 Aug 2025	2	20.47	93.92	8.4	33.58	8.2	23.6	0.46
A7	11 Aug 2025	3	19.87	94.19	8.6	33.57	8.2	23.7	0.42
A7	11 Aug 2025	4	19.65	94.74	8.6	33.55	8.2	23.7	0.38
A7	11 Aug 2025	5	19.40	95.08	8.6	33.55	8.2	23.8	0.33
A7	11 Aug 2025	6	18.85	95.39	8.6	33.54	8.2	23.9	0.37
A7	11 Aug 2025	7	17.81	95.43	8.6	33.53	8.1	24.2	0.76
A7	11 Aug 2025	8	17.20	94.10	8.3	33.51	8.1	24.3	1.47
A7	11 Aug 2025	9	14.74	92.21	8.2	33.51	8.1	24.9	1.78
A7	11 Aug 2025	10	13.15	90.75	7.8	33.44	8.0	25.2	2.08
A7	11 Aug 2025	11	12.86	91.54	7.4	33.39	8.0	25.2	1.66
A7	11 Aug 2025	12	12.76	92.54	7.2	33.38	8.0	25.2	1.66
A7	11 Aug 2025	13	12.72	92.82	7.2	33.37	8.0	25.2	1.60
A7	11 Aug 2025	14	12.69	92.81	7.1	33.38	8.0	25.2	1.52
A7	11 Aug 2025	15	12.66	92.89	7.0	33.38	8.0	25.2	1.49
A7	11 Aug 2025	16	12.64	92.86	7.0	33.39	7.9	25.2	1.29
A7	11 Aug 2025	17	12.64	93.01	6.8	33.40	7.9	25.2	1.15
A7	11 Aug 2025	18	12.68	92.87	6.8	33.40	7.9	25.2	1.27
A7	18 Aug 2025	1	21.29	96.44	8.5	33.61	8.2	23.4	0.43
A7	18 Aug 2025	2	21.30	96.45	8.5	33.61	8.2	23.4	0.41
A7	18 Aug 2025	3	21.29	96.72	8.5	33.60	8.2	23.4	0.42
A7	18 Aug 2025	4	21.28	96.69	8.6	33.60	8.2	23.4	0.44
A7	18 Aug 2025	5	21.27	96.79	8.6	33.60	8.2	23.4	0.45
A7	18 Aug 2025	6	21.27	96.76	8.5	33.60	8.2	23.4	0.46
A7	18 Aug 2025	7	21.26	96.73	8.5	33.60	8.2	23.4	0.48
A7	18 Aug 2025	8	21.19	96.70	8.6	33.60	8.2	23.4	0.47
A7	18 Aug 2025	9	21.03	96.73	8.6	33.59	8.2	23.4	0.48
A7	18 Aug 2025	10	20.89	96.58	8.8	33.58	8.2	23.4	0.48
A7	18 Aug 2025	11	20.81	96.58	8.7	33.57	8.2	23.5	0.49
A7	18 Aug 2025	12	19.83	96.56	8.8	33.53	8.2	23.7	0.60
A7	18 Aug 2025	13	18.99	95.73	8.6	33.51	8.2	23.9	1.11
A7	18 Aug 2025	14	17.49	94.68	8.5	33.44	8.2	24.2	1.21
A7	18 Aug 2025	15	16.06	93.79	8.7	33.41	8.2	24.5	2.33
A7	18 Aug 2025	16	15.31	92.81	8.3	33.37	8.1	24.6	2.27
A7	18 Aug 2025	17	14.82	93.79	8.0	33.36	8.1	24.7	1.27
A7	18 Aug 2025	18	14.24	94.62	7.8	33.36	8.1	24.9	0.88
A7	18 Aug 2025	19	14.34	95.28	7.9	33.36	8.1	24.8	0.78
A7	18 Aug 2025	20	14.04	95.02	7.6	33.36	8.0	24.9	0.86
A7	26 Aug 2025	1	21.11	90.58	8.6	33.54	8.2	23.4	1.11
A7	26 Aug 2025	2	21.12	91.23	8.6	33.54	8.2	23.3	1.09
A7	26 Aug 2025	3	21.07	91.20	8.5	33.53	8.2	23.4	1.14
A7	26 Aug 2025	4	20.66	91.57	8.3	33.49	8.2	23.4	1.24
A7	26 Aug 2025	5	18.77	91.33	8.6	33.45	8.2	23.9	1.59
A7	26 Aug 2025	6	18.21	89.51	8.6	33.43	8.1	24.0	2.12
A7	26 Aug 2025	7	17.53	89.98	8.7	33.40	8.1	24.2	2.06
A7	26 Aug 2025	8	17.06	90.20	8.6	33.37	8.1	24.2	2.15
A7	26 Aug 2025	9	15.55	90.55	8.6	33.35	8.1	24.6	2.09
A7	26 Aug 2025	10	14.90	91.25	8.5	33.32	8.1	24.7	2.41
A7	26 Aug 2025	11	14.45	92.72	8.1	33.33	8.0	24.8	1.58
A7	26 Aug 2025	12	14.31	94.60	7.9	33.33	8.0	24.8	1.08
A7	26 Aug 2025	13	14.24	94.89	7.8	33.32	8.0	24.8	1.02
A7	26 Aug 2025	14	14.20	94.69	7.8	33.33	8.0	24.9	1.01
A7	26 Aug 2025	15	14.15	94.89	7.7	33.32	8.0	24.9	1.01
A7	26 Aug 2025	16	13.90	94.94	7.6	33.34	8.0	24.9	0.92
A7	26 Aug 2025	17	13.84	95.10	7.6	33.34	8.0	24.9	0.83
A7	26 Aug 2025	18	13.69	95.10	7.4	33.34	8.0	25.0	0.80
A7	26 Aug 2025	19	13.71	94.93	7.4	33.34	8.0	25.0	0.89
C5	04 Aug 2025	1	20.42	87.14	9.2	33.56	8.2	23.6	1.09
C5	04 Aug 2025	2	20.16	88.11	9.2	33.56	8.2	23.6	1.18
C5	04 Aug 2025	3	20.06	88.20	9.3	33.55	8.2	23.6	1.27
C5	04 Aug 2025	4	19.92	88.06	9.3	33.55	8.2	23.7	1.21
C5	04 Aug 2025	5	19.87	88.14	9.3	33.55	8.2	23.7	1.23
C5	04 Aug 2025	6	19.73	88.23	9.2	33.54	8.2	23.7	1.23
C5	04 Aug 2025	7	19.27	88.36	9.2	33.54	8.2	23.8	1.15

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C5	04 Aug 2025	8	19.25	88.21	9.1	33.53	8.2	23.8	1.39
C5	04 Aug 2025	9	18.51	87.63	9.1	33.56	8.2	24.0	1.45
C5	04 Aug 2025	10	17.12	87.08	8.4	33.56	8.1	24.4	1.07
C5	04 Aug 2025	11	15.10	85.48	8.3	33.51	8.1	24.8	0.71
C5	11 Aug 2025	1	20.92	90.18	8.3	33.58	8.2	23.4	0.53
C5	11 Aug 2025	2	20.92	90.95	8.3	33.58	8.2	23.4	0.56
C5	11 Aug 2025	3	20.24	91.67	8.3	33.59	8.2	23.6	0.56
C5	11 Aug 2025	4	19.02	92.81	8.3	33.56	8.1	23.9	0.47
C5	11 Aug 2025	5	18.36	92.31	8.4	33.53	8.1	24.1	0.41
C5	11 Aug 2025	6	17.63	88.88	8.7	33.51	8.1	24.2	0.40
C5	11 Aug 2025	7	17.23	87.02	8.8	33.49	8.1	24.3	0.66
C5	11 Aug 2025	8	16.57	88.52	8.6	33.48	8.1	24.4	0.84
C5	11 Aug 2025	9	16.07	89.11	8.5	33.47	8.1	24.6	0.76
C5	11 Aug 2025	10	15.62	87.13	8.5	33.45	8.1	24.6	0.53
C5	11 Aug 2025	11	15.57	82.29	8.4	33.45	8.1	24.6	0.56
C5	18 Aug 2025	1	20.94	92.28	8.3	33.58	8.2	23.4	1.09
C5	18 Aug 2025	2	21.06	92.28	8.3	33.59	8.2	23.4	0.97
C5	18 Aug 2025	3	20.86	92.26	8.2	33.57	8.2	23.4	1.01
C5	18 Aug 2025	4	20.62	92.50	8.1	33.56	8.2	23.5	1.15
C5	18 Aug 2025	5	20.36	92.54	7.9	33.55	8.2	23.6	1.15
C5	18 Aug 2025	6	20.12	93.48	7.9	33.54	8.2	23.6	0.93
C5	18 Aug 2025	7	19.49	93.56	8.4	33.51	8.2	23.8	1.33
C5	18 Aug 2025	8	19.16	91.09	8.6	33.51	8.2	23.8	1.83
C5	18 Aug 2025	9	19.13	90.90	8.6	33.49	8.2	23.8	1.73
C5	18 Aug 2025	10	18.64	91.74	8.8	33.49	8.2	24.0	1.28
C5	18 Aug 2025	11	17.93	92.82	8.9	33.48	8.2	24.1	0.80
C5	26 Aug 2025	1	21.48	89.16	8.3	33.54	8.2	23.3	0.73
C5	26 Aug 2025	2	21.40	89.13	8.3	33.54	8.2	23.3	0.76
C5	26 Aug 2025	3	20.72	89.31	8.0	33.50	8.2	23.4	0.81
C5	26 Aug 2025	4	18.54	89.77	8.0	33.43	8.1	23.9	0.90
C5	26 Aug 2025	5	16.78	90.40	8.2	33.38	8.1	24.3	0.80
C5	26 Aug 2025	6	16.44	92.19	8.2	33.37	8.1	24.4	0.81
C5	26 Aug 2025	7	16.31	93.09	8.2	33.36	8.1	24.4	0.70
C5	26 Aug 2025	8	16.13	93.50	8.3	33.35	8.1	24.4	0.66
C5	26 Aug 2025	9	15.99	93.19	8.3	33.35	8.1	24.5	0.61
C5	26 Aug 2025	10	15.96	92.23	8.3	33.35	8.1	24.5	0.59
C5	26 Aug 2025	11	15.95	92.11	8.3	33.35	8.1	24.5	0.61
A6	04 Aug 2025	1	20.52	88.26	9.2	33.57	8.2	23.5	1.02
A6	04 Aug 2025	2	20.50	88.13	9.2	33.57	8.2	23.5	1.01
A6	04 Aug 2025	3	20.35	88.68	9.4	33.57	8.2	23.6	1.12
A6	04 Aug 2025	4	20.15	88.21	9.5	33.56	8.2	23.6	1.36
A6	04 Aug 2025	5	19.54	87.44	10.1	33.56	8.2	23.8	1.55
A6	04 Aug 2025	6	18.32	86.53	11.3	33.53	8.3	24.1	3.51
A6	04 Aug 2025	7	18.05	85.52	11.2	33.51	8.3	24.1	2.79
A6	04 Aug 2025	8	18.01	87.26	10.9	33.50	8.2	24.1	2.20
A6	04 Aug 2025	9	17.97	87.46	10.7	33.50	8.2	24.1	2.24
A6	04 Aug 2025	10	17.73	87.68	10.2	33.50	8.2	24.2	1.86
A6	04 Aug 2025	11	17.53	88.17	9.9	33.50	8.2	24.2	1.74
A6	04 Aug 2025	12	17.34	88.41	9.8	33.50	8.2	24.3	1.85
A6	04 Aug 2025	13	17.04	88.36	9.6	33.50	8.2	24.4	2.04
A6	04 Aug 2025	14	16.84	87.74	9.4	33.51	8.2	24.4	2.31
A6	04 Aug 2025	15	16.62	87.07	9.1	33.51	8.2	24.5	NA
A6	04 Aug 2025	16	16.43	86.92	9.2	33.56	8.1	24.5	NA
A6	04 Aug 2025	17	16.15	87.27	9.1	33.51	8.1	24.6	NA
A6	04 Aug 2025	18	15.68	87.91	8.9	33.51	8.1	24.7	NA
A6	04 Aug 2025	19	15.35	88.23	8.8	33.48	8.1	24.7	NA
A6	11 Aug 2025	1	20.52	93.47	8.5	33.58	8.2	23.5	0.41
A6	11 Aug 2025	2	20.49	93.73	8.4	33.57	8.2	23.5	0.41
A6	11 Aug 2025	3	19.22	94.14	8.7	33.58	8.2	23.9	0.38
A6	11 Aug 2025	4	18.53	94.62	9.0	33.52	8.2	24.0	0.37
A6	11 Aug 2025	5	18.55	94.99	9.0	33.51	8.2	24.0	0.40
A6	11 Aug 2025	6	18.43	95.03	9.0	33.51	8.2	24.0	0.43
A6	11 Aug 2025	7	18.31	94.73	9.0	33.50	8.2	24.0	0.49
A6	11 Aug 2025	8	18.00	94.59	8.9	33.50	8.2	24.1	0.60
A6	11 Aug 2025	9	16.50	93.27	8.8	33.51	8.2	24.5	1.23
A6	11 Aug 2025	10	15.20	90.82	8.8	33.47	8.1	24.7	3.83
A6	11 Aug 2025	11	14.73	90.88	8.3	33.49	8.1	24.9	4.74
A6	11 Aug 2025	12	13.74	91.61	7.9	33.48	8.0	25.1	2.58
A6	11 Aug 2025	13	13.42	91.70	7.6	33.47	8.0	25.1	1.43

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A6	11 Aug 2025	14	13.16	91.18	7.4	33.43	8.0	25.1	1.25
A6	11 Aug 2025	15	13.43	91.21	7.3	33.41	8.0	25.1	1.25
A6	11 Aug 2025	16	12.76	92.04	7.1	33.42	7.9	25.2	1.20
A6	11 Aug 2025	17	12.76	92.55	7.0	33.42	7.9	25.2	1.20
A6	11 Aug 2025	18	12.92	92.75	7.0	33.41	7.9	25.2	1.33
A6	11 Aug 2025	19	12.71	92.55	6.9	33.42	7.9	25.2	1.30
A6	18 Aug 2025	1	21.11	95.44	8.4	33.59	8.2	23.4	0.57
A6	18 Aug 2025	2	21.20	95.29	8.4	33.60	8.2	23.4	0.54
A6	18 Aug 2025	3	21.19	95.74	8.4	33.60	8.2	23.4	0.52
A6	18 Aug 2025	4	21.12	95.77	8.4	33.59	8.2	23.4	0.56
A6	18 Aug 2025	5	21.03	95.73	8.4	33.59	8.2	23.4	0.66
A6	18 Aug 2025	6	20.69	95.71	8.6	33.57	8.2	23.5	0.62
A6	18 Aug 2025	7	20.53	95.89	8.8	33.56	8.2	23.5	0.60
A6	18 Aug 2025	8	20.03	96.01	8.9	33.54	8.2	23.6	0.61
A6	18 Aug 2025	9	19.79	95.96	9.0	33.54	8.2	23.7	0.70
A6	18 Aug 2025	10	19.78	95.77	9.1	33.53	8.2	23.7	0.91
A6	18 Aug 2025	11	19.64	95.33	9.1	33.52	8.2	23.7	0.93
A6	18 Aug 2025	12	19.57	94.99	9.1	33.52	8.2	23.7	1.27
A6	18 Aug 2025	13	19.41	93.88	8.9	33.51	8.2	23.8	1.71
A6	18 Aug 2025	14	18.76	93.18	8.9	33.50	8.2	23.9	1.62
A6	18 Aug 2025	15	18.23	93.73	8.9	33.48	8.2	24.1	1.34
A6	18 Aug 2025	16	18.17	94.33	8.7	33.47	8.2	24.1	0.85
A6	18 Aug 2025	17	17.68	95.48	8.7	33.47	8.1	24.2	0.60
A6	18 Aug 2025	18	17.49	95.75	8.5	33.46	8.1	24.2	0.70
A6	18 Aug 2025	19	16.87	95.92	8.2	33.45	8.1	24.4	0.47
A6	18 Aug 2025	20	16.40	95.78	8.2	33.42	8.1	24.4	0.66
A6	26 Aug 2025	1	22.28	92.22	8.6	33.58	8.2	23.1	0.74
A6	26 Aug 2025	2	22.28	92.89	8.6	33.58	8.2	23.1	0.76
A6	26 Aug 2025	3	21.83	93.37	8.8	33.56	8.2	23.2	0.79
A6	26 Aug 2025	4	21.72	93.68	8.8	33.55	8.2	23.2	0.82
A6	26 Aug 2025	5	20.71	93.56	9.0	33.49	8.2	23.4	0.84
A6	26 Aug 2025	6	19.22	93.68	9.4	33.46	8.2	23.8	1.03
A6	26 Aug 2025	7	18.54	93.79	9.5	33.43	8.2	23.9	1.38
A6	26 Aug 2025	8	18.49	93.57	9.4	33.42	8.2	23.9	1.48
A6	26 Aug 2025	9	17.98	93.37	9.4	33.41	8.2	24.1	NA
A6	26 Aug 2025	10	17.79	92.87	9.3	33.40	8.2	24.1	1.71
A6	26 Aug 2025	11	17.43	92.64	9.2	33.39	8.2	24.2	1.75
A6	26 Aug 2025	12	17.00	92.36	9.1	33.38	8.2	24.3	1.81
A6	26 Aug 2025	13	16.48	92.08	9.0	33.36	8.1	24.4	2.03
A6	26 Aug 2025	14	16.00	91.87	8.9	33.35	8.1	24.5	2.11
A6	26 Aug 2025	15	15.59	92.00	8.8	33.34	8.1	24.6	2.05
A6	26 Aug 2025	16	15.67	92.52	8.7	33.34	8.1	24.5	2.07
A6	26 Aug 2025	17	15.25	93.32	8.5	33.49	8.1	24.8	1.88
A6	26 Aug 2025	18	14.58	93.99	8.4	33.41	8.1	24.8	1.51
A6	26 Aug 2025	19	14.54	93.98	8.2	33.34	8.0	24.8	1.46
C6	04 Aug 2025	1	20.67	87.17	8.9	33.57	8.2	23.5	1.02
C6	04 Aug 2025	2	20.66	88.56	8.9	33.57	8.2	23.5	1.01
C6	04 Aug 2025	3	20.62	88.13	9.0	33.56	8.2	23.5	1.04
C6	04 Aug 2025	4	20.57	88.43	9.0	33.56	8.2	23.5	1.09
C6	04 Aug 2025	5	20.44	88.57	9.0	33.56	8.2	23.5	1.09
C6	04 Aug 2025	6	20.40	88.25	9.0	33.56	8.2	23.6	1.12
C6	04 Aug 2025	7	20.35	88.36	9.0	33.56	8.2	23.6	1.07
C6	04 Aug 2025	8	20.25	88.54	8.8	33.56	8.2	23.6	1.11
C6	04 Aug 2025	9	18.89	88.30	8.3	33.60	8.2	24.0	1.12
C6	04 Aug 2025	10	18.11	81.28	8.8	33.52	8.1	24.1	0.82
C6	11 Aug 2025	1	21.08	89.11	8.2	33.58	8.1	23.4	0.44
C6	11 Aug 2025	2	21.06	89.13	8.0	33.58	8.1	23.4	0.43
C6	11 Aug 2025	3	20.78	88.46	7.7	33.59	8.1	23.5	0.44
C6	11 Aug 2025	4	19.81	85.58	8.0	33.58	8.1	23.7	0.42
C6	11 Aug 2025	5	17.89	85.65	8.7	33.55	8.2	24.2	0.54
C6	11 Aug 2025	6	16.87	90.10	8.8	33.48	8.1	24.4	0.48
C6	11 Aug 2025	7	16.47	89.99	8.7	33.46	8.1	24.5	0.38
C6	11 Aug 2025	8	16.22	87.81	8.8	33.45	8.1	24.5	0.36
C6	11 Aug 2025	9	16.17	81.83	8.7	33.44	8.1	24.5	0.58
C6	11 Aug 2025	10	16.52	83.72	8.6	33.45	8.1	24.4	0.46
C6	18 Aug 2025	1	21.14	88.53	8.2	33.59	8.2	23.4	0.80
C6	18 Aug 2025	2	21.39	89.55	8.2	33.60	8.2	23.3	0.82
C6	18 Aug 2025	3	21.25	89.85	8.1	33.59	8.2	23.4	0.97
C6	18 Aug 2025	4	20.84	90.24	7.8	33.58	8.2	23.5	0.75

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C6	18 Aug 2025	5	20.53	91.36	7.9	33.55	8.2	23.5	0.71
C6	18 Aug 2025	6	19.81	91.99	8.3	33.53	8.2	23.7	0.82
C6	18 Aug 2025	7	19.29	91.86	8.8	33.51	8.2	23.8	1.03
C6	18 Aug 2025	8	19.07	91.85	8.9	33.50	8.2	23.9	1.16
C6	18 Aug 2025	9	18.64	91.46	8.3	33.49	8.2	24.0	1.06
C6	18 Aug 2025	10	18.65	86.70	8.2	33.49	8.1	24.0	0.60
C6	26 Aug 2025	1	22.36	83.80	8.3	33.59	8.2	23.0	1.09
C6	26 Aug 2025	2	22.34	80.08	8.3	33.59	8.2	23.1	1.08
C6	26 Aug 2025	3	22.26	84.99	8.4	33.59	8.2	23.1	1.19
C6	26 Aug 2025	4	22.10	86.44	8.4	33.58	8.2	23.1	1.20
C6	26 Aug 2025	5	20.81	87.21	8.7	33.47	8.2	23.4	1.18
C6	26 Aug 2025	6	19.51	88.36	9.1	33.48	8.2	23.7	1.04
C6	26 Aug 2025	7	18.05	89.86	8.8	33.40	8.2	24.0	1.09
C6	26 Aug 2025	8	16.77	92.51	8.9	33.39	8.1	24.3	0.83
C6	26 Aug 2025	9	16.57	93.65	8.6	33.38	8.1	24.4	0.57
C6	26 Aug 2025	10	16.84	91.74	8.6	33.38	8.1	24.3	0.80
C7	04 Aug 2025	1	20.66	87.14	8.9	33.56	8.2	23.5	0.94
C7	04 Aug 2025	2	20.61	87.36	8.9	33.56	8.2	23.5	0.99
C7	04 Aug 2025	3	20.36	88.22	9.0	33.56	8.2	23.6	1.02
C7	04 Aug 2025	4	19.74	88.37	9.1	33.56	8.2	23.7	1.00
C7	04 Aug 2025	5	18.94	88.19	9.3	33.55	8.2	23.9	1.11
C7	04 Aug 2025	6	18.58	88.31	9.4	33.52	8.2	24.0	1.20
C7	04 Aug 2025	7	18.24	88.52	9.4	33.53	8.2	24.1	1.34
C7	04 Aug 2025	8	17.78	88.13	9.4	33.52	8.2	24.2	1.78
C7	04 Aug 2025	9	16.96	86.73	9.6	33.51	8.2	24.4	2.37
C7	04 Aug 2025	10	16.61	84.81	9.7	33.50	8.2	24.5	3.75
C7	04 Aug 2025	11	16.59	83.71	9.7	33.49	8.2	24.5	4.77
C7	04 Aug 2025	12	16.57	82.53	9.7	33.49	8.2	24.5	5.44
C7	04 Aug 2025	13	16.46	81.17	9.5	33.50	8.2	24.5	6.13
C7	04 Aug 2025	14	16.04	78.87	9.2	33.52	8.2	24.6	8.64
C7	04 Aug 2025	15	15.14	74.53	8.6	33.55	8.1	24.8	11.73
C7	04 Aug 2025	16	14.29	76.75	7.9	33.53	8.0	25.0	8.22
C7	04 Aug 2025	17	13.92	83.95	7.3	33.52	8.0	25.1	2.89
C7	04 Aug 2025	18	13.99	85.78	7.2	33.50	7.9	25.0	1.77
C7	11 Aug 2025	1	21.57	92.99	8.3	33.59	8.2	23.3	0.52
C7	11 Aug 2025	2	21.58	91.55	8.2	33.59	8.2	23.3	0.52
C7	11 Aug 2025	3	21.56	92.44	8.1	33.60	8.2	23.3	0.52
C7	11 Aug 2025	4	20.54	93.12	8.4	33.60	8.2	23.6	0.51
C7	11 Aug 2025	5	19.71	93.79	8.7	33.56	8.2	23.7	0.36
C7	11 Aug 2025	6	19.47	94.62	8.8	33.54	8.2	23.8	0.35
C7	11 Aug 2025	7	19.25	95.34	8.7	33.53	8.2	23.8	0.37
C7	11 Aug 2025	8	17.74	95.33	9.0	33.53	8.2	24.2	0.40
C7	11 Aug 2025	9	16.60	94.84	9.3	33.47	8.2	24.4	0.59
C7	11 Aug 2025	10	16.01	93.89	9.4	33.43	8.2	24.5	0.93
C7	11 Aug 2025	11	15.46	92.52	9.2	33.43	8.1	24.7	1.85
C7	11 Aug 2025	12	14.68	89.90	8.7	33.42	8.1	24.8	2.36
C7	11 Aug 2025	13	13.98	91.07	8.3	33.40	8.1	25.0	1.27
C7	11 Aug 2025	14	13.39	91.68	7.9	33.40	8.0	25.1	1.28
C7	11 Aug 2025	15	13.16	92.03	7.5	33.39	8.0	25.1	1.53
C7	11 Aug 2025	16	13.06	92.18	7.3	33.39	8.0	25.1	1.41
C7	11 Aug 2025	17	13.02	91.58	7.3	33.40	8.0	25.1	1.07
C7	11 Aug 2025	18	13.11	88.61	7.2	33.41	8.0	25.1	1.02
C7	18 Aug 2025	1	21.52	87.43	8.0	33.62	8.2	23.3	1.38
C7	18 Aug 2025	2	21.52	88.28	8.0	33.62	8.2	23.3	1.41
C7	18 Aug 2025	3	21.49	88.44	8.0	33.62	8.2	23.3	1.45
C7	18 Aug 2025	4	21.38	88.80	8.1	33.61	8.2	23.3	1.26
C7	18 Aug 2025	5	21.30	90.07	8.2	33.60	8.2	23.4	1.02
C7	18 Aug 2025	6	21.17	92.06	8.3	33.60	8.2	23.4	0.87
C7	18 Aug 2025	7	21.10	93.46	8.4	33.60	8.2	23.4	0.79
C7	18 Aug 2025	8	21.06	94.16	8.5	33.59	8.2	23.4	0.80
C7	18 Aug 2025	9	20.95	94.04	8.6	33.59	8.2	23.4	0.93
C7	18 Aug 2025	10	20.83	93.65	8.8	33.58	8.2	23.5	1.17
C7	18 Aug 2025	11	20.68	92.87	9.0	33.57	8.2	23.5	1.13
C7	18 Aug 2025	12	20.43	92.68	9.3	33.55	8.2	23.5	1.16
C7	18 Aug 2025	13	19.51	92.97	9.8	33.53	8.3	23.8	1.18
C7	18 Aug 2025	14	19.23	94.36	9.7	33.50	8.3	23.8	1.23
C7	18 Aug 2025	15	17.99	94.58	9.8	33.46	8.2	24.1	1.30
C7	18 Aug 2025	16	17.63	94.20	9.6	33.44	8.2	24.2	2.23
C7	18 Aug 2025	17	17.08	93.03	9.1	33.42	8.2	24.3	2.02
C7	18 Aug 2025	18	16.43	94.02	8.6	33.40	8.1	24.4	0.65

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C7	26 Aug 2025	1	22.64	94.55	8.7	33.59	8.2	23.0	0.59
C7	26 Aug 2025	2	22.42	94.57	8.6	33.57	8.2	23.0	0.61
C7	26 Aug 2025	3	21.00	94.75	8.8	33.50	8.2	23.4	0.56
C7	26 Aug 2025	4	19.73	95.79	9.3	33.45	8.2	23.7	0.50
C7	26 Aug 2025	5	19.29	96.82	9.5	33.44	8.2	23.8	0.58
C7	26 Aug 2025	6	18.53	96.52	9.6	33.40	8.2	23.9	0.64
C7	26 Aug 2025	7	18.13	95.98	9.6	33.41	8.2	24.0	0.84
C7	26 Aug 2025	8	17.71	95.44	9.6	33.39	8.2	24.1	1.06
C7	26 Aug 2025	9	17.26	94.40	9.5	33.39	8.2	24.2	1.35
C7	26 Aug 2025	10	16.82	93.29	9.5	33.37	8.2	24.3	1.63
C7	26 Aug 2025	11	16.34	92.60	9.4	33.36	8.1	24.4	2.11
C7	26 Aug 2025	12	16.11	92.37	9.3	33.34	8.1	24.4	2.20
C7	26 Aug 2025	13	15.83	92.50	9.3	33.33	8.1	24.5	1.91
C7	26 Aug 2025	14	15.67	93.38	9.2	33.33	8.1	24.5	1.70
C7	26 Aug 2025	15	15.45	93.58	9.1	33.34	8.1	24.6	2.03
C7	26 Aug 2025	16	15.31	93.03	8.9	33.34	8.1	24.6	2.18
C7	26 Aug 2025	17	14.79	93.08	8.6	33.33	8.1	24.7	1.81
C7	26 Aug 2025	18	14.69	94.29	8.4	33.34	8.1	24.8	1.19
C8	04 Aug 2025	1	19.59	88.27	9.2	33.54	8.2	23.8	0.95
C8	04 Aug 2025	2	19.56	88.37	9.3	33.54	8.2	23.8	0.95
C8	04 Aug 2025	3	19.45	88.55	9.3	33.54	8.2	23.8	1.00
C8	04 Aug 2025	4	18.66	88.51	9.5	33.53	8.2	24.0	1.05
C8	04 Aug 2025	5	18.33	88.92	9.5	33.53	8.2	24.1	1.06
C8	04 Aug 2025	6	17.30	89.09	9.8	33.51	8.2	24.3	1.23
C8	04 Aug 2025	7	16.83	89.69	9.8	33.50	8.2	24.4	1.45
C8	04 Aug 2025	8	16.58	89.62	9.9	33.48	8.2	24.4	1.87
C8	04 Aug 2025	9	16.58	89.04	9.9	33.48	8.2	24.4	2.24
C8	04 Aug 2025	10	16.39	88.48	9.9	33.48	8.2	24.5	2.34
C8	04 Aug 2025	11	16.12	88.56	10.1	33.49	8.2	24.6	3.17
C8	04 Aug 2025	12	16.07	85.41	10.2	33.49	8.2	24.6	5.23
C8	04 Aug 2025	13	16.07	82.50	10.2	33.49	8.2	24.6	5.10
C8	04 Aug 2025	14	15.78	82.19	10.1	33.49	8.2	24.6	5.26
C8	04 Aug 2025	15	15.73	81.60	10.1	33.50	8.2	24.6	6.43
C8	04 Aug 2025	16	15.67	79.49	9.8	33.50	8.2	24.7	7.41
C8	04 Aug 2025	17	14.33	77.52	8.9	33.53	8.1	25.0	7.80
C8	04 Aug 2025	18	13.82	81.10	8.1	33.51	8.0	25.1	5.19
C8	04 Aug 2025	19	13.57	84.89	7.7	33.49	8.0	25.1	3.35
C8	04 Aug 2025	20	14.19	86.60	8.0	33.49	8.0	25.0	4.67
C8	11 Aug 2025	1	21.34	91.71	8.3	33.59	8.2	23.3	0.68
C8	11 Aug 2025	2	21.11	91.14	8.3	33.60	8.2	23.4	0.59
C8	11 Aug 2025	3	19.91	91.08	8.7	33.57	8.2	23.7	0.61
C8	11 Aug 2025	4	19.79	92.48	8.8	33.55	8.2	23.7	0.52
C8	11 Aug 2025	5	19.65	93.49	8.8	33.54	8.2	23.7	0.45
C8	11 Aug 2025	6	19.09	94.11	8.9	33.54	8.2	23.9	0.43
C8	11 Aug 2025	7	18.16	94.44	9.1	33.52	8.2	24.1	0.47
C8	11 Aug 2025	8	17.39	94.65	9.3	33.48	8.2	24.3	0.49
C8	11 Aug 2025	9	16.96	94.63	9.2	33.47	8.2	24.3	0.55
C8	11 Aug 2025	10	15.97	94.48	9.3	33.42	8.2	24.5	0.64
C8	11 Aug 2025	11	15.67	94.23	9.3	33.40	8.1	24.6	0.86
C8	11 Aug 2025	12	15.60	93.74	9.3	33.40	8.1	24.6	1.27
C8	11 Aug 2025	13	15.51	92.70	9.2	33.39	8.1	24.6	1.75
C8	11 Aug 2025	14	15.13	90.65	9.1	33.39	8.1	24.7	2.83
C8	11 Aug 2025	15	14.72	89.46	8.8	33.40	8.1	24.8	2.94
C8	11 Aug 2025	16	13.90	89.80	8.4	33.40	8.1	25.0	1.61
C8	11 Aug 2025	17	13.49	91.08	8.0	33.37	8.0	25.0	1.24
C8	11 Aug 2025	18	13.46	91.24	7.8	33.37	8.0	25.0	1.21
C8	11 Aug 2025	19	13.46	90.55	7.7	33.37	8.0	25.0	1.21
C8	11 Aug 2025	20	13.60	90.15	7.8	33.38	8.0	25.0	1.35
C8	18 Aug 2025	1	21.71	91.23	8.0	33.63	8.2	23.3	0.76
C8	18 Aug 2025	2	21.78	91.23	7.9	33.64	8.2	23.2	0.88
C8	18 Aug 2025	3	21.76	91.00	7.9	33.63	8.2	23.2	0.99
C8	18 Aug 2025	4	21.64	91.40	8.0	33.63	8.2	23.3	0.81
C8	18 Aug 2025	5	21.61	93.72	8.0	33.62	8.2	23.3	0.61
C8	18 Aug 2025	6	21.52	94.89	8.1	33.62	8.2	23.3	0.62
C8	18 Aug 2025	7	21.37	95.06	8.2	33.61	8.2	23.3	0.61
C8	18 Aug 2025	8	21.01	95.35	8.3	33.59	8.2	23.4	0.59
C8	18 Aug 2025	9	20.82	95.46	8.4	33.58	8.2	23.5	0.60
C8	18 Aug 2025	10	20.63	95.68	8.6	33.57	8.2	23.5	0.60
C8	18 Aug 2025	11	20.08	95.85	8.9	33.55	8.2	23.6	0.62
C8	18 Aug 2025	12	19.79	95.86	9.1	33.54	8.2	23.7	0.67

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C8	18 Aug 2025	13	19.65	95.57	9.2	33.53	8.2	23.7	0.83
C8	18 Aug 2025	14	19.24	95.13	9.4	33.51	8.2	23.8	1.11
C8	18 Aug 2025	15	18.69	93.82	9.7	33.48	8.2	23.9	1.67
C8	18 Aug 2025	16	17.80	93.47	10.0	33.46	8.2	24.1	1.61
C8	18 Aug 2025	17	17.86	93.22	9.8	33.45	8.2	24.1	1.90
C8	18 Aug 2025	18	17.00	92.28	9.4	33.42	8.2	24.3	2.10
C8	18 Aug 2025	19	16.21	92.44	9.1	33.40	8.2	24.5	1.38
C8	18 Aug 2025	20	16.38	93.50	9.0	33.39	8.2	24.4	0.98
C8	26 Aug 2025	1	22.72	95.35	8.2	33.59	8.2	22.9	0.52
C8	26 Aug 2025	2	22.77	94.65	8.1	33.60	8.2	22.9	0.55
C8	26 Aug 2025	3	22.31	95.51	8.4	33.56	8.2	23.0	0.57
C8	26 Aug 2025	4	21.33	95.57	8.8	33.53	8.2	23.3	0.48
C8	26 Aug 2025	5	20.57	96.20	9.0	33.48	8.2	23.5	0.45
C8	26 Aug 2025	6	20.02	96.74	9.1	33.46	8.2	23.6	0.42
C8	26 Aug 2025	7	19.36	96.86	9.2	33.43	8.2	23.7	0.51
C8	26 Aug 2025	8	18.71	97.07	9.3	33.42	8.2	23.9	0.50
C8	26 Aug 2025	9	17.96	96.97	9.4	33.40	8.2	24.1	0.74
C8	26 Aug 2025	10	17.20	96.02	9.6	33.38	8.2	24.2	1.19
C8	26 Aug 2025	11	16.42	95.41	9.5	33.35	8.2	24.4	1.91
C8	26 Aug 2025	12	15.84	93.00	9.3	33.34	8.1	24.5	2.34
C8	26 Aug 2025	13	15.55	91.81	9.2	33.34	8.1	24.6	2.52
C8	26 Aug 2025	14	15.37	91.67	9.1	33.33	8.1	24.6	2.48
C8	26 Aug 2025	15	15.27	91.79	9.0	33.34	8.1	24.6	2.37
C8	26 Aug 2025	16	15.21	91.75	8.9	33.34	8.1	24.6	2.46
C8	26 Aug 2025	17	15.06	91.84	8.8	33.33	8.1	24.7	2.16
C8	26 Aug 2025	18	14.94	92.30	8.7	33.34	8.1	24.7	1.60
C8	26 Aug 2025	19	14.94	92.70	8.6	33.35	8.1	24.7	1.57
C8	26 Aug 2025	20	14.97	92.80	8.6	33.35	8.1	24.7	NA

NA = not available

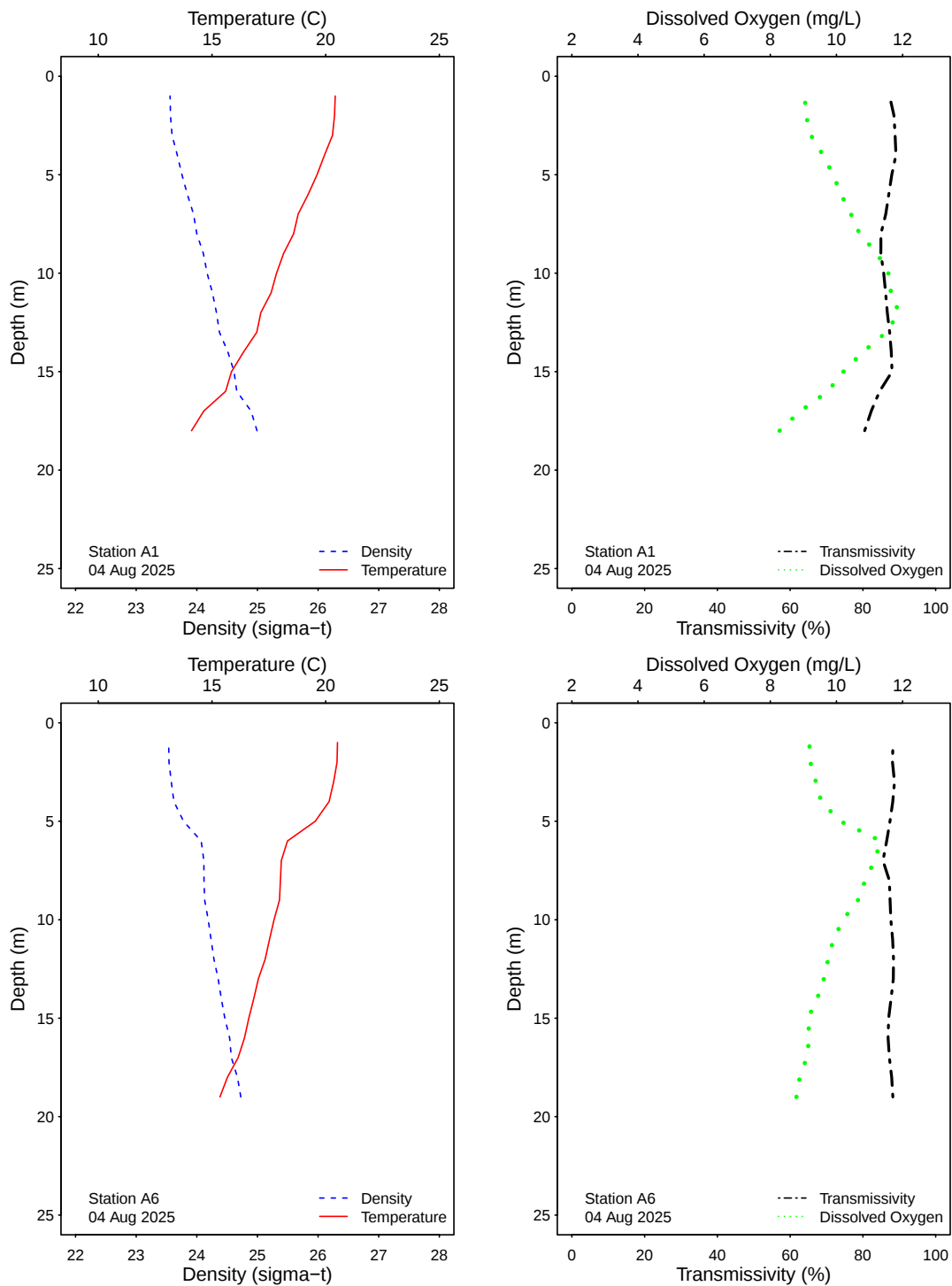


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

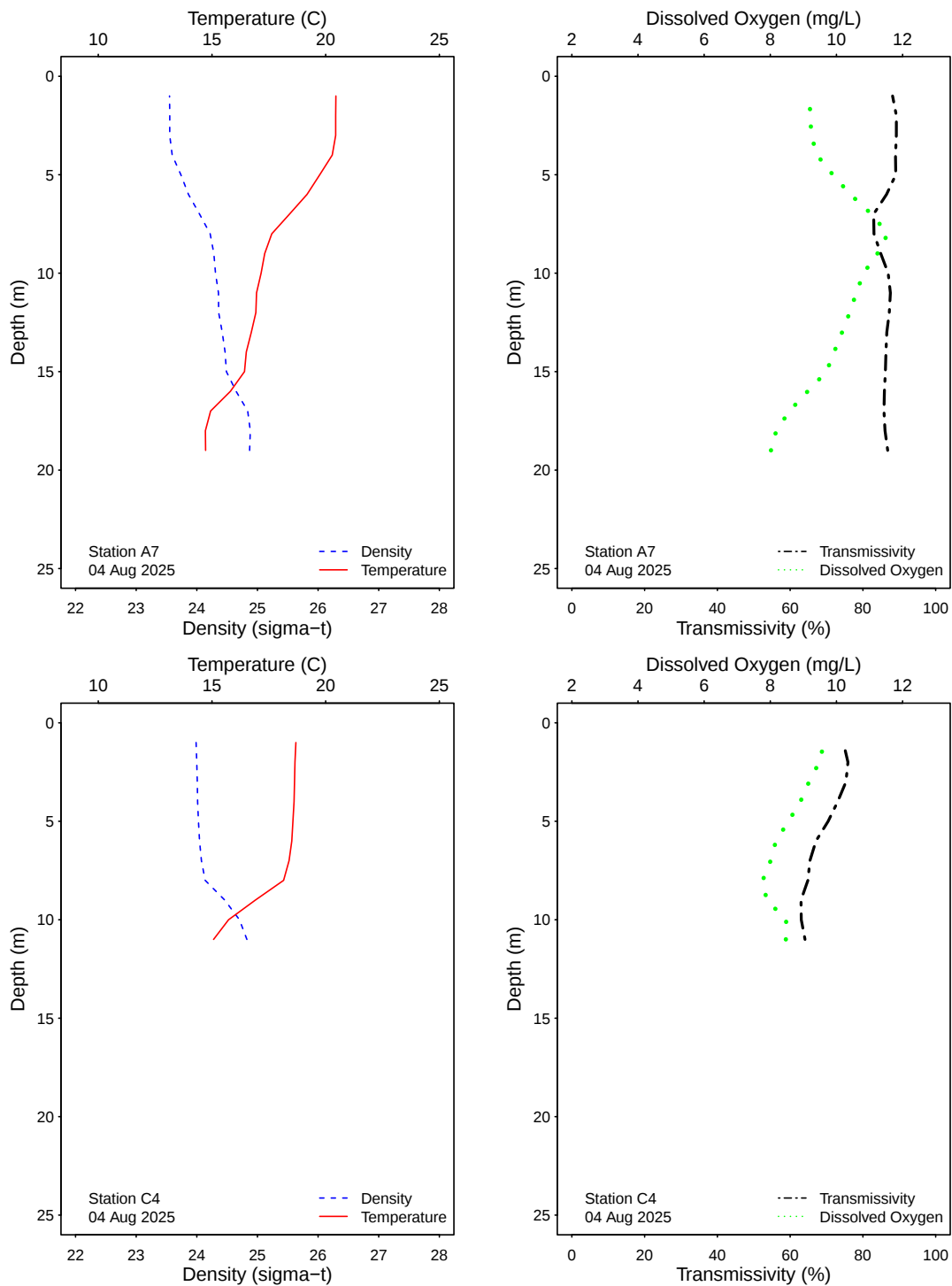


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

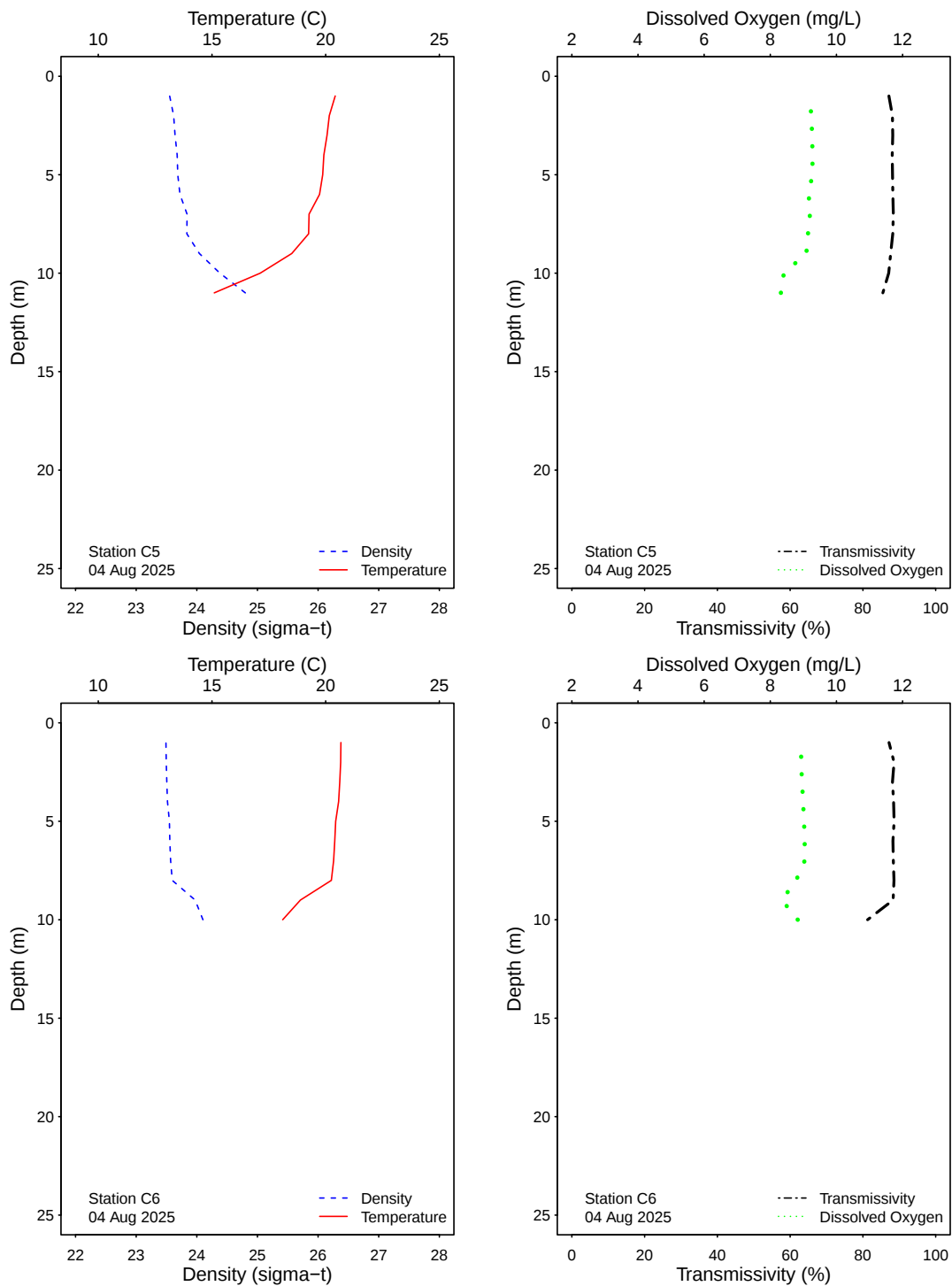


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

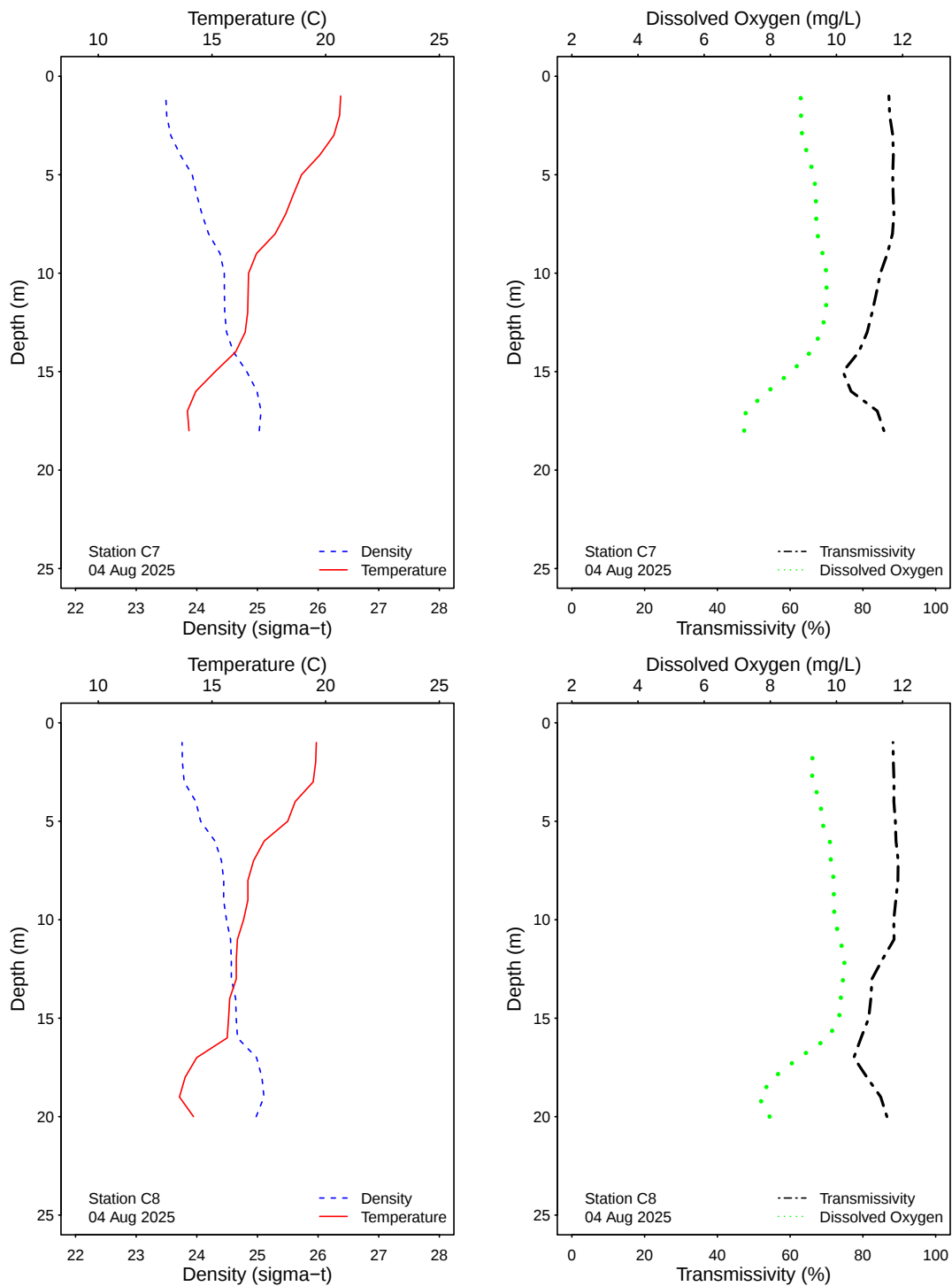


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

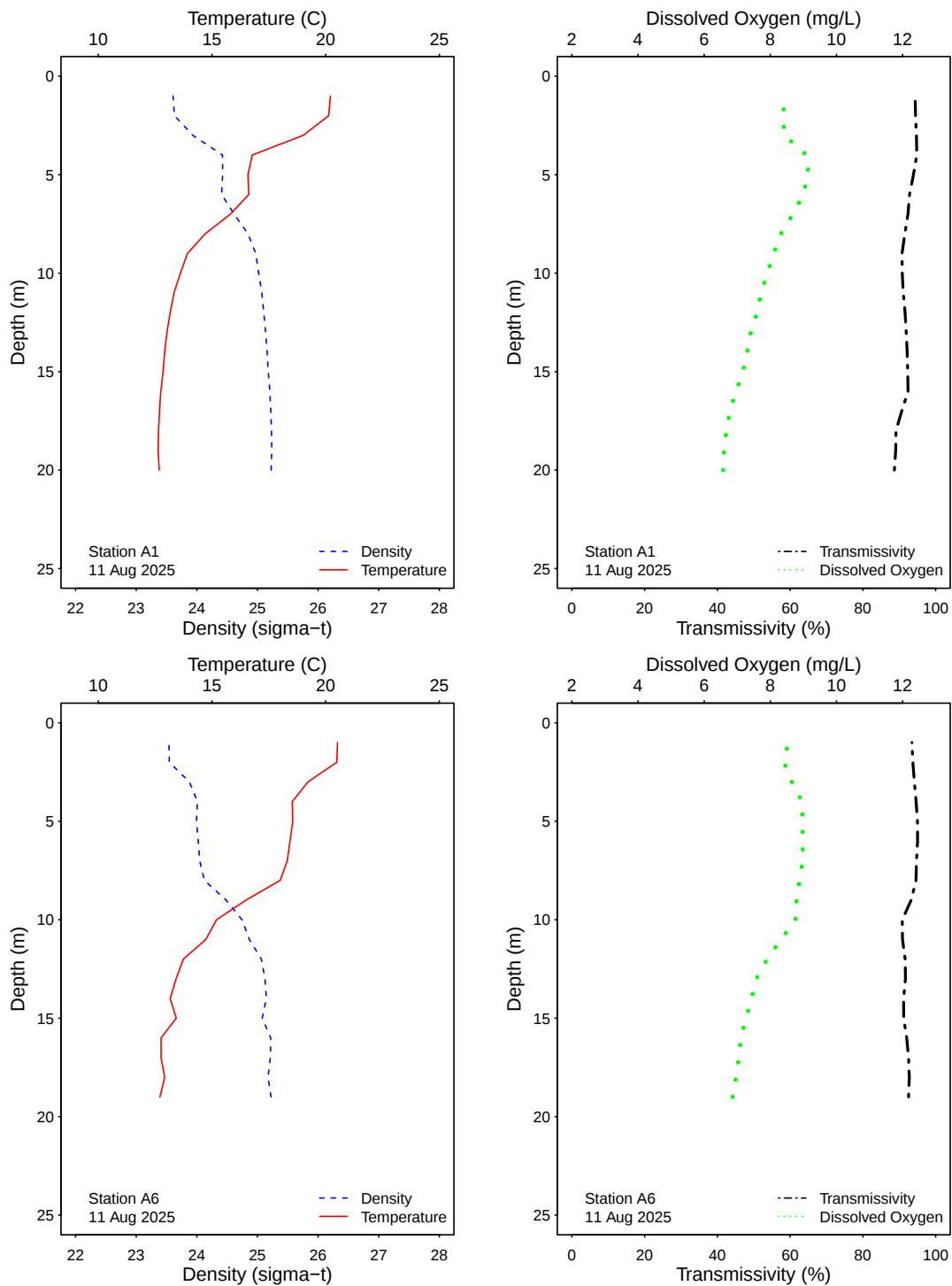


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

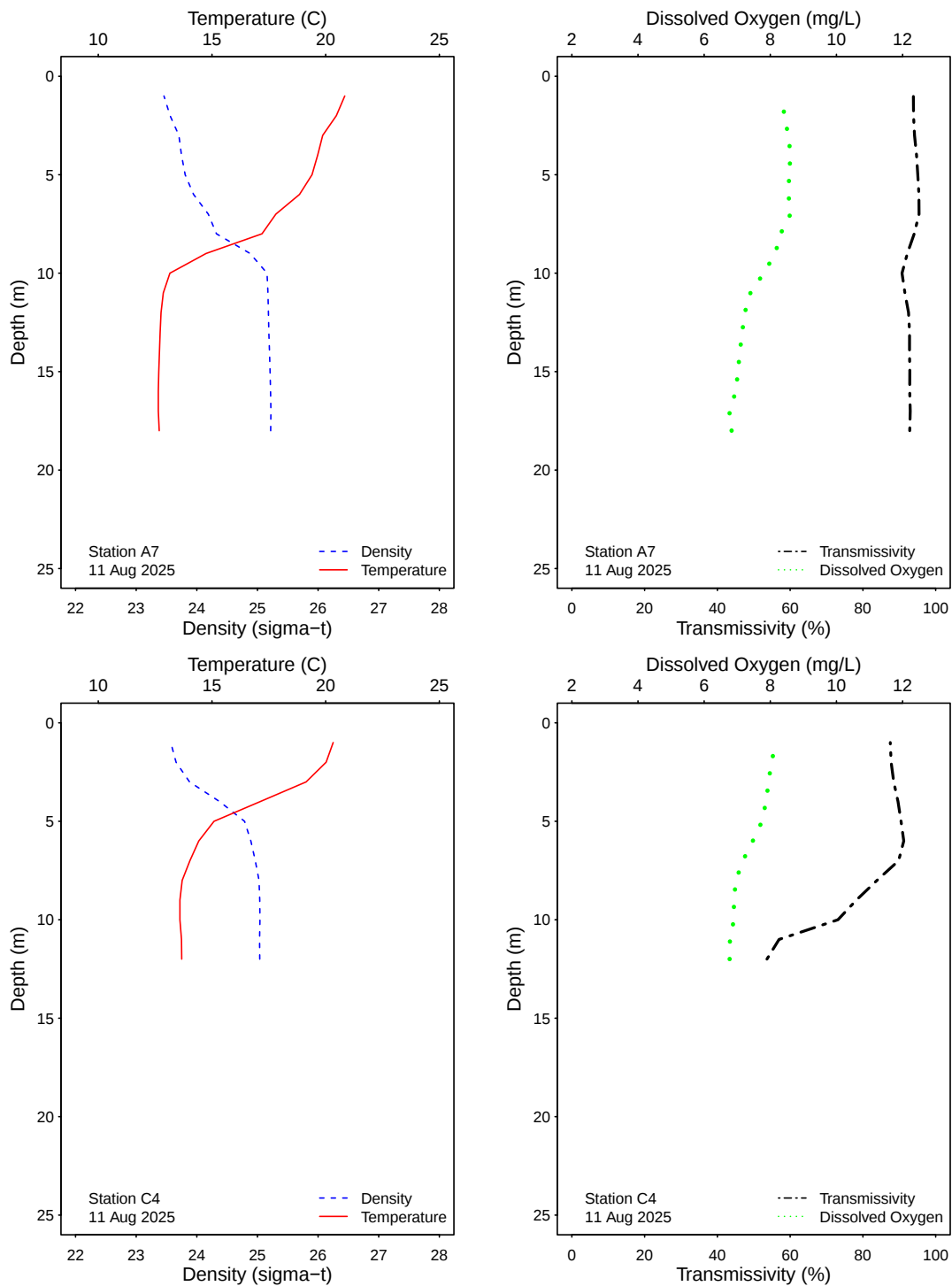


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

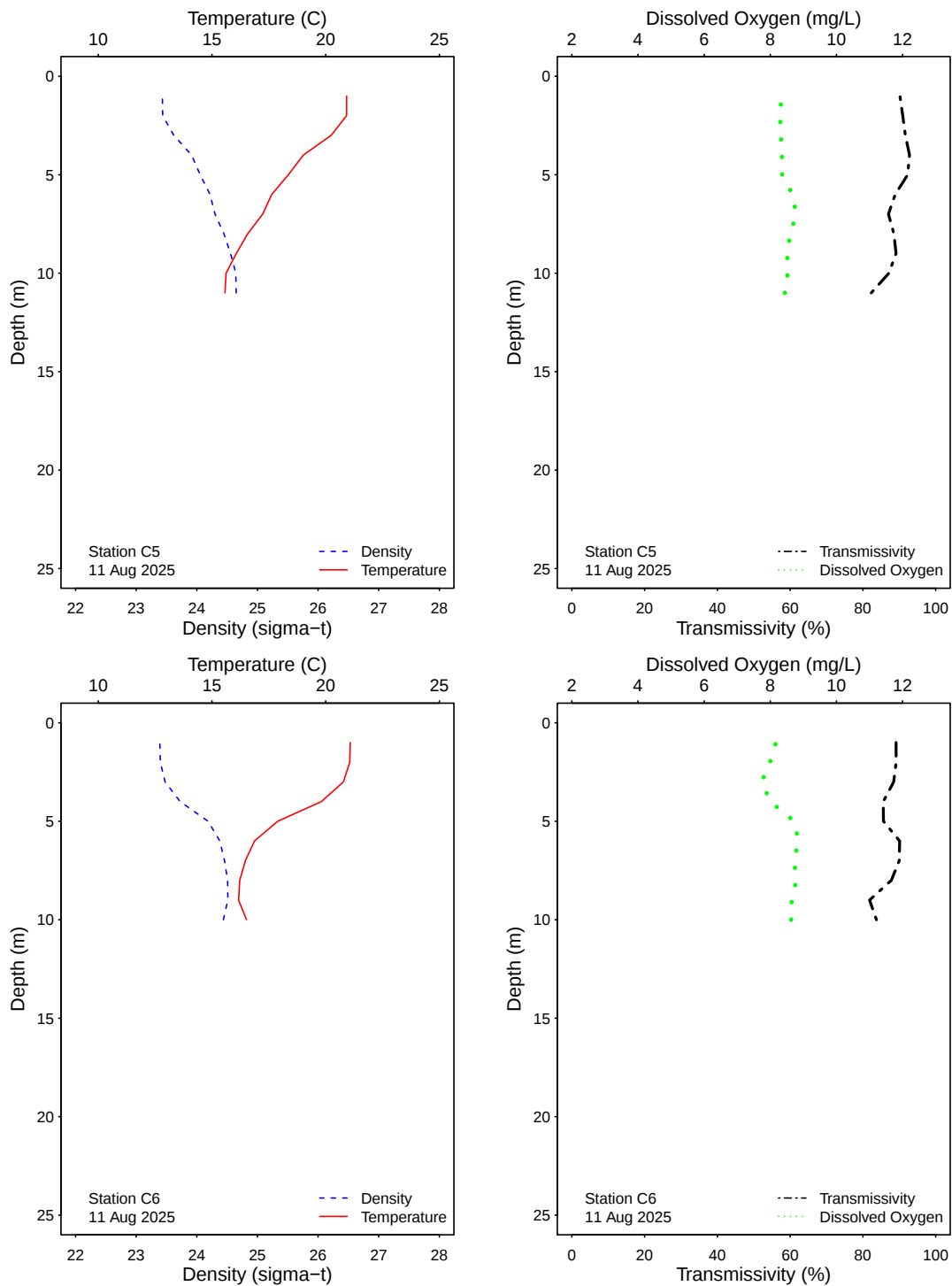


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

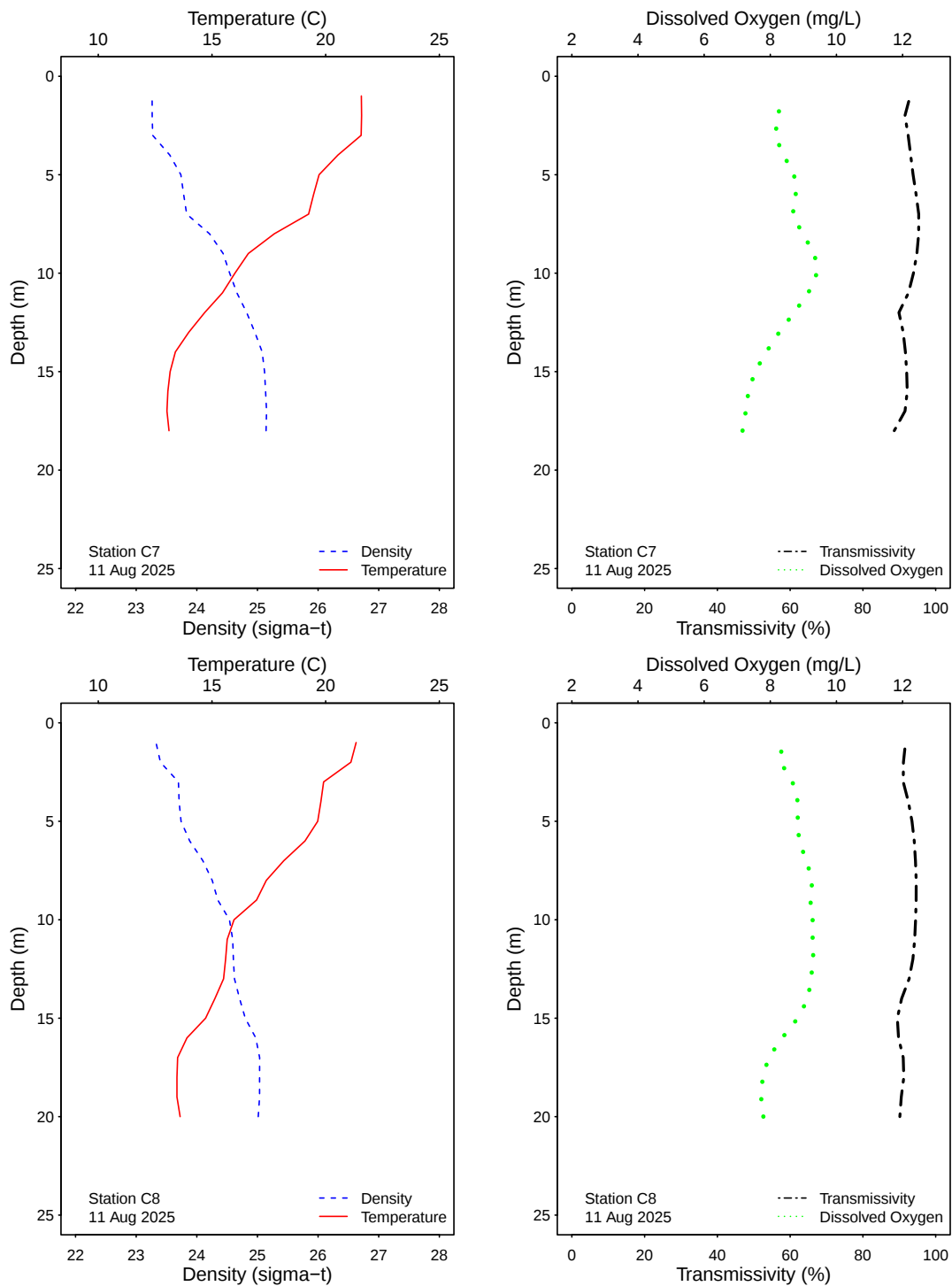


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

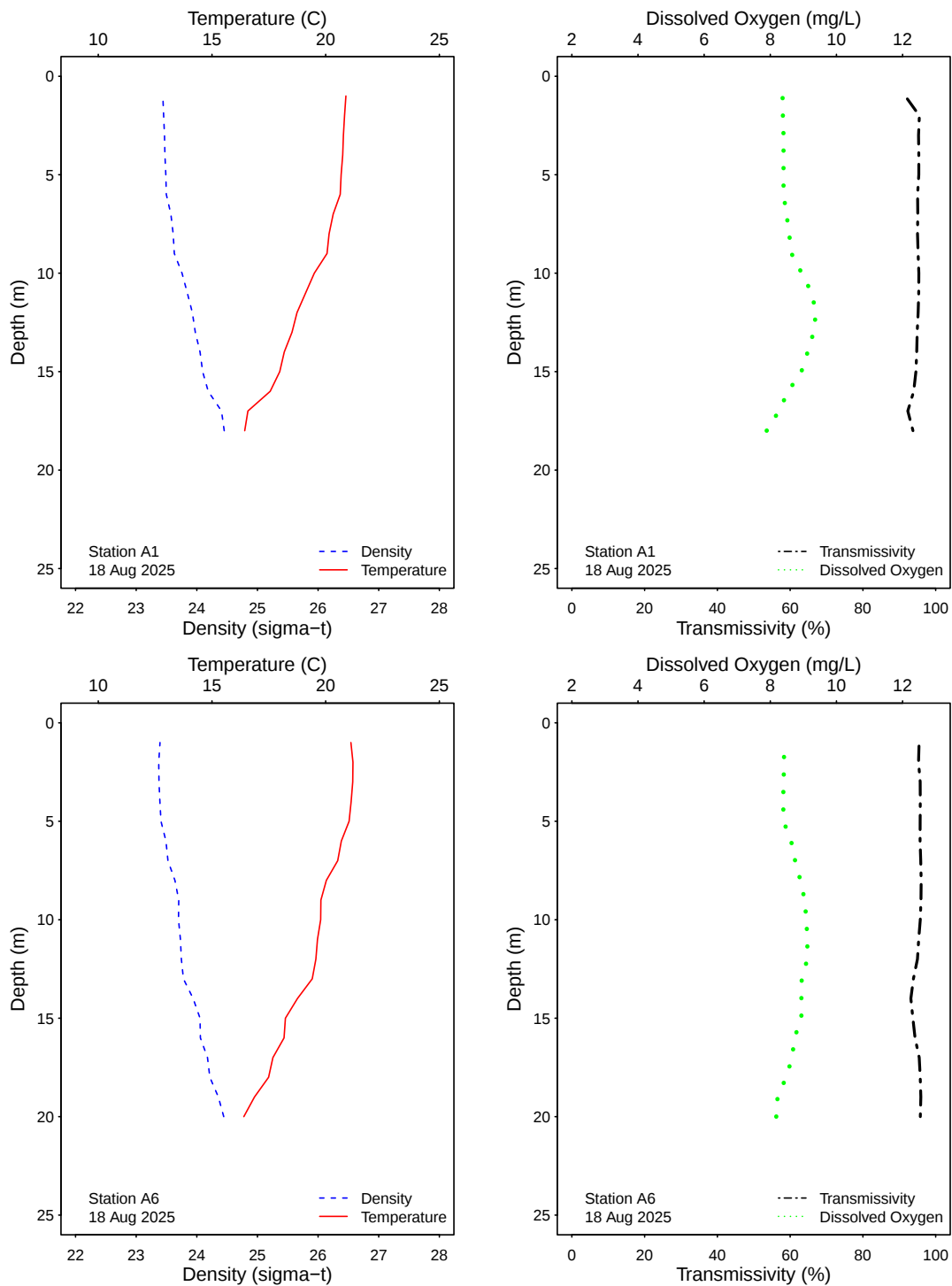


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

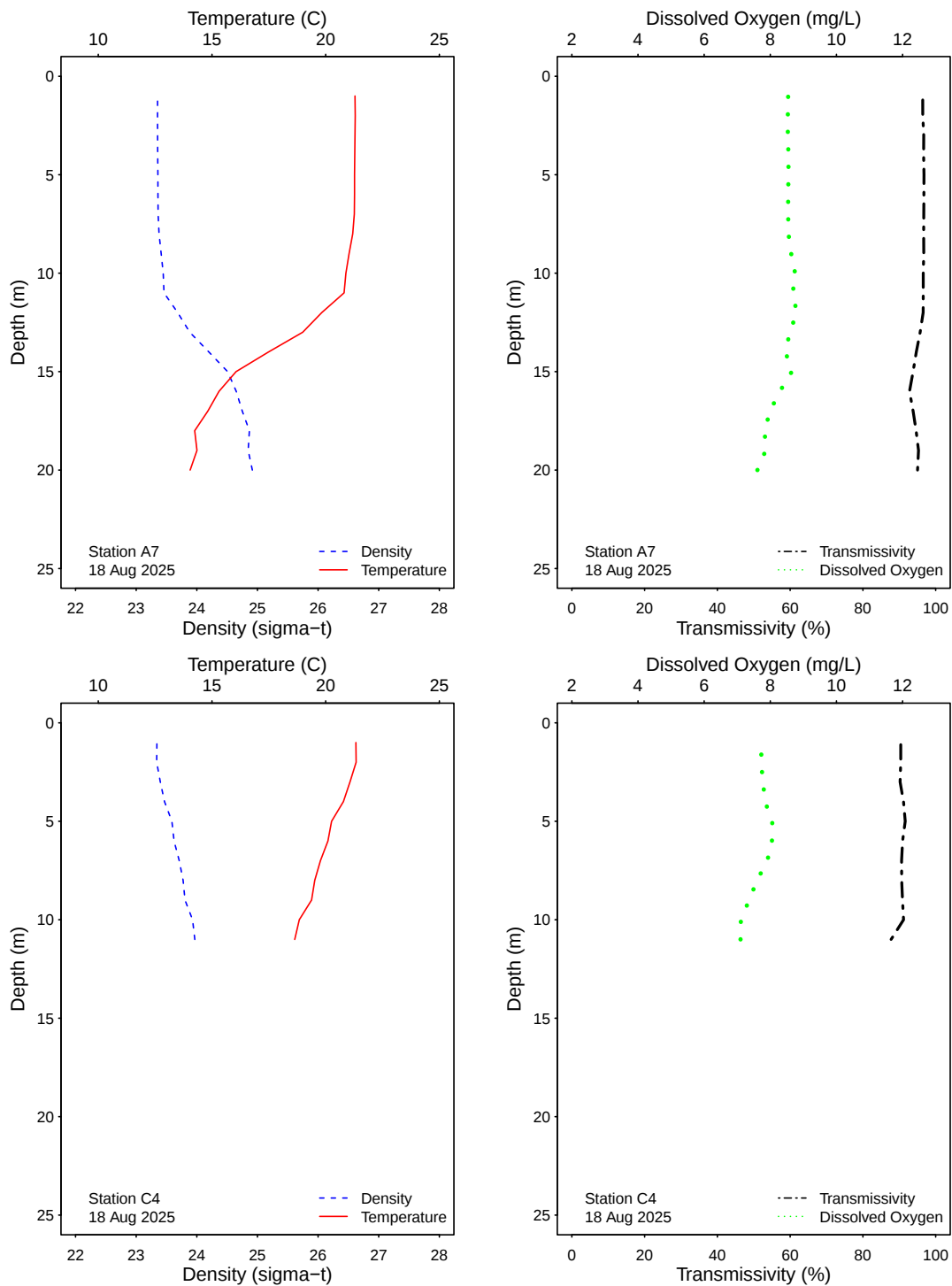


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

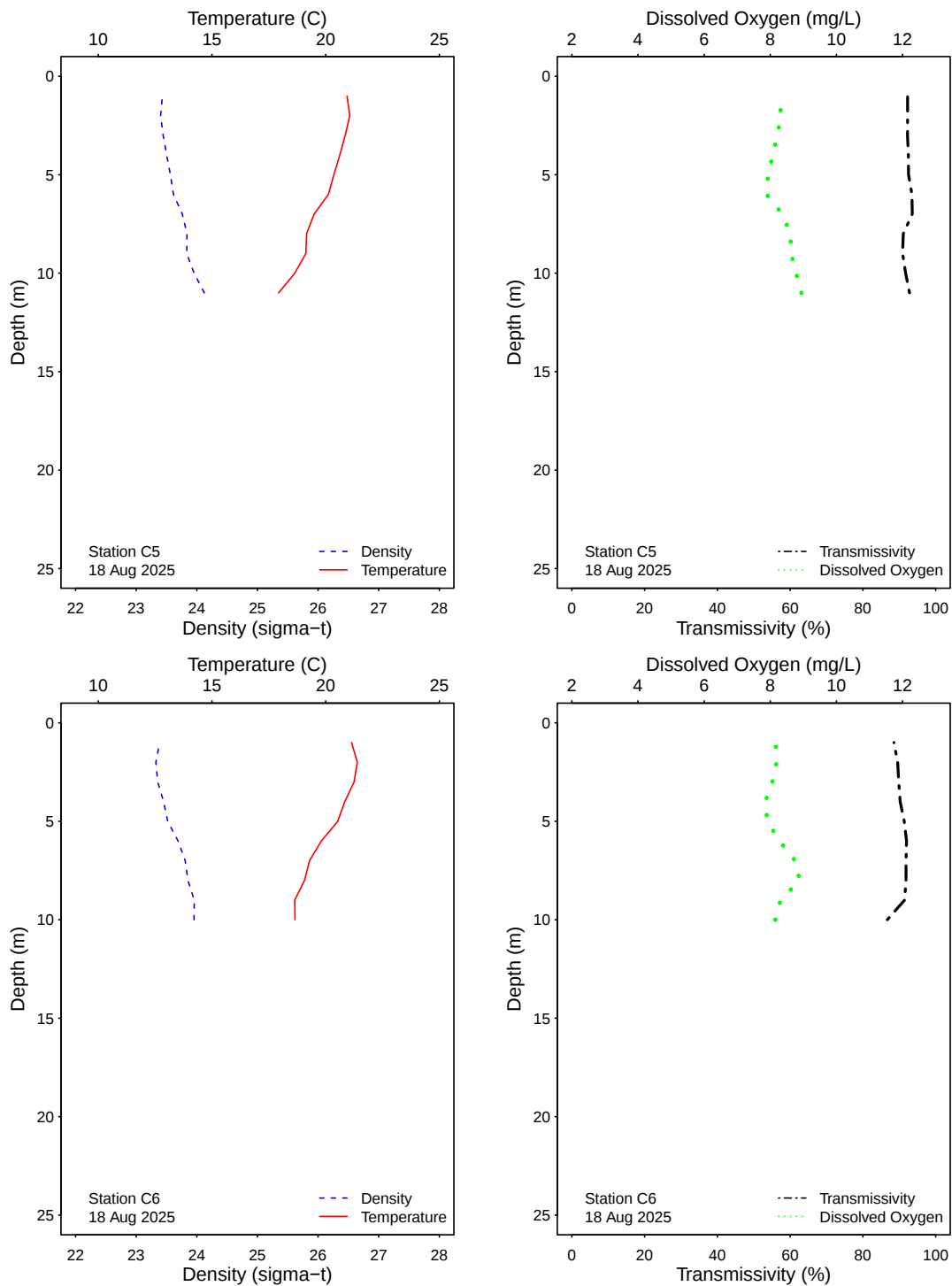


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

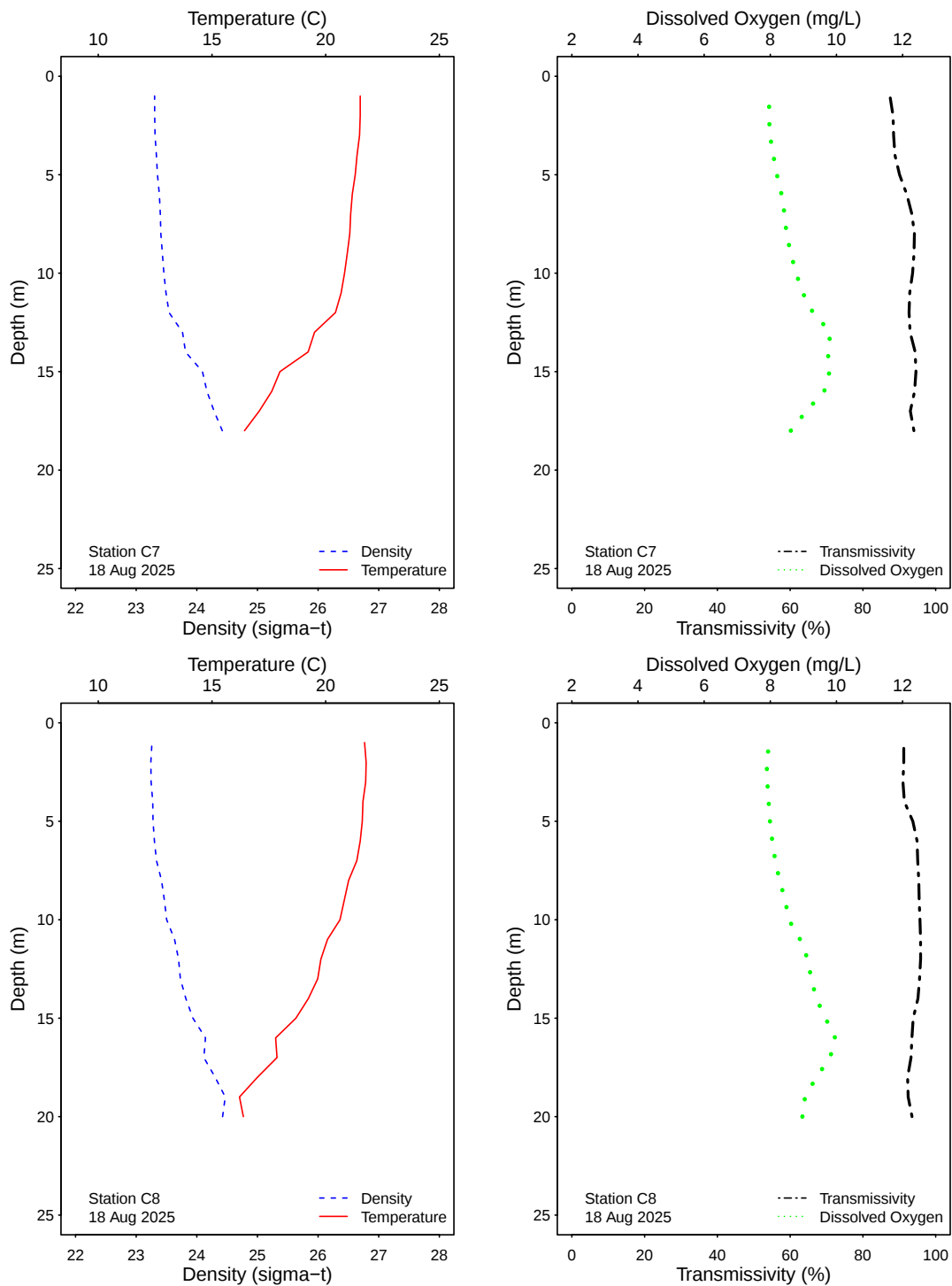


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

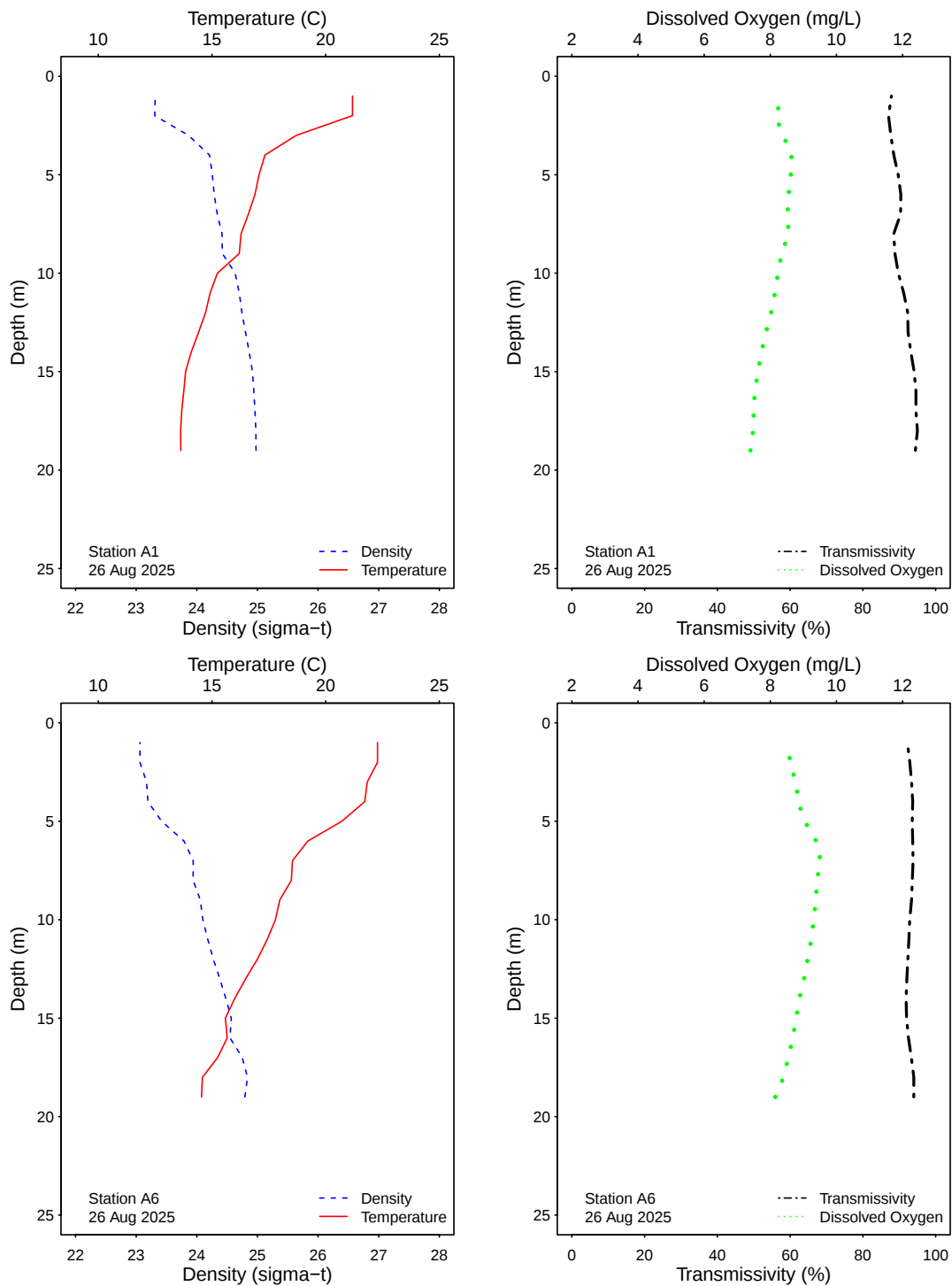


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

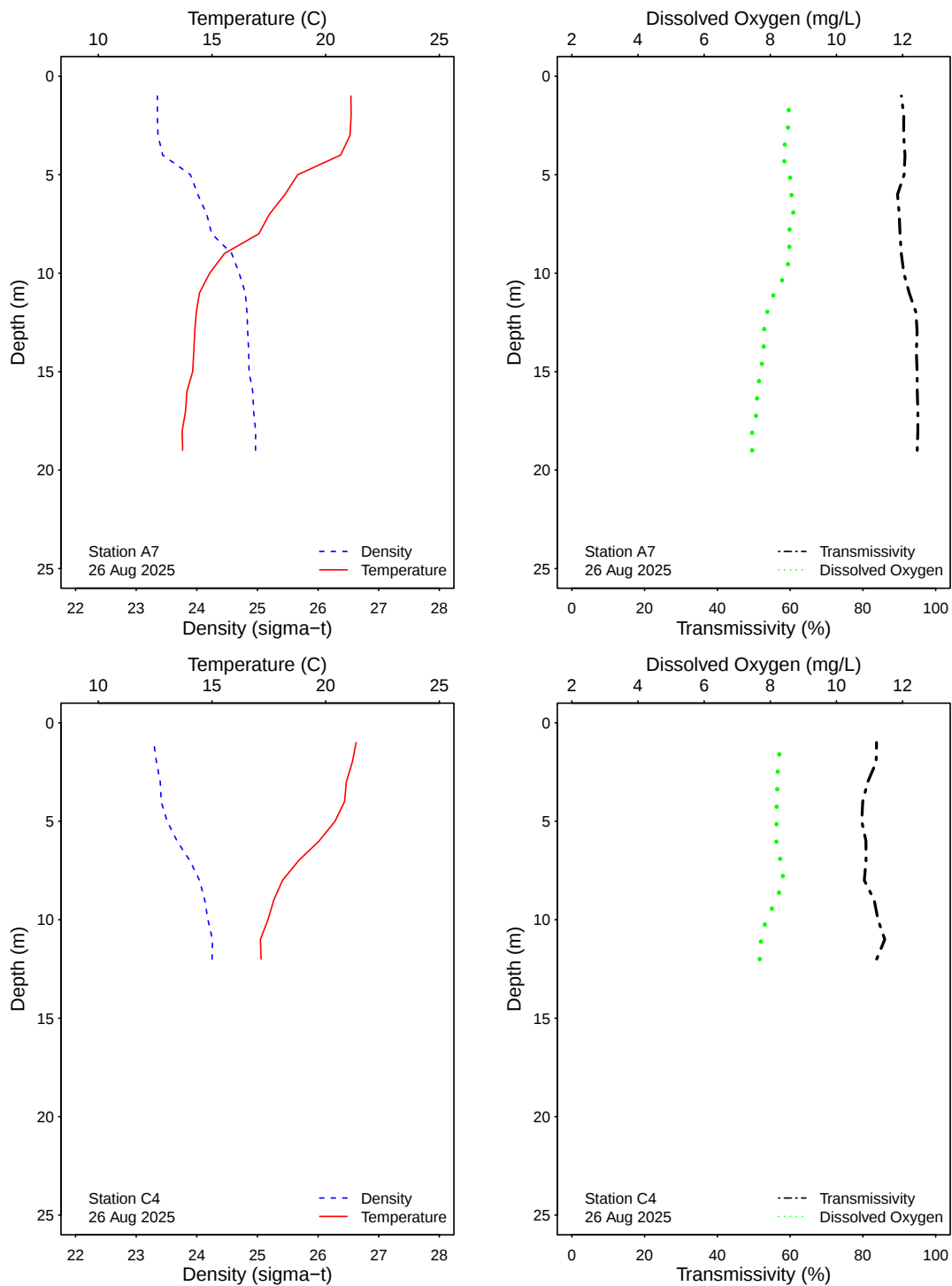


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

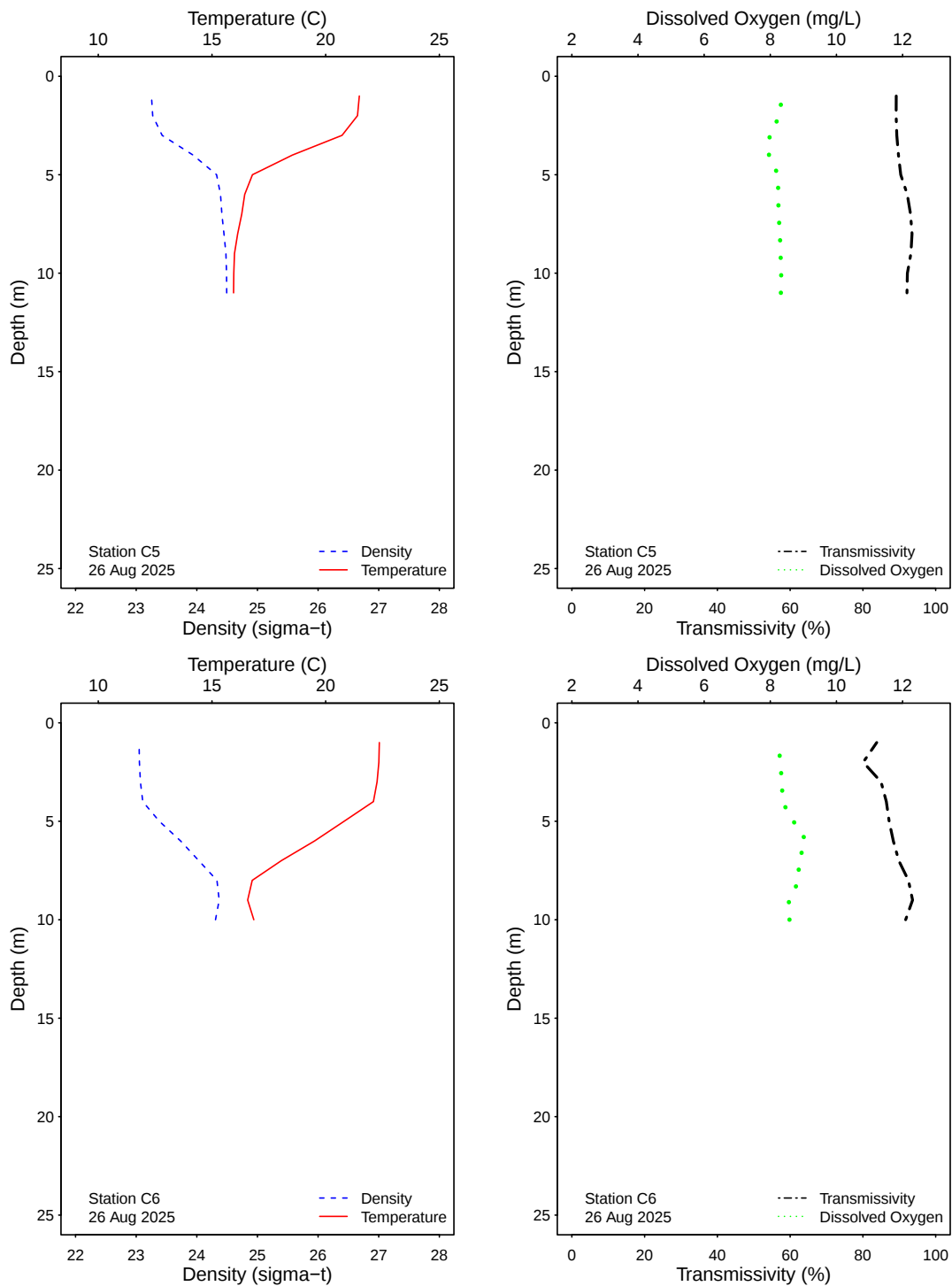


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

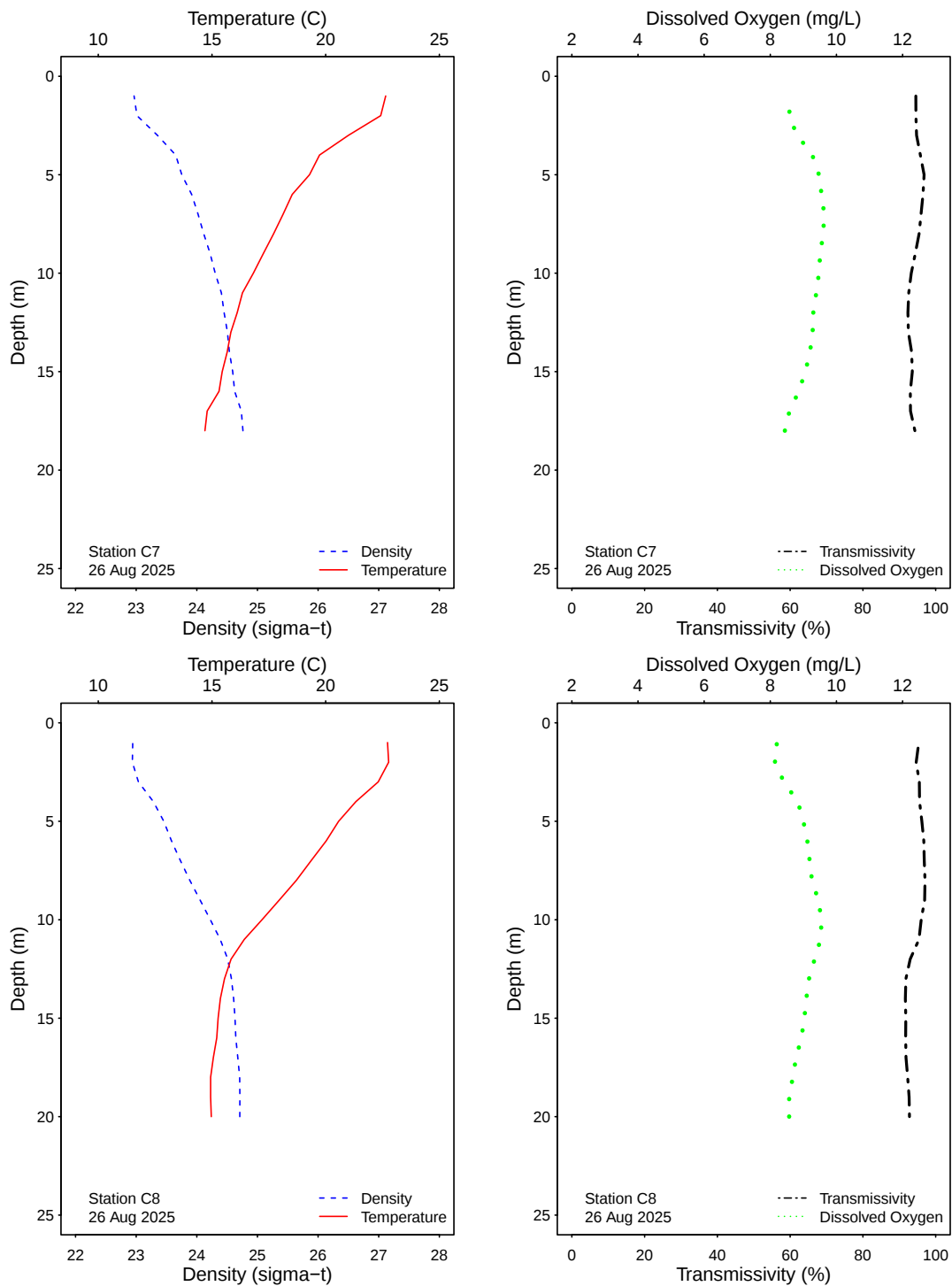


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

Offshore Stations

Table 4.1

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

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

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

Table 4.2

Summary of water quality parameters at the PLOO offshore stations for each sample date. 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 Aug 2025	1104	1	<2
F01	13 Aug 2025	1104	12	<2
F01	13 Aug 2025	1104	18	<2
F02	13 Aug 2025	754	1	<2
F02	13 Aug 2025	754	12	<2
F02	13 Aug 2025	754	18	<2
F03	13 Aug 2025	810	1	<2
F03	13 Aug 2025	810	12	<2
F03	13 Aug 2025	810	18	<2
F04	13 Aug 2025	1043	1	<2
F04	13 Aug 2025	1043	25	<2
F04	13 Aug 2025	1043	60	<2
F05	13 Aug 2025	1029	1	<2
F05	13 Aug 2025	1029	25	<2
F05	13 Aug 2025	1029	60	<2
F06	13 Aug 2025	1015	1	<2
F06	13 Aug 2025	1015	25	<2
F06	13 Aug 2025	1015	60	<2
F07	13 Aug 2025	1000	1	<2
F07	13 Aug 2025	1000	25	<2
F07	13 Aug 2025	1000	60	<2
F08	13 Aug 2025	948	1	<2
F08	13 Aug 2025	948	25	<2
F08	13 Aug 2025	948	60	<2
F09	13 Aug 2025	937	1	<2
F09	13 Aug 2025	937	25	<2
F09	13 Aug 2025	937	60	38e
F10	13 Aug 2025	924	1	<2
F10	13 Aug 2025	924	25	<2
F10	13 Aug 2025	924	60	4e
F11	13 Aug 2025	911	1	<2
F11	13 Aug 2025	911	25	<2
F11	13 Aug 2025	911	60	2e
F12	13 Aug 2025	857	1	<2
F12	13 Aug 2025	857	25	<2
F12	13 Aug 2025	857	60	<2
F13	13 Aug 2025	839	1	<2
F13	13 Aug 2025	839	25	<2
F13	13 Aug 2025	839	60	2e

Station	Date	Time	Depth	Entero
F14	13 Aug 2025	826	1	<2
F14	13 Aug 2025	826	25	<2
F14	13 Aug 2025	826	60	4e
F15	14 Aug 2025	1110	1	<2
F15	14 Aug 2025	1110	25	<2
F15	14 Aug 2025	1110	60	<2
F15	14 Aug 2025	1110	80	<2
F16	14 Aug 2025	1057	1	<2
F16	14 Aug 2025	1057	25	<2
F16	14 Aug 2025	1057	60	<2
F16	14 Aug 2025	1057	80	<2
F17	14 Aug 2025	1042	1	<2
F17	14 Aug 2025	1042	25	<2
F17	14 Aug 2025	1042	60	<2
F17	14 Aug 2025	1042	80	4e
F18	14 Aug 2025	1027	1	<2
F18	14 Aug 2025	1027	25	<2
F18	14 Aug 2025	1027	60	<2
F18	14 Aug 2025	1027	80	120
F19	14 Aug 2025	1012	1	2e
F19	14 Aug 2025	1012	25	<2
F19	14 Aug 2025	1012	60	16e
F19	14 Aug 2025	1012	80	280e
F20	14 Aug 2025	955	1	<2
F20	14 Aug 2025	955	25	4e
F20	14 Aug 2025	955	60	<2
F20	14 Aug 2025	955	80	92
F21	14 Aug 2025	940	1	<2
F21	14 Aug 2025	940	25	<2
F21	14 Aug 2025	940	60	64
F21	14 Aug 2025	940	80	46
F22	14 Aug 2025	924	1	<2
F22	14 Aug 2025	924	25	<2
F22	14 Aug 2025	924	60	88
F22	14 Aug 2025	924	80	120e
F23	14 Aug 2025	910	1	<2
F23	14 Aug 2025	910	25	<2
F23	14 Aug 2025	910	60	26e
F23	14 Aug 2025	910	80	200e
F24	14 Aug 2025	853	1	<2
F24	14 Aug 2025	853	25	<2
F24	14 Aug 2025	853	60	<20
F24	14 Aug 2025	853	80	110
F25	14 Aug 2025	836	1	<2
F25	14 Aug 2025	836	25	<2
F25	14 Aug 2025	836	60	6e
F25	14 Aug 2025	836	80	>120
F26	12 Aug 2025	1350	1	<2

Station	Date	Time	Depth	Entero
F26	12 Aug 2025	1350	25	<2
F26	12 Aug 2025	1350	60	<2
F26	12 Aug 2025	1350	80	<2
F26	12 Aug 2025	1350	98	<2
F27	12 Aug 2025	1334	1	2e
F27	12 Aug 2025	1334	25	<2
F27	12 Aug 2025	1334	60	<2
F27	12 Aug 2025	1334	80	<2
F27	12 Aug 2025	1334	98	2e
F28	12 Aug 2025	1314	1	<2
F28	12 Aug 2025	1314	25	<2
F28	12 Aug 2025	1314	60	<2
F28	12 Aug 2025	1314	80	<2
F28	12 Aug 2025	1314	98	14e
F29	12 Aug 2025	1254	1	<2
F29	12 Aug 2025	1254	25	<2
F29	12 Aug 2025	1254	60	<2
F29	12 Aug 2025	1254	80	4e
F29	12 Aug 2025	1254	98	100
F30	12 Aug 2025	1134	1	<2
F30	12 Aug 2025	1134	25	<2
F30	12 Aug 2025	1134	60	<2
F30	12 Aug 2025	1134	80	120
F30	12 Aug 2025	1134	98	400
F31	12 Aug 2025	1115	1	<2
F31	12 Aug 2025	1115	25	<2
F31	12 Aug 2025	1115	60	<2
F31	12 Aug 2025	1115	80	180e
F31	12 Aug 2025	1115	98	220e
F32	12 Aug 2025	1051	1	<2
F32	12 Aug 2025	1051	25	<2
F32	12 Aug 2025	1051	60	<2
F32	12 Aug 2025	1051	80	380e
F32	12 Aug 2025	1051	98	140e
F33	12 Aug 2025	1030	1	<2
F33	12 Aug 2025	1030	25	<2
F33	12 Aug 2025	1030	60	18e
F33	12 Aug 2025	1030	80	78
F33	12 Aug 2025	1030	98	160e
F34	12 Aug 2025	953	1	<2
F34	12 Aug 2025	953	25	<2
F34	12 Aug 2025	953	60	2e
F34	12 Aug 2025	953	80	16e
F34	12 Aug 2025	953	98	28e
F35	12 Aug 2025	924	1	<2
F35	12 Aug 2025	924	25	<2
F35	12 Aug 2025	924	60	<2
F35	12 Aug 2025	924	80	<2
F35	12 Aug 2025	924	98	<2
F36	12 Aug 2025	846	1	<2
F36	12 Aug 2025	846	25	<2

Station	Date	Time	Depth	Entero
F36	12 Aug 2025	846	60	<2
F36	12 Aug 2025	846	80	2e
F36	12 Aug 2025	846	98	<2

ns = not sampled

ND = no data

Table 4.3

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

Station	Date	Parameter	Value
F26	12 Aug 2025	Arrive Time	1350
F26	12 Aug 2025	Depart Time	1406
F26	12 Aug 2025	Air Temp (C)	18.6
F26	12 Aug 2025	Visibility (mi)	6
F26	12 Aug 2025	Wind Speed (kts)	5
F26	12 Aug 2025	Wind Dir	SW
F26	12 Aug 2025	Sea State	Light Chop
F26	12 Aug 2025	High Tide Time	6
F26	12 Aug 2025	Low Tide Time	542
F26	12 Aug 2025	Comments	Niskin 5 and 6 misfire; recast for 98m only
F15	14 Aug 2025	Arrive Time	1110
F15	14 Aug 2025	Depart Time	1127
F15	14 Aug 2025	Air Temp (C)	18.5
F15	14 Aug 2025	Visibility (mi)	9
F15	14 Aug 2025	Wind Speed (kts)	4.7
F15	14 Aug 2025	Wind Dir	S
F15	14 Aug 2025	Sea State	Confused Swell
F15	14 Aug 2025	High Tide Time	1330
F15	14 Aug 2025	Low Tide Time	642
F15	14 Aug 2025	Comments	OA 1m Btl# 2508145181 Nsk# 5;OA 81m Btl# 2508145182 Nsk# 1;
F04	13 Aug 2025	Arrive Time	1043
F04	13 Aug 2025	Depart Time	1048
F04	13 Aug 2025	Air Temp (C)	19
F04	13 Aug 2025	Visibility (mi)	3
F04	13 Aug 2025	Wind Speed (kts)	8.6
F04	13 Aug 2025	Wind Dir	S
F04	13 Aug 2025	Sea State	Regular Swell
F04	13 Aug 2025	High Tide Time	1242
F04	13 Aug 2025	Low Tide Time	612
F04	13 Aug 2025	Comments	
F05	13 Aug 2025	Arrive Time	1029
F05	13 Aug 2025	Depart Time	1036
F05	13 Aug 2025	Air Temp (C)	17.9
F05	13 Aug 2025	Visibility (mi)	3
F05	13 Aug 2025	Wind Speed (kts)	9.9
F05	13 Aug 2025	Wind Dir	S
F05	13 Aug 2025	Sea State	Regular Swell
F05	13 Aug 2025	High Tide Time	1242
F05	13 Aug 2025	Low Tide Time	612
F05	13 Aug 2025	Comments	
F27	12 Aug 2025	Arrive Time	1334
F27	12 Aug 2025	Depart Time	1343
F27	12 Aug 2025	Air Temp (C)	18.7
F27	12 Aug 2025	Visibility (mi)	6
F27	12 Aug 2025	Wind Speed (kts)	6.8
F27	12 Aug 2025	Wind Dir	S
F27	12 Aug 2025	Sea State	Light Chop
F27	12 Aug 2025	High Tide Time	6
F27	12 Aug 2025	Low Tide Time	542
F27	12 Aug 2025	Comments	

Station	Date	Parameter	Value
F16	14 Aug 2025	Arrive Time	1057
F16	14 Aug 2025	Depart Time	1104
F16	14 Aug 2025	Air Temp (C)	18.2
F16	14 Aug 2025	Visibility (mi)	9
F16	14 Aug 2025	Wind Speed (kts)	5.6
F16	14 Aug 2025	Wind Dir	SW
F16	14 Aug 2025	Sea State	Confused Swell
F16	14 Aug 2025	High Tide Time	1330
F16	14 Aug 2025	Low Tide Time	642
F16	14 Aug 2025	Comments	
F28	12 Aug 2025	Arrive Time	1314
F28	12 Aug 2025	Depart Time	1324
F28	12 Aug 2025	Air Temp (C)	18.6
F28	12 Aug 2025	Visibility (mi)	6
F28	12 Aug 2025	Wind Speed (kts)	7.3
F28	12 Aug 2025	Wind Dir	S
F28	12 Aug 2025	Sea State	Light Chop
F28	12 Aug 2025	High Tide Time	6
F28	12 Aug 2025	Low Tide Time	542
F28	12 Aug 2025	Comments	
F17	14 Aug 2025	Arrive Time	1042
F17	14 Aug 2025	Depart Time	1049
F17	14 Aug 2025	Air Temp (C)	18.1
F17	14 Aug 2025	Visibility (mi)	9
F17	14 Aug 2025	Wind Speed (kts)	4.2
F17	14 Aug 2025	Wind Dir	S
F17	14 Aug 2025	Sea State	Confused Swell
F17	14 Aug 2025	High Tide Time	1330
F17	14 Aug 2025	Low Tide Time	642
F17	14 Aug 2025	Comments	
F06	13 Aug 2025	Arrive Time	1015
F06	13 Aug 2025	Depart Time	1029
F06	13 Aug 2025	Air Temp (C)	17.9
F06	13 Aug 2025	Visibility (mi)	3
F06	13 Aug 2025	Wind Speed (kts)	8.8
F06	13 Aug 2025	Wind Dir	S
F06	13 Aug 2025	Sea State	Regular Swell
F06	13 Aug 2025	High Tide Time	1242
F06	13 Aug 2025	Low Tide Time	612
F06	13 Aug 2025	Comments	
F01	13 Aug 2025	Arrive Time	1104
F01	13 Aug 2025	Depart Time	1109
F01	13 Aug 2025	Air Temp (C)	18.1
F01	13 Aug 2025	Visibility (mi)	3
F01	13 Aug 2025	Wind Speed (kts)	3.9
F01	13 Aug 2025	Wind Dir	NW
F01	13 Aug 2025	Sea State	Regular Swell
F01	13 Aug 2025	High Tide Time	1242
F01	13 Aug 2025	Low Tide Time	612
F01	13 Aug 2025	Comments	
F29	12 Aug 2025	Arrive Time	1254
F29	12 Aug 2025	Depart Time	1304
F29	12 Aug 2025	Air Temp (C)	18.8
F29	12 Aug 2025	Visibility (mi)	6
F29	12 Aug 2025	Wind Speed (kts)	5.9
F29	12 Aug 2025	Wind Dir	SE

Station	Date	Parameter	Value
F29	12 Aug 2025	Sea State	Light Chop
F29	12 Aug 2025	High Tide Time	6
F29	12 Aug 2025	Low Tide Time	542
F29	12 Aug 2025	Comments	
F18	14 Aug 2025	Arrive Time	1027
F18	14 Aug 2025	Depart Time	1034
F18	14 Aug 2025	Air Temp (C)	18.6
F18	14 Aug 2025	Visibility (mi)	9
F18	14 Aug 2025	Wind Speed (kts)	5.7
F18	14 Aug 2025	Wind Dir	S
F18	14 Aug 2025	Sea State	Confused Swell
F18	14 Aug 2025	High Tide Time	1330
F18	14 Aug 2025	Low Tide Time	642
F18	14 Aug 2025	Comments	
F07	13 Aug 2025	Arrive Time	1000
F07	13 Aug 2025	Depart Time	1007
F07	13 Aug 2025	Air Temp (C)	17.9
F07	13 Aug 2025	Visibility (mi)	3
F07	13 Aug 2025	Wind Speed (kts)	9.8
F07	13 Aug 2025	Wind Dir	S
F07	13 Aug 2025	Sea State	Regular Swell
F07	13 Aug 2025	High Tide Time	1242
F07	13 Aug 2025	Low Tide Time	612
F07	13 Aug 2025	Comments	
F30	12 Aug 2025	Arrive Time	1134
F30	12 Aug 2025	Depart Time	1143
F30	12 Aug 2025	Air Temp (C)	18.7
F30	12 Aug 2025	Visibility (mi)	6
F30	12 Aug 2025	Wind Speed (kts)	8.1
F30	12 Aug 2025	Wind Dir	SE
F30	12 Aug 2025	Sea State	Light Chop
F30	12 Aug 2025	High Tide Time	6
F30	12 Aug 2025	Low Tide Time	542
F30	12 Aug 2025	Comments	
F19	14 Aug 2025	Arrive Time	1012
F19	14 Aug 2025	Depart Time	1018
F19	14 Aug 2025	Air Temp (C)	18.5
F19	14 Aug 2025	Visibility (mi)	9
F19	14 Aug 2025	Wind Speed (kts)	4.4
F19	14 Aug 2025	Wind Dir	S
F19	14 Aug 2025	Sea State	Confused Swell
F19	14 Aug 2025	High Tide Time	1330
F19	14 Aug 2025	Low Tide Time	642
F19	14 Aug 2025	Comments	
F08	13 Aug 2025	Arrive Time	948
F08	13 Aug 2025	Depart Time	954
F08	13 Aug 2025	Air Temp (C)	18
F08	13 Aug 2025	Visibility (mi)	3
F08	13 Aug 2025	Wind Speed (kts)	3.4
F08	13 Aug 2025	Wind Dir	S
F08	13 Aug 2025	Sea State	Regular Swell
F08	13 Aug 2025	High Tide Time	1242
F08	13 Aug 2025	Low Tide Time	612
F08	13 Aug 2025	Comments	
F31	12 Aug 2025	Arrive Time	1115

Station	Date	Parameter	Value
F31	12 Aug 2025	Depart Time	1124
F31	12 Aug 2025	Air Temp (C)	18.7
F31	12 Aug 2025	Visibility (mi)	6
F31	12 Aug 2025	Wind Speed (kts)	7
F31	12 Aug 2025	Wind Dir	SE
F31	12 Aug 2025	Sea State	Light Chop
F31	12 Aug 2025	High Tide Time	6
F31	12 Aug 2025	Low Tide Time	542
F31	12 Aug 2025	Comments	
F20	14 Aug 2025	Arrive Time	955
F20	14 Aug 2025	Depart Time	1004
F20	14 Aug 2025	Air Temp (C)	18.8
F20	14 Aug 2025	Visibility (mi)	9
F20	14 Aug 2025	Wind Speed (kts)	1.7
F20	14 Aug 2025	Wind Dir	W
F20	14 Aug 2025	Sea State	Confused Swell
F20	14 Aug 2025	High Tide Time	1330
F20	14 Aug 2025	Low Tide Time	642
F20	14 Aug 2025	Comments	
F09	13 Aug 2025	Arrive Time	937
F09	13 Aug 2025	Depart Time	944
F09	13 Aug 2025	Air Temp (C)	18.1
F09	13 Aug 2025	Visibility (mi)	3
F09	13 Aug 2025	Wind Speed (kts)	10.1
F09	13 Aug 2025	Wind Dir	S
F09	13 Aug 2025	Sea State	Regular Swell
F09	13 Aug 2025	High Tide Time	1242
F09	13 Aug 2025	Low Tide Time	612
F09	13 Aug 2025	Comments	
F32	12 Aug 2025	Arrive Time	1051
F32	12 Aug 2025	Depart Time	1100
F32	12 Aug 2025	Air Temp (C)	18.6
F32	12 Aug 2025	Visibility (mi)	6
F32	12 Aug 2025	Wind Speed (kts)	7.9
F32	12 Aug 2025	Wind Dir	SE
F32	12 Aug 2025	Sea State	Light Chop
F32	12 Aug 2025	High Tide Time	6
F32	12 Aug 2025	Low Tide Time	542
F32	12 Aug 2025	Comments	
F21	14 Aug 2025	Arrive Time	940
F21	14 Aug 2025	Depart Time	947
F21	14 Aug 2025	Air Temp (C)	18.7
F21	14 Aug 2025	Visibility (mi)	9
F21	14 Aug 2025	Wind Speed (kts)	4
F21	14 Aug 2025	Wind Dir	SW
F21	14 Aug 2025	Sea State	Confused Swell
F21	14 Aug 2025	High Tide Time	1330
F21	14 Aug 2025	Low Tide Time	642
F21	14 Aug 2025	Comments	
F10	13 Aug 2025	Arrive Time	924
F10	13 Aug 2025	Depart Time	931
F10	13 Aug 2025	Air Temp (C)	18.4
F10	13 Aug 2025	Visibility (mi)	3
F10	13 Aug 2025	Wind Speed (kts)	5.9
F10	13 Aug 2025	Wind Dir	S
F10	13 Aug 2025	Sea State	Regular Swell

Station	Date	Parameter	Value
F10	13 Aug 2025	High Tide Time	1242
F10	13 Aug 2025	Low Tide Time	612
F10	13 Aug 2025	Comments	
F33	12 Aug 2025	Arrive Time	1030
F33	12 Aug 2025	Depart Time	1038
F33	12 Aug 2025	Air Temp (C)	18.7
F33	12 Aug 2025	Visibility (mi)	6
F33	12 Aug 2025	Wind Speed (kts)	5.7
F33	12 Aug 2025	Wind Dir	SE
F33	12 Aug 2025	Sea State	Light Chop
F33	12 Aug 2025	High Tide Time	6
F33	12 Aug 2025	Low Tide Time	542
F33	12 Aug 2025	Comments	
F22	14 Aug 2025	Arrive Time	924
F22	14 Aug 2025	Depart Time	931
F22	14 Aug 2025	Air Temp (C)	18.6
F22	14 Aug 2025	Visibility (mi)	9
F22	14 Aug 2025	Wind Speed (kts)	3.2
F22	14 Aug 2025	Wind Dir	S
F22	14 Aug 2025	Sea State	Confused Swell
F22	14 Aug 2025	High Tide Time	1330
F22	14 Aug 2025	Low Tide Time	642
F22	14 Aug 2025	Comments	
F11	13 Aug 2025	Arrive Time	911
F11	13 Aug 2025	Depart Time	918
F11	13 Aug 2025	Air Temp (C)	18.2
F11	13 Aug 2025	Visibility (mi)	3
F11	13 Aug 2025	Wind Speed (kts)	5.2
F11	13 Aug 2025	Wind Dir	SE
F11	13 Aug 2025	Sea State	Regular Swell
F11	13 Aug 2025	High Tide Time	1242
F11	13 Aug 2025	Low Tide Time	612
F11	13 Aug 2025	Comments	
F34	12 Aug 2025	Arrive Time	953
F34	12 Aug 2025	Depart Time	1026
F34	12 Aug 2025	Air Temp (C)	18.8
F34	12 Aug 2025	Visibility (mi)	6
F34	12 Aug 2025	Wind Speed (kts)	5.9
F34	12 Aug 2025	Wind Dir	SE
F34	12 Aug 2025	Sea State	Light Chop
F34	12 Aug 2025	High Tide Time	6
F34	12 Aug 2025	Low Tide Time	542
F34	12 Aug 2025	Comments	Ignore first cast due to bubbles use 2nd cast
F12	13 Aug 2025	Arrive Time	857
F12	13 Aug 2025	Depart Time	904
F12	13 Aug 2025	Air Temp (C)	18.4
F12	13 Aug 2025	Visibility (mi)	3
F12	13 Aug 2025	Wind Speed (kts)	7.5
F12	13 Aug 2025	Wind Dir	S
F12	13 Aug 2025	Sea State	Regular Swell
F12	13 Aug 2025	High Tide Time	1242
F12	13 Aug 2025	Low Tide Time	612
F12	13 Aug 2025	Comments	
F02	13 Aug 2025	Arrive Time	754
F02	13 Aug 2025	Depart Time	803

Station	Date	Parameter	Value
F02	13 Aug 2025	Air Temp (C)	18
F02	13 Aug 2025	Visibility (mi)	3
F02	13 Aug 2025	Wind Speed (kts)	0.6
F02	13 Aug 2025	Wind Dir	SW
F02	13 Aug 2025	Sea State	Regular Swell
F02	13 Aug 2025	High Tide Time	1242
F02	13 Aug 2025	Low Tide Time	612
F02	13 Aug 2025	Comments	
F35	12 Aug 2025	Arrive Time	924
F35	12 Aug 2025	Depart Time	933
F35	12 Aug 2025	Air Temp (C)	18.7
F35	12 Aug 2025	Visibility (mi)	6
F35	12 Aug 2025	Wind Speed (kts)	5.2
F35	12 Aug 2025	Wind Dir	S
F35	12 Aug 2025	Sea State	Light Chop
F35	12 Aug 2025	High Tide Time	6
F35	12 Aug 2025	Low Tide Time	542
F35	12 Aug 2025	Comments	OA 1m Btl# 2508125171 Nsk#6 ;OA 60m Btl# 2508125172 Nsk# 4;OA 100m Btl# 2508125173 Nsk# 1;OA 100m-dup Btl# 2508125174 Nsk# 1;
F24	14 Aug 2025	Arrive Time	853
F24	14 Aug 2025	Depart Time	904
F24	14 Aug 2025	Air Temp (C)	18.8
F24	14 Aug 2025	Visibility (mi)	9
F24	14 Aug 2025	Wind Speed (kts)	6.4
F24	14 Aug 2025	Wind Dir	S
F24	14 Aug 2025	Sea State	Confused Swell
F24	14 Aug 2025	High Tide Time	1330
F24	14 Aug 2025	Low Tide Time	642
F24	14 Aug 2025	Comments	
F13	13 Aug 2025	Arrive Time	839
F13	13 Aug 2025	Depart Time	852
F13	13 Aug 2025	Air Temp (C)	18.1
F13	13 Aug 2025	Visibility (mi)	3
F13	13 Aug 2025	Wind Speed (kts)	3.8
F13	13 Aug 2025	Wind Dir	SE
F13	13 Aug 2025	Sea State	Regular Swell
F13	13 Aug 2025	High Tide Time	1242
F13	13 Aug 2025	Low Tide Time	612
F13	13 Aug 2025	Comments	OA 1m Btl# 2508135179 Nsk# 6;OA 60m Btl# 2508135180 Nsk# 4;
F36	12 Aug 2025	Arrive Time	846
F36	12 Aug 2025	Depart Time	905
F36	12 Aug 2025	Air Temp (C)	18.7
F36	12 Aug 2025	Visibility (mi)	6
F36	12 Aug 2025	Wind Speed (kts)	5.9
F36	12 Aug 2025	Wind Dir	SE
F36	12 Aug 2025	Sea State	Light Chop
F36	12 Aug 2025	High Tide Time	6
F36	12 Aug 2025	Low Tide Time	542
F36	12 Aug 2025	Comments	First cast niskin misfire; 2nd cast for 98m bottle only
F25	14 Aug 2025	Arrive Time	836
F25	14 Aug 2025	Depart Time	845
F25	14 Aug 2025	Air Temp (C)	19
F25	14 Aug 2025	Visibility (mi)	9
F25	14 Aug 2025	Wind Speed (kts)	0

Station	Date	Parameter	Value
F25	14 Aug 2025	Wind Dir	W
F25	14 Aug 2025	Sea State	Confused Swell
F25	14 Aug 2025	High Tide Time	1330
F25	14 Aug 2025	Low Tide Time	642
F25	14 Aug 2025	Comments	
F14	13 Aug 2025	Arrive Time	826
F14	13 Aug 2025	Depart Time	834
F14	13 Aug 2025	Air Temp (C)	18.2
F14	13 Aug 2025	Visibility (mi)	3
F14	13 Aug 2025	Wind Speed (kts)	7
F14	13 Aug 2025	Wind Dir	S
F14	13 Aug 2025	Sea State	Regular Swell
F14	13 Aug 2025	High Tide Time	1242
F14	13 Aug 2025	Low Tide Time	612
F14	13 Aug 2025	Comments	
F03	13 Aug 2025	Arrive Time	810
F03	13 Aug 2025	Depart Time	816
F03	13 Aug 2025	Air Temp (C)	18.2
F03	13 Aug 2025	Visibility (mi)	3
F03	13 Aug 2025	Wind Speed (kts)	2
F03	13 Aug 2025	Wind Dir	W
F03	13 Aug 2025	Sea State	Regular Swell
F03	13 Aug 2025	High Tide Time	1242
F03	13 Aug 2025	Low Tide Time	612
F03	13 Aug 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 Aug 2025	1	21.10	92.25	7.6	33.53	8.2	23.4	0.21
F26	12 Aug 2025	2	21.09	92.62	7.6	33.53	8.2	23.4	0.22
F26	12 Aug 2025	3	21.03	92.78	7.6	33.53	8.2	23.4	0.22
F26	12 Aug 2025	4	20.94	92.99	7.6	33.53	8.2	23.4	0.24
F26	12 Aug 2025	5	20.56	93.03	7.7	33.52	8.2	23.5	0.30
F26	12 Aug 2025	6	20.34	93.13	7.7	33.50	8.2	23.5	0.31
F26	12 Aug 2025	7	19.84	93.32	7.7	33.49	8.2	23.7	0.27
F26	12 Aug 2025	8	19.01	93.59	7.9	33.44	8.1	23.8	0.23
F26	12 Aug 2025	9	18.72	94.25	8.0	33.41	8.1	23.9	0.19
F26	12 Aug 2025	10	18.37	94.64	8.1	33.40	8.2	24.0	0.19
F26	12 Aug 2025	11	18.14	94.76	8.1	33.36	8.1	24.0	0.22
F26	12 Aug 2025	12	17.97	94.78	8.1	33.34	8.1	24.0	0.24
F26	12 Aug 2025	13	17.64	94.77	8.2	33.32	8.1	24.1	0.25
F26	12 Aug 2025	14	17.36	94.77	8.3	33.33	8.1	24.1	0.28
F26	12 Aug 2025	15	17.29	94.71	8.4	33.33	8.2	24.2	0.29
F26	12 Aug 2025	16	17.23	94.55	8.4	33.33	8.2	24.2	0.33
F26	12 Aug 2025	17	17.08	94.57	8.4	33.32	8.2	24.2	0.36
F26	12 Aug 2025	18	17.11	94.48	8.4	33.33	8.2	24.2	0.38
F26	12 Aug 2025	19	17.13	94.45	8.4	33.34	8.2	24.2	0.41
F26	12 Aug 2025	20	17.16	94.39	8.4	33.37	8.2	24.2	0.47
F26	12 Aug 2025	21	17.06	94.21	8.4	33.40	8.2	24.3	0.58
F26	12 Aug 2025	22	16.86	93.98	8.4	33.40	8.2	24.3	0.72
F26	12 Aug 2025	23	16.38	93.52	8.5	33.39	8.2	24.4	1.20
F26	12 Aug 2025	24	16.01	92.57	8.5	33.38	8.1	24.5	1.88
F26	12 Aug 2025	25	15.34	92.27	8.6	33.35	8.1	24.6	2.03
F26	12 Aug 2025	26	15.16	92.79	8.5	33.34	8.1	24.7	2.12
F26	12 Aug 2025	27	14.65	92.99	8.5	33.33	8.1	24.8	2.21
F26	12 Aug 2025	28	14.34	92.9	8.5	33.31	8.1	24.8	2.21
F26	12 Aug 2025	29	14.33	92.89	8.5	33.30	8.1	24.8	2.16
F26	12 Aug 2025	30	14.32	93.12	8.5	33.30	8.1	24.8	2.29
F26	12 Aug 2025	31	14.30	93.32	8.4	33.31	8.1	24.8	2.32
F26	12 Aug 2025	32	14.28	93.36	8.4	33.31	8.1	24.8	2.34
F26	12 Aug 2025	33	14.26	93.49	8.4	33.31	8.1	24.8	2.34
F26	12 Aug 2025	34	14.19	93.69	8.3	33.32	8.1	24.8	2.36
F26	12 Aug 2025	35	13.97	93.94	8.2	33.33	8.1	24.9	2.37
F26	12 Aug 2025	36	13.66	94.17	8.1	33.34	8.1	25.0	2.19
F26	12 Aug 2025	37	13.51	94.45	7.9	33.35	8.1	25.0	2.06
F26	12 Aug 2025	38	13.27	94.56	7.8	33.38	8.0	25.1	1.89
F26	12 Aug 2025	39	13.06	94.83	7.6	33.40	8.0	25.1	1.59
F26	12 Aug 2025	40	13.08	95.5	7.6	33.39	8.0	25.1	1.29
F26	12 Aug 2025	41	13.07	95.79	7.5	33.39	8.0	25.1	1.39
F26	12 Aug 2025	42	13.01	95.89	7.5	33.40	8.0	25.1	1.23
F26	12 Aug 2025	43	13.02	95.9	7.5	33.40	8.0	25.1	1.14
F26	12 Aug 2025	44	13.00	96.06	7.5	33.40	8.0	25.2	1.16
F26	12 Aug 2025	45	13.00	96.09	7.4	33.40	8.0	25.2	1.10
F26	12 Aug 2025	46	13.00	96.11	7.4	33.40	8.0	25.2	1.06
F26	12 Aug 2025	47	13.00	96.09	7.4	33.40	8.0	25.2	1.08
F26	12 Aug 2025	48	13.01	96.1	7.4	33.40	8.0	25.2	1.10
F26	12 Aug 2025	49	13.01	96.09	7.4	33.40	8.0	25.2	1.12
F26	12 Aug 2025	50	13.00	96.11	7.4	33.40	8.0	25.2	1.08
F26	12 Aug 2025	51	13.00	96.13	7.4	33.40	8.0	25.2	1.05
F26	12 Aug 2025	52	13.00	96.04	7.4	33.40	8.0	25.2	1.05
F26	12 Aug 2025	53	12.99	96.21	7.4	33.40	8.0	25.2	1.04
F26	12 Aug 2025	54	12.98	96.28	7.4	33.41	8.0	25.2	1.00
F26	12 Aug 2025	55	12.98	96.34	7.4	33.41	8.0	25.2	0.96

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F26	12 Aug 2025	56	12.96	96.39	7.4	33.41	8.0	25.2	0.96
F26	12 Aug 2025	57	12.94	96.45	7.3	33.41	8.0	25.2	0.92
F26	12 Aug 2025	58	12.91	96.5	7.3	33.42	8.0	25.2	0.85
F26	12 Aug 2025	59	12.84	96.68	7.2	33.43	8.0	25.2	0.79
F26	12 Aug 2025	60	12.79	96.88	7.2	33.43	8.0	25.2	0.71
F26	12 Aug 2025	61	12.63	96.89	7.0	33.45	8.0	25.3	0.67
F26	12 Aug 2025	62	12.42	96.89	6.9	33.45	7.9	25.3	0.64
F26	12 Aug 2025	63	12.39	96.93	6.8	33.45	7.9	25.3	0.64
F26	12 Aug 2025	64	12.31	96.86	6.7	33.46	7.9	25.3	0.65
F26	12 Aug 2025	65	12.28	96.83	6.6	33.45	7.9	25.3	0.66
F26	12 Aug 2025	66	12.26	96.79	6.6	33.46	7.9	25.3	0.66
F26	12 Aug 2025	67	12.21	96.71	6.6	33.46	7.9	25.4	0.66
F26	12 Aug 2025	68	12.20	96.74	6.5	33.46	7.9	25.4	0.67
F26	12 Aug 2025	69	12.19	96.73	6.4	33.46	7.9	25.4	0.67
F26	12 Aug 2025	70	12.16	96.71	6.4	33.45	7.9	25.4	0.68
F26	12 Aug 2025	71	12.11	96.69	6.4	33.46	7.9	25.4	0.67
F26	12 Aug 2025	72	12.09	96.66	6.4	33.47	7.9	25.4	0.68
F26	12 Aug 2025	73	12.06	96.67	6.3	33.47	7.9	25.4	0.67
F26	12 Aug 2025	74	12.05	96.63	6.3	33.47	7.9	25.4	0.66
F26	12 Aug 2025	75	12.01	96.58	6.2	33.48	7.9	25.4	0.67
F26	12 Aug 2025	76	11.80	96.62	6.0	33.50	7.9	25.5	0.62
F26	12 Aug 2025	77	11.85	96.61	6.0	33.49	7.9	25.4	0.62
F26	12 Aug 2025	78	11.69	96.58	5.9	33.52	7.9	25.5	0.63
F26	12 Aug 2025	79	11.64	96.53	5.7	33.52	7.8	25.5	0.57
F26	12 Aug 2025	80	11.58	96.42	5.6	33.54	7.8	25.5	0.54
F26	12 Aug 2025	81	11.55	96.31	5.4	33.54	7.8	25.5	0.52
F26	12 Aug 2025	82	11.52	96.28	5.3	33.55	7.8	25.6	0.52
F26	12 Aug 2025	83	11.47	96.19	5.2	33.56	7.8	25.6	0.49
F26	12 Aug 2025	84	11.44	96.12	5.2	33.57	7.8	25.6	0.47
F26	12 Aug 2025	85	11.41	96	5.1	33.58	7.8	25.6	0.43
F26	12 Aug 2025	86	11.41	95.94	5.0	33.58	7.8	25.6	0.44
F26	12 Aug 2025	87	11.40	95.93	5.0	33.58	7.8	25.6	0.42
F26	12 Aug 2025	88	11.39	95.88	5.0	33.58	7.8	25.6	0.41
F26	12 Aug 2025	89	11.31	95.82	4.9	33.61	7.8	25.6	0.40
F26	12 Aug 2025	90	11.24	95.77	4.8	33.62	7.8	25.7	0.36
F26	12 Aug 2025	91	11.22	95.64	4.7	33.62	7.8	25.7	0.34
F26	12 Aug 2025	92	11.19	95.51	4.6	33.63	7.8	25.7	0.33
F26	12 Aug 2025	93	11.12	95.03	4.5	33.65	7.7	25.7	0.31
F26	12 Aug 2025	94	11.08	94.11	4.4	33.66	7.7	25.7	0.27
F26	12 Aug 2025	95	11.08	93.73	4.4	33.66	7.7	25.7	0.27
F26	12 Aug 2025	96	11.06	93.61	4.4	33.66	7.7	25.7	0.26
F26	12 Aug 2025	97	11.06	93.58	4.4	33.66	7.7	25.7	0.25
F26	12 Aug 2025	98	11.06	93.56	4.4	33.66	7.7	25.7	0.26
F26	12 Aug 2025	99	11.06	92.23	4.4	33.66	7.7	25.7	0.27
F15	14 Aug 2025	1	20.65	93.81	7.6	33.53	8.1	23.5	0.22
F15	14 Aug 2025	2	20.64	94.01	7.6	33.53	8.1	23.5	0.23
F15	14 Aug 2025	3	20.11	94.2	7.7	33.50	8.1	23.6	0.25
F15	14 Aug 2025	4	19.79	94.38	7.7	33.45	8.1	23.6	0.23
F15	14 Aug 2025	5	19.72	94.5	7.7	33.43	8.1	23.6	0.22
F15	14 Aug 2025	6	19.70	94.81	7.7	33.42	8.1	23.6	0.23
F15	14 Aug 2025	7	19.55	94.61	7.7	33.40	8.1	23.7	0.23
F15	14 Aug 2025	8	19.28	94.99	7.7	33.37	8.1	23.7	0.22
F15	14 Aug 2025	9	19.07	95.15	7.8	33.37	8.1	23.8	0.22
F15	14 Aug 2025	10	18.93	95.3	7.9	33.36	8.1	23.8	0.21
F15	14 Aug 2025	11	18.88	95.36	7.9	33.35	8.1	23.8	0.22
F15	14 Aug 2025	12	18.82	95.4	7.9	33.35	8.1	23.8	0.23
F15	14 Aug 2025	13	18.70	95.4	7.9	33.36	8.1	23.8	0.23
F15	14 Aug 2025	14	18.58	95.51	7.9	33.37	8.1	23.9	0.24
F15	14 Aug 2025	15	18.47	95.48	7.9	33.38	8.1	23.9	0.26
F15	14 Aug 2025	16	18.29	95.46	8.0	33.39	8.1	24.0	0.29

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F15	14 Aug 2025	17	18.16	95.42	8.0	33.39	8.1	24.0	0.33
F15	14 Aug 2025	18	18.06	95.33	8.0	33.39	8.1	24.0	0.38
F15	14 Aug 2025	19	17.67	95.15	8.1	33.38	8.1	24.1	0.42
F15	14 Aug 2025	20	17.42	94.89	8.2	33.36	8.1	24.2	0.47
F15	14 Aug 2025	21	17.28	94.87	8.3	33.36	8.1	24.2	0.51
F15	14 Aug 2025	22	17.26	94.81	8.3	33.37	8.1	24.2	0.54
F15	14 Aug 2025	23	17.22	94.83	8.4	33.40	8.1	24.2	0.57
F15	14 Aug 2025	24	17.17	94.73	8.4	33.43	8.1	24.3	0.59
F15	14 Aug 2025	25	17.00	94.59	8.4	33.44	8.1	24.3	0.64
F15	14 Aug 2025	26	16.78	94.58	8.4	33.42	8.1	24.4	0.72
F15	14 Aug 2025	27	16.47	94.47	8.4	33.38	8.1	24.4	0.83
F15	14 Aug 2025	28	16.09	94.2	8.5	33.38	8.1	24.5	1.31
F15	14 Aug 2025	29	15.69	93.5	8.5	33.35	8.1	24.5	1.87
F15	14 Aug 2025	30	15.24	93.21	8.5	33.33	8.1	24.6	2.03
F15	14 Aug 2025	31	14.96	93.45	8.4	33.31	8.1	24.7	1.98
F15	14 Aug 2025	32	14.76	93.77	8.4	33.32	8.1	24.7	1.87
F15	14 Aug 2025	33	14.40	94.28	8.4	33.28	8.1	24.8	1.76
F15	14 Aug 2025	34	14.70	94.86	8.3	33.30	8.1	24.7	1.78
F15	14 Aug 2025	35	13.94	95.13	8.2	33.29	8.1	24.9	1.72
F15	14 Aug 2025	36	13.76	95.27	8.1	33.29	8.1	24.9	1.52
F15	14 Aug 2025	37	13.55	95.33	8.0	33.30	8.1	25.0	1.45
F15	14 Aug 2025	38	13.48	95.22	8.0	33.30	8.1	25.0	1.40
F15	14 Aug 2025	39	13.47	95.71	7.9	33.31	8.0	25.0	1.39
F15	14 Aug 2025	40	13.47	95.8	7.9	33.31	8.0	25.0	1.39
F15	14 Aug 2025	41	13.45	95.8	7.8	33.33	8.0	25.0	1.43
F15	14 Aug 2025	42	13.41	95.77	7.8	33.34	8.0	25.0	1.43
F15	14 Aug 2025	43	13.27	95.76	7.7	33.36	8.0	25.1	1.36
F15	14 Aug 2025	44	13.15	95.75	7.6	33.38	8.0	25.1	1.28
F15	14 Aug 2025	45	13.08	95.82	7.5	33.38	8.0	25.1	1.19
F15	14 Aug 2025	46	12.99	95.91	7.4	33.39	8.0	25.1	1.10
F15	14 Aug 2025	47	12.94	96	7.4	33.39	8.0	25.2	1.02
F15	14 Aug 2025	48	12.89	96.06	7.3	33.40	8.0	25.2	1.08
F15	14 Aug 2025	49	12.73	95.79	7.1	33.41	8.0	25.2	1.02
F15	14 Aug 2025	50	12.51	95.65	6.8	33.44	8.0	25.3	1.00
F15	14 Aug 2025	51	12.29	95.62	6.6	33.46	7.9	25.3	0.94
F15	14 Aug 2025	52	12.17	95.53	6.4	33.46	7.9	25.4	0.84
F15	14 Aug 2025	53	12.09	95.6	6.4	33.45	7.9	25.4	0.77
F15	14 Aug 2025	54	12.02	95.84	6.3	33.45	7.9	25.4	0.73
F15	14 Aug 2025	55	11.99	96.16	6.3	33.45	7.9	25.4	0.70
F15	14 Aug 2025	56	11.91	96.39	6.3	33.45	7.9	25.4	0.64
F15	14 Aug 2025	57	11.81	96.51	6.3	33.45	7.9	25.4	0.60
F15	14 Aug 2025	58	11.55	96.62	6.2	33.47	7.9	25.5	0.52
F15	14 Aug 2025	59	11.48	96.75	6.0	33.48	7.9	25.5	0.41
F15	14 Aug 2025	60	11.46	96.73	6.0	33.49	7.9	25.5	0.39
F15	14 Aug 2025	61	11.43	96.7	5.9	33.49	7.9	25.5	0.37
F15	14 Aug 2025	62	11.43	96.57	5.8	33.50	7.9	25.5	0.36
F15	14 Aug 2025	63	11.42	96.5	5.8	33.51	7.9	25.5	0.37
F15	14 Aug 2025	64	11.41	96.46	5.7	33.51	7.9	25.5	0.38
F15	14 Aug 2025	65	11.36	96.36	5.6	33.53	7.8	25.6	0.35
F15	14 Aug 2025	66	11.35	96.21	5.5	33.53	7.8	25.6	0.34
F15	14 Aug 2025	67	11.32	96.13	5.4	33.54	7.8	25.6	0.34
F15	14 Aug 2025	68	11.30	96.02	5.3	33.56	7.8	25.6	0.33
F15	14 Aug 2025	69	11.30	95.58	5.2	33.57	7.8	25.6	0.31
F15	14 Aug 2025	70	11.30	94.59	5.1	33.57	7.8	25.6	0.30
F15	14 Aug 2025	71	11.31	94.18	5.1	33.57	7.8	25.6	0.32
F15	14 Aug 2025	72	11.31	93.78	5.1	33.57	7.8	25.6	0.31
F15	14 Aug 2025	73	11.31	93.67	5.0	33.58	7.8	25.6	0.31
F15	14 Aug 2025	74	11.32	93.45	5.0	33.58	7.8	25.6	0.32
F15	14 Aug 2025	75	11.32	93.32	5.0	33.58	7.8	25.6	0.31
F15	14 Aug 2025	76	11.32	93.32	5.0	33.58	7.8	25.6	0.32
F15	14 Aug 2025	77	11.32	93.22	5.0	33.58	7.8	25.6	0.32

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F15	14 Aug 2025	78	11.32	93.29	5.0	33.58	7.8	25.6	0.32
F15	14 Aug 2025	79	11.32	93.21	5.0	33.58	7.8	25.6	0.31
F15	14 Aug 2025	80	11.33	93.17	4.9	33.58	7.8	25.6	0.31
F15	14 Aug 2025	81	11.33	93.03	4.9	33.58	7.8	25.6	0.31
F15	14 Aug 2025	82	11.33	92.14	4.9	33.58	7.8	25.6	0.33
F04	13 Aug 2025	1	20.69	93	7.6	33.53	8.2	23.5	0.30
F04	13 Aug 2025	2	20.69	92.07	7.6	33.53	8.2	23.5	0.32
F04	13 Aug 2025	3	20.62	90.4	7.6	33.52	8.2	23.5	0.33
F04	13 Aug 2025	4	20.47	94.26	7.6	33.52	8.2	23.5	0.35
F04	13 Aug 2025	5	20.08	93.47	7.7	33.48	8.2	23.6	0.33
F04	13 Aug 2025	6	19.82	94.5	7.8	33.48	8.2	23.6	0.33
F04	13 Aug 2025	7	19.32	94.7	7.9	33.46	8.2	23.8	0.34
F04	13 Aug 2025	8	19.25	94.44	7.9	33.46	8.2	23.8	0.34
F04	13 Aug 2025	9	19.23	94.7	7.9	33.46	8.2	23.8	0.38
F04	13 Aug 2025	10	19.18	94.83	7.9	33.46	8.2	23.8	0.35
F04	13 Aug 2025	11	18.64	94.74	8.0	33.49	8.2	24.0	0.34
F04	13 Aug 2025	12	18.32	94.9	8.1	33.48	8.2	24.0	0.34
F04	13 Aug 2025	13	18.39	94.81	8.1	33.47	8.2	24.0	0.38
F04	13 Aug 2025	14	18.19	94.81	8.1	33.48	8.2	24.1	0.41
F04	13 Aug 2025	15	18.13	94.83	8.1	33.48	8.2	24.1	0.42
F04	13 Aug 2025	16	17.98	93.26	8.2	33.48	8.2	24.1	0.40
F04	13 Aug 2025	17	17.85	94.61	8.2	33.46	8.2	24.1	0.45
F04	13 Aug 2025	18	17.73	94.5	8.2	33.44	8.2	24.1	0.46
F04	13 Aug 2025	19	17.39	94.57	8.4	33.40	8.2	24.2	0.50
F04	13 Aug 2025	20	17.26	94.48	8.4	33.38	8.2	24.2	0.56
F04	13 Aug 2025	21	17.12	94.46	8.4	33.44	8.2	24.3	0.62
F04	13 Aug 2025	22	16.69	93.6	8.4	33.45	8.2	24.4	1.22
F04	13 Aug 2025	23	15.80	92.57	8.4	33.42	8.1	24.6	2.04
F04	13 Aug 2025	24	14.99	92.61	8.5	33.37	8.1	24.7	2.24
F04	13 Aug 2025	25	14.62	92.8	8.5	33.33	8.1	24.8	2.39
F04	13 Aug 2025	26	14.46	92.79	8.4	33.31	8.1	24.8	2.42
F04	13 Aug 2025	27	14.34	92.77	8.3	33.31	8.1	24.8	2.55
F04	13 Aug 2025	28	13.93	93.19	8.3	33.30	8.1	24.9	2.36
F04	13 Aug 2025	29	13.89	93.72	8.3	33.30	8.1	24.9	2.03
F04	13 Aug 2025	30	13.85	93.9	8.2	33.30	8.1	24.9	2.04
F04	13 Aug 2025	31	13.84	94.01	8.2	33.30	8.1	24.9	2.00
F04	13 Aug 2025	32	13.77	93.85	8.2	33.30	8.1	24.9	2.04
F04	13 Aug 2025	33	13.69	93.92	8.1	33.31	8.1	24.9	2.00
F04	13 Aug 2025	34	13.59	94.29	8.0	33.32	8.1	25.0	2.05
F04	13 Aug 2025	35	13.50	94.32	7.9	33.32	8.1	25.0	2.12
F04	13 Aug 2025	36	13.17	94.54	7.8	33.34	8.0	25.1	1.95
F04	13 Aug 2025	37	13.02	94.81	7.6	33.35	8.0	25.1	1.62
F04	13 Aug 2025	38	12.95	95.22	7.5	33.37	8.0	25.1	1.47
F04	13 Aug 2025	39	12.90	95.36	7.4	33.37	8.0	25.1	1.41
F04	13 Aug 2025	40	12.84	95.46	7.4	33.38	8.0	25.2	1.31
F04	13 Aug 2025	41	12.80	95.56	7.3	33.38	8.0	25.2	1.23
F04	13 Aug 2025	42	12.73	95.68	7.2	33.40	8.0	25.2	1.17
F04	13 Aug 2025	43	12.67	95.68	7.1	33.41	8.0	25.2	1.09
F04	13 Aug 2025	44	12.59	95.65	7.0	33.41	8.0	25.2	1.09
F04	13 Aug 2025	45	12.53	95.66	6.9	33.42	8.0	25.3	1.07
F04	13 Aug 2025	46	12.45	95.79	6.8	33.43	8.0	25.3	1.04
F04	13 Aug 2025	47	12.39	95.93	6.7	33.44	8.0	25.3	0.95
F04	13 Aug 2025	48	12.33	96.14	6.6	33.44	7.9	25.3	0.87
F04	13 Aug 2025	49	12.24	96.07	6.5	33.45	7.9	25.3	0.85
F04	13 Aug 2025	50	12.05	96.29	6.3	33.47	7.9	25.4	0.77
F04	13 Aug 2025	51	11.92	96.35	6.2	33.49	7.9	25.4	0.65
F04	13 Aug 2025	52	11.89	96.36	6.0	33.49	7.9	25.4	0.61
F04	13 Aug 2025	53	11.73	96.14	5.8	33.52	7.9	25.5	0.58
F04	13 Aug 2025	54	11.63	95.92	5.6	33.53	7.8	25.5	0.55
F04	13 Aug 2025	55	11.56	95.96	5.4	33.55	7.8	25.5	0.52

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F04	13 Aug 2025	56	11.46	95.82	5.2	33.57	7.8	25.6	0.47
F04	13 Aug 2025	57	11.44	94.16	5.1	33.58	7.8	25.6	0.43
F04	13 Aug 2025	58	11.42	92.48	5.0	33.58	7.8	25.6	0.45
F04	13 Aug 2025	59	11.42	92.19	4.9	33.58	7.8	25.6	0.42
F04	13 Aug 2025	60	11.41	91.99	4.9	33.58	7.8	25.6	0.42
F04	13 Aug 2025	61	11.42	91.93	4.9	33.58	7.8	25.6	0.42
F05	13 Aug 2025	1	20.86	94.72	7.7	33.55	8.2	23.4	0.29
F05	13 Aug 2025	2	20.86	94.64	7.7	33.55	8.2	23.4	0.31
F05	13 Aug 2025	3	20.86	94.6	7.7	33.55	8.2	23.4	0.31
F05	13 Aug 2025	4	20.83	94.84	7.7	33.55	8.2	23.4	0.32
F05	13 Aug 2025	5	20.76	94.91	7.7	33.55	8.2	23.5	0.34
F05	13 Aug 2025	6	20.62	94.88	7.7	33.54	8.2	23.5	0.34
F05	13 Aug 2025	7	20.12	94.87	7.8	33.51	8.2	23.6	0.34
F05	13 Aug 2025	8	19.34	94.79	7.9	33.47	8.2	23.8	0.33
F05	13 Aug 2025	9	18.68	94.97	8.1	33.40	8.2	23.9	0.31
F05	13 Aug 2025	10	18.63	94.97	8.1	33.39	8.2	23.9	0.30
F05	13 Aug 2025	11	18.46	94.99	8.1	33.39	8.2	23.9	0.30
F05	13 Aug 2025	12	18.15	95.1	8.2	33.39	8.2	24.0	0.32
F05	13 Aug 2025	13	17.74	95.11	8.3	33.37	8.2	24.1	0.37
F05	13 Aug 2025	14	17.54	95.06	8.4	33.36	8.2	24.1	0.42
F05	13 Aug 2025	15	17.53	94.93	8.4	33.39	8.2	24.2	0.45
F05	13 Aug 2025	16	17.32	94.44	8.4	33.39	8.2	24.2	0.50
F05	13 Aug 2025	17	16.97	94.13	8.5	33.39	8.2	24.3	0.64
F05	13 Aug 2025	18	16.29	94.12	8.7	33.40	8.2	24.4	1.05
F05	13 Aug 2025	19	16.11	93.1	8.6	33.37	8.2	24.5	1.80
F05	13 Aug 2025	20	15.26	92.27	8.5	33.39	8.1	24.7	1.72
F05	13 Aug 2025	21	14.56	92.02	8.5	33.35	8.1	24.8	2.30
F05	13 Aug 2025	22	14.59	92.18	8.4	33.31	8.1	24.8	2.36
F05	13 Aug 2025	23	14.01	92.47	8.3	33.34	8.1	24.9	2.43
F05	13 Aug 2025	24	13.73	92.41	8.2	33.31	8.1	24.9	2.75
F05	13 Aug 2025	25	13.68	91.86	8.2	33.31	8.1	24.9	2.92
F05	13 Aug 2025	26	13.61	91.26	8.1	33.32	8.1	25.0	2.91
F05	13 Aug 2025	27	13.54	91.46	8.0	33.34	8.1	25.0	2.74
F05	13 Aug 2025	28	13.51	91.38	7.9	33.36	8.1	25.0	2.61
F05	13 Aug 2025	29	13.45	90.64	7.8	33.39	8.1	25.1	2.52
F05	13 Aug 2025	30	13.39	90.54	7.7	33.38	8.0	25.1	2.44
F05	13 Aug 2025	31	13.32	91.01	7.7	33.38	8.0	25.1	2.48
F05	13 Aug 2025	32	13.26	91.68	7.6	33.38	8.0	25.1	2.45
F05	13 Aug 2025	33	13.12	92.23	7.6	33.37	8.0	25.1	2.19
F05	13 Aug 2025	34	13.03	94.4	7.6	33.37	8.0	25.1	1.69
F05	13 Aug 2025	35	12.96	94.81	7.5	33.37	8.0	25.1	1.52
F05	13 Aug 2025	36	12.91	94.97	7.4	33.37	8.0	25.2	1.41
F05	13 Aug 2025	37	12.85	95.06	7.4	33.38	8.0	25.2	1.34
F05	13 Aug 2025	38	12.83	95.21	7.3	33.39	8.0	25.2	1.31
F05	13 Aug 2025	39	12.67	95.11	7.1	33.41	8.0	25.2	1.32
F05	13 Aug 2025	40	12.63	94.66	7.0	33.41	8.0	25.2	1.28
F05	13 Aug 2025	41	12.59	94.67	6.9	33.41	8.0	25.2	1.25
F05	13 Aug 2025	42	12.57	94.69	6.9	33.41	8.0	25.2	1.24
F05	13 Aug 2025	43	12.56	94.66	6.8	33.41	8.0	25.3	1.23
F05	13 Aug 2025	44	12.53	94.75	6.8	33.42	8.0	25.3	1.19
F05	13 Aug 2025	45	12.47	94.87	6.8	33.42	8.0	25.3	1.12
F05	13 Aug 2025	46	12.40	94.94	6.7	33.43	8.0	25.3	0.99
F05	13 Aug 2025	47	12.28	95.69	6.6	33.45	7.9	25.3	0.91
F05	13 Aug 2025	48	12.13	96.06	6.4	33.46	7.9	25.4	0.88
F05	13 Aug 2025	49	12.15	96.14	6.3	33.45	7.9	25.4	0.85
F05	13 Aug 2025	50	12.01	96.37	6.3	33.47	7.9	25.4	0.79
F05	13 Aug 2025	51	11.96	96.42	6.2	33.47	7.9	25.4	0.68
F05	13 Aug 2025	52	11.90	96.3	6.1	33.48	7.9	25.4	0.65
F05	13 Aug 2025	53	11.87	96.18	6.0	33.49	7.9	25.4	0.67
F05	13 Aug 2025	54	11.78	95.41	5.8	33.51	7.9	25.5	0.65

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F05	13 Aug 2025	55	11.65	95.14	5.6	33.53	7.8	25.5	0.60
F05	13 Aug 2025	56	11.57	94.58	5.4	33.55	7.8	25.5	0.51
F05	13 Aug 2025	57	11.49	93.81	5.2	33.56	7.8	25.6	0.47
F05	13 Aug 2025	58	11.44	92.85	5.1	33.57	7.8	25.6	0.45
F05	13 Aug 2025	59	11.44	91.25	5.0	33.57	7.8	25.6	0.43
F05	13 Aug 2025	60	11.44	90.79	5.0	33.57	7.8	25.6	0.42
F05	13 Aug 2025	61	11.43	90.49	4.9	33.57	7.8	25.6	0.41
F05	13 Aug 2025	62	11.44	90.26	4.9	33.57	7.8	25.6	0.44
F27	12 Aug 2025	1	21.13	93.17	7.6	33.54	8.1	23.3	0.21
F27	12 Aug 2025	2	21.11	93.09	7.6	33.54	8.1	23.4	0.21
F27	12 Aug 2025	3	21.07	93.1	7.6	33.54	8.1	23.4	0.22
F27	12 Aug 2025	4	21.00	93.05	7.6	33.53	8.1	23.4	0.24
F27	12 Aug 2025	5	20.87	93.02	7.5	33.52	8.1	23.4	0.26
F27	12 Aug 2025	6	20.22	93.11	7.6	33.52	8.1	23.6	0.27
F27	12 Aug 2025	7	19.27	93.3	7.8	33.49	8.1	23.8	0.22
F27	12 Aug 2025	8	18.91	93.81	8.0	33.43	8.1	23.8	0.20
F27	12 Aug 2025	9	18.43	94.39	8.0	33.40	8.1	23.9	0.20
F27	12 Aug 2025	10	17.88	94.6	8.1	33.34	8.1	24.0	0.20
F27	12 Aug 2025	11	17.58	94.85	8.2	33.28	8.1	24.1	0.19
F27	12 Aug 2025	12	17.44	94.96	8.3	33.28	8.1	24.1	0.19
F27	12 Aug 2025	13	17.30	95.02	8.3	33.26	8.1	24.1	0.22
F27	12 Aug 2025	14	17.24	94.95	8.4	33.26	8.1	24.1	0.26
F27	12 Aug 2025	15	17.20	94.86	8.4	33.26	8.1	24.1	0.30
F27	12 Aug 2025	16	17.10	94.78	8.4	33.27	8.1	24.2	0.32
F27	12 Aug 2025	17	17.03	94.6	8.4	33.27	8.1	24.2	0.33
F27	12 Aug 2025	18	16.98	94.02	8.4	33.27	8.1	24.2	0.36
F27	12 Aug 2025	19	16.96	94.51	8.4	33.33	8.1	24.2	0.40
F27	12 Aug 2025	20	16.97	94.32	8.5	33.38	8.2	24.3	0.52
F27	12 Aug 2025	21	16.89	93.95	8.4	33.40	8.2	24.3	0.62
F27	12 Aug 2025	22	16.63	93.64	8.4	33.40	8.2	24.4	0.87
F27	12 Aug 2025	23	16.25	92.95	8.4	33.39	8.1	24.5	1.39
F27	12 Aug 2025	24	15.59	92.08	8.6	33.37	8.1	24.6	1.84
F27	12 Aug 2025	25	15.33	92.17	8.6	33.35	8.1	24.6	2.09
F27	12 Aug 2025	26	15.22	92.34	8.6	33.34	8.1	24.6	2.21
F27	12 Aug 2025	27	14.83	92.48	8.5	33.33	8.1	24.7	2.32
F27	12 Aug 2025	28	14.29	92.72	8.5	33.31	8.1	24.8	2.22
F27	12 Aug 2025	29	14.10	93.2	8.5	33.29	8.1	24.8	2.05
F27	12 Aug 2025	30	14.08	93.47	8.4	33.29	8.1	24.8	2.14
F27	12 Aug 2025	31	14.07	93.53	8.4	33.29	8.1	24.9	2.21
F27	12 Aug 2025	32	14.05	93.63	8.4	33.29	8.1	24.9	2.23
F27	12 Aug 2025	33	14.03	93.71	8.3	33.29	8.1	24.9	2.25
F27	12 Aug 2025	34	14.02	93.85	8.3	33.30	8.1	24.9	2.25
F27	12 Aug 2025	35	13.98	93.96	8.2	33.30	8.1	24.9	2.18
F27	12 Aug 2025	36	13.84	94.07	8.2	33.32	8.1	24.9	2.20
F27	12 Aug 2025	37	13.66	94.3	8.1	33.33	8.1	25.0	2.17
F27	12 Aug 2025	38	13.52	94.47	8.0	33.34	8.1	25.0	2.07
F27	12 Aug 2025	39	13.36	94.56	7.9	33.35	8.0	25.0	2.02
F27	12 Aug 2025	40	13.17	94.69	7.7	33.38	8.0	25.1	1.81
F27	12 Aug 2025	41	13.05	95.11	7.6	33.39	8.0	25.1	1.53
F27	12 Aug 2025	42	13.01	95.59	7.5	33.40	8.0	25.1	1.32
F27	12 Aug 2025	43	13.01	95.78	7.5	33.39	8.0	25.1	1.26
F27	12 Aug 2025	44	13.00	95.86	7.5	33.39	8.0	25.1	1.26
F27	12 Aug 2025	45	13.00	95.91	7.4	33.39	8.0	25.1	1.22
F27	12 Aug 2025	46	13.00	95.95	7.4	33.40	8.0	25.1	1.17
F27	12 Aug 2025	47	13.00	95.92	7.4	33.40	8.0	25.2	1.15
F27	12 Aug 2025	48	13.00	95.8	7.4	33.40	8.0	25.2	1.14
F27	12 Aug 2025	49	12.99	96.01	7.4	33.40	8.0	25.2	1.13
F27	12 Aug 2025	50	12.99	95.98	7.4	33.40	8.0	25.2	1.09
F27	12 Aug 2025	51	12.99	96.01	7.4	33.40	8.0	25.2	1.10
F27	12 Aug 2025	52	12.99	96.08	7.4	33.40	8.0	25.2	1.10

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F27	12 Aug 2025	53	12.99	96.11	7.4	33.40	8.0	25.2	1.12
F27	12 Aug 2025	54	12.99	96.14	7.4	33.40	8.0	25.2	1.08
F27	12 Aug 2025	55	12.98	96.19	7.4	33.40	8.0	25.2	1.07
F27	12 Aug 2025	56	12.97	96.18	7.4	33.40	8.0	25.2	1.01
F27	12 Aug 2025	57	12.96	96.28	7.4	33.40	8.0	25.2	0.97
F27	12 Aug 2025	58	12.95	96.32	7.4	33.40	8.0	25.2	0.96
F27	12 Aug 2025	59	12.94	96.38	7.4	33.40	8.0	25.2	0.91
F27	12 Aug 2025	60	12.93	96.43	7.3	33.40	8.0	25.2	0.89
F27	12 Aug 2025	61	12.93	96.42	7.3	33.40	8.0	25.2	0.89
F27	12 Aug 2025	62	12.92	96.48	7.3	33.40	8.0	25.2	0.90
F27	12 Aug 2025	63	12.91	96.47	7.3	33.40	8.0	25.2	0.84
F27	12 Aug 2025	64	12.92	96.58	7.3	33.40	8.0	25.2	0.84
F27	12 Aug 2025	65	12.89	96.63	7.3	33.41	8.0	25.2	0.85
F27	12 Aug 2025	66	12.81	96.7	7.2	33.41	8.0	25.2	0.76
F27	12 Aug 2025	67	12.66	96.78	7.1	33.43	8.0	25.2	0.68
F27	12 Aug 2025	68	12.48	96.88	7.0	33.44	8.0	25.3	0.64
F27	12 Aug 2025	69	12.34	96.91	6.8	33.45	7.9	25.3	0.59
F27	12 Aug 2025	70	12.30	96.86	6.7	33.45	7.9	25.3	0.60
F27	12 Aug 2025	71	12.25	96.85	6.7	33.45	7.9	25.3	0.62
F27	12 Aug 2025	72	12.22	96.82	6.6	33.46	7.9	25.3	0.62
F27	12 Aug 2025	73	12.19	96.79	6.5	33.46	7.9	25.4	0.63
F27	12 Aug 2025	74	12.07	96.74	6.4	33.47	7.9	25.4	0.63
F27	12 Aug 2025	75	12.01	96.75	6.3	33.47	7.9	25.4	0.62
F27	12 Aug 2025	76	11.95	96.77	6.3	33.48	7.9	25.4	0.61
F27	12 Aug 2025	77	11.90	96.74	6.2	33.48	7.9	25.4	0.59
F27	12 Aug 2025	78	11.85	96.75	6.1	33.49	7.9	25.4	0.57
F27	12 Aug 2025	79	11.75	96.74	6.0	33.50	7.9	25.5	0.54
F27	12 Aug 2025	80	11.66	96.68	5.8	33.52	7.8	25.5	0.51
F27	12 Aug 2025	81	11.59	96.51	5.6	33.53	7.8	25.5	0.49
F27	12 Aug 2025	82	11.47	96.42	5.4	33.56	7.8	25.6	0.47
F27	12 Aug 2025	83	11.37	96.29	5.2	33.59	7.8	25.6	0.41
F27	12 Aug 2025	84	11.36	95.97	5.0	33.59	7.8	25.6	0.39
F27	12 Aug 2025	85	11.31	95.78	5.0	33.60	7.8	25.6	0.37
F27	12 Aug 2025	86	11.23	95.6	4.9	33.62	7.8	25.7	0.34
F27	12 Aug 2025	87	11.19	95.68	4.8	33.63	7.8	25.7	0.29
F27	12 Aug 2025	88	11.18	95.53	4.7	33.63	7.8	25.7	0.28
F27	12 Aug 2025	89	11.17	95.42	4.7	33.63	7.8	25.7	0.28
F27	12 Aug 2025	90	11.17	95.26	4.6	33.63	7.8	25.7	0.28
F27	12 Aug 2025	91	11.15	95	4.6	33.64	7.8	25.7	0.28
F27	12 Aug 2025	92	11.14	94.81	4.6	33.65	7.8	25.7	0.28
F27	12 Aug 2025	93	11.12	94.59	4.5	33.65	7.7	25.7	0.28
F27	12 Aug 2025	94	11.08	94.62	4.4	33.66	7.7	25.7	0.27
F27	12 Aug 2025	95	11.03	93.91	4.4	33.67	7.7	25.7	0.25
F27	12 Aug 2025	96	11.03	92.74	4.3	33.68	7.7	25.7	0.23
F27	12 Aug 2025	97	11.02	92.18	4.3	33.67	7.7	25.7	0.23
F27	12 Aug 2025	98	11.02	92.18	4.3	33.68	7.7	25.7	0.23
F27	12 Aug 2025	99	11.02	92.14	4.3	33.68	7.7	25.7	0.23
F27	12 Aug 2025	100	11.02	80.03	4.3	33.68	7.7	25.7	0.25
F16	14 Aug 2025	1	20.72	94.12	7.7	33.54	8.1	23.5	0.27
F16	14 Aug 2025	2	20.58	94.04	7.6	33.54	8.1	23.5	0.28
F16	14 Aug 2025	3	19.83	93.45	7.8	33.50	8.1	23.7	0.27
F16	14 Aug 2025	4	19.65	89.65	7.8	33.47	8.1	23.7	0.24
F16	14 Aug 2025	5	19.61	91.75	7.8	33.46	8.1	23.7	0.25
F16	14 Aug 2025	6	19.40	92.12	7.8	33.42	8.1	23.7	0.26
F16	14 Aug 2025	7	19.30	86.97	7.8	33.40	8.1	23.7	0.27
F16	14 Aug 2025	8	19.21	90.67	7.8	33.38	8.1	23.7	0.26
F16	14 Aug 2025	9	19.19	92.01	7.8	33.38	8.1	23.7	0.26
F16	14 Aug 2025	10	19.15	91.35	7.8	33.38	8.1	23.7	0.28
F16	14 Aug 2025	11	19.09	88.09	7.8	33.37	8.1	23.8	0.27
F16	14 Aug 2025	12	18.95	90.47	7.8	33.36	8.1	23.8	0.28

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F16	14 Aug 2025	13	18.88	92.91	7.8	33.36	8.1	23.8	0.27
F16	14 Aug 2025	14	18.83	88.13	7.8	33.36	8.1	23.8	0.27
F16	14 Aug 2025	15	18.55	87.52	7.9	33.38	8.1	23.9	0.29
F16	14 Aug 2025	16	18.42	90.87	7.9	33.38	8.1	23.9	0.31
F16	14 Aug 2025	17	18.42	90.22	8.0	33.37	8.1	23.9	0.35
F16	14 Aug 2025	18	18.36	93.75	8.0	33.38	8.1	23.9	0.35
F16	14 Aug 2025	19	18.20	94.89	8.0	33.37	8.1	24.0	0.37
F16	14 Aug 2025	20	18.06	92.44	8.0	33.37	8.1	24.0	0.38
F16	14 Aug 2025	21	18.00	85.39	8.1	33.37	8.1	24.0	0.40
F16	14 Aug 2025	22	17.95	90.53	8.1	33.38	8.1	24.0	0.41
F16	14 Aug 2025	23	17.85	95	8.1	33.43	8.1	24.1	0.41
F16	14 Aug 2025	24	17.55	95.05	8.2	33.48	8.1	24.2	0.45
F16	14 Aug 2025	25	17.37	94.28	8.3	33.48	8.1	24.3	0.61
F16	14 Aug 2025	26	17.14	92.95	8.3	33.46	8.1	24.3	0.73
F16	14 Aug 2025	27	16.96	92.1	8.4	33.43	8.1	24.3	0.95
F16	14 Aug 2025	28	16.36	93.39	8.5	33.37	8.1	24.4	1.08
F16	14 Aug 2025	29	15.93	93.88	8.4	33.39	8.1	24.5	1.38
F16	14 Aug 2025	30	15.17	93.26	8.4	33.37	8.1	24.7	1.84
F16	14 Aug 2025	31	14.59	91.42	8.4	33.35	8.1	24.8	1.94
F16	14 Aug 2025	32	14.54	91.82	8.3	33.32	8.1	24.8	1.96
F16	14 Aug 2025	33	14.10	94.53	8.3	33.34	8.1	24.9	2.07
F16	14 Aug 2025	34	13.97	94.86	8.2	33.31	8.1	24.9	1.78
F16	14 Aug 2025	35	13.94	94.89	8.1	33.31	8.1	24.9	1.73
F16	14 Aug 2025	36	13.74	93.7	8.1	33.31	8.1	24.9	1.64
F16	14 Aug 2025	37	13.51	93.97	8.0	33.31	8.0	25.0	1.49
F16	14 Aug 2025	38	13.42	95.77	7.9	33.31	8.0	25.0	1.34
F16	14 Aug 2025	39	13.42	95.74	7.9	33.32	8.0	25.0	1.35
F16	14 Aug 2025	40	13.40	95.73	7.8	33.33	8.0	25.0	1.31
F16	14 Aug 2025	41	13.35	95.78	7.8	33.34	8.0	25.0	1.32
F16	14 Aug 2025	42	13.27	93.15	7.7	33.36	8.0	25.1	1.34
F16	14 Aug 2025	43	13.16	91.66	7.6	33.37	8.0	25.1	1.28
F16	14 Aug 2025	44	13.01	93.74	7.5	33.39	8.0	25.1	1.21
F16	14 Aug 2025	45	13.01	91.25	7.4	33.38	8.0	25.1	1.11
F16	14 Aug 2025	46	12.95	95.02	7.4	33.39	8.0	25.2	1.09
F16	14 Aug 2025	47	12.94	96.12	7.4	33.39	8.0	25.2	1.02
F16	14 Aug 2025	48	12.92	96.08	7.3	33.39	8.0	25.2	1.00
F16	14 Aug 2025	49	12.82	96.07	7.2	33.40	8.0	25.2	0.98
F16	14 Aug 2025	50	12.68	95.63	7.1	33.42	8.0	25.2	1.01
F16	14 Aug 2025	51	12.59	93.03	6.9	33.42	8.0	25.3	1.02
F16	14 Aug 2025	52	12.54	94.41	6.8	33.43	7.9	25.3	0.96
F16	14 Aug 2025	53	12.47	95.71	6.7	33.43	7.9	25.3	0.92
F16	14 Aug 2025	54	12.36	95.72	6.6	33.45	7.9	25.3	0.89
F16	14 Aug 2025	55	12.17	95.81	6.5	33.46	7.9	25.4	0.81
F16	14 Aug 2025	56	12.06	95.64	6.4	33.46	7.9	25.4	0.72
F16	14 Aug 2025	57	12.00	91.93	6.3	33.45	7.9	25.4	0.65
F16	14 Aug 2025	58	11.96	91.17	6.3	33.45	7.9	25.4	0.60
F16	14 Aug 2025	59	11.87	95.12	6.3	33.45	7.9	25.4	0.58
F16	14 Aug 2025	60	11.73	94.76	6.3	33.46	7.9	25.4	0.53
F16	14 Aug 2025	61	11.71	96.14	6.2	33.46	7.9	25.4	0.52
F16	14 Aug 2025	62	11.41	96.95	6.1	33.49	7.9	25.5	0.46
F16	14 Aug 2025	63	11.37	95.4	5.9	33.50	7.9	25.5	0.36
F16	14 Aug 2025	64	11.37	94.7	5.8	33.51	7.9	25.5	0.34
F16	14 Aug 2025	65	11.37	94.07	5.7	33.51	7.8	25.6	0.34
F16	14 Aug 2025	66	11.36	95.63	5.6	33.52	7.8	25.6	0.33
F16	14 Aug 2025	67	11.35	96.14	5.6	33.52	7.8	25.6	0.33
F16	14 Aug 2025	68	11.34	96	5.5	33.53	7.8	25.6	0.33
F16	14 Aug 2025	69	11.33	95.93	5.4	33.54	7.8	25.6	0.33
F16	14 Aug 2025	70	11.33	95.56	5.4	33.54	7.8	25.6	0.32
F16	14 Aug 2025	71	11.34	95	5.3	33.55	7.8	25.6	0.32
F16	14 Aug 2025	72	11.35	94.48	5.3	33.55	7.8	25.6	0.33
F16	14 Aug 2025	73	11.35	92.04	5.2	33.56	7.8	25.6	0.33

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F16	14 Aug 2025	74	11.36	92.13	5.1	33.57	7.8	25.6	0.34
F16	14 Aug 2025	75	11.36	93.7	5.1	33.58	7.8	25.6	0.41
F16	14 Aug 2025	76	11.36	93.54	5.0	33.58	7.8	25.6	0.34
F16	14 Aug 2025	77	11.36	93.36	5.0	33.58	7.8	25.6	0.34
F16	14 Aug 2025	78	11.36	91.48	4.9	33.59	7.8	25.6	0.35
F16	14 Aug 2025	79	11.36	90.14	4.9	33.59	7.8	25.6	0.33
F16	14 Aug 2025	80	11.36	91.14	4.9	33.59	7.8	25.6	0.35
F16	14 Aug 2025	81	11.36	91.12	4.8	33.59	7.8	25.6	0.35
F16	14 Aug 2025	82	11.35	75.78	4.8	33.59	7.8	25.6	0.33
F28	12 Aug 2025	1	20.91	93.04	7.6	33.52	8.1	23.4	0.22
F28	12 Aug 2025	2	20.89	93.3	7.6	33.52	8.1	23.4	0.23
F28	12 Aug 2025	3	20.85	93.31	7.6	33.52	8.1	23.4	0.25
F28	12 Aug 2025	4	20.60	93.31	7.6	33.51	8.1	23.5	0.27
F28	12 Aug 2025	5	20.19	93.36	7.7	33.49	8.1	23.6	0.27
F28	12 Aug 2025	6	19.80	93.84	7.8	33.48	8.1	23.7	0.25
F28	12 Aug 2025	7	19.49	94.33	7.9	33.47	8.1	23.7	0.23
F28	12 Aug 2025	8	19.15	94.46	7.9	33.46	8.1	23.8	0.23
F28	12 Aug 2025	9	18.67	94.57	8.0	33.40	8.1	23.9	0.23
F28	12 Aug 2025	10	18.33	94.78	8.1	33.36	8.1	23.9	0.23
F28	12 Aug 2025	11	18.08	94.89	8.1	33.32	8.1	24.0	0.22
F28	12 Aug 2025	12	17.80	95.12	8.2	33.30	8.1	24.0	0.23
F28	12 Aug 2025	13	17.60	95.12	8.2	33.29	8.1	24.1	0.23
F28	12 Aug 2025	14	17.27	95.12	8.3	33.27	8.1	24.1	0.26
F28	12 Aug 2025	15	17.24	94.95	8.4	33.27	8.1	24.1	0.30
F28	12 Aug 2025	16	17.27	94.8	8.4	33.34	8.1	24.2	0.33
F28	12 Aug 2025	17	17.33	94.72	8.4	33.41	8.2	24.2	0.38
F28	12 Aug 2025	18	17.11	94.42	8.4	33.44	8.2	24.3	0.45
F28	12 Aug 2025	19	16.86	93.94	8.5	33.42	8.2	24.3	0.62
F28	12 Aug 2025	20	16.64	93.61	8.6	33.40	8.2	24.4	0.92
F28	12 Aug 2025	21	16.63	92.95	8.6	33.40	8.2	24.4	1.30
F28	12 Aug 2025	22	16.51	92.55	8.6	33.39	8.2	24.4	1.50
F28	12 Aug 2025	23	16.37	92.33	8.6	33.39	8.1	24.4	1.91
F28	12 Aug 2025	24	15.98	91.93	8.6	33.39	8.1	24.5	2.38
F28	12 Aug 2025	25	15.42	91.76	8.7	33.36	8.1	24.6	2.64
F28	12 Aug 2025	26	15.32	91.82	8.7	33.35	8.1	24.6	2.61
F28	12 Aug 2025	27	15.27	91.94	8.7	33.34	8.1	24.6	2.73
F28	12 Aug 2025	28	15.25	91.93	8.7	33.34	8.1	24.6	2.67
F28	12 Aug 2025	29	15.16	92.01	8.6	33.34	8.1	24.7	2.64
F28	12 Aug 2025	30	14.99	92.29	8.6	33.34	8.1	24.7	2.65
F28	12 Aug 2025	31	14.79	92.45	8.5	33.33	8.1	24.7	2.66
F28	12 Aug 2025	32	14.36	92.95	8.5	33.33	8.1	24.8	2.56
F28	12 Aug 2025	33	14.15	93.43	8.4	33.31	8.1	24.9	2.23
F28	12 Aug 2025	34	14.03	93.65	8.3	33.30	8.1	24.9	2.27
F28	12 Aug 2025	35	13.94	93.76	8.3	33.29	8.1	24.9	2.30
F28	12 Aug 2025	36	13.85	93.82	8.3	33.29	8.1	24.9	2.27
F28	12 Aug 2025	37	13.83	93.72	8.3	33.29	8.1	24.9	2.21
F28	12 Aug 2025	38	13.85	93.95	8.3	33.29	8.1	24.9	2.33
F28	12 Aug 2025	39	13.81	94.04	8.3	33.29	8.1	24.9	2.24
F28	12 Aug 2025	40	13.81	94.07	8.3	33.29	8.1	24.9	2.21
F28	12 Aug 2025	41	13.80	94.07	8.3	33.29	8.1	24.9	2.25
F28	12 Aug 2025	42	13.80	94.11	8.2	33.30	8.1	24.9	2.23
F28	12 Aug 2025	43	13.77	94.04	8.2	33.30	8.1	24.9	2.21
F28	12 Aug 2025	44	13.63	94.19	8.2	33.31	8.1	25.0	2.21
F28	12 Aug 2025	45	13.57	94.33	8.1	33.31	8.1	25.0	2.16
F28	12 Aug 2025	46	13.50	94.44	8.1	33.32	8.0	25.0	2.11
F28	12 Aug 2025	47	13.41	94.54	8.0	33.33	8.0	25.0	2.12
F28	12 Aug 2025	48	13.25	94.67	7.8	33.35	8.0	25.1	1.90
F28	12 Aug 2025	49	13.14	95.09	7.7	33.37	8.0	25.1	1.62
F28	12 Aug 2025	50	12.91	95.65	7.5	33.41	8.0	25.2	1.46
F28	12 Aug 2025	51	12.87	95.98	7.4	33.41	8.0	25.2	1.15

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F28	12 Aug 2025	52	12.86	96.09	7.3	33.41	8.0	25.2	1.05
F28	12 Aug 2025	53	12.86	96.21	7.3	33.41	8.0	25.2	1.02
F28	12 Aug 2025	54	12.84	96.29	7.3	33.41	8.0	25.2	0.98
F28	12 Aug 2025	55	12.83	96.3	7.3	33.41	8.0	25.2	0.95
F28	12 Aug 2025	56	12.83	96.31	7.3	33.41	8.0	25.2	0.93
F28	12 Aug 2025	57	12.82	96.41	7.3	33.41	8.0	25.2	0.93
F28	12 Aug 2025	58	12.82	96.46	7.3	33.41	8.0	25.2	0.90
F28	12 Aug 2025	59	12.81	96.46	7.3	33.41	8.0	25.2	0.90
F28	12 Aug 2025	60	12.80	96.48	7.2	33.41	8.0	25.2	0.88
F28	12 Aug 2025	61	12.77	96.46	7.2	33.41	8.0	25.2	0.86
F28	12 Aug 2025	62	12.75	96.57	7.2	33.41	8.0	25.2	0.83
F28	12 Aug 2025	63	12.68	96.69	7.2	33.41	8.0	25.2	0.80
F28	12 Aug 2025	64	12.65	96.7	7.1	33.41	8.0	25.2	0.74
F28	12 Aug 2025	65	12.58	96.76	7.1	33.41	8.0	25.2	0.72
F28	12 Aug 2025	66	12.52	96.81	7.0	33.42	8.0	25.3	0.69
F28	12 Aug 2025	67	12.43	96.85	6.9	33.42	8.0	25.3	0.69
F28	12 Aug 2025	68	12.17	96.91	6.8	33.44	7.9	25.3	0.62
F28	12 Aug 2025	69	12.06	96.98	6.6	33.45	7.9	25.4	0.55
F28	12 Aug 2025	70	12.03	96.97	6.5	33.46	7.9	25.4	0.57
F28	12 Aug 2025	71	12.02	96.95	6.5	33.46	7.9	25.4	0.54
F28	12 Aug 2025	72	12.03	96.91	6.4	33.46	7.9	25.4	0.55
F28	12 Aug 2025	73	12.01	96.9	6.4	33.46	7.9	25.4	0.55
F28	12 Aug 2025	74	11.96	96.89	6.4	33.47	7.9	25.4	0.55
F28	12 Aug 2025	75	11.97	96.86	6.3	33.47	7.9	25.4	0.56
F28	12 Aug 2025	76	11.99	96.8	6.3	33.47	7.9	25.4	0.56
F28	12 Aug 2025	77	11.98	96.79	6.3	33.47	7.9	25.4	0.57
F28	12 Aug 2025	78	11.97	96.81	6.3	33.47	7.9	25.4	0.57
F28	12 Aug 2025	79	11.92	96.8	6.2	33.48	7.9	25.4	0.55
F28	12 Aug 2025	80	11.77	96.84	6.1	33.50	7.9	25.5	0.53
F28	12 Aug 2025	81	11.54	96.82	5.8	33.53	7.8	25.5	0.51
F28	12 Aug 2025	82	11.45	96.76	5.6	33.55	7.8	25.6	0.43
F28	12 Aug 2025	83	11.43	96.46	5.4	33.55	7.8	25.6	0.42
F28	12 Aug 2025	84	11.35	96.29	5.3	33.57	7.8	25.6	0.39
F28	12 Aug 2025	85	11.28	96.33	5.2	33.58	7.8	25.6	0.37
F28	12 Aug 2025	86	11.22	96.11	5.1	33.60	7.8	25.6	0.32
F28	12 Aug 2025	87	11.22	95.68	5.0	33.60	7.8	25.6	0.30
F28	12 Aug 2025	88	11.21	95.48	4.9	33.61	7.8	25.7	0.30
F28	12 Aug 2025	89	11.21	95.26	4.8	33.61	7.8	25.7	0.30
F28	12 Aug 2025	90	11.20	94.91	4.8	33.62	7.8	25.7	0.29
F28	12 Aug 2025	91	11.19	94.65	4.7	33.62	7.8	25.7	0.28
F28	12 Aug 2025	92	11.17	94.39	4.7	33.63	7.8	25.7	0.30
F28	12 Aug 2025	93	11.14	94.22	4.6	33.63	7.8	25.7	0.28
F28	12 Aug 2025	94	11.12	93.78	4.6	33.64	7.7	25.7	0.25
F28	12 Aug 2025	95	11.12	92.46	4.5	33.64	7.7	25.7	0.24
F28	12 Aug 2025	96	11.10	91.72	4.5	33.64	7.7	25.7	0.24
F28	12 Aug 2025	97	11.10	91.24	4.5	33.64	7.7	25.7	0.24
F28	12 Aug 2025	98	11.10	91.04	4.4	33.64	7.7	25.7	0.24
F28	12 Aug 2025	99	11.04	91.01	4.4	33.67	7.7	25.7	0.24
F28	12 Aug 2025	100	11.00	91.09	4.3	33.69	7.7	25.8	0.22
F17	14 Aug 2025	1	20.80	94.07	7.6	33.54	8.1	23.4	0.31
F17	14 Aug 2025	2	20.25	94.38	7.6	33.54	8.1	23.6	0.31
F17	14 Aug 2025	3	19.26	94.37	7.8	33.49	8.1	23.8	0.29
F17	14 Aug 2025	4	19.04	94.69	7.9	33.46	8.1	23.8	0.27
F17	14 Aug 2025	5	18.92	94.84	7.9	33.44	8.1	23.9	0.29
F17	14 Aug 2025	6	18.87	95.02	7.9	33.42	8.1	23.9	0.31
F17	14 Aug 2025	7	18.82	95.08	7.9	33.42	8.1	23.9	0.30
F17	14 Aug 2025	8	18.73	95.17	7.9	33.39	8.1	23.9	0.30
F17	14 Aug 2025	9	18.70	95.21	7.9	33.40	8.1	23.9	0.31
F17	14 Aug 2025	10	18.68	95.21	8.0	33.40	8.1	23.9	0.31
F17	14 Aug 2025	11	18.66	95.29	7.9	33.40	8.1	23.9	0.31

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F17	14 Aug 2025	12	18.64	95.34	8.0	33.40	8.1	23.9	0.31
F17	14 Aug 2025	13	18.61	95.32	8.0	33.40	8.1	23.9	0.32
F17	14 Aug 2025	14	18.60	95.3	8.0	33.40	8.1	23.9	0.34
F17	14 Aug 2025	15	18.58	95.25	8.0	33.40	8.1	23.9	0.33
F17	14 Aug 2025	16	18.57	95.31	8.0	33.40	8.1	23.9	0.32
F17	14 Aug 2025	17	18.56	95.31	8.0	33.40	8.1	23.9	0.34
F17	14 Aug 2025	18	18.49	95.27	8.0	33.40	8.1	23.9	0.33
F17	14 Aug 2025	19	18.40	95.32	8.0	33.39	8.1	23.9	0.33
F17	14 Aug 2025	20	18.12	95.31	8.0	33.37	8.1	24.0	0.35
F17	14 Aug 2025	21	18.03	95.35	8.1	33.40	8.1	24.0	0.37
F17	14 Aug 2025	22	17.89	95.12	8.1	33.46	8.1	24.1	0.41
F17	14 Aug 2025	23	17.77	95.06	8.1	33.48	8.1	24.2	0.43
F17	14 Aug 2025	24	17.46	94.89	8.3	33.47	8.1	24.2	0.54
F17	14 Aug 2025	25	17.47	94.12	8.3	33.45	8.1	24.2	0.80
F17	14 Aug 2025	26	16.93	93.6	8.3	33.42	8.1	24.3	0.99
F17	14 Aug 2025	27	16.43	93.52	8.4	33.40	8.1	24.4	1.31
F17	14 Aug 2025	28	15.88	93.42	8.5	33.39	8.1	24.5	1.54
F17	14 Aug 2025	29	15.28	93.32	8.4	33.38	8.1	24.7	1.91
F17	14 Aug 2025	30	14.43	93.93	8.4	33.34	8.1	24.8	1.97
F17	14 Aug 2025	31	14.11	94.29	8.3	33.32	8.1	24.9	1.89
F17	14 Aug 2025	32	14.02	94.43	8.2	33.31	8.1	24.9	1.79
F17	14 Aug 2025	33	13.88	94.26	8.1	33.31	8.1	24.9	1.87
F17	14 Aug 2025	34	13.81	94.79	8.0	33.32	8.1	24.9	1.80
F17	14 Aug 2025	35	13.60	94.98	8.0	33.33	8.1	25.0	1.67
F17	14 Aug 2025	36	13.50	95.28	7.9	33.33	8.0	25.0	1.45
F17	14 Aug 2025	37	13.35	95.73	7.8	33.33	8.0	25.0	1.36
F17	14 Aug 2025	38	13.32	95.94	7.8	33.33	8.0	25.0	1.25
F17	14 Aug 2025	39	13.31	95.84	7.7	33.33	8.0	25.0	1.22
F17	14 Aug 2025	40	13.30	95.89	7.7	33.34	8.0	25.0	1.25
F17	14 Aug 2025	41	13.26	95.93	7.7	33.35	8.0	25.1	1.24
F17	14 Aug 2025	42	13.19	95.99	7.6	33.37	8.0	25.1	1.16
F17	14 Aug 2025	43	13.17	95.89	7.5	33.37	8.0	25.1	1.14
F17	14 Aug 2025	44	13.08	96	7.5	33.38	8.0	25.1	1.14
F17	14 Aug 2025	45	12.96	95.93	7.4	33.39	8.0	25.2	1.07
F17	14 Aug 2025	46	12.91	95.9	7.4	33.39	8.0	25.2	1.03
F17	14 Aug 2025	47	12.92	96.06	7.3	33.39	8.0	25.2	1.05
F17	14 Aug 2025	48	12.88	96.07	7.3	33.39	8.0	25.2	1.03
F17	14 Aug 2025	49	12.86	96.08	7.3	33.39	8.0	25.2	1.00
F17	14 Aug 2025	50	12.80	96.12	7.2	33.40	8.0	25.2	0.98
F17	14 Aug 2025	51	12.62	96.1	7.0	33.42	8.0	25.2	0.93
F17	14 Aug 2025	52	12.43	96.1	6.9	33.43	8.0	25.3	0.84
F17	14 Aug 2025	53	12.37	96.25	6.7	33.43	7.9	25.3	0.79
F17	14 Aug 2025	54	12.13	96.39	6.6	33.46	7.9	25.4	0.77
F17	14 Aug 2025	55	12.02	96.37	6.4	33.45	7.9	25.4	0.65
F17	14 Aug 2025	56	11.99	96.52	6.4	33.45	7.9	25.4	0.58
F17	14 Aug 2025	57	11.93	96.63	6.3	33.45	7.9	25.4	0.56
F17	14 Aug 2025	58	11.88	96.72	6.3	33.45	7.9	25.4	0.56
F17	14 Aug 2025	59	11.81	96.76	6.2	33.46	7.9	25.4	0.54
F17	14 Aug 2025	60	11.74	96.82	6.2	33.47	7.9	25.5	0.51
F17	14 Aug 2025	61	11.62	96.86	6.0	33.49	7.9	25.5	0.49
F17	14 Aug 2025	62	11.49	96.74	5.8	33.51	7.8	25.5	0.44
F17	14 Aug 2025	63	11.37	96.55	5.7	33.52	7.8	25.6	0.38
F17	14 Aug 2025	64	11.32	96.47	5.6	33.53	7.8	25.6	0.34
F17	14 Aug 2025	65	11.31	96.32	5.6	33.53	7.8	25.6	0.33
F17	14 Aug 2025	66	11.31	96.12	5.5	33.53	7.8	25.6	0.33
F17	14 Aug 2025	67	11.31	95.98	5.4	33.54	7.8	25.6	0.32
F17	14 Aug 2025	68	11.31	95.82	5.4	33.54	7.8	25.6	0.34
F17	14 Aug 2025	69	11.30	95.73	5.4	33.54	7.8	25.6	0.32
F17	14 Aug 2025	70	11.27	95.74	5.3	33.55	7.8	25.6	0.31
F17	14 Aug 2025	71	11.27	95.75	5.3	33.55	7.8	25.6	0.33
F17	14 Aug 2025	72	11.28	95.66	5.3	33.55	7.8	25.6	0.32

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F17	14 Aug 2025	73	11.27	95.33	5.2	33.57	7.8	25.6	0.32
F17	14 Aug 2025	74	11.28	94.47	5.1	33.57	7.8	25.6	0.30
F17	14 Aug 2025	75	11.29	93.54	5.0	33.58	7.8	25.6	0.30
F17	14 Aug 2025	76	11.29	92.88	5.0	33.58	7.8	25.6	0.31
F17	14 Aug 2025	77	11.30	92.49	5.0	33.59	7.8	25.6	0.31
F17	14 Aug 2025	78	11.30	91.74	4.9	33.59	7.8	25.6	0.30
F17	14 Aug 2025	79	11.30	91.63	4.9	33.59	7.8	25.6	0.31
F17	14 Aug 2025	80	11.28	91.41	4.8	33.60	7.8	25.6	0.30
F17	14 Aug 2025	81	11.27	90.24	4.8	33.61	7.8	25.6	0.29
F17	14 Aug 2025	82	11.28	53.93	4.7	33.60	7.8	25.6	0.32
F06	13 Aug 2025	1	20.99	94.74	7.9	33.57	8.2	23.4	0.33
F06	13 Aug 2025	2	20.96	94.72	7.8	33.57	8.2	23.4	0.34
F06	13 Aug 2025	3	20.06	94.82	7.8	33.56	8.2	23.6	0.35
F06	13 Aug 2025	4	18.12	94.79	8.3	33.44	8.2	24.0	0.35
F06	13 Aug 2025	5	17.76	94.85	8.4	33.40	8.1	24.1	0.39
F06	13 Aug 2025	6	17.14	94.68	8.7	33.41	8.2	24.3	0.62
F06	13 Aug 2025	7	16.61	93.41	8.7	33.41	8.2	24.4	1.11
F06	13 Aug 2025	8	15.89	92.82	8.7	33.39	8.2	24.5	1.54
F06	13 Aug 2025	9	14.96	91.62	8.7	33.39	8.1	24.7	2.81
F06	13 Aug 2025	10	14.21	90.65	8.5	33.33	8.1	24.9	2.77
F06	13 Aug 2025	11	13.78	92.2	8.3	33.30	8.1	24.9	2.37
F06	13 Aug 2025	12	13.54	92.99	8.1	33.30	8.1	25.0	2.30
F06	13 Aug 2025	13	13.49	92.43	8.0	33.31	8.1	25.0	2.55
F06	13 Aug 2025	14	13.40	91.63	7.8	33.34	8.1	25.0	2.72
F06	13 Aug 2025	15	13.36	90.64	7.7	33.36	8.0	25.1	2.97
F06	13 Aug 2025	16	13.35	89.06	7.6	33.38	8.0	25.1	3.16
F06	13 Aug 2025	17	13.27	88.32	7.5	33.39	8.0	25.1	3.02
F06	13 Aug 2025	18	13.20	88.48	7.4	33.39	8.0	25.1	2.81
F06	13 Aug 2025	19	13.18	88.49	7.4	33.39	8.0	25.1	2.83
F06	13 Aug 2025	20	13.10	88.63	7.4	33.39	8.0	25.1	3.26
F06	13 Aug 2025	21	13.07	88.48	7.3	33.39	8.0	25.1	4.21
F06	13 Aug 2025	22	13.01	88.7	7.3	33.39	8.0	25.1	4.07
F06	13 Aug 2025	23	12.94	89.21	7.3	33.39	8.0	25.2	2.87
F06	13 Aug 2025	24	12.91	90.56	7.3	33.38	8.0	25.2	1.85
F06	13 Aug 2025	25	12.89	92.48	7.3	33.38	8.0	25.2	1.63
F06	13 Aug 2025	26	12.87	93.27	7.3	33.38	8.0	25.2	1.50
F06	13 Aug 2025	27	12.88	93.86	7.3	33.38	8.0	25.2	1.43
F06	13 Aug 2025	28	12.88	93.97	7.2	33.38	8.0	25.2	1.40
F06	13 Aug 2025	29	12.85	93.78	7.2	33.39	8.0	25.2	1.44
F06	13 Aug 2025	30	12.79	93.59	7.1	33.39	8.0	25.2	1.29
F06	13 Aug 2025	31	12.70	93.73	7.0	33.41	8.0	25.2	1.26
F06	13 Aug 2025	32	12.60	94.21	6.9	33.41	8.0	25.2	1.24
F06	13 Aug 2025	33	12.59	94.09	6.8	33.41	8.0	25.2	1.25
F06	13 Aug 2025	34	12.57	94.04	6.8	33.41	8.0	25.2	1.26
F06	13 Aug 2025	35	12.55	94.01	6.8	33.41	8.0	25.3	1.22
F06	13 Aug 2025	36	12.53	94.12	6.8	33.42	8.0	25.3	1.22
F06	13 Aug 2025	37	12.50	94.42	6.8	33.42	8.0	25.3	1.16
F06	13 Aug 2025	38	12.47	94.58	6.8	33.42	8.0	25.3	1.11
F06	13 Aug 2025	39	12.45	94.73	6.8	33.42	8.0	25.3	1.03
F06	13 Aug 2025	40	12.44	95.47	6.8	33.42	8.0	25.3	0.97
F06	13 Aug 2025	41	12.44	95.49	6.8	33.42	8.0	25.3	0.96
F06	13 Aug 2025	42	12.42	95.66	6.7	33.42	8.0	25.3	1.00
F06	13 Aug 2025	43	12.41	95.52	6.7	33.42	7.9	25.3	1.01
F06	13 Aug 2025	44	12.40	95.3	6.7	33.43	7.9	25.3	1.05
F06	13 Aug 2025	45	12.38	95.23	6.7	33.43	7.9	25.3	0.99
F06	13 Aug 2025	46	12.37	95.29	6.6	33.43	7.9	25.3	0.96
F06	13 Aug 2025	47	12.29	95.39	6.6	33.44	7.9	25.3	0.93
F06	13 Aug 2025	48	12.18	95.61	6.4	33.45	7.9	25.4	0.88
F06	13 Aug 2025	49	12.09	95.6	6.3	33.46	7.9	25.4	0.89
F06	13 Aug 2025	50	11.99	95.48	6.2	33.47	7.9	25.4	0.82

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F06	13 Aug 2025	51	11.81	95.6	5.9	33.50	7.9	25.5	0.74
F06	13 Aug 2025	52	11.80	94.64	5.7	33.50	7.8	25.5	0.71
F06	13 Aug 2025	53	11.78	93.73	5.6	33.50	7.8	25.5	0.66
F06	13 Aug 2025	54	11.75	93.17	5.6	33.50	7.8	25.5	0.66
F06	13 Aug 2025	55	11.71	92.68	5.5	33.51	7.8	25.5	0.63
F06	13 Aug 2025	56	11.67	92.62	5.5	33.52	7.8	25.5	0.62
F06	13 Aug 2025	57	11.61	93.13	5.4	33.53	7.8	25.5	0.59
F06	13 Aug 2025	58	11.58	92.81	5.3	33.53	7.8	25.5	0.57
F06	13 Aug 2025	59	11.56	92.16	5.3	33.54	7.8	25.5	0.54
F06	13 Aug 2025	60	11.51	91.02	5.2	33.55	7.8	25.6	0.50
F06	13 Aug 2025	61	11.50	89.59	5.1	33.55	7.8	25.6	0.54
F06	13 Aug 2025	62	11.51	88.17	5.0	33.55	7.8	25.6	0.54
F01	13 Aug 2025	1	19.39	78.72	7.9	33.57	8.1	23.8	1.92
F01	13 Aug 2025	2	19.42	78.86	7.9	33.57	8.1	23.8	1.86
F01	13 Aug 2025	3	19.35	79.1	7.8	33.57	8.1	23.8	1.97
F01	13 Aug 2025	4	18.24	78.75	7.9	33.57	8.1	24.1	2.60
F01	13 Aug 2025	5	17.44	76.13	8.1	33.51	8.1	24.3	4.67
F01	13 Aug 2025	6	16.22	77.35	8.1	33.47	8.1	24.5	5.02
F01	13 Aug 2025	7	15.24	83.03	8.2	33.41	8.1	24.7	3.80
F01	13 Aug 2025	8	14.80	86.9	8.1	33.40	8.1	24.8	3.02
F01	13 Aug 2025	9	14.23	88.24	8.0	33.38	8.1	24.9	2.86
F01	13 Aug 2025	10	13.59	89.57	7.8	33.37	8.0	25.0	2.69
F01	13 Aug 2025	11	13.45	89.52	7.7	33.35	8.0	25.0	2.61
F01	13 Aug 2025	12	13.45	89.83	7.6	33.35	8.0	25.0	2.50
F01	13 Aug 2025	13	13.44	89.85	7.6	33.35	8.0	25.0	2.41
F01	13 Aug 2025	14	13.43	89.83	7.6	33.36	8.0	25.0	2.44
F01	13 Aug 2025	15	13.43	89.92	7.6	33.36	8.0	25.0	2.52
F01	13 Aug 2025	16	13.43	89.55	7.6	33.36	8.0	25.0	2.53
F01	13 Aug 2025	17	13.43	89.8	7.6	33.36	8.0	25.0	2.58
F01	13 Aug 2025	18	13.43	89.92	7.7	33.37	8.0	25.0	2.59
F01	13 Aug 2025	19	13.43	89.79	7.5	33.37	8.0	25.0	2.42
F01	13 Aug 2025	20	13.44	89.4	7.5	33.37	8.0	25.0	2.31
F29	12 Aug 2025	1	20.87	93.08	7.6	33.52	8.1	23.4	0.19
F29	12 Aug 2025	2	20.86	93.37	7.6	33.52	8.1	23.4	0.20
F29	12 Aug 2025	3	20.83	93.45	7.7	33.52	8.1	23.4	0.22
F29	12 Aug 2025	4	20.81	93.46	7.6	33.52	8.1	23.4	0.25
F29	12 Aug 2025	5	20.72	93.46	7.6	33.51	8.1	23.4	0.25
F29	12 Aug 2025	6	20.36	93.45	7.7	33.51	8.1	23.5	0.25
F29	12 Aug 2025	7	20.01	93.61	7.7	33.50	8.1	23.6	0.24
F29	12 Aug 2025	8	19.20	94	7.9	33.47	8.1	23.8	0.23
F29	12 Aug 2025	9	18.47	94.46	8.0	33.40	8.1	23.9	0.19
F29	12 Aug 2025	10	18.12	94.74	8.1	33.35	8.1	24.0	0.19
F29	12 Aug 2025	11	18.00	94.92	8.2	33.35	8.1	24.0	0.19
F29	12 Aug 2025	12	17.98	95.1	8.2	33.41	8.1	24.1	0.19
F29	12 Aug 2025	13	17.92	95.16	8.2	33.45	8.2	24.1	0.22
F29	12 Aug 2025	14	17.78	94.92	8.2	33.45	8.2	24.1	0.26
F29	12 Aug 2025	15	17.45	94.62	8.3	33.45	8.2	24.2	0.29
F29	12 Aug 2025	16	17.33	94.5	8.4	33.44	8.2	24.2	0.33
F29	12 Aug 2025	17	17.31	94.45	8.4	33.44	8.2	24.2	0.42
F29	12 Aug 2025	18	17.25	94.33	8.4	33.45	8.2	24.3	0.47
F29	12 Aug 2025	19	16.80	94.02	8.5	33.44	8.2	24.4	0.56
F29	12 Aug 2025	20	16.62	93.5	8.5	33.42	8.2	24.4	0.88
F29	12 Aug 2025	21	16.44	93.15	8.6	33.39	8.2	24.4	1.36
F29	12 Aug 2025	22	16.31	92.64	8.6	33.39	8.1	24.4	1.78
F29	12 Aug 2025	23	16.25	92.1	8.7	33.38	8.1	24.4	1.97
F29	12 Aug 2025	24	16.22	92.16	8.7	33.39	8.1	24.5	2.22
F29	12 Aug 2025	25	16.04	92.15	8.6	33.39	8.1	24.5	2.21
F29	12 Aug 2025	26	15.56	92.15	8.7	33.38	8.1	24.6	2.32
F29	12 Aug 2025	27	15.39	91.95	8.7	33.35	8.1	24.6	2.44

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F29	12 Aug 2025	28	15.34	92.01	8.7	33.35	8.1	24.6	2.53
F29	12 Aug 2025	29	15.16	92.02	8.6	33.34	8.1	24.7	2.66
F29	12 Aug 2025	30	15.03	92.06	8.6	33.34	8.1	24.7	2.66
F29	12 Aug 2025	31	14.97	92.07	8.6	33.33	8.1	24.7	2.60
F29	12 Aug 2025	32	14.77	92.51	8.5	33.34	8.1	24.7	2.61
F29	12 Aug 2025	33	14.33	92.84	8.4	33.33	8.1	24.8	2.52
F29	12 Aug 2025	34	13.98	93.23	8.4	33.31	8.1	24.9	2.22
F29	12 Aug 2025	35	13.90	93.55	8.3	33.30	8.1	24.9	2.05
F29	12 Aug 2025	36	13.80	93.93	8.3	33.30	8.1	24.9	2.06
F29	12 Aug 2025	37	13.72	94.17	8.3	33.30	8.1	24.9	2.00
F29	12 Aug 2025	38	13.68	94.31	8.2	33.30	8.1	24.9	2.11
F29	12 Aug 2025	39	13.65	94.28	8.2	33.30	8.1	24.9	2.07
F29	12 Aug 2025	40	13.62	94.36	8.2	33.31	8.1	25.0	2.08
F29	12 Aug 2025	41	13.50	94.39	8.1	33.32	8.1	25.0	2.09
F29	12 Aug 2025	42	13.34	94.46	8.0	33.33	8.1	25.0	2.01
F29	12 Aug 2025	43	13.26	94.7	7.9	33.33	8.0	25.0	1.88
F29	12 Aug 2025	44	13.17	94.91	7.8	33.34	8.0	25.1	1.78
F29	12 Aug 2025	45	12.99	95.07	7.7	33.36	8.0	25.1	1.66
F29	12 Aug 2025	46	12.85	95.36	7.5	33.39	8.0	25.2	1.42
F29	12 Aug 2025	47	12.73	95.69	7.3	33.41	8.0	25.2	1.15
F29	12 Aug 2025	48	12.71	96.08	7.2	33.42	8.0	25.2	0.92
F29	12 Aug 2025	49	12.72	96.42	7.2	33.42	8.0	25.2	0.85
F29	12 Aug 2025	50	12.71	96.46	7.2	33.42	8.0	25.2	0.88
F29	12 Aug 2025	51	12.71	96.49	7.2	33.42	8.0	25.2	0.85
F29	12 Aug 2025	52	12.71	96.49	7.2	33.42	8.0	25.2	0.85
F29	12 Aug 2025	53	12.71	96.19	7.2	33.42	8.0	25.2	0.84
F29	12 Aug 2025	54	12.71	96.37	7.2	33.42	8.0	25.2	0.84
F29	12 Aug 2025	55	12.71	96.49	7.2	33.42	8.0	25.2	0.85
F29	12 Aug 2025	56	12.71	96.48	7.2	33.42	8.0	25.2	0.82
F29	12 Aug 2025	57	12.71	96.51	7.2	33.42	8.0	25.2	0.82
F29	12 Aug 2025	58	12.71	96.51	7.2	33.42	8.0	25.2	0.83
F29	12 Aug 2025	59	12.71	96.51	7.2	33.42	8.0	25.2	0.83
F29	12 Aug 2025	60	12.70	96.57	7.2	33.42	8.0	25.2	0.81
F29	12 Aug 2025	61	12.70	96.6	7.2	33.42	8.0	25.2	0.79
F29	12 Aug 2025	62	12.68	96.65	7.1	33.42	8.0	25.2	0.78
F29	12 Aug 2025	63	12.66	96.67	7.1	33.42	8.0	25.2	0.77
F29	12 Aug 2025	64	12.57	96.68	7.1	33.42	8.0	25.3	0.76
F29	12 Aug 2025	65	12.51	96.72	7.0	33.42	8.0	25.3	0.71
F29	12 Aug 2025	66	12.42	96.83	7.0	33.42	8.0	25.3	0.64
F29	12 Aug 2025	67	12.30	96.94	6.9	33.42	8.0	25.3	0.60
F29	12 Aug 2025	68	12.15	97.03	6.9	33.42	7.9	25.3	0.56
F29	12 Aug 2025	69	12.03	97.12	6.8	33.44	7.9	25.4	0.52
F29	12 Aug 2025	70	11.99	97.16	6.6	33.45	7.9	25.4	0.49
F29	12 Aug 2025	71	11.97	97.09	6.6	33.45	7.9	25.4	0.51
F29	12 Aug 2025	72	11.94	97.04	6.5	33.46	7.9	25.4	0.51
F29	12 Aug 2025	73	11.87	96.96	6.4	33.47	7.9	25.4	0.50
F29	12 Aug 2025	74	11.79	97	6.2	33.48	7.9	25.4	0.50
F29	12 Aug 2025	75	11.74	96.95	6.1	33.49	7.9	25.5	0.48
F29	12 Aug 2025	76	11.68	96.91	6.0	33.50	7.9	25.5	0.46
F29	12 Aug 2025	77	11.65	96.88	6.0	33.50	7.9	25.5	0.45
F29	12 Aug 2025	78	11.55	96.86	5.9	33.52	7.8	25.5	0.45
F29	12 Aug 2025	79	11.50	96.77	5.8	33.52	7.8	25.5	0.43
F29	12 Aug 2025	80	11.48	96.67	5.7	33.53	7.8	25.5	0.42
F29	12 Aug 2025	81	11.47	96.59	5.7	33.53	7.8	25.5	0.41
F29	12 Aug 2025	82	11.46	96.52	5.6	33.53	7.8	25.5	0.42
F29	12 Aug 2025	83	11.44	96.43	5.6	33.53	7.8	25.6	0.40
F29	12 Aug 2025	84	11.44	96.29	5.6	33.53	7.8	25.6	0.42
F29	12 Aug 2025	85	11.44	96.34	5.6	33.53	7.8	25.6	0.41
F29	12 Aug 2025	86	11.43	96.26	5.5	33.53	7.8	25.6	0.41
F29	12 Aug 2025	87	11.42	96.2	5.5	33.54	7.8	25.6	0.41
F29	12 Aug 2025	88	11.42	96.1	5.4	33.54	7.8	25.6	0.41

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F29	12 Aug 2025	89	11.41	95.88	5.4	33.54	7.8	25.6	0.41
F29	12 Aug 2025	90	11.34	95.81	5.2	33.55	7.8	25.6	0.38
F29	12 Aug 2025	91	11.28	95.51	5.0	33.56	7.8	25.6	0.35
F29	12 Aug 2025	92	11.18	95.03	4.8	33.55	7.8	25.6	0.29
F29	12 Aug 2025	93	11.15	93.72	4.6	33.55	7.8	25.6	0.23
F29	12 Aug 2025	94	11.15	93.43	4.6	33.58	7.8	25.6	0.24
F29	12 Aug 2025	95	11.09	94.33	4.5	33.63	7.7	25.7	0.23
F29	12 Aug 2025	96	11.05	94.45	4.5	33.64	7.7	25.7	0.21
F29	12 Aug 2025	97	11.04	94.31	4.4	33.65	7.7	25.7	0.20
F29	12 Aug 2025	98	11.03	94.21	4.4	33.65	7.7	25.7	0.20
F29	12 Aug 2025	99	11.03	93.98	4.4	33.65	7.7	25.7	0.20
F29	12 Aug 2025	100	11.05	89.48	4.4	33.65	7.7	25.7	0.22
F18	14 Aug 2025	1	21.08	94.13	7.6	33.58	8.2	23.4	0.34
F18	14 Aug 2025	2	21.09	94.17	7.6	33.58	8.2	23.4	0.34
F18	14 Aug 2025	3	21.07	94.29	7.6	33.58	8.2	23.4	0.36
F18	14 Aug 2025	4	21.02	94.29	7.5	33.57	8.2	23.4	0.39
F18	14 Aug 2025	5	19.92	94.33	7.6	33.54	8.2	23.7	0.39
F18	14 Aug 2025	6	18.85	94.27	8.0	33.48	8.1	23.9	0.37
F18	14 Aug 2025	7	18.74	94.58	8.1	33.47	8.1	23.9	0.34
F18	14 Aug 2025	8	18.72	94.77	8.0	33.47	8.1	23.9	0.32
F18	14 Aug 2025	9	18.70	95.08	8.0	33.48	8.1	23.9	0.30
F18	14 Aug 2025	10	18.61	95.07	8.0	33.48	8.1	24.0	0.32
F18	14 Aug 2025	11	18.52	95.01	8.0	33.48	8.1	24.0	0.33
F18	14 Aug 2025	12	18.39	95.04	8.1	33.48	8.1	24.0	0.37
F18	14 Aug 2025	13	18.18	94.93	8.1	33.49	8.1	24.1	0.40
F18	14 Aug 2025	14	17.82	94.77	8.2	33.48	8.1	24.2	0.44
F18	14 Aug 2025	15	17.73	94.67	8.2	33.47	8.1	24.2	0.49
F18	14 Aug 2025	16	17.67	94.48	8.3	33.47	8.1	24.2	0.55
F18	14 Aug 2025	17	17.60	94.46	8.3	33.47	8.1	24.2	0.61
F18	14 Aug 2025	18	17.49	94.39	8.3	33.46	8.1	24.2	0.64
F18	14 Aug 2025	19	17.09	94.23	8.4	33.42	8.1	24.3	0.75
F18	14 Aug 2025	20	16.71	94.06	8.5	33.38	8.1	24.3	1.18
F18	14 Aug 2025	21	16.65	93.17	8.6	33.38	8.1	24.4	1.52
F18	14 Aug 2025	22	16.54	92.81	8.7	33.38	8.1	24.4	1.55
F18	14 Aug 2025	23	16.32	92.77	8.6	33.38	8.1	24.4	1.60
F18	14 Aug 2025	24	15.87	92.61	8.5	33.39	8.1	24.5	1.84
F18	14 Aug 2025	25	15.32	92.51	8.4	33.40	8.1	24.7	1.96
F18	14 Aug 2025	26	14.54	92.98	8.5	33.35	8.1	24.8	1.92
F18	14 Aug 2025	27	14.46	94.04	8.3	33.32	8.1	24.8	1.85
F18	14 Aug 2025	28	14.09	94.28	8.3	33.32	8.1	24.9	1.93
F18	14 Aug 2025	29	13.90	94.29	8.2	33.30	8.1	24.9	1.91
F18	14 Aug 2025	30	13.75	94.37	8.2	33.30	8.1	24.9	1.80
F18	14 Aug 2025	31	13.71	94.5	8.1	33.30	8.1	24.9	1.71
F18	14 Aug 2025	32	13.67	94.65	8.0	33.31	8.1	24.9	1.73
F18	14 Aug 2025	33	13.61	94.79	8.0	33.32	8.1	25.0	1.73
F18	14 Aug 2025	34	13.51	94.91	7.9	33.33	8.0	25.0	1.63
F18	14 Aug 2025	35	13.35	95.19	7.8	33.34	8.0	25.0	1.55
F18	14 Aug 2025	36	13.27	95.57	7.7	33.34	8.0	25.1	1.28
F18	14 Aug 2025	37	13.24	95.85	7.7	33.34	8.0	25.1	1.23
F18	14 Aug 2025	38	13.21	95.97	7.6	33.35	8.0	25.1	1.16
F18	14 Aug 2025	39	13.17	96.04	7.6	33.37	8.0	25.1	1.11
F18	14 Aug 2025	40	13.15	96.1	7.6	33.37	8.0	25.1	1.09
F18	14 Aug 2025	41	13.14	96.12	7.5	33.38	8.0	25.1	1.09
F18	14 Aug 2025	42	13.11	96.12	7.5	33.38	8.0	25.1	1.05
F18	14 Aug 2025	43	13.07	96.13	7.4	33.38	8.0	25.1	1.03
F18	14 Aug 2025	44	13.05	96.14	7.4	33.39	8.0	25.1	1.01
F18	14 Aug 2025	45	13.02	96.19	7.4	33.39	8.0	25.1	0.99
F18	14 Aug 2025	46	12.95	96.2	7.3	33.40	8.0	25.2	0.98
F18	14 Aug 2025	47	12.92	96.14	7.3	33.40	8.0	25.2	0.95
F18	14 Aug 2025	48	12.88	96.14	7.3	33.39	8.0	25.2	0.94

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F18	14 Aug 2025	49	12.84	96.14	7.2	33.39	8.0	25.2	0.97
F18	14 Aug 2025	50	12.79	96.06	7.2	33.40	8.0	25.2	0.95
F18	14 Aug 2025	51	12.76	96.09	7.2	33.41	8.0	25.2	0.92
F18	14 Aug 2025	52	12.67	96.24	7.1	33.42	8.0	25.2	0.87
F18	14 Aug 2025	53	12.59	96.26	7.0	33.42	8.0	25.3	0.84
F18	14 Aug 2025	54	12.53	96.27	6.9	33.42	8.0	25.3	0.82
F18	14 Aug 2025	55	12.50	96.17	6.8	33.42	8.0	25.3	0.82
F18	14 Aug 2025	56	12.39	96.07	6.7	33.44	7.9	25.3	0.83
F18	14 Aug 2025	57	12.24	95.96	6.6	33.45	7.9	25.3	0.77
F18	14 Aug 2025	58	12.14	96.07	6.5	33.45	7.9	25.4	0.68
F18	14 Aug 2025	59	12.06	95.87	6.4	33.46	7.9	25.4	0.64
F18	14 Aug 2025	60	11.94	96.37	6.3	33.47	7.9	25.4	0.59
F18	14 Aug 2025	61	11.90	96.64	6.2	33.47	7.9	25.4	0.55
F18	14 Aug 2025	62	11.90	96.67	6.2	33.47	7.9	25.4	0.53
F18	14 Aug 2025	63	11.84	96.67	6.1	33.47	7.9	25.4	0.52
F18	14 Aug 2025	64	11.69	96.67	6.0	33.49	7.9	25.5	0.51
F18	14 Aug 2025	65	11.47	96.14	5.6	33.49	7.8	25.5	0.41
F18	14 Aug 2025	66	11.46	93.46	5.3	33.50	7.8	25.5	0.33
F18	14 Aug 2025	67	11.50	94.23	5.3	33.52	7.8	25.5	0.34
F18	14 Aug 2025	68	11.50	95.34	5.3	33.53	7.8	25.5	0.36
F18	14 Aug 2025	69	11.47	95.42	5.3	33.54	7.8	25.6	0.35
F18	14 Aug 2025	70	11.43	95.22	5.2	33.55	7.8	25.6	0.35
F18	14 Aug 2025	71	11.32	95.12	5.2	33.56	7.8	25.6	0.33
F18	14 Aug 2025	72	11.21	94.68	4.9	33.59	7.8	25.6	0.29
F18	14 Aug 2025	73	11.17	93.37	4.7	33.60	7.8	25.7	0.24
F18	14 Aug 2025	74	11.16	93.07	4.6	33.61	7.8	25.7	0.23
F18	14 Aug 2025	75	11.16	92.86	4.6	33.61	7.8	25.7	0.23
F18	14 Aug 2025	76	11.15	92.87	4.5	33.61	7.8	25.7	0.23
F18	14 Aug 2025	77	11.15	92.78	4.5	33.61	7.8	25.7	0.23
F18	14 Aug 2025	78	11.14	92.53	4.5	33.62	7.8	25.7	0.22
F18	14 Aug 2025	79	11.10	92.5	4.5	33.63	7.8	25.7	0.22
F18	14 Aug 2025	80	11.05	92.38	4.4	33.64	7.8	25.7	0.21
F18	14 Aug 2025	81	11.00	92.82	4.4	33.66	7.8	25.7	0.20
F18	14 Aug 2025	82	11.02	92.62	4.4	33.65	7.7	25.7	0.19
F18	14 Aug 2025	83	10.99	NA	4.4	33.66	7.7	25.7	0.19
F07	13 Aug 2025	1	21.05	94.35	7.9	33.55	8.2	23.4	0.34
F07	13 Aug 2025	2	21.10	91.51	7.8	33.56	8.2	23.4	0.35
F07	13 Aug 2025	3	21.03	94.75	7.7	33.57	8.2	23.4	0.36
F07	13 Aug 2025	4	19.20	94.78	8.0	33.51	8.2	23.8	0.39
F07	13 Aug 2025	5	18.09	94.97	8.2	33.44	8.2	24.1	0.35
F07	13 Aug 2025	6	17.47	94.93	8.4	33.38	8.1	24.2	0.47
F07	13 Aug 2025	7	17.39	94.61	8.4	33.35	8.1	24.2	0.58
F07	13 Aug 2025	8	16.57	94.01	8.7	33.41	8.2	24.4	0.81
F07	13 Aug 2025	9	16.15	92.59	8.7	33.37	8.1	24.5	1.75
F07	13 Aug 2025	10	15.99	92.25	8.7	33.37	8.1	24.5	1.78
F07	13 Aug 2025	11	15.39	91.84	8.7	33.37	8.1	24.6	2.28
F07	13 Aug 2025	12	14.93	91.13	8.7	33.36	8.1	24.7	2.82
F07	13 Aug 2025	13	14.51	91.03	8.5	33.34	8.1	24.8	2.73
F07	13 Aug 2025	14	14.06	91.97	8.4	33.31	8.1	24.9	2.51
F07	13 Aug 2025	15	13.92	92.67	8.3	33.30	8.1	24.9	2.51
F07	13 Aug 2025	16	13.74	92.52	8.2	33.30	8.1	24.9	2.65
F07	13 Aug 2025	17	13.47	92.36	8.1	33.31	8.1	25.0	2.66
F07	13 Aug 2025	18	13.42	92.45	8.0	33.31	8.1	25.0	2.62
F07	13 Aug 2025	19	13.39	92.43	7.9	33.32	8.1	25.0	2.54
F07	13 Aug 2025	20	13.31	92.39	7.8	33.34	8.0	25.0	2.48
F07	13 Aug 2025	21	13.23	92.39	7.7	33.36	8.0	25.1	2.31
F07	13 Aug 2025	22	13.07	92.4	7.5	33.37	8.0	25.1	2.08
F07	13 Aug 2025	23	13.00	93.09	7.4	33.37	8.0	25.1	1.82
F07	13 Aug 2025	24	12.99	93.31	7.4	33.38	8.0	25.1	1.71
F07	13 Aug 2025	25	12.94	93.51	7.3	33.38	8.0	25.1	1.63

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F07	13 Aug 2025	26	12.94	93.83	7.3	33.38	8.0	25.1	1.48
F07	13 Aug 2025	27	12.87	94.16	7.3	33.38	8.0	25.2	1.58
F07	13 Aug 2025	28	12.82	94.27	7.2	33.38	8.0	25.2	1.35
F07	13 Aug 2025	29	12.75	94.48	7.2	33.39	8.0	25.2	1.22
F07	13 Aug 2025	30	12.75	94.96	7.2	33.39	8.0	25.2	1.18
F07	13 Aug 2025	31	12.62	95.14	7.0	33.40	8.0	25.2	1.15
F07	13 Aug 2025	32	12.56	94.86	6.9	33.41	8.0	25.2	1.09
F07	13 Aug 2025	33	12.54	94.4	6.8	33.41	8.0	25.2	1.05
F07	13 Aug 2025	34	12.53	94.27	6.8	33.41	8.0	25.3	1.09
F07	13 Aug 2025	35	12.53	94.24	6.8	33.41	8.0	25.3	1.06
F07	13 Aug 2025	36	12.53	94.28	6.7	33.41	8.0	25.3	1.04
F07	13 Aug 2025	37	12.53	94.32	6.7	33.41	8.0	25.3	1.07
F07	13 Aug 2025	38	12.52	94.42	6.7	33.41	8.0	25.3	1.06
F07	13 Aug 2025	39	12.51	94.38	6.7	33.41	8.0	25.3	1.07
F07	13 Aug 2025	40	12.48	94.21	6.6	33.42	7.9	25.3	1.05
F07	13 Aug 2025	41	12.47	93.63	6.5	33.42	7.9	25.3	1.03
F07	13 Aug 2025	42	12.47	92.85	6.5	33.42	7.9	25.3	1.06
F07	13 Aug 2025	43	12.47	92.6	6.4	33.42	7.9	25.3	1.02
F07	13 Aug 2025	44	12.46	92.29	6.4	33.42	7.9	25.3	1.03
F07	13 Aug 2025	45	12.45	92.56	6.4	33.42	7.9	25.3	1.02
F07	13 Aug 2025	46	12.45	92.88	6.5	33.42	7.9	25.3	1.03
F07	13 Aug 2025	47	12.43	93.03	6.4	33.42	7.9	25.3	1.01
F07	13 Aug 2025	48	12.40	93.44	6.4	33.42	7.9	25.3	0.98
F07	13 Aug 2025	49	12.40	93.02	6.4	33.42	7.9	25.3	1.01
F07	13 Aug 2025	50	12.31	92.8	6.3	33.44	7.9	25.3	1.07
F07	13 Aug 2025	51	12.08	93.12	6.2	33.47	7.9	25.4	0.91
F07	13 Aug 2025	52	11.96	93.48	6.0	33.48	7.9	25.4	0.78
F07	13 Aug 2025	53	11.89	94.12	5.9	33.48	7.9	25.4	0.74
F07	13 Aug 2025	54	11.83	94.73	5.8	33.49	7.9	25.4	0.68
F07	13 Aug 2025	55	11.79	94.82	5.8	33.50	7.9	25.5	0.65
F07	13 Aug 2025	56	11.74	94.75	5.7	33.51	7.8	25.5	0.64
F07	13 Aug 2025	57	11.74	94.34	5.6	33.50	7.8	25.5	0.62
F07	13 Aug 2025	58	11.59	93	5.5	33.53	7.8	25.5	0.61
F07	13 Aug 2025	59	11.56	91.85	5.4	33.53	7.8	25.5	0.53
F07	13 Aug 2025	60	11.53	92.42	5.3	33.54	7.8	25.5	0.51
F07	13 Aug 2025	61	11.52	92.72	5.3	33.54	7.8	25.5	0.48
F07	13 Aug 2025	62	11.50	92.06	5.2	33.55	7.8	25.6	0.52
F07	13 Aug 2025	63	11.47	90.83	5.1	33.55	7.8	25.6	0.48
F07	13 Aug 2025	64	11.45	89.13	5.0	33.56	7.8	25.6	0.49
F07	13 Aug 2025	65	11.48	86.41	5.1	33.55	7.8	25.6	0.49
F30	12 Aug 2025	1	21.14	92.23	7.6	33.56	8.2	23.4	0.28
F30	12 Aug 2025	2	21.14	93.75	7.6	33.56	8.2	23.4	0.28
F30	12 Aug 2025	3	21.12	94.07	7.6	33.56	8.2	23.4	0.31
F30	12 Aug 2025	4	21.10	94.18	7.6	33.56	8.2	23.4	0.32
F30	12 Aug 2025	5	21.02	94.14	7.6	33.55	8.2	23.4	0.32
F30	12 Aug 2025	6	21.01	94.06	7.6	33.55	8.2	23.4	0.33
F30	12 Aug 2025	7	20.96	94.14	7.6	33.55	8.2	23.4	0.35
F30	12 Aug 2025	8	20.86	94.19	7.6	33.54	8.2	23.4	0.35
F30	12 Aug 2025	9	20.38	94.16	7.6	33.53	8.2	23.5	0.38
F30	12 Aug 2025	10	19.55	94.28	7.7	33.45	8.1	23.7	0.31
F30	12 Aug 2025	11	18.32	95	8.0	33.32	8.1	23.9	0.25
F30	12 Aug 2025	12	18.12	95.52	8.1	33.28	8.1	23.9	0.20
F30	12 Aug 2025	13	17.89	95.5	8.1	33.28	8.1	24.0	0.21
F30	12 Aug 2025	14	17.75	95.47	8.2	33.27	8.1	24.0	0.22
F30	12 Aug 2025	15	17.67	95.47	8.2	33.31	8.1	24.1	0.25
F30	12 Aug 2025	16	17.60	95.27	8.2	33.40	8.2	24.1	0.27
F30	12 Aug 2025	17	17.36	94.87	8.3	33.41	8.2	24.2	0.37
F30	12 Aug 2025	18	17.32	94.62	8.3	33.44	8.2	24.2	0.40
F30	12 Aug 2025	19	17.04	94.43	8.3	33.46	8.2	24.3	0.53
F30	12 Aug 2025	20	16.81	93.99	8.5	33.44	8.2	24.4	0.86

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F30	12 Aug 2025	21	16.85	93.43	8.5	33.45	8.2	24.4	0.92
F30	12 Aug 2025	22	16.60	93.14	8.5	33.43	8.2	24.4	1.20
F30	12 Aug 2025	23	16.52	92.78	8.5	33.43	8.2	24.4	1.41
F30	12 Aug 2025	24	16.50	92.73	8.6	33.42	8.2	24.4	1.57
F30	12 Aug 2025	25	16.43	92.58	8.6	33.42	8.2	24.4	1.74
F30	12 Aug 2025	26	16.39	92.57	8.6	33.42	8.1	24.4	1.84
F30	12 Aug 2025	27	16.22	92.44	8.4	33.43	8.1	24.5	1.85
F30	12 Aug 2025	28	15.48	92.13	8.6	33.40	8.1	24.6	2.03
F30	12 Aug 2025	29	15.36	92.45	8.5	33.38	8.1	24.6	2.21
F30	12 Aug 2025	30	14.70	92.68	8.5	33.35	8.1	24.8	2.37
F30	12 Aug 2025	31	14.58	92.68	8.5	33.33	8.1	24.8	2.38
F30	12 Aug 2025	32	14.50	92.92	8.5	33.33	8.1	24.8	2.37
F30	12 Aug 2025	33	14.34	93.06	8.4	33.32	8.1	24.8	2.28
F30	12 Aug 2025	34	14.13	93.44	8.4	33.32	8.1	24.9	2.21
F30	12 Aug 2025	35	13.92	93.64	8.3	33.31	8.1	24.9	2.09
F30	12 Aug 2025	36	13.79	93.9	8.3	33.31	8.1	24.9	2.01
F30	12 Aug 2025	37	13.75	94.08	8.2	33.31	8.1	24.9	1.99
F30	12 Aug 2025	38	13.61	94.22	8.1	33.31	8.1	25.0	1.96
F30	12 Aug 2025	39	13.39	94.42	8.0	33.32	8.1	25.0	1.87
F30	12 Aug 2025	40	13.37	94.77	8.0	33.32	8.0	25.0	1.76
F30	12 Aug 2025	41	13.38	94.83	8.0	33.32	8.0	25.0	1.74
F30	12 Aug 2025	42	13.22	94.87	7.8	33.34	8.0	25.1	1.80
F30	12 Aug 2025	43	13.07	95.03	7.7	33.35	8.0	25.1	1.63
F30	12 Aug 2025	44	12.93	94.72	7.6	33.39	8.0	25.2	1.49
F30	12 Aug 2025	45	12.78	95.53	7.4	33.40	8.0	25.2	1.17
F30	12 Aug 2025	46	12.73	96	7.3	33.41	8.0	25.2	1.02
F30	12 Aug 2025	47	12.63	96.31	7.2	33.42	8.0	25.2	0.93
F30	12 Aug 2025	48	12.61	96.46	7.2	33.42	8.0	25.2	0.92
F30	12 Aug 2025	49	12.60	96.45	7.1	33.42	8.0	25.2	0.83
F30	12 Aug 2025	50	12.58	96.56	7.1	33.43	8.0	25.3	0.76
F30	12 Aug 2025	51	12.60	96.65	7.1	33.43	8.0	25.3	0.76
F30	12 Aug 2025	52	12.58	96.7	7.1	33.43	8.0	25.3	0.74
F30	12 Aug 2025	53	12.54	96.69	7.0	33.43	8.0	25.3	0.73
F30	12 Aug 2025	54	12.53	96.72	7.0	33.43	8.0	25.3	0.69
F30	12 Aug 2025	55	12.51	96.73	7.0	33.43	8.0	25.3	0.67
F30	12 Aug 2025	56	12.49	96.77	7.0	33.43	8.0	25.3	0.67
F30	12 Aug 2025	57	12.49	96.77	7.0	33.43	8.0	25.3	0.67
F30	12 Aug 2025	58	12.49	96.85	7.0	33.43	8.0	25.3	0.65
F30	12 Aug 2025	59	12.46	96.89	7.0	33.43	8.0	25.3	0.63
F30	12 Aug 2025	60	12.45	96.82	7.0	33.43	8.0	25.3	0.64
F30	12 Aug 2025	61	12.44	96.77	6.9	33.43	7.9	25.3	0.63
F30	12 Aug 2025	62	12.42	96.87	6.9	33.43	7.9	25.3	0.61
F30	12 Aug 2025	63	12.38	96.81	6.9	33.44	7.9	25.3	0.62
F30	12 Aug 2025	64	12.26	96.85	6.8	33.44	7.9	25.3	0.61
F30	12 Aug 2025	65	12.03	96.93	6.6	33.47	7.9	25.4	0.58
F30	12 Aug 2025	66	11.88	96.93	6.4	33.47	7.9	25.4	0.52
F30	12 Aug 2025	67	11.81	96.97	6.3	33.48	7.9	25.4	0.48
F30	12 Aug 2025	68	11.76	96.97	6.3	33.48	7.9	25.5	0.47
F30	12 Aug 2025	69	11.75	96.92	6.2	33.48	7.9	25.5	0.47
F30	12 Aug 2025	70	11.73	96.85	6.2	33.48	7.9	25.5	0.47
F30	12 Aug 2025	71	11.70	96.75	6.1	33.49	7.9	25.5	0.47
F30	12 Aug 2025	72	11.70	96.73	6.1	33.49	7.9	25.5	0.47
F30	12 Aug 2025	73	11.71	96.7	6.1	33.49	7.9	25.5	0.46
F30	12 Aug 2025	74	11.69	96.69	6.0	33.49	7.9	25.5	0.46
F30	12 Aug 2025	75	11.67	96.58	6.0	33.49	7.9	25.5	0.48
F30	12 Aug 2025	76	11.62	96.37	5.9	33.50	7.9	25.5	0.48
F30	12 Aug 2025	77	11.60	96.29	5.8	33.50	7.8	25.5	0.45
F30	12 Aug 2025	78	11.59	96.24	5.8	33.50	7.8	25.5	0.46
F30	12 Aug 2025	79	11.56	96.14	5.7	33.51	7.8	25.5	0.44
F30	12 Aug 2025	80	11.51	96.09	5.6	33.51	7.8	25.5	0.46
F30	12 Aug 2025	81	11.42	95.74	5.5	33.51	7.8	25.5	0.45

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F30	12 Aug 2025	82	11.40	94.96	5.3	33.51	7.8	25.5	0.39
F30	12 Aug 2025	83	11.37	94.47	5.2	33.51	7.8	25.6	0.38
F30	12 Aug 2025	84	11.37	94.14	5.2	33.52	7.8	25.6	0.38
F30	12 Aug 2025	85	11.32	93.73	5.1	33.51	7.8	25.6	0.36
F30	12 Aug 2025	86	11.23	92.01	4.9	33.51	7.8	25.6	0.31
F30	12 Aug 2025	87	11.17	91.49	4.7	33.51	7.7	25.6	0.25
F30	12 Aug 2025	88	11.17	91.09	4.6	33.51	7.7	25.6	0.22
F30	12 Aug 2025	89	11.16	90.78	4.6	33.51	7.7	25.6	0.21
F30	12 Aug 2025	90	11.16	91.62	4.6	33.51	7.7	25.6	0.23
F30	12 Aug 2025	91	11.16	91.68	4.6	33.51	7.7	25.6	0.22
F30	12 Aug 2025	92	11.14	91.03	4.5	33.52	7.7	25.6	0.22
F30	12 Aug 2025	93	11.14	91.12	4.5	33.52	7.7	25.6	0.23
F30	12 Aug 2025	94	11.14	91.25	4.5	33.52	7.7	25.6	0.21
F30	12 Aug 2025	95	11.14	91.34	4.5	33.52	7.7	25.6	0.21
F30	12 Aug 2025	96	11.14	91.3	4.5	33.52	7.7	25.6	0.20
F30	12 Aug 2025	97	11.13	91.36	4.5	33.52	7.7	25.6	0.20
F30	12 Aug 2025	98	11.12	91.22	4.4	33.53	7.7	25.6	0.20
F30	12 Aug 2025	99	11.13	90.68	4.4	33.52	7.7	25.6	0.21
F19	14 Aug 2025	1	21.10	93.96	7.6	33.58	8.2	23.4	0.32
F19	14 Aug 2025	2	21.10	94.09	7.5	33.58	8.2	23.4	0.32
F19	14 Aug 2025	3	21.10	94.15	7.5	33.58	8.2	23.4	0.34
F19	14 Aug 2025	4	20.89	94.32	7.4	33.62	8.2	23.5	0.35
F19	14 Aug 2025	5	19.16	94.5	7.8	33.62	8.1	23.9	0.34
F19	14 Aug 2025	6	18.80	94.71	8.0	33.52	8.1	23.9	0.28
F19	14 Aug 2025	7	18.76	94.92	8.0	33.51	8.1	23.9	0.28
F19	14 Aug 2025	8	18.73	95.06	8.0	33.51	8.1	24.0	0.28
F19	14 Aug 2025	9	18.69	95.04	8.0	33.51	8.1	24.0	0.30
F19	14 Aug 2025	10	18.61	95.08	8.0	33.50	8.1	24.0	0.34
F19	14 Aug 2025	11	18.44	95.02	8.0	33.50	8.1	24.0	0.37
F19	14 Aug 2025	12	18.12	95.03	8.1	33.51	8.1	24.1	0.37
F19	14 Aug 2025	13	17.85	94.98	8.1	33.46	8.1	24.1	0.39
F19	14 Aug 2025	14	17.81	95.07	8.1	33.47	8.1	24.1	0.40
F19	14 Aug 2025	15	17.72	95.05	8.2	33.48	8.1	24.2	0.48
F19	14 Aug 2025	16	17.54	94.84	8.2	33.48	8.1	24.2	0.58
F19	14 Aug 2025	17	17.33	94.49	8.3	33.45	8.1	24.3	0.71
F19	14 Aug 2025	18	17.15	94.3	8.3	33.42	8.1	24.3	0.74
F19	14 Aug 2025	19	16.80	94.28	8.4	33.37	8.1	24.3	0.81
F19	14 Aug 2025	20	16.54	94.1	8.5	33.36	8.1	24.4	1.00
F19	14 Aug 2025	21	16.45	93.77	8.6	33.38	8.1	24.4	1.45
F19	14 Aug 2025	22	16.36	93.47	8.6	33.38	8.1	24.4	1.65
F19	14 Aug 2025	23	16.17	93.08	8.6	33.40	8.1	24.5	1.71
F19	14 Aug 2025	24	15.68	92.96	8.5	33.41	8.1	24.6	1.65
F19	14 Aug 2025	25	14.79	93.02	8.4	33.42	8.1	24.8	1.86
F19	14 Aug 2025	26	14.26	93.71	8.3	33.34	8.1	24.8	1.86
F19	14 Aug 2025	27	14.09	94.24	8.3	33.32	8.1	24.9	1.82
F19	14 Aug 2025	28	14.08	94.51	8.2	33.31	8.1	24.9	1.86
F19	14 Aug 2025	29	13.67	94.6	8.2	33.31	8.1	25.0	1.88
F19	14 Aug 2025	30	13.58	94.7	8.1	33.30	8.1	25.0	1.75
F19	14 Aug 2025	31	13.55	94.72	8.0	33.31	8.1	25.0	1.71
F19	14 Aug 2025	32	13.48	94.7	7.9	33.32	8.1	25.0	1.73
F19	14 Aug 2025	33	13.29	94.88	7.8	33.35	8.0	25.1	1.54
F19	14 Aug 2025	34	13.20	95.69	7.7	33.36	8.0	25.1	1.22
F19	14 Aug 2025	35	13.14	96.13	7.6	33.37	8.0	25.1	1.12
F19	14 Aug 2025	36	13.13	96.1	7.5	33.37	8.0	25.1	1.04
F19	14 Aug 2025	37	13.09	96.18	7.5	33.38	8.0	25.1	1.02
F19	14 Aug 2025	38	13.04	96.17	7.4	33.38	8.0	25.1	0.96
F19	14 Aug 2025	39	13.00	96.26	7.4	33.39	8.0	25.1	0.98
F19	14 Aug 2025	40	12.97	96.21	7.4	33.39	8.0	25.2	0.93
F19	14 Aug 2025	41	12.95	96.27	7.3	33.40	8.0	25.2	0.98
F19	14 Aug 2025	42	12.93	96.36	7.3	33.40	8.0	25.2	0.91

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F19	14 Aug 2025	43	12.90	96.38	7.3	33.40	8.0	25.2	0.86
F19	14 Aug 2025	44	12.86	96.38	7.2	33.40	8.0	25.2	0.87
F19	14 Aug 2025	45	12.79	96.36	7.2	33.41	8.0	25.2	0.87
F19	14 Aug 2025	46	12.74	96.35	7.2	33.41	8.0	25.2	0.87
F19	14 Aug 2025	47	12.64	96.3	7.1	33.42	8.0	25.2	0.87
F19	14 Aug 2025	48	12.61	96.26	7.0	33.41	8.0	25.2	0.80
F19	14 Aug 2025	49	12.52	96.28	6.9	33.43	8.0	25.3	0.81
F19	14 Aug 2025	50	12.34	96.34	6.8	33.44	8.0	25.3	0.76
F19	14 Aug 2025	51	12.25	96.36	6.6	33.44	7.9	25.3	0.69
F19	14 Aug 2025	52	12.06	96.44	6.5	33.46	7.9	25.4	0.62
F19	14 Aug 2025	53	11.97	96.63	6.4	33.46	7.9	25.4	0.55
F19	14 Aug 2025	54	11.95	96.71	6.3	33.46	7.9	25.4	0.53
F19	14 Aug 2025	55	11.94	96.7	6.2	33.47	7.9	25.4	0.53
F19	14 Aug 2025	56	11.92	96.65	6.2	33.47	7.9	25.4	0.53
F19	14 Aug 2025	57	11.94	96.67	6.2	33.47	7.9	25.4	0.56
F19	14 Aug 2025	58	11.87	96.62	6.1	33.48	7.9	25.4	0.53
F19	14 Aug 2025	59	11.82	96.59	6.0	33.48	7.9	25.4	0.51
F19	14 Aug 2025	60	11.77	96.59	6.0	33.49	7.9	25.5	0.48
F19	14 Aug 2025	61	11.72	96.44	5.9	33.48	7.9	25.5	0.45
F19	14 Aug 2025	62	11.69	96.21	5.9	33.48	7.9	25.5	0.44
F19	14 Aug 2025	63	11.56	96.18	5.7	33.48	7.9	25.5	0.43
F19	14 Aug 2025	64	11.47	95.86	5.5	33.47	7.8	25.5	0.36
F19	14 Aug 2025	65	11.38	94.36	5.3	33.48	7.8	25.5	0.32
F19	14 Aug 2025	66	11.32	93.74	5.2	33.51	7.8	25.6	0.30
F19	14 Aug 2025	67	11.33	93.48	5.1	33.50	7.8	25.6	0.27
F19	14 Aug 2025	68	11.34	93.51	5.0	33.53	7.8	25.6	0.27
F19	14 Aug 2025	69	11.31	93.71	5.0	33.53	7.8	25.6	0.27
F19	14 Aug 2025	70	11.29	94.04	5.0	33.53	7.8	25.6	0.26
F19	14 Aug 2025	71	11.29	94.23	4.9	33.54	7.8	25.6	0.26
F19	14 Aug 2025	72	11.29	94.12	4.9	33.54	7.8	25.6	0.26
F19	14 Aug 2025	73	11.28	94	4.8	33.55	7.8	25.6	0.26
F19	14 Aug 2025	74	11.25	93.92	4.8	33.55	7.8	25.6	0.25
F19	14 Aug 2025	75	11.24	93.67	4.7	33.56	7.8	25.6	0.27
F19	14 Aug 2025	76	11.18	93.59	4.6	33.59	7.8	25.6	0.25
F19	14 Aug 2025	77	11.11	93.43	4.5	33.61	7.8	25.7	0.22
F19	14 Aug 2025	78	11.06	92.97	4.4	33.62	7.7	25.7	0.19
F19	14 Aug 2025	79	11.00	92.81	4.3	33.63	7.7	25.7	0.18
F19	14 Aug 2025	80	10.84	92.65	4.3	33.66	7.7	25.8	0.16
F19	14 Aug 2025	81	10.77	92.26	4.2	33.68	7.7	25.8	0.13
F19	14 Aug 2025	82	10.76	92.08	4.2	33.68	7.7	25.8	0.13
F19	14 Aug 2025	83	10.81	90.34	4.2	33.66	7.7	25.8	0.13
F08	13 Aug 2025	1	21.16	92.57	8.2	33.59	8.2	23.4	0.55
F08	13 Aug 2025	2	21.16	92.59	8.2	33.59	8.2	23.4	0.56
F08	13 Aug 2025	3	21.07	93.43	7.9	33.60	8.2	23.4	0.59
F08	13 Aug 2025	4	19.09	93.93	8.2	33.53	8.2	23.9	0.53
F08	13 Aug 2025	5	18.25	94.6	8.5	33.41	8.2	24.0	0.52
F08	13 Aug 2025	6	17.88	94.54	8.5	33.42	8.2	24.1	0.59
F08	13 Aug 2025	7	17.45	94.38	8.5	33.41	8.2	24.2	0.72
F08	13 Aug 2025	8	16.81	94.23	8.7	33.40	8.2	24.3	0.92
F08	13 Aug 2025	9	16.18	93.59	8.9	33.42	8.2	24.5	1.44
F08	13 Aug 2025	10	15.80	92.06	8.9	33.40	8.2	24.6	1.91
F08	13 Aug 2025	11	15.31	91.73	8.9	33.39	8.1	24.7	2.10
F08	13 Aug 2025	12	15.05	91.79	8.9	33.37	8.1	24.7	2.00
F08	13 Aug 2025	13	15.16	91.75	8.8	33.36	8.1	24.7	2.07
F08	13 Aug 2025	14	14.97	92.02	8.8	33.36	8.1	24.7	2.20
F08	13 Aug 2025	15	14.82	92.09	8.7	33.36	8.1	24.7	2.26
F08	13 Aug 2025	16	14.67	92.1	8.6	33.36	8.1	24.8	2.40
F08	13 Aug 2025	17	14.16	92.05	8.4	33.34	8.1	24.9	2.41
F08	13 Aug 2025	18	13.82	92.37	8.3	33.32	8.1	24.9	2.44
F08	13 Aug 2025	19	13.74	92.73	8.2	33.32	8.1	24.9	2.52

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F08	13 Aug 2025	20	13.68	92.46	8.1	33.33	8.1	25.0	2.62
F08	13 Aug 2025	21	13.42	91.71	8.0	33.34	8.1	25.0	2.82
F08	13 Aug 2025	22	13.28	91.93	7.9	33.34	8.0	25.1	2.63
F08	13 Aug 2025	23	13.19	92.25	7.7	33.36	8.0	25.1	2.72
F08	13 Aug 2025	24	13.01	91.77	7.5	33.38	8.0	25.1	2.83
F08	13 Aug 2025	25	12.98	91.16	7.3	33.39	8.0	25.1	2.74
F08	13 Aug 2025	26	12.95	90.81	7.2	33.40	8.0	25.2	2.69
F08	13 Aug 2025	27	12.85	90.4	7.1	33.41	8.0	25.2	2.48
F08	13 Aug 2025	28	12.86	90.4	7.0	33.40	8.0	25.2	2.22
F08	13 Aug 2025	29	12.85	89.84	7.0	33.41	8.0	25.2	2.29
F08	13 Aug 2025	30	12.79	89.06	6.9	33.41	8.0	25.2	2.22
F08	13 Aug 2025	31	12.77	89.43	6.8	33.41	8.0	25.2	2.08
F08	13 Aug 2025	32	12.74	89.56	6.8	33.41	8.0	25.2	1.93
F08	13 Aug 2025	33	12.72	90.1	6.8	33.41	8.0	25.2	1.75
F08	13 Aug 2025	34	12.71	91.11	6.8	33.41	8.0	25.2	1.61
F08	13 Aug 2025	35	12.67	91.91	6.8	33.41	8.0	25.2	1.56
F08	13 Aug 2025	36	12.60	92.17	6.8	33.41	8.0	25.2	1.42
F08	13 Aug 2025	37	12.58	93.17	6.7	33.41	8.0	25.2	1.38
F08	13 Aug 2025	38	12.56	93.15	6.6	33.41	7.9	25.3	1.45
F08	13 Aug 2025	39	12.54	91.96	6.6	33.41	7.9	25.3	1.36
F08	13 Aug 2025	40	12.53	91.2	6.5	33.41	7.9	25.3	1.31
F08	13 Aug 2025	41	12.50	91.16	6.5	33.42	7.9	25.3	1.27
F08	13 Aug 2025	42	12.48	91.77	6.5	33.42	7.9	25.3	1.18
F08	13 Aug 2025	43	12.48	91.4	6.4	33.42	7.9	25.3	1.15
F08	13 Aug 2025	44	12.47	91.44	6.4	33.42	7.9	25.3	1.10
F08	13 Aug 2025	45	12.46	91.76	6.4	33.42	7.9	25.3	1.12
F08	13 Aug 2025	46	12.43	92.01	6.4	33.42	7.9	25.3	1.03
F08	13 Aug 2025	47	12.41	91.6	6.3	33.42	7.9	25.3	1.02
F08	13 Aug 2025	48	12.40	91.37	6.3	33.42	7.9	25.3	1.01
F08	13 Aug 2025	49	12.37	91.75	6.3	33.42	7.9	25.3	1.00
F08	13 Aug 2025	50	12.36	92.34	6.3	33.42	7.9	25.3	0.97
F08	13 Aug 2025	51	12.36	92.21	6.3	33.42	7.9	25.3	1.00
F08	13 Aug 2025	52	12.37	92.2	6.3	33.42	7.9	25.3	0.96
F08	13 Aug 2025	53	12.36	92.18	6.3	33.42	7.9	25.3	0.96
F08	13 Aug 2025	54	12.36	92.13	6.3	33.42	7.9	25.3	0.96
F08	13 Aug 2025	55	12.34	92.01	6.2	33.43	7.9	25.3	0.97
F08	13 Aug 2025	56	12.28	91.83	6.2	33.44	7.9	25.3	0.93
F08	13 Aug 2025	57	12.12	91.24	6.0	33.46	7.9	25.4	0.86
F08	13 Aug 2025	58	11.99	91.32	5.8	33.47	7.9	25.4	0.78
F08	13 Aug 2025	59	11.76	90.42	5.6	33.51	7.8	25.5	0.70
F08	13 Aug 2025	60	11.67	87.33	5.4	33.52	7.8	25.5	0.60
F08	13 Aug 2025	61	11.62	83.48	5.3	33.52	7.8	25.5	0.58
F08	13 Aug 2025	62	11.62	82.7	5.3	33.52	7.8	25.5	0.60
F31	12 Aug 2025	1	21.07	94.23	7.7	33.56	8.2	23.4	0.28
F31	12 Aug 2025	2	21.07	94.26	7.7	33.56	8.2	23.4	0.27
F31	12 Aug 2025	3	21.06	94.32	7.6	33.56	8.2	23.4	0.33
F31	12 Aug 2025	4	21.06	94.29	7.6	33.56	8.2	23.4	0.27
F31	12 Aug 2025	5	21.04	94.34	7.6	33.56	8.2	23.4	0.29
F31	12 Aug 2025	6	20.94	94.34	7.6	33.55	8.2	23.4	0.28
F31	12 Aug 2025	7	20.87	94.3	7.7	33.54	8.2	23.4	0.30
F31	12 Aug 2025	8	20.61	94.27	7.7	33.52	8.2	23.5	0.31
F31	12 Aug 2025	9	20.11	94.13	7.8	33.48	8.1	23.6	0.32
F31	12 Aug 2025	10	19.71	94.23	7.8	33.43	8.1	23.6	0.30
F31	12 Aug 2025	11	19.08	94.62	7.9	33.39	8.1	23.8	0.29
F31	12 Aug 2025	12	18.35	95.21	8.1	33.35	8.1	23.9	0.24
F31	12 Aug 2025	13	18.30	95.33	8.1	33.44	8.1	24.0	0.23
F31	12 Aug 2025	14	18.13	95.22	8.1	33.47	8.2	24.1	0.25
F31	12 Aug 2025	15	17.92	95.12	8.1	33.45	8.2	24.1	0.27
F31	12 Aug 2025	16	17.49	95.19	8.3	33.41	8.2	24.2	0.29
F31	12 Aug 2025	17	17.40	94.97	8.3	33.42	8.2	24.2	0.34

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F31	12 Aug 2025	18	17.43	94.66	8.4	33.44	8.2	24.2	0.41
F31	12 Aug 2025	19	17.40	94.59	8.3	33.45	8.2	24.2	0.42
F31	12 Aug 2025	20	17.11	94.52	8.4	33.47	8.2	24.3	0.50
F31	12 Aug 2025	21	16.90	94.06	8.5	33.46	8.2	24.4	0.78
F31	12 Aug 2025	22	16.58	92.97	8.6	33.45	8.1	24.4	1.11
F31	12 Aug 2025	23	16.47	92.8	8.6	33.44	8.1	24.4	1.59
F31	12 Aug 2025	24	16.41	92.67	8.6	33.44	8.1	24.5	1.78
F31	12 Aug 2025	25	16.19	92.71	8.5	33.43	8.1	24.5	1.80
F31	12 Aug 2025	26	15.28	92.44	8.6	33.39	8.1	24.7	2.14
F31	12 Aug 2025	27	15.32	92.72	8.5	33.37	8.1	24.6	2.24
F31	12 Aug 2025	28	14.66	92.89	8.5	33.35	8.1	24.8	2.28
F31	12 Aug 2025	29	14.41	92.96	8.5	33.33	8.1	24.8	2.29
F31	12 Aug 2025	30	14.31	93.08	8.4	33.32	8.1	24.8	2.24
F31	12 Aug 2025	31	14.15	93.45	8.3	33.32	8.1	24.9	2.28
F31	12 Aug 2025	32	13.97	93.7	8.3	33.31	8.1	24.9	2.19
F31	12 Aug 2025	33	13.85	93.86	8.2	33.31	8.1	24.9	2.14
F31	12 Aug 2025	34	13.87	93.99	8.2	33.31	8.1	24.9	2.00
F31	12 Aug 2025	35	13.71	94.17	8.2	33.31	8.1	24.9	2.03
F31	12 Aug 2025	36	13.65	94.25	8.1	33.31	8.1	25.0	1.94
F31	12 Aug 2025	37	13.56	94.43	8.1	33.32	8.1	25.0	1.93
F31	12 Aug 2025	38	13.45	94.52	8.0	33.32	8.1	25.0	1.88
F31	12 Aug 2025	39	13.27	94.46	7.9	33.34	8.0	25.1	1.88
F31	12 Aug 2025	40	13.12	94.87	7.8	33.34	8.0	25.1	1.71
F31	12 Aug 2025	41	13.11	95.31	7.7	33.34	8.0	25.1	1.62
F31	12 Aug 2025	42	12.97	95.43	7.6	33.35	8.0	25.1	1.50
F31	12 Aug 2025	43	12.88	95.41	7.6	33.36	8.0	25.1	1.42
F31	12 Aug 2025	44	12.86	95.58	7.5	33.36	8.0	25.1	1.35
F31	12 Aug 2025	45	12.79	95.66	7.5	33.37	8.0	25.2	1.30
F31	12 Aug 2025	46	12.73	95.85	7.4	33.38	8.0	25.2	1.18
F31	12 Aug 2025	47	12.66	96.08	7.3	33.39	8.0	25.2	1.17
F31	12 Aug 2025	48	12.54	96.17	7.2	33.41	8.0	25.3	1.03
F31	12 Aug 2025	49	12.53	96.38	7.1	33.42	8.0	25.3	0.85
F31	12 Aug 2025	50	12.55	96.52	7.1	33.41	8.0	25.3	0.87
F31	12 Aug 2025	51	12.52	96.58	7.1	33.42	8.0	25.3	0.82
F31	12 Aug 2025	52	12.52	96.59	7.0	33.42	8.0	25.3	0.80
F31	12 Aug 2025	53	12.52	96.59	7.0	33.42	8.0	25.3	0.79
F31	12 Aug 2025	54	12.52	96.63	7.0	33.43	8.0	25.3	0.77
F31	12 Aug 2025	55	12.48	96.65	7.0	33.43	8.0	25.3	0.75
F31	12 Aug 2025	56	12.41	96.78	6.9	33.44	8.0	25.3	0.69
F31	12 Aug 2025	57	12.38	96.84	6.9	33.44	7.9	25.3	0.63
F31	12 Aug 2025	58	12.35	96.94	6.9	33.44	7.9	25.3	0.61
F31	12 Aug 2025	59	12.33	96.92	6.9	33.44	7.9	25.3	0.61
F31	12 Aug 2025	60	12.29	96.97	6.8	33.44	7.9	25.3	0.61
F31	12 Aug 2025	61	12.27	96.96	6.8	33.44	7.9	25.3	0.58
F31	12 Aug 2025	62	12.28	96.94	6.8	33.44	7.9	25.3	0.59
F31	12 Aug 2025	63	12.22	97.02	6.8	33.45	7.9	25.3	0.58
F31	12 Aug 2025	64	12.02	97.01	6.7	33.46	7.9	25.4	0.53
F31	12 Aug 2025	65	11.88	97.05	6.5	33.47	7.9	25.4	0.50
F31	12 Aug 2025	66	11.79	97.1	6.4	33.48	7.9	25.4	0.48
F31	12 Aug 2025	67	11.72	97.05	6.2	33.48	7.9	25.5	0.47
F31	12 Aug 2025	68	11.68	96.95	6.2	33.48	7.9	25.5	0.47
F31	12 Aug 2025	69	11.62	96.82	6.1	33.49	7.9	25.5	0.44
F31	12 Aug 2025	70	11.60	96.55	6.0	33.49	7.9	25.5	0.43
F31	12 Aug 2025	71	11.58	96.3	5.9	33.49	7.8	25.5	0.43
F31	12 Aug 2025	72	11.58	96.06	5.8	33.48	7.8	25.5	0.44
F31	12 Aug 2025	73	11.52	95.45	5.7	33.49	7.8	25.5	0.43
F31	12 Aug 2025	74	11.49	94.73	5.6	33.48	7.8	25.5	0.39
F31	12 Aug 2025	75	11.44	94.4	5.5	33.49	7.8	25.5	0.39
F31	12 Aug 2025	76	11.42	94.49	5.4	33.50	7.8	25.5	0.37
F31	12 Aug 2025	77	11.42	94.69	5.4	33.50	7.8	25.5	0.37
F31	12 Aug 2025	78	11.41	95.02	5.4	33.51	7.8	25.5	0.38

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F31	12 Aug 2025	79	11.39	95.53	5.4	33.52	7.8	25.6	0.38
F31	12 Aug 2025	80	11.34	95.96	5.3	33.52	7.8	25.6	0.37
F31	12 Aug 2025	81	11.27	95.67	5.2	33.52	7.8	25.6	0.30
F31	12 Aug 2025	82	11.25	95.2	5.2	33.52	7.8	25.6	0.27
F31	12 Aug 2025	83	11.23	95.62	5.1	33.54	7.8	25.6	0.26
F31	12 Aug 2025	84	11.22	95.63	5.0	33.53	7.8	25.6	0.24
F31	12 Aug 2025	85	11.22	95.25	4.9	33.53	7.8	25.6	0.23
F31	12 Aug 2025	86	11.22	95.12	4.9	33.54	7.8	25.6	0.24
F31	12 Aug 2025	87	11.26	95.2	5.0	33.55	7.8	25.6	0.27
F31	12 Aug 2025	88	11.28	95.5	5.1	33.56	7.8	25.6	0.29
F31	12 Aug 2025	89	11.27	96.09	5.2	33.56	7.8	25.6	0.30
F31	12 Aug 2025	90	11.26	96.32	5.1	33.56	7.8	25.6	0.30
F31	12 Aug 2025	91	11.25	96.2	5.1	33.57	7.8	25.6	0.30
F31	12 Aug 2025	92	11.19	96.08	5.0	33.57	7.8	25.6	0.28
F31	12 Aug 2025	93	11.16	96.06	4.9	33.57	7.8	25.6	0.23
F31	12 Aug 2025	94	11.10	95.71	4.7	33.58	7.8	25.7	0.22
F31	12 Aug 2025	95	11.07	94.22	4.5	33.60	7.7	25.7	0.18
F31	12 Aug 2025	96	11.03	93.94	4.4	33.62	7.7	25.7	0.17
F31	12 Aug 2025	97	11.02	93.99	4.3	33.62	7.7	25.7	0.16
F31	12 Aug 2025	98	11.04	93.34	3.5	33.61	7.7	25.7	0.17
F20	14 Aug 2025	1	21.18	93.47	7.6	33.59	8.1	23.4	0.33
F20	14 Aug 2025	2	21.19	94.01	7.6	33.59	8.1	23.4	0.34
F20	14 Aug 2025	3	21.19	94.35	7.6	33.59	8.2	23.4	0.37
F20	14 Aug 2025	4	21.11	94.43	7.4	33.59	8.2	23.4	0.38
F20	14 Aug 2025	5	19.86	94.34	7.6	33.56	8.1	23.7	0.39
F20	14 Aug 2025	6	18.89	94.43	7.9	33.51	8.1	23.9	0.33
F20	14 Aug 2025	7	18.81	94.9	8.0	33.48	8.1	23.9	0.32
F20	14 Aug 2025	8	18.73	95.06	8.0	33.47	8.1	23.9	0.33
F20	14 Aug 2025	9	18.67	95.08	8.0	33.47	8.1	23.9	0.38
F20	14 Aug 2025	10	18.51	95.18	8.0	33.47	8.1	24.0	0.35
F20	14 Aug 2025	11	18.21	95.19	8.0	33.48	8.1	24.1	0.33
F20	14 Aug 2025	12	17.97	95.27	8.1	33.45	8.1	24.1	0.37
F20	14 Aug 2025	13	17.77	95.15	8.1	33.44	8.1	24.1	0.39
F20	14 Aug 2025	14	17.72	95.04	8.2	33.46	8.1	24.2	0.43
F20	14 Aug 2025	15	17.56	94.8	8.3	33.46	8.1	24.2	0.51
F20	14 Aug 2025	16	17.42	94.64	8.3	33.45	8.1	24.2	0.60
F20	14 Aug 2025	17	17.17	94.38	8.3	33.42	8.1	24.3	0.67
F20	14 Aug 2025	18	16.86	94.35	8.4	33.36	8.1	24.3	0.76
F20	14 Aug 2025	19	16.62	94.24	8.4	33.31	8.1	24.3	0.95
F20	14 Aug 2025	20	16.33	94.04	8.6	33.33	8.1	24.4	1.20
F20	14 Aug 2025	21	16.24	93.54	8.6	33.36	8.1	24.4	1.52
F20	14 Aug 2025	22	16.17	93.12	8.5	33.38	8.1	24.5	1.62
F20	14 Aug 2025	23	15.76	92.95	8.5	33.40	8.1	24.6	1.65
F20	14 Aug 2025	24	14.74	92.88	8.5	33.38	8.1	24.8	1.71
F20	14 Aug 2025	25	14.40	93.5	8.4	33.34	8.1	24.8	1.78
F20	14 Aug 2025	26	14.15	94.24	8.3	33.32	8.1	24.9	1.81
F20	14 Aug 2025	27	14.02	94.37	8.2	33.32	8.1	24.9	1.85
F20	14 Aug 2025	28	13.77	94.44	8.1	33.32	8.1	24.9	1.82
F20	14 Aug 2025	29	13.57	94.6	8.0	33.31	8.1	25.0	1.71
F20	14 Aug 2025	30	13.43	94.94	8.0	33.31	8.0	25.0	1.64
F20	14 Aug 2025	31	13.37	95.01	7.9	33.32	8.0	25.0	1.62
F20	14 Aug 2025	32	13.25	94.98	7.7	33.34	8.0	25.1	1.64
F20	14 Aug 2025	33	13.10	95.22	7.6	33.37	8.0	25.1	1.47
F20	14 Aug 2025	34	13.03	95.57	7.5	33.38	8.0	25.1	1.17
F20	14 Aug 2025	35	13.00	95.94	7.4	33.38	8.0	25.1	0.99
F20	14 Aug 2025	36	12.98	96.15	7.4	33.39	8.0	25.1	0.92
F20	14 Aug 2025	37	12.97	96.19	7.4	33.39	8.0	25.1	0.90
F20	14 Aug 2025	38	12.96	96.2	7.3	33.39	8.0	25.2	0.90
F20	14 Aug 2025	39	12.93	96.21	7.3	33.39	8.0	25.2	0.90
F20	14 Aug 2025	40	12.93	96.25	7.3	33.39	8.0	25.2	0.87

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F20	14 Aug 2025	41	12.93	96.33	7.3	33.40	8.0	25.2	0.90
F20	14 Aug 2025	42	12.84	96.31	7.2	33.41	8.0	25.2	0.87
F20	14 Aug 2025	43	12.76	96.31	7.1	33.41	8.0	25.2	0.79
F20	14 Aug 2025	44	12.63	96.43	7.1	33.42	8.0	25.2	0.75
F20	14 Aug 2025	45	12.50	96.48	6.9	33.43	8.0	25.3	0.75
F20	14 Aug 2025	46	12.37	96.43	6.8	33.43	8.0	25.3	0.72
F20	14 Aug 2025	47	12.26	96.52	6.7	33.44	7.9	25.3	0.66
F20	14 Aug 2025	48	12.26	96.62	6.7	33.43	7.9	25.3	0.62
F20	14 Aug 2025	49	12.25	96.64	6.6	33.43	7.9	25.3	0.63
F20	14 Aug 2025	50	12.18	96.66	6.5	33.45	7.9	25.4	0.63
F20	14 Aug 2025	51	11.99	96.59	6.4	33.47	7.9	25.4	0.58
F20	14 Aug 2025	52	11.89	96.7	6.2	33.48	7.9	25.4	0.51
F20	14 Aug 2025	53	11.90	96.69	6.2	33.47	7.9	25.4	0.50
F20	14 Aug 2025	54	11.82	96.64	6.1	33.49	7.9	25.4	0.50
F20	14 Aug 2025	55	11.80	96.57	6.0	33.49	7.9	25.5	0.46
F20	14 Aug 2025	56	11.80	96.52	6.0	33.49	7.9	25.5	0.46
F20	14 Aug 2025	57	11.77	96.47	5.9	33.49	7.9	25.5	0.45
F20	14 Aug 2025	58	11.74	96.42	5.8	33.50	7.9	25.5	0.44
F20	14 Aug 2025	59	11.71	96.3	5.8	33.51	7.9	25.5	0.44
F20	14 Aug 2025	60	11.68	96.23	5.7	33.51	7.8	25.5	0.44
F20	14 Aug 2025	61	11.54	96.28	5.7	33.52	7.8	25.5	0.43
F20	14 Aug 2025	62	11.49	96.45	5.7	33.52	7.8	25.5	0.38
F20	14 Aug 2025	63	11.46	96.58	5.7	33.52	7.8	25.5	0.36
F20	14 Aug 2025	64	11.44	96.61	5.7	33.52	7.8	25.5	0.36
F20	14 Aug 2025	65	11.41	96.69	5.7	33.51	7.8	25.5	0.35
F20	14 Aug 2025	66	11.42	96.84	5.7	33.51	7.8	25.5	0.35
F20	14 Aug 2025	67	11.39	96.93	5.8	33.51	7.8	25.5	0.35
F20	14 Aug 2025	68	11.36	96.96	5.8	33.51	7.8	25.5	0.34
F20	14 Aug 2025	69	11.36	96.95	5.7	33.51	7.8	25.5	0.32
F20	14 Aug 2025	70	11.33	96.91	5.6	33.52	7.8	25.6	0.32
F20	14 Aug 2025	71	11.26	96.91	5.4	33.54	7.8	25.6	0.30
F20	14 Aug 2025	72	11.27	96.2	5.3	33.53	7.8	25.6	0.28
F20	14 Aug 2025	73	11.26	95.58	5.2	33.55	7.8	25.6	0.28
F20	14 Aug 2025	74	11.26	95.55	5.2	33.55	7.8	25.6	0.27
F20	14 Aug 2025	75	11.25	95.6	5.2	33.55	7.8	25.6	0.28
F20	14 Aug 2025	76	11.25	95.6	5.2	33.55	7.8	25.6	0.27
F20	14 Aug 2025	77	11.24	95.64	5.2	33.55	7.8	25.6	0.27
F20	14 Aug 2025	78	11.23	95.76	5.1	33.56	7.8	25.6	0.26
F20	14 Aug 2025	79	11.23	95.39	5.0	33.57	7.8	25.6	0.26
F20	14 Aug 2025	80	11.23	93.89	4.9	33.58	7.8	25.6	0.26
F20	14 Aug 2025	81	11.23	92.2	4.8	33.58	7.8	25.6	0.26
F20	14 Aug 2025	82	11.22	90.45	4.7	33.58	7.8	25.6	0.26
F20	14 Aug 2025	83	11.23	85.82	4.8	33.57	7.8	25.6	0.28
F09	13 Aug 2025	1	21.29	92.77	8.1	33.60	8.2	23.3	0.62
F09	13 Aug 2025	2	21.29	93.5	8.1	33.60	8.2	23.4	0.62
F09	13 Aug 2025	3	21.29	93.51	8.1	33.60	8.2	23.4	0.60
F09	13 Aug 2025	4	21.23	93.56	8.0	33.60	8.2	23.4	0.61
F09	13 Aug 2025	5	19.13	94.12	8.3	33.54	8.2	23.9	0.57
F09	13 Aug 2025	6	18.54	94.45	8.5	33.42	8.2	23.9	0.56
F09	13 Aug 2025	7	17.86	94.47	8.5	33.45	8.2	24.1	0.59
F09	13 Aug 2025	8	17.35	94.15	8.8	33.43	8.2	24.2	0.86
F09	13 Aug 2025	9	17.64	93.66	8.5	33.42	8.2	24.1	1.13
F09	13 Aug 2025	10	15.96	93.09	8.6	33.43	8.2	24.5	1.25
F09	13 Aug 2025	11	14.75	92.12	8.8	33.39	8.1	24.8	2.28
F09	13 Aug 2025	12	14.64	91.69	8.7	33.36	8.1	24.8	2.25
F09	13 Aug 2025	13	14.55	92.18	8.6	33.35	8.1	24.8	2.17
F09	13 Aug 2025	14	14.35	91.9	8.4	33.34	8.1	24.8	2.36
F09	13 Aug 2025	15	14.02	91.54	8.4	33.32	8.1	24.9	2.29
F09	13 Aug 2025	16	13.97	92.56	8.3	33.32	8.1	24.9	2.05
F09	13 Aug 2025	17	13.91	93.02	8.3	33.32	8.1	24.9	2.09

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F09	13 Aug 2025	18	13.83	93.07	8.2	33.32	8.1	24.9	2.14
F09	13 Aug 2025	19	13.70	93	8.2	33.32	8.1	25.0	2.25
F09	13 Aug 2025	20	13.65	92.76	8.1	33.33	8.1	25.0	2.29
F09	13 Aug 2025	21	13.59	92.72	8.1	33.33	8.1	25.0	2.34
F09	13 Aug 2025	22	13.47	92.58	8.0	33.34	8.1	25.0	2.38
F09	13 Aug 2025	23	13.40	92.71	7.9	33.34	8.1	25.0	2.08
F09	13 Aug 2025	24	13.27	93.16	7.8	33.35	8.0	25.1	1.84
F09	13 Aug 2025	25	13.20	93.7	7.7	33.35	8.0	25.1	1.71
F09	13 Aug 2025	26	13.12	93.92	7.7	33.37	8.0	25.1	1.80
F09	13 Aug 2025	27	13.09	94.08	7.6	33.36	8.0	25.1	1.79
F09	13 Aug 2025	28	12.92	94.62	7.5	33.38	8.0	25.2	1.80
F09	13 Aug 2025	29	12.82	94.69	7.4	33.39	8.0	25.2	1.58
F09	13 Aug 2025	30	12.80	94.63	7.2	33.40	8.0	25.2	1.45
F09	13 Aug 2025	31	12.75	94.24	7.2	33.40	8.0	25.2	1.36
F09	13 Aug 2025	32	12.71	94.12	7.1	33.40	8.0	25.2	1.60
F09	13 Aug 2025	33	12.69	93.99	7.0	33.40	8.0	25.2	1.39
F09	13 Aug 2025	34	12.63	94.04	7.0	33.40	8.0	25.2	1.30
F09	13 Aug 2025	35	12.57	94.45	7.0	33.40	8.0	25.2	1.19
F09	13 Aug 2025	36	12.54	94.86	7.0	33.41	8.0	25.2	1.10
F09	13 Aug 2025	37	12.49	95.22	6.8	33.41	8.0	25.3	1.17
F09	13 Aug 2025	38	12.49	94.52	6.7	33.41	8.0	25.3	1.20
F09	13 Aug 2025	39	12.50	93.49	6.7	33.41	7.9	25.3	1.17
F09	13 Aug 2025	40	12.47	93.13	6.6	33.41	7.9	25.3	1.17
F09	13 Aug 2025	41	12.46	92.67	6.5	33.42	7.9	25.3	1.22
F09	13 Aug 2025	42	12.46	92.17	6.4	33.42	7.9	25.3	1.20
F09	13 Aug 2025	43	12.45	91.69	6.4	33.42	7.9	25.3	1.20
F09	13 Aug 2025	44	12.45	91.33	6.4	33.42	7.9	25.3	1.17
F09	13 Aug 2025	45	12.45	91.19	6.4	33.42	7.9	25.3	1.14
F09	13 Aug 2025	46	12.44	91.01	6.3	33.42	7.9	25.3	1.11
F09	13 Aug 2025	47	12.44	91	6.3	33.42	7.9	25.3	1.11
F09	13 Aug 2025	48	12.44	91.06	6.3	33.42	7.9	25.3	1.12
F09	13 Aug 2025	49	12.43	90.94	6.3	33.42	7.9	25.3	1.11
F09	13 Aug 2025	50	12.42	90.94	6.3	33.42	7.9	25.3	1.09
F09	13 Aug 2025	51	12.41	91.02	6.3	33.42	7.9	25.3	1.03
F09	13 Aug 2025	52	12.37	90.93	6.2	33.42	7.9	25.3	1.00
F09	13 Aug 2025	53	12.29	90.77	6.2	33.43	7.9	25.3	0.96
F09	13 Aug 2025	54	12.25	90.78	6.1	33.43	7.9	25.3	0.89
F09	13 Aug 2025	55	12.08	91.18	6.0	33.46	7.9	25.4	0.81
F09	13 Aug 2025	56	11.89	91.12	5.8	33.48	7.9	25.4	0.72
F09	13 Aug 2025	57	11.78	90.47	5.7	33.49	7.8	25.5	0.64
F09	13 Aug 2025	58	11.74	90.91	5.6	33.49	7.8	25.5	0.65
F09	13 Aug 2025	59	11.71	91.03	5.6	33.50	7.8	25.5	0.68
F09	13 Aug 2025	60	11.62	90.91	5.5	33.51	7.8	25.5	0.59
F09	13 Aug 2025	61	11.61	89.78	5.4	33.51	7.8	25.5	0.54
F09	13 Aug 2025	62	11.61	89.03	5.4	33.51	7.8	25.5	0.55
F09	13 Aug 2025	63	11.62	88.48	5.3	33.51	7.8	25.5	0.58
F32	12 Aug 2025	1	21.18	94.2	7.6	33.56	8.2	23.4	0.25
F32	12 Aug 2025	2	21.17	93.91	7.6	33.56	8.2	23.4	0.24
F32	12 Aug 2025	3	21.17	94.15	7.6	33.56	8.2	23.4	0.25
F32	12 Aug 2025	4	21.15	94.34	7.6	33.56	8.2	23.4	0.28
F32	12 Aug 2025	5	20.99	94.32	7.6	33.55	8.2	23.4	0.29
F32	12 Aug 2025	6	20.74	94.23	7.6	33.52	8.1	23.4	0.31
F32	12 Aug 2025	7	19.97	94.15	7.7	33.49	8.1	23.6	0.32
F32	12 Aug 2025	8	19.01	94.5	7.9	33.39	8.1	23.8	0.25
F32	12 Aug 2025	9	18.55	95.06	8.0	33.33	8.1	23.9	0.23
F32	12 Aug 2025	10	18.34	95.41	8.0	33.30	8.1	23.9	0.22
F32	12 Aug 2025	11	17.93	95.69	8.1	33.28	8.1	24.0	0.21
F32	12 Aug 2025	12	17.62	95.6	8.2	33.30	8.1	24.1	0.23
F32	12 Aug 2025	13	17.43	95.53	8.3	33.28	8.1	24.1	0.30
F32	12 Aug 2025	14	17.22	95.38	8.4	33.28	8.1	24.1	0.32

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F32	12 Aug 2025	15	17.26	95.22	8.4	33.37	8.1	24.2	0.33
F32	12 Aug 2025	16	17.24	95.09	8.4	33.38	8.1	24.2	0.38
F32	12 Aug 2025	17	17.26	94.82	8.4	33.40	8.2	24.2	0.42
F32	12 Aug 2025	18	17.13	94.58	8.4	33.44	8.2	24.3	0.47
F32	12 Aug 2025	19	16.81	94.28	8.5	33.46	8.2	24.4	0.65
F32	12 Aug 2025	20	16.52	93.87	8.6	33.45	8.1	24.4	1.04
F32	12 Aug 2025	21	16.30	93.14	8.6	33.43	8.1	24.5	1.56
F32	12 Aug 2025	22	16.18	92.52	8.7	33.42	8.1	24.5	1.93
F32	12 Aug 2025	23	16.11	92.4	8.6	33.41	8.1	24.5	2.10
F32	12 Aug 2025	24	15.98	92.35	8.6	33.41	8.1	24.5	2.06
F32	12 Aug 2025	25	15.78	92.38	8.6	33.40	8.1	24.6	2.07
F32	12 Aug 2025	26	15.44	92.41	8.5	33.40	8.1	24.6	2.19
F32	12 Aug 2025	27	14.79	92.53	8.5	33.36	8.1	24.8	2.24
F32	12 Aug 2025	28	14.49	92.97	8.4	33.34	8.1	24.8	2.15
F32	12 Aug 2025	29	14.28	93.18	8.4	33.32	8.1	24.8	2.18
F32	12 Aug 2025	30	14.18	93.3	8.4	33.31	8.1	24.8	2.13
F32	12 Aug 2025	31	14.02	93.4	8.3	33.31	8.1	24.9	2.14
F32	12 Aug 2025	32	13.87	93.73	8.3	33.31	8.1	24.9	2.04
F32	12 Aug 2025	33	13.83	93.98	8.2	33.30	8.1	24.9	1.94
F32	12 Aug 2025	34	13.76	94.24	8.2	33.30	8.1	24.9	1.97
F32	12 Aug 2025	35	13.70	94.46	8.2	33.30	8.1	24.9	1.84
F32	12 Aug 2025	36	13.65	94.51	8.2	33.30	8.1	25.0	1.81
F32	12 Aug 2025	37	13.56	94.51	8.1	33.31	8.1	25.0	1.79
F32	12 Aug 2025	38	13.50	94.54	8.1	33.31	8.1	25.0	1.73
F32	12 Aug 2025	39	13.37	94.76	8.0	33.33	8.0	25.0	1.77
F32	12 Aug 2025	40	13.30	94.74	7.9	33.33	8.0	25.0	1.87
F32	12 Aug 2025	41	13.16	94.94	7.8	33.35	8.0	25.1	1.79
F32	12 Aug 2025	42	12.99	95.15	7.7	33.37	8.0	25.1	1.58
F32	12 Aug 2025	43	12.82	95.41	7.6	33.37	8.0	25.2	1.39
F32	12 Aug 2025	44	12.81	95.64	7.5	33.37	8.0	25.2	1.25
F32	12 Aug 2025	45	12.80	95.76	7.4	33.37	8.0	25.2	1.22
F32	12 Aug 2025	46	12.66	95.78	7.4	33.39	8.0	25.2	1.14
F32	12 Aug 2025	47	12.60	96.02	7.3	33.40	8.0	25.2	1.01
F32	12 Aug 2025	48	12.56	96.26	7.2	33.40	8.0	25.2	0.91
F32	12 Aug 2025	49	12.52	96.36	7.2	33.41	8.0	25.3	0.87
F32	12 Aug 2025	50	12.48	96.47	7.1	33.42	8.0	25.3	0.83
F32	12 Aug 2025	51	12.48	96.57	7.1	33.42	8.0	25.3	0.79
F32	12 Aug 2025	52	12.49	96.64	7.1	33.42	8.0	25.3	0.78
F32	12 Aug 2025	53	12.48	96.65	7.0	33.43	8.0	25.3	0.76
F32	12 Aug 2025	54	12.46	96.68	7.0	33.43	8.0	25.3	0.72
F32	12 Aug 2025	55	12.41	96.71	7.0	33.44	8.0	25.3	0.69
F32	12 Aug 2025	56	12.31	96.76	6.9	33.44	7.9	25.3	0.66
F32	12 Aug 2025	57	12.26	96.89	6.8	33.44	7.9	25.3	0.60
F32	12 Aug 2025	58	12.23	96.9	6.8	33.44	7.9	25.3	0.57
F32	12 Aug 2025	59	12.18	96.97	6.8	33.44	7.9	25.3	0.53
F32	12 Aug 2025	60	12.05	97.06	6.7	33.45	7.9	25.4	0.50
F32	12 Aug 2025	61	11.85	97.08	6.5	33.47	7.9	25.4	0.48
F32	12 Aug 2025	62	11.76	97.09	6.4	33.48	7.9	25.5	0.46
F32	12 Aug 2025	63	11.69	97.15	6.3	33.49	7.9	25.5	0.44
F32	12 Aug 2025	64	11.65	97.04	6.2	33.49	7.9	25.5	0.43
F32	12 Aug 2025	65	11.58	96.98	6.1	33.50	7.9	25.5	0.43
F32	12 Aug 2025	66	11.53	96.87	6.0	33.50	7.9	25.5	0.42
F32	12 Aug 2025	67	11.44	96.82	5.8	33.51	7.8	25.5	0.41
F32	12 Aug 2025	68	11.41	96.53	5.7	33.51	7.8	25.5	0.37
F32	12 Aug 2025	69	11.42	96.1	5.7	33.51	7.8	25.5	0.36
F32	12 Aug 2025	70	11.41	96.02	5.6	33.51	7.8	25.5	0.36
F32	12 Aug 2025	71	11.39	95.82	5.6	33.50	7.8	25.5	0.35
F32	12 Aug 2025	72	11.39	95.69	5.5	33.50	7.8	25.5	0.36
F32	12 Aug 2025	73	11.37	95.56	5.5	33.50	7.8	25.5	0.34
F32	12 Aug 2025	74	11.37	95.29	5.4	33.50	7.8	25.5	0.33
F32	12 Aug 2025	75	11.38	95.29	5.4	33.50	7.8	25.5	0.35

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F32	12 Aug 2025	76	11.36	95.32	5.4	33.50	7.8	25.5	0.34
F32	12 Aug 2025	77	11.34	95.34	5.3	33.50	7.8	25.6	0.32
F32	12 Aug 2025	78	11.28	95.4	5.2	33.51	7.8	25.6	0.28
F32	12 Aug 2025	79	11.28	95.39	5.1	33.51	7.8	25.6	0.25
F32	12 Aug 2025	80	11.28	95.39	5.1	33.51	7.8	25.6	0.24
F32	12 Aug 2025	81	11.28	95.34	5.1	33.51	7.8	25.6	0.25
F32	12 Aug 2025	82	11.29	95.28	5.1	33.51	7.8	25.6	0.26
F32	12 Aug 2025	83	11.28	94.91	5.1	33.52	7.8	25.6	0.29
F32	12 Aug 2025	84	11.29	92.93	5.1	33.53	7.8	25.6	0.30
F32	12 Aug 2025	85	11.31	94.57	5.2	33.54	7.8	25.6	0.31
F32	12 Aug 2025	86	11.32	95.44	5.3	33.54	7.8	25.6	0.34
F32	12 Aug 2025	87	11.32	96.07	5.3	33.55	7.8	25.6	0.34
F32	12 Aug 2025	88	11.30	96.4	5.3	33.55	7.8	25.6	0.33
F32	12 Aug 2025	89	11.27	96.44	5.2	33.56	7.8	25.6	0.31
F32	12 Aug 2025	90	11.25	96.39	5.2	33.56	7.8	25.6	0.29
F32	12 Aug 2025	91	11.21	96.32	5.1	33.56	7.8	25.6	0.26
F32	12 Aug 2025	92	11.20	96.21	5.0	33.56	7.8	25.6	0.25
F32	12 Aug 2025	93	11.19	96.33	5.0	33.56	7.8	25.6	0.26
F32	12 Aug 2025	94	11.16	96.38	5.0	33.57	7.8	25.6	0.25
F32	12 Aug 2025	95	11.13	96.39	5.0	33.57	7.8	25.6	0.23
F32	12 Aug 2025	96	11.11	96.36	4.9	33.58	7.8	25.7	0.22
F32	12 Aug 2025	97	11.04	95.9	4.7	33.61	7.7	25.7	0.19
F32	12 Aug 2025	98	11.02	95.43	4.5	33.62	7.7	25.7	0.17
F32	12 Aug 2025	99	11.00	94.4	4.4	33.63	7.7	25.7	0.17
F32	12 Aug 2025	100	11.00	93.12	4.3	33.63	7.7	25.7	0.17
F32	12 Aug 2025	101	10.99	92.44	4.3	33.63	7.7	25.7	0.17
F21	14 Aug 2025	1	21.20	93.86	6.9	33.54	8.1	23.3	0.35
F21	14 Aug 2025	2	21.19	93.95	7.1	33.56	8.1	23.3	0.34
F21	14 Aug 2025	3	20.72	94.4	7.3	33.73	8.1	23.6	0.37
F21	14 Aug 2025	4	20.08	94.32	7.4	33.66	8.1	23.7	0.38
F21	14 Aug 2025	5	19.24	94.63	7.6	33.65	8.1	23.9	0.34
F21	14 Aug 2025	6	18.93	94.98	7.7	33.48	8.1	23.9	0.29
F21	14 Aug 2025	7	18.85	95.17	7.8	33.46	8.1	23.9	0.28
F21	14 Aug 2025	8	18.66	95.18	7.8	33.42	8.1	23.9	0.30
F21	14 Aug 2025	9	18.50	95.19	7.8	33.41	8.1	23.9	0.28
F21	14 Aug 2025	10	18.17	95.35	7.9	33.41	8.1	24.0	0.31
F21	14 Aug 2025	11	17.82	95.36	8.1	33.40	8.1	24.1	0.34
F21	14 Aug 2025	12	17.59	95.42	8.1	33.41	8.1	24.2	0.34
F21	14 Aug 2025	13	17.46	95.31	8.2	33.44	8.1	24.2	0.39
F21	14 Aug 2025	14	17.47	95.14	8.2	33.45	8.1	24.2	0.44
F21	14 Aug 2025	15	17.36	94.82	8.2	33.46	8.1	24.2	0.49
F21	14 Aug 2025	16	17.20	94.85	8.3	33.45	8.1	24.3	0.59
F21	14 Aug 2025	17	17.17	94.7	8.4	33.45	8.1	24.3	0.68
F21	14 Aug 2025	18	17.12	94.48	8.3	33.46	8.1	24.3	0.78
F21	14 Aug 2025	19	17.06	94.09	8.3	33.46	8.1	24.3	0.98
F21	14 Aug 2025	20	16.84	93.69	8.4	33.46	8.1	24.4	1.18
F21	14 Aug 2025	21	16.53	93.59	8.4	33.44	8.1	24.4	1.36
F21	14 Aug 2025	22	16.01	93.37	8.4	33.40	8.1	24.5	1.69
F21	14 Aug 2025	23	15.90	92.81	8.5	33.39	8.1	24.5	1.87
F21	14 Aug 2025	24	15.87	92.6	8.6	33.39	8.1	24.5	1.82
F21	14 Aug 2025	25	15.64	92.9	8.5	33.41	8.1	24.6	2.14
F21	14 Aug 2025	26	14.77	92.88	8.5	33.41	8.1	24.8	1.76
F21	14 Aug 2025	27	14.48	93.04	8.4	33.37	8.1	24.8	1.92
F21	14 Aug 2025	28	14.35	93.36	8.3	33.35	8.1	24.8	1.79
F21	14 Aug 2025	29	14.21	93.88	8.2	33.34	8.1	24.9	1.71
F21	14 Aug 2025	30	14.05	94.2	8.1	33.34	8.1	24.9	1.72
F21	14 Aug 2025	31	13.80	93.99	8.1	33.35	8.1	25.0	1.73
F21	14 Aug 2025	32	13.57	94.22	8.0	33.34	8.1	25.0	1.76
F21	14 Aug 2025	33	13.46	94.77	7.9	33.34	8.0	25.0	1.63
F21	14 Aug 2025	34	13.37	95.05	7.9	33.34	8.0	25.0	1.47

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F21	14 Aug 2025	35	13.27	95.21	7.8	33.34	8.0	25.1	1.50
F21	14 Aug 2025	36	13.15	95.14	7.7	33.36	8.0	25.1	1.48
F21	14 Aug 2025	37	13.04	95.17	7.5	33.39	8.0	25.1	1.47
F21	14 Aug 2025	38	12.96	95.39	7.4	33.40	8.0	25.2	1.26
F21	14 Aug 2025	39	12.93	95.78	7.3	33.41	8.0	25.2	0.99
F21	14 Aug 2025	40	12.89	96	7.3	33.41	8.0	25.2	0.91
F21	14 Aug 2025	41	12.87	96.2	7.3	33.41	8.0	25.2	0.87
F21	14 Aug 2025	42	12.87	96.35	7.3	33.41	8.0	25.2	0.85
F21	14 Aug 2025	43	12.86	96.37	7.2	33.41	8.0	25.2	0.83
F21	14 Aug 2025	44	12.84	96.37	7.2	33.41	8.0	25.2	0.81
F21	14 Aug 2025	45	12.83	96.39	7.2	33.41	8.0	25.2	0.81
F21	14 Aug 2025	46	12.83	96.42	7.2	33.41	8.0	25.2	0.81
F21	14 Aug 2025	47	12.82	96.43	7.2	33.41	8.0	25.2	0.82
F21	14 Aug 2025	48	12.76	96.41	7.1	33.42	8.0	25.2	0.81
F21	14 Aug 2025	49	12.60	96.47	7.0	33.44	8.0	25.3	0.77
F21	14 Aug 2025	50	12.40	96.45	6.9	33.45	8.0	25.3	0.70
F21	14 Aug 2025	51	12.26	96.54	6.7	33.46	7.9	25.3	0.65
F21	14 Aug 2025	52	11.99	96.67	6.5	33.49	7.9	25.4	0.59
F21	14 Aug 2025	53	11.84	96.67	6.2	33.49	7.9	25.4	0.51
F21	14 Aug 2025	54	11.81	96.46	6.0	33.49	7.9	25.4	0.46
F21	14 Aug 2025	55	11.80	96.17	5.9	33.48	7.9	25.5	0.47
F21	14 Aug 2025	56	11.78	96.01	5.9	33.49	7.9	25.5	0.46
F21	14 Aug 2025	57	11.77	95.94	5.9	33.50	7.9	25.5	0.45
F21	14 Aug 2025	58	11.75	95.95	5.9	33.50	7.9	25.5	0.46
F21	14 Aug 2025	59	11.73	96.19	5.8	33.50	7.9	25.5	0.45
F21	14 Aug 2025	60	11.71	96.2	5.8	33.50	7.9	25.5	0.43
F21	14 Aug 2025	61	11.69	96.08	5.8	33.50	7.9	25.5	0.43
F21	14 Aug 2025	62	11.65	96.13	5.8	33.50	7.9	25.5	0.46
F21	14 Aug 2025	63	11.51	96.21	5.9	33.49	7.9	25.5	0.42
F21	14 Aug 2025	64	11.48	96.65	5.9	33.49	7.9	25.5	0.37
F21	14 Aug 2025	65	11.48	96.9	5.9	33.50	7.9	25.5	0.40
F21	14 Aug 2025	66	11.44	96.89	5.8	33.50	7.9	25.5	0.44
F21	14 Aug 2025	67	11.34	96.92	5.8	33.51	7.9	25.6	0.36
F21	14 Aug 2025	68	11.29	96.95	5.6	33.53	7.8	25.6	0.32
F21	14 Aug 2025	69	11.28	96.49	5.4	33.55	7.8	25.6	0.30
F21	14 Aug 2025	70	11.17	95.87	5.3	33.55	7.8	25.6	0.30
F21	14 Aug 2025	71	11.15	95.61	5.3	33.55	7.8	25.6	0.25
F21	14 Aug 2025	72	11.12	95.95	5.2	33.56	7.8	25.6	0.24
F21	14 Aug 2025	73	11.10	95.98	5.2	33.56	7.8	25.6	0.23
F21	14 Aug 2025	74	11.11	96.07	5.2	33.56	7.8	25.6	0.24
F21	14 Aug 2025	75	11.06	96.04	5.2	33.57	7.8	25.6	0.23
F21	14 Aug 2025	76	11.04	96.02	5.2	33.56	7.8	25.6	0.21
F21	14 Aug 2025	77	11.05	96.36	5.2	33.57	7.8	25.7	0.21
F21	14 Aug 2025	78	11.07	96.42	5.1	33.58	7.8	25.7	0.21
F21	14 Aug 2025	79	11.07	95.96	5.0	33.58	7.8	25.7	0.21
F21	14 Aug 2025	80	11.04	95.17	5.0	33.58	7.8	25.7	0.21
F21	14 Aug 2025	81	11.05	95.21	5.0	33.58	7.8	25.7	0.20
F21	14 Aug 2025	82	11.07	95.6	5.0	33.59	7.8	25.7	0.21
F21	14 Aug 2025	83	11.06	95.26	4.9	33.60	7.8	25.7	0.21
F21	14 Aug 2025	84	11.06	93.74	4.8	33.59	7.8	25.7	0.22
F10	13 Aug 2025	1	21.33	93.77	7.8	33.57	8.2	23.3	0.49
F10	13 Aug 2025	2	21.34	94.23	8.2	33.60	8.2	23.3	0.50
F10	13 Aug 2025	3	21.34	94.15	8.2	33.60	8.2	23.3	0.52
F10	13 Aug 2025	4	21.34	94.19	8.1	33.60	8.2	23.3	0.55
F10	13 Aug 2025	5	21.27	94.28	8.0	33.60	8.2	23.4	0.52
F10	13 Aug 2025	6	19.77	94.24	8.3	33.56	8.2	23.7	0.48
F10	13 Aug 2025	7	18.72	94.23	8.3	33.46	8.2	23.9	0.45
F10	13 Aug 2025	8	18.13	94.28	8.4	33.49	8.2	24.1	0.51
F10	13 Aug 2025	9	17.89	94.42	8.6	33.46	8.2	24.1	0.73
F10	13 Aug 2025	10	17.61	94.12	8.7	33.44	8.2	24.2	0.87

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F10	13 Aug 2025	11	17.34	93.61	8.8	33.43	8.2	24.2	1.04
F10	13 Aug 2025	12	17.09	93.26	8.9	33.43	8.2	24.3	1.25
F10	13 Aug 2025	13	16.64	92.84	8.9	33.42	8.2	24.4	1.34
F10	13 Aug 2025	14	16.11	92.84	8.7	33.40	8.2	24.5	1.27
F10	13 Aug 2025	15	15.45	93.1	8.7	33.40	8.2	24.6	1.65
F10	13 Aug 2025	16	14.74	92.7	8.6	33.38	8.1	24.8	2.11
F10	13 Aug 2025	17	14.30	91.92	8.5	33.35	8.1	24.9	2.45
F10	13 Aug 2025	18	14.27	91.72	8.4	33.35	8.1	24.9	2.47
F10	13 Aug 2025	19	14.12	91.79	8.4	33.34	8.1	24.9	2.50
F10	13 Aug 2025	20	14.09	91.98	8.3	33.33	8.1	24.9	2.55
F10	13 Aug 2025	21	14.03	92	8.2	33.34	8.1	24.9	2.58
F10	13 Aug 2025	22	13.81	92.16	8.2	33.33	8.1	24.9	2.35
F10	13 Aug 2025	23	13.62	92.78	8.1	33.32	8.1	25.0	2.27
F10	13 Aug 2025	24	13.52	93.04	8.0	33.33	8.1	25.0	2.33
F10	13 Aug 2025	25	13.50	92.9	8.0	33.33	8.1	25.0	2.37
F10	13 Aug 2025	26	13.45	92.85	7.9	33.34	8.1	25.0	2.40
F10	13 Aug 2025	27	13.37	92.93	7.8	33.34	8.1	25.0	2.36
F10	13 Aug 2025	28	13.24	93.1	7.7	33.36	8.0	25.1	2.06
F10	13 Aug 2025	29	13.16	93.12	7.6	33.37	8.0	25.1	1.91
F10	13 Aug 2025	30	13.10	93.02	7.5	33.37	8.0	25.1	1.77
F10	13 Aug 2025	31	12.97	93.24	7.5	33.38	8.0	25.1	1.64
F10	13 Aug 2025	32	12.84	93.75	7.4	33.40	8.0	25.2	1.60
F10	13 Aug 2025	33	12.73	94.35	7.3	33.40	8.0	25.2	1.85
F10	13 Aug 2025	34	12.69	94.4	7.2	33.40	8.0	25.2	1.91
F10	13 Aug 2025	35	12.65	94.29	7.1	33.40	8.0	25.2	2.02
F10	13 Aug 2025	36	12.64	93.61	6.8	33.41	8.0	25.2	2.08
F10	13 Aug 2025	37	12.61	92.33	6.7	33.41	8.0	25.2	1.88
F10	13 Aug 2025	38	12.57	91.77	6.7	33.41	8.0	25.2	1.59
F10	13 Aug 2025	39	12.52	92.05	6.7	33.41	8.0	25.3	1.43
F10	13 Aug 2025	40	12.48	92.23	6.7	33.41	8.0	25.3	1.27
F10	13 Aug 2025	41	12.46	93.21	6.7	33.41	8.0	25.3	1.22
F10	13 Aug 2025	42	12.45	93.44	6.6	33.42	7.9	25.3	1.17
F10	13 Aug 2025	43	12.42	93.46	6.6	33.42	7.9	25.3	1.17
F10	13 Aug 2025	44	12.41	93.42	6.5	33.42	7.9	25.3	1.13
F10	13 Aug 2025	45	12.39	93.19	6.4	33.42	7.9	25.3	1.10
F10	13 Aug 2025	46	12.38	92.59	6.3	33.42	7.9	25.3	1.06
F10	13 Aug 2025	47	12.37	92.36	6.3	33.42	7.9	25.3	1.03
F10	13 Aug 2025	48	12.35	92.16	6.2	33.43	7.9	25.3	0.98
F10	13 Aug 2025	49	12.35	91.89	6.2	33.43	7.9	25.3	0.95
F10	13 Aug 2025	50	12.35	91.84	6.2	33.43	7.9	25.3	0.96
F10	13 Aug 2025	51	12.34	91.62	6.2	33.43	7.9	25.3	0.95
F10	13 Aug 2025	52	12.31	91.29	6.1	33.43	7.9	25.3	0.93
F10	13 Aug 2025	53	12.28	91.14	6.1	33.44	7.9	25.3	0.88
F10	13 Aug 2025	54	12.25	91.12	6.1	33.44	7.9	25.3	0.89
F10	13 Aug 2025	55	12.25	90.59	6.1	33.44	7.9	25.3	0.84
F10	13 Aug 2025	56	12.22	90.26	6.0	33.44	7.9	25.3	0.86
F10	13 Aug 2025	57	12.15	90.09	6.0	33.45	7.9	25.4	0.83
F10	13 Aug 2025	58	12.11	87.81	5.9	33.45	7.9	25.4	0.79
F10	13 Aug 2025	59	12.06	85.37	5.8	33.46	7.9	25.4	0.78
F10	13 Aug 2025	60	12.05	84.73	5.8	33.46	7.9	25.4	0.77
F10	13 Aug 2025	61	12.03	85.35	5.8	33.46	7.9	25.4	0.76
F10	13 Aug 2025	62	12.00	85.75	5.8	33.46	7.9	25.4	0.77
F10	13 Aug 2025	63	12.05	85.95	5.8	33.45	7.9	25.4	0.79
F33	12 Aug 2025	1	21.25	94.06	7.6	33.57	8.1	23.3	0.25
F33	12 Aug 2025	2	21.24	94.24	7.6	33.56	8.1	23.3	0.25
F33	12 Aug 2025	3	21.23	94.25	7.6	33.56	8.1	23.3	0.25
F33	12 Aug 2025	4	21.22	94.37	7.6	33.56	8.1	23.3	0.27
F33	12 Aug 2025	5	21.19	94.33	7.6	33.56	8.1	23.3	0.29
F33	12 Aug 2025	6	21.12	93.97	7.6	33.55	8.1	23.4	0.31
F33	12 Aug 2025	7	20.81	93.95	7.6	33.54	8.1	23.4	0.31

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F33	12 Aug 2025	8	20.11	94.33	7.7	33.51	8.1	23.6	0.33
F33	12 Aug 2025	9	19.62	94.51	7.8	33.47	8.1	23.7	0.30
F33	12 Aug 2025	10	18.82	94.76	7.9	33.41	8.1	23.9	0.28
F33	12 Aug 2025	11	18.52	95.01	8.0	33.35	8.1	23.9	0.22
F33	12 Aug 2025	12	18.52	95.24	7.9	33.34	8.1	23.9	0.23
F33	12 Aug 2025	13	17.59	95.41	8.2	33.28	8.1	24.1	0.23
F33	12 Aug 2025	14	17.52	95.46	8.3	33.26	8.1	24.1	0.24
F33	12 Aug 2025	15	17.29	95.38	8.3	33.26	8.1	24.1	0.26
F33	12 Aug 2025	16	17.16	95.44	8.3	33.26	8.1	24.1	0.28
F33	12 Aug 2025	17	17.12	95.39	8.4	33.27	8.1	24.2	0.37
F33	12 Aug 2025	18	17.03	95.03	8.4	33.33	8.1	24.2	0.38
F33	12 Aug 2025	19	17.04	94.85	8.4	33.34	8.1	24.2	0.42
F33	12 Aug 2025	20	16.99	94.75	8.4	33.36	8.1	24.3	0.46
F33	12 Aug 2025	21	16.93	94.68	8.4	33.39	8.1	24.3	0.50
F33	12 Aug 2025	22	16.38	94.33	8.6	33.45	8.1	24.5	0.87
F33	12 Aug 2025	23	16.26	93.05	8.6	33.41	8.1	24.5	1.49
F33	12 Aug 2025	24	15.89	92.39	8.6	33.41	8.1	24.6	1.87
F33	12 Aug 2025	25	15.86	92.54	8.6	33.41	8.1	24.6	2.10
F33	12 Aug 2025	26	15.71	92.54	8.6	33.40	8.1	24.6	2.18
F33	12 Aug 2025	27	15.56	92.59	8.5	33.39	8.1	24.6	2.24
F33	12 Aug 2025	28	15.10	92.58	8.5	33.38	8.1	24.7	2.32
F33	12 Aug 2025	29	14.79	92.84	8.5	33.35	8.1	24.7	2.25
F33	12 Aug 2025	30	14.67	92.96	8.5	33.35	8.1	24.8	2.27
F33	12 Aug 2025	31	14.58	93.01	8.4	33.34	8.1	24.8	2.18
F33	12 Aug 2025	32	14.40	93.12	8.4	33.33	8.1	24.8	2.12
F33	12 Aug 2025	33	14.20	93.32	8.4	33.33	8.1	24.9	2.14
F33	12 Aug 2025	34	14.01	93.75	8.3	33.32	8.1	24.9	2.10
F33	12 Aug 2025	35	13.99	93.91	8.2	33.31	8.1	24.9	1.99
F33	12 Aug 2025	36	13.80	94.16	8.2	33.32	8.1	24.9	2.11
F33	12 Aug 2025	37	13.59	94.34	8.1	33.31	8.1	25.0	1.81
F33	12 Aug 2025	38	13.50	94.76	8.1	33.32	8.0	25.0	1.70
F33	12 Aug 2025	39	13.38	94.85	8.0	33.32	8.0	25.0	1.68
F33	12 Aug 2025	40	13.33	94.98	7.9	33.32	8.0	25.0	1.66
F33	12 Aug 2025	41	13.23	94.96	7.8	33.33	8.0	25.1	1.59
F33	12 Aug 2025	42	13.20	95.04	7.8	33.34	8.0	25.1	1.61
F33	12 Aug 2025	43	13.09	95.3	7.7	33.35	8.0	25.1	1.57
F33	12 Aug 2025	44	13.03	95.34	7.7	33.36	8.0	25.1	1.52
F33	12 Aug 2025	45	12.95	95.52	7.6	33.38	8.0	25.1	1.39
F33	12 Aug 2025	46	12.80	95.78	7.4	33.38	8.0	25.2	1.25
F33	12 Aug 2025	47	12.65	96	7.3	33.41	8.0	25.2	1.13
F33	12 Aug 2025	48	12.56	96.36	7.2	33.42	8.0	25.3	0.84
F33	12 Aug 2025	49	12.45	96.58	7.1	33.43	8.0	25.3	0.78
F33	12 Aug 2025	50	12.42	96.67	7.0	33.43	8.0	25.3	0.71
F33	12 Aug 2025	51	12.41	96.76	7.0	33.43	8.0	25.3	0.69
F33	12 Aug 2025	52	12.38	96.82	6.9	33.43	7.9	25.3	0.67
F33	12 Aug 2025	53	12.32	96.87	6.9	33.44	7.9	25.3	0.63
F33	12 Aug 2025	54	12.24	96.91	6.8	33.44	7.9	25.3	0.60
F33	12 Aug 2025	55	12.11	96.9	6.8	33.45	7.9	25.4	0.56
F33	12 Aug 2025	56	12.04	96.76	6.7	33.45	7.9	25.4	0.53
F33	12 Aug 2025	57	12.06	96.88	6.7	33.44	7.9	25.4	0.52
F33	12 Aug 2025	58	11.96	96.97	6.6	33.45	7.9	25.4	0.50
F33	12 Aug 2025	59	11.94	97.01	6.6	33.45	7.9	25.4	0.47
F33	12 Aug 2025	60	11.92	97	6.6	33.45	7.9	25.4	0.47
F33	12 Aug 2025	61	11.87	97.14	6.5	33.44	7.9	25.4	0.46
F33	12 Aug 2025	62	11.78	97.07	6.4	33.46	7.9	25.4	0.45
F33	12 Aug 2025	63	11.68	96.97	6.3	33.47	7.9	25.5	0.42
F33	12 Aug 2025	64	11.63	96.88	6.2	33.48	7.9	25.5	0.41
F33	12 Aug 2025	65	11.47	96.8	6.0	33.51	7.9	25.5	0.42
F33	12 Aug 2025	66	11.39	96.84	5.8	33.52	7.8	25.5	0.37
F33	12 Aug 2025	67	11.37	96.82	5.8	33.52	7.8	25.6	0.36
F33	12 Aug 2025	68	11.37	96.79	5.7	33.52	7.8	25.6	0.36

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F33	12 Aug 2025	69	11.38	96.78	5.7	33.52	7.8	25.6	0.34
F33	12 Aug 2025	70	11.38	96.76	5.7	33.52	7.8	25.6	0.36
F33	12 Aug 2025	71	11.38	96.78	5.7	33.52	7.8	25.6	0.34
F33	12 Aug 2025	72	11.38	96.78	5.7	33.52	7.8	25.6	0.36
F33	12 Aug 2025	73	11.37	96.77	5.7	33.52	7.8	25.6	0.37
F33	12 Aug 2025	74	11.37	96.76	5.7	33.52	7.8	25.6	0.35
F33	12 Aug 2025	75	11.37	96.77	5.7	33.52	7.8	25.6	0.35
F33	12 Aug 2025	76	11.37	96.38	5.7	33.52	7.8	25.6	0.34
F33	12 Aug 2025	77	11.38	96.25	5.7	33.52	7.8	25.6	0.34
F33	12 Aug 2025	78	11.37	96.76	5.7	33.52	7.8	25.6	0.35
F33	12 Aug 2025	79	11.33	96.7	5.6	33.52	7.8	25.6	0.33
F33	12 Aug 2025	80	11.32	96.65	5.6	33.52	7.8	25.6	0.32
F33	12 Aug 2025	81	11.30	96.67	5.6	33.53	7.8	25.6	0.32
F33	12 Aug 2025	82	11.28	96.74	5.5	33.53	7.8	25.6	0.31
F33	12 Aug 2025	83	11.28	96.75	5.5	33.53	7.8	25.6	0.30
F33	12 Aug 2025	84	11.28	96.74	5.5	33.53	7.8	25.6	0.31
F33	12 Aug 2025	85	11.27	96.71	5.5	33.53	7.8	25.6	0.36
F33	12 Aug 2025	86	11.26	96.68	5.4	33.53	7.8	25.6	0.29
F33	12 Aug 2025	87	11.26	96.63	5.4	33.53	7.8	25.6	0.41
F33	12 Aug 2025	88	11.26	96.66	5.4	33.54	7.8	25.6	0.39
F33	12 Aug 2025	89	11.21	96.65	5.4	33.55	7.8	25.6	0.29
F33	12 Aug 2025	90	11.21	96.76	5.4	33.55	7.8	25.6	0.28
F33	12 Aug 2025	91	11.19	96.77	5.3	33.55	7.8	25.6	0.27
F33	12 Aug 2025	92	11.18	96.71	5.3	33.55	7.8	25.6	0.26
F33	12 Aug 2025	93	11.17	96.57	5.3	33.55	7.8	25.6	0.25
F33	12 Aug 2025	94	11.17	96.49	5.2	33.55	7.8	25.6	0.25
F33	12 Aug 2025	95	11.15	96.52	5.2	33.56	7.8	25.6	0.25
F33	12 Aug 2025	96	11.11	96.44	5.1	33.57	7.8	25.6	0.24
F33	12 Aug 2025	97	11.03	95.93	4.8	33.61	7.7	25.7	0.20
F33	12 Aug 2025	98	11.02	95.59	4.6	33.62	7.7	25.7	0.19
F33	12 Aug 2025	99	10.98	94.45	4.4	33.65	7.7	25.7	0.17
F33	12 Aug 2025	100	10.96	93.62	4.3	33.66	7.7	25.7	0.16
F33	12 Aug 2025	101	10.95	93.04	4.2	33.66	7.7	25.7	0.16
F22	14 Aug 2025	1	21.22	94	7.6	33.59	8.1	23.4	0.35
F22	14 Aug 2025	2	21.23	94.17	7.6	33.59	8.1	23.4	0.35
F22	14 Aug 2025	3	21.22	94.34	7.6	33.59	8.2	23.4	0.35
F22	14 Aug 2025	4	21.22	94.29	7.5	33.59	8.2	23.4	0.36
F22	14 Aug 2025	5	20.73	94.4	7.5	33.58	8.1	23.5	0.39
F22	14 Aug 2025	6	19.38	94.49	7.8	33.50	8.1	23.8	0.38
F22	14 Aug 2025	7	19.03	94.76	7.9	33.42	8.1	23.8	0.30
F22	14 Aug 2025	8	18.95	95.1	7.8	33.41	8.1	23.8	0.31
F22	14 Aug 2025	9	18.74	95.29	7.8	33.38	8.1	23.8	0.29
F22	14 Aug 2025	10	18.62	95.39	7.9	33.39	8.1	23.9	0.27
F22	14 Aug 2025	11	18.56	95.61	7.8	33.39	8.1	23.9	0.28
F22	14 Aug 2025	12	18.11	95.64	7.9	33.37	8.1	24.0	0.31
F22	14 Aug 2025	13	17.64	95.57	8.1	33.34	8.1	24.1	0.35
F22	14 Aug 2025	14	17.41	95.4	8.2	33.35	8.1	24.1	0.37
F22	14 Aug 2025	15	17.31	95.32	8.3	33.37	8.1	24.2	0.43
F22	14 Aug 2025	16	17.25	95.06	8.3	33.39	8.1	24.2	0.47
F22	14 Aug 2025	17	17.20	94.99	8.3	33.40	8.1	24.2	0.48
F22	14 Aug 2025	18	17.07	94.94	8.3	33.40	8.1	24.3	0.51
F22	14 Aug 2025	19	16.81	94.88	8.4	33.41	8.1	24.3	0.55
F22	14 Aug 2025	20	16.76	94.64	8.5	33.39	8.1	24.3	0.82
F22	14 Aug 2025	21	16.83	94.16	8.4	33.39	8.1	24.3	0.89
F22	14 Aug 2025	22	16.54	93.57	8.4	33.42	8.1	24.4	1.17
F22	14 Aug 2025	23	15.90	93.16	8.5	33.41	8.1	24.5	1.81
F22	14 Aug 2025	24	15.67	92.35	8.6	33.37	8.1	24.6	2.28
F22	14 Aug 2025	25	15.62	92.62	8.6	33.37	8.1	24.6	2.19
F22	14 Aug 2025	26	15.53	92.61	8.6	33.37	8.1	24.6	2.10
F22	14 Aug 2025	27	15.43	92.69	8.5	33.38	8.1	24.6	2.02

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F22	14 Aug 2025	28	15.00	92.8	8.5	33.39	8.1	24.7	1.86
F22	14 Aug 2025	29	14.66	92.71	8.5	33.37	8.1	24.8	1.84
F22	14 Aug 2025	30	14.58	92.97	8.4	33.36	8.1	24.8	1.86
F22	14 Aug 2025	31	14.41	93.6	8.4	33.35	8.1	24.8	1.78
F22	14 Aug 2025	32	14.29	93.88	8.3	33.34	8.1	24.8	1.78
F22	14 Aug 2025	33	14.21	94.05	8.2	33.33	8.1	24.9	1.73
F22	14 Aug 2025	34	14.01	94.22	8.1	33.33	8.1	24.9	1.72
F22	14 Aug 2025	35	13.64	94.35	8.1	33.33	8.1	25.0	1.68
F22	14 Aug 2025	36	13.45	94.63	8.0	33.33	8.0	25.0	1.52
F22	14 Aug 2025	37	13.47	94.93	7.9	33.32	8.0	25.0	1.52
F22	14 Aug 2025	38	13.37	95.17	7.9	33.33	8.0	25.0	1.56
F22	14 Aug 2025	39	13.14	95.23	7.8	33.33	8.0	25.1	1.41
F22	14 Aug 2025	40	13.01	95.35	7.6	33.35	8.0	25.1	1.36
F22	14 Aug 2025	41	12.93	95.45	7.5	33.38	8.0	25.1	1.22
F22	14 Aug 2025	42	12.87	95.66	7.4	33.39	8.0	25.2	1.08
F22	14 Aug 2025	43	12.81	95.85	7.3	33.40	8.0	25.2	1.00
F22	14 Aug 2025	44	12.79	96.15	7.2	33.41	8.0	25.2	0.88
F22	14 Aug 2025	45	12.78	96.31	7.2	33.41	8.0	25.2	0.85
F22	14 Aug 2025	46	12.74	96.37	7.2	33.41	8.0	25.2	0.83
F22	14 Aug 2025	47	12.74	96.4	7.2	33.41	8.0	25.2	0.79
F22	14 Aug 2025	48	12.73	96.42	7.2	33.41	8.0	25.2	0.78
F22	14 Aug 2025	49	12.73	96.45	7.2	33.41	8.0	25.2	0.79
F22	14 Aug 2025	50	12.72	96.43	7.1	33.41	8.0	25.2	0.78
F22	14 Aug 2025	51	12.72	96.47	7.1	33.41	8.0	25.2	0.77
F22	14 Aug 2025	52	12.70	96.5	7.1	33.41	8.0	25.2	0.76
F22	14 Aug 2025	53	12.65	96.49	7.0	33.42	8.0	25.2	0.73
F22	14 Aug 2025	54	12.56	96.51	7.0	33.43	8.0	25.3	0.73
F22	14 Aug 2025	55	12.47	96.55	6.9	33.43	7.9	25.3	1.23
F22	14 Aug 2025	56	12.39	96.6	6.7	33.44	7.9	25.3	0.68
F22	14 Aug 2025	57	12.17	96.52	6.6	33.46	7.9	25.4	0.63
F22	14 Aug 2025	58	11.87	96.76	6.3	33.49	7.9	25.4	0.54
F22	14 Aug 2025	59	11.80	96.63	6.1	33.49	7.9	25.5	0.48
F22	14 Aug 2025	60	11.81	96.36	6.0	33.49	7.9	25.4	0.47
F22	14 Aug 2025	61	11.79	96.27	5.9	33.49	7.9	25.5	0.48
F22	14 Aug 2025	62	11.77	96.23	5.9	33.49	7.9	25.5	0.45
F22	14 Aug 2025	63	11.77	96.19	5.8	33.49	7.9	25.5	0.45
F22	14 Aug 2025	64	11.77	96.13	5.8	33.49	7.9	25.5	0.46
F22	14 Aug 2025	65	11.76	96.17	5.8	33.49	7.9	25.5	0.45
F22	14 Aug 2025	66	11.68	96.12	5.7	33.50	7.8	25.5	0.44
F22	14 Aug 2025	67	11.64	95.88	5.6	33.51	7.8	25.5	0.40
F22	14 Aug 2025	68	11.66	95.81	5.6	33.50	7.8	25.5	0.42
F22	14 Aug 2025	69	11.56	95.7	5.4	33.52	7.8	25.5	0.39
F22	14 Aug 2025	70	11.49	95.52	5.3	33.52	7.8	25.5	0.33
F22	14 Aug 2025	71	11.49	95.27	5.2	33.52	7.8	25.5	0.32
F22	14 Aug 2025	72	11.47	95.17	5.2	33.53	7.8	25.5	0.33
F22	14 Aug 2025	73	11.40	95.1	5.1	33.55	7.8	25.6	0.32
F22	14 Aug 2025	74	11.36	95.09	5.0	33.55	7.8	25.6	0.29
F22	14 Aug 2025	75	11.31	95	5.0	33.56	7.8	25.6	0.29
F22	14 Aug 2025	76	11.28	95.04	4.9	33.56	7.8	25.6	0.27
F22	14 Aug 2025	77	11.28	94.95	4.9	33.56	7.8	25.6	0.28
F22	14 Aug 2025	78	11.25	94.97	4.9	33.57	7.8	25.6	0.27
F22	14 Aug 2025	79	11.21	94.91	4.8	33.58	7.8	25.6	0.26
F22	14 Aug 2025	80	11.19	94.33	4.7	33.59	7.8	25.6	0.24
F22	14 Aug 2025	81	11.21	91.75	4.7	33.59	7.8	25.6	0.26
F22	14 Aug 2025	82	11.21	91.61	4.7	33.58	7.8	25.6	0.29
F11	13 Aug 2025	1	21.25	93.7	7.9	33.59	8.2	23.4	0.48
F11	13 Aug 2025	2	21.25	93.42	7.9	33.59	8.2	23.4	0.50
F11	13 Aug 2025	3	21.26	93.47	7.9	33.59	8.2	23.4	0.48
F11	13 Aug 2025	4	21.21	93.62	7.9	33.59	8.2	23.4	0.51
F11	13 Aug 2025	5	21.02	93.34	8.0	33.59	8.2	23.4	0.63

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F11	13 Aug 2025	6	20.50	92.9	8.1	33.55	8.2	23.5	0.60
F11	13 Aug 2025	7	20.35	92.77	8.2	33.53	8.2	23.5	0.49
F11	13 Aug 2025	8	19.85	93.74	8.1	33.51	8.2	23.7	0.44
F11	13 Aug 2025	9	18.63	94.28	8.2	33.45	8.2	23.9	0.37
F11	13 Aug 2025	10	18.48	94.58	8.1	33.50	8.2	24.0	0.29
F11	13 Aug 2025	11	17.91	94.77	8.2	33.48	8.2	24.1	0.42
F11	13 Aug 2025	12	17.40	93.85	8.6	33.43	8.2	24.2	0.92
F11	13 Aug 2025	13	17.29	93.24	8.7	33.42	8.2	24.2	1.19
F11	13 Aug 2025	14	17.18	92.95	8.8	33.42	8.2	24.3	1.29
F11	13 Aug 2025	15	16.97	92.82	8.9	33.43	8.2	24.3	1.42
F11	13 Aug 2025	16	16.66	92.45	8.9	33.43	8.2	24.4	1.57
F11	13 Aug 2025	17	15.86	92.22	8.9	33.43	8.2	24.6	1.58
F11	13 Aug 2025	18	15.00	92.09	8.8	33.40	8.1	24.7	1.92
F11	13 Aug 2025	19	14.42	91.7	8.6	33.37	8.1	24.8	2.32
F11	13 Aug 2025	20	13.97	92.28	8.3	33.34	8.1	24.9	2.21
F11	13 Aug 2025	21	13.90	92.98	8.2	33.32	8.1	24.9	1.97
F11	13 Aug 2025	22	13.81	93.21	8.1	33.33	8.1	24.9	2.04
F11	13 Aug 2025	23	13.56	93.23	8.0	33.33	8.1	25.0	2.10
F11	13 Aug 2025	24	13.44	93.26	7.9	33.34	8.1	25.0	2.21
F11	13 Aug 2025	25	13.28	93.25	7.8	33.35	8.1	25.1	2.05
F11	13 Aug 2025	26	13.17	93.27	7.7	33.36	8.0	25.1	2.00
F11	13 Aug 2025	27	13.07	93.32	7.5	33.37	8.0	25.1	1.89
F11	13 Aug 2025	28	13.02	93.21	7.4	33.38	8.0	25.1	1.84
F11	13 Aug 2025	29	12.99	92.98	7.3	33.38	8.0	25.1	1.73
F11	13 Aug 2025	30	12.95	92.94	7.2	33.39	8.0	25.2	1.66
F11	13 Aug 2025	31	12.83	93.21	7.2	33.39	8.0	25.2	1.48
F11	13 Aug 2025	32	12.77	94.03	7.3	33.40	8.0	25.2	1.22
F11	13 Aug 2025	33	12.68	94.91	7.2	33.40	8.0	25.2	1.24
F11	13 Aug 2025	34	12.56	95.29	7.1	33.40	8.0	25.2	1.18
F11	13 Aug 2025	35	12.45	95.5	6.9	33.42	8.0	25.3	1.07
F11	13 Aug 2025	36	12.56	94.86	6.8	33.41	8.0	25.2	1.09
F11	13 Aug 2025	37	12.45	92.66	6.5	33.43	7.9	25.3	1.10
F11	13 Aug 2025	38	12.46	91.61	6.3	33.43	7.9	25.3	1.10
F11	13 Aug 2025	39	12.46	91.17	6.3	33.43	7.9	25.3	1.02
F11	13 Aug 2025	40	12.45	90.62	6.2	33.43	7.9	25.3	0.99
F11	13 Aug 2025	41	12.45	90.27	6.2	33.43	7.9	25.3	0.99
F11	13 Aug 2025	42	12.45	90.1	6.2	33.43	7.9	25.3	1.02
F11	13 Aug 2025	43	12.44	90.11	6.2	33.43	7.9	25.3	0.96
F11	13 Aug 2025	44	12.44	90.25	6.2	33.43	7.9	25.3	0.98
F11	13 Aug 2025	45	12.44	90.4	6.2	33.43	7.9	25.3	0.98
F11	13 Aug 2025	46	12.44	90.42	6.2	33.43	7.9	25.3	0.96
F11	13 Aug 2025	47	12.43	90.45	6.2	33.43	7.9	25.3	0.99
F11	13 Aug 2025	48	12.43	90.48	6.1	33.43	7.9	25.3	0.96
F11	13 Aug 2025	49	12.41	90.39	6.1	33.43	7.9	25.3	0.95
F11	13 Aug 2025	50	12.37	90	6.0	33.44	7.9	25.3	0.89
F11	13 Aug 2025	51	12.35	89.94	6.0	33.44	7.9	25.3	0.86
F11	13 Aug 2025	52	12.33	90.23	6.0	33.43	7.9	25.3	0.87
F11	13 Aug 2025	53	12.32	90.8	6.1	33.43	7.9	25.3	0.89
F11	13 Aug 2025	54	12.32	91.09	6.1	33.43	7.9	25.3	0.88
F11	13 Aug 2025	55	12.31	91.37	6.1	33.43	7.9	25.3	0.89
F11	13 Aug 2025	56	12.30	91.56	6.1	33.43	7.9	25.3	0.89
F11	13 Aug 2025	57	12.27	91.92	6.2	33.43	7.9	25.3	0.92
F11	13 Aug 2025	58	12.24	92.77	6.2	33.44	7.9	25.3	0.92
F11	13 Aug 2025	59	12.23	92.86	6.1	33.44	7.9	25.3	0.87
F11	13 Aug 2025	60	12.22	92.45	6.1	33.44	7.9	25.3	0.88
F11	13 Aug 2025	61	12.22	89.89	6.0	33.44	7.9	25.3	0.88
F34	12 Aug 2025	1	21.32	94.28	7.6	33.57	8.1	23.3	0.27
F34	12 Aug 2025	2	21.32	94.23	7.6	33.57	8.1	23.3	0.27
F34	12 Aug 2025	3	21.32	94.31	7.6	33.57	8.1	23.3	0.28
F34	12 Aug 2025	4	21.32	94.29	7.6	33.57	8.2	23.3	0.30

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F34	12 Aug 2025	5	21.31	94.26	7.6	33.57	8.2	23.3	0.30
F34	12 Aug 2025	6	21.27	94.32	7.5	33.57	8.2	23.3	0.30
F34	12 Aug 2025	7	20.96	94.23	7.5	33.55	8.1	23.4	0.33
F34	12 Aug 2025	8	20.00	94.23	7.7	33.51	8.1	23.6	0.36
F34	12 Aug 2025	9	19.48	94.21	7.9	33.50	8.1	23.7	0.32
F34	12 Aug 2025	10	19.24	94.4	7.9	33.49	8.1	23.8	0.29
F34	12 Aug 2025	11	19.10	94.82	8.0	33.47	8.1	23.8	0.27
F34	12 Aug 2025	12	18.61	95	8.0	33.41	8.1	23.9	0.29
F34	12 Aug 2025	13	18.02	95.19	8.1	33.33	8.1	24.0	0.28
F34	12 Aug 2025	14	17.78	95.3	8.2	33.30	8.1	24.0	0.26
F34	12 Aug 2025	15	17.58	95.31	8.2	33.28	8.1	24.1	0.29
F34	12 Aug 2025	16	17.29	95.31	8.3	33.26	8.1	24.1	0.28
F34	12 Aug 2025	17	17.08	95.31	8.3	33.26	8.1	24.2	0.31
F34	12 Aug 2025	18	16.86	95.25	8.4	33.27	8.1	24.2	0.36
F34	12 Aug 2025	19	16.81	95.07	8.5	33.30	8.1	24.3	0.42
F34	12 Aug 2025	20	16.72	94.91	8.5	33.35	8.1	24.3	0.53
F34	12 Aug 2025	21	16.67	94.42	8.6	33.43	8.1	24.4	0.71
F34	12 Aug 2025	22	16.57	93.89	8.5	33.44	8.1	24.4	0.85
F34	12 Aug 2025	23	16.28	93.44	8.5	33.45	8.1	24.5	1.32
F34	12 Aug 2025	24	16.11	92.69	8.6	33.42	8.1	24.5	1.89
F34	12 Aug 2025	25	15.85	92.52	8.6	33.41	8.1	24.6	1.87
F34	12 Aug 2025	26	15.52	92.67	8.6	33.38	8.1	24.6	2.14
F34	12 Aug 2025	27	15.31	92.71	8.5	33.38	8.1	24.7	2.15
F34	12 Aug 2025	28	14.93	92.79	8.5	33.36	8.1	24.7	2.24
F34	12 Aug 2025	29	14.83	92.98	8.5	33.35	8.1	24.7	2.23
F34	12 Aug 2025	30	14.84	93.15	8.5	33.35	8.1	24.7	2.17
F34	12 Aug 2025	31	14.66	93.35	8.4	33.34	8.1	24.8	2.16
F34	12 Aug 2025	32	14.63	93.45	8.4	33.34	8.1	24.8	2.08
F34	12 Aug 2025	33	14.55	93.5	8.4	33.34	8.1	24.8	2.11
F34	12 Aug 2025	34	14.38	93.54	8.4	33.34	8.1	24.8	2.08
F34	12 Aug 2025	35	14.19	93.65	8.3	33.33	8.1	24.9	2.02
F34	12 Aug 2025	36	14.11	93.75	8.3	33.32	8.1	24.9	2.02
F34	12 Aug 2025	37	13.84	94	8.2	33.33	8.1	24.9	2.02
F34	12 Aug 2025	38	13.66	94.25	8.1	33.32	8.1	25.0	1.89
F34	12 Aug 2025	39	13.57	94.52	8.1	33.32	8.1	25.0	1.84
F34	12 Aug 2025	40	13.43	94.7	8.0	33.32	8.0	25.0	1.79
F34	12 Aug 2025	41	13.35	94.82	8.0	33.32	8.0	25.0	1.67
F34	12 Aug 2025	42	13.36	94.91	7.9	33.32	8.0	25.0	1.61
F34	12 Aug 2025	43	13.34	95.09	7.9	33.33	8.0	25.0	1.68
F34	12 Aug 2025	44	13.11	95.14	7.7	33.35	8.0	25.1	1.55
F34	12 Aug 2025	45	12.93	95.34	7.6	33.37	8.0	25.1	1.39
F34	12 Aug 2025	46	12.90	95.65	7.5	33.37	8.0	25.2	1.22
F34	12 Aug 2025	47	12.77	95.77	7.4	33.38	8.0	25.2	1.16
F34	12 Aug 2025	48	12.65	96.06	7.3	33.40	8.0	25.2	1.03
F34	12 Aug 2025	49	12.54	96.29	7.2	33.41	8.0	25.2	0.92
F34	12 Aug 2025	50	12.51	96.46	7.2	33.40	8.0	25.3	0.82
F34	12 Aug 2025	51	12.49	96.57	7.1	33.41	8.0	25.3	0.85
F34	12 Aug 2025	52	12.34	96.55	7.0	33.43	8.0	25.3	0.74
F34	12 Aug 2025	53	12.30	96.74	6.9	33.44	7.9	25.3	0.62
F34	12 Aug 2025	54	12.25	96.91	6.9	33.44	7.9	25.3	0.56
F34	12 Aug 2025	55	12.16	96.99	6.8	33.44	7.9	25.3	0.53
F34	12 Aug 2025	56	12.13	97.08	6.8	33.44	7.9	25.4	0.55
F34	12 Aug 2025	57	12.10	97.09	6.8	33.44	7.9	25.4	0.49
F34	12 Aug 2025	58	12.05	97.13	6.7	33.44	7.9	25.4	0.46
F34	12 Aug 2025	59	12.04	97.19	6.7	33.44	7.9	25.4	0.48
F34	12 Aug 2025	60	11.74	97.26	6.6	33.46	7.9	25.4	0.46
F34	12 Aug 2025	61	11.63	97.27	6.5	33.46	7.9	25.5	0.42
F34	12 Aug 2025	62	11.62	97.32	6.4	33.46	7.9	25.5	0.39
F34	12 Aug 2025	63	11.54	97.36	6.3	33.47	7.9	25.5	0.37
F34	12 Aug 2025	64	11.45	97.36	6.3	33.48	7.9	25.5	0.37
F34	12 Aug 2025	65	11.40	97.34	6.2	33.49	7.9	25.5	0.35

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F34	12 Aug 2025	66	11.38	97.38	6.1	33.49	7.9	25.5	0.35
F34	12 Aug 2025	67	11.36	97.3	6.1	33.49	7.9	25.5	0.34
F34	12 Aug 2025	68	11.34	97.3	6.0	33.50	7.9	25.5	0.33
F34	12 Aug 2025	69	11.33	97.31	6.0	33.50	7.9	25.5	0.32
F34	12 Aug 2025	70	11.32	97.28	6.0	33.50	7.8	25.5	0.32
F34	12 Aug 2025	71	11.31	97.32	6.0	33.50	7.8	25.6	0.32
F34	12 Aug 2025	72	11.30	97.38	6.0	33.50	7.8	25.6	0.31
F34	12 Aug 2025	73	11.24	97.33	5.9	33.51	7.8	25.6	0.31
F34	12 Aug 2025	74	11.20	97.28	5.8	33.52	7.8	25.6	0.30
F34	12 Aug 2025	75	11.20	97.26	5.8	33.53	7.8	25.6	0.29
F34	12 Aug 2025	76	11.18	97.28	5.7	33.53	7.8	25.6	0.29
F34	12 Aug 2025	77	11.15	97.27	5.6	33.54	7.8	25.6	0.27
F34	12 Aug 2025	78	11.14	97.25	5.6	33.54	7.8	25.6	0.27
F34	12 Aug 2025	79	11.14	97.23	5.6	33.54	7.8	25.6	0.27
F34	12 Aug 2025	80	11.12	97.22	5.6	33.55	7.8	25.6	0.27
F34	12 Aug 2025	81	11.11	97.21	5.5	33.55	7.8	25.6	0.27
F34	12 Aug 2025	82	11.09	97.14	5.5	33.55	7.8	25.6	0.26
F34	12 Aug 2025	83	11.03	97.11	5.3	33.58	7.8	25.7	0.25
F34	12 Aug 2025	84	10.98	96.88	5.1	33.61	7.8	25.7	0.21
F34	12 Aug 2025	85	10.97	96.58	4.9	33.62	7.8	25.7	0.18
F34	12 Aug 2025	86	10.95	96.46	4.8	33.63	7.8	25.7	0.17
F34	12 Aug 2025	87	10.94	96.4	4.7	33.65	7.7	25.7	0.16
F34	12 Aug 2025	88	10.93	96.3	4.6	33.65	7.7	25.7	0.16
F34	12 Aug 2025	89	10.92	96.39	4.6	33.66	7.7	25.8	0.15
F34	12 Aug 2025	90	10.90	96.44	4.5	33.67	7.7	25.8	0.15
F34	12 Aug 2025	91	10.90	96.48	4.5	33.67	7.7	25.8	0.14
F34	12 Aug 2025	92	10.89	96.47	4.4	33.69	7.7	25.8	0.14
F34	12 Aug 2025	93	10.87	96.45	4.3	33.70	7.7	25.8	0.13
F34	12 Aug 2025	94	10.87	96.32	4.3	33.71	7.7	25.8	0.13
F34	12 Aug 2025	95	10.85	96.24	4.2	33.71	7.7	25.8	0.13
F34	12 Aug 2025	96	10.84	96.06	4.2	33.71	7.7	25.8	0.13
F34	12 Aug 2025	97	10.82	95.66	4.2	33.72	7.7	25.8	0.12
F34	12 Aug 2025	98	10.81	95.56	4.1	33.72	7.7	25.8	0.11
F34	12 Aug 2025	99	10.81	95.52	4.1	33.73	7.7	25.8	0.12
F34	12 Aug 2025	100	10.79	95.36	4.1	33.74	7.7	25.8	0.11
F34	12 Aug 2025	101	10.77	94.63	4.0	33.74	7.7	25.8	0.12
F23	14 Aug 2025	1	21.25	94.35	7.6	33.60	8.2	23.4	0.38
F23	14 Aug 2025	2	21.25	94.32	7.6	33.60	8.2	23.4	0.36
F23	14 Aug 2025	3	21.25	94.37	7.6	33.60	8.2	23.4	0.35
F23	14 Aug 2025	4	21.24	94.49	7.6	33.60	8.2	23.4	0.36
F23	14 Aug 2025	5	21.23	94.53	7.6	33.60	8.2	23.4	0.38
F23	14 Aug 2025	6	21.12	94.49	7.5	33.59	8.2	23.4	0.39
F23	14 Aug 2025	7	20.57	93.69	7.5	33.57	8.1	23.5	0.37
F23	14 Aug 2025	8	19.39	93.49	7.7	33.49	8.1	23.8	0.38
F23	14 Aug 2025	9	18.83	94.99	7.8	33.41	8.1	23.8	0.28
F23	14 Aug 2025	10	18.57	95.3	7.8	33.39	8.1	23.9	0.28
F23	14 Aug 2025	11	18.31	95.43	7.9	33.40	8.1	24.0	0.28
F23	14 Aug 2025	12	17.98	95.49	8.0	33.37	8.1	24.0	0.35
F23	14 Aug 2025	13	17.74	95.17	8.1	33.34	8.1	24.1	0.42
F23	14 Aug 2025	14	17.59	95.11	8.1	33.33	8.1	24.1	0.44
F23	14 Aug 2025	15	17.02	95.2	8.3	33.34	8.1	24.2	0.47
F23	14 Aug 2025	16	16.80	95.08	8.4	33.33	8.1	24.3	0.49
F23	14 Aug 2025	17	16.67	94.77	8.4	33.30	8.1	24.3	0.49
F23	14 Aug 2025	18	16.64	94.17	8.4	33.30	8.1	24.3	0.51
F23	14 Aug 2025	19	16.56	94.72	8.4	33.31	8.1	24.3	0.55
F23	14 Aug 2025	20	16.32	95	8.4	33.32	8.1	24.4	0.64
F23	14 Aug 2025	21	15.90	94.75	8.5	33.33	8.1	24.5	0.95
F23	14 Aug 2025	22	15.74	94.24	8.6	33.34	8.1	24.5	1.82
F23	14 Aug 2025	23	15.64	93.41	8.5	33.37	8.1	24.6	2.25
F23	14 Aug 2025	24	15.49	92.59	8.5	33.37	8.1	24.6	2.44

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F23	14 Aug 2025	25	15.41	92.51	8.5	33.37	8.1	24.6	2.41
F23	14 Aug 2025	26	15.27	92.64	8.5	33.36	8.1	24.6	2.27
F23	14 Aug 2025	27	15.15	92.61	8.4	33.37	8.1	24.7	2.07
F23	14 Aug 2025	28	14.97	92.88	8.4	33.36	8.1	24.7	1.94
F23	14 Aug 2025	29	14.63	92.89	8.4	33.37	8.1	24.8	1.89
F23	14 Aug 2025	30	14.39	93.23	8.3	33.35	8.1	24.8	1.72
F23	14 Aug 2025	31	14.33	93.48	8.3	33.34	8.1	24.8	1.68
F23	14 Aug 2025	32	14.31	93.4	8.3	33.34	8.1	24.8	1.75
F23	14 Aug 2025	33	14.27	93.6	8.2	33.33	8.1	24.8	1.87
F23	14 Aug 2025	34	14.10	93.71	8.2	33.33	8.1	24.9	1.85
F23	14 Aug 2025	35	13.94	94.12	8.2	33.32	8.1	24.9	1.88
F23	14 Aug 2025	36	13.89	94.46	8.1	33.32	8.1	24.9	1.80
F23	14 Aug 2025	37	13.69	94.73	8.1	33.32	8.1	25.0	1.77
F23	14 Aug 2025	38	13.49	94.77	8.0	33.32	8.0	25.0	1.66
F23	14 Aug 2025	39	13.31	94.71	7.9	33.34	8.0	25.0	1.56
F23	14 Aug 2025	40	13.26	94.99	7.8	33.33	8.0	25.0	1.45
F23	14 Aug 2025	41	13.28	95.05	7.8	33.33	8.0	25.0	1.46
F23	14 Aug 2025	42	13.06	94.76	7.6	33.35	8.0	25.1	1.38
F23	14 Aug 2025	43	12.94	94.68	7.5	33.40	8.0	25.2	1.22
F23	14 Aug 2025	44	12.86	95.01	7.3	33.41	8.0	25.2	1.10
F23	14 Aug 2025	45	12.79	94.9	7.2	33.41	8.0	25.2	1.00
F23	14 Aug 2025	46	12.77	95.04	7.2	33.41	8.0	25.2	0.86
F23	14 Aug 2025	47	12.75	95.92	7.2	33.41	8.0	25.2	0.79
F23	14 Aug 2025	48	12.74	95.94	7.2	33.41	8.0	25.2	0.79
F23	14 Aug 2025	49	12.71	96	7.2	33.41	8.0	25.2	0.76
F23	14 Aug 2025	50	12.67	96.31	7.1	33.41	8.0	25.2	0.73
F23	14 Aug 2025	51	12.67	96.5	7.1	33.41	8.0	25.2	0.72
F23	14 Aug 2025	52	12.67	96.36	7.1	33.41	8.0	25.2	0.73
F23	14 Aug 2025	53	12.64	96.44	7.0	33.42	8.0	25.2	0.74
F23	14 Aug 2025	54	12.50	96.6	7.0	33.43	8.0	25.3	0.70
F23	14 Aug 2025	55	12.44	96.64	6.9	33.44	7.9	25.3	0.70
F23	14 Aug 2025	56	12.43	96.5	6.8	33.44	7.9	25.3	0.67
F23	14 Aug 2025	57	12.38	96.42	6.7	33.44	7.9	25.3	0.64
F23	14 Aug 2025	58	12.15	96.51	6.5	33.47	7.9	25.4	0.59
F23	14 Aug 2025	59	11.88	96.5	6.3	33.49	7.9	25.4	0.53
F23	14 Aug 2025	60	11.87	96.27	6.1	33.48	7.9	25.4	0.48
F23	14 Aug 2025	61	11.80	96.26	6.0	33.49	7.9	25.5	0.47
F23	14 Aug 2025	62	11.76	95.8	5.9	33.49	7.9	25.5	0.45
F23	14 Aug 2025	63	11.74	95.65	5.8	33.49	7.9	25.5	0.43
F23	14 Aug 2025	64	11.70	95.88	5.8	33.50	7.8	25.5	0.43
F23	14 Aug 2025	65	11.68	95.73	5.8	33.50	7.8	25.5	0.45
F23	14 Aug 2025	66	11.64	95.17	5.7	33.50	7.8	25.5	0.43
F23	14 Aug 2025	67	11.56	95.47	5.6	33.52	7.8	25.5	0.42
F23	14 Aug 2025	68	11.49	94.91	5.5	33.53	7.8	25.5	0.40
F23	14 Aug 2025	69	11.45	94.71	5.3	33.53	7.8	25.6	0.38
F23	14 Aug 2025	70	11.40	94.99	5.2	33.54	7.8	25.6	0.35
F23	14 Aug 2025	71	11.37	94.97	5.1	33.54	7.8	25.6	0.32
F23	14 Aug 2025	72	11.35	94.71	5.0	33.55	7.8	25.6	0.29
F23	14 Aug 2025	73	11.32	94.31	4.9	33.56	7.8	25.6	0.29
F23	14 Aug 2025	74	11.30	94.25	4.9	33.56	7.8	25.6	0.29
F23	14 Aug 2025	75	11.28	94.06	4.8	33.56	7.8	25.6	0.28
F23	14 Aug 2025	76	11.26	93.69	4.8	33.57	7.8	25.6	0.26
F23	14 Aug 2025	77	11.24	93.51	4.7	33.58	7.8	25.6	0.25
F23	14 Aug 2025	78	11.23	92.9	4.7	33.58	7.8	25.6	0.24
F23	14 Aug 2025	79	11.22	92.75	4.7	33.58	7.8	25.6	0.25
F23	14 Aug 2025	80	11.22	91.97	4.7	33.58	7.8	25.6	0.25
F23	14 Aug 2025	81	11.22	91.35	4.7	33.58	7.8	25.6	0.24
F23	14 Aug 2025	82	11.23	66.97	4.6	33.58	7.8	25.6	0.27
F12	13 Aug 2025	1	21.18	94.59	7.8	33.57	8.2	23.4	0.33
F12	13 Aug 2025	2	21.19	94.69	7.8	33.57	8.2	23.4	0.34

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F12	13 Aug 2025	3	21.19	94.71	7.8	33.57	8.2	23.4	0.32
F12	13 Aug 2025	4	21.19	94.7	7.8	33.57	8.2	23.4	0.32
F12	13 Aug 2025	5	20.98	94.71	8.0	33.58	8.2	23.4	0.32
F12	13 Aug 2025	6	20.13	94.8	8.2	33.55	8.2	23.6	0.36
F12	13 Aug 2025	7	19.12	94.83	8.1	33.46	8.2	23.8	0.34
F12	13 Aug 2025	8	18.64	94.94	8.1	33.49	8.2	24.0	0.29
F12	13 Aug 2025	9	18.80	95.01	8.0	33.46	8.2	23.9	0.27
F12	13 Aug 2025	10	17.91	95.22	8.0	33.45	8.2	24.1	0.28
F12	13 Aug 2025	11	17.08	95.33	8.2	33.31	8.1	24.2	0.28
F12	13 Aug 2025	12	16.89	95.42	8.3	33.26	8.1	24.2	0.31
F12	13 Aug 2025	13	16.72	95.38	8.4	33.26	8.1	24.2	0.36
F12	13 Aug 2025	14	16.65	95.27	8.5	33.33	8.1	24.3	0.49
F12	13 Aug 2025	15	16.65	94.3	8.6	33.38	8.2	24.4	0.87
F12	13 Aug 2025	16	16.64	93.32	8.6	33.40	8.2	24.4	1.19
F12	13 Aug 2025	17	16.48	92.66	8.7	33.42	8.2	24.4	1.68
F12	13 Aug 2025	18	16.31	91.17	8.8	33.42	8.2	24.5	2.37
F12	13 Aug 2025	19	15.76	90.36	8.9	33.42	8.2	24.6	2.57
F12	13 Aug 2025	20	15.06	90.06	8.8	33.40	8.2	24.7	2.70
F12	13 Aug 2025	21	14.63	91.15	8.6	33.38	8.1	24.8	2.41
F12	13 Aug 2025	22	14.06	91.7	8.4	33.35	8.1	24.9	2.54
F12	13 Aug 2025	23	14.00	92.83	8.2	33.33	8.1	24.9	2.02
F12	13 Aug 2025	24	13.97	93.19	8.2	33.33	8.1	24.9	1.87
F12	13 Aug 2025	25	13.94	93.33	8.2	33.33	8.1	24.9	1.95
F12	13 Aug 2025	26	13.92	93.6	8.1	33.33	8.1	24.9	2.04
F12	13 Aug 2025	27	13.71	93.63	8.1	33.33	8.1	25.0	1.92
F12	13 Aug 2025	28	13.46	94.04	8.0	33.34	8.1	25.0	1.89
F12	13 Aug 2025	29	13.36	93.97	7.8	33.35	8.1	25.0	1.82
F12	13 Aug 2025	30	13.19	93.74	7.7	33.36	8.0	25.1	1.81
F12	13 Aug 2025	31	13.04	93.84	7.6	33.38	8.0	25.1	1.74
F12	13 Aug 2025	32	12.85	94.39	7.4	33.39	8.0	25.2	1.47
F12	13 Aug 2025	33	12.76	95.14	7.3	33.39	8.0	25.2	1.29
F12	13 Aug 2025	34	12.64	95.39	7.2	33.40	8.0	25.2	1.18
F12	13 Aug 2025	35	12.53	95.64	7.1	33.41	8.0	25.2	1.07
F12	13 Aug 2025	36	12.41	95.73	7.0	33.42	8.0	25.3	0.99
F12	13 Aug 2025	37	12.37	95.79	6.9	33.42	8.0	25.3	0.95
F12	13 Aug 2025	38	12.34	95.93	6.8	33.42	8.0	25.3	1.03
F12	13 Aug 2025	39	12.33	95.98	6.8	33.42	8.0	25.3	1.01
F12	13 Aug 2025	40	12.32	96.05	6.8	33.42	8.0	25.3	0.88
F12	13 Aug 2025	41	12.31	96.16	6.8	33.42	8.0	25.3	0.86
F12	13 Aug 2025	42	12.30	96.24	6.8	33.42	8.0	25.3	0.86
F12	13 Aug 2025	43	12.27	95.89	6.7	33.43	8.0	25.3	0.84
F12	13 Aug 2025	44	12.23	95	6.6	33.43	7.9	25.3	0.82
F12	13 Aug 2025	45	12.23	94.95	6.5	33.44	7.9	25.3	0.83
F12	13 Aug 2025	46	12.23	94.83	6.5	33.43	7.9	25.3	0.83
F12	13 Aug 2025	47	12.23	94.75	6.4	33.44	7.9	25.3	0.82
F12	13 Aug 2025	48	12.22	94.74	6.4	33.44	7.9	25.3	0.84
F12	13 Aug 2025	49	12.22	94.74	6.4	33.44	7.9	25.3	0.87
F12	13 Aug 2025	50	12.22	94.64	6.4	33.44	7.9	25.3	0.84
F12	13 Aug 2025	51	12.22	94.34	6.4	33.44	7.9	25.3	0.81
F12	13 Aug 2025	52	12.22	94.23	6.3	33.44	7.9	25.3	0.81
F12	13 Aug 2025	53	12.22	94.25	6.3	33.44	7.9	25.3	0.84
F12	13 Aug 2025	54	12.22	94.26	6.3	33.44	7.9	25.3	0.84
F12	13 Aug 2025	55	12.21	94.06	6.3	33.44	7.9	25.3	0.82
F12	13 Aug 2025	56	12.21	93.9	6.3	33.44	7.9	25.3	0.80
F12	13 Aug 2025	57	12.21	93.84	6.3	33.44	7.9	25.3	0.84
F12	13 Aug 2025	58	12.21	93.91	6.3	33.44	7.9	25.3	0.82
F12	13 Aug 2025	59	12.21	93.29	6.2	33.44	7.9	25.3	0.82
F12	13 Aug 2025	60	12.21	92.14	6.2	33.44	7.9	25.3	0.87
F12	13 Aug 2025	61	12.21	91.28	6.2	33.44	7.9	25.3	0.83
F12	13 Aug 2025	62	12.21	90.23	6.1	33.44	7.9	25.3	0.88

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F02	13 Aug 2025	1	21.42	75.62	8.0	33.60	8.2	23.3	0.33
F02	13 Aug 2025	2	21.43	81.87	8.0	33.59	8.2	23.3	0.33
F02	13 Aug 2025	3	21.44	87.63	8.0	33.60	8.2	23.3	0.34
F02	13 Aug 2025	4	21.41	94.16	8.1	33.60	8.2	23.3	0.33
F02	13 Aug 2025	5	21.20	94.72	8.3	33.59	8.2	23.4	0.35
F02	13 Aug 2025	6	20.38	94.59	8.7	33.58	8.2	23.6	0.44
F02	13 Aug 2025	7	19.57	93.77	9.1	33.55	8.2	23.8	0.62
F02	13 Aug 2025	8	19.28	93.66	9.2	33.52	8.2	23.8	0.55
F02	13 Aug 2025	9	18.95	94.16	8.9	33.49	8.2	23.9	0.58
F02	13 Aug 2025	10	18.11	94	8.6	33.45	8.2	24.1	0.74
F02	13 Aug 2025	11	17.90	93.79	8.6	33.44	8.2	24.1	0.80
F02	13 Aug 2025	12	17.79	93.56	8.8	33.44	8.2	24.1	0.86
F02	13 Aug 2025	13	17.61	93.1	8.8	33.44	8.2	24.2	0.88
F02	13 Aug 2025	14	16.84	92.76	8.9	33.45	8.2	24.4	1.29
F02	13 Aug 2025	15	16.28	91.74	9.0	33.44	8.2	24.5	2.10
F02	13 Aug 2025	16	15.47	90.27	8.9	33.43	8.2	24.7	3.25
F02	13 Aug 2025	17	14.74	88.32	8.6	33.41	8.1	24.8	3.30
F02	13 Aug 2025	18	14.09	87.88	8.1	33.40	8.1	24.9	2.49
F02	13 Aug 2025	19	13.58	88.63	7.6	33.38	8.0	25.0	1.15
F02	13 Aug 2025	20	13.64	88.43	7.5	33.37	8.0	25.0	1.14
F35	12 Aug 2025	1	21.22	93.86	7.6	33.56	8.1	23.3	0.33
F35	12 Aug 2025	2	21.22	94.18	7.6	33.56	8.1	23.3	0.34
F35	12 Aug 2025	3	21.22	94.16	7.6	33.56	8.1	23.3	0.33
F35	12 Aug 2025	4	21.22	94.17	7.6	33.56	8.1	23.3	0.33
F35	12 Aug 2025	5	21.21	94.19	7.6	33.56	8.1	23.3	0.37
F35	12 Aug 2025	6	21.19	94.12	7.6	33.56	8.1	23.3	0.37
F35	12 Aug 2025	7	21.18	94.17	7.6	33.55	8.1	23.3	0.36
F35	12 Aug 2025	8	21.12	94.17	7.5	33.55	8.1	23.4	0.37
F35	12 Aug 2025	9	20.64	94.08	7.6	33.53	8.1	23.5	0.39
F35	12 Aug 2025	10	19.86	94.01	7.7	33.49	8.1	23.6	0.36
F35	12 Aug 2025	11	19.36	94.39	7.9	33.51	8.1	23.8	0.30
F35	12 Aug 2025	12	19.05	94.72	7.9	33.49	8.1	23.9	0.29
F35	12 Aug 2025	13	18.34	93.44	8.0	33.40	8.1	24.0	0.29
F35	12 Aug 2025	14	18.07	94.93	8.1	33.34	8.1	24.0	0.25
F35	12 Aug 2025	15	17.91	95.14	8.1	33.31	8.1	24.0	0.25
F35	12 Aug 2025	16	17.65	95.28	8.2	33.29	8.1	24.0	0.25
F35	12 Aug 2025	17	17.18	95.34	8.3	33.27	8.1	24.1	0.28
F35	12 Aug 2025	18	16.84	95.29	8.4	33.24	8.1	24.2	0.32
F35	12 Aug 2025	19	16.50	95.25	8.5	33.22	8.1	24.3	0.37
F35	12 Aug 2025	20	16.26	95.27	8.6	33.21	8.1	24.3	0.43
F35	12 Aug 2025	21	16.19	95.26	8.6	33.20	8.1	24.3	0.51
F35	12 Aug 2025	22	16.12	95.1	8.7	33.20	8.1	24.3	0.55
F35	12 Aug 2025	23	16.10	95.11	8.6	33.20	8.1	24.3	0.57
F35	12 Aug 2025	24	16.06	95.17	8.6	33.20	8.1	24.4	0.58
F35	12 Aug 2025	25	16.00	95.08	8.7	33.21	8.1	24.4	0.64
F35	12 Aug 2025	26	15.92	94.87	8.7	33.23	8.1	24.4	0.83
F35	12 Aug 2025	27	15.79	94.54	8.7	33.24	8.1	24.4	1.00
F35	12 Aug 2025	28	15.66	93.5	8.5	33.41	8.1	24.6	1.37
F35	12 Aug 2025	29	15.26	92.73	8.4	33.40	8.1	24.7	2.19
F35	12 Aug 2025	30	14.87	92.89	8.5	33.38	8.1	24.7	2.15
F35	12 Aug 2025	31	14.79	93.02	8.5	33.35	8.1	24.7	2.19
F35	12 Aug 2025	32	14.70	93.17	8.4	33.35	8.1	24.8	2.21
F35	12 Aug 2025	33	14.52	93.31	8.4	33.35	8.1	24.8	2.10
F35	12 Aug 2025	34	14.46	93.55	8.4	33.34	8.1	24.8	2.05
F35	12 Aug 2025	35	14.38	93.79	8.4	33.34	8.1	24.8	2.04
F35	12 Aug 2025	36	14.31	93.89	8.3	33.34	8.1	24.8	2.06
F35	12 Aug 2025	37	14.14	93.98	8.3	33.34	8.1	24.9	2.03
F35	12 Aug 2025	38	13.88	94.03	8.2	33.34	8.1	24.9	2.01
F35	12 Aug 2025	39	13.72	94.12	8.1	33.33	8.1	25.0	1.90
F35	12 Aug 2025	40	13.54	94.31	8.0	33.33	8.0	25.0	1.87

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F35	12 Aug 2025	41	13.36	94.63	7.9	33.34	8.0	25.0	1.83
F35	12 Aug 2025	42	13.21	95.01	7.8	33.34	8.0	25.1	1.56
F35	12 Aug 2025	43	13.14	95.31	7.8	33.34	8.0	25.1	1.44
F35	12 Aug 2025	44	13.10	95.21	7.7	33.34	8.0	25.1	1.39
F35	12 Aug 2025	45	13.15	95.36	7.7	33.34	8.0	25.1	1.40
F35	12 Aug 2025	46	12.94	95.62	7.6	33.36	8.0	25.1	1.37
F35	12 Aug 2025	47	12.87	95.71	7.5	33.37	8.0	25.2	1.22
F35	12 Aug 2025	48	12.76	95.83	7.4	33.39	8.0	25.2	1.04
F35	12 Aug 2025	49	12.65	96.11	7.3	33.41	8.0	25.2	1.02
F35	12 Aug 2025	50	12.57	96.37	7.2	33.42	8.0	25.2	0.85
F35	12 Aug 2025	51	12.54	96.5	7.1	33.42	8.0	25.3	0.74
F35	12 Aug 2025	52	12.51	96.58	7.1	33.42	8.0	25.3	0.73
F35	12 Aug 2025	53	12.44	96.58	7.0	33.42	8.0	25.3	0.71
F35	12 Aug 2025	54	12.44	96.73	7.0	33.42	8.0	25.3	0.65
F35	12 Aug 2025	55	12.42	96.79	7.0	33.43	8.0	25.3	0.65
F35	12 Aug 2025	56	12.30	96.81	6.9	33.44	7.9	25.3	0.59
F35	12 Aug 2025	57	12.31	96.96	6.9	33.43	7.9	25.3	0.56
F35	12 Aug 2025	58	12.20	97.06	6.8	33.44	7.9	25.3	0.53
F35	12 Aug 2025	59	12.19	97.05	6.8	33.44	7.9	25.3	0.49
F35	12 Aug 2025	60	12.01	97.06	6.7	33.44	7.9	25.4	0.47
F35	12 Aug 2025	61	11.74	97.14	6.6	33.45	7.9	25.4	0.43
F35	12 Aug 2025	62	11.72	97.28	6.5	33.45	7.9	25.4	0.42
F35	12 Aug 2025	63	11.50	97.29	6.4	33.47	7.9	25.5	0.40
F35	12 Aug 2025	64	11.44	97.28	6.3	33.47	7.9	25.5	0.36
F35	12 Aug 2025	65	11.43	97.39	6.3	33.47	7.9	25.5	0.34
F35	12 Aug 2025	66	11.40	97.46	6.3	33.47	7.9	25.5	0.34
F35	12 Aug 2025	67	11.37	97.43	6.2	33.48	7.9	25.5	0.34
F35	12 Aug 2025	68	11.35	97.37	6.2	33.48	7.9	25.5	0.33
F35	12 Aug 2025	69	11.32	97.45	6.2	33.48	7.9	25.5	0.32
F35	12 Aug 2025	70	11.30	97.45	6.2	33.49	7.9	25.5	0.32
F35	12 Aug 2025	71	11.27	97.47	6.1	33.49	7.9	25.6	0.31
F35	12 Aug 2025	72	11.24	97.48	6.1	33.50	7.9	25.6	0.30
F35	12 Aug 2025	73	11.22	97.42	6.0	33.50	7.8	25.6	0.30
F35	12 Aug 2025	74	11.16	97.45	6.0	33.51	7.8	25.6	0.30
F35	12 Aug 2025	75	11.16	97.43	5.9	33.51	7.8	25.6	0.29
F35	12 Aug 2025	76	11.13	97.44	5.9	33.52	7.8	25.6	0.29
F35	12 Aug 2025	77	11.11	97.39	5.8	33.52	7.8	25.6	0.28
F35	12 Aug 2025	78	11.01	97.47	5.8	33.53	7.8	25.6	0.26
F35	12 Aug 2025	79	10.94	97.5	5.8	33.54	7.8	25.6	0.25
F35	12 Aug 2025	80	10.93	97.58	5.7	33.55	7.8	25.7	0.23
F35	12 Aug 2025	81	10.93	97.55	5.6	33.56	7.8	25.7	0.24
F35	12 Aug 2025	82	10.92	97.48	5.6	33.56	7.8	25.7	0.23
F35	12 Aug 2025	83	10.91	97.45	5.5	33.57	7.8	25.7	0.22
F35	12 Aug 2025	84	10.91	97.43	5.5	33.58	7.8	25.7	0.22
F35	12 Aug 2025	85	10.91	97.4	5.4	33.58	7.8	25.7	0.21
F35	12 Aug 2025	86	10.89	97.32	5.2	33.62	7.8	25.7	0.21
F35	12 Aug 2025	87	10.89	97.17	5.0	33.63	7.8	25.7	0.18
F35	12 Aug 2025	88	10.86	97.02	4.9	33.64	7.8	25.7	0.18
F35	12 Aug 2025	89	10.83	97	4.8	33.66	7.8	25.8	0.17
F35	12 Aug 2025	90	10.82	96.95	4.8	33.66	7.8	25.8	0.15
F35	12 Aug 2025	91	10.81	96.93	4.7	33.68	7.7	25.8	0.15
F35	12 Aug 2025	92	10.73	96.87	4.5	33.72	7.7	25.8	0.14
F35	12 Aug 2025	93	10.71	96.87	4.3	33.74	7.7	25.8	0.12
F35	12 Aug 2025	94	10.69	96.85	4.2	33.76	7.7	25.9	0.12
F35	12 Aug 2025	95	10.66	96.77	4.1	33.78	7.7	25.9	0.10
F35	12 Aug 2025	96	10.63	96.79	4.0	33.79	7.7	25.9	0.09
F35	12 Aug 2025	97	10.63	96.7	4.0	33.79	7.7	25.9	0.10
F35	12 Aug 2025	98	10.63	96.32	4.0	33.79	7.7	25.9	0.09
F35	12 Aug 2025	99	10.63	95.9	3.9	33.80	7.7	25.9	0.09
F35	12 Aug 2025	100	10.63	95.75	3.9	33.80	7.7	25.9	0.09

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F24	14 Aug 2025	1	21.33	93.36	7.5	33.60	8.2	23.3	0.37
F24	14 Aug 2025	2	21.33	93.51	7.5	33.61	8.2	23.3	0.40
F24	14 Aug 2025	3	21.33	94.34	7.6	33.61	8.2	23.3	0.38
F24	14 Aug 2025	4	21.33	94.45	7.6	33.61	8.2	23.3	0.37
F24	14 Aug 2025	5	21.33	94.43	7.5	33.61	8.2	23.3	0.40
F24	14 Aug 2025	6	21.07	94.46	7.4	33.60	8.2	23.4	0.38
F24	14 Aug 2025	7	19.62	94.23	7.7	33.52	8.1	23.7	0.38
F24	14 Aug 2025	8	19.25	94.84	7.8	33.43	8.1	23.8	0.30
F24	14 Aug 2025	9	19.16	95.22	7.8	33.41	8.1	23.8	0.30
F24	14 Aug 2025	10	18.91	95.37	7.8	33.42	8.1	23.8	0.28
F24	14 Aug 2025	11	18.50	95.55	7.9	33.41	8.1	23.9	0.26
F24	14 Aug 2025	12	18.40	95.61	7.9	33.40	8.1	24.0	0.28
F24	14 Aug 2025	13	18.29	95.68	7.9	33.40	8.1	24.0	0.31
F24	14 Aug 2025	14	18.21	95.59	8.0	33.40	8.1	24.0	0.35
F24	14 Aug 2025	15	17.90	95.49	8.0	33.37	8.1	24.0	0.36
F24	14 Aug 2025	16	17.39	95.41	8.1	33.32	8.1	24.1	0.38
F24	14 Aug 2025	17	17.22	95.42	8.3	33.29	8.1	24.2	0.39
F24	14 Aug 2025	18	17.31	95.42	8.2	33.31	8.1	24.1	0.41
F24	14 Aug 2025	19	16.53	95.39	8.4	33.27	8.1	24.3	0.44
F24	14 Aug 2025	20	16.41	95.42	8.4	33.26	8.1	24.3	0.47
F24	14 Aug 2025	21	16.23	95.01	8.5	33.24	8.1	24.3	0.50
F24	14 Aug 2025	22	16.22	95.21	8.5	33.23	8.1	24.3	0.58
F24	14 Aug 2025	23	15.73	95.22	8.6	33.22	8.1	24.4	0.56
F24	14 Aug 2025	24	15.43	95.09	8.6	33.23	8.1	24.5	0.77
F24	14 Aug 2025	25	15.31	94.42	8.6	33.25	8.1	24.6	1.38
F24	14 Aug 2025	26	15.30	94.02	8.6	33.26	8.1	24.6	1.75
F24	14 Aug 2025	27	14.95	94.01	8.5	33.31	8.1	24.7	1.61
F24	14 Aug 2025	28	14.86	93.92	8.4	33.32	8.1	24.7	1.91
F24	14 Aug 2025	29	14.77	93.97	8.4	33.33	8.1	24.7	1.85
F24	14 Aug 2025	30	14.75	93.88	8.4	33.34	8.1	24.7	1.85
F24	14 Aug 2025	31	14.69	93.86	8.3	33.34	8.1	24.8	1.82
F24	14 Aug 2025	32	14.53	93.82	8.3	33.35	8.1	24.8	1.79
F24	14 Aug 2025	33	14.34	93.73	8.3	33.34	8.1	24.8	1.77
F24	14 Aug 2025	34	14.32	93.81	8.3	33.34	8.1	24.8	1.76
F24	14 Aug 2025	35	14.31	94.05	8.3	33.34	8.1	24.8	1.75
F24	14 Aug 2025	36	14.30	93.95	8.3	33.34	8.1	24.8	1.75
F24	14 Aug 2025	37	14.27	94.15	8.2	33.34	8.1	24.8	1.76
F24	14 Aug 2025	38	14.09	94.27	8.1	33.34	8.1	24.9	1.80
F24	14 Aug 2025	39	13.60	94.42	8.0	33.34	8.1	25.0	1.76
F24	14 Aug 2025	40	13.40	94.78	8.0	33.33	8.0	25.0	1.60
F24	14 Aug 2025	41	13.63	95.12	7.9	33.33	8.0	25.0	1.63
F24	14 Aug 2025	42	13.20	95.3	7.8	33.34	8.0	25.1	1.58
F24	14 Aug 2025	43	13.01	95.28	7.6	33.36	8.0	25.1	1.34
F24	14 Aug 2025	44	12.89	95.45	7.4	33.40	8.0	25.2	1.13
F24	14 Aug 2025	45	12.92	95.95	7.3	33.39	8.0	25.2	0.91
F24	14 Aug 2025	46	12.86	96.22	7.3	33.40	8.0	25.2	0.94
F24	14 Aug 2025	47	12.77	96.38	7.2	33.41	8.0	25.2	0.85
F24	14 Aug 2025	48	12.76	96.48	7.2	33.41	8.0	25.2	0.73
F24	14 Aug 2025	49	12.79	96.55	7.2	33.41	8.0	25.2	0.80
F24	14 Aug 2025	50	12.73	96.57	7.1	33.41	8.0	25.2	0.79
F24	14 Aug 2025	51	12.67	96.57	7.1	33.42	8.0	25.2	0.74
F24	14 Aug 2025	52	12.66	96.64	7.1	33.42	8.0	25.2	0.76
F24	14 Aug 2025	53	12.59	96.66	7.0	33.42	8.0	25.2	0.72
F24	14 Aug 2025	54	12.57	96.7	7.0	33.42	8.0	25.3	0.68
F24	14 Aug 2025	55	12.56	96.71	7.0	33.42	8.0	25.3	0.71
F24	14 Aug 2025	56	12.53	96.49	7.0	33.42	8.0	25.3	0.69
F24	14 Aug 2025	57	12.43	96.71	6.9	33.43	7.9	25.3	0.67
F24	14 Aug 2025	58	12.29	96.72	6.8	33.44	7.9	25.3	0.67
F24	14 Aug 2025	59	12.21	96.71	6.7	33.44	7.9	25.3	0.65
F24	14 Aug 2025	60	12.11	96.71	6.5	33.45	7.9	25.4	0.63
F24	14 Aug 2025	61	11.82	96.71	6.3	33.49	7.9	25.5	0.61

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F24	14 Aug 2025	62	11.67	96.37	6.0	33.51	7.9	25.5	0.53
F24	14 Aug 2025	63	11.63	95.75	5.7	33.51	7.8	25.5	0.48
F24	14 Aug 2025	64	11.61	95.1	5.6	33.51	7.8	25.5	0.47
F24	14 Aug 2025	65	11.60	94.87	5.6	33.51	7.8	25.5	0.47
F24	14 Aug 2025	66	11.59	94.75	5.6	33.51	7.8	25.5	0.46
F24	14 Aug 2025	67	11.56	94.62	5.5	33.51	7.8	25.5	0.45
F24	14 Aug 2025	68	11.54	94.51	5.4	33.52	7.8	25.5	0.42
F24	14 Aug 2025	69	11.51	94.49	5.4	33.52	7.8	25.5	0.40
F24	14 Aug 2025	70	11.50	94.6	5.4	33.52	7.8	25.5	0.39
F24	14 Aug 2025	71	11.48	94.73	5.4	33.52	7.8	25.5	0.38
F24	14 Aug 2025	72	11.45	94.79	5.3	33.53	7.8	25.5	0.37
F24	14 Aug 2025	73	11.44	94.38	5.2	33.53	7.8	25.6	0.37
F24	14 Aug 2025	74	11.44	93.85	5.2	33.53	7.8	25.6	0.37
F24	14 Aug 2025	75	11.43	94	5.2	33.53	7.8	25.6	0.36
F24	14 Aug 2025	76	11.41	93.88	5.2	33.54	7.8	25.6	0.36
F24	14 Aug 2025	77	11.40	93.54	5.1	33.54	7.8	25.6	0.35
F24	14 Aug 2025	78	11.40	93.36	5.1	33.54	7.8	25.6	0.34
F24	14 Aug 2025	79	11.40	93.25	5.1	33.54	7.8	25.6	0.34
F24	14 Aug 2025	80	11.38	92.9	5.1	33.54	7.8	25.6	0.33
F24	14 Aug 2025	81	11.37	91.94	5.0	33.54	7.8	25.6	0.31
F24	14 Aug 2025	82	11.35	90.75	5.0	33.55	7.8	25.6	0.36
F13	13 Aug 2025	1	21.43	93.67	8.3	33.61	8.2	23.3	0.54
F13	13 Aug 2025	2	21.43	93.6	8.3	33.61	8.2	23.3	0.53
F13	13 Aug 2025	3	21.40	93.56	8.3	33.61	8.2	23.3	0.52
F13	13 Aug 2025	4	21.23	93.68	8.3	33.60	8.2	23.4	0.50
F13	13 Aug 2025	5	20.70	93.59	8.3	33.57	8.2	23.5	0.46
F13	13 Aug 2025	6	19.69	94.03	8.2	33.50	8.2	23.7	0.40
F13	13 Aug 2025	7	18.77	94.48	8.2	33.44	8.2	23.9	0.33
F13	13 Aug 2025	8	18.62	94.82	8.1	33.46	8.2	23.9	0.28
F13	13 Aug 2025	9	18.34	95.11	8.0	33.46	8.2	24.0	0.28
F13	13 Aug 2025	10	17.44	95.25	8.2	33.32	8.1	24.1	0.27
F13	13 Aug 2025	11	17.02	95.38	8.3	33.27	8.1	24.2	0.28
F13	13 Aug 2025	12	16.80	95.36	8.4	33.26	8.1	24.2	0.36
F13	13 Aug 2025	13	16.60	95.25	8.4	33.31	8.1	24.3	0.46
F13	13 Aug 2025	14	16.31	94.74	8.5	33.35	8.1	24.4	0.79
F13	13 Aug 2025	15	15.92	94.1	8.6	33.35	8.1	24.5	1.35
F13	13 Aug 2025	16	15.84	93.18	8.5	33.37	8.1	24.5	1.75
F13	13 Aug 2025	17	15.78	92.93	8.6	33.39	8.1	24.6	1.82
F13	13 Aug 2025	18	15.76	92.75	8.6	33.39	8.1	24.6	1.92
F13	13 Aug 2025	19	15.72	92.46	8.6	33.39	8.1	24.6	1.98
F13	13 Aug 2025	20	15.64	92.12	8.7	33.39	8.1	24.6	2.07
F13	13 Aug 2025	21	15.56	91.92	8.7	33.39	8.1	24.6	2.43
F13	13 Aug 2025	22	15.42	91.6	8.7	33.40	8.1	24.7	2.61
F13	13 Aug 2025	23	14.67	90.49	8.6	33.42	8.1	24.8	2.72
F13	13 Aug 2025	24	14.12	90.06	8.4	33.36	8.1	24.9	3.88
F13	13 Aug 2025	25	14.21	90.54	8.2	33.35	8.1	24.9	3.90
F13	13 Aug 2025	26	13.99	91.34	8.2	33.34	8.1	24.9	3.10
F13	13 Aug 2025	27	13.97	92.09	8.2	33.34	8.1	24.9	2.51
F13	13 Aug 2025	28	13.96	92.67	8.1	33.34	8.1	24.9	2.35
F13	13 Aug 2025	29	13.80	93.22	8.1	33.34	8.1	24.9	2.05
F13	13 Aug 2025	30	13.50	93.65	8.0	33.34	8.1	25.0	2.06
F13	13 Aug 2025	31	13.39	94.06	7.9	33.35	8.1	25.0	1.93
F13	13 Aug 2025	32	13.30	94.12	7.8	33.35	8.0	25.1	1.81
F13	13 Aug 2025	33	13.23	93.95	7.7	33.35	8.0	25.1	1.91
F13	13 Aug 2025	34	13.19	93.86	7.6	33.37	8.0	25.1	1.95
F13	13 Aug 2025	35	12.95	94.14	7.5	33.40	8.0	25.2	1.60
F13	13 Aug 2025	36	12.77	94.5	7.3	33.40	8.0	25.2	1.43
F13	13 Aug 2025	37	12.57	94.8	7.2	33.40	8.0	25.2	1.25
F13	13 Aug 2025	38	12.49	95.19	7.0	33.41	8.0	25.3	1.14
F13	13 Aug 2025	39	12.32	95.38	6.7	33.43	8.0	25.3	0.96

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F13	13 Aug 2025	40	12.30	93.9	6.4	33.43	7.9	25.3	0.92
F13	13 Aug 2025	41	12.33	92.81	6.4	33.43	7.9	25.3	0.95
F13	13 Aug 2025	42	12.28	92.62	6.3	33.43	7.9	25.3	0.88
F13	13 Aug 2025	43	12.29	92.59	6.2	33.43	7.9	25.3	0.89
F13	13 Aug 2025	44	12.28	92.5	6.2	33.43	7.9	25.3	0.91
F13	13 Aug 2025	45	12.29	92.45	6.2	33.43	7.9	25.3	0.90
F13	13 Aug 2025	46	12.29	92.49	6.2	33.44	7.9	25.3	0.89
F13	13 Aug 2025	47	12.29	92.2	6.2	33.44	7.9	25.3	0.90
F13	13 Aug 2025	48	12.29	92.15	6.2	33.44	7.9	25.3	0.89
F13	13 Aug 2025	49	12.28	92.21	6.2	33.43	7.9	25.3	0.91
F13	13 Aug 2025	50	12.28	92.04	6.2	33.43	7.9	25.3	0.86
F13	13 Aug 2025	51	12.28	92.09	6.2	33.44	7.9	25.3	0.92
F13	13 Aug 2025	52	12.28	92.25	6.2	33.44	7.9	25.3	0.88
F13	13 Aug 2025	53	12.28	92.16	6.1	33.44	7.9	25.3	0.87
F13	13 Aug 2025	54	12.28	91.84	6.1	33.44	7.9	25.3	0.88
F13	13 Aug 2025	55	12.28	91.76	6.1	33.44	7.9	25.3	0.93
F13	13 Aug 2025	56	12.28	91.87	6.1	33.43	7.9	25.3	0.88
F13	13 Aug 2025	57	12.28	91.85	6.1	33.44	7.9	25.3	0.90
F13	13 Aug 2025	58	12.28	91.42	6.1	33.44	7.9	25.3	0.88
F13	13 Aug 2025	59	12.28	91.11	6.1	33.44	7.9	25.3	0.89
F13	13 Aug 2025	60	12.27	90.68	6.0	33.44	7.9	25.3	0.90
F13	13 Aug 2025	61	12.27	89.71	6.0	33.44	7.9	25.3	0.91
F36	12 Aug 2025	1	21.33	93.64	7.6	33.56	8.1	23.3	0.36
F36	12 Aug 2025	2	21.33	93.71	7.6	33.56	8.1	23.3	0.36
F36	12 Aug 2025	3	21.33	93.78	7.6	33.56	8.1	23.3	0.36
F36	12 Aug 2025	4	21.26	93.81	7.6	33.56	8.1	23.3	0.37
F36	12 Aug 2025	5	20.86	93.91	7.6	33.53	8.1	23.4	0.36
F36	12 Aug 2025	6	20.29	93.98	7.7	33.50	8.1	23.5	0.33
F36	12 Aug 2025	7	20.14	94.11	7.8	33.48	8.1	23.6	0.35
F36	12 Aug 2025	8	19.55	94.2	7.8	33.51	8.1	23.7	0.34
F36	12 Aug 2025	9	19.02	94.31	8.0	33.51	8.1	23.9	0.29
F36	12 Aug 2025	10	18.66	94.59	8.1	33.48	8.1	23.9	0.28
F36	12 Aug 2025	11	18.40	94.83	8.1	33.44	8.1	24.0	0.27
F36	12 Aug 2025	12	18.36	94.91	8.2	33.43	8.1	24.0	0.27
F36	12 Aug 2025	13	18.48	94.96	8.1	33.50	8.1	24.0	0.28
F36	12 Aug 2025	14	18.46	94.91	8.1	33.53	8.2	24.0	0.28
F36	12 Aug 2025	15	18.30	94.82	8.1	33.51	8.1	24.1	0.28
F36	12 Aug 2025	16	17.99	94.85	8.2	33.47	8.1	24.1	0.31
F36	12 Aug 2025	17	17.58	94.83	8.2	33.42	8.1	24.2	0.33
F36	12 Aug 2025	18	16.83	94.85	8.4	33.31	8.1	24.3	0.36
F36	12 Aug 2025	19	16.70	94.74	8.5	33.29	8.1	24.3	0.42
F36	12 Aug 2025	20	16.65	94.94	8.5	33.30	8.1	24.3	0.48
F36	12 Aug 2025	21	16.67	94.86	8.5	33.30	8.1	24.3	0.54
F36	12 Aug 2025	22	16.67	94.76	8.5	33.33	8.1	24.3	0.60
F36	12 Aug 2025	23	16.52	94.59	8.5	33.36	8.1	24.4	0.75
F36	12 Aug 2025	24	16.33	94.29	8.5	33.39	8.1	24.4	1.53
F36	12 Aug 2025	25	16.03	93.16	8.5	33.38	8.1	24.5	1.93
F36	12 Aug 2025	26	15.48	92.57	8.5	33.33	8.1	24.6	2.14
F36	12 Aug 2025	27	15.01	92.51	8.6	33.27	8.1	24.6	2.02
F36	12 Aug 2025	28	14.61	92.88	8.7	33.25	8.1	24.7	1.77
F36	12 Aug 2025	29	14.53	93.74	8.5	33.28	8.1	24.7	1.90
F36	12 Aug 2025	30	14.30	93.91	8.5	33.30	8.1	24.8	1.99
F36	12 Aug 2025	31	14.09	93.89	8.4	33.29	8.1	24.8	1.84
F36	12 Aug 2025	32	14.14	94.24	8.4	33.29	8.1	24.8	1.80
F36	12 Aug 2025	33	14.01	94.35	8.2	33.32	8.1	24.9	1.83
F36	12 Aug 2025	34	13.79	94.39	8.1	33.35	8.1	25.0	1.83
F36	12 Aug 2025	35	13.71	94.5	8.1	33.35	8.0	25.0	1.75
F36	12 Aug 2025	36	13.82	94.58	8.0	33.34	8.0	24.9	1.77
F36	12 Aug 2025	37	13.55	94.7	8.0	33.34	8.0	25.0	1.72
F36	12 Aug 2025	38	13.43	94.81	7.9	33.34	8.0	25.0	1.66

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F36	12 Aug 2025	39	13.28	94.85	7.8	33.35	8.0	25.1	1.60
F36	12 Aug 2025	40	13.22	95.09	7.8	33.36	8.0	25.1	1.50
F36	12 Aug 2025	41	13.15	95.33	7.7	33.36	8.0	25.1	1.38
F36	12 Aug 2025	42	13.12	95.49	7.7	33.36	8.0	25.1	1.31
F36	12 Aug 2025	43	13.10	95.56	7.6	33.36	8.0	25.1	1.29
F36	12 Aug 2025	44	13.06	95.61	7.6	33.37	8.0	25.1	1.29
F36	12 Aug 2025	45	13.01	95.67	7.6	33.37	8.0	25.1	1.21
F36	12 Aug 2025	46	12.87	95.86	7.5	33.39	8.0	25.2	1.17
F36	12 Aug 2025	47	12.75	95.89	7.3	33.40	8.0	25.2	1.03
F36	12 Aug 2025	48	12.68	96.06	7.3	33.41	8.0	25.2	0.88
F36	12 Aug 2025	49	12.68	96.2	7.2	33.41	8.0	25.2	0.87
F36	12 Aug 2025	50	12.64	96.2	7.2	33.41	8.0	25.2	0.92
F36	12 Aug 2025	51	12.53	96.31	7.1	33.42	8.0	25.3	0.78
F36	12 Aug 2025	52	12.51	96.59	7.1	33.42	8.0	25.3	0.69
F36	12 Aug 2025	53	12.51	96.68	7.0	33.42	8.0	25.3	0.69
F36	12 Aug 2025	54	12.46	96.74	7.0	33.43	7.9	25.3	0.68
F36	12 Aug 2025	55	12.33	96.75	6.9	33.44	7.9	25.3	0.58
F36	12 Aug 2025	56	12.25	96.94	6.8	33.44	7.9	25.3	0.52
F36	12 Aug 2025	57	12.10	97.02	6.8	33.44	7.9	25.4	0.50
F36	12 Aug 2025	58	11.99	97.03	6.7	33.44	7.9	25.4	0.45
F36	12 Aug 2025	59	12.01	97.14	6.7	33.43	7.9	25.4	0.43
F36	12 Aug 2025	60	11.96	97.19	6.7	33.44	7.9	25.4	0.46
F36	12 Aug 2025	61	11.75	97.22	6.6	33.45	7.9	25.4	0.43
F36	12 Aug 2025	62	11.63	97.2	6.5	33.46	7.9	25.5	0.38
F36	12 Aug 2025	63	11.59	97.3	6.4	33.46	7.9	25.5	0.37
F36	12 Aug 2025	64	11.57	97.35	6.4	33.46	7.9	25.5	0.37
F36	12 Aug 2025	65	11.55	97.4	6.4	33.46	7.9	25.5	0.37
F36	12 Aug 2025	66	11.51	97.38	6.4	33.46	7.9	25.5	0.35
F36	12 Aug 2025	67	11.46	97.36	6.3	33.47	7.9	25.5	0.35
F36	12 Aug 2025	68	11.45	97.43	6.3	33.47	7.9	25.5	0.48
F36	12 Aug 2025	69	11.41	97.44	6.2	33.47	7.9	25.5	0.34
F36	12 Aug 2025	70	11.38	97.46	6.2	33.48	7.9	25.5	0.32
F36	12 Aug 2025	71	11.36	97.45	6.2	33.48	7.9	25.5	0.33
F36	12 Aug 2025	72	11.34	97.43	6.2	33.48	7.9	25.5	0.33
F36	12 Aug 2025	73	11.29	97.47	6.2	33.48	7.8	25.5	0.31
F36	12 Aug 2025	74	11.24	97.49	6.1	33.49	7.8	25.6	0.32
F36	12 Aug 2025	75	11.22	97.5	6.1	33.49	7.8	25.6	0.30
F36	12 Aug 2025	76	11.18	97.51	6.0	33.49	7.8	25.6	0.30
F36	12 Aug 2025	77	11.09	97.52	6.0	33.51	7.8	25.6	0.29
F36	12 Aug 2025	78	11.01	97.52	6.0	33.52	7.8	25.6	0.27
F36	12 Aug 2025	79	10.98	97.56	5.8	33.53	7.8	25.6	0.26
F36	12 Aug 2025	80	10.85	97.6	5.7	33.57	7.8	25.7	0.24
F36	12 Aug 2025	81	10.73	97.55	5.5	33.60	7.8	25.7	0.20
F36	12 Aug 2025	82	10.75	97.44	5.3	33.62	7.8	25.7	0.18
F36	12 Aug 2025	83	10.76	97.28	5.1	33.63	7.8	25.8	0.17
F36	12 Aug 2025	84	10.77	97.17	5.0	33.64	7.8	25.8	0.17
F36	12 Aug 2025	85	10.76	97.12	4.9	33.65	7.8	25.8	0.16
F36	12 Aug 2025	86	10.76	97.06	4.9	33.65	7.8	25.8	0.17
F36	12 Aug 2025	87	10.76	97.05	4.8	33.66	7.8	25.8	0.16
F36	12 Aug 2025	88	10.80	96.99	4.6	33.70	7.7	25.8	0.15
F36	12 Aug 2025	89	10.78	96.57	4.3	33.73	7.7	25.8	0.13
F36	12 Aug 2025	90	10.77	96.14	4.2	33.74	7.7	25.8	0.12
F36	12 Aug 2025	91	10.71	96.23	4.1	33.76	7.7	25.9	0.11
F36	12 Aug 2025	92	10.66	96.39	4.1	33.78	7.7	25.9	0.10
F36	12 Aug 2025	93	10.63	96.62	4.0	33.79	7.7	25.9	0.10
F36	12 Aug 2025	94	10.61	96.76	4.1	33.79	7.7	25.9	0.10
F36	12 Aug 2025	95	10.54	96.89	4.1	33.79	7.7	25.9	0.09
F36	12 Aug 2025	96	10.55	97.04	4.0	33.81	7.7	25.9	0.08
F36	12 Aug 2025	97	10.57	96.72	3.9	33.81	7.7	25.9	0.09
F36	12 Aug 2025	98	10.56	96.52	3.9	33.82	7.7	25.9	0.09
F36	12 Aug 2025	99	10.57	96.33	3.8	33.82	7.7	25.9	0.08

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F36	12 Aug 2025	100	10.57	95.88	3.8	33.82	7.7	25.9	0.10
F25	14 Aug 2025	1	21.33	94.45	7.5	33.61	8.2	23.3	0.38
F25	14 Aug 2025	2	21.33	94.43	7.6	33.62	8.2	23.3	0.38
F25	14 Aug 2025	3	21.33	94.6	7.5	33.62	8.2	23.3	0.39
F25	14 Aug 2025	4	21.13	94.53	7.5	33.61	8.2	23.4	0.36
F25	14 Aug 2025	5	20.60	94.41	7.6	33.54	8.1	23.5	0.35
F25	14 Aug 2025	6	20.30	94.61	7.5	33.57	8.1	23.6	0.37
F25	14 Aug 2025	7	19.28	94.75	7.7	33.45	8.1	23.8	0.37
F25	14 Aug 2025	8	18.93	95.05	7.8	33.43	8.1	23.8	0.27
F25	14 Aug 2025	9	18.77	95.34	7.8	33.41	8.1	23.9	0.26
F25	14 Aug 2025	10	18.39	95.22	7.9	33.41	8.1	24.0	0.29
F25	14 Aug 2025	11	18.34	95.58	7.9	33.40	8.1	24.0	0.29
F25	14 Aug 2025	12	18.01	95.61	8.0	33.40	8.1	24.0	0.33
F25	14 Aug 2025	13	17.77	95.43	8.1	33.37	8.1	24.1	0.38
F25	14 Aug 2025	14	17.64	95.21	8.1	33.36	8.1	24.1	0.41
F25	14 Aug 2025	15	17.37	95.21	8.2	33.32	8.1	24.1	0.43
F25	14 Aug 2025	16	17.28	95.25	8.2	33.32	8.1	24.2	0.43
F25	14 Aug 2025	17	16.70	95.29	8.3	33.28	8.1	24.3	0.44
F25	14 Aug 2025	18	16.43	95.39	8.5	33.25	8.1	24.3	0.45
F25	14 Aug 2025	19	16.42	95.4	8.5	33.25	8.1	24.3	0.47
F25	14 Aug 2025	20	16.39	95.39	8.5	33.24	8.1	24.3	0.48
F25	14 Aug 2025	21	16.38	95.39	8.5	33.24	8.1	24.3	0.49
F25	14 Aug 2025	22	16.35	95.38	8.4	33.24	8.1	24.3	0.49
F25	14 Aug 2025	23	15.88	95.3	8.4	33.24	8.1	24.4	0.52
F25	14 Aug 2025	24	15.18	95.2	8.6	33.23	8.1	24.6	1.05
F25	14 Aug 2025	25	15.01	94.71	8.6	33.21	8.1	24.6	1.53
F25	14 Aug 2025	26	14.56	91.93	8.6	33.21	8.1	24.7	1.44
F25	14 Aug 2025	27	14.62	94.82	8.5	33.20	8.1	24.7	1.41
F25	14 Aug 2025	28	14.31	94.92	8.4	33.23	8.1	24.8	1.52
F25	14 Aug 2025	29	14.28	94.77	8.4	33.27	8.1	24.8	1.66
F25	14 Aug 2025	30	14.36	94.57	8.3	33.33	8.1	24.8	1.82
F25	14 Aug 2025	31	14.23	94.41	8.2	33.34	8.1	24.9	1.90
F25	14 Aug 2025	32	14.03	94.37	8.2	33.34	8.1	24.9	1.88
F25	14 Aug 2025	33	13.95	94.52	8.1	33.34	8.1	24.9	1.85
F25	14 Aug 2025	34	13.70	94.62	8.0	33.34	8.0	25.0	1.80
F25	14 Aug 2025	35	13.48	94.63	7.9	33.34	8.0	25.0	1.72
F25	14 Aug 2025	36	13.32	94.9	7.8	33.33	8.0	25.0	1.60
F25	14 Aug 2025	37	13.27	94.96	7.8	33.33	8.0	25.0	1.54
F25	14 Aug 2025	38	13.24	95.17	7.7	33.33	8.0	25.1	1.46
F25	14 Aug 2025	39	13.16	95.31	7.6	33.34	8.0	25.1	1.41
F25	14 Aug 2025	40	13.04	95.39	7.6	33.37	8.0	25.1	1.31
F25	14 Aug 2025	41	12.98	95.58	7.4	33.39	8.0	25.2	1.07
F25	14 Aug 2025	42	12.96	95.92	7.3	33.40	8.0	25.2	1.02
F25	14 Aug 2025	43	12.93	96.04	7.3	33.40	8.0	25.2	0.98
F25	14 Aug 2025	44	12.94	96.13	7.3	33.40	8.0	25.2	0.99
F25	14 Aug 2025	45	12.90	96.28	7.3	33.41	8.0	25.2	1.09
F25	14 Aug 2025	46	12.87	96.31	7.2	33.41	8.0	25.2	0.95
F25	14 Aug 2025	47	12.84	96.32	7.2	33.41	8.0	25.2	0.79
F25	14 Aug 2025	48	12.82	96.4	7.2	33.41	8.0	25.2	0.82
F25	14 Aug 2025	49	12.76	96.4	7.1	33.42	8.0	25.2	0.84
F25	14 Aug 2025	50	12.63	96.51	7.0	33.42	8.0	25.2	0.70
F25	14 Aug 2025	51	12.59	96.66	7.0	33.42	8.0	25.2	0.66
F25	14 Aug 2025	52	12.58	96.7	7.0	33.42	8.0	25.3	0.66
F25	14 Aug 2025	53	12.58	96.71	7.0	33.42	8.0	25.3	0.68
F25	14 Aug 2025	54	12.57	96.72	7.0	33.42	7.9	25.3	0.64
F25	14 Aug 2025	55	12.53	96.76	6.9	33.43	7.9	25.3	0.65
F25	14 Aug 2025	56	12.46	96.78	6.9	33.43	7.9	25.3	0.65
F25	14 Aug 2025	57	12.37	96.79	6.8	33.43	7.9	25.3	0.65
F25	14 Aug 2025	58	12.28	96.77	6.7	33.44	7.9	25.3	0.65
F25	14 Aug 2025	59	12.21	96.78	6.7	33.44	7.9	25.3	0.67

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F25	14 Aug 2025	60	12.13	96.78	6.6	33.44	7.9	25.4	0.65
F25	14 Aug 2025	61	11.99	96.74	6.4	33.47	7.9	25.4	0.64
F25	14 Aug 2025	62	11.78	96.63	6.1	33.49	7.9	25.5	0.61
F25	14 Aug 2025	63	11.66	96.5	5.9	33.50	7.8	25.5	0.52
F25	14 Aug 2025	64	11.60	96.03	5.7	33.50	7.8	25.5	0.46
F25	14 Aug 2025	65	11.57	95.73	5.6	33.51	7.8	25.5	0.44
F25	14 Aug 2025	66	11.54	95.57	5.6	33.51	7.8	25.5	0.41
F25	14 Aug 2025	67	11.54	95.35	5.5	33.51	7.8	25.5	0.40
F25	14 Aug 2025	68	11.54	95.32	5.5	33.51	7.8	25.5	0.41
F25	14 Aug 2025	69	11.54	95.28	5.5	33.51	7.8	25.5	0.40
F25	14 Aug 2025	70	11.53	95.3	5.5	33.51	7.8	25.5	0.40
F25	14 Aug 2025	71	11.53	95.29	5.5	33.51	7.8	25.5	0.40
F25	14 Aug 2025	72	11.52	95.23	5.5	33.51	7.8	25.5	0.40
F25	14 Aug 2025	73	11.52	95.31	5.4	33.51	7.8	25.5	0.40
F25	14 Aug 2025	74	11.50	95.35	5.4	33.51	7.8	25.5	0.38
F25	14 Aug 2025	75	11.44	95.32	5.4	33.52	7.8	25.5	0.37
F25	14 Aug 2025	76	11.39	95.24	5.3	33.53	7.8	25.6	0.33
F25	14 Aug 2025	77	11.39	95.33	5.2	33.53	7.8	25.6	0.32
F25	14 Aug 2025	78	11.32	94.98	5.1	33.55	7.8	25.6	0.31
F25	14 Aug 2025	79	11.28	92.65	4.9	33.56	7.8	25.6	0.26
F25	14 Aug 2025	80	11.31	91.53	4.9	33.55	7.8	25.6	0.30
F14	13 Aug 2025	1	21.31	94.19	7.8	33.58	8.2	23.3	0.37
F14	13 Aug 2025	2	21.31	94.31	7.8	33.58	8.2	23.3	0.36
F14	13 Aug 2025	3	21.31	94.63	7.8	33.58	8.2	23.3	0.36
F14	13 Aug 2025	4	21.31	94.69	7.8	33.58	8.2	23.3	0.35
F14	13 Aug 2025	5	21.13	94.68	7.9	33.59	8.2	23.4	0.35
F14	13 Aug 2025	6	20.10	94.67	8.5	33.53	8.2	23.6	0.38
F14	13 Aug 2025	7	19.27	94.91	8.2	33.47	8.2	23.8	0.37
F14	13 Aug 2025	8	18.49	95.08	8.0	33.48	8.2	24.0	0.31
F14	13 Aug 2025	9	17.81	95.02	8.1	33.40	8.1	24.1	0.27
F14	13 Aug 2025	10	17.46	95.33	8.2	33.33	8.1	24.1	0.28
F14	13 Aug 2025	11	17.01	95.35	8.3	33.28	8.1	24.2	0.31
F14	13 Aug 2025	12	17.02	95.36	8.3	33.28	8.1	24.2	0.34
F14	13 Aug 2025	13	16.67	95.14	8.3	33.37	8.1	24.3	0.44
F14	13 Aug 2025	14	16.07	94.55	8.4	33.41	8.1	24.5	1.10
F14	13 Aug 2025	15	15.55	93.45	8.5	33.39	8.1	24.6	1.84
F14	13 Aug 2025	16	15.41	93.05	8.5	33.37	8.1	24.6	2.05
F14	13 Aug 2025	17	15.30	92.77	8.5	33.37	8.1	24.7	2.05
F14	13 Aug 2025	18	15.23	92.7	8.4	33.37	8.1	24.7	2.12
F14	13 Aug 2025	19	15.12	92.57	8.4	33.37	8.1	24.7	2.26
F14	13 Aug 2025	20	15.02	92.63	8.4	33.37	8.1	24.7	2.21
F14	13 Aug 2025	21	14.95	92.27	8.4	33.37	8.1	24.7	2.44
F14	13 Aug 2025	22	14.80	92	8.4	33.38	8.1	24.8	2.71
F14	13 Aug 2025	23	14.18	91.71	8.3	33.38	8.1	24.9	3.09
F14	13 Aug 2025	24	13.97	91.06	8.2	33.34	8.1	24.9	2.45
F14	13 Aug 2025	25	13.95	92.5	8.1	33.33	8.1	24.9	2.22
F14	13 Aug 2025	26	13.94	92.65	8.1	33.34	8.1	24.9	1.92
F14	13 Aug 2025	27	13.92	93.49	8.0	33.34	8.1	24.9	1.91
F14	13 Aug 2025	28	13.64	93.65	8.0	33.34	8.1	25.0	1.96
F14	13 Aug 2025	29	13.43	93.78	7.9	33.35	8.1	25.0	1.92
F14	13 Aug 2025	30	13.39	94.02	7.8	33.35	8.0	25.0	1.87
F14	13 Aug 2025	31	13.25	93.85	7.7	33.36	8.0	25.1	1.84
F14	13 Aug 2025	32	13.01	93.76	7.6	33.37	8.0	25.1	1.83
F14	13 Aug 2025	33	12.98	93.87	7.5	33.37	8.0	25.1	1.70
F14	13 Aug 2025	34	12.94	94.03	7.4	33.40	8.0	25.2	1.62
F14	13 Aug 2025	35	12.75	94.41	7.3	33.40	8.0	25.2	1.49
F14	13 Aug 2025	36	12.59	94.95	7.2	33.40	8.0	25.2	1.23
F14	13 Aug 2025	37	12.42	95.29	7.0	33.41	8.0	25.3	1.09
F14	13 Aug 2025	38	12.30	95.5	6.7	33.43	8.0	25.3	1.09
F14	13 Aug 2025	39	12.27	95.09	6.4	33.43	7.9	25.3	0.93

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F14	13 Aug 2025	40	12.27	93.85	6.2	33.43	7.9	25.3	0.91
F14	13 Aug 2025	41	12.27	92.4	6.2	33.44	7.9	25.3	0.95
F14	13 Aug 2025	42	12.27	92.43	6.2	33.44	7.9	25.3	0.91
F14	13 Aug 2025	43	12.27	92.43	6.2	33.43	7.9	25.3	0.89
F14	13 Aug 2025	44	12.27	92.33	6.1	33.44	7.9	25.3	0.95
F14	13 Aug 2025	45	12.27	92.21	6.1	33.44	7.9	25.3	0.92
F14	13 Aug 2025	46	12.27	92.25	6.1	33.44	7.9	25.3	0.90
F14	13 Aug 2025	47	12.27	92.31	6.1	33.44	7.9	25.3	0.89
F14	13 Aug 2025	48	12.27	92.32	6.1	33.44	7.9	25.3	0.89
F14	13 Aug 2025	49	12.27	92.32	6.1	33.44	7.9	25.3	0.92
F14	13 Aug 2025	50	12.28	92.25	6.1	33.44	7.9	25.3	0.95
F14	13 Aug 2025	51	12.27	92.16	6.1	33.44	7.9	25.3	0.93
F14	13 Aug 2025	52	12.28	92.06	6.1	33.44	7.9	25.3	0.89
F14	13 Aug 2025	53	12.28	92.1	6.1	33.44	7.9	25.3	0.92
F14	13 Aug 2025	54	12.28	92.15	6.1	33.44	7.9	25.3	0.90
F14	13 Aug 2025	55	12.27	91.91	6.1	33.44	7.9	25.3	0.90
F14	13 Aug 2025	56	12.27	91.68	6.1	33.44	7.9	25.3	0.89
F14	13 Aug 2025	57	12.27	91.57	6.1	33.44	7.9	25.3	0.92
F14	13 Aug 2025	58	12.26	91.34	6.0	33.44	7.9	25.3	0.90
F14	13 Aug 2025	59	12.25	90.85	6.0	33.44	7.9	25.3	0.90
F14	13 Aug 2025	60	12.26	89.75	6.0	33.44	7.9	25.3	1.02
F03	13 Aug 2025	1	21.56	93.17	8.4	33.61	8.2	23.3	0.62
F03	13 Aug 2025	2	21.56	93.25	8.4	33.61	8.2	23.3	0.64
F03	13 Aug 2025	3	21.55	93.4	8.4	33.61	8.2	23.3	0.67
F03	13 Aug 2025	4	21.16	93.32	8.5	33.59	8.2	23.4	0.69
F03	13 Aug 2025	5	20.94	93.09	8.5	33.58	8.2	23.4	0.72
F03	13 Aug 2025	6	20.30	92.89	8.6	33.58	8.2	23.6	0.86
F03	13 Aug 2025	7	20.18	92.59	8.6	33.55	8.2	23.6	0.89
F03	13 Aug 2025	8	18.98	92.6	8.9	33.54	8.2	23.9	0.90
F03	13 Aug 2025	9	17.98	92.61	9.2	33.49	8.2	24.1	1.43
F03	13 Aug 2025	10	17.56	90.89	9.2	33.46	8.2	24.2	2.05
F03	13 Aug 2025	11	17.37	89.73	9.1	33.47	8.2	24.2	2.23
F03	13 Aug 2025	12	16.86	89.45	9.1	33.44	8.2	24.4	2.26
F03	13 Aug 2025	13	16.66	88.94	9.1	33.44	8.2	24.4	2.40
F03	13 Aug 2025	14	16.47	88.58	9.1	33.43	8.2	24.4	2.45
F03	13 Aug 2025	15	16.16	88.19	8.9	33.43	8.2	24.5	2.65
F03	13 Aug 2025	16	15.25	87.31	8.7	33.42	8.1	24.7	2.55
F03	13 Aug 2025	17	14.61	85.99	8.3	33.40	8.1	24.8	2.39
F03	13 Aug 2025	18	14.25	84.26	8.0	33.38	8.1	24.9	1.81
F03	13 Aug 2025	19	14.23	82.82	7.9	33.38	8.1	24.9	1.76
F03	13 Aug 2025	20	14.24	80.27	7.8	33.38	8.1	24.9	1.78

NA = not available

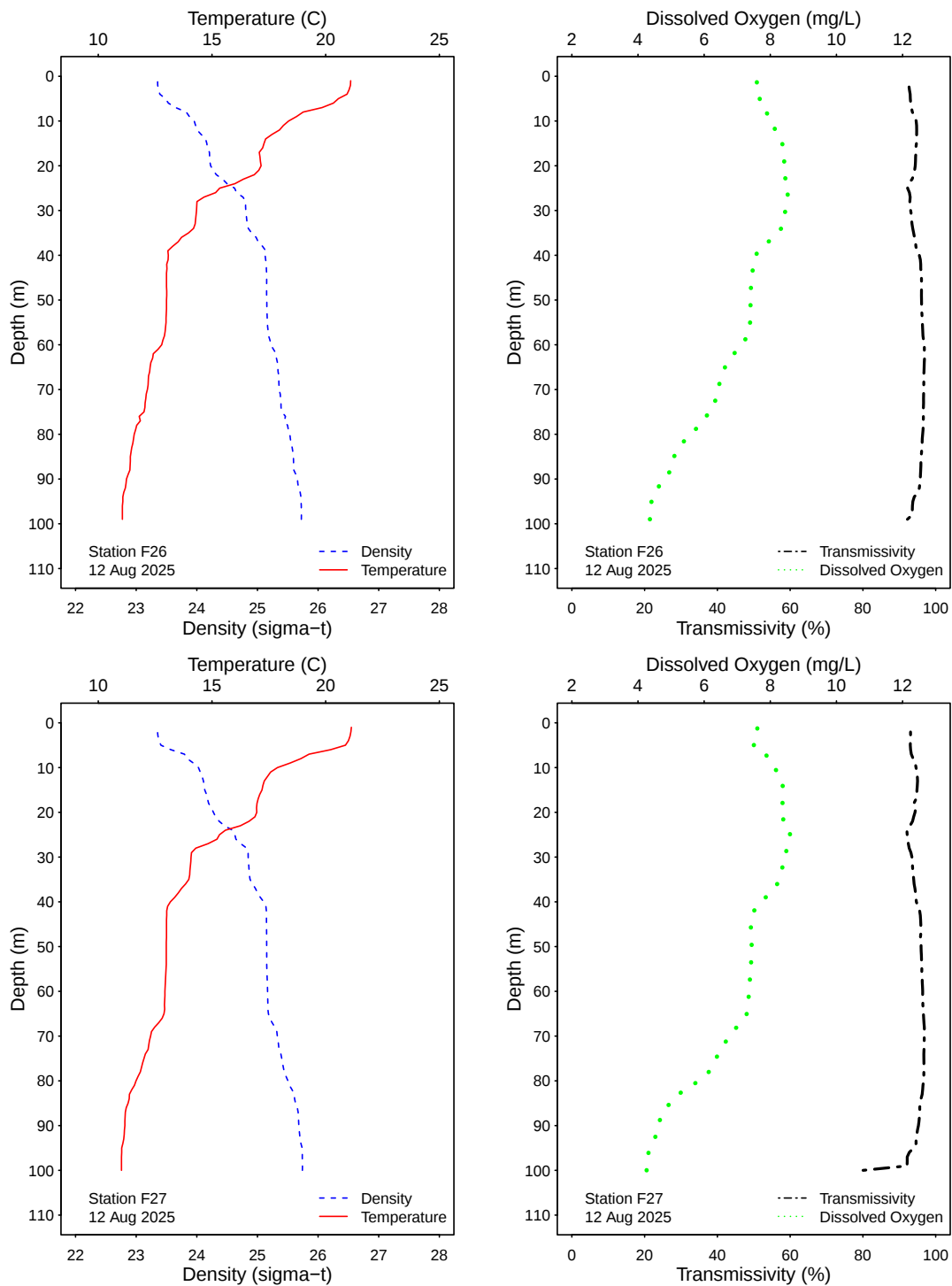


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

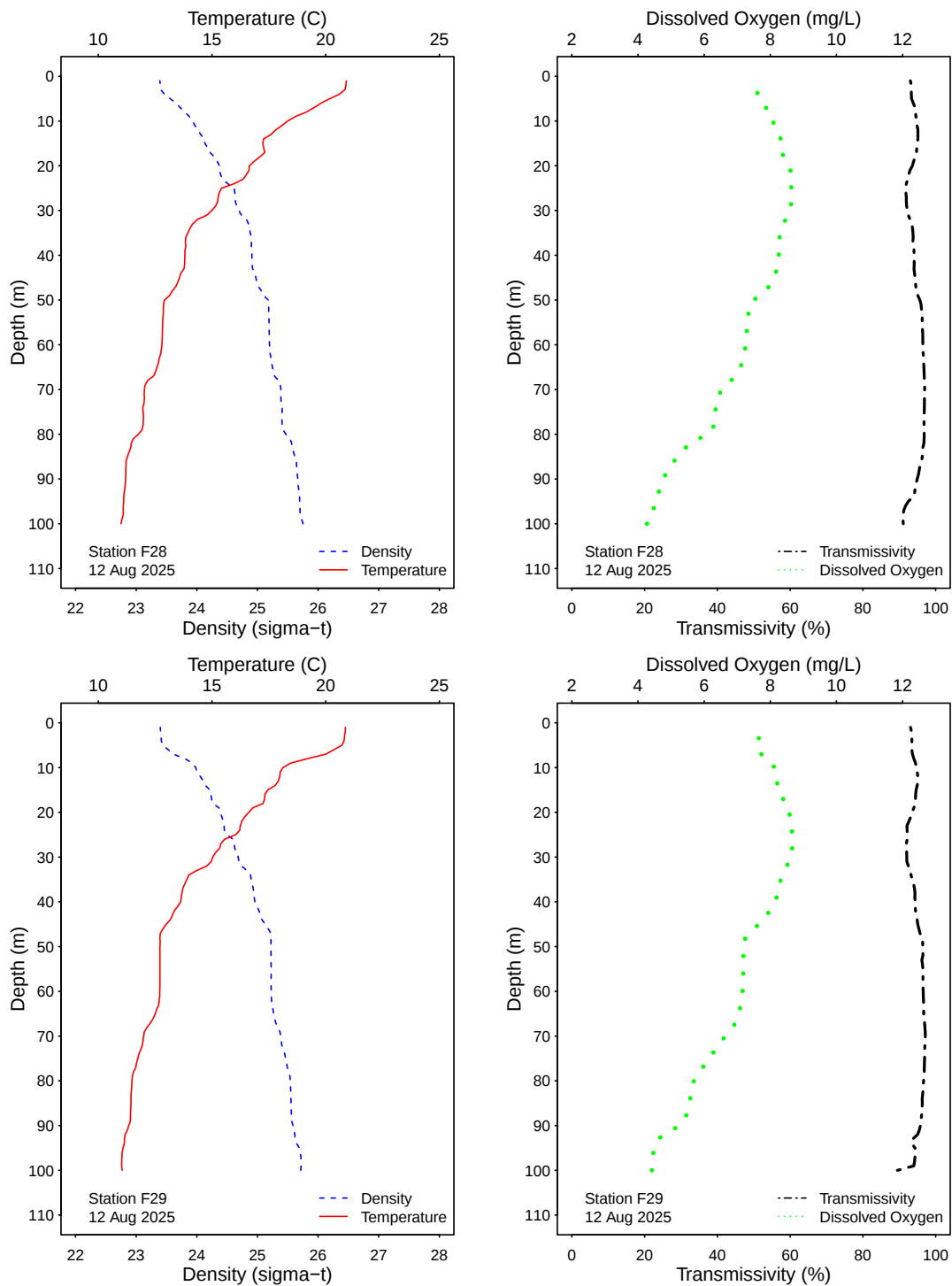


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

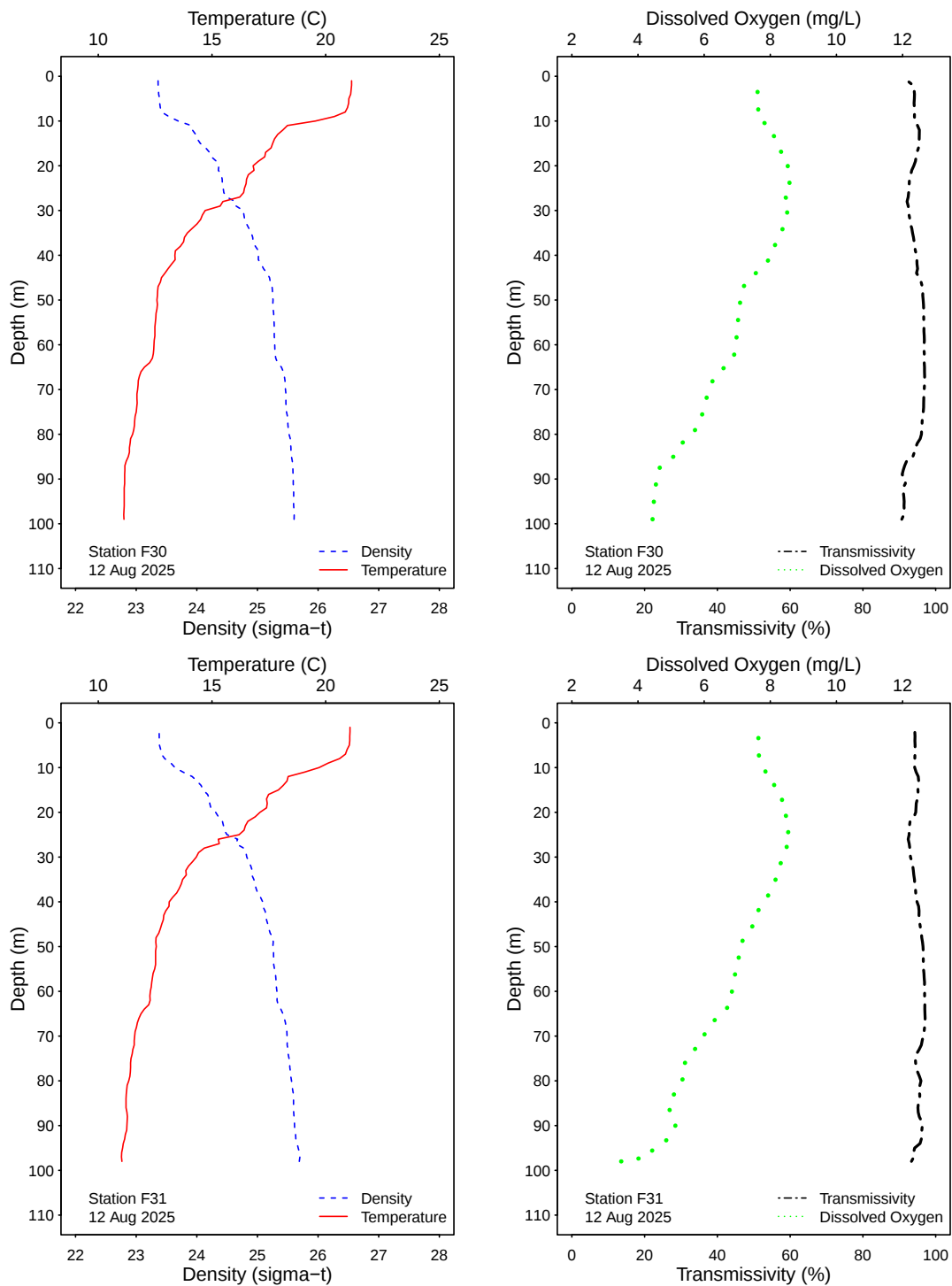


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

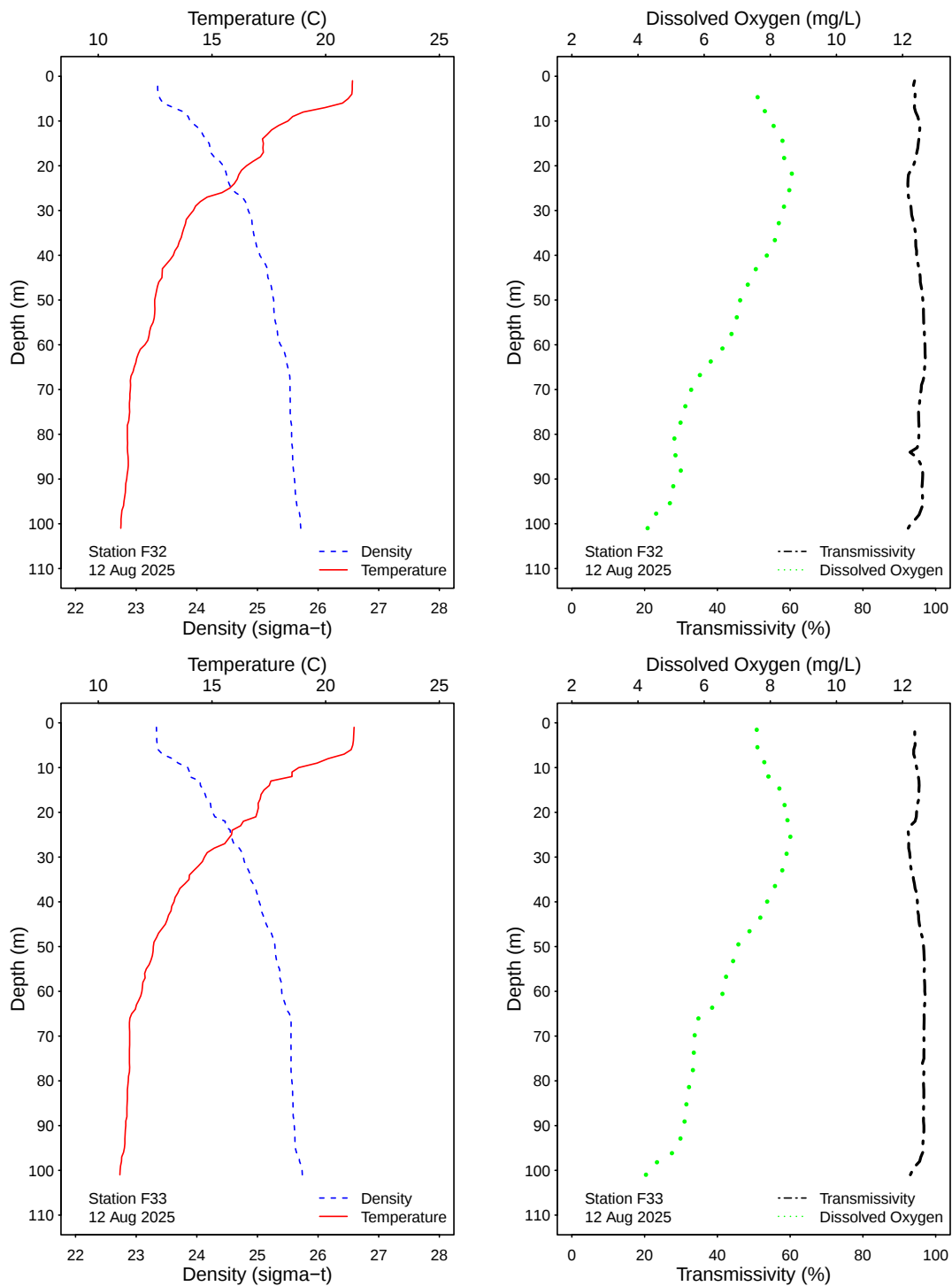


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

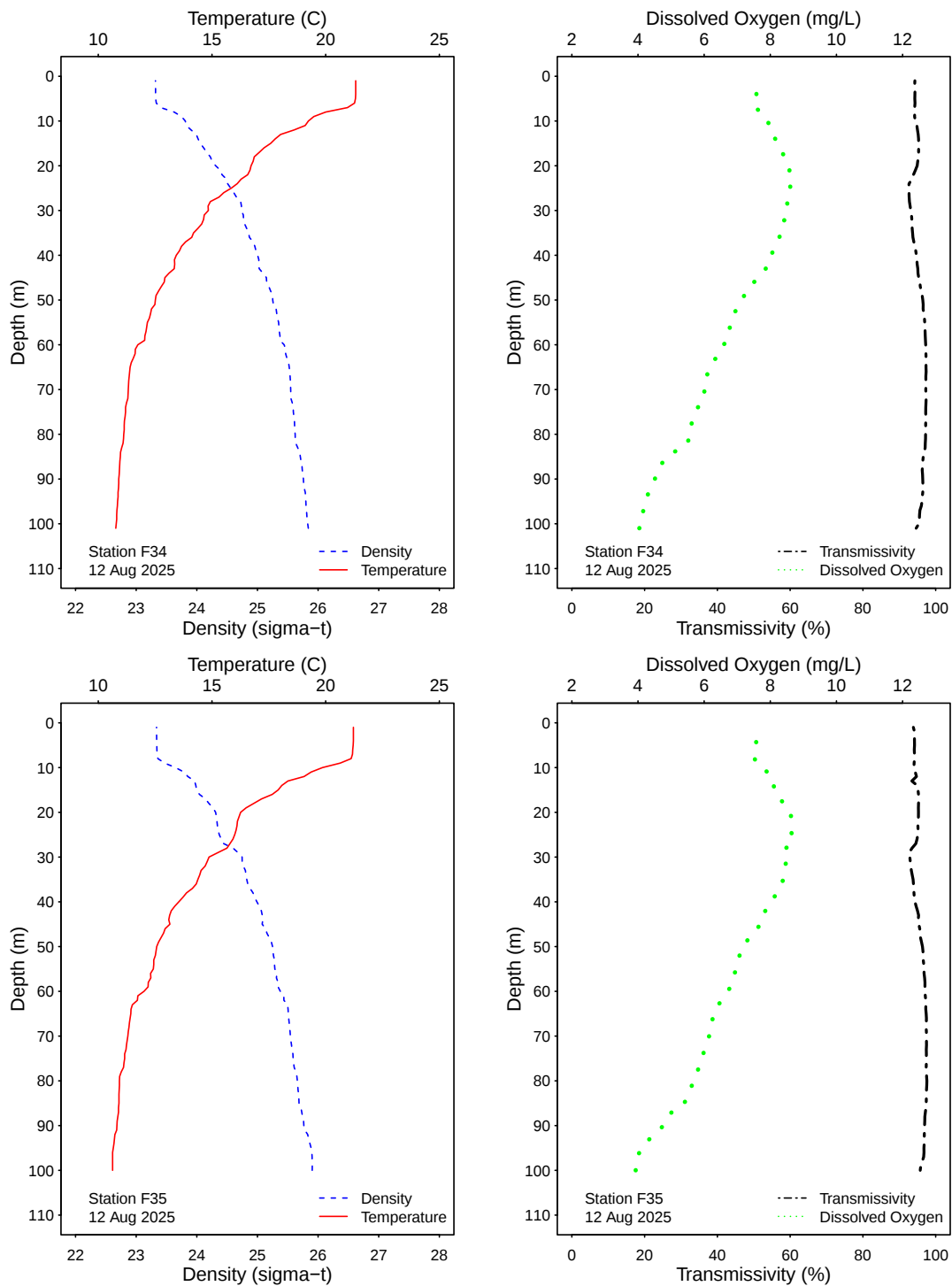


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

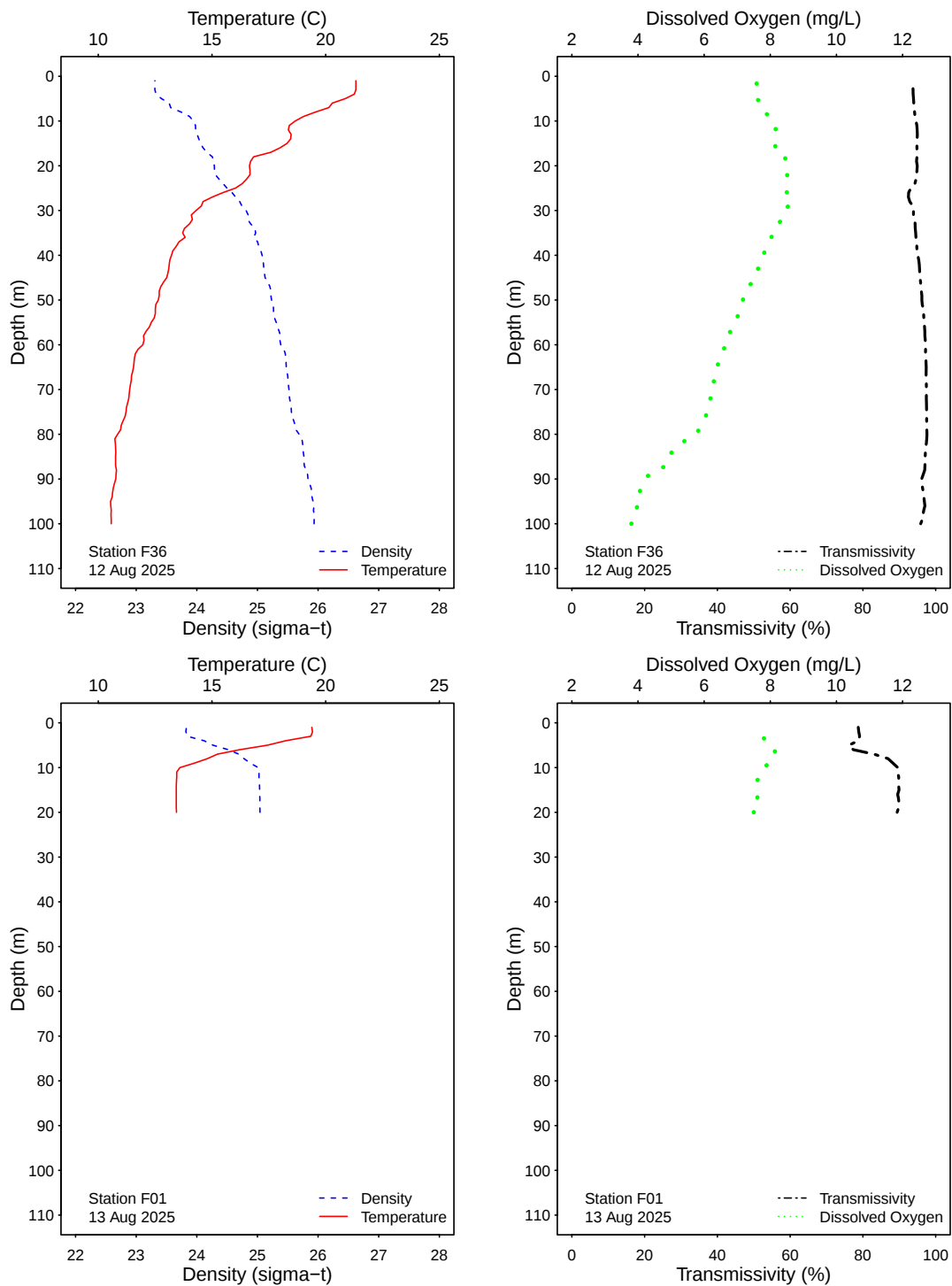


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

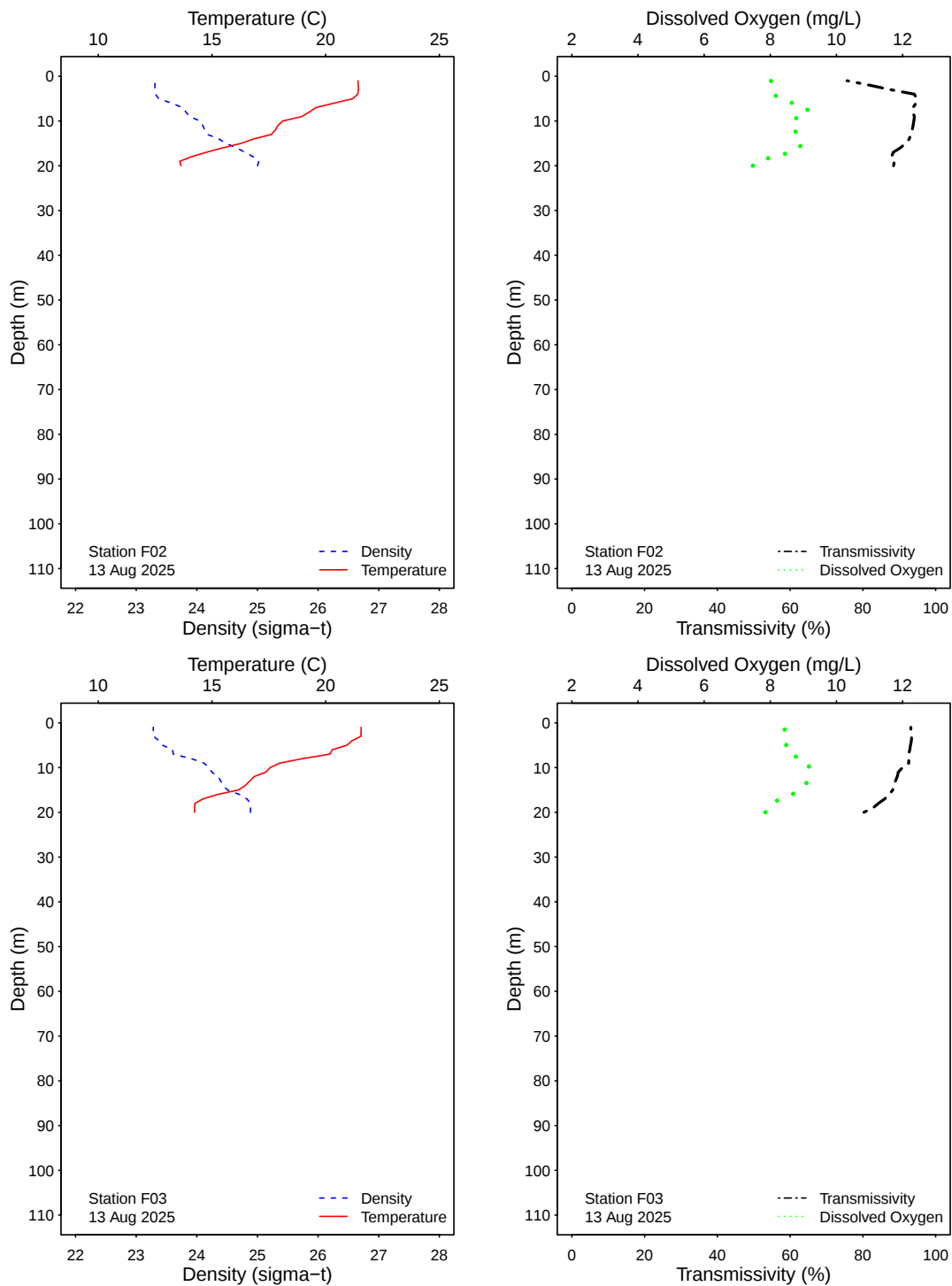


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

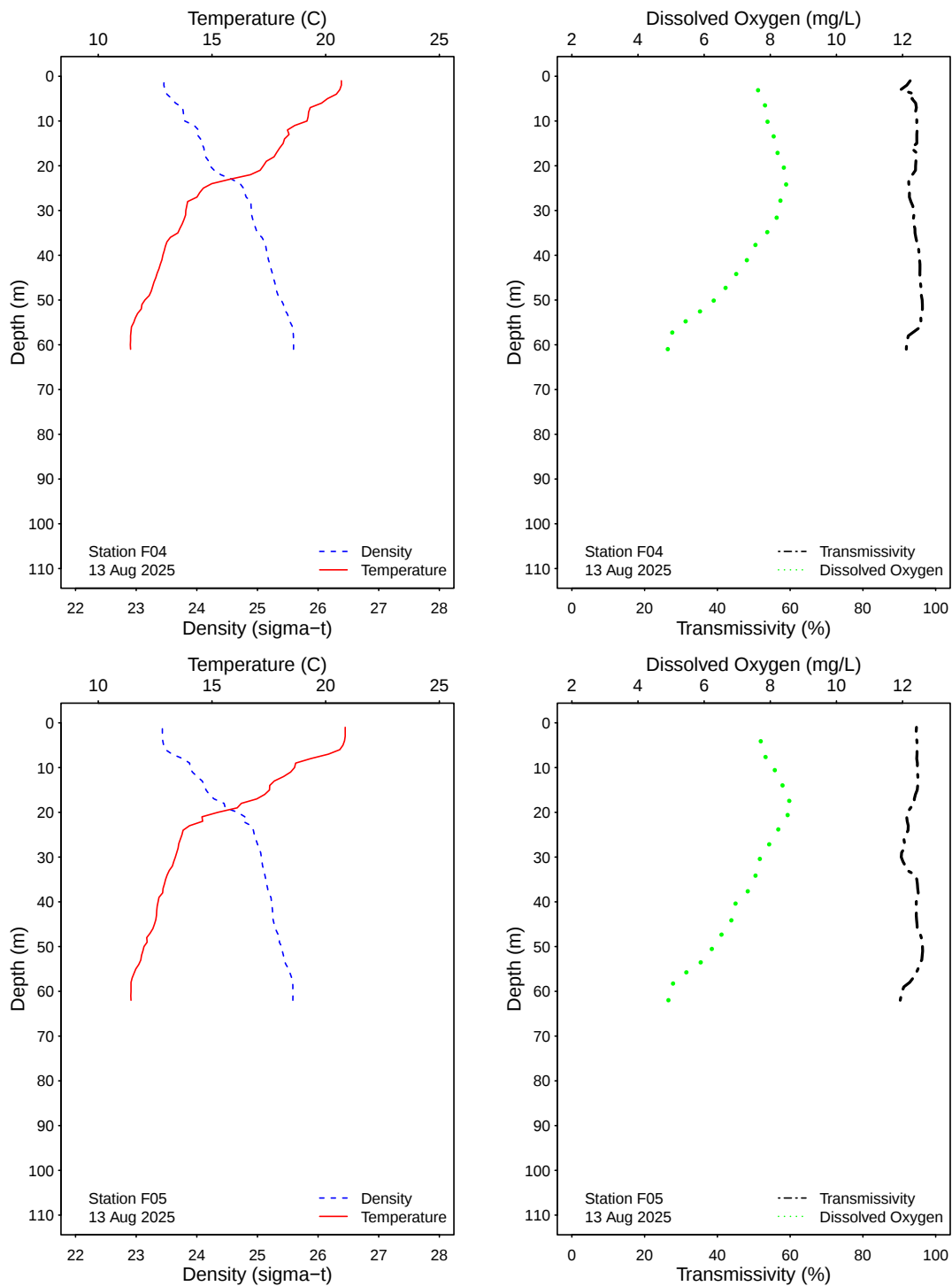


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

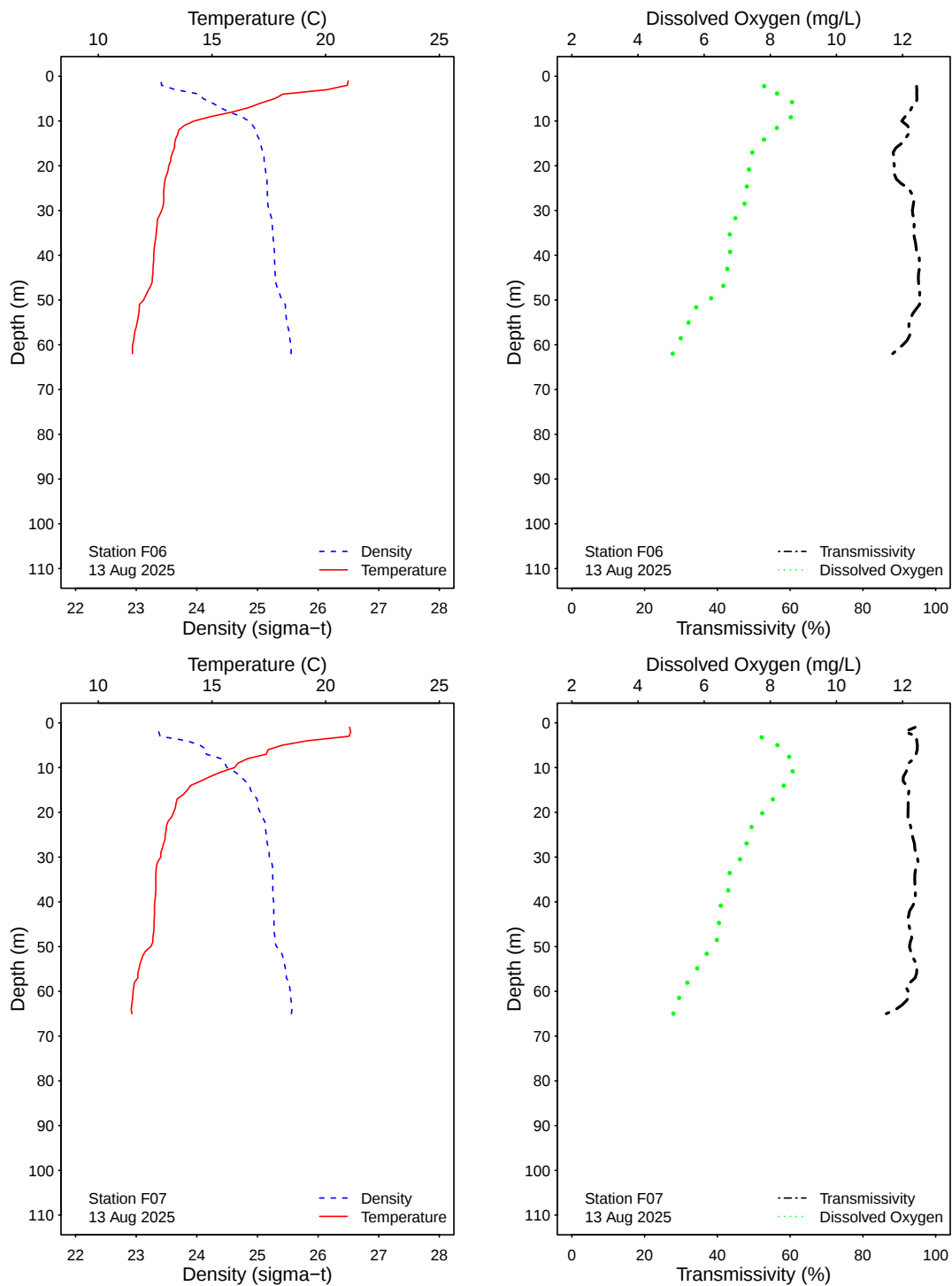


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

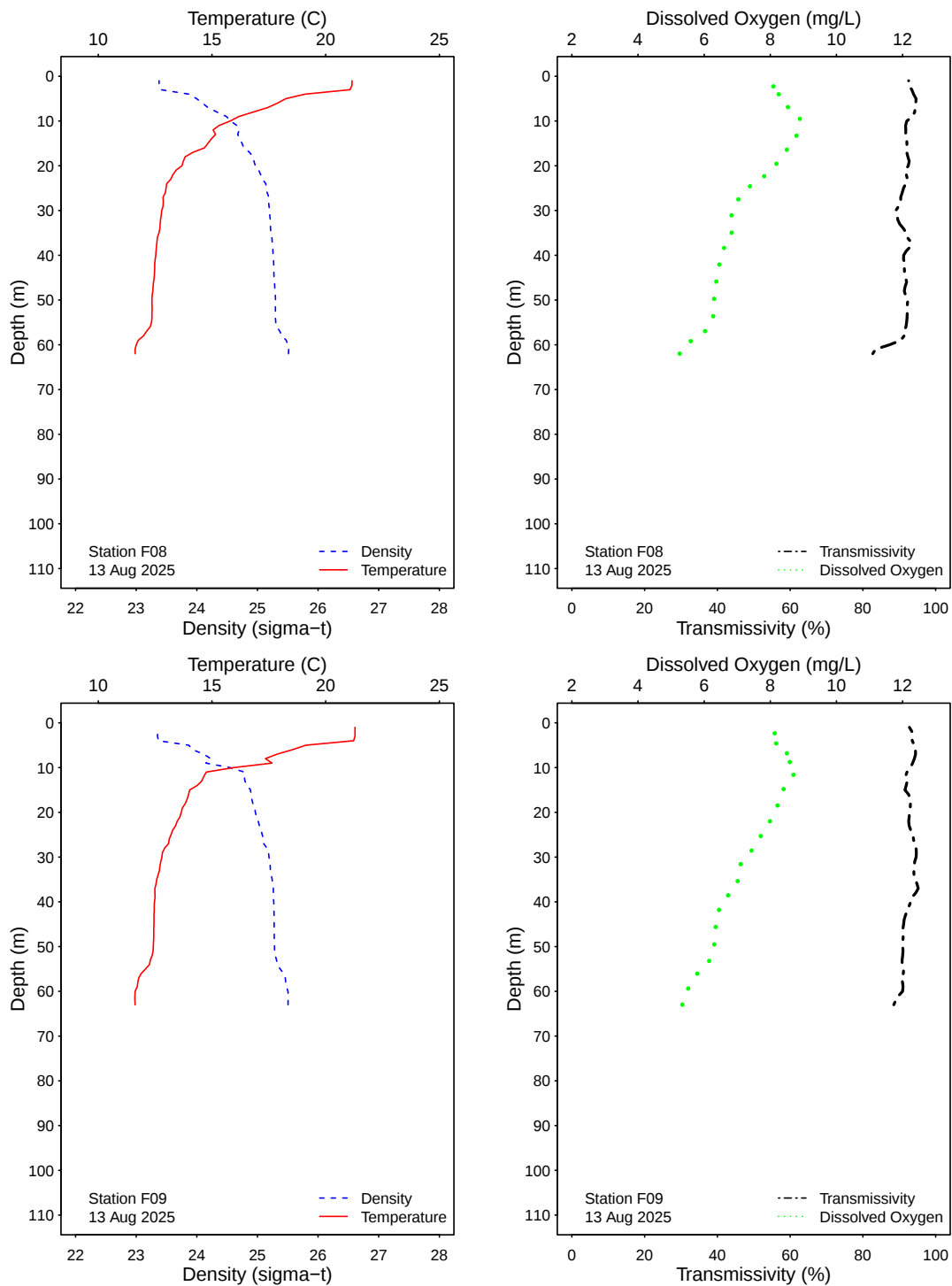


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

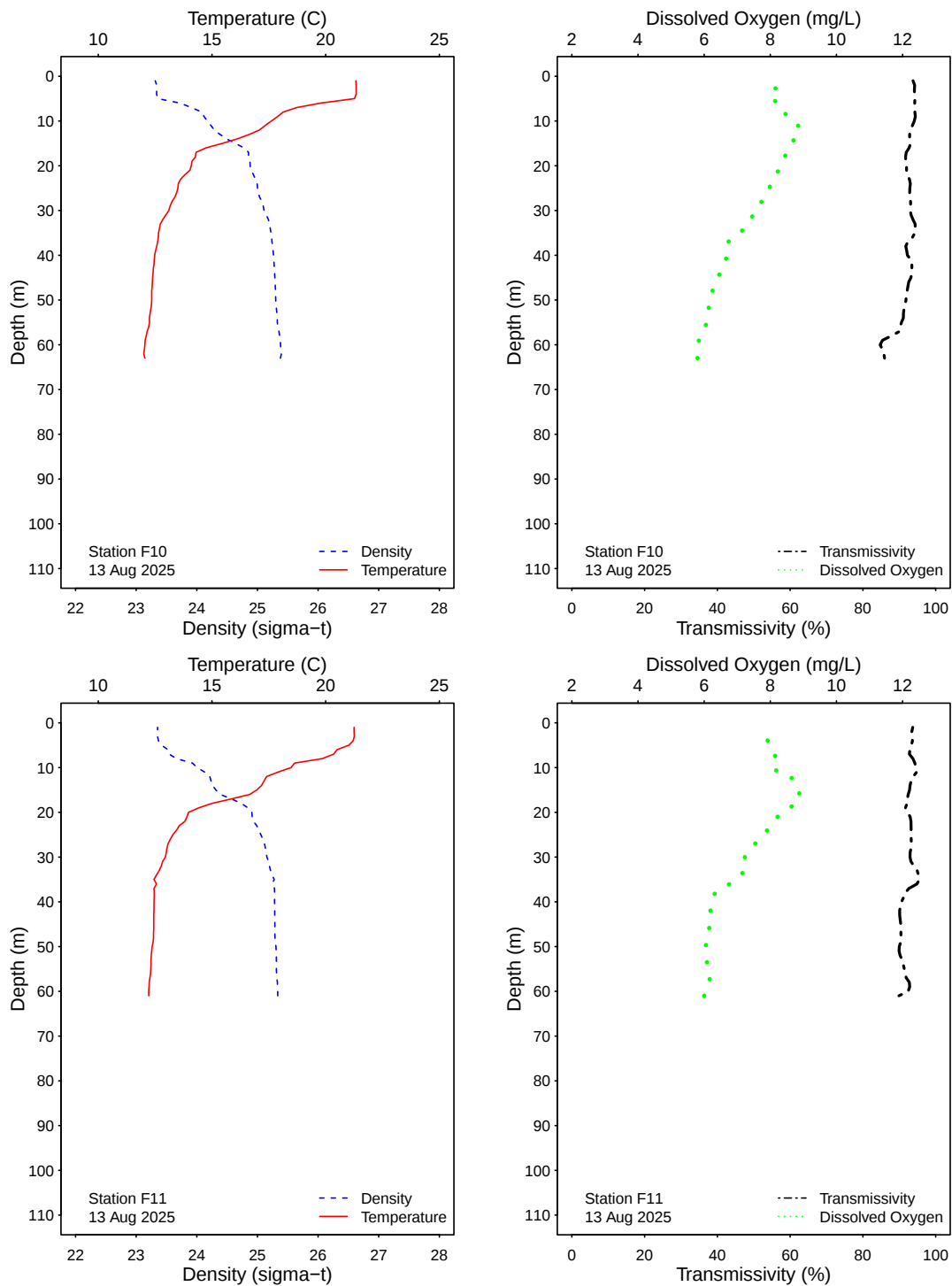


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

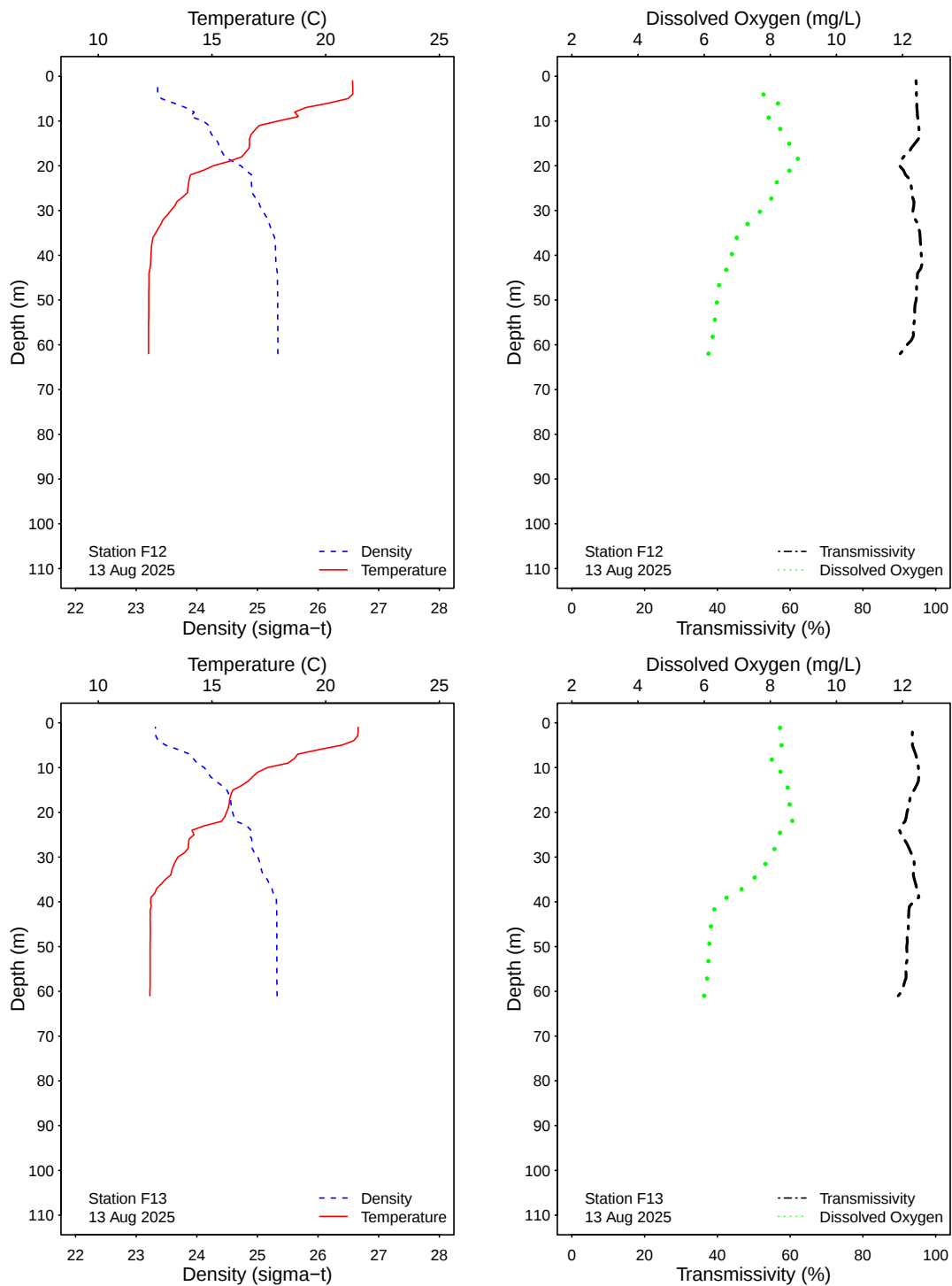


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

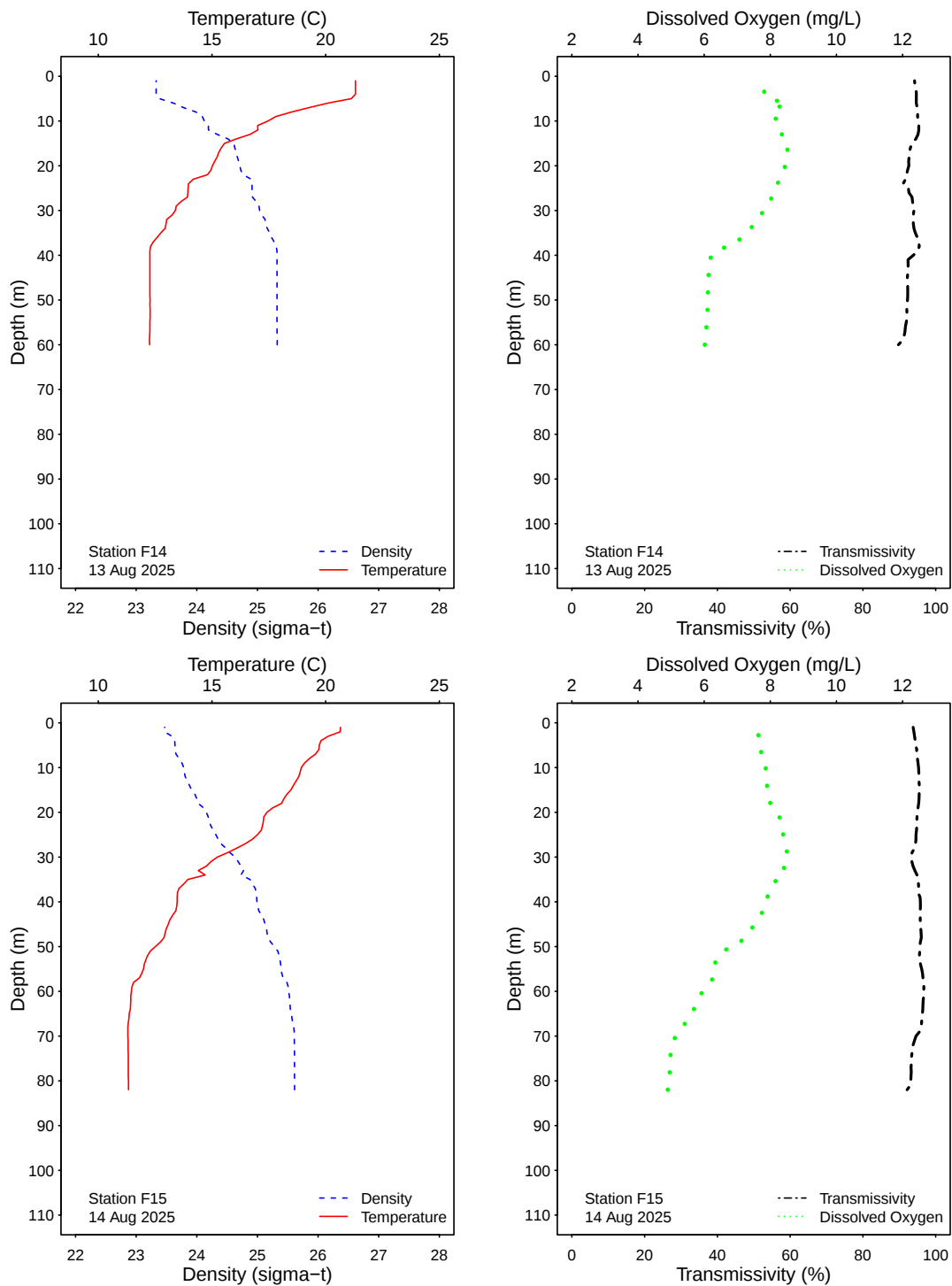


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

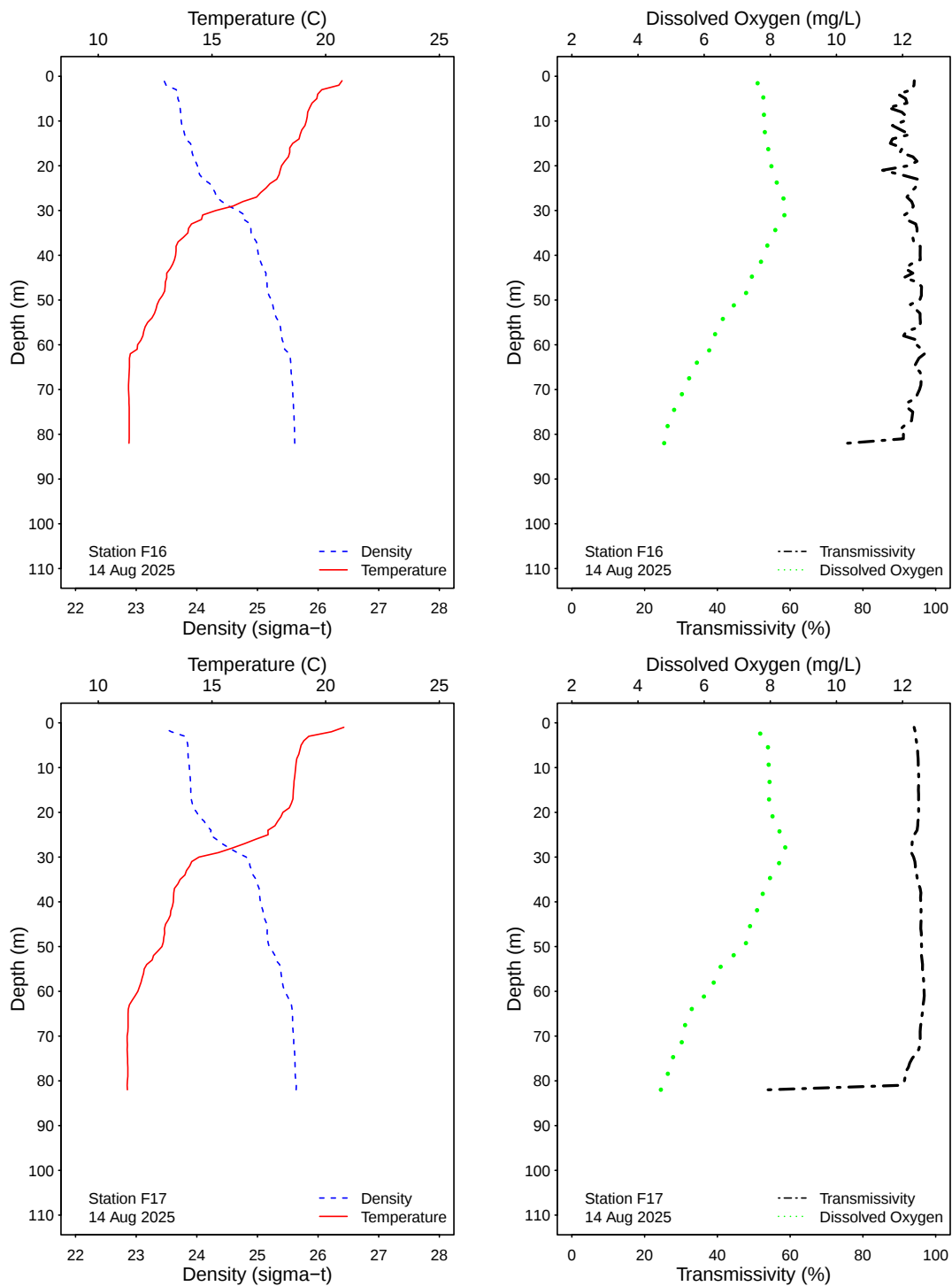


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

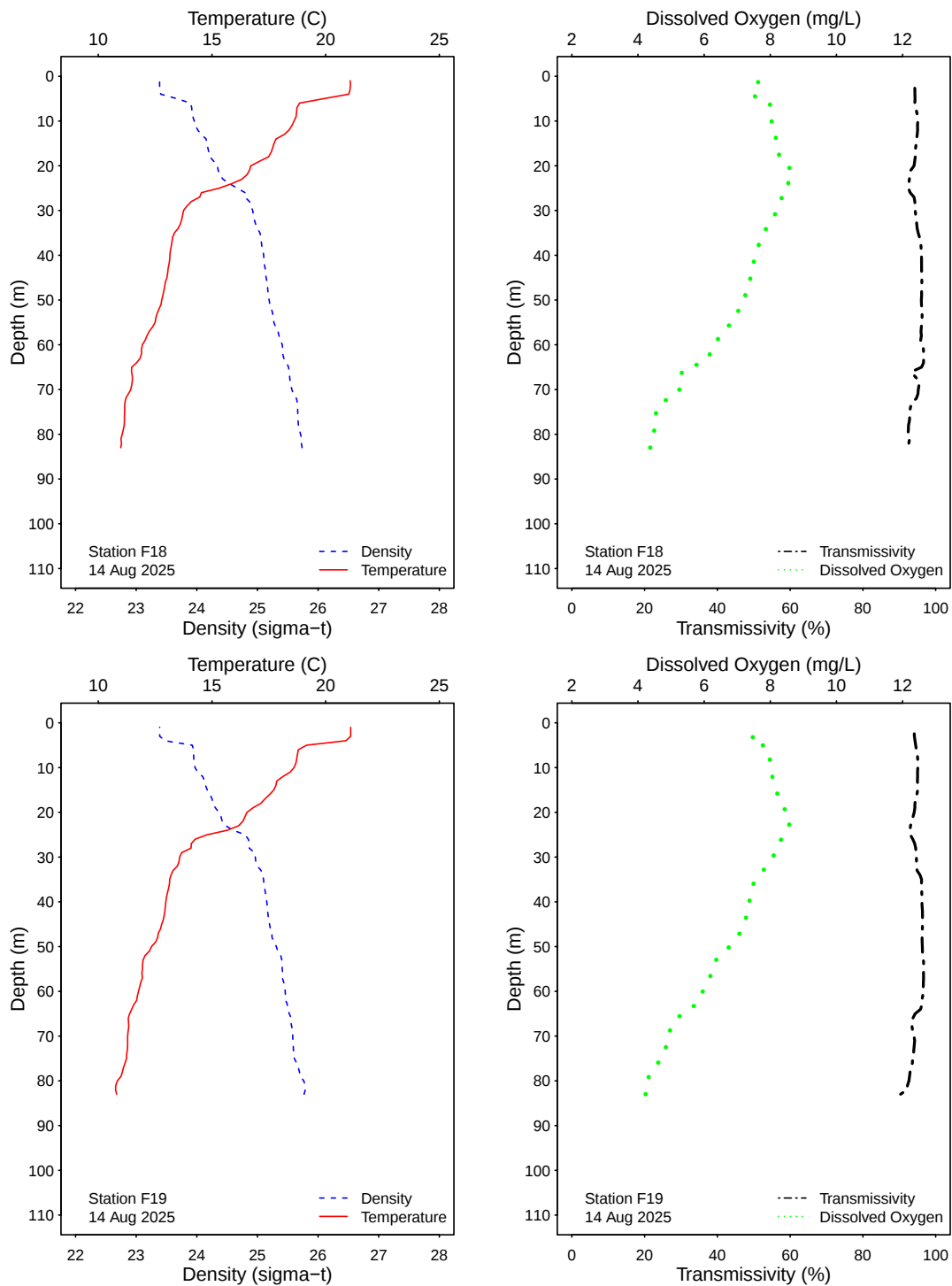


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

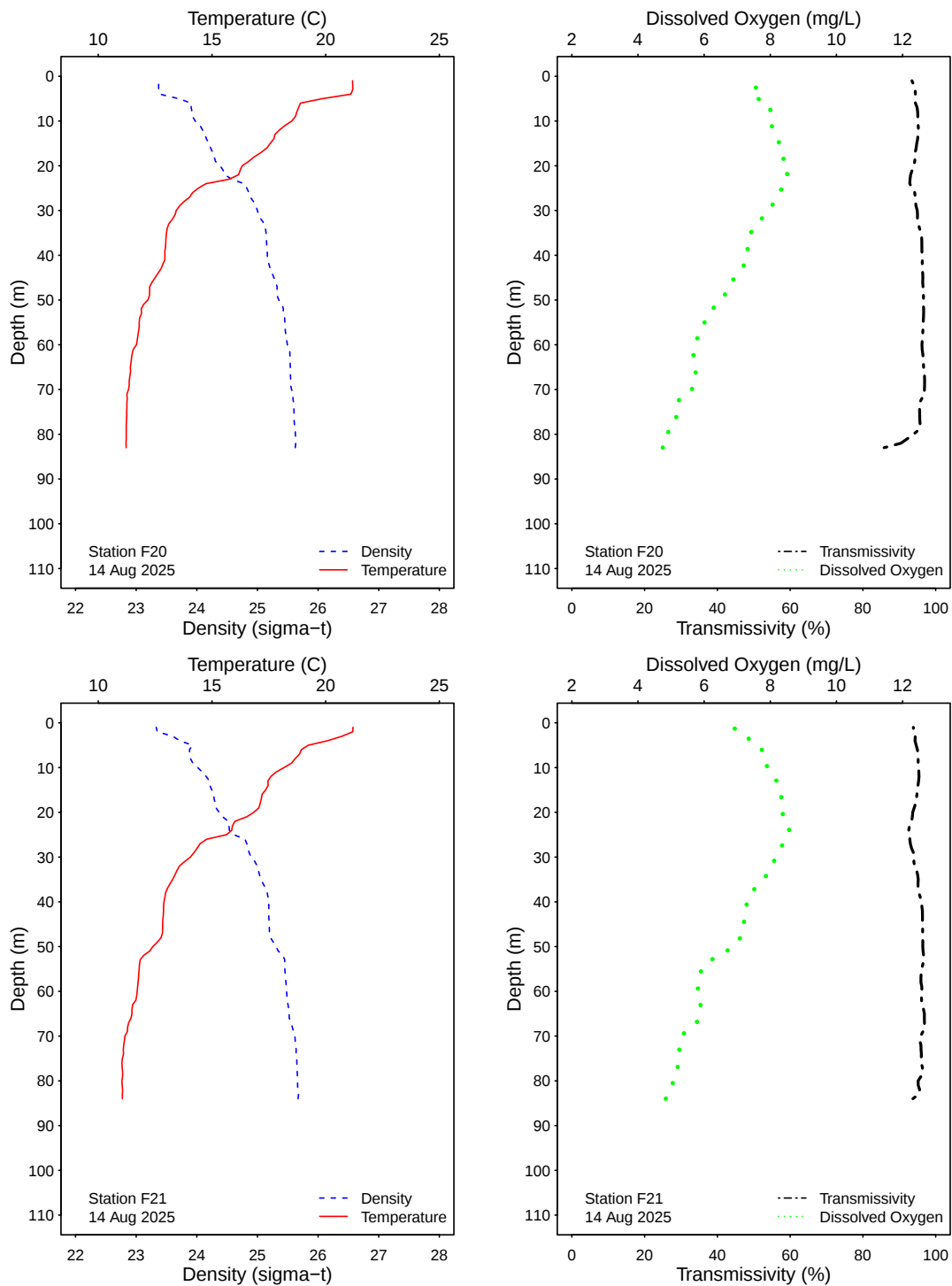


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

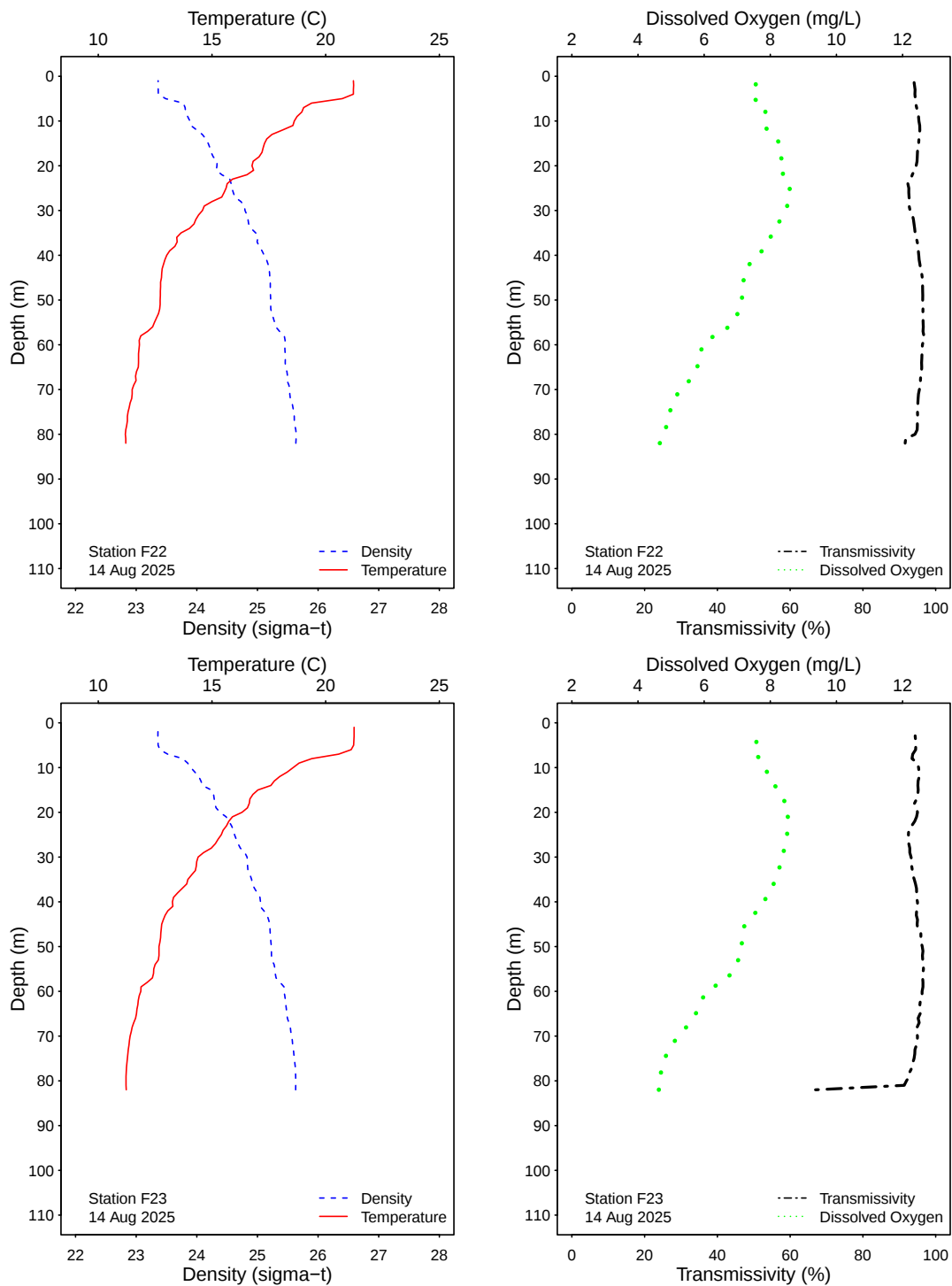


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

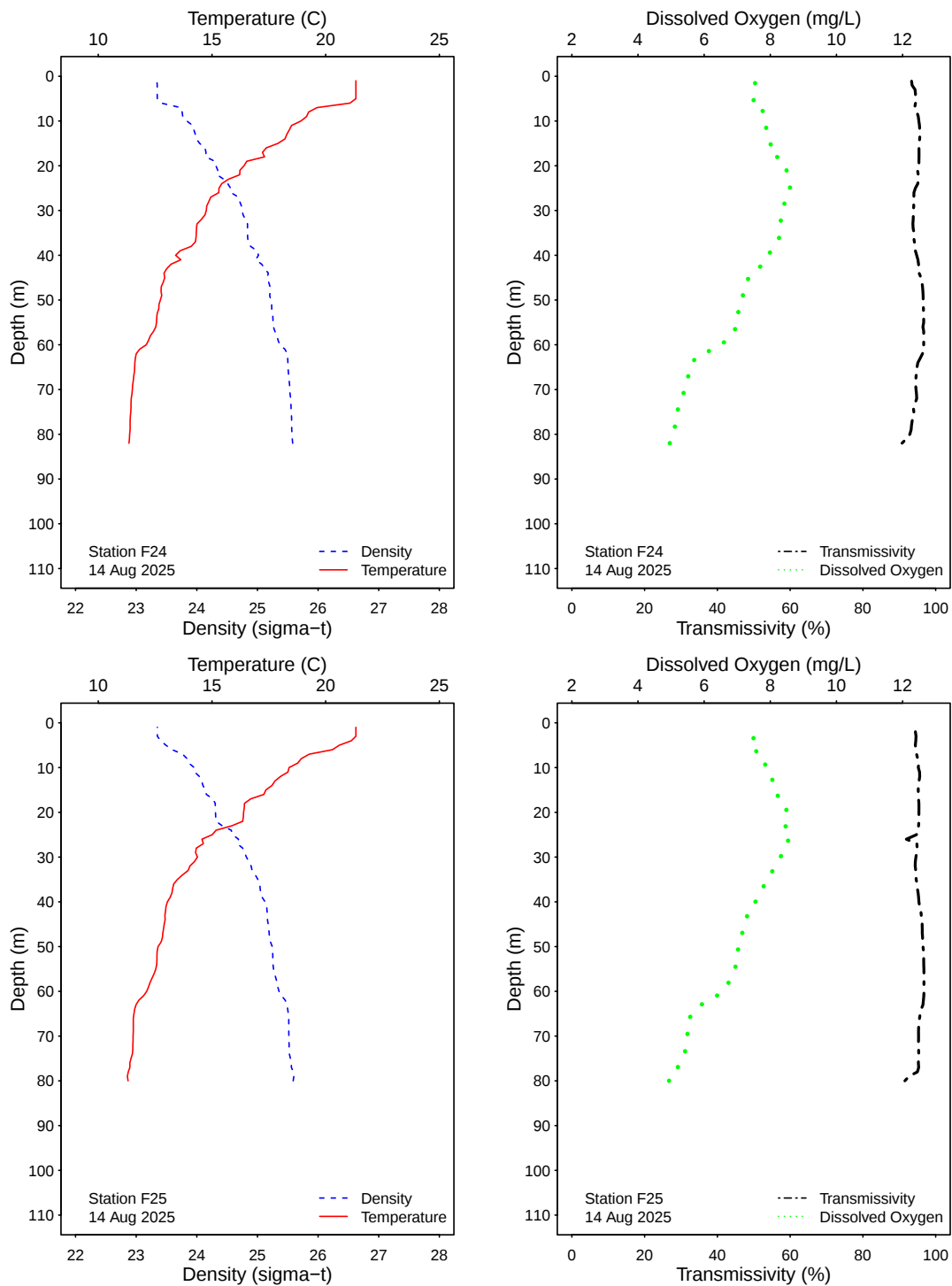


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

APPENDIX A

Quality Assurance

Table A.1

Summary of bacteriological quality assurance field and lab duplicate sample analyses at selected PLOO stations. Densities of total coliform (Total), fecal coliform (Fecal), and *Enterococcus* (Entero) are reported as CFU/100 mL.

Station	Date	Depth	Analyst	Procedure	Total	Fecal	Entero
F28	12 Aug 2025	60	ADG	LAB DUPLICATE	ns	ns	2
F17	14 Aug 2025	80	ADG	LAB DUPLICATE	ns	ns	2
F01	13 Aug 2025	12	ADG	LAB DUPLICATE	ns	ns	2
F29	12 Aug 2025	60	ADG	LAB DUPLICATE	ns	ns	2
F18	14 Aug 2025	60	ADG	LAB DUPLICATE	ns	ns	2
F07	13 Aug 2025	60	ADG	LAB DUPLICATE	ns	ns	2
F30	12 Aug 2025	60	ADG	LAB DUPLICATE	ns	ns	2
F19	14 Aug 2025	60	ADG	LAB DUPLICATE	ns	ns	18
F08	13 Aug 2025	60	ADG	LAB DUPLICATE	ns	ns	10
A7	04 Aug 2025	18	NCD	LAB DUPLICATE	2	2	2
A7	11 Aug 2025	18	SS	LAB DUPLICATE	2	2	2
A7	18 Aug 2025	18	NCD	LAB DUPLICATE	4	2	2
A7	26 Aug 2025	18	JF	LAB DUPLICATE	2	2	2
F31	12 Aug 2025	80	ADG	LAB DUPLICATE	ns	ns	160
F20	14 Aug 2025	60	ADG	LAB DUPLICATE	ns	ns	2
F32	12 Aug 2025	80	ADG	LAB DUPLICATE	ns	ns	520
F21	14 Aug 2025	80	ADG	LAB DUPLICATE	ns	ns	74
C7	04 Aug 2025	18	NCD	LAB DUPLICATE	2	2	2
C7	11 Aug 2025	18	SS	LAB DUPLICATE	4	2	2
C7	18 Aug 2025	18	NCD	LAB DUPLICATE	4	2	2
C7	26 Aug 2025	18	JF	LAB DUPLICATE	4	2	2
F11	13 Aug 2025	60	ADG	LAB DUPLICATE	ns	ns	2
C8	04 Aug 2025	12	NCD	LAB DUPLICATE	2	2	2
C8	11 Aug 2025	12	SS	LAB DUPLICATE	2	2	2
C8	18 Aug 2025	12	NCD	LAB DUPLICATE	20	2	2
C8	26 Aug 2025	12	JF	LAB DUPLICATE	2	2	2
F34	12 Aug 2025	60	ADG	LAB DUPLICATE	ns	ns	2
F02	13 Aug 2025	12	ADG	LAB DUPLICATE	ns	ns	2
D12	06 Aug 2025		SS	FIELD DUPLICATE	20	2	2
D12	06 Aug 2025		SS	LAB DUPLICATE	20	2	2
D12	13 Aug 2025		WT	LAB DUPLICATE	20	4	2
D12	13 Aug 2025		WT	FIELD DUPLICATE	2	2	2
D12	20 Aug 2025		WT	FIELD DUPLICATE	20	20	4
D12	20 Aug 2025		WT	LAB DUPLICATE	20	10	10
D12	27 Aug 2025		JF	FIELD DUPLICATE	2	2	4
D12	27 Aug 2025		JF	LAB DUPLICATE	2	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 Aug 2025	2	2	3	3	2	4	12	3
02 Aug 2025	2	2	3	3	2	4	12	3
03 Aug 2025	2	2	3	3	2	4	12	3
04 Aug 2025	2	2	3	3	2	4	12	3
05 Aug 2025	2	2	3	3	2	4	12	3
06 Aug 2025	2	2	3	3	2	3	11	2
07 Aug 2025	2	2	3	3	2	3	11	2
08 Aug 2025	2	2	3	3	2	3	11	2
09 Aug 2025	2	2	3	3	2	3	11	2
10 Aug 2025	2	2	3	3	2	3	11	2
11 Aug 2025	2	2	3	3	2	3	11	2
12 Aug 2025	2	2	3	3	2	3	11	2
13 Aug 2025	2	2	3	3	2	3	17	2
14 Aug 2025	2	2	3	3	2	3	17	2
15 Aug 2025	2	2	3	3	2	3	17	2
16 Aug 2025	2	2	3	3	2	3	17	2
17 Aug 2025	2	2	3	3	2	3	17	2
18 Aug 2025	2	2	3	3	2	3	17	2
19 Aug 2025	2	2	3	3	2	3	17	2
20 Aug 2025	2	2	3	4	2	3	17	2
21 Aug 2025	2	2	3	4	2	3	17	2
22 Aug 2025	2	2	3	4	2	3	17	2
23 Aug 2025	2	2	3	4	2	3	17	2
24 Aug 2025	2	2	3	4	2	3	17	2
25 Aug 2025	2	2	3	4	2	3	17	2
26 Aug 2025	2	2	3	4	2	3	17	2
27 Aug 2025	2	2	3	4	2	3	10	2
28 Aug 2025	2	2	3	4	2	3	10	2
29 Aug 2025	2	2	3	4	2	3	10	2
30 Aug 2025	2	2	3	4	2	3	10	2
31 Aug 2025	2	2	3	4	2	3	10	2

* 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
August	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 Aug 2025	*20	*20	*200	*110	*30	*20	*110	*20
02 Aug 2025	*20	*20	*200	*110	*30	*20	*110	*20
03 Aug 2025	*20	*20	*200	*110	*30	*20	*110	*20
04 Aug 2025	*20	*20	*200	*110	*30	*20	*110	*20
05 Aug 2025	*20	*20	*200	*110	*30	*20	*110	*20
06 Aug 2025	20	20	200	80	36	20	100	20
07 Aug 2025	20	20	200	80	36	20	100	20
08 Aug 2025	*20	*20	*200	*50	*28	*20	*150	*20
09 Aug 2025	*20	*20	*200	*50	*28	*20	*150	*20
10 Aug 2025	*20	*20	*200	*50	*28	*20	*150	*20
11 Aug 2025	*20	*20	*200	*50	*28	*20	*150	*20
12 Aug 2025	*20	*20	*200	*50	*28	*20	*150	*20
13 Aug 2025	20	20	200	20	36	20	100	20
14 Aug 2025	20	20	200	20	36	20	100	20
15 Aug 2025	*20	*20	*110	*50	*78	*20	*80	*20
16 Aug 2025	*20	*20	*110	*50	*78	*20	*80	*20
17 Aug 2025	*20	*20	*110	*50	*78	*20	*80	*20
18 Aug 2025	*20	*20	*110	*50	*78	*20	*80	*20
19 Aug 2025	*20	*20	*110	*50	*78	*20	*80	*20
20 Aug 2025	20	20	200	40	60	20	60	20
21 Aug 2025	20	20	200	40	60	20	60	20
22 Aug 2025	*20	*30	*110	*30	*48	*30	*40	*20
23 Aug 2025	*20	*30	*110	*30	*48	*30	*40	*20
24 Aug 2025	*20	*30	*110	*30	*48	*30	*40	*20
25 Aug 2025	*20	*30	*110	*30	*48	*30	*40	*20
26 Aug 2025	*20	*30	*110	*30	*48	*30	*40	*20
27 Aug 2025	20	20	20	20	36	40	20	20
28 Aug 2025	20	20	20	20	36	40	20	20
29 Aug 2025	*20	*30	*20	*30	*48	*70	*40	*20
30 Aug 2025	*20	*30	*20	*30	*48	*70	*40	*20
31 Aug 2025	*20	*30	*20	*30	*48	*70	*40	*20

* Median calculated using n<5

Table B.4

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

Date	D4	D5	D7	D8	D9	D10	D11	D12
August	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 Aug 2025	2	2	2	2	2	2	2	2
02 Aug 2025	2	2	2	2	2	2	2	2
03 Aug 2025	2	2	2	2	2	2	2	2
04 Aug 2025	2	2	2	2	2	2	2	2
05 Aug 2025	2	2	2	2	2	2	2	2
06 Aug 2025	2	2	2	2	2	2	2	2
07 Aug 2025	2	2	2	2	2	2	2	2
08 Aug 2025	2	2	2	2	2	2	2	2
09 Aug 2025	2	2	2	2	2	2	2	2
10 Aug 2025	2	2	2	2	2	2	2	2
11 Aug 2025	2	2	2	2	2	2	2	2
12 Aug 2025	2	2	2	2	2	2	2	2
13 Aug 2025	2	2	2	2	2	2	2	2
14 Aug 2025	2	2	2	2	2	2	2	2
15 Aug 2025	2	2	2	2	2	2	2	2
16 Aug 2025	2	2	2	2	2	2	2	2
17 Aug 2025	2	2	2	2	2	2	2	2
18 Aug 2025	2	2	2	2	2	2	2	2
19 Aug 2025	2	2	2	2	2	2	2	2
20 Aug 2025	2	2	2	2	2	2	2	2
21 Aug 2025	2	2	2	2	2	2	2	2
22 Aug 2025	2	2	2	2	2	2	2	2
23 Aug 2025	2	2	2	2	2	2	2	2
24 Aug 2025	2	2	2	2	2	2	2	2
25 Aug 2025	2	2	2	2	2	2	2	2
26 Aug 2025	2	2	2	2	2	2	2	2
27 Aug 2025	2	2	2	2	2	2	2	2
28 Aug 2025	2	2	2	2	2	2	2	2
29 Aug 2025	2	2	2	2	2	2	2	2
30 Aug 2025	2	2	2	2	2	2	2	2
31 Aug 2025	2	2	2	2	2	2	2	2

* Geometric mean calculated using n<5

Table B.6

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
August	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.

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

* Median calculated using n<5

Table B.8

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

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

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

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