SD Public Utilities

POINT LOMA OCEAN OUTFALL MONTHLY RECEIVING WATERS MONITORING REPORT

POINT LOMA WASTEWATER TREATMENT PLANT

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

MAY 2025

Environmental Monitoring and Technical Services
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CERTIFIED
Public Utilities Department
Continual Improvement, Prevention of Pollution, Regulatory Compliance
ISO 14001

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

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

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

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

Sincerely,

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

PV/rk

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

INTRODUCTION

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

MATERIALS AND METHODS

Shore Stations

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

- Over the past several years, due to increasing instability in some cliffside areas of Point Loma, City staff have periodically been unable to safely access and sample some stations. As a result, the after consultation with and approval by the Regional Board, the sampling location has varied between D8, D8-A and D8-B. Access to site D8 was recently restored and sampling at D8 resumed in March 2025.

Seawater samples are collected from the surf zone at each station on a weekly basis. These samples are subsequently transported to the City's Marine Microbiology Laboratory and analyzed for the presence of several types of fecal indicator bacteria (FIB), including total coliforms, fecal coliforms, and *Enterococcus*. Visual observations of water color and clarity, surf height, human or animal activity, and weather conditions are also recorded at the time of sample collection. Wind speed and direction are measured using a hand-held anemometer with a compass.

Kelp Bed Stations

The eight kelp stations are sampled weekly according to permit specifications to monitor water quality conditions within the Point Loma kelp forest. These stations include three sites located along the inshore edge of the kelp bed paralleling the 9-m depth contour (i.e., stations C4, C5 and C6), and five sites located near the offshore edge of the kelp bed along the 18-m depth contour (i.e., stations A1, A6, A7, C7 and C8).

Routine weekly monitoring at each of the kelp bed sites consists primarily of collecting seawater samples at discrete depths to determine concentrations of fecal indicator bacteria (i.e., total coliforms, fecal coliforms, and *Enterococcus*). Water column profiles of various physical/chemical parameters are also generated during each sampling event, and visual observations of weather and water conditions are recorded at each station.

Seawater samples at the kelp bed stations are collected using a CTD-integrated rosette sampler with Niskin bottles. Aliquots for bacteriological analyses are drawn from these bottles into sterile

sample bottles for processing at the City's Marine Microbiology Laboratory. Water column profiles of temperature, transmissivity, dissolved oxygen, pH, salinity, density, chlorophyll *a* are generated using a Sea-Bird conductivity, temperature and depth instrument (CTD), which collects these data at a rate of ≥ 4 scans per second. These scans are then internally averaged to create water column profiles with data readings at a rate of one per meter. Additionally, CTD profile data for each water sample depth are presented with the bacteriological data.

Offshore Stations

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

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

Bacteriological Reporting and Quality Assurance

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

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

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

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

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

Single Sample Maximums:

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

Quality controls of bacteriological data include laboratory and field duplicate analyses. Laboratory duplicates are performed on approximately 10% of the water quality samples, while field duplicates are performed six times a month (see Appendix A). Laboratory duplicates represent two aliquots of the original sample that are split in the laboratory and analyzed by the same analyst using identical procedures within the same analytical run. The results of these analyses provide a measure of intra-analyst precision. In contrast, field duplicates represent two separate samples collected at the same time from the same site, which are handled under identical circumstances and treated the same throughout field and lab procedures. The results of these analyses provide a measure of precision associated with sample collection, preservation, storage, and lab procedures. The sign test (see Gilbert, 1987[2]) is used to statistically compare both the results from the laboratory duplicates, as well as the results from the field duplicates. These data will be further analyzed in the City's 2025 Quality Assurance Report, which will be completed in March 2026.

SUMMARY OF RESULTS

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

Shore Stations

- The eight shore stations (D4, D5, D7, D8-B, D9, D10, D11, D12) were sampled on May 7, 14, 21, and 28.
- During the May report period, each of the eight shore stations was in compliance with 2015 California Ocean Plan (Ocean Plan) water contact standards.
- Nothing of sewage origin was observed at PLOO shore stations in May.
- 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 May 6, 12, 19, 27.
- During the May 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 11.20 to 19.80°C. The difference between surface and bottom waters ranged from 1.42 to 8.22°C.
- Chlorophyll *a* concentrations ranged from 0.31 to 33.81 µg/L.
- Nothing of sewage origin was observed at any of the PLOO kelp stations in May.

Offshore Stations

- Quarterly offshore water quality sampling was conducted on May 20, 21, and 22.
- During the May report period, three of the 15 offshore stations located within State jurisdictional waters (i.e., F01–F03, F06–F14, F18–F20) were out of compliance with the various 2015 Ocean Plan water contact standards on one or more days as follows.
    - The SSM standard for *Enterococcus* was exceeded at stations F19 and F20.
- Of the remaining 21 offshore stations, elevated densities of *Enterococcus* bacteria (i.e., >104 CFU/100 mL) were detected at stations F17, F21, F28, F29, F30, and F33 at depths ≥ 25 meters.
- Water column temperatures ranged from 9.82 to 19.47°C. The difference between surface and bottom waters ranged from 6.72 to 9.24°C.
- Chlorophyll *a* concentrations ranged from 0.07 to 41.13 µg/L at the offshore stations.
- Nothing of sewage origin was observed at any of the PLOO offshore stations in May.
- CDOM data are available upon request.

TABLES AND FIGURES

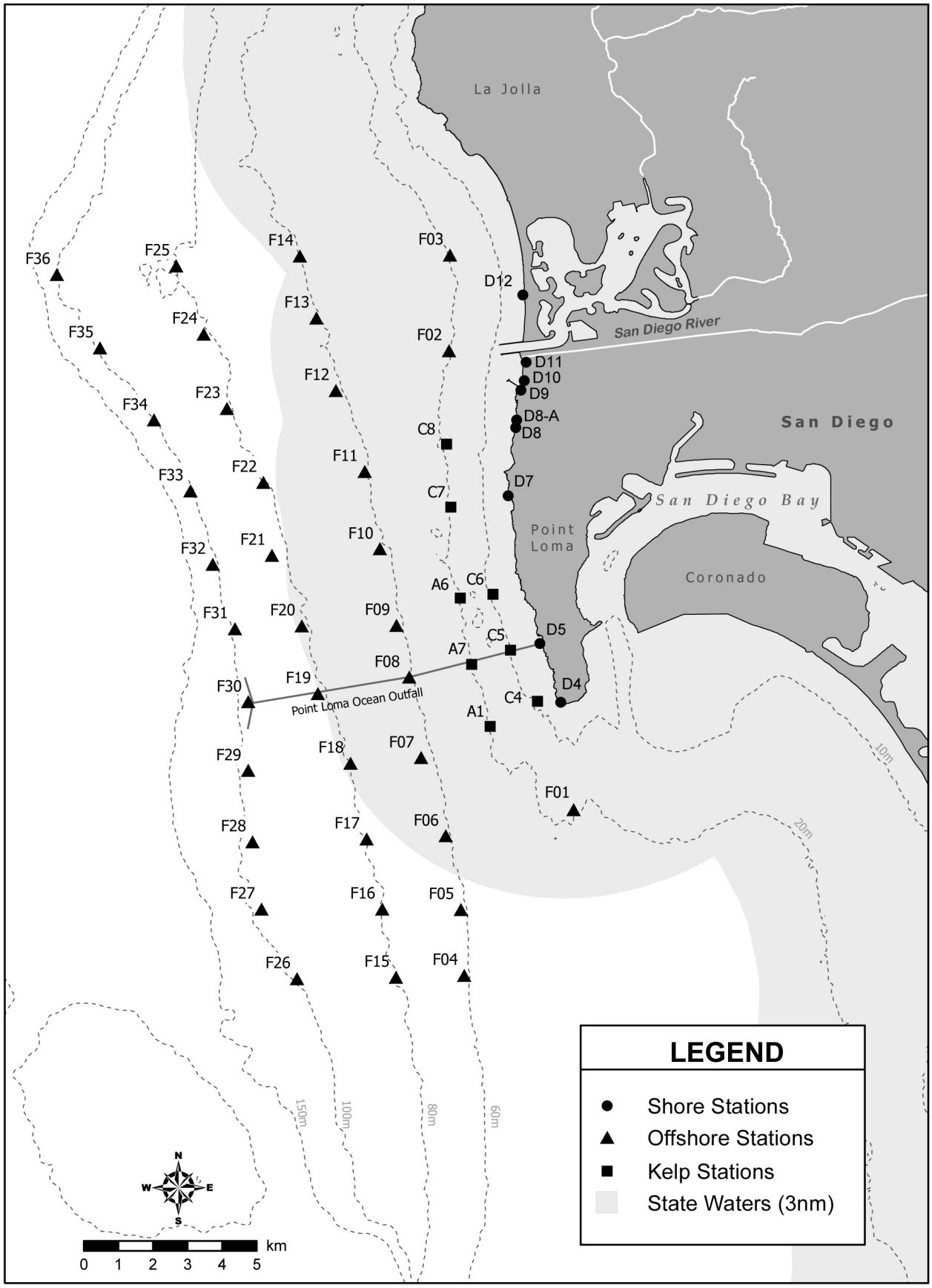

Figure 1.1 Station Map

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

* Geometric mean calculated using n<5

Table 2.2

Summary of compliance at the PLOO shore stations with the Ocean Plan's Single Sample Maximum standard for fecal coliform bacteria, which states that fecal coliform density shall not exceed 400 CFU/100 mL.

Date	D4	D5	D7	D8	D9	D10	D11	D12
07 May 2025	IC	IC	IC	IC	IC	IC	IC	IC
14 May 2025	IC	IC	IC	IC	IC	IC	IC	IC
21 May 2025	IC	IC	IC	IC	IC	IC	IC	IC
28 May 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 May 2025	2	2	2	10	4	4	26	2
02 May 2025	*2	*2	*2	*10	*4	*3	*20	*2
03 May 2025	*2	*2	*2	*10	*4	*3	*20	*2
04 May 2025	*2	*2	*2	*10	*4	*3	*20	*2
05 May 2025	*2	*2	*2	*10	*4	*3	*20	*2
06 May 2025	*2	*2	*2	*10	*4	*3	*20	*2
07 May 2025	2	2	2	7	3	3	13	2
08 May 2025	2	2	2	7	3	3	13	2
09 May 2025	*2	*2	*2	*5	*4	*3	*17	*2
10 May 2025	*2	*2	*2	*5	*4	*3	*17	*2
11 May 2025	*2	*2	*2	*5	*4	*3	*17	*2
12 May 2025	*2	*2	*2	*5	*4	*3	*17	*2
13 May 2025	*2	*2	*2	*5	*4	*3	*17	*2
14 May 2025	2	2	2	4	4	4	14	2
15 May 2025	2	2	2	4	4	4	14	2
16 May 2025	*2	*2	*2	*5	*4	*5	*22	*2
17 May 2025	*2	*2	*2	*5	*4	*5	*22	*2
18 May 2025	*2	*2	*2	*5	*4	*5	*22	*2
19 May 2025	*2	*2	*2	*5	*4	*5	*22	*2
20 May 2025	*2	*2	*2	*5	*4	*5	*22	*2
21 May 2025	2	2	2	6	4	4	16	2
22 May 2025	2	2	2	6	4	4	16	2
23 May 2025	*2	*2	*2	*5	*4	*5	*17	*2
24 May 2025	*2	*2	*2	*5	*4	*5	*17	*2
25 May 2025	*2	*2	*2	*5	*4	*5	*17	*2
26 May 2025	*2	*2	*2	*5	*4	*5	*17	*2
27 May 2025	*2	*2	*2	*5	*4	*5	*17	*2
28 May 2025	2	2	2	5	4	4	17	3
29 May 2025	2	2	2	5	4	4	17	3
30 May 2025	*2	*2	*2	*4	*2	*3	*6	*3
31 May 2025	*2	*2	*2	*4	*2	*3	*6	*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
07 May 2025	IC	IC	IC	IC	IC	IC	IC	IC
14 May 2025	IC	IC	IC	IC	IC	IC	IC	IC
21 May 2025	IC	IC	IC	IC	IC	IC	IC	IC
28 May 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 May 2025	5	32	8	80	23	36	66	12
02 May 2025	*4	*36	*6	*112	*20	*24	*50	*8
03 May 2025	*4	*36	*6	*112	*20	*24	*50	*8
04 May 2025	*4	*36	*6	*112	*20	*24	*50	*8
05 May 2025	*4	*36	*6	*112	*20	*24	*50	*8
06 May 2025	*4	*36	*6	*112	*20	*24	*50	*8
07 May 2025	5	32	8	80	20	23	42	10
08 May 2025	5	32	8	80	20	23	42	10
09 May 2025	*6	*36	*11	*63	*11	*13	*50	*6
10 May 2025	*6	*36	*11	*63	*11	*13	*50	*6
11 May 2025	*6	*36	*11	*63	*11	*13	*50	*6
12 May 2025	*6	*36	*11	*63	*11	*13	*50	*6
13 May 2025	*6	*36	*11	*63	*11	*13	*50	*6
14 May 2025	8	50	13	80	13	26	78	8
15 May 2025	8	50	13	80	13	26	78	8
16 May 2025	*11	*63	*20	*112	*11	*27	*110	*6
17 May 2025	*11	*63	*20	*112	*11	*27	*110	*6
18 May 2025	*11	*63	*20	*112	*11	*27	*110	*6
19 May 2025	*11	*63	*20	*112	*11	*27	*110	*6
20 May 2025	*11	*63	*20	*112	*11	*27	*110	*6
21 May 2025	8	80	32	126	11	26	90	8
22 May 2025	8	80	32	126	11	26	90	8
23 May 2025	*11	*112	*36	*112	*16	*41	*131	*11
24 May 2025	*11	*112	*36	*112	*16	*41	*131	*11
25 May 2025	*11	*112	*36	*112	*16	*41	*131	*11
26 May 2025	*11	*112	*36	*112	*16	*41	*131	*11
27 May 2025	*11	*112	*36	*112	*16	*41	*131	*11
28 May 2025	20	126	50	126	26	56	143	13
29 May 2025	20	126	50	126	26	56	143	13
30 May 2025	*20	*112	*63	*112	*28	*72	*93	*20
31 May 2025	*20	*112	*63	*112	*28	*72	*93	*20

* 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
07 May 2025	IC	IC	IC	IC	IC	IC	IC	IC
14 May 2025	IC	IC	IC	IC	IC	IC	IC	IC
21 May 2025	IC	IC	IC	IC	IC	IC	IC	IC
28 May 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
07 May 2025	IC	IC	IC	IC	IC	IC	IC	IC
14 May 2025	IC	IC	IC	IC	IC	IC	IC	IC
21 May 2025	IC	IC	IC	IC	IC	IC	IC	ns
28 May 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	07 May 2025	739	20e	<2	<2
D10	14 May 2025	848	340e	<20	12e
D10	21 May 2025	902	20e	<2	2e
D10	28 May 2025	858	<200	<20	2e
D11	07 May 2025	729	20e	2e	<2
D11	14 May 2025	836	460	10e	6e
D11	21 May 2025	846	40e	4e	4e
D11	28 May 2025	844	<200	20e	20e
D12	07 May 2025	714	<20	<2	2e
D12	14 May 2025	819	20e	8e	4e
D12	21 May 2025	826	<20	4e	<2
D12	28 May 2025	818	<20	<2	6e
D4	07 May 2025	907	<20	<2	2e
D4	14 May 2025	1007	20e	2e	<2
D4	21 May 2025	1035	<2	<2	<2
D4	28 May 2025	1045	<200	<2	<2
D5	07 May 2025	853	<20	<2	<2
D5	14 May 2025	954	<200	2e	<2
D5	21 May 2025	1022	<200	<2	<2
D5	28 May 2025	1034	<200	20e	<2
D7	07 May 2025	820	<20	<2	<2
D7	14 May 2025	930	<20	2e	2e
D7	21 May 2025	954	<200	<2	<2
D7	28 May 2025	1006	<200	<2	<2
D8	07 May 2025	806	<20	2e	<2
D8	14 May 2025	918	<200	2e	<2
D8	21 May 2025	935	<200	<2	6e
D8	28 May 2025	943	<200	40e	8e
D9	07 May 2025	750	<20	<2	<2
D9	14 May 2025	907	20e	<2	4e
D9	21 May 2025	919	8e	<2	<2
D9	28 May 2025	923	200e	8e	<2

ns = not sampled
ND = no data

Table 2.9

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

Station	Date	Parameter	Value
D4	07 May 2025	Arrive Time	907
D4	07 May 2025	Wind Speed (kts)	2.5
D4	07 May 2025	Wind Dir	NW
D4	07 May 2025	Animal Life	
D4	07 May 2025	Floatables	
D4	07 May 2025	Current Direction	E
D4	07 May 2025	Water Temp (C)	14.9
D4	07 May 2025	High Tide Time	
D4	07 May 2025	Low Tide Time	
D4	07 May 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris
D4	14 May 2025	Arrive Time	1007
D4	14 May 2025	Wind Speed (kts)	1.9
D4	14 May 2025	Wind Dir	W
D4	14 May 2025	Animal Life	
D4	14 May 2025	Floatables	
D4	14 May 2025	Current Direction	S
D4	14 May 2025	Water Temp (C)	15.7
D4	14 May 2025	High Tide Time	
D4	14 May 2025	Low Tide Time	
D4	14 May 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D4	21 May 2025	Arrive Time	1035
D4	21 May 2025	Wind Speed (kts)	4.6
D4	21 May 2025	Wind Dir	SW
D4	21 May 2025	Animal Life	
D4	21 May 2025	Floatables	
D4	21 May 2025	Current Direction	S
D4	21 May 2025	Water Temp (C)	20.7
D4	21 May 2025	High Tide Time	
D4	21 May 2025	Low Tide Time	
D4	21 May 2025	Comments	Water clear; Trash-3; Kelp;Seagrass;Debris
D4	28 May 2025	Arrive Time	1045
D4	28 May 2025	Wind Speed (kts)	3.4
D4	28 May 2025	Wind Dir	SW
D4	28 May 2025	Animal Life	
D4	28 May 2025	Floatables	Dead animals
D4	28 May 2025	Current Direction	S
D4	28 May 2025	Water Temp (C)	18.9
D4	28 May 2025	High Tide Time	
D4	28 May 2025	Low Tide Time	
D4	28 May 2025	Comments	Water clear; Trash-4; Kelp;Seagrass
D5	07 May 2025	Arrive Time	853
D5	07 May 2025	Wind Speed (kts)	1.3
D5	07 May 2025	Wind Dir	W
D5	07 May 2025	Animal Life	
D5	07 May 2025	Floatables	
D5	07 May 2025	Current Direction	E
D5	07 May 2025	Water Temp (C)	15
D5	07 May 2025	High Tide Time	
D5	07 May 2025	Low Tide Time	
D5	07 May 2025	Comments	Water clear; Trash-1; Seagrass;Algae;Debris
D5	14 May 2025	Arrive Time	954

Station	Date	Parameter	Value
D5	14 May 2025	Wind Speed (kts)	0
D5	14 May 2025	Wind Dir	XX
D5	14 May 2025	Animal Life	
D5	14 May 2025	Floatables	
D5	14 May 2025	Current Direction	S
D5	14 May 2025	Water Temp (C)	15.9
D5	14 May 2025	High Tide Time	
D5	14 May 2025	Low Tide Time	
D5	14 May 2025	Comments	Water clear; Trash-2; Kelp;Seagrass;Algae
D5	21 May 2025	Arrive Time	1022
D5	21 May 2025	Wind Speed (kts)	1.9
D5	21 May 2025	Wind Dir	SW
D5	21 May 2025	Animal Life	
D5	21 May 2025	Floatables	
D5	21 May 2025	Current Direction	S
D5	21 May 2025	Water Temp (C)	19.3
D5	21 May 2025	High Tide Time	
D5	21 May 2025	Low Tide Time	
D5	21 May 2025	Comments	Water clear; Trash-2; Kelp;Seagrass;Algae
D5	28 May 2025	Arrive Time	1034
D5	28 May 2025	Wind Speed (kts)	2.4
D5	28 May 2025	Wind Dir	SW
D5	28 May 2025	Animal Life	
D5	28 May 2025	Floatables	
D5	28 May 2025	Current Direction	S
D5	28 May 2025	Water Temp (C)	18.7
D5	28 May 2025	High Tide Time	
D5	28 May 2025	Low Tide Time	
D5	28 May 2025	Comments	Water clear; Trash-1
D7	07 May 2025	Arrive Time	820
D7	07 May 2025	Wind Speed (kts)	0
D7	07 May 2025	Wind Dir	W
D7	07 May 2025	Animal Life	
D7	07 May 2025	Floatables	
D7	07 May 2025	Current Direction	E
D7	07 May 2025	Water Temp (C)	15.4
D7	07 May 2025	High Tide Time	
D7	07 May 2025	Low Tide Time	
D7	07 May 2025	Comments	Water clear; Surfer/Paddle boarder-1; Trash-1; Kelp;Algae;Debris; Person/Walker/Jogger-2
D7	14 May 2025	Arrive Time	930
D7	14 May 2025	Wind Speed (kts)	1.5
D7	14 May 2025	Wind Dir	W
D7	14 May 2025	Animal Life	
D7	14 May 2025	Floatables	
D7	14 May 2025	Current Direction	S
D7	14 May 2025	Water Temp (C)	15.5
D7	14 May 2025	High Tide Time	
D7	14 May 2025	Low Tide Time	
D7	14 May 2025	Comments	Water clear; Surfer/Paddle boarder-8; Trash-1; Seagrass;Kelp
D7	21 May 2025	Arrive Time	954
D7	21 May 2025	Wind Speed (kts)	0
D7	21 May 2025	Wind Dir	SW
D7	21 May 2025	Animal Life	
D7	21 May 2025	Floatables	

Station	Date	Parameter	Value
D7	21 May 2025	Current Direction	S
D7	21 May 2025	Water Temp (C)	178
D7	21 May 2025	High Tide Time	
D7	21 May 2025	Low Tide Time	
D7	21 May 2025	Comments	Water clear; Surfer/Paddle boarder-12; Trash-1; Algae;Seagrass
D7	28 May 2025	Arrive Time	1006
D7	28 May 2025	Wind Speed (kts)	0
D7	28 May 2025	Wind Dir	SW
D7	28 May 2025	Animal Life	Dog-2;
D7	28 May 2025	Floatables	
D7	28 May 2025	Current Direction	S
D7	28 May 2025	Water Temp (C)	18.3
D7	28 May 2025	High Tide Time	
D7	28 May 2025	Low Tide Time	
D7	28 May 2025	Comments	Water clear; Surfer/Paddle boarder-12; Trash-1; Algae;Seagrass;Kelp; Person/Walker/Jogger-2
D8	07 May 2025	Arrive Time	806
D8	07 May 2025	Wind Speed (kts)	0.2
D8	07 May 2025	Wind Dir	NW
D8	07 May 2025	Animal Life	Dog-2;
D8	07 May 2025	Floatables	
D8	07 May 2025	Current Direction	E
D8	07 May 2025	Water Temp (C)	16
D8	07 May 2025	High Tide Time	
D8	07 May 2025	Low Tide Time	
D8	07 May 2025	Comments	Water clear; Trash-2; Seagrass;Kelp;Algae;Debris; Person/Walker/Jogger-16
D8	14 May 2025	Arrive Time	918
D8	14 May 2025	Wind Speed (kts)	1.5
D8	14 May 2025	Wind Dir	W
D8	14 May 2025	Animal Life	
D8	14 May 2025	Floatables	
D8	14 May 2025	Current Direction	S
D8	14 May 2025	Water Temp (C)	15.6
D8	14 May 2025	High Tide Time	
D8	14 May 2025	Low Tide Time	
D8	14 May 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D8	21 May 2025	Arrive Time	935
D8	21 May 2025	Wind Speed (kts)	2.5
D8	21 May 2025	Wind Dir	S
D8	21 May 2025	Animal Life	Dog-1;
D8	21 May 2025	Floatables	
D8	21 May 2025	Current Direction	S
D8	21 May 2025	Water Temp (C)	17.8
D8	21 May 2025	High Tide Time	
D8	21 May 2025	Low Tide Time	
D8	21 May 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-3
D8	28 May 2025	Arrive Time	943
D8	28 May 2025	Wind Speed (kts)	0.9
D8	28 May 2025	Wind Dir	SW
D8	28 May 2025	Animal Life	
D8	28 May 2025	Floatables	
D8	28 May 2025	Current Direction	S
D8	28 May 2025	Water Temp (C)	17.9

Station	Date	Parameter	Value
D8	28 May 2025	High Tide Time	
D8	28 May 2025	Low Tide Time	
D8	28 May 2025	Comments	Water clear; Trash-2; Algae;Seagrass;Kelp;Debris
D9	07 May 2025	Arrive Time	750
D9	07 May 2025	Wind Speed (kts)	1.1
D9	07 May 2025	Wind Dir	NW
D9	07 May 2025	Animal Life	
D9	07 May 2025	Floatables	
D9	07 May 2025	Current Direction	E
D9	07 May 2025	Water Temp (C)	15.2
D9	07 May 2025	High Tide Time	
D9	07 May 2025	Low Tide Time	
D9	07 May 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris
D9	14 May 2025	Arrive Time	907
D9	14 May 2025	Wind Speed (kts)	5.4
D9	14 May 2025	Wind Dir	NW
D9	14 May 2025	Animal Life	
D9	14 May 2025	Floatables	
D9	14 May 2025	Current Direction	S
D9	14 May 2025	Water Temp (C)	15.8
D9	14 May 2025	High Tide Time	
D9	14 May 2025	Low Tide Time	
D9	14 May 2025	Comments	Water clear; Surfer/Paddle boarder-5; Trash-1; Kelp;Seagrass;Algae
D9	21 May 2025	Arrive Time	919
D9	21 May 2025	Wind Speed (kts)	3.6
D9	21 May 2025	Wind Dir	SW
D9	21 May 2025	Animal Life	
D9	21 May 2025	Floatables	
D9	21 May 2025	Current Direction	S
D9	21 May 2025	Water Temp (C)	17.5
D9	21 May 2025	High Tide Time	
D9	21 May 2025	Low Tide Time	
D9	21 May 2025	Comments	Water clear; Trash-1; Seagrass;Algae
D9	28 May 2025	Arrive Time	923
D9	28 May 2025	Wind Speed (kts)	2.4
D9	28 May 2025	Wind Dir	SW
D9	28 May 2025	Animal Life	
D9	28 May 2025	Floatables	
D9	28 May 2025	Current Direction	S
D9	28 May 2025	Water Temp (C)	18.1
D9	28 May 2025	High Tide Time	
D9	28 May 2025	Low Tide Time	
D9	28 May 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae; Person/Walker/Jogger-1; Unhoused-1
D10	07 May 2025	Arrive Time	739
D10	07 May 2025	Wind Speed (kts)	1.7
D10	07 May 2025	Wind Dir	W
D10	07 May 2025	Animal Life	
D10	07 May 2025	Floatables	
D10	07 May 2025	Current Direction	E
D10	07 May 2025	Water Temp (C)	15.5
D10	07 May 2025	High Tide Time	
D10	07 May 2025	Low Tide Time	
D10	07 May 2025	Comments	Water clear; Surfer/Paddle boarder-1; Trash-1; Kelp;Seagrass;Debris

Station	Date	Parameter	Value
D10	14 May 2025	Arrive Time	848
D10	14 May 2025	Wind Speed (kts)	4
D10	14 May 2025	Wind Dir	W
D10	14 May 2025	Animal Life	
D10	14 May 2025	Floatables	
D10	14 May 2025	Current Direction	S
D10	14 May 2025	Water Temp (C)	15.7
D10	14 May 2025	High Tide Time	
D10	14 May 2025	Low Tide Time	
D10	14 May 2025	Comments	Water clear; Surfer/Paddle boarder-5; Trash-1; Kelp;Seagrass;Algae
D10	21 May 2025	Arrive Time	902
D10	21 May 2025	Wind Speed (kts)	3.8
D10	21 May 2025	Wind Dir	S
D10	21 May 2025	Animal Life	
D10	21 May 2025	Floatables	
D10	21 May 2025	Current Direction	S
D10	21 May 2025	Water Temp (C)	17.3
D10	21 May 2025	High Tide Time	
D10	21 May 2025	Low Tide Time	
D10	21 May 2025	Comments	Water clear; Surfer/Paddle boarder-5; Trash-2; Seagrass;Kelp; Person/Walker/Jogger-5
D10	28 May 2025	Arrive Time	858
D10	28 May 2025	Wind Speed (kts)	2.5
D10	28 May 2025	Wind Dir	SW
D10	28 May 2025	Animal Life	
D10	28 May 2025	Floatables	
D10	28 May 2025	Current Direction	S
D10	28 May 2025	Water Temp (C)	18.3
D10	28 May 2025	High Tide Time	
D10	28 May 2025	Low Tide Time	
D10	28 May 2025	Comments	Water clear; Surfer/Paddle boarder-9; Trash-3; Seagrass;Kelp; Person/Walker/Jogger-10
D11	01 May 2025	Arrive Time	1115
D11	01 May 2025	Wind Speed (kts)	8.9
D11	01 May 2025	Wind Dir	SW
D11	01 May 2025	Animal Life	
D11	01 May 2025	Floatables	
D11	01 May 2025	Current Direction	S
D11	01 May 2025	Water Temp (C)	14.5
D11	01 May 2025	High Tide Time	
D11	01 May 2025	Low Tide Time	
D11	01 May 2025	Comments	Water clear; Surfer/Paddle boarder-11; Trash-2; Algae;Seagrass;Kelp;Debris
D11	02 May 2025	Arrive Time	853
D11	02 May 2025	Wind Speed (kts)	2.5
D11	02 May 2025	Wind Dir	W
D11	02 May 2025	Animal Life	Dog-1;
D11	02 May 2025	Floatables	
D11	02 May 2025	Current Direction	S
D11	02 May 2025	Water Temp (C)	16.7
D11	02 May 2025	High Tide Time	
D11	02 May 2025	Low Tide Time	
D11	02 May 2025	Comments	Water clear; Surfer/Paddle boarder-2; Trash-1; Seagrass;Kelp;Algae; Person/Walker/Jogger-5

Station	Date	Parameter	Value
D11	07 May 2025	Arrive Time	729
D11	07 May 2025	Wind Speed (kts)	0
D11	07 May 2025	Wind Dir	SW
D11	07 May 2025	Animal Life	
D11	07 May 2025	Floatables	
D11	07 May 2025	Current Direction	E
D11	07 May 2025	Water Temp (C)	16.4
D11	07 May 2025	High Tide Time	
D11	07 May 2025	Low Tide Time	
D11	07 May 2025	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-1
D11	14 May 2025	Arrive Time	836
D11	14 May 2025	Wind Speed (kts)	3.4
D11	14 May 2025	Wind Dir	W
D11	14 May 2025	Animal Life	
D11	14 May 2025	Floatables	
D11	14 May 2025	Current Direction	S
D11	14 May 2025	Water Temp (C)	15.4
D11	14 May 2025	High Tide Time	
D11	14 May 2025	Low Tide Time	
D11	14 May 2025	Comments	Water clear; Surfer/Paddle boarder-8; Trash-1; Kelp;Seagrass;Algae; Person/Walker/Jogger-6
D11	21 May 2025	Arrive Time	846
D11	21 May 2025	Wind Speed (kts)	0.5
D11	21 May 2025	Wind Dir	SW
D11	21 May 2025	Animal Life	
D11	21 May 2025	Floatables	
D11	21 May 2025	Current Direction	S
D11	21 May 2025	Water Temp (C)	16.4
D11	21 May 2025	High Tide Time	
D11	21 May 2025	Low Tide Time	
D11	21 May 2025	Comments	Water clear; Surfer/Paddle boarder-5; Trash-2; Seagrass;Algae;Debris; Person/Walker/Jogger-5
D11	28 May 2025	Arrive Time	844
D11	28 May 2025	Wind Speed (kts)	3
D11	28 May 2025	Wind Dir	S
D11	28 May 2025	Animal Life	
D11	28 May 2025	Floatables	
D11	28 May 2025	Current Direction	S
D11	28 May 2025	Water Temp (C)	18.8
D11	28 May 2025	High Tide Time	
D11	28 May 2025	Low Tide Time	
D11	28 May 2025	Comments	Water clear; Surfer/Paddle boarder-6; Trash-2; Seagrass;Kelp;Debris
D12	07 May 2025	Arrive Time	714
D12	07 May 2025	Wind Speed (kts)	1.4
D12	07 May 2025	Wind Dir	W
D12	07 May 2025	Animal Life	
D12	07 May 2025	Floatables	
D12	07 May 2025	Current Direction	E
D12	07 May 2025	Water Temp (C)	15.2
D12	07 May 2025	High Tide Time	
D12	07 May 2025	Low Tide Time	
D12	07 May 2025	Comments	Water clear; Surfer/Paddle boarder-1; Trash-1; Kelp;Seagrass;Debris
D12	14 May 2025	Arrive Time	819

Station	Date	Parameter	Value
D12	14 May 2025	Wind Speed (kts)	3.1
D12	14 May 2025	Wind Dir	W
D12	14 May 2025	Animal Life	
D12	14 May 2025	Floatables	
D12	14 May 2025	Current Direction	S
D12	14 May 2025	Water Temp (C)	15
D12	14 May 2025	High Tide Time	
D12	14 May 2025	Low Tide Time	
D12	14 May 2025	Comments	Water clear; Trash-1; Kelp;Seagrass; Person/Walker/Jogger-6
D12	21 May 2025	Arrive Time	826
D12	21 May 2025	Wind Speed (kts)	3.3
D12	21 May 2025	Wind Dir	SW
D12	21 May 2025	Animal Life	
D12	21 May 2025	Floatables	
D12	21 May 2025	Current Direction	S
D12	21 May 2025	Water Temp (C)	17.2
D12	21 May 2025	High Tide Time	
D12	21 May 2025	Low Tide Time	
D12	21 May 2025	Comments	Water clear; Surfer/Paddle boarder-2; Trash-2; Kelp;Seagrass;Debris
D12	28 May 2025	Arrive Time	818
D12	28 May 2025	Wind Speed (kts)	1.6
D12	28 May 2025	Wind Dir	SW
D12	28 May 2025	Animal Life	
D12	28 May 2025	Floatables	
D12	28 May 2025	Current Direction	S
D12	28 May 2025	Water Temp (C)	18.8
D12	28 May 2025	High Tide Time	
D12	28 May 2025	Low Tide Time	
D12	28 May 2025	Comments	Water clear; Surfer/Paddle boarder-1; Trash-2; Kelp;Seagrass;Debris; Person/Walker/Jogger-8

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Kelp Stations

Table 3.1

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

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

- 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
06 May 2025	IC	IC	IC	IC	IC	IC	IC	IC
12 May 2025	IC	IC	IC	IC	IC	IC	IC	IC
19 May 2025	IC	IC	IC	IC	IC	IC	IC	IC
27 May 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
06 May 2025	IC	IC	IC	IC	IC	IC	IC	IC
12 May 2025	IC	IC	IC	IC	IC	IC	IC	IC
19 May 2025	IC	IC	IC	IC	IC	IC	IC	IC
27 May 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	06 May 2025	807	1	<2	<2	<2
A1	06 May 2025	807	12	<2	<2	<2
A1	06 May 2025	807	18	<2	<2	<2
A1	12 May 2025	819	1	<2	<2	<2
A1	12 May 2025	819	12	<2	<2	<2
A1	12 May 2025	819	18	<2	<2	<2
A1	19 May 2025	746	1	<2	<2	<2
A1	19 May 2025	746	12	<2	<2	<2
A1	19 May 2025	746	18	<2	<2	<2
A1	27 May 2025	741	1	<2	2e	<2
A1	27 May 2025	741	12	2e	<2	<2
A1	27 May 2025	741	18	2e	<2	2e
A6	06 May 2025	834	1	<2	<2	<2
A6	06 May 2025	834	12	<2	<2	<2
A6	06 May 2025	834	18	2e	<2	<2
A6	12 May 2025	841	1	2e	<2	<2
A6	12 May 2025	841	12	2e	<2	<2
A6	12 May 2025	841	18	12e	<2	2e
A6	19 May 2025	819	1	<2	<2	<2
A6	19 May 2025	819	12	<2	<2	<2
A6	19 May 2025	819	18	<2	<2	<2
A6	27 May 2025	810	1	<2	<2	<2
A6	27 May 2025	810	12	4e	<2	2e
A6	27 May 2025	810	18	8e	<2	<2
A7	06 May 2025	807	1	<2	<2	<2
A7	06 May 2025	807	12	<2	<2	<2
A7	06 May 2025	807	18	<2	<2	<2
A7	12 May 2025	830	1	<2	<2	<2
A7	12 May 2025	830	12	<2	<2	<2
A7	12 May 2025	830	18	<2	<2	<2
A7	19 May 2025	805	1	2e	<2	<2
A7	19 May 2025	805	12	<2	<2	2e
A7	19 May 2025	805	18	<2	<2	<2
A7	27 May 2025	800	1	<20	<2	<2
A7	27 May 2025	800	12	2e	<2	<2
A7	27 May 2025	800	18	6e	<2	2e
C4	06 May 2025	1043	1	<2	<2	<2
C4	06 May 2025	1043	3	<2	<2	<2
C4	06 May 2025	1043	9	<2	<2	<2

Station	Date	Time	Depth	Total	Fecal	Entero
C4	12 May 2025	944	1	<2	<2	<2
C4	12 May 2025	944	3	<2	<2	<2
C4	12 May 2025	944	9	<2	<2	<2
C4	19 May 2025	937	1	<2	<2	<2
C4	19 May 2025	937	3	<2	<2	<2
C4	19 May 2025	937	9	2e	<2	<2
C4	27 May 2025	921	1	4e	2e	<2
C4	27 May 2025	921	3	<2	<2	<2
C4	27 May 2025	921	9	<2	<2	<2
C5	06 May 2025	1031	1	<2	<2	2e
C5	06 May 2025	1031	3	<2	<2	<2
C5	06 May 2025	1031	9	<2	<2	<2
C5	12 May 2025	934	1	<2	<2	<2
C5	12 May 2025	934	3	<2	<2	<2
C5	12 May 2025	934	9	<2	<2	<2
C5	19 May 2025	926	1	<2	<2	<2
C5	19 May 2025	926	3	<2	<2	2e
C5	19 May 2025	926	9	<2	<2	<2
C5	27 May 2025	911	1	<20	<2	<2
C5	27 May 2025	911	3	<20	<2	<2
C5	27 May 2025	911	9	4e	<2	<2
C6	06 May 2025	1022	1	<2	<2	<2
C6	06 May 2025	1022	3	<2	<2	<2
C6	06 May 2025	1022	9	<2	<2	<2
C6	12 May 2025	923	1	<2	<2	<2
C6	12 May 2025	923	3	<2	<2	<2
C6	12 May 2025	923	9	<2	<2	<2
C6	19 May 2025	916	1	<2	<2	<2
C6	19 May 2025	916	3	<2	<2	<2
C6	19 May 2025	916	9	<2	<2	<2
C6	27 May 2025	901	1	<20	<2	<2
C6	27 May 2025	901	3	<2	<2	<2
C6	27 May 2025	901	9	<2	<2	<2
C7	06 May 2025	946	1	12e	<2	<2
C7	06 May 2025	946	12	6e	2e	<2
C7	06 May 2025	946	18	2e	<2	<2
C7	12 May 2025	855	1	<2	<2	<2
C7	12 May 2025	855	12	<2	<2	<2
C7	12 May 2025	855	18	<2	<2	<2
C7	19 May 2025	836	1	<2	<2	<2
C7	19 May 2025	836	12	<2	<2	<2
C7	19 May 2025	836	18	<2	<2	<2
C7	27 May 2025	830	1	<20	<2	<2
C7	27 May 2025	830	12	<2	<2	<2
C7	27 May 2025	830	18	<2	<2	<2

Station	Date	Time	Depth	Total	Fecal	Entero
C8	06 May 2025	1001	1	2e	<2	<2
C8	06 May 2025	1001	12	<2	<2	<2
C8	06 May 2025	1001	18	2e	<2	<2
C8	12 May 2025	904	1	<2	<2	<2
C8	12 May 2025	904	12	<2	<2	<2
C8	12 May 2025	904	18	8e	2e	<2
C8	19 May 2025	856	1	<2	<2	<2
C8	19 May 2025	856	12	<2	<2	<2
C8	19 May 2025	856	18	<2	<2	<2
C8	27 May 2025	842	1	<20	<2	<2
C8	27 May 2025	842	12	<2	<2	<2
C8	27 May 2025	842	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	06 May 2025	Arrive Time	807
A1	06 May 2025	Depart Time	820
A1	06 May 2025	Air Temp (C)	14.9
A1	06 May 2025	Visibility (mi)	6
A1	06 May 2025	Wind Speed (kts)	5
A1	06 May 2025	Wind Dir	E
A1	06 May 2025	Sea State	Calm
A1	06 May 2025	High Tide Time	1900
A1	06 May 2025	Low Tide Time	1224
A1	06 May 2025	Comments	Caps left on transmissometer.
A1	12 May 2025	Arrive Time	812
A1	12 May 2025	Depart Time	819
A1	12 May 2025	Air Temp (C)	16.2
A1	12 May 2025	Visibility (mi)	4
A1	12 May 2025	Wind Speed (kts)	4.2
A1	12 May 2025	Wind Dir	S
A1	12 May 2025	Sea State	Confused Swell
A1	12 May 2025	High Tide Time	2118
A1	12 May 2025	Low Tide Time	354
A1	12 May 2025	Comments	
A1	19 May 2025	Arrive Time	746
A1	19 May 2025	Depart Time	758
A1	19 May 2025	Air Temp (C)	16.8
A1	19 May 2025	Visibility (mi)	10
A1	19 May 2025	Wind Speed (kts)	0
A1	19 May 2025	Wind Dir	SE
A1	19 May 2025	Sea State	Regular Swell
A1	19 May 2025	High Tide Time	118
A1	19 May 2025	Low Tide Time	924
A1	19 May 2025	Comments	2 sea lions on station; Kelp Debris
A1	27 May 2025	Arrive Time	741
A1	27 May 2025	Depart Time	748
A1	27 May 2025	Air Temp (C)	16.6
A1	27 May 2025	Visibility (mi)	10
A1	27 May 2025	Wind Speed (kts)	5.8
A1	27 May 2025	Wind Dir	W
A1	27 May 2025	Sea State	Light Chop
A1	27 May 2025	High Tide Time	2142
A1	27 May 2025	Low Tide Time	412
A1	27 May 2025	Comments	
C4	06 May 2025	Arrive Time	1043
C4	06 May 2025	Depart Time	1049
C4	06 May 2025	Air Temp (C)	18.6
C4	06 May 2025	Visibility (mi)	6
C4	06 May 2025	Wind Speed (kts)	5.5
C4	06 May 2025	Wind Dir	S
C4	06 May 2025	Sea State	Calm
C4	06 May 2025	High Tide Time	1900
C4	06 May 2025	Low Tide Time	1224
C4	06 May 2025	Comments	
C4	12 May 2025	Arrive Time	940

Station	Date	Parameter	Value
C4	12 May 2025	Depart Time	944
C4	12 May 2025	Air Temp (C)	17.3
C4	12 May 2025	Visibility (mi)	4
C4	12 May 2025	Wind Speed (kts)	5.7
C4	12 May 2025	Wind Dir	S
C4	12 May 2025	Sea State	Confused Swell
C4	12 May 2025	High Tide Time	2118
C4	12 May 2025	Low Tide Time	354
C4	12 May 2025	Comments	
C4	19 May 2025	Arrive Time	937
C4	19 May 2025	Depart Time	943
C4	19 May 2025	Air Temp (C)	19.3
C4	19 May 2025	Visibility (mi)	10
C4	19 May 2025	Wind Speed (kts)	2.5
C4	19 May 2025	Wind Dir	NW
C4	19 May 2025	Sea State	Regular Swell
C4	19 May 2025	High Tide Time	118
C4	19 May 2025	Low Tide Time	924
C4	19 May 2025	Comments	Kelp Debris: Seagrass; Surfers just off station
C4	27 May 2025	Arrive Time	921
C4	27 May 2025	Depart Time	926
C4	27 May 2025	Air Temp (C)	17.3
C4	27 May 2025	Visibility (mi)	10
C4	27 May 2025	Wind Speed (kts)	4
C4	27 May 2025	Wind Dir	W
C4	27 May 2025	Sea State	Confused Swell
C4	27 May 2025	High Tide Time	2142
C4	27 May 2025	Low Tide Time	412
C4	27 May 2025	Comments	
A7	06 May 2025	Arrive Time	820
A7	06 May 2025	Depart Time	834
A7	06 May 2025	Air Temp (C)	15.1
A7	06 May 2025	Visibility (mi)	6
A7	06 May 2025	Wind Speed (kts)	4
A7	06 May 2025	Wind Dir	SE
A7	06 May 2025	Sea State	Calm
A7	06 May 2025	High Tide Time	1900
A7	06 May 2025	Low Tide Time	1224
A7	06 May 2025	Comments	Caps left on transmissometer.
A7	12 May 2025	Arrive Time	825
A7	12 May 2025	Depart Time	830
A7	12 May 2025	Air Temp (C)	16.6
A7	12 May 2025	Visibility (mi)	4
A7	12 May 2025	Wind Speed (kts)	0
A7	12 May 2025	Wind Dir	SW
A7	12 May 2025	Sea State	Confused Swell
A7	12 May 2025	High Tide Time	2118
A7	12 May 2025	Low Tide Time	354
A7	12 May 2025	Comments	
A7	19 May 2025	Arrive Time	805
A7	19 May 2025	Depart Time	810
A7	19 May 2025	Air Temp (C)	17.5
A7	19 May 2025	Visibility (mi)	10
A7	19 May 2025	Wind Speed (kts)	0
A7	19 May 2025	Wind Dir	N
A7	19 May 2025	Sea State	Regular Swell

Station	Date	Parameter	Value
A7	19 May 2025	High Tide Time	118
A7	19 May 2025	Low Tide Time	924
A7	19 May 2025	Comments	Kelp Debris
A7	27 May 2025	Arrive Time	800
A7	27 May 2025	Depart Time	801
A7	27 May 2025	Air Temp (C)	16.6
A7	27 May 2025	Visibility (mi)	10
A7	27 May 2025	Wind Speed (kts)	5.2
A7	27 May 2025	Wind Dir	W
A7	27 May 2025	Sea State	Light Chop
A7	27 May 2025	High Tide Time	2142
A7	27 May 2025	Low Tide Time	412
A7	27 May 2025	Comments	
C5	06 May 2025	Arrive Time	1031
C5	06 May 2025	Depart Time	1042
C5	06 May 2025	Air Temp (C)	17.9
C5	06 May 2025	Visibility (mi)	6
C5	06 May 2025	Wind Speed (kts)	7.4
C5	06 May 2025	Wind Dir	S
C5	06 May 2025	Sea State	Calm
C5	06 May 2025	High Tide Time	1900
C5	06 May 2025	Low Tide Time	1224
C5	06 May 2025	Comments	Use niskin 4 for middle.
C5	12 May 2025	Arrive Time	930
C5	12 May 2025	Depart Time	934
C5	12 May 2025	Air Temp (C)	17.5
C5	12 May 2025	Visibility (mi)	4
C5	12 May 2025	Wind Speed (kts)	3.7
C5	12 May 2025	Wind Dir	SE
C5	12 May 2025	Sea State	Confused Swell
C5	12 May 2025	High Tide Time	2118
C5	12 May 2025	Low Tide Time	354
C5	12 May 2025	Comments	
C5	19 May 2025	Arrive Time	926
C5	19 May 2025	Depart Time	932
C5	19 May 2025	Air Temp (C)	18.7
C5	19 May 2025	Visibility (mi)	10
C5	19 May 2025	Wind Speed (kts)	0
C5	19 May 2025	Wind Dir	N
C5	19 May 2025	Sea State	Regular Swell
C5	19 May 2025	High Tide Time	118
C5	19 May 2025	Low Tide Time	924
C5	19 May 2025	Comments	Kelp Debris
C5	27 May 2025	Arrive Time	911
C5	27 May 2025	Depart Time	913
C5	27 May 2025	Air Temp (C)	17.3
C5	27 May 2025	Visibility (mi)	10
C5	27 May 2025	Wind Speed (kts)	3.8
C5	27 May 2025	Wind Dir	W
C5	27 May 2025	Sea State	Confused Swell
C5	27 May 2025	High Tide Time	2142
C5	27 May 2025	Low Tide Time	412
C5	27 May 2025	Comments	
A6	06 May 2025	Arrive Time	834
A6	06 May 2025	Depart Time	838

Station	Date	Parameter	Value
A6	06 May 2025	Air Temp (C)	15.6
A6	06 May 2025	Visibility (mi)	6
A6	06 May 2025	Wind Speed (kts)	3.5
A6	06 May 2025	Wind Dir	SE
A6	06 May 2025	Sea State	Calm
A6	06 May 2025	High Tide Time	1900
A6	06 May 2025	Low Tide Time	1224
A6	06 May 2025	Comments	Caps left on transmissometer.
A6	12 May 2025	Arrive Time	837
A6	12 May 2025	Depart Time	841
A6	12 May 2025	Air Temp (C)	17.3
A6	12 May 2025	Visibility (mi)	4
A6	12 May 2025	Wind Speed (kts)	0
A6	12 May 2025	Wind Dir	S
A6	12 May 2025	Sea State	Confused Swell
A6	12 May 2025	High Tide Time	2118
A6	12 May 2025	Low Tide Time	354
A6	12 May 2025	Comments	
A6	19 May 2025	Arrive Time	819
A6	19 May 2025	Depart Time	824
A6	19 May 2025	Air Temp (C)	17.9
A6	19 May 2025	Visibility (mi)	10
A6	19 May 2025	Wind Speed (kts)	0
A6	19 May 2025	Wind Dir	NE
A6	19 May 2025	Sea State	Regular Swell
A6	19 May 2025	High Tide Time	118
A6	19 May 2025	Low Tide Time	924
A6	19 May 2025	Comments	
A6	27 May 2025	Arrive Time	810
A6	27 May 2025	Depart Time	818
A6	27 May 2025	Air Temp (C)	16.5
A6	27 May 2025	Visibility (mi)	10
A6	27 May 2025	Wind Speed (kts)	6.2
A6	27 May 2025	Wind Dir	W
A6	27 May 2025	Sea State	Confused Swell
A6	27 May 2025	High Tide Time	2142
A6	27 May 2025	Low Tide Time	412
A6	27 May 2025	Comments	
C6	06 May 2025	Arrive Time	1022
C6	06 May 2025	Depart Time	1024
C6	06 May 2025	Air Temp (C)	18.4
C6	06 May 2025	Visibility (mi)	6
C6	06 May 2025	Wind Speed (kts)	5.7
C6	06 May 2025	Wind Dir	S
C6	06 May 2025	Sea State	Calm
C6	06 May 2025	High Tide Time	1900
C6	06 May 2025	Low Tide Time	1224
C6	06 May 2025	Comments	
C6	12 May 2025	Arrive Time	920
C6	12 May 2025	Depart Time	923
C6	12 May 2025	Air Temp (C)	16.9
C6	12 May 2025	Visibility (mi)	4
C6	12 May 2025	Wind Speed (kts)	0.9
C6	12 May 2025	Wind Dir	SE
C6	12 May 2025	Sea State	Confused Swell
C6	12 May 2025	High Tide Time	2118

Station	Date	Parameter	Value
C6	12 May 2025	Low Tide Time	354
C6	12 May 2025	Comments	kelp debris on station
C6	19 May 2025	Arrive Time	916
C6	19 May 2025	Depart Time	920
C6	19 May 2025	Air Temp (C)	18.1
C6	19 May 2025	Visibility (mi)	10
C6	19 May 2025	Wind Speed (kts)	2.5
C6	19 May 2025	Wind Dir	NW
C6	19 May 2025	Sea State	Regular Swell
C6	19 May 2025	High Tide Time	118
C6	19 May 2025	Low Tide Time	924
C6	19 May 2025	Comments	
C6	27 May 2025	Arrive Time	901
C6	27 May 2025	Depart Time	903
C6	27 May 2025	Air Temp (C)	17.6
C6	27 May 2025	Visibility (mi)	10
C6	27 May 2025	Wind Speed (kts)	6.9
C6	27 May 2025	Wind Dir	W
C6	27 May 2025	Sea State	Confused Swell
C6	27 May 2025	High Tide Time	2142
C6	27 May 2025	Low Tide Time	412
C6	27 May 2025	Comments	
C7	06 May 2025	Arrive Time	946
C7	06 May 2025	Depart Time	954
C7	06 May 2025	Air Temp (C)	17.1
C7	06 May 2025	Visibility (mi)	6
C7	06 May 2025	Wind Speed (kts)	1.7
C7	06 May 2025	Wind Dir	S
C7	06 May 2025	Sea State	Calm
C7	06 May 2025	High Tide Time	1900
C7	06 May 2025	Low Tide Time	1224
C7	06 May 2025	Comments	
C7	12 May 2025	Arrive Time	851
C7	12 May 2025	Depart Time	855
C7	12 May 2025	Air Temp (C)	17.4
C7	12 May 2025	Visibility (mi)	4
C7	12 May 2025	Wind Speed (kts)	0
C7	12 May 2025	Wind Dir	S
C7	12 May 2025	Sea State	Confused Swell
C7	12 May 2025	High Tide Time	2118
C7	12 May 2025	Low Tide Time	354
C7	12 May 2025	Comments	kelp debris on station, light wind 0kts
C7	19 May 2025	Arrive Time	835
C7	19 May 2025	Depart Time	849
C7	19 May 2025	Air Temp (C)	18.3
C7	19 May 2025	Visibility (mi)	10
C7	19 May 2025	Wind Speed (kts)	0
C7	19 May 2025	Wind Dir	NW
C7	19 May 2025	Sea State	Regular Swell
C7	19 May 2025	High Tide Time	118
C7	19 May 2025	Low Tide Time	924
C7	19 May 2025	Comments	Low Tide; unable to locate depth of 18m within station limits; Unable to Obtain Depth
C7	27 May 2025	Arrive Time	830
C7	27 May 2025	Depart Time	834

Station	Date	Parameter	Value
C7	27 May 2025	Air Temp (C)	17.2
C7	27 May 2025	Visibility (mi)	10
C7	27 May 2025	Wind Speed (kts)	5.3
C7	27 May 2025	Wind Dir	W
C7	27 May 2025	Sea State	Confused Swell
C7	27 May 2025	High Tide Time	2142
C7	27 May 2025	Low Tide Time	412
C7	27 May 2025	Comments	
C8	06 May 2025	Arrive Time	1001
C8	06 May 2025	Depart Time	1021
C8	06 May 2025	Air Temp (C)	17.7
C8	06 May 2025	Visibility (mi)	6
C8	06 May 2025	Wind Speed (kts)	4.9
C8	06 May 2025	Wind Dir	S
C8	06 May 2025	Sea State	Calm
C8	06 May 2025	High Tide Time	1900
C8	06 May 2025	Low Tide Time	1224
C8	06 May 2025	Comments	
C8	12 May 2025	Arrive Time	903
C8	12 May 2025	Depart Time	904
C8	12 May 2025	Air Temp (C)	18.3
C8	12 May 2025	Visibility (mi)	4
C8	12 May 2025	Wind Speed (kts)	4.5
C8	12 May 2025	Wind Dir	S
C8	12 May 2025	Sea State	Confused Swell
C8	12 May 2025	High Tide Time	2118
C8	12 May 2025	Low Tide Time	354
C8	12 May 2025	Comments	kelp debris on station
C8	19 May 2025	Arrive Time	856
C8	19 May 2025	Depart Time	900
C8	19 May 2025	Air Temp (C)	18.3
C8	19 May 2025	Visibility (mi)	10
C8	19 May 2025	Wind Speed (kts)	3.9
C8	19 May 2025	Wind Dir	W
C8	19 May 2025	Sea State	Regular Swell
C8	19 May 2025	High Tide Time	118
C8	19 May 2025	Low Tide Time	924
C8	19 May 2025	Comments	
C8	27 May 2025	Arrive Time	842
C8	27 May 2025	Depart Time	844
C8	27 May 2025	Air Temp (C)	17
C8	27 May 2025	Visibility (mi)	10
C8	27 May 2025	Wind Speed (kts)	4.5
C8	27 May 2025	Wind Dir	W
C8	27 May 2025	Sea State	Confused Swell
C8	27 May 2025	High Tide Time	2142
C8	27 May 2025	Low Tide Time	412
C8	27 May 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	06 May 2025	1	15.70	NA	9.0	33.63	8.2	24.8	2.63
A1	06 May 2025	2	15.65	NA	9.0	33.63	8.2	24.8	3.15
A1	06 May 2025	3	15.37	NA	9.1	33.64	8.2	24.8	4.18
A1	06 May 2025	4	15.28	NA	9.1	33.65	8.2	24.9	6.17
A1	06 May 2025	5	15.28	NA	8.9	33.65	8.2	24.9	6.54
A1	06 May 2025	6	15.28	NA	8.9	33.65	8.2	24.9	6.53
A1	06 May 2025	7	15.28	NA	8.9	33.65	8.2	24.9	6.50
A1	06 May 2025	8	15.28	NA	8.9	33.65	8.2	24.9	6.56
A1	06 May 2025	9	15.26	NA	8.9	33.65	8.2	24.9	6.56
A1	06 May 2025	10	15.21	NA	8.9	33.65	8.2	24.9	7.01
A1	06 May 2025	11	15.16	NA	8.9	33.65	8.2	24.9	7.34
A1	06 May 2025	12	14.86	NA	9.0	33.66	8.2	25.0	7.09
A1	06 May 2025	13	14.73	NA	8.9	33.66	8.2	25.0	6.75
A1	06 May 2025	14	14.47	NA	8.5	33.66	8.2	25.1	5.52
A1	06 May 2025	15	14.27	NA	8.1	33.67	8.2	25.1	4.10
A1	06 May 2025	16	14.09	NA	7.7	33.67	8.1	25.1	3.24
A1	06 May 2025	17	13.62	NA	7.1	33.67	8.1	25.2	2.38
A1	06 May 2025	18	12.96	NA	6.2	33.68	8.0	25.4	1.32
A1	06 May 2025	19	12.48	NA	5.5	33.67	7.9	25.5	0.83
A1	12 May 2025	1	16.11	50.53	9.8	33.56	8.2	24.6	1.04
A1	12 May 2025	2	16.11	75.66	9.8	33.52	8.2	24.6	1.06
A1	12 May 2025	3	16.09	87.56	9.8	33.55	8.2	24.6	1.08
A1	12 May 2025	4	15.87	90.46	9.9	33.59	8.2	24.7	1.29
A1	12 May 2025	5	15.71	89.98	10.0	33.58	8.2	24.7	1.38
A1	12 May 2025	6	15.11	88.25	9.9	33.58	8.2	24.9	2.52
A1	12 May 2025	7	15.06	87.84	9.9	33.58	8.2	24.9	3.02
A1	12 May 2025	8	15.04	85.95	9.8	33.57	8.2	24.9	NA
A1	12 May 2025	9	14.69	84.12	9.6	33.57	8.2	24.9	NA
A1	12 May 2025	10	14.51	81.24	9.5	33.57	8.2	25.0	NA
A1	12 May 2025	11	14.16	78.2	9.2	33.57	8.1	25.1	NA
A1	12 May 2025	12	13.99	76.32	8.9	33.57	8.1	25.1	NA
A1	12 May 2025	13	13.54	78.27	8.5	33.57	8.1	25.2	NA
A1	12 May 2025	14	13.57	79.95	8.2	33.56	8.1	25.2	NA
A1	12 May 2025	15	12.97	82.34	7.6	33.55	8.0	25.3	NA
A1	12 May 2025	16	12.31	87.95	6.7	33.58	7.9	25.4	2.52
A1	12 May 2025	17	12.25	89.45	6.3	33.56	7.9	25.4	2.24
A1	12 May 2025	18	11.80	91.42	5.7	33.59	7.8	25.5	0.97
A1	12 May 2025	19	11.83	90.65	5.5	33.58	7.8	25.5	0.97
A1	19 May 2025	1	17.01	91.13	9.9	33.59	8.2	24.4	0.81
A1	19 May 2025	2	17.01	91.12	9.9	33.59	8.2	24.4	0.83
A1	19 May 2025	3	17.01	91.09	9.9	33.59	8.2	24.4	0.85
A1	19 May 2025	4	17.01	91.2	9.9	33.59	8.2	24.4	0.88
A1	19 May 2025	5	17.00	91.19	9.9	33.59	8.2	24.4	0.88
A1	19 May 2025	6	16.96	90.94	9.9	33.59	8.2	24.4	0.91
A1	19 May 2025	7	16.75	91.05	9.8	33.60	8.2	24.5	0.90
A1	19 May 2025	8	15.04	90.95	10.4	33.63	8.2	24.9	1.22
A1	19 May 2025	9	14.26	90.68	10.6	33.56	8.2	25.0	1.68
A1	19 May 2025	10	13.87	89.96	10.3	33.56	8.1	25.1	2.32
A1	19 May 2025	11	13.66	89.16	9.9	33.54	8.1	25.1	3.64
A1	19 May 2025	12	13.35	87.88	9.3	33.55	8.1	25.2	4.55
A1	19 May 2025	13	13.00	85.94	8.6	33.56	8.0	25.3	6.99
A1	19 May 2025	14	12.53	83.49	7.7	33.58	8.0	25.4	10.14
A1	19 May 2025	15	12.31	80.16	6.9	33.58	7.9	25.4	11.12
A1	19 May 2025	16	12.17	80.12	6.6	33.59	7.8	25.5	10.38
A1	19 May 2025	17	11.99	81.52	6.2	33.60	7.8	25.5	8.41
A1	19 May 2025	18	11.87	83.13	5.8	33.62	7.8	25.5	5.42
A1	27 May 2025	1	18.46	87.54	10.7	33.60	8.3	24.1	1.56
A1	27 May 2025	2	17.20	87.61	10.1	33.56	8.3	24.4	1.75
A1	27 May 2025	3	15.27	83.06	8.8	33.61	8.1	24.8	4.91
A1	27 May 2025	4	14.59	83.55	7.8	33.56	8.1	24.9	6.36
A1	27 May 2025	5	13.68	82.84	7.1	33.56	8.0	25.1	7.96
A1	27 May 2025	6	13.40	81.43	6.8	33.55	7.9	25.2	9.64
A1	27 May 2025	7	13.25	80.55	6.6	33.55	7.9	25.2	10.18
A1	27 May 2025	8	13.22	80.69	6.4	33.55	7.9	25.2	10.61
A1	27 May 2025	9	13.20	81.13	6.3	33.55	7.9	25.2	11.34

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A1	27 May 2025	10	13.21	81.11	6.2	33.56	7.9	25.2	11.10
A1	27 May 2025	11	13.02	80.92	5.9	33.56	7.9	25.3	11.13
A1	27 May 2025	12	12.13	81.17	5.4	33.57	7.9	25.5	11.27
A1	27 May 2025	13	11.87	92.62	5.3	33.55	7.8	25.5	6.56
A1	27 May 2025	14	11.55	91	5.4	33.53	7.8	25.5	3.56
A1	27 May 2025	15	11.52	73.12	5.4	33.54	7.8	25.5	1.12
A1	27 May 2025	16	11.57	87.64	5.3	33.54	7.8	25.5	1.23
A1	27 May 2025	17	11.56	89.73	5.2	33.56	7.8	25.6	1.34
A1	27 May 2025	18	11.57	94.43	4.9	33.58	7.8	25.6	0.81
A1	27 May 2025	19	11.58	92.94	4.8	33.58	7.8	25.6	0.76
C4	06 May 2025	1	16.55	76.17	7.9	33.60	8.1	24.5	0.59
C4	06 May 2025	2	16.48	76.96	7.9	33.60	8.1	24.6	0.63
C4	06 May 2025	3	16.22	77.69	8.4	33.61	8.2	24.6	1.30
C4	06 May 2025	4	16.16	79.4	8.6	33.60	8.2	24.6	1.74
C4	06 May 2025	5	16.05	79.92	8.8	33.61	8.2	24.7	2.04
C4	06 May 2025	6	15.94	80.43	8.9	33.62	8.2	24.7	2.35
C4	06 May 2025	7	15.38	81.27	9.1	33.63	8.2	24.8	2.31
C4	06 May 2025	8	15.14	84.55	9.0	33.64	8.2	24.9	1.78
C4	06 May 2025	9	14.90	86.17	8.6	33.65	8.2	25.0	1.41
C4	06 May 2025	10	14.82	86.46	8.3	33.65	8.2	25.0	0.96
C4	06 May 2025	11	14.85	85.83	8.2	33.65	8.2	25.0	1.09
C4	12 May 2025	1	14.96	87.47	9.8	33.58	8.2	24.9	1.26
C4	12 May 2025	2	14.92	87.61	9.9	33.58	8.2	24.9	1.24
C4	12 May 2025	3	14.88	87.87	9.9	33.58	8.2	24.9	1.65
C4	12 May 2025	4	14.86	87.38	9.9	33.58	8.2	24.9	1.95
C4	12 May 2025	5	14.80	86.96	9.9	33.58	8.2	24.9	2.38
C4	12 May 2025	6	14.76	86	9.9	33.58	8.2	24.9	3.89
C4	12 May 2025	7	14.70	83.77	9.8	33.58	8.2	24.9	5.75
C4	12 May 2025	8	14.58	82.41	9.6	33.58	8.2	25.0	6.17
C4	12 May 2025	9	14.14	82.61	8.8	33.58	8.2	25.1	5.69
C4	12 May 2025	10	13.66	83.81	8.0	33.58	8.1	25.2	3.06
C4	12 May 2025	11	12.68	85.52	6.7	33.58	8.0	25.4	1.78
C4	12 May 2025	12	12.96	82.6	6.4	33.57	7.9	25.3	1.72
C4	19 May 2025	1	16.92	89.42	10.0	33.61	8.2	24.5	0.52
C4	19 May 2025	2	16.88	89.66	10.0	33.61	8.2	24.5	0.57
C4	19 May 2025	3	16.84	89.73	10.0	33.61	8.2	24.5	0.65
C4	19 May 2025	4	16.84	89.66	10.0	33.61	8.2	24.5	0.70
C4	19 May 2025	5	16.73	89.99	10.1	33.61	8.2	24.5	0.73
C4	19 May 2025	6	16.66	90.22	9.9	33.61	8.2	24.5	0.83
C4	19 May 2025	7	16.28	90.1	9.4	33.64	8.2	24.6	0.95
C4	19 May 2025	8	14.75	88.76	8.7	33.66	8.1	25.0	1.79
C4	19 May 2025	9	14.26	87.72	7.8	33.66	8.1	25.1	1.28
C4	19 May 2025	10	13.30	88.21	6.7	33.66	7.9	25.3	0.54
C4	19 May 2025	11	13.21	85.07	6.3	33.64	7.9	25.3	0.36
C4	27 May 2025	1	18.65	86.9	10.8	33.62	8.4	24.1	1.09
C4	27 May 2025	2	18.46	87.06	11.0	33.62	8.4	24.1	1.24
C4	27 May 2025	3	18.10	86.86	11.0	33.59	8.4	24.2	1.75
C4	27 May 2025	4	16.85	83.52	11.2	33.56	8.3	24.4	3.56
C4	27 May 2025	5	16.34	75.4	10.8	33.59	8.3	24.6	14.28
C4	27 May 2025	6	16.09	68.79	9.8	33.57	8.3	24.6	17.49
C4	27 May 2025	7	15.28	69.88	8.4	33.57	8.2	24.8	16.79
C4	27 May 2025	8	14.83	75.04	7.1	33.60	8.1	24.9	10.37
C4	27 May 2025	9	14.72	81.27	6.2	33.59	8.0	24.9	7.58
C4	27 May 2025	10	14.27	84.8	5.3	33.60	7.9	25.0	4.50
C4	27 May 2025	11	14.25	79.95	4.7	33.60	7.8	25.1	2.44
C4	27 May 2025	12	14.31	78.57	4.7	33.60	7.8	25.0	2.88
A7	06 May 2025	1	16.24	NA	8.6	33.54	8.2	24.6	0.92
A7	06 May 2025	2	16.24	NA	8.6	33.55	8.2	24.6	0.92
A7	06 May 2025	3	16.22	NA	8.5	33.55	8.2	24.6	0.95
A7	06 May 2025	4	16.13	NA	8.4	33.56	8.2	24.6	1.09
A7	06 May 2025	5	15.82	NA	8.4	33.58	8.2	24.7	1.60
A7	06 May 2025	6	15.55	NA	8.3	33.59	8.2	24.8	2.30
A7	06 May 2025	7	15.37	NA	8.6	33.61	8.2	24.8	3.04
A7	06 May 2025	8	15.29	NA	9.1	33.63	8.2	24.8	4.69
A7	06 May 2025	9	15.19	NA	9.5	33.64	8.3	24.9	7.40
A7	06 May 2025	10	15.12	NA	9.6	33.64	8.3	24.9	8.52
A7	06 May 2025	11	14.86	NA	9.3	33.65	8.3	25.0	9.13
A7	06 May 2025	12	14.65	NA	9.0	33.65	8.2	25.0	9.56
A7	06 May 2025	13	14.61	NA	8.8	33.65	8.2	25.0	9.26

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A7	06 May 2025	14	14.36	NA	8.4	33.63	8.2	25.1	8.76
A7	06 May 2025	15	13.99	NA	8.0	33.65	8.2	25.1	6.52
A7	06 May 2025	16	13.83	NA	7.6	33.66	8.1	25.2	4.63
A7	06 May 2025	17	13.70	NA	7.4	33.66	8.1	25.2	3.83
A7	06 May 2025	18	13.57	NA	6.9	33.65	8.1	25.2	3.31
A7	06 May 2025	19	13.03	NA	6.2	33.67	8.0	25.4	1.37
A7	12 May 2025	1	15.49	87.03	10.5	33.58	8.2	24.8	1.21
A7	12 May 2025	2	15.47	86.73	10.5	33.58	8.2	24.8	1.26
A7	12 May 2025	3	15.39	87.23	10.6	33.59	8.3	24.8	1.35
A7	12 May 2025	4	15.28	89.65	10.4	33.58	8.3	24.8	1.56
A7	12 May 2025	5	14.92	89.27	10.2	33.58	8.2	24.9	2.37
A7	12 May 2025	6	14.78	86.54	10.0	33.58	8.2	24.9	5.98
A7	12 May 2025	7	14.69	81.64	9.8	33.58	8.2	24.9	9.17
A7	12 May 2025	8	14.61	79.3	9.6	33.58	8.2	25.0	9.63
A7	12 May 2025	9	14.52	79.99	9.4	33.58	8.2	25.0	8.94
A7	12 May 2025	10	14.24	79.74	8.9	33.57	8.2	25.0	9.32
A7	12 May 2025	11	13.42	80.92	8.3	33.58	8.1	25.2	7.60
A7	12 May 2025	12	12.95	85.93	7.6	33.60	8.0	25.3	4.64
A7	12 May 2025	13	12.80	90.13	7.2	33.57	8.0	25.3	3.61
A7	12 May 2025	14	12.34	91.54	6.7	33.59	8.0	25.4	2.40
A7	12 May 2025	15	12.21	91.92	6.5	33.59	7.9	25.5	2.36
A7	12 May 2025	16	12.12	91.88	6.4	33.59	7.9	25.5	2.56
A7	12 May 2025	17	11.95	92.21	6.3	33.58	7.9	25.5	2.49
A7	12 May 2025	18	11.72	92.67	6.2	33.59	7.9	25.5	2.17
A7	12 May 2025	19	11.72	93.82	5.9	33.59	7.9	25.5	1.76
A7	12 May 2025	20	11.67	93.89	5.9	33.60	7.9	25.6	1.71
A7	19 May 2025	1	17.13	90.9	9.8	33.59	8.2	24.4	0.66
A7	19 May 2025	2	17.07	91.11	10.0	33.59	8.2	24.4	0.68
A7	19 May 2025	3	17.04	91.25	10.0	33.60	8.2	24.4	0.75
A7	19 May 2025	4	16.27	90.94	10.3	33.62	8.2	24.6	0.91
A7	19 May 2025	5	15.41	90.42	10.8	33.58	8.2	24.8	1.44
A7	19 May 2025	6	14.93	88.59	11.1	33.57	8.2	24.9	2.65
A7	19 May 2025	7	14.80	87.58	11.1	33.56	8.2	24.9	3.46
A7	19 May 2025	8	14.68	87.18	11.1	33.55	8.2	24.9	3.67
A7	19 May 2025	9	14.70	87.05	11.0	33.56	8.2	24.9	3.86
A7	19 May 2025	10	14.54	87.44	10.9	33.56	8.2	25.0	4.70
A7	19 May 2025	11	14.24	83.26	10.6	33.58	8.2	25.0	8.69
A7	19 May 2025	12	14.01	78.92	10.0	33.58	8.1	25.1	10.82
A7	19 May 2025	13	13.75	78.73	9.2	33.60	8.1	25.2	11.16
A7	19 May 2025	14	13.43	78.46	8.5	33.62	8.1	25.2	10.85
A7	19 May 2025	15	13.07	80	7.8	33.62	8.0	25.3	9.80
A7	19 May 2025	16	12.82	81.34	7.2	33.62	7.9	25.4	9.19
A7	19 May 2025	17	12.53	82.67	6.7	33.63	7.9	25.4	8.12
A7	19 May 2025	18	12.09	84.11	6.1	33.65	7.8	25.5	7.10
A7	19 May 2025	19	11.87	86.47	5.7	33.65	7.8	25.6	4.97
A7	27 May 2025	1	19.31	88.74	8.8	33.61	8.2	23.9	1.14
A7	27 May 2025	2	19.26	79.07	8.8	33.60	8.2	23.9	1.20
A7	27 May 2025	3	18.75	87.73	9.0	33.59	8.2	24.0	1.51
A7	27 May 2025	4	18.20	84.59	9.2	33.60	8.2	24.1	3.12
A7	27 May 2025	5	17.49	82.17	8.6	33.57	8.2	24.3	3.53
A7	27 May 2025	6	15.74	79.6	7.7	33.58	8.1	24.7	7.84
A7	27 May 2025	7	15.37	74.86	6.9	33.56	8.0	24.8	12.79
A7	27 May 2025	8	14.23	76.86	6.3	33.58	8.0	25.0	11.86
A7	27 May 2025	9	13.83	77.29	5.8	33.58	7.9	25.1	13.13
A7	27 May 2025	10	13.29	75.91	5.4	33.57	7.9	25.2	13.67
A7	27 May 2025	11	12.74	73.93	5.1	33.55	7.8	25.3	17.15
A7	27 May 2025	12	12.31	75.42	5.0	33.56	7.8	25.4	16.07
A7	27 May 2025	13	11.97	87.19	5.1	33.54	7.8	25.5	11.52
A7	27 May 2025	14	11.67	94.32	5.3	33.53	7.8	25.5	2.26
A7	27 May 2025	15	11.53	96.8	5.4	33.52	7.8	25.5	0.80
A7	27 May 2025	16	11.51	97.1	5.3	33.52	7.8	25.5	0.81
A7	27 May 2025	17	11.47	97.08	5.3	33.55	7.8	25.6	0.83
A7	27 May 2025	18	11.44	96.49	5.0	33.56	7.8	25.6	0.84
A7	27 May 2025	19	11.36	95.95	4.7	33.60	7.8	25.6	0.64
C5	06 May 2025	1	16.74	79.69	8.0	33.59	8.1	24.5	0.45
C5	06 May 2025	2	16.68	80.04	7.8	33.59	8.1	24.5	0.49
C5	06 May 2025	3	16.39	80.39	7.3	33.59	8.1	24.6	0.52
C5	06 May 2025	4	16.07	80.92	7.1	33.59	8.1	24.6	0.45
C5	06 May 2025	5	15.65	82.42	7.3	33.57	8.1	24.7	0.66
C5	06 May 2025	6	15.20	85.46	7.2	33.59	8.1	24.8	0.89

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C5	06 May 2025	7	15.24	88.72	7.0	33.59	8.0	24.8	0.60
C5	06 May 2025	8	14.76	89.2	6.6	33.59	8.0	24.9	0.71
C5	06 May 2025	9	14.52	88.66	6.2	33.61	8.0	25.0	0.41
C5	06 May 2025	10	14.47	85.03	6.0	33.62	8.0	25.0	0.39
C5	06 May 2025	11	14.48	81.21	6.0	33.62	8.0	25.0	0.46
C5	12 May 2025	1	15.69	76.15	10.9	33.59	8.3	24.7	4.23
C5	12 May 2025	2	15.67	77.53	10.9	33.59	8.3	24.7	5.17
C5	12 May 2025	3	15.65	70.97	10.9	33.58	8.3	24.7	6.92
C5	12 May 2025	4	15.46	68.09	11.1	33.59	8.3	24.8	11.55
C5	12 May 2025	5	15.43	69.16	11.1	33.58	8.3	24.8	14.14
C5	12 May 2025	6	15.43	70.43	10.8	33.58	8.3	24.8	12.64
C5	12 May 2025	7	15.34	78.44	10.6	33.59	8.3	24.8	9.05
C5	12 May 2025	8	15.18	77.83	10.5	33.58	8.3	24.8	10.47
C5	12 May 2025	9	14.87	72.77	10.1	33.59	8.2	24.9	15.34
C5	12 May 2025	10	14.27	76.33	9.4	33.59	8.2	25.0	8.81
C5	12 May 2025	11	14.57	81.37	9.5	33.57	8.2	25.0	7.73
C5	19 May 2025	1	17.33	89.54	10.5	33.61	8.3	24.4	0.46
C5	19 May 2025	2	17.16	89.3	10.5	33.61	8.3	24.4	0.50
C5	19 May 2025	3	17.04	89.26	10.4	33.61	8.3	24.4	0.62
C5	19 May 2025	4	16.91	89.34	10.4	33.61	8.3	24.5	0.70
C5	19 May 2025	5	16.60	89.55	10.4	33.62	8.3	24.5	0.83
C5	19 May 2025	6	15.66	75.15	11.2	33.63	8.3	24.8	21.60
C5	19 May 2025	7	14.83	65.8	9.7	33.63	8.2	25.0	19.12
C5	19 May 2025	8	13.96	75.68	8.3	33.65	8.1	25.1	8.07
C5	19 May 2025	9	13.77	85.97	7.9	33.63	8.0	25.2	2.39
C5	27 May 2025	1	19.28	83.04	9.2	33.65	8.3	23.9	1.01
C5	27 May 2025	2	19.22	84.15	9.3	33.65	8.3	23.9	1.09
C5	27 May 2025	3	19.19	84.55	9.3	33.65	8.3	23.9	1.19
C5	27 May 2025	4	19.09	84.97	9.3	33.64	8.3	24.0	1.28
C5	27 May 2025	5	19.04	84.93	9.0	33.63	8.3	24.0	1.52
C5	27 May 2025	6	17.34	82.71	8.4	33.57	8.3	24.3	3.03
C5	27 May 2025	7	15.58	74.53	7.3	33.59	8.1	24.8	11.08
C5	27 May 2025	8	14.95	76.98	6.3	33.60	8.0	24.9	7.06
C5	27 May 2025	9	14.55	83.73	5.6	33.58	7.9	25.0	5.35
C5	27 May 2025	10	14.13	84.37	5.1	33.59	7.9	25.1	3.68
C5	27 May 2025	11	14.21	82.22	5.0	33.58	7.8	25.0	2.86
A6	06 May 2025	1	16.37	NA	9.0	33.54	8.2	24.5	1.02
A6	06 May 2025	2	16.37	NA	9.0	33.54	8.2	24.5	0.99
A6	06 May 2025	3	16.37	NA	9.0	33.54	8.2	24.5	0.97
A6	06 May 2025	4	16.36	NA	9.0	33.54	8.2	24.5	1.05
A6	06 May 2025	5	16.36	NA	9.0	33.54	8.2	24.5	1.08
A6	06 May 2025	6	16.35	NA	9.0	33.54	8.2	24.5	1.07
A6	06 May 2025	7	16.35	NA	9.0	33.54	8.2	24.5	1.11
A6	06 May 2025	8	16.33	NA	9.0	33.54	8.2	24.5	1.13
A6	06 May 2025	9	16.31	NA	8.9	33.54	8.2	24.6	1.15
A6	06 May 2025	10	16.30	NA	8.9	33.54	8.2	24.6	1.19
A6	06 May 2025	11	16.29	NA	8.9	33.54	8.2	24.6	1.24
A6	06 May 2025	12	16.15	NA	8.8	33.53	8.2	24.6	1.39
A6	06 May 2025	13	15.78	NA	8.7	33.55	8.2	24.7	2.69
A6	06 May 2025	14	15.66	NA	8.6	33.55	8.1	24.7	3.69
A6	06 May 2025	15	15.62	NA	8.5	33.55	8.1	24.7	3.73
A6	06 May 2025	16	15.54	NA	8.2	33.55	8.1	24.7	3.26
A6	06 May 2025	17	14.97	NA	7.5	33.55	8.1	24.9	2.40
A6	06 May 2025	18	13.37	NA	6.6	33.66	8.0	25.3	0.94
A6	06 May 2025	19	14.61	NA	7.1	33.56	8.0	24.9	0.84
A6	12 May 2025	1	15.41	87.01	10.0	33.59	8.2	24.8	1.06
A6	12 May 2025	2	15.36	88.4	10.0	33.59	8.2	24.8	1.17
A6	12 May 2025	3	15.06	88.99	10.2	33.58	8.2	24.9	1.51
A6	12 May 2025	4	14.72	86.56	10.2	33.59	8.2	24.9	4.99
A6	12 May 2025	5	14.70	83.82	9.9	33.58	8.2	24.9	5.67
A6	12 May 2025	6	14.12	83.11	9.4	33.59	8.2	25.1	6.73
A6	12 May 2025	7	13.94	83.61	8.9	33.59	8.1	25.1	6.73
A6	12 May 2025	8	13.92	84.89	8.7	33.58	8.1	25.1	6.52
A6	12 May 2025	9	13.62	85.38	8.4	33.59	8.1	25.2	6.36
A6	12 May 2025	10	13.61	85.86	8.3	33.59	8.1	25.2	6.02
A6	12 May 2025	11	13.20	87.46	7.9	33.60	8.1	25.3	5.34
A6	12 May 2025	12	12.86	89.06	7.4	33.61	8.0	25.3	4.36
A6	12 May 2025	13	12.59	88.3	7.0	33.66	8.0	25.4	4.06
A6	12 May 2025	14	12.14	89.31	6.5	33.64	7.9	25.5	2.96

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A6	12 May 2025	15	11.70	91.2	6.0	33.62	7.9	25.6	3.09
A6	12 May 2025	16	11.72	92.7	5.9	33.62	7.9	25.6	2.84
A6	12 May 2025	17	11.61	93.14	5.8	33.62	7.9	25.6	2.44
A6	12 May 2025	18	11.48	94.01	5.6	33.62	7.9	25.6	1.75
A6	19 May 2025	1	17.03	89.46	10.1	33.59	8.2	24.4	0.69
A6	19 May 2025	2	17.03	90.04	10.1	33.59	8.2	24.4	0.70
A6	19 May 2025	3	17.02	90.77	10.1	33.59	8.2	24.4	0.79
A6	19 May 2025	4	17.01	90.88	10.1	33.60	8.2	24.4	0.82
A6	19 May 2025	5	16.97	90.75	10.1	33.59	8.2	24.4	0.86
A6	19 May 2025	6	16.91	90.73	10.0	33.59	8.2	24.5	0.91
A6	19 May 2025	7	16.63	90.89	10.1	33.62	8.2	24.5	0.98
A6	19 May 2025	8	16.08	90.13	10.5	33.61	8.2	24.7	1.99
A6	19 May 2025	9	15.51	88.19	10.6	33.64	8.2	24.8	4.75
A6	19 May 2025	10	14.92	81.28	10.3	33.64	8.2	24.9	11.81
A6	19 May 2025	11	14.50	75.51	9.8	33.63	8.2	25.0	12.82
A6	19 May 2025	12	14.19	75.16	9.4	33.62	8.1	25.1	13.02
A6	19 May 2025	13	13.67	75.22	9.0	33.62	8.1	25.2	12.95
A6	19 May 2025	14	13.15	76.14	8.4	33.63	8.0	25.3	11.99
A6	19 May 2025	15	12.75	77.98	7.6	33.62	8.0	25.4	10.30
A6	19 May 2025	16	12.44	82.12	6.8	33.62	7.9	25.4	7.86
A6	19 May 2025	17	12.13	84.57	6.2	33.64	7.8	25.5	6.50
A6	19 May 2025	18	12.04	86.41	5.9	33.64	7.8	25.5	5.24
A6	19 May 2025	19	12.01	87.2	5.7	33.64	7.8	25.5	4.71
A6	19 May 2025	20	11.99	87.71	5.6	33.64	7.8	25.5	4.24
A6	19 May 2025	21	11.93	88.9	5.5	33.65	7.8	25.6	3.62
A6	27 May 2025	1	19.39	92.75	9.1	33.56	8.2	23.8	0.80
A6	27 May 2025	2	19.42	92.7	9.0	33.60	8.2	23.8	0.76
A6	27 May 2025	3	18.76	93.17	9.4	33.57	8.3	24.0	0.77
A6	27 May 2025	4	16.32	92.03	10.6	33.59	8.3	24.6	2.86
A6	27 May 2025	5	15.79	85.64	10.1	33.57	8.2	24.7	5.17
A6	27 May 2025	6	14.97	84.23	8.3	33.52	8.2	24.8	5.56
A6	27 May 2025	7	13.61	80.36	6.5	33.55	8.0	25.1	11.75
A6	27 May 2025	8	13.69	76.7	5.8	33.54	7.9	25.1	15.80
A6	27 May 2025	9	12.88	73.74	5.4	33.53	7.9	25.3	16.89
A6	27 May 2025	10	12.51	73.55	5.0	33.56	7.8	25.4	16.80
A6	27 May 2025	11	12.22	74.74	4.8	33.57	7.8	25.4	18.53
A6	27 May 2025	12	12.03	75.77	4.8	33.57	7.8	25.5	16.70
A6	27 May 2025	13	11.85	88.22	4.8	33.58	7.8	25.5	4.29
A6	27 May 2025	14	11.70	95.41	4.8	33.57	7.8	25.5	0.89
A6	27 May 2025	15	11.52	96.54	4.8	33.58	7.8	25.6	0.55
A6	27 May 2025	16	11.43	96.9	4.9	33.57	7.8	25.6	0.46
A6	27 May 2025	17	11.23	97.16	5.0	33.57	7.8	25.6	0.50
A6	27 May 2025	18	11.21	97.34	5.0	33.58	7.8	25.6	0.46
A6	27 May 2025	19	11.20	97.54	4.9	33.59	7.8	25.6	0.43
A6	27 May 2025	20	11.21	97.24	4.8	33.60	7.8	25.6	0.48
A6	27 May 2025	21	11.20	96.97	4.6	33.60	7.8	25.7	0.47
C6	06 May 2025	1	16.71	82.58	7.5	33.58	8.1	24.5	0.31
C6	06 May 2025	2	16.71	82.18	7.5	33.58	8.1	24.5	0.33
C6	06 May 2025	3	16.64	82.37	7.5	33.58	8.1	24.5	0.39
C6	06 May 2025	4	16.53	81.64	7.6	33.58	8.1	24.5	0.55
C6	06 May 2025	5	16.40	81.51	7.5	33.57	8.1	24.6	0.69
C6	06 May 2025	6	16.10	82.1	7.3	33.58	8.1	24.6	1.00
C6	06 May 2025	7	16.11	80.77	7.4	33.57	8.1	24.6	1.76
C6	06 May 2025	8	15.66	82.68	7.8	33.57	8.1	24.7	1.60
C6	06 May 2025	9	15.26	82.16	7.2	33.59	8.1	24.8	0.93
C6	12 May 2025	1	15.78	80.22	11.0	33.56	8.3	24.7	3.73
C6	12 May 2025	2	15.76	79.53	10.9	33.58	8.3	24.7	3.20
C6	12 May 2025	3	15.58	79.3	10.7	33.59	8.3	24.8	4.83
C6	12 May 2025	4	15.53	82.03	10.6	33.59	8.3	24.8	2.62
C6	12 May 2025	5	15.47	87.29	10.5	33.59	8.3	24.8	2.16
C6	12 May 2025	6	15.43	88.81	10.4	33.58	8.3	24.8	1.77
C6	12 May 2025	7	15.33	88.14	10.5	33.58	8.3	24.8	4.49
C6	12 May 2025	8	15.26	82.99	10.2	33.58	8.3	24.8	8.02
C6	12 May 2025	9	13.99	83.8	8.9	33.59	8.2	25.1	4.08
C6	12 May 2025	10	14.03	85.65	8.6	33.59	8.1	25.1	1.83
C6	19 May 2025	1	17.33	87.87	10.7	33.61	8.3	24.4	0.67
C6	19 May 2025	2	17.25	88.41	10.7	33.61	8.3	24.4	0.70
C6	19 May 2025	3	17.18	88.42	10.7	33.61	8.3	24.4	0.83
C6	19 May 2025	4	17.01	88.46	10.9	33.61	8.3	24.4	0.95

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C6	19 May 2025	5	16.91	88.32	10.9	33.61	8.3	24.5	1.01
C6	19 May 2025	6	16.72	87.91	10.5	33.61	8.3	24.5	1.16
C6	19 May 2025	7	16.34	87.38	10.0	33.62	8.2	24.6	1.66
C6	19 May 2025	8	15.96	86.22	9.1	33.63	8.2	24.7	2.76
C6	19 May 2025	9	13.83	88.21	8.4	33.69	8.1	25.2	1.23
C6	27 May 2025	1	19.52	87.11	8.1	33.63	8.2	23.8	0.96
C6	27 May 2025	2	19.52	86.99	8.0	33.63	8.2	23.8	0.94
C6	27 May 2025	3	19.50	86.64	7.8	33.63	8.2	23.8	0.95
C6	27 May 2025	4	18.98	86.24	7.3	33.59	8.2	24.0	1.09
C6	27 May 2025	5	15.88	76.46	7.2	33.62	8.1	24.7	13.47
C6	27 May 2025	6	15.11	73.87	6.8	33.58	8.0	24.9	7.53
C6	27 May 2025	7	14.56	83.17	6.3	33.58	8.0	25.0	5.43
C6	27 May 2025	8	14.40	85.47	5.5	33.59	7.9	25.0	4.19
C6	27 May 2025	9	14.37	84.31	4.8	33.58	7.8	25.0	3.29
C6	27 May 2025	10	14.37	81.36	4.4	33.59	7.8	25.0	2.76
C6	27 May 2025	11	14.60	78.59	4.8	33.59	7.8	25.0	2.85
C7	06 May 2025	1	16.68	87.13	9.0	33.55	8.2	24.5	0.93
C7	06 May 2025	2	16.65	86.98	9.0	33.55	8.2	24.5	0.95
C7	06 May 2025	3	16.64	86.63	9.0	33.55	8.2	24.5	1.11
C7	06 May 2025	4	16.62	86.68	9.1	33.55	8.2	24.5	1.24
C7	06 May 2025	5	16.60	87.2	9.1	33.55	8.2	24.5	1.34
C7	06 May 2025	6	16.59	87.64	9.1	33.55	8.2	24.5	1.44
C7	06 May 2025	7	16.58	87.73	9.1	33.55	8.2	24.5	1.48
C7	06 May 2025	8	16.55	87.92	9.1	33.55	8.2	24.5	1.50
C7	06 May 2025	9	16.46	88.06	9.1	33.55	8.2	24.5	2.67
C7	06 May 2025	10	16.34	84.2	9.2	33.55	8.2	24.6	8.47
C7	06 May 2025	11	16.16	77.42	9.2	33.55	8.2	24.6	12.83
C7	06 May 2025	12	15.96	78.87	9.0	33.55	8.2	24.6	8.68
C7	06 May 2025	13	15.75	81.12	8.7	33.55	8.2	24.7	7.05
C7	06 May 2025	14	15.46	83.39	8.5	33.55	8.1	24.8	3.82
C7	06 May 2025	15	15.55	86.35	8.2	33.54	8.1	24.7	2.12
C7	06 May 2025	16	14.86	87.58	7.4	33.54	8.1	24.9	1.65
C7	06 May 2025	17	12.86	89.11	6.4	33.63	8.0	25.4	0.63
C7	06 May 2025	18	13.08	91.4	5.9	33.63	7.9	25.3	0.78
C7	12 May 2025	1	15.42	69.66	9.3	33.58	8.3	24.8	1.57
C7	12 May 2025	2	15.43	84.01	9.9	33.57	8.3	24.8	1.64
C7	12 May 2025	3	15.38	85.25	10.1	33.60	8.3	24.8	1.69
C7	12 May 2025	4	15.37	87.26	10.2	33.59	8.3	24.8	1.97
C7	12 May 2025	5	15.27	88.36	10.6	33.63	8.3	24.9	2.26
C7	12 May 2025	6	15.20	88.38	10.8	33.59	8.3	24.8	2.93
C7	12 May 2025	7	15.21	87.61	10.8	33.58	8.3	24.8	4.00
C7	12 May 2025	8	15.11	87.67	10.6	33.58	8.3	24.9	4.46
C7	12 May 2025	9	14.74	85.76	10.3	33.57	8.3	24.9	6.34
C7	12 May 2025	10	14.17	78.31	10.0	33.58	8.2	25.1	11.92
C7	12 May 2025	11	14.00	74.71	9.8	33.58	8.2	25.1	13.61
C7	12 May 2025	12	13.96	76.14	9.6	33.58	8.2	25.1	12.76
C7	12 May 2025	13	13.92	76.68	9.5	33.57	8.2	25.1	12.44
C7	12 May 2025	14	13.69	77.16	9.2	33.57	8.2	25.1	12.20
C7	12 May 2025	15	13.48	79.06	8.6	33.57	8.1	25.2	10.61
C7	12 May 2025	16	12.81	80.53	7.6	33.55	8.1	25.3	9.82
C7	12 May 2025	17	11.56	86.05	6.1	33.61	7.9	25.6	4.87
C7	12 May 2025	18	11.43	92.8	5.4	33.61	7.8	25.6	1.14
C7	12 May 2025	19	11.83	93.48	5.5	33.61	7.8	25.5	1.18
C7	19 May 2025	1	17.13	90.53	10.6	33.60	8.3	24.4	0.40
C7	19 May 2025	2	17.15	90.53	10.6	33.60	8.3	24.4	0.40
C7	19 May 2025	3	17.04	90.6	10.7	33.60	8.3	24.4	0.42
C7	19 May 2025	4	16.99	90.62	10.6	33.60	8.3	24.4	0.49
C7	19 May 2025	5	16.91	90.67	10.5	33.60	8.3	24.5	0.60
C7	19 May 2025	6	16.62	90.49	10.7	33.59	8.2	24.5	0.80
C7	19 May 2025	7	16.27	90.17	11.3	33.59	8.3	24.6	1.14
C7	19 May 2025	8	14.54	87.44	12.2	33.62	8.3	25.0	5.53
C7	19 May 2025	9	14.01	80.4	11.6	33.57	8.2	25.1	11.61
C7	19 May 2025	10	13.71	75.34	10.9	33.56	8.2	25.1	13.14
C7	19 May 2025	11	13.60	75.65	10.1	33.56	8.1	25.2	11.08
C7	19 May 2025	12	13.60	78.47	9.7	33.56	8.1	25.2	10.00
C7	19 May 2025	13	13.30	79.22	9.2	33.57	8.1	25.2	9.96
C7	19 May 2025	14	13.26	79.76	8.8	33.57	8.0	25.2	9.42
C7	19 May 2025	15	13.25	80.75	8.4	33.58	8.0	25.2	9.10
C7	19 May 2025	16	12.74	81.51	7.3	33.63	8.0	25.4	7.92
C7	19 May 2025	17	12.53	85.38	6.2	33.62	7.8	25.4	3.70

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C7	27 May 2025	1	19.79	55.29	8.3	33.63	8.2	23.8	1.18
C7	27 May 2025	2	19.80	78.55	8.3	33.63	8.2	23.8	1.16
C7	27 May 2025	3	19.79	88.03	8.3	33.63	8.2	23.8	1.20
C7	27 May 2025	4	19.77	88	8.4	33.63	8.2	23.8	1.26
C7	27 May 2025	5	19.67	87.72	8.5	33.63	8.2	23.8	1.29
C7	27 May 2025	6	19.06	87.83	9.3	33.58	8.2	23.9	1.28
C7	27 May 2025	7	16.53	82.57	11.3	33.57	8.3	24.5	8.81
C7	27 May 2025	8	15.51	83.95	10.5	33.58	8.3	24.8	5.70
C7	27 May 2025	9	14.38	87.4	8.1	33.54	8.2	25.0	4.68
C7	27 May 2025	10	13.27	87.87	6.2	33.59	7.9	25.2	5.18
C7	27 May 2025	11	13.31	86	5.4	33.54	7.8	25.2	8.28
C7	27 May 2025	12	12.37	84.82	5.0	33.56	7.8	25.4	9.18
C7	27 May 2025	13	11.95	79.16	4.7	33.58	7.8	25.5	11.27
C7	27 May 2025	14	11.81	89.83	4.7	33.58	7.8	25.5	3.47
C7	27 May 2025	15	11.70	94.25	4.6	33.58	7.8	25.5	2.70
C7	27 May 2025	16	11.63	94.19	4.5	33.58	7.8	25.6	1.84
C7	27 May 2025	17	11.59	93.96	4.4	33.59	7.8	25.6	1.67
C7	27 May 2025	18	11.63	94.18	4.4	33.60	7.8	25.6	1.23
C7	27 May 2025	19	11.63	93.78	4.4	33.60	7.8	25.6	1.38
C8	06 May 2025	1	16.85	84.19	8.9	33.56	8.2	24.4	0.80
C8	06 May 2025	2	16.85	84.59	8.9	33.56	8.2	24.4	0.76
C8	06 May 2025	3	16.79	86.08	8.9	33.56	8.2	24.5	0.76
C8	06 May 2025	4	16.76	85.85	8.9	33.56	8.2	24.5	0.92
C8	06 May 2025	5	16.74	87.06	8.9	33.56	8.2	24.5	1.12
C8	06 May 2025	6	16.73	87.57	8.9	33.57	8.2	24.5	1.23
C8	06 May 2025	7	16.72	88.1	8.9	33.57	8.2	24.5	1.39
C8	06 May 2025	8	16.68	88.19	8.9	33.56	8.2	24.5	1.52
C8	06 May 2025	9	16.61	88.54	9.1	33.55	8.2	24.5	1.59
C8	06 May 2025	10	16.56	88.94	9.3	33.55	8.2	24.5	1.78
C8	06 May 2025	11	16.51	88.64	9.4	33.54	8.2	24.5	7.75
C8	06 May 2025	12	16.12	83.61	9.2	33.52	8.2	24.6	8.11
C8	06 May 2025	13	15.37	89.27	8.8	33.53	8.2	24.8	2.47
C8	06 May 2025	14	15.08	89.57	8.5	33.56	8.1	24.8	1.83
C8	06 May 2025	15	15.08	89.64	8.2	33.52	8.1	24.8	1.87
C8	06 May 2025	16	14.32	90.11	7.7	33.55	8.1	25.0	1.55
C8	06 May 2025	17	13.77	90.26	7.0	33.54	8.0	25.1	1.20
C8	06 May 2025	18	12.10	90.1	5.8	33.64	7.9	25.5	0.76
C8	06 May 2025	19	12.34	90.99	5.3	33.62	7.8	25.4	0.65
C8	12 May 2025	1	15.68	90.61	10.2	33.58	8.2	24.7	0.64
C8	12 May 2025	2	15.64	90.48	10.2	33.58	8.2	24.7	0.68
C8	12 May 2025	3	15.32	90.76	10.3	33.58	8.2	24.8	0.75
C8	12 May 2025	4	15.00	90.75	10.5	33.58	8.3	24.9	1.05
C8	12 May 2025	5	14.77	90.37	10.5	33.59	8.3	24.9	1.96
C8	12 May 2025	6	14.73	89	10.5	33.58	8.2	24.9	3.05
C8	12 May 2025	7	14.65	87.84	10.4	33.58	8.2	25.0	3.77
C8	12 May 2025	8	14.60	86.69	10.2	33.58	8.2	25.0	4.82
C8	12 May 2025	9	14.42	85.35	9.9	33.57	8.2	25.0	6.23
C8	12 May 2025	10	14.20	82.93	9.5	33.56	8.2	25.0	9.86
C8	12 May 2025	11	13.69	80.44	9.2	33.58	8.2	25.1	9.40
C8	12 May 2025	12	13.43	81.05	8.8	33.58	8.1	25.2	10.06
C8	12 May 2025	13	13.23	80.55	8.4	33.57	8.1	25.2	10.37
C8	12 May 2025	14	12.91	81.53	7.8	33.58	8.1	25.3	9.04
C8	12 May 2025	15	12.56	84.54	7.2	33.58	8.0	25.4	6.55
C8	12 May 2025	16	12.23	87.61	6.7	33.58	8.0	25.4	4.72
C8	12 May 2025	17	11.72	90.37	6.1	33.59	7.9	25.5	3.10
C8	12 May 2025	18	11.43	92.16	5.6	33.60	7.9	25.6	1.54
C8	12 May 2025	19	11.27	93.79	5.4	33.60	7.8	25.6	1.01
C8	12 May 2025	20	11.30	94.27	5.3	33.60	7.8	25.6	0.81
C8	19 May 2025	1	17.17	89.84	11.3	33.61	8.3	24.4	0.48
C8	19 May 2025	2	17.11	89.78	11.1	33.60	8.3	24.4	0.49
C8	19 May 2025	3	17.06	89.92	11.0	33.60	8.3	24.4	0.49
C8	19 May 2025	4	17.02	89.75	10.9	33.60	8.3	24.4	0.55
C8	19 May 2025	5	16.94	90.22	10.9	33.60	8.3	24.4	0.62
C8	19 May 2025	6	16.85	90.53	10.9	33.60	8.3	24.5	0.66
C8	19 May 2025	7	16.73	90.68	11.0	33.59	8.3	24.5	0.79
C8	19 May 2025	8	16.50	90.61	11.4	33.60	8.3	24.6	0.83
C8	19 May 2025	9	15.86	89.93	12.4	33.60	8.3	24.7	3.30
C8	19 May 2025	10	15.48	79.03	12.1	33.60	8.3	24.8	30.00
C8	19 May 2025	11	14.80	53.65	10.5	33.62	8.2	25.0	33.81
C8	19 May 2025	12	14.21	57.99	8.9	33.63	8.1	25.1	26.13

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C8	19 May 2025	13	13.75	66.33	7.8	33.63	8.0	25.2	16.91
C8	19 May 2025	14	13.42	74.36	7.1	33.63	8.0	25.2	11.75
C8	19 May 2025	15	13.44	78.24	6.7	33.61	7.9	25.2	9.70
C8	19 May 2025	16	12.67	80.66	5.9	33.67	7.9	25.4	8.38
C8	19 May 2025	17	12.13	85.18	5.2	33.67	7.8	25.5	3.41
C8	19 May 2025	18	11.85	88.62	5.0	33.66	7.8	25.6	1.48
C8	19 May 2025	19	11.77	90.49	4.9	33.66	7.8	25.6	1.11
C8	27 May 2025	1	19.75	86.95	8.4	33.58	8.2	23.7	1.07
C8	27 May 2025	2	19.57	84.11	8.5	33.61	8.2	23.8	1.05
C8	27 May 2025	3	19.47	88.83	8.7	33.61	8.2	23.8	1.11
C8	27 May 2025	4	18.39	81.6	9.9	33.58	8.3	24.1	1.13
C8	27 May 2025	5	18.27	88.49	10.0	33.55	8.3	24.1	1.16
C8	27 May 2025	6	16.90	88.65	10.1	33.59	8.3	24.5	1.67
C8	27 May 2025	7	16.63	86.49	10.0	33.58	8.3	24.5	3.72
C8	27 May 2025	8	15.17	85.4	9.6	33.55	8.3	24.8	4.56
C8	27 May 2025	9	13.89	88.36	7.9	33.57	8.1	25.1	3.89
C8	27 May 2025	10	13.84	88.92	6.8	33.55	8.0	25.1	3.87
C8	27 May 2025	11	13.12	87.15	5.7	33.57	7.9	25.3	5.50
C8	27 May 2025	12	13.03	84.38	5.1	33.58	7.8	25.3	8.10
C8	27 May 2025	13	12.77	83.91	4.8	33.56	7.8	25.3	8.22
C8	27 May 2025	14	12.48	79.2	4.6	33.59	7.8	25.4	12.52
C8	27 May 2025	15	12.42	77.36	4.4	33.59	7.7	25.4	13.91
C8	27 May 2025	16	12.36	78.87	4.3	33.59	7.7	25.4	13.17
C8	27 May 2025	17	12.23	82.14	4.3	33.59	7.7	25.5	9.44
C8	27 May 2025	18	12.21	87.71	4.3	33.59	7.7	25.5	4.07
C8	27 May 2025	19	12.21	89.19	4.2	33.59	7.7	25.5	3.96
C8	27 May 2025	20	12.23	89.39	4.2	33.60	7.7	25.5	3.81

NA = not available

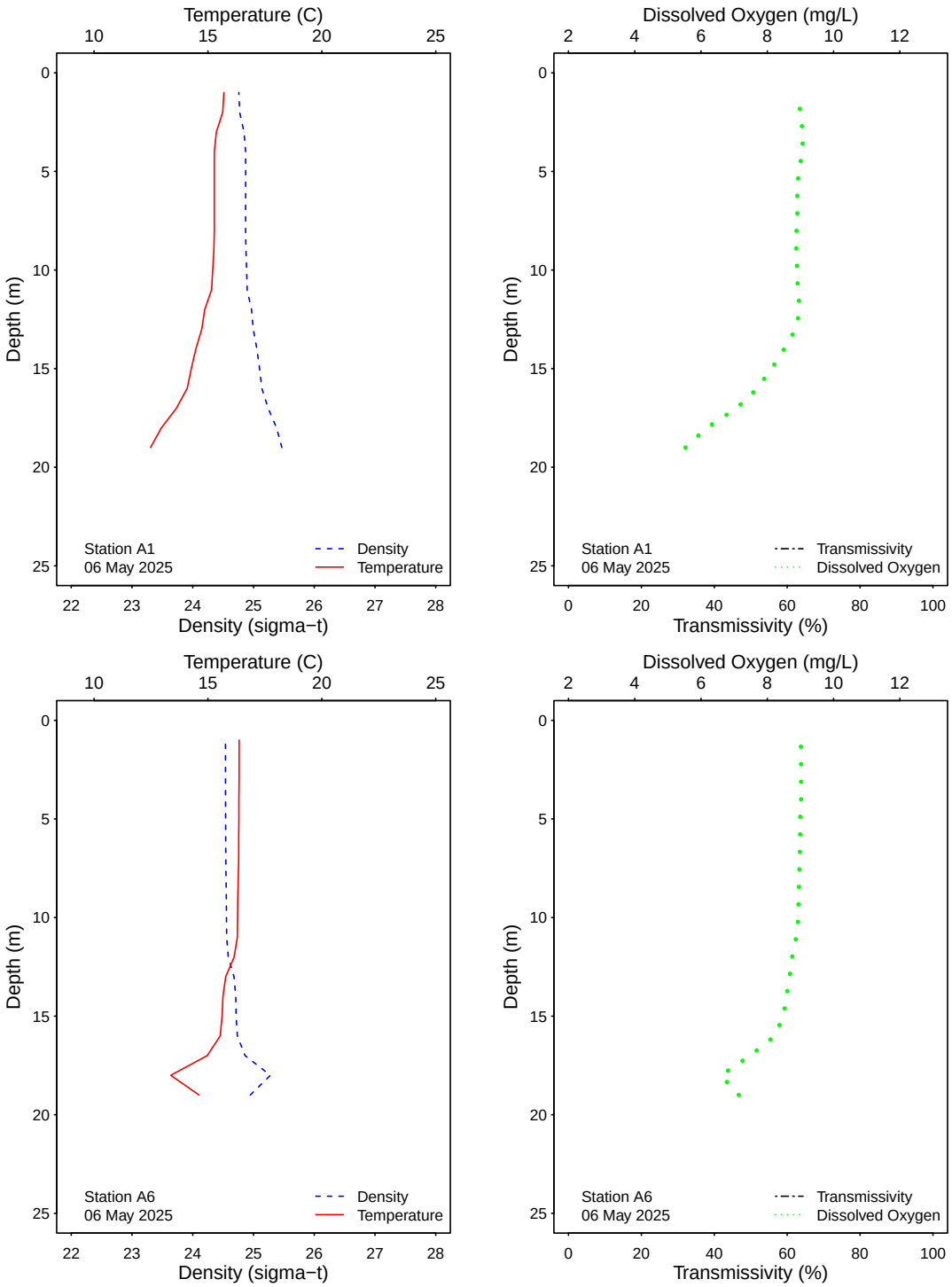

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

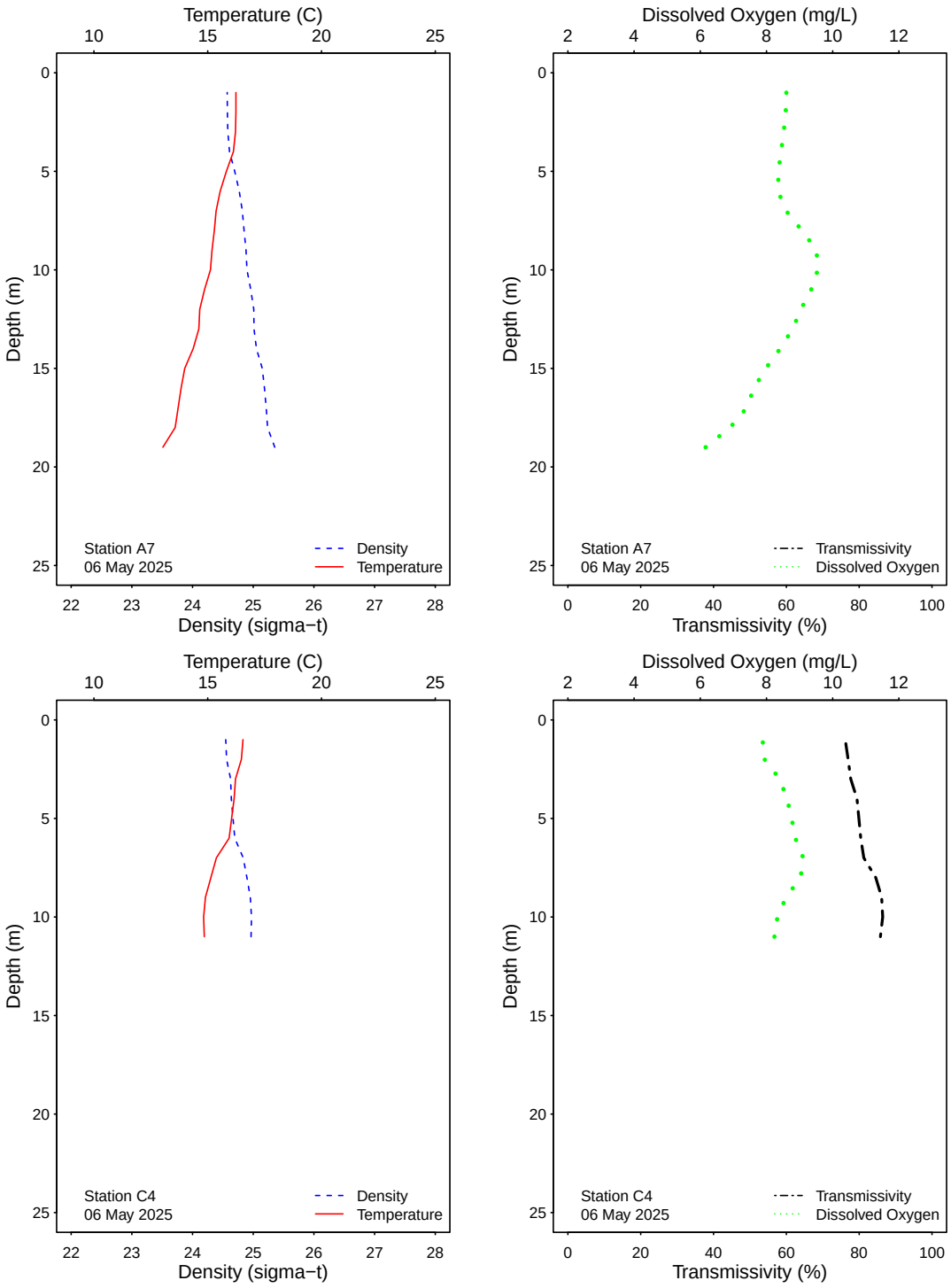

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

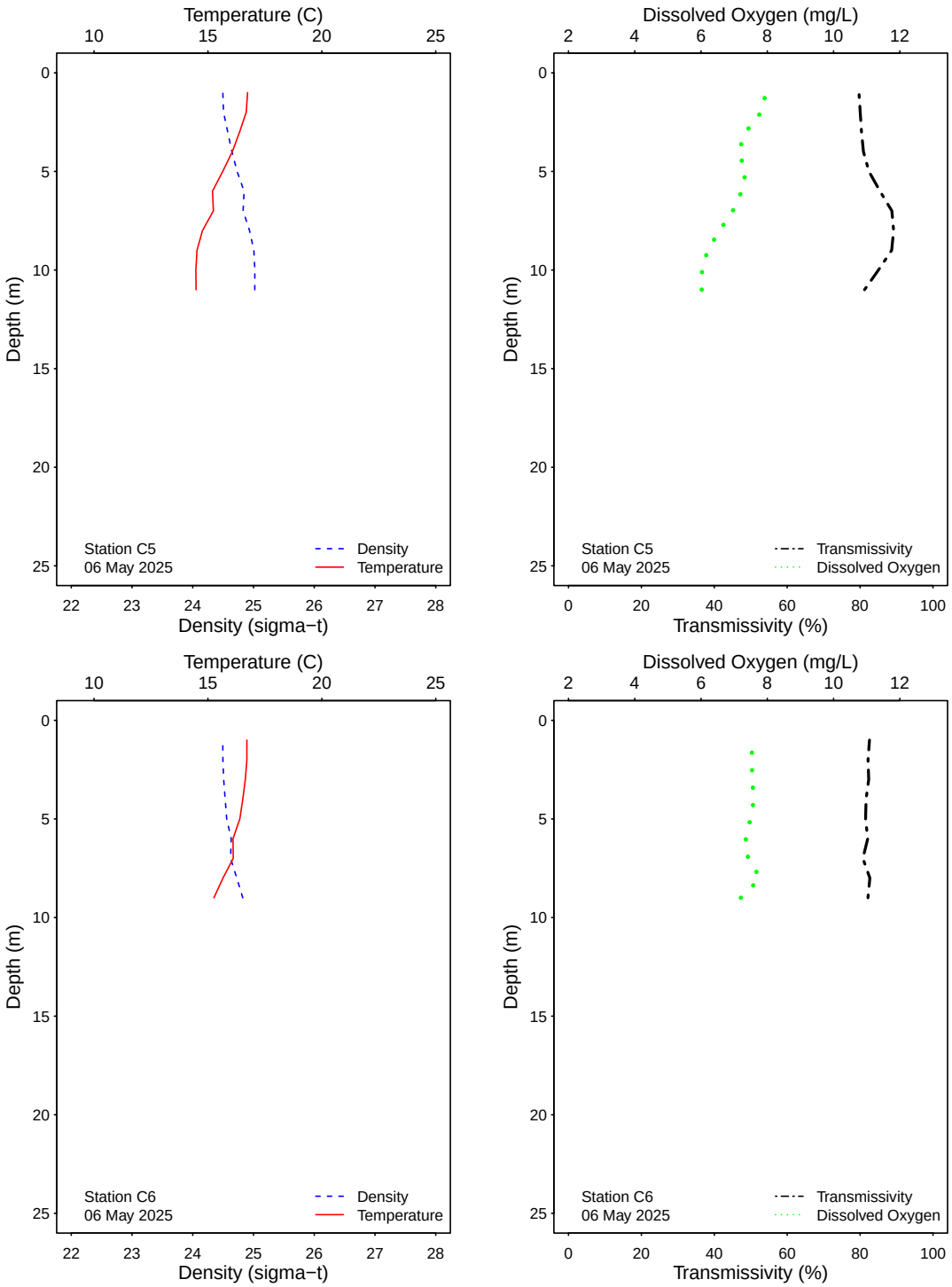

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

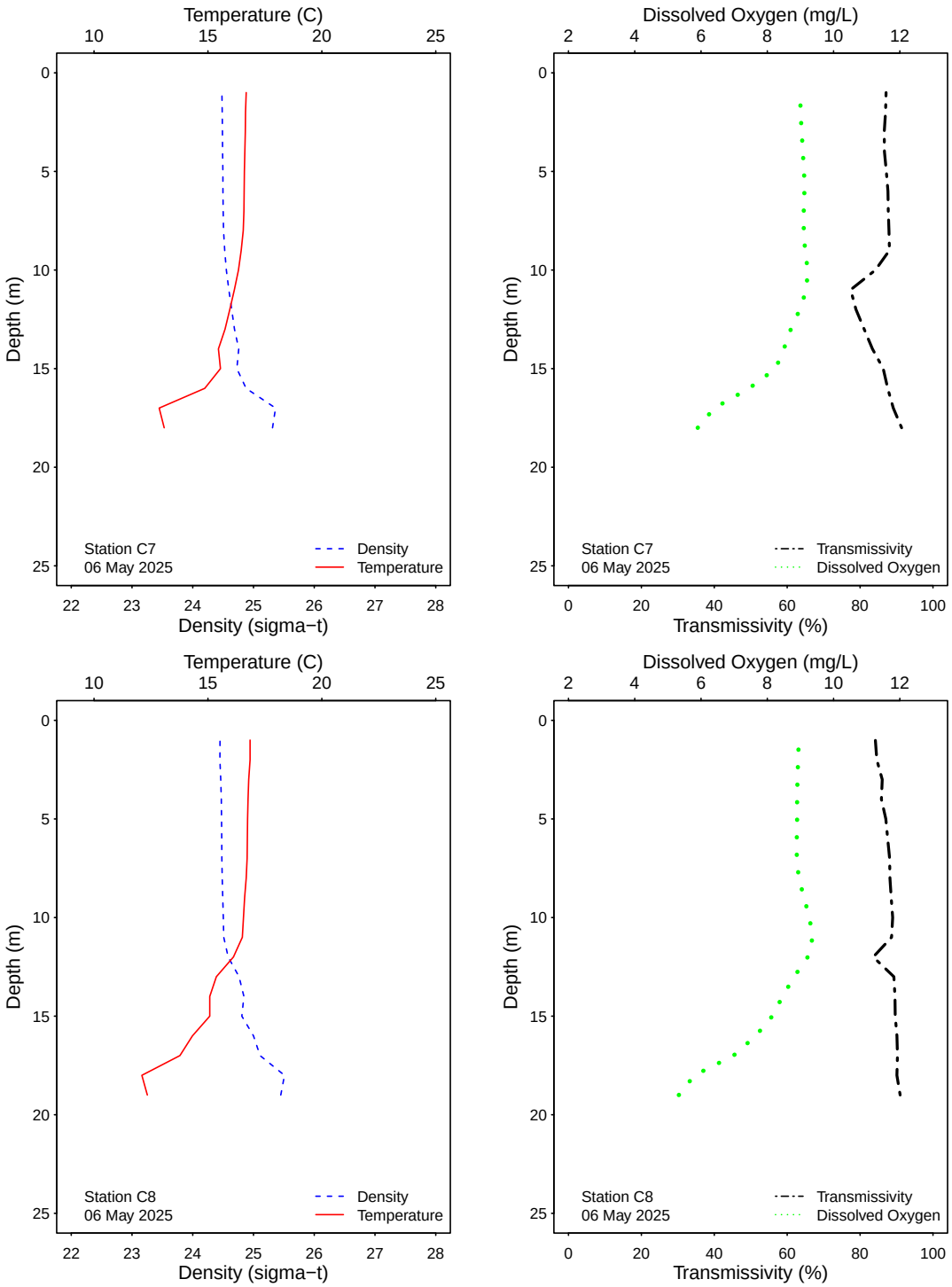

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

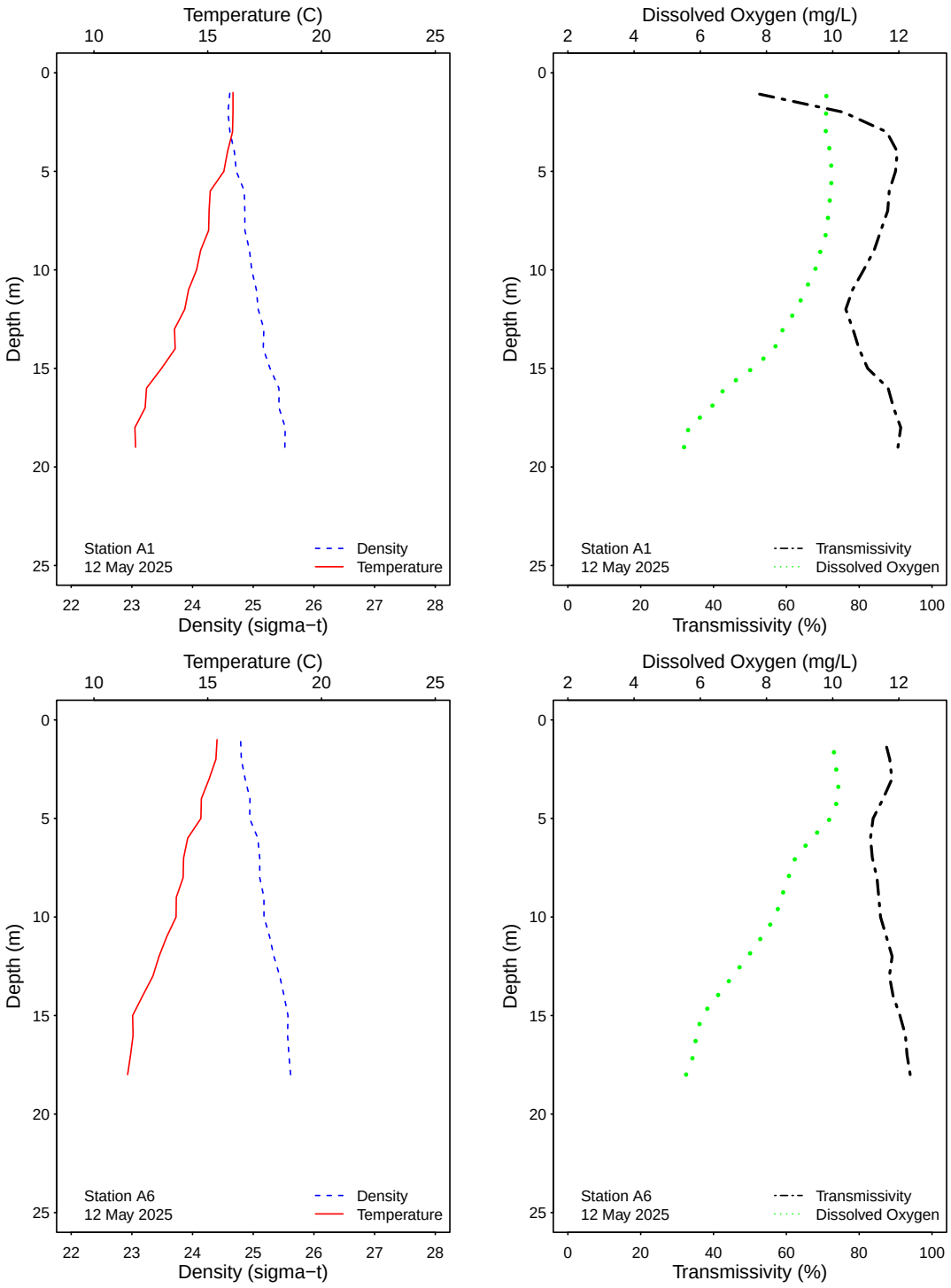

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

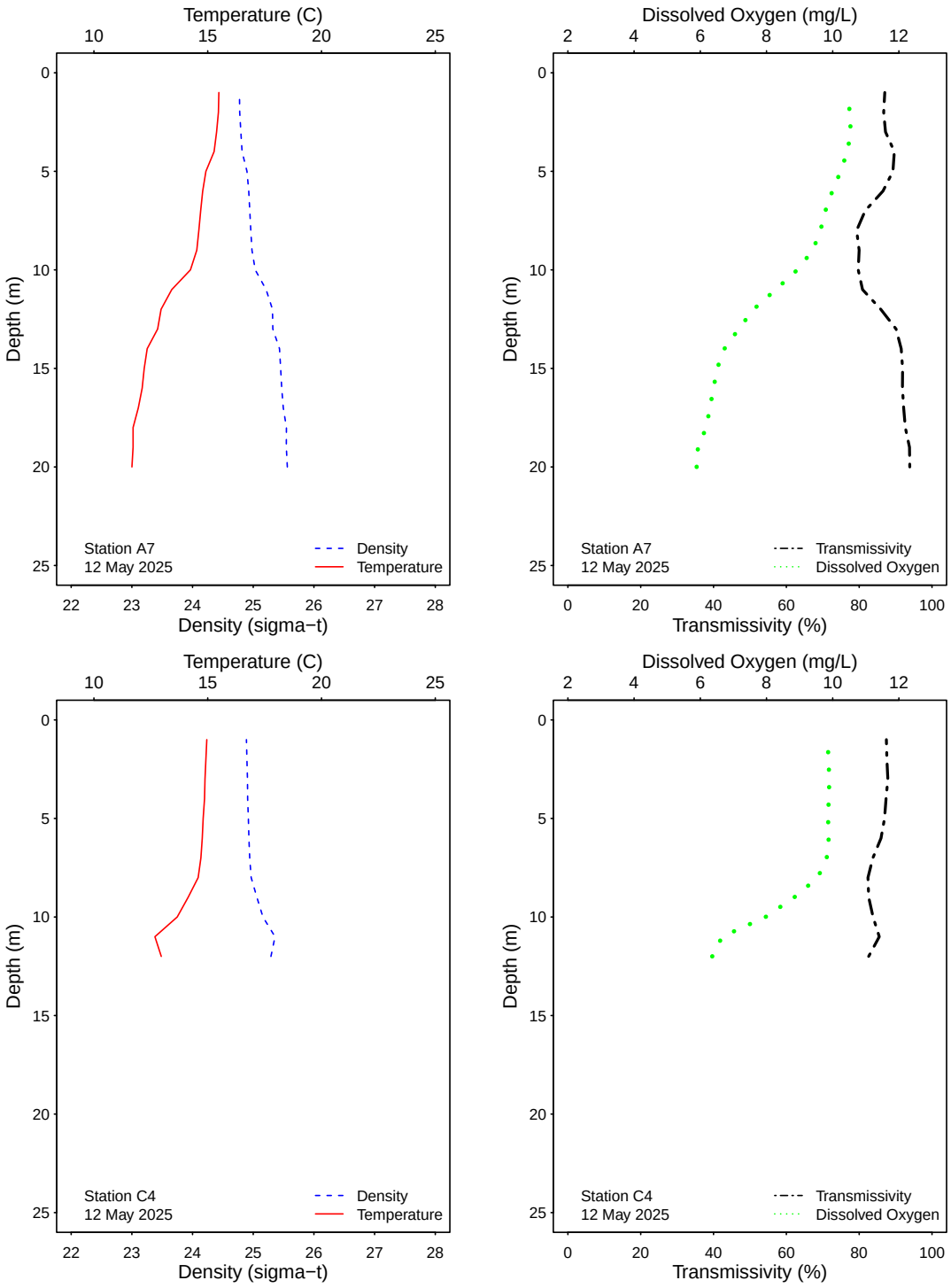

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

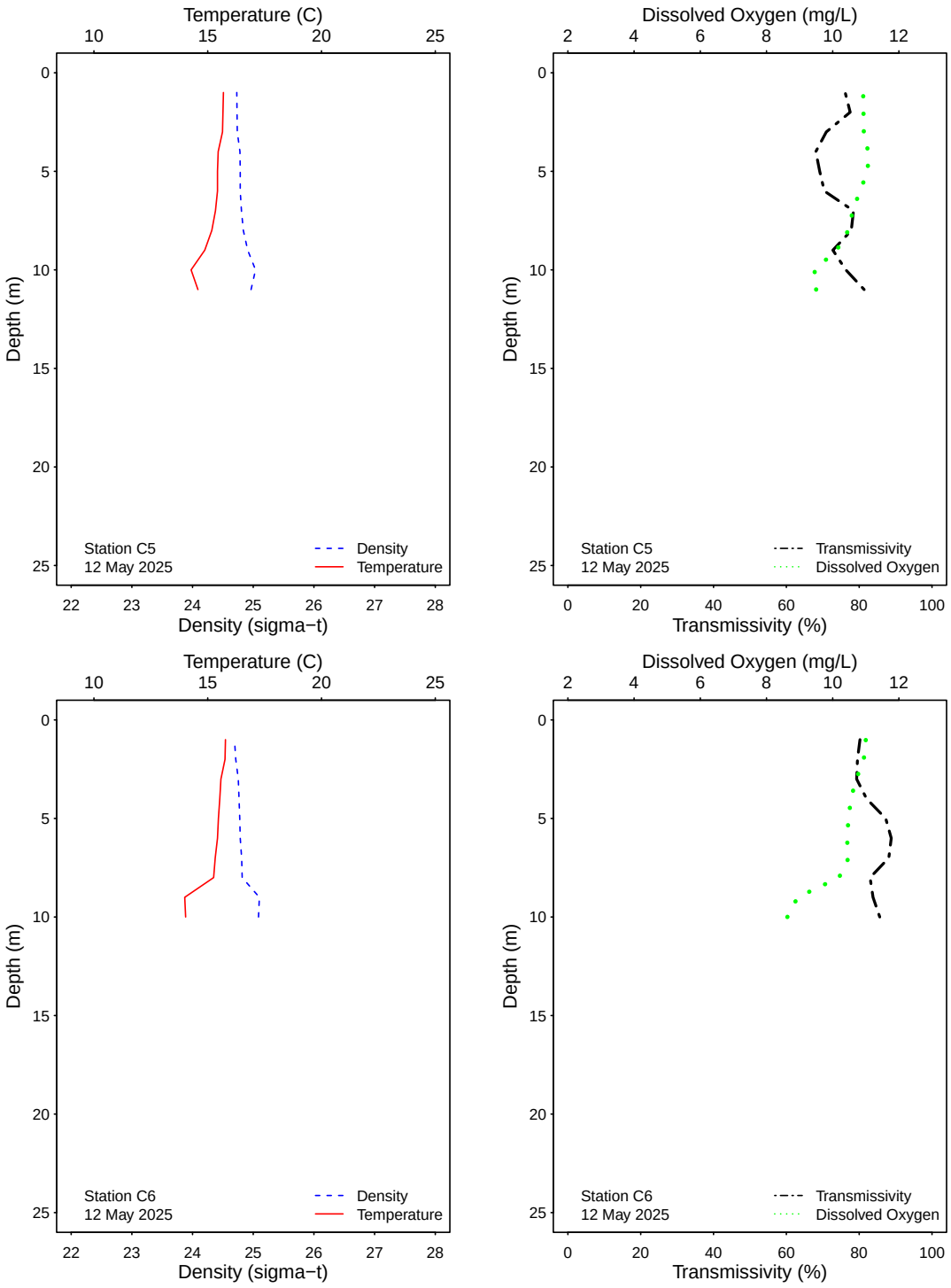

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

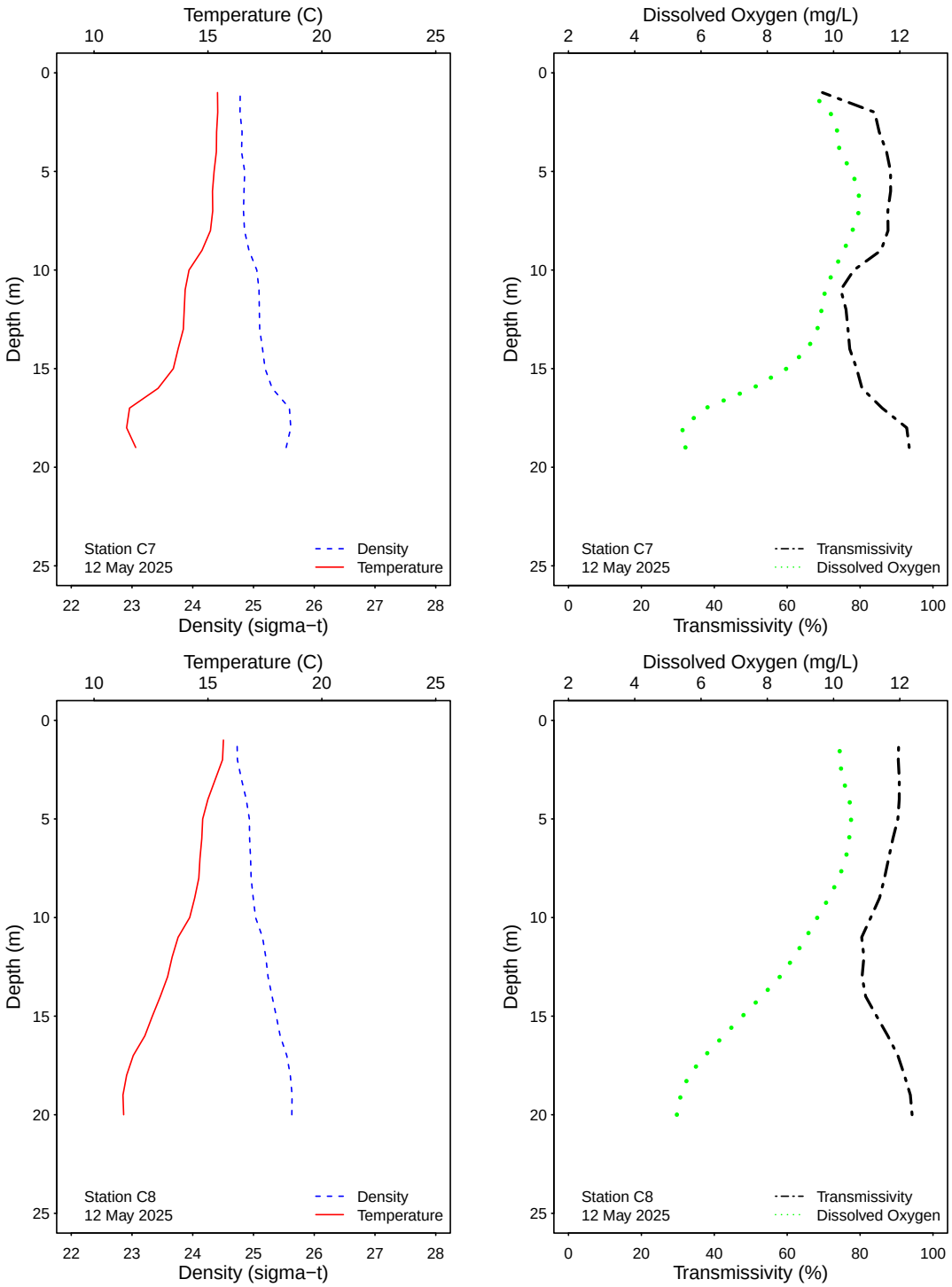

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

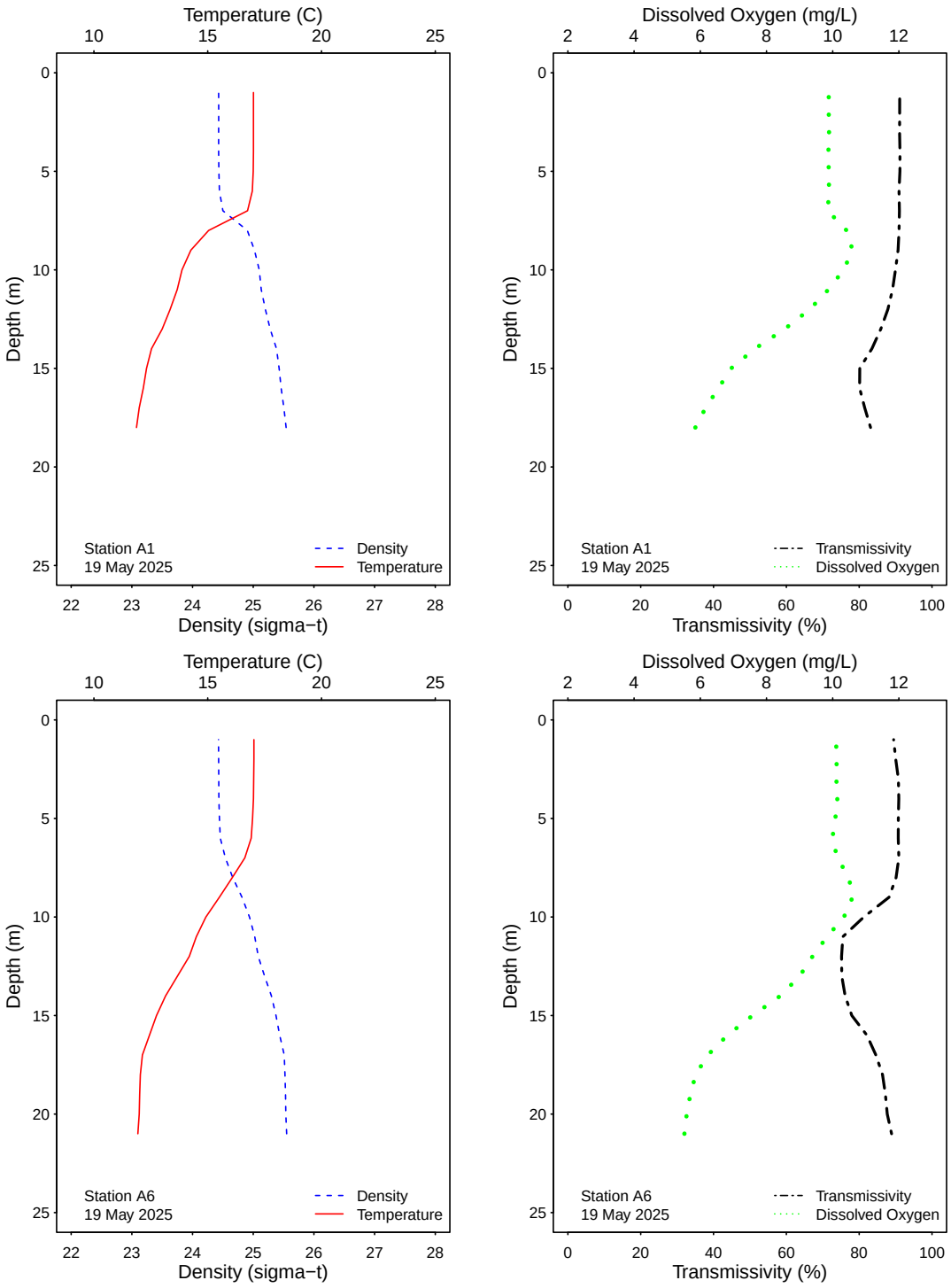

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

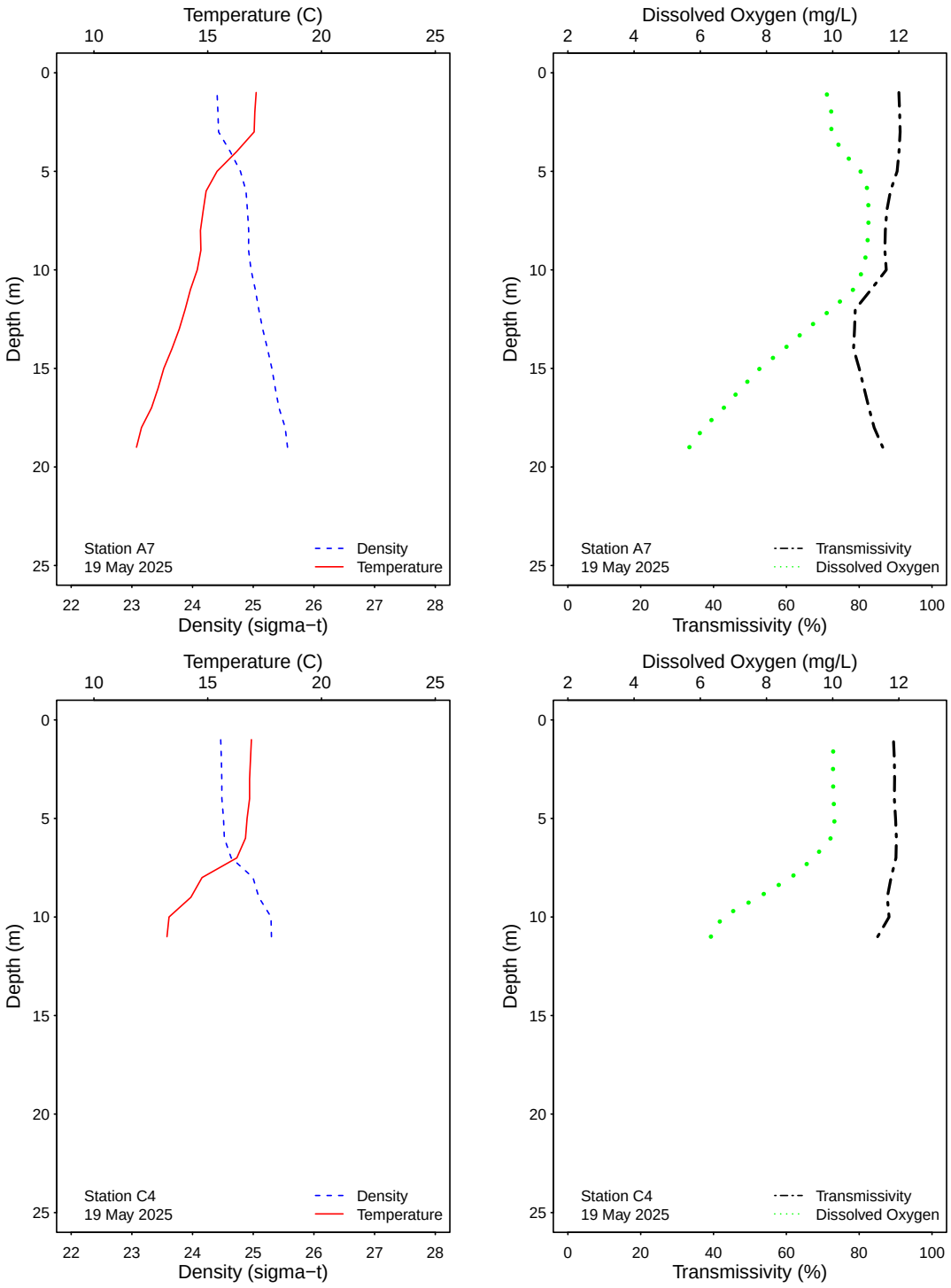

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

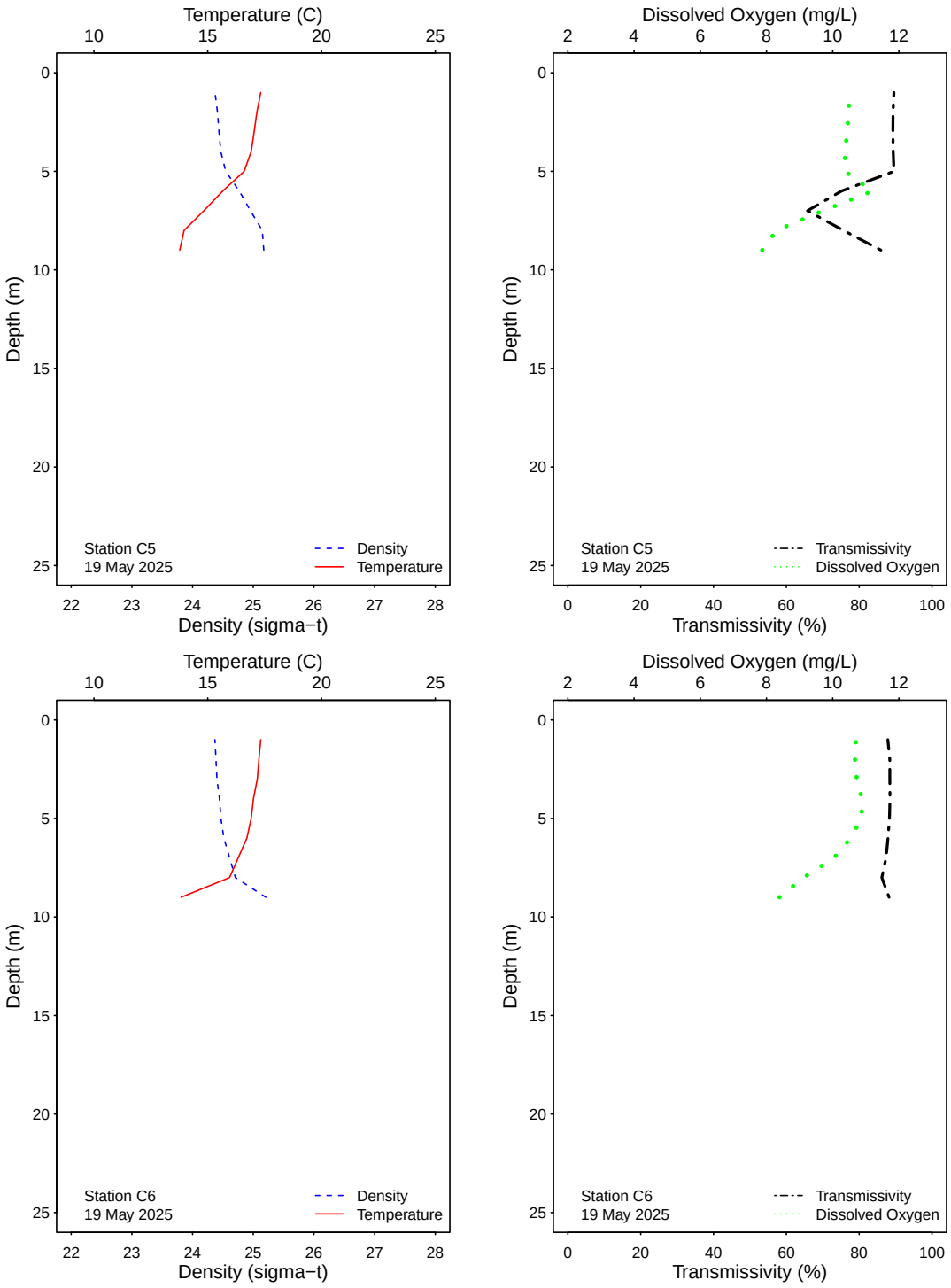

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

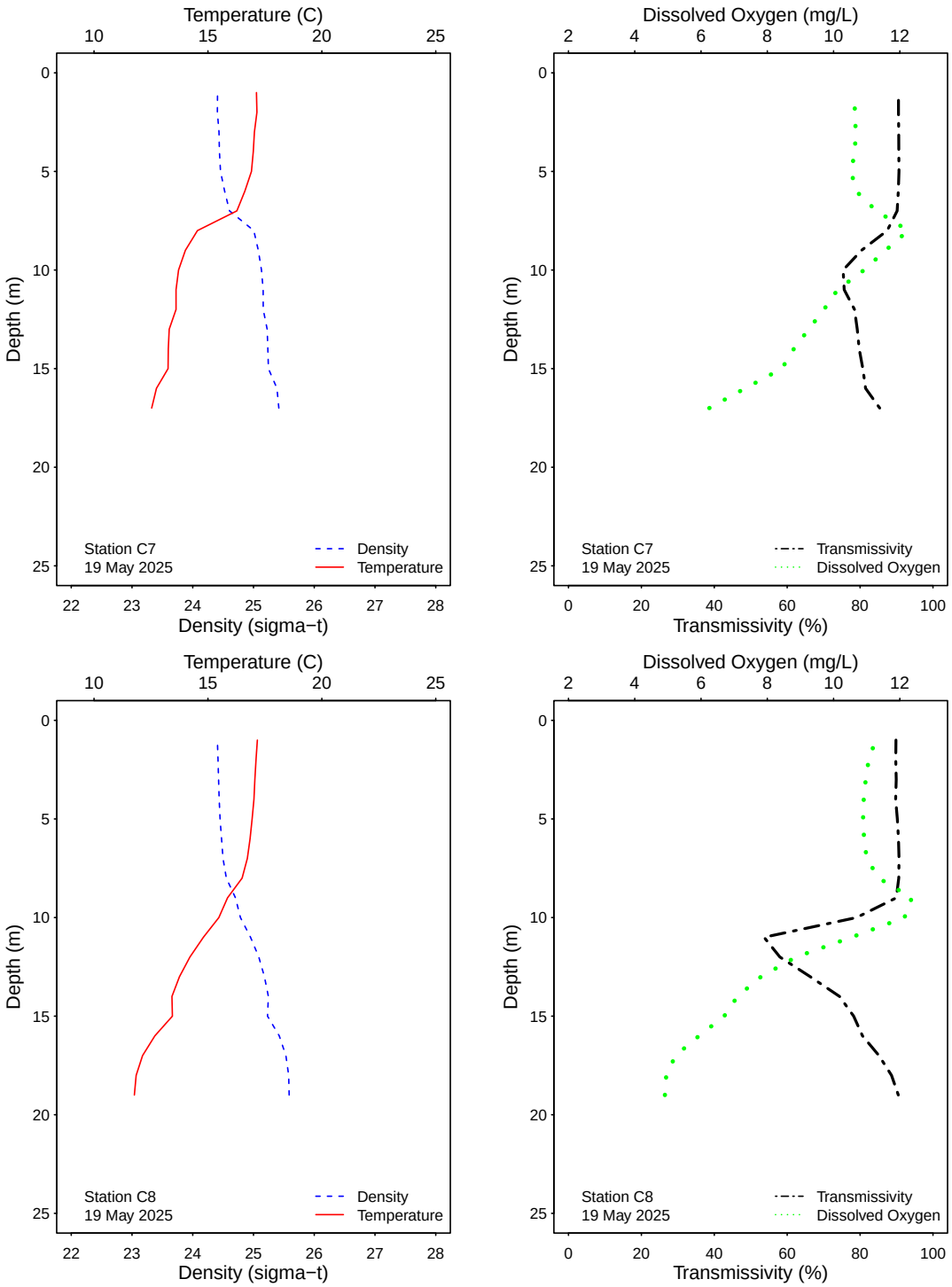

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

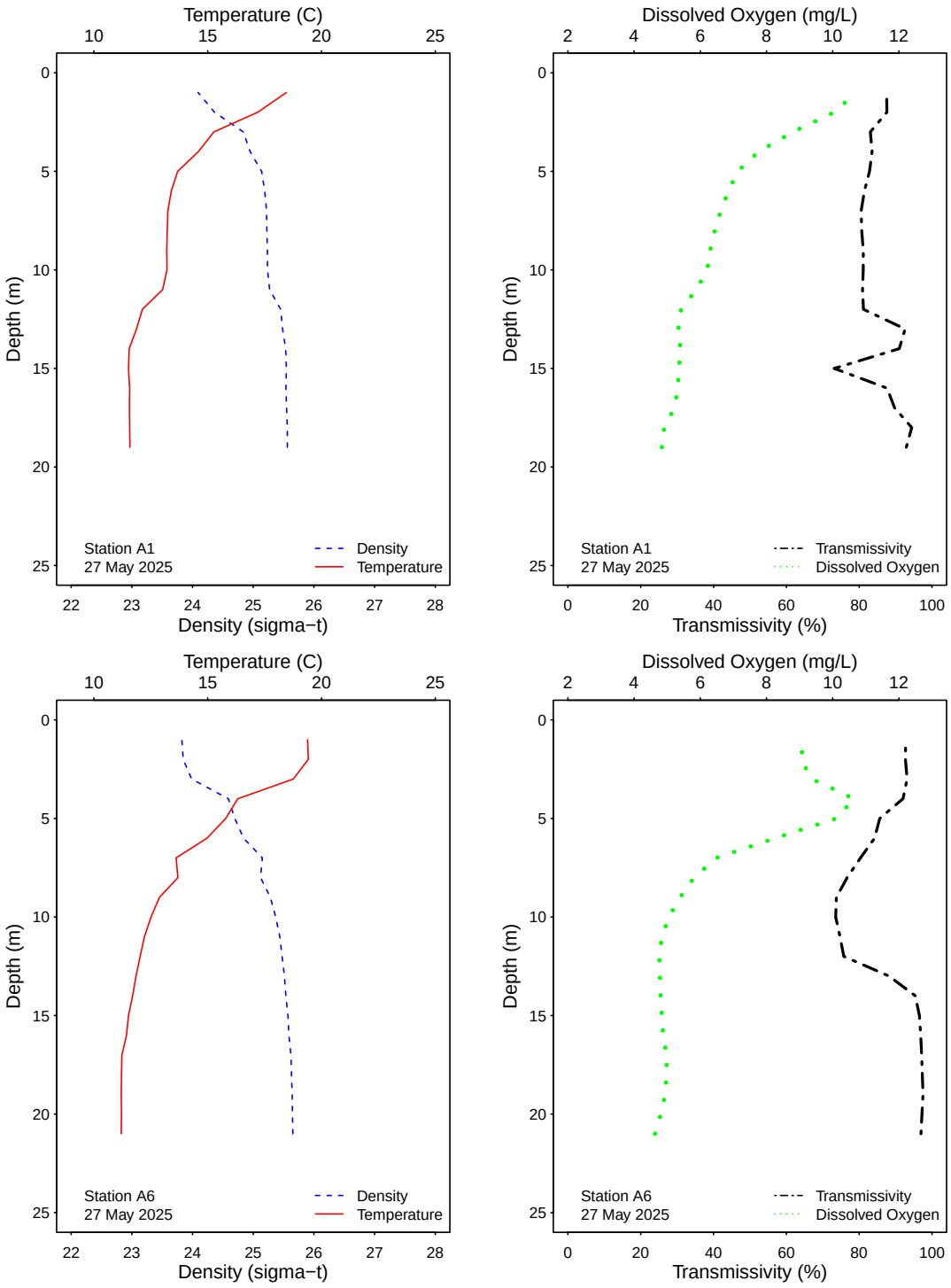

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

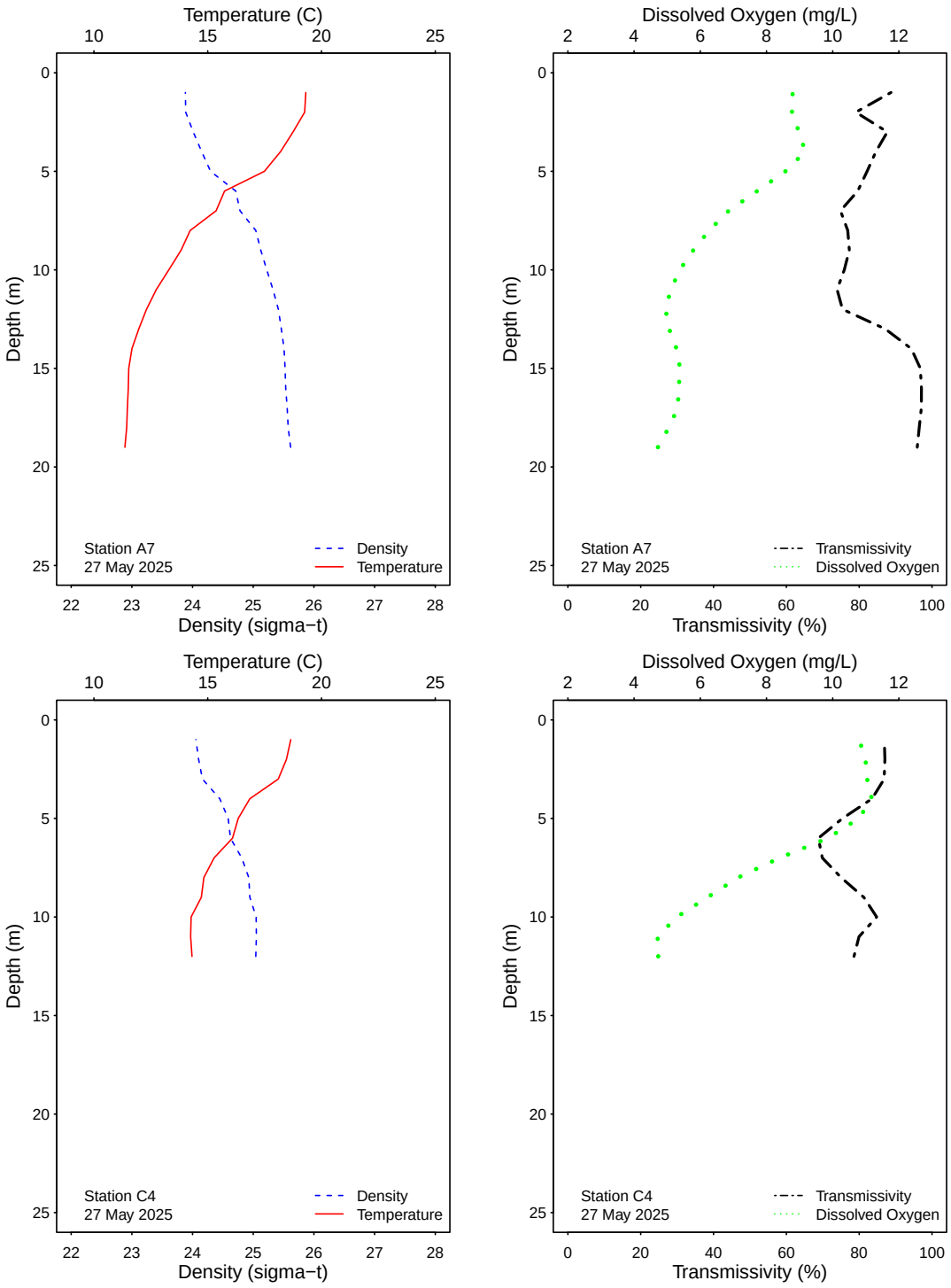

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

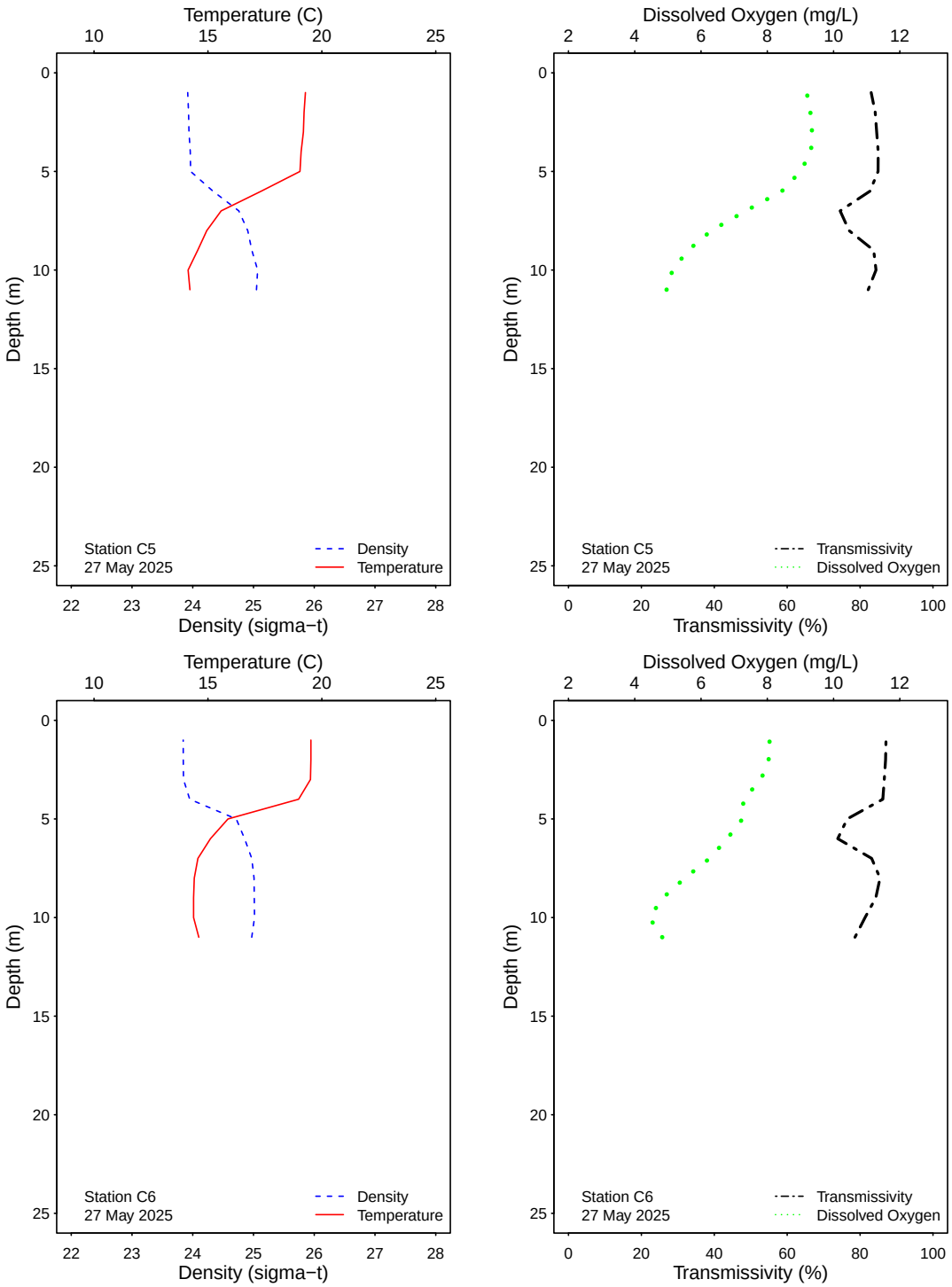

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

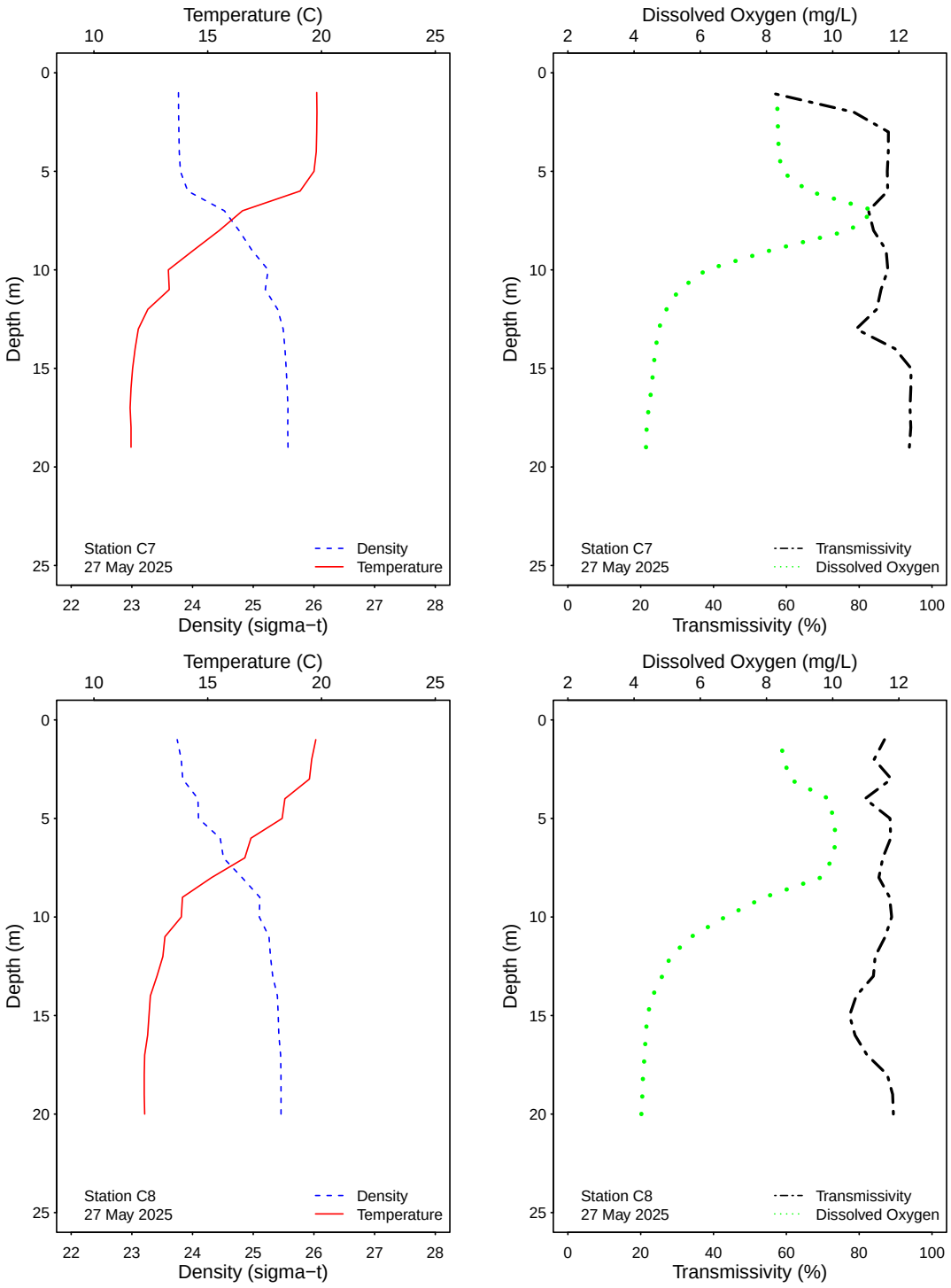

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

Offshore Stations

Table 4.1

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

Date	F01	F02	F03	F06	F07	F08	F09	F10	F11	F12	F13	F14	F18	F19	F20
21 May 2025	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	ns	ns	ns
22 May 2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	IC	**E**	**E**

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

Table 4.2

Summary of water quality parameters at the PLOO offshore stations for each sample date. Densities of total coliform (Total), fecal coliform (Fecal), and *Enterococcus* (Entero) bacteria are reported as CFU/100 mL; values for temperature (Temp,°C), transmissivity (XMS, %), dissolved oxygen (DO, mg/L), salinity (Sal, ppt) and pH were extracted from CTD profile data for depths closest to those at which the bacteriological samples were collected. Comments follow the data summary.

Station	Date	Time	Depth	Entero
F01	21 May 2025	1155	1	<2
F01	21 May 2025	1155	12	<2
F01	21 May 2025	1155	18	<2
F02	21 May 2025	850	1	<2
F02	21 May 2025	850	12	<2
F02	21 May 2025	850	18	<2
F03	21 May 2025	906	1	<2
F03	21 May 2025	906	12	<2
F03	21 May 2025	906	18	<2
F04	21 May 2025	1131	1	<2
F04	21 May 2025	1131	25	<2
F04	21 May 2025	1131	60	<2
F05	21 May 2025	1120	1	<2
F05	21 May 2025	1120	25	<2
F05	21 May 2025	1120	60	12e
F06	21 May 2025	1108	1	<2
F06	21 May 2025	1108	25	<2
F06	21 May 2025	1108	60	4e
F07	21 May 2025	1056	1	<2
F07	21 May 2025	1056	25	<2
F07	21 May 2025	1056	60	18e
F08	21 May 2025	1043	1	<2
F08	21 May 2025	1043	25	<2
F08	21 May 2025	1043	60	22e
F09	21 May 2025	1033	1	<2
F09	21 May 2025	1033	25	<2
F09	21 May 2025	1033	60	12e
F10	21 May 2025	1021	1	<2
F10	21 May 2025	1021	25	<2
F10	21 May 2025	1021	60	2e
F11	21 May 2025	1008	1	<2
F11	21 May 2025	1008	25	<2
F11	21 May 2025	1008	60	<2
F12	21 May 2025	955	1	<2
F12	21 May 2025	955	25	<2
F12	21 May 2025	955	60	6e
F13	21 May 2025	938	1	<2
F13	21 May 2025	938	25	<2
F13	21 May 2025	938	60	12e

Station	Date	Time	Depth	Entero
F14	21 May 2025	924	1	<2
F14	21 May 2025	924	25	<2
F14	21 May 2025	924	60	8e
F15	22 May 2025	1048	1	<2
F15	22 May 2025	1048	25	<2
F15	22 May 2025	1048	60	100
F15	22 May 2025	1048	80	34e
F16	22 May 2025	1034	1	<2
F16	22 May 2025	1034	25	<2
F16	22 May 2025	1034	60	36e
F16	22 May 2025	1034	80	92
F17	22 May 2025	1021	1	<2
F17	22 May 2025	1021	25	<2
F17	22 May 2025	1021	60	34e
F17	22 May 2025	1021	80	110
F18	22 May 2025	1008	1	<2
F18	22 May 2025	1008	25	<2
F18	22 May 2025	1008	60	10e
F18	22 May 2025	1008	80	18e
F19	22 May 2025	954	1	<2
F19	22 May 2025	954	25	<2
F19	22 May 2025	954	60	140e
F19	22 May 2025	954	80	460
F20	22 May 2025	942	1	<2
F20	22 May 2025	942	25	4e
F20	22 May 2025	942	60	44
F20	22 May 2025	942	80	640
F21	22 May 2025	929	1	<2
F21	22 May 2025	929	25	4e
F21	22 May 2025	929	60	42
F21	22 May 2025	929	80	160e
F22	22 May 2025	915	1	<2
F22	22 May 2025	915	25	<2
F22	22 May 2025	915	60	14e
F22	22 May 2025	915	80	48
F23	22 May 2025	901	1	<2
F23	22 May 2025	901	25	<2
F23	22 May 2025	901	60	16e
F23	22 May 2025	901	80	58
F24	22 May 2025	849	1	<2
F24	22 May 2025	849	25	<2
F24	22 May 2025	849	60	<2
F24	22 May 2025	849	80	70
F25	22 May 2025	831	1	<2
F25	22 May 2025	831	25	<2
F25	22 May 2025	831	60	2e
F25	22 May 2025	831	80	62
F26	20 May 2025	1254	1	<2

Station	Date	Time	Depth	Entero
F26	20 May 2025	1254	25	<2
F26	20 May 2025	1254	60	<2
F26	20 May 2025	1254	80	<2
F26	20 May 2025	1254	98	<2
F27	20 May 2025	1237	1	<2
F27	20 May 2025	1237	25	<2
F27	20 May 2025	1237	60	<2
F27	20 May 2025	1237	80	<2
F27	20 May 2025	1237	98	12e
F28	20 May 2025	1221	1	<2
F28	20 May 2025	1221	25	<2
F28	20 May 2025	1221	60	<2
F28	20 May 2025	1221	80	840
F28	20 May 2025	1221	98	2e
F29	20 May 2025	1206	1	<2
F29	20 May 2025	1206	25	<2
F29	20 May 2025	1206	60	<2
F29	20 May 2025	1206	80	360e
F29	20 May 2025	1206	98	2e
F30	20 May 2025	1147	1	<2
F30	20 May 2025	1147	25	400
F30	20 May 2025	1147	60	86
F30	20 May 2025	1147	80	<2
F30	20 May 2025	1147	98	2e
F31	20 May 2025	1042	1	<2
F31	20 May 2025	1042	25	<2
F31	20 May 2025	1042	60	<2
F31	20 May 2025	1042	80	14e
F31	20 May 2025	1042	98	2e
F32	20 May 2025	1027	1	<2
F32	20 May 2025	1027	25	<2
F32	20 May 2025	1027	60	30e
F32	20 May 2025	1027	80	80
F32	20 May 2025	1027	98	<2
F33	20 May 2025	1012	1	<2
F33	20 May 2025	1012	25	<2
F33	20 May 2025	1012	60	520
F33	20 May 2025	1012	80	48
F33	20 May 2025	1012	98	<2
F34	20 May 2025	952	1	<2
F34	20 May 2025	952	25	<2
F34	20 May 2025	952	60	<2
F34	20 May 2025	952	80	96
F34	20 May 2025	952	98	4e
F35	20 May 2025	927	1	<2
F35	20 May 2025	927	25	<2
F35	20 May 2025	927	60	<2
F35	20 May 2025	927	80	<2
F35	20 May 2025	927	98	14e
F36	20 May 2025	859	1	<2
F36	20 May 2025	859	25	<2

Station	Date	Time	Depth	Entero
F36	20 May 2025	859	60	100
F36	20 May 2025	859	80	78
F36	20 May 2025	859	98	2e

ns = not sampled
ND = no data

Table 4.3

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

Station	Date	Parameter	Value
F26	20 May 2025	Arrive Time	1254
F26	20 May 2025	Depart Time	1303
F26	20 May 2025	Air Temp (C)	21.1
F26	20 May 2025	Visibility (mi)	9
F26	20 May 2025	Wind Speed (kts)	7.3
F26	20 May 2025	Wind Dir	SW
F26	20 May 2025	Sea State	Calm
F26	20 May 2025	High Tide Time	248
F26	20 May 2025	Low Tide Time	1018
F26	20 May 2025	Comments	
F15	22 May 2025	Arrive Time	1048
F15	22 May 2025	Depart Time	1058
F15	22 May 2025	Air Temp (C)	18.7
F15	22 May 2025	Visibility (mi)	8
F15	22 May 2025	Wind Speed (kts)	2.8
F15	22 May 2025	Wind Dir	SE
F15	22 May 2025	Sea State	Calm
F15	22 May 2025	High Tide Time	1824
F15	22 May 2025	Low Tide Time	1154
F15	22 May 2025	Comments	OA 1m Btl# 2505212781 Nsk# 6;OA 80m Btl# 2505212782 Nsk# 5;
F04	21 May 2025	Arrive Time	1131
F04	21 May 2025	Depart Time	1136
F04	21 May 2025	Air Temp (C)	18.4
F04	21 May 2025	Visibility (mi)	2
F04	21 May 2025	Wind Speed (kts)	3.4
F04	21 May 2025	Wind Dir	SW
F04	21 May 2025	Sea State	Wind Ripples
F04	21 May 2025	High Tide Time	1800
F04	21 May 2025	Low Tide Time	1106
F04	21 May 2025	Comments	
F05	21 May 2025	Arrive Time	1120
F05	21 May 2025	Depart Time	1124
F05	21 May 2025	Air Temp (C)	19.6
F05	21 May 2025	Visibility (mi)	2
F05	21 May 2025	Wind Speed (kts)	2.7
F05	21 May 2025	Wind Dir	SW
F05	21 May 2025	Sea State	Wind Ripples
F05	21 May 2025	High Tide Time	1800
F05	21 May 2025	Low Tide Time	1106
F05	21 May 2025	Comments	
F27	20 May 2025	Arrive Time	1237
F27	20 May 2025	Depart Time	1245
F27	20 May 2025	Air Temp (C)	20.7
F27	20 May 2025	Visibility (mi)	9
F27	20 May 2025	Wind Speed (kts)	3.6
F27	20 May 2025	Wind Dir	SW
F27	20 May 2025	Sea State	Calm
F27	20 May 2025	High Tide Time	248
F27	20 May 2025	Low Tide Time	1018
F27	20 May 2025	Comments	

Station	Date	Parameter	Value
F16	22 May 2025	Arrive Time	1034
F16	22 May 2025	Depart Time	1040
F16	22 May 2025	Air Temp (C)	17.3
F16	22 May 2025	Visibility (mi)	8
F16	22 May 2025	Wind Speed (kts)	7.3
F16	22 May 2025	Wind Dir	SW
F16	22 May 2025	Sea State	Calm
F16	22 May 2025	High Tide Time	1824
F16	22 May 2025	Low Tide Time	1154
F16	22 May 2025	Comments	
F28	20 May 2025	Arrive Time	1221
F28	20 May 2025	Depart Time	1230
F28	20 May 2025	Air Temp (C)	20.3
F28	20 May 2025	Visibility (mi)	9
F28	20 May 2025	Wind Speed (kts)	4.2
F28	20 May 2025	Wind Dir	W
F28	20 May 2025	Sea State	Calm
F28	20 May 2025	High Tide Time	248
F28	20 May 2025	Low Tide Time	1018
F28	20 May 2025	Comments	
F17	22 May 2025	Arrive Time	1021
F17	22 May 2025	Depart Time	1027
F17	22 May 2025	Air Temp (C)	17.3
F17	22 May 2025	Visibility (mi)	8
F17	22 May 2025	Wind Speed (kts)	11.6
F17	22 May 2025	Wind Dir	SW
F17	22 May 2025	Sea State	Calm
F17	22 May 2025	High Tide Time	1824
F17	22 May 2025	Low Tide Time	1154
F17	22 May 2025	Comments	
F06	21 May 2025	Arrive Time	1108
F06	21 May 2025	Depart Time	1112
F06	21 May 2025	Air Temp (C)	18.2
F06	21 May 2025	Visibility (mi)	2
F06	21 May 2025	Wind Speed (kts)	2.2
F06	21 May 2025	Wind Dir	SW
F06	21 May 2025	Sea State	Wind Ripples
F06	21 May 2025	High Tide Time	1800
F06	21 May 2025	Low Tide Time	1106
F06	21 May 2025	Comments	
F01	21 May 2025	Arrive Time	1155
F01	21 May 2025	Depart Time	1157
F01	21 May 2025	Air Temp (C)	19
F01	21 May 2025	Visibility (mi)	2
F01	21 May 2025	Wind Speed (kts)	3.9
F01	21 May 2025	Wind Dir	SW
F01	21 May 2025	Sea State	Wind Ripples
F01	21 May 2025	High Tide Time	1800
F01	21 May 2025	Low Tide Time	1106
F01	21 May 2025	Comments	
F29	20 May 2025	Arrive Time	1206
F29	20 May 2025	Depart Time	1214
F29	20 May 2025	Air Temp (C)	20.7
F29	20 May 2025	Visibility (mi)	7
F29	20 May 2025	Wind Speed (kts)	3.1
F29	20 May 2025	Wind Dir	NW

Station	Date	Parameter	Value
F29	20 May 2025	Sea State	Calm
F29	20 May 2025	High Tide Time	248
F29	20 May 2025	Low Tide Time	1018
F29	20 May 2025	Comments	
F18	22 May 2025	Arrive Time	1008
F18	22 May 2025	Depart Time	1013
F18	22 May 2025	Air Temp (C)	17.7
F18	22 May 2025	Visibility (mi)	8
F18	22 May 2025	Wind Speed (kts)	4.5
F18	22 May 2025	Wind Dir	SW
F18	22 May 2025	Sea State	Calm
F18	22 May 2025	High Tide Time	1824
F18	22 May 2025	Low Tide Time	1154
F18	22 May 2025	Comments	
F07	21 May 2025	Arrive Time	1056
F07	21 May 2025	Depart Time	1100
F07	21 May 2025	Air Temp (C)	17.5
F07	21 May 2025	Visibility (mi)	2
F07	21 May 2025	Wind Speed (kts)	1.8
F07	21 May 2025	Wind Dir	SW
F07	21 May 2025	Sea State	Wind Ripples
F07	21 May 2025	High Tide Time	1800
F07	21 May 2025	Low Tide Time	1106
F07	21 May 2025	Comments	
F30	20 May 2025	Arrive Time	1147
F30	20 May 2025	Depart Time	1155
F30	20 May 2025	Air Temp (C)	20
F30	20 May 2025	Visibility (mi)	7
F30	20 May 2025	Wind Speed (kts)	0
F30	20 May 2025	Wind Dir	N
F30	20 May 2025	Sea State	Calm
F30	20 May 2025	High Tide Time	248
F30	20 May 2025	Low Tide Time	1018
F30	20 May 2025	Comments	
F19	22 May 2025	Arrive Time	954
F19	22 May 2025	Depart Time	1000
F19	22 May 2025	Air Temp (C)	17
F19	22 May 2025	Visibility (mi)	8
F19	22 May 2025	Wind Speed (kts)	4.5
F19	22 May 2025	Wind Dir	SW
F19	22 May 2025	Sea State	Calm
F19	22 May 2025	High Tide Time	1824
F19	22 May 2025	Low Tide Time	1154
F19	22 May 2025	Comments	
F08	21 May 2025	Arrive Time	1043
F08	21 May 2025	Depart Time	1047
F08	21 May 2025	Air Temp (C)	18.7
F08	21 May 2025	Visibility (mi)	2
F08	21 May 2025	Wind Speed (kts)	3.6
F08	21 May 2025	Wind Dir	W
F08	21 May 2025	Sea State	Wind Ripples
F08	21 May 2025	High Tide Time	1800
F08	21 May 2025	Low Tide Time	1106
F08	21 May 2025	Comments	
F31	20 May 2025	Arrive Time	1042

Station	Date	Parameter	Value
F31	20 May 2025	Depart Time	1054
F31	20 May 2025	Air Temp (C)	16.5
F31	20 May 2025	Visibility (mi)	2
F31	20 May 2025	Wind Speed (kts)	6.8
F31	20 May 2025	Wind Dir	SW
F31	20 May 2025	Sea State	Calm
F31	20 May 2025	High Tide Time	248
F31	20 May 2025	Low Tide Time	1018
F31	20 May 2025	Comments	
F20	22 May 2025	Arrive Time	942
F20	22 May 2025	Depart Time	948
F20	22 May 2025	Air Temp (C)	16.7
F20	22 May 2025	Visibility (mi)	8
F20	22 May 2025	Wind Speed (kts)	3.9
F20	22 May 2025	Wind Dir	S
F20	22 May 2025	Sea State	Calm
F20	22 May 2025	High Tide Time	1824
F20	22 May 2025	Low Tide Time	1154
F20	22 May 2025	Comments	
F09	21 May 2025	Arrive Time	1033
F09	21 May 2025	Depart Time	1038
F09	21 May 2025	Air Temp (C)	18.5
F09	21 May 2025	Visibility (mi)	2
F09	21 May 2025	Wind Speed (kts)	0
F09	21 May 2025	Wind Dir	N
F09	21 May 2025	Sea State	Wind Ripples
F09	21 May 2025	High Tide Time	1800
F09	21 May 2025	Low Tide Time	1106
F09	21 May 2025	Comments	
F32	20 May 2025	Arrive Time	1027
F32	20 May 2025	Depart Time	1036
F32	20 May 2025	Air Temp (C)	16.5
F32	20 May 2025	Visibility (mi)	1
F32	20 May 2025	Wind Speed (kts)	3.5
F32	20 May 2025	Wind Dir	SW
F32	20 May 2025	Sea State	Calm
F32	20 May 2025	High Tide Time	248
F32	20 May 2025	Low Tide Time	1018
F32	20 May 2025	Comments	
F21	22 May 2025	Arrive Time	929
F21	22 May 2025	Depart Time	935
F21	22 May 2025	Air Temp (C)	17.3
F21	22 May 2025	Visibility (mi)	6
F21	22 May 2025	Wind Speed (kts)	0
F21	22 May 2025	Wind Dir	SE
F21	22 May 2025	Sea State	Calm
F21	22 May 2025	High Tide Time	1824
F21	22 May 2025	Low Tide Time	1154
F21	22 May 2025	Comments	
F10	21 May 2025	Arrive Time	1021
F10	21 May 2025	Depart Time	1024
F10	21 May 2025	Air Temp (C)	18.7
F10	21 May 2025	Visibility (mi)	0
F10	21 May 2025	Wind Speed (kts)	0
F10	21 May 2025	Wind Dir	W
F10	21 May 2025	Sea State	Wind Ripples

Station	Date	Parameter	Value
F10	21 May 2025	High Tide Time	1800
F10	21 May 2025	Low Tide Time	1106
F10	21 May 2025	Comments	
F33	20 May 2025	Arrive Time	1012
F33	20 May 2025	Depart Time	1019
F33	20 May 2025	Air Temp (C)	16
F33	20 May 2025	Visibility (mi)	1
F33	20 May 2025	Wind Speed (kts)	5.7
F33	20 May 2025	Wind Dir	NW
F33	20 May 2025	Sea State	Calm
F33	20 May 2025	High Tide Time	248
F33	20 May 2025	Low Tide Time	1018
F33	20 May 2025	Comments	
F22	22 May 2025	Arrive Time	915
F22	22 May 2025	Depart Time	921
F22	22 May 2025	Air Temp (C)	16.8
F22	22 May 2025	Visibility (mi)	6
F22	22 May 2025	Wind Speed (kts)	5.4
F22	22 May 2025	Wind Dir	SW
F22	22 May 2025	Sea State	Calm
F22	22 May 2025	High Tide Time	1824
F22	22 May 2025	Low Tide Time	1154
F22	22 May 2025	Comments	
F11	21 May 2025	Arrive Time	1008
F11	21 May 2025	Depart Time	1012
F11	21 May 2025	Air Temp (C)	18.9
F11	21 May 2025	Visibility (mi)	0
F11	21 May 2025	Wind Speed (kts)	0
F11	21 May 2025	Wind Dir	W
F11	21 May 2025	Sea State	Wind Ripples
F11	21 May 2025	High Tide Time	1800
F11	21 May 2025	Low Tide Time	1106
F11	21 May 2025	Comments	
F34	20 May 2025	Arrive Time	952
F34	20 May 2025	Depart Time	1003
F34	20 May 2025	Air Temp (C)	16.2
F34	20 May 2025	Visibility (mi)	1
F34	20 May 2025	Wind Speed (kts)	2
F34	20 May 2025	Wind Dir	NW
F34	20 May 2025	Sea State	Calm
F34	20 May 2025	High Tide Time	248
F34	20 May 2025	Low Tide Time	1018
F34	20 May 2025	Comments	
F12	21 May 2025	Arrive Time	955
F12	21 May 2025	Depart Time	959
F12	21 May 2025	Air Temp (C)	18.6
F12	21 May 2025	Visibility (mi)	0
F12	21 May 2025	Wind Speed (kts)	0
F12	21 May 2025	Wind Dir	NE
F12	21 May 2025	Sea State	Wind Ripples
F12	21 May 2025	High Tide Time	1800
F12	21 May 2025	Low Tide Time	1106
F12	21 May 2025	Comments	
F02	21 May 2025	Arrive Time	850
F02	21 May 2025	Depart Time	858

Station	Date	Parameter	Value
F02	21 May 2025	Air Temp (C)	16.9
F02	21 May 2025	Visibility (mi)	0
F02	21 May 2025	Wind Speed (kts)	0
F02	21 May 2025	Wind Dir	E
F02	21 May 2025	Sea State	Wind Ripples
F02	21 May 2025	High Tide Time	1800
F02	21 May 2025	Low Tide Time	1106
F02	21 May 2025	Comments	Kelp Debris
F35	20 May 2025	Arrive Time	927
F35	20 May 2025	Depart Time	944
F35	20 May 2025	Air Temp (C)	16.1
F35	20 May 2025	Visibility (mi)	1
F35	20 May 2025	Wind Speed (kts)	7.8
F35	20 May 2025	Wind Dir	S
F35	20 May 2025	Sea State	Calm
F35	20 May 2025	High Tide Time	248
F35	20 May 2025	Low Tide Time	1018
F35	20 May 2025	Comments	OA 1m Btl# 2505202771 Nsk#6 ;OA 50m Btl# 2505202772 Nsk#4 ;OA 100m Btl# 2505202773 Nsk#1 ;OA 100m-dup Btl# 2505202774 Nsk#1 ;
F24	22 May 2025	Arrive Time	849
F24	22 May 2025	Depart Time	855
F24	22 May 2025	Air Temp (C)	17.3
F24	22 May 2025	Visibility (mi)	6
F24	22 May 2025	Wind Speed (kts)	2
F24	22 May 2025	Wind Dir	SW
F24	22 May 2025	Sea State	Calm
F24	22 May 2025	High Tide Time	1824
F24	22 May 2025	Low Tide Time	1154
F24	22 May 2025	Comments	
F13	21 May 2025	Arrive Time	938
F13	21 May 2025	Depart Time	950
F13	21 May 2025	Air Temp (C)	18.3
F13	21 May 2025	Visibility (mi)	0
F13	21 May 2025	Wind Speed (kts)	0
F13	21 May 2025	Wind Dir	N
F13	21 May 2025	Sea State	Wind Ripples
F13	21 May 2025	High Tide Time	1800
F13	21 May 2025	Low Tide Time	1106
F13	21 May 2025	Comments	OA 1m Btl# 2505212779 Nsk# 1;OA 60m Btl# 2505212780 Nsk# 3;
F36	20 May 2025	Arrive Time	859
F36	20 May 2025	Depart Time	920
F36	20 May 2025	Air Temp (C)	15.7
F36	20 May 2025	Visibility (mi)	1
F36	20 May 2025	Wind Speed (kts)	6.4
F36	20 May 2025	Wind Dir	W
F36	20 May 2025	Sea State	Calm
F36	20 May 2025	High Tide Time	248
F36	20 May 2025	Low Tide Time	1018
F36	20 May 2025	Comments	
F25	22 May 2025	Arrive Time	831
F25	22 May 2025	Depart Time	840
F25	22 May 2025	Air Temp (C)	16.7
F25	22 May 2025	Visibility (mi)	3
F25	22 May 2025	Wind Speed (kts)	4.6

Station	Date	Parameter	Value
F25	22 May 2025	Wind Dir	W
F25	22 May 2025	Sea State	Calm
F25	22 May 2025	High Tide Time	1824
F25	22 May 2025	Low Tide Time	1154
F25	22 May 2025	Comments	
F14	21 May 2025	Arrive Time	924
F14	21 May 2025	Depart Time	930
F14	21 May 2025	Air Temp (C)	18.1
F14	21 May 2025	Visibility (mi)	0
F14	21 May 2025	Wind Speed (kts)	0
F14	21 May 2025	Wind Dir	E
F14	21 May 2025	Sea State	Wind Ripples
F14	21 May 2025	High Tide Time	1800
F14	21 May 2025	Low Tide Time	1106
F14	21 May 2025	Comments	
F03	21 May 2025	Arrive Time	906
F03	21 May 2025	Depart Time	911
F03	21 May 2025	Air Temp (C)	17.7
F03	21 May 2025	Visibility (mi)	0
F03	21 May 2025	Wind Speed (kts)	0
F03	21 May 2025	Wind Dir	NW
F03	21 May 2025	Sea State	Wind Ripples
F03	21 May 2025	High Tide Time	1800
F03	21 May 2025	Low Tide Time	1106
F03	21 May 2025	Comments	Kelp Debris

Table 4.4

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

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F26	20 May 2025	1	18.18	94.96	8.1	33.45	8.1	24.0	0.08
F26	20 May 2025	2	17.85	94.89	8.2	33.45	8.1	24.1	0.09
F26	20 May 2025	3	17.70	93.98	8.2	33.44	8.1	24.2	0.12
F26	20 May 2025	4	17.43	94.12	8.3	33.44	8.1	24.2	0.15
F26	20 May 2025	5	17.46	94.91	8.3	33.43	8.1	24.2	0.10
F26	20 May 2025	6	17.21	95.20	8.4	33.43	8.1	24.3	0.12
F26	20 May 2025	7	17.05	95.29	8.7	33.42	8.1	24.3	0.12
F26	20 May 2025	8	16.97	95.27	9.0	33.42	8.1	24.3	0.16
F26	20 May 2025	9	16.32	94.90	9.3	33.44	8.2	24.5	0.18
F26	20 May 2025	10	15.58	94.50	9.3	33.42	8.1	24.6	0.19
F26	20 May 2025	11	15.53	93.85	8.9	33.40	8.1	24.6	0.27
F26	20 May 2025	12	14.48	92.86	8.9	33.35	8.1	24.8	0.36
F26	20 May 2025	13	13.77	92.61	8.7	33.33	8.1	24.9	0.44
F26	20 May 2025	14	13.71	93.89	8.4	33.33	8.0	25.0	0.43
F26	20 May 2025	15	13.60	94.10	8.2	33.40	8.0	25.0	0.45
F26	20 May 2025	16	13.50	94.15	8.1	33.42	8.0	25.1	0.48
F26	20 May 2025	17	13.41	93.87	7.9	33.42	8.0	25.1	0.54
F26	20 May 2025	18	13.20	94.00	7.8	33.42	8.0	25.1	0.53
F26	20 May 2025	19	13.00	94.30	7.6	33.42	8.0	25.2	0.56
F26	20 May 2025	20	12.74	94.30	7.5	33.41	8.0	25.2	0.59
F26	20 May 2025	21	12.56	94.41	7.3	33.41	8.0	25.2	0.60
F26	20 May 2025	22	12.48	94.54	7.1	33.43	7.9	25.3	0.51
F26	20 May 2025	23	12.35	94.86	7.0	33.43	7.9	25.3	0.49
F26	20 May 2025	24	12.19	95.07	6.9	33.43	7.9	25.3	0.48
F26	20 May 2025	25	12.12	95.21	6.8	33.42	7.9	25.3	0.48
F26	20 May 2025	26	12.04	95.31	6.7	33.43	7.9	25.4	0.48
F26	20 May 2025	27	11.97	95.15	6.7	33.44	7.9	25.4	0.47
F26	20 May 2025	28	11.95	95.43	6.6	33.44	7.9	25.4	0.46
F26	20 May 2025	29	11.93	95.46	6.5	33.44	7.9	25.4	0.49
F26	20 May 2025	30	11.83	95.44	6.4	33.45	7.9	25.4	0.49
F26	20 May 2025	31	11.64	95.59	6.3	33.47	7.9	25.5	0.44
F26	20 May 2025	32	11.50	95.93	6.2	33.47	7.8	25.5	0.38
F26	20 May 2025	33	11.40	96.06	6.0	33.47	7.8	25.5	0.35
F26	20 May 2025	34	11.34	96.15	6.0	33.48	7.8	25.5	0.36
F26	20 May 2025	35	11.24	96.23	5.9	33.50	7.8	25.6	0.34
F26	20 May 2025	36	11.19	96.28	5.8	33.51	7.8	25.6	0.31
F26	20 May 2025	37	11.14	96.36	5.8	33.51	7.8	25.6	0.31
F26	20 May 2025	38	11.07	96.29	5.7	33.51	7.8	25.6	0.29
F26	20 May 2025	39	11.03	96.43	5.6	33.53	7.8	25.6	0.29
F26	20 May 2025	40	11.02	96.47	5.5	33.55	7.8	25.6	0.29
F26	20 May 2025	41	11.03	96.54	5.4	33.56	7.8	25.6	0.29
F26	20 May 2025	42	10.94	96.58	5.4	33.57	7.8	25.7	0.28
F26	20 May 2025	43	10.87	96.59	5.3	33.59	7.8	25.7	0.25
F26	20 May 2025	44	10.83	96.65	5.2	33.60	7.8	25.7	0.24
F26	20 May 2025	45	10.81	96.74	5.2	33.61	7.8	25.7	0.23
F26	20 May 2025	46	10.79	96.65	5.1	33.61	7.8	25.7	0.23
F26	20 May 2025	47	10.76	96.71	5.0	33.62	7.8	25.7	0.23
F26	20 May 2025	48	10.73	96.69	5.0	33.62	7.8	25.8	0.24
F26	20 May 2025	49	10.72	96.75	4.9	33.63	7.8	25.8	0.23
F26	20 May 2025	50	10.71	96.75	4.9	33.63	7.8	25.8	0.29
F26	20 May 2025	51	10.71	96.77	4.8	33.64	7.7	25.8	0.24
F26	20 May 2025	52	10.71	96.77	4.8	33.64	7.7	25.8	0.25
F26	20 May 2025	53	10.70	96.79	4.7	33.65	7.7	25.8	0.25
F26	20 May 2025	54	10.68	96.81	4.7	33.65	7.7	25.8	0.26
F26	20 May 2025	55	10.61	96.79	4.6	33.67	7.7	25.8	0.25

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F26	20 May 2025	56	10.58	96.68	4.5	33.67	7.7	25.8	0.25
F26	20 May 2025	57	10.57	96.80	4.5	33.67	7.7	25.8	0.26
F26	20 May 2025	58	10.52	96.73	4.5	33.68	7.7	25.8	0.25
F26	20 May 2025	59	10.47	96.78	4.4	33.69	7.7	25.8	0.24
F26	20 May 2025	60	10.40	96.87	4.3	33.71	7.7	25.9	0.22
F26	20 May 2025	61	10.34	96.92	4.3	33.72	7.7	25.9	0.19
F26	20 May 2025	62	10.31	97.00	4.3	33.72	7.7	25.9	0.19
F26	20 May 2025	63	10.29	97.00	4.3	33.72	7.7	25.9	0.19
F26	20 May 2025	64	10.28	96.93	4.3	33.72	7.7	25.9	0.19
F26	20 May 2025	65	10.28	96.99	4.3	33.72	7.7	25.9	0.20
F26	20 May 2025	66	10.26	96.93	4.2	33.73	7.7	25.9	0.20
F26	20 May 2025	67	10.27	96.80	4.2	33.74	7.7	25.9	0.21
F26	20 May 2025	68	10.26	96.89	4.2	33.75	7.7	25.9	0.27
F26	20 May 2025	69	10.18	96.85	4.2	33.75	7.7	25.9	0.20
F26	20 May 2025	70	10.15	96.90	4.2	33.75	7.7	26.0	0.17
F26	20 May 2025	71	10.12	97.00	4.1	33.76	7.7	26.0	0.16
F26	20 May 2025	72	10.14	96.96	4.0	33.80	7.7	26.0	0.15
F26	20 May 2025	73	10.19	96.69	3.9	33.82	7.7	26.0	0.16
F26	20 May 2025	74	10.28	96.11	3.7	33.84	7.7	26.0	0.19
F26	20 May 2025	75	10.31	95.78	3.6	33.86	7.7	26.0	0.21
F26	20 May 2025	76	10.35	95.65	3.5	33.87	7.6	26.0	0.21
F26	20 May 2025	77	10.36	95.38	3.4	33.87	7.6	26.0	0.24
F26	20 May 2025	78	10.35	95.24	3.4	33.87	7.6	26.0	0.23
F26	20 May 2025	79	10.39	95.07	3.4	33.88	7.6	26.0	0.22
F26	20 May 2025	80	10.40	94.87	3.3	33.89	7.6	26.0	0.22
F26	20 May 2025	81	10.40	94.89	3.3	33.89	7.6	26.0	0.22
F26	20 May 2025	82	10.40	94.74	3.2	33.89	7.6	26.0	0.21
F26	20 May 2025	83	10.40	94.63	3.2	33.90	7.6	26.0	0.22
F26	20 May 2025	84	10.40	94.49	3.2	33.91	7.6	26.0	0.22
F26	20 May 2025	85	10.40	94.21	3.1	33.91	7.6	26.0	0.20
F26	20 May 2025	86	10.36	93.83	3.0	33.94	7.6	26.1	0.18
F26	20 May 2025	87	10.32	93.14	2.9	33.97	7.6	26.1	0.17
F26	20 May 2025	88	10.30	92.45	2.9	33.97	7.6	26.1	0.17
F26	20 May 2025	89	10.30	92.26	2.9	33.97	7.6	26.1	0.15
F26	20 May 2025	90	10.29	92.23	2.9	33.97	7.6	26.1	0.15
F26	20 May 2025	91	10.28	92.10	2.9	33.98	7.6	26.1	0.16
F26	20 May 2025	92	10.28	92.03	2.8	33.98	7.6	26.1	0.15
F26	20 May 2025	93	10.28	92.11	2.8	33.98	7.6	26.1	0.17
F26	20 May 2025	94	10.27	92.12	2.8	33.98	7.6	26.1	0.16
F26	20 May 2025	95	10.26	92.00	2.8	33.98	7.6	26.1	0.14
F26	20 May 2025	96	10.27	92.10	2.8	33.98	7.6	26.1	0.14
F26	20 May 2025	97	10.25	92.10	2.8	33.98	7.6	26.1	0.15
F26	20 May 2025	98	10.25	91.83	2.8	33.98	7.6	26.1	0.13
F15	22 May 2025	1	19.29	94.38	8.2	33.54	8.2	23.8	0.19
F15	22 May 2025	2	19.25	94.29	8.2	33.54	8.2	23.8	0.20
F15	22 May 2025	3	19.01	94.26	8.2	33.55	8.2	23.9	0.20
F15	22 May 2025	4	18.55	94.32	8.4	33.53	8.2	24.0	0.21
F15	22 May 2025	5	18.18	94.38	8.5	33.52	8.2	24.1	0.21
F15	22 May 2025	6	18.13	94.46	8.5	33.52	8.2	24.1	0.20
F15	22 May 2025	7	18.12	94.45	8.5	33.52	8.2	24.1	0.22
F15	22 May 2025	8	18.05	94.51	8.5	33.52	8.2	24.1	0.24
F15	22 May 2025	9	17.85	94.45	8.6	33.52	8.2	24.2	0.25
F15	22 May 2025	10	17.48	94.23	8.7	33.52	8.2	24.3	0.26
F15	22 May 2025	11	16.97	94.10	9.0	33.52	8.2	24.4	0.29
F15	22 May 2025	12	16.30	94.07	9.2	33.50	8.2	24.5	0.36
F15	22 May 2025	13	15.05	93.96	9.7	33.46	8.2	24.8	0.38
F15	22 May 2025	14	14.42	93.51	10.0	33.45	8.2	24.9	0.44
F15	22 May 2025	15	13.86	93.18	9.7	33.45	8.2	25.0	0.49
F15	22 May 2025	16	13.41	92.90	9.2	33.43	8.1	25.1	0.72
F15	22 May 2025	17	13.04	92.25	8.7	33.44	8.1	25.2	1.02

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F15	22 May 2025	18	12.69	91.54	8.0	33.47	8.1	25.3	4.61
F15	22 May 2025	19	12.09	85.48	7.3	33.47	8.0	25.4	3.50
F15	22 May 2025	20	11.90	89.26	6.8	33.44	7.9	25.4	1.82
F15	22 May 2025	21	11.82	92.76	6.6	33.44	7.9	25.4	1.40
F15	22 May 2025	22	11.77	93.63	6.4	33.44	7.9	25.4	1.20
F15	22 May 2025	23	11.72	94.06	6.4	33.45	7.9	25.4	1.16
F15	22 May 2025	24	11.67	94.34	6.3	33.46	7.9	25.5	1.11
F15	22 May 2025	25	11.64	94.61	6.2	33.47	7.9	25.5	1.27
F15	22 May 2025	26	11.51	94.44	6.1	33.49	7.9	25.5	1.28
F15	22 May 2025	27	11.40	94.54	6.0	33.50	7.9	25.5	1.16
F15	22 May 2025	28	11.36	94.75	5.9	33.51	7.9	25.5	0.99
F15	22 May 2025	29	11.35	95.16	5.8	33.51	7.9	25.6	0.90
F15	22 May 2025	30	11.35	95.52	5.8	33.52	7.9	25.6	0.82
F15	22 May 2025	31	11.33	95.71	5.7	33.53	7.8	25.6	0.71
F15	22 May 2025	32	11.30	95.97	5.6	33.54	7.8	25.6	0.73
F15	22 May 2025	33	11.26	96.15	5.6	33.55	7.8	25.6	0.63
F15	22 May 2025	34	11.20	96.15	5.5	33.57	7.8	25.6	0.58
F15	22 May 2025	35	11.09	96.24	5.3	33.59	7.8	25.7	0.55
F15	22 May 2025	36	11.01	96.43	5.2	33.59	7.8	25.7	0.47
F15	22 May 2025	37	10.95	96.53	5.1	33.60	7.8	25.7	0.46
F15	22 May 2025	38	10.93	96.52	5.1	33.60	7.8	25.7	0.46
F15	22 May 2025	39	10.90	96.60	5.0	33.61	7.8	25.7	0.47
F15	22 May 2025	40	10.86	96.59	4.9	33.62	7.8	25.7	0.49
F15	22 May 2025	41	10.81	96.53	4.9	33.62	7.8	25.7	0.46
F15	22 May 2025	42	10.70	96.53	4.9	33.63	7.8	25.8	0.48
F15	22 May 2025	43	10.64	96.49	4.8	33.65	7.8	25.8	0.44
F15	22 May 2025	44	10.60	96.57	4.7	33.65	7.8	25.8	0.52
F15	22 May 2025	45	10.57	96.77	4.6	33.66	7.8	25.8	0.39
F15	22 May 2025	46	10.53	96.88	4.5	33.67	7.8	25.8	0.32
F15	22 May 2025	47	10.47	96.93	4.5	33.69	7.8	25.8	0.31
F15	22 May 2025	48	10.42	96.91	4.4	33.70	7.7	25.9	0.29
F15	22 May 2025	49	10.38	96.90	4.4	33.71	7.7	25.9	0.28
F15	22 May 2025	50	10.35	96.89	4.3	33.72	7.7	25.9	0.29
F15	22 May 2025	51	10.36	96.78	4.3	33.73	7.7	25.9	0.31
F15	22 May 2025	52	10.38	96.73	4.2	33.74	7.7	25.9	0.34
F15	22 May 2025	53	10.39	96.71	4.2	33.74	7.7	25.9	0.36
F15	22 May 2025	54	10.40	96.65	4.2	33.74	7.7	25.9	0.37
F15	22 May 2025	55	10.41	96.64	4.1	33.75	7.7	25.9	0.37
F15	22 May 2025	56	10.43	96.55	4.1	33.77	7.7	25.9	0.38
F15	22 May 2025	57	10.45	96.39	4.0	33.78	7.7	25.9	0.37
F15	22 May 2025	58	10.45	96.37	3.9	33.79	7.7	25.9	0.40
F15	22 May 2025	59	10.50	96.23	3.7	33.83	7.7	26.0	0.38
F15	22 May 2025	60	10.51	95.91	3.5	33.84	7.7	26.0	0.35
F15	22 May 2025	61	10.52	95.79	3.4	33.86	7.7	26.0	0.31
F15	22 May 2025	62	10.53	95.76	3.3	33.87	7.7	26.0	0.29
F15	22 May 2025	63	10.53	95.92	3.3	33.87	7.7	26.0	0.29
F15	22 May 2025	64	10.53	96.07	3.3	33.87	7.7	26.0	0.28
F15	22 May 2025	65	10.52	96.10	3.3	33.87	7.7	26.0	0.26
F15	22 May 2025	66	10.51	96.04	3.3	33.87	7.7	26.0	0.28
F15	22 May 2025	67	10.51	95.89	3.2	33.87	7.7	26.0	0.25
F15	22 May 2025	68	10.49	95.73	3.2	33.87	7.7	26.0	0.24
F15	22 May 2025	69	10.49	95.32	3.2	33.87	7.7	26.0	0.23
F15	22 May 2025	70	10.48	94.50	3.1	33.87	7.6	26.0	0.22
F15	22 May 2025	71	10.48	93.74	3.1	33.88	7.6	26.0	0.22
F15	22 May 2025	72	10.46	92.11	2.9	33.90	7.6	26.0	0.22
F15	22 May 2025	73	10.42	89.79	2.9	33.91	7.6	26.0	0.21
F15	22 May 2025	74	10.37	89.06	2.8	33.94	7.6	26.1	0.18
F15	22 May 2025	75	10.33	88.73	2.8	33.95	7.6	26.1	0.17
F15	22 May 2025	76	10.28	89.10	2.8	33.96	7.6	26.1	0.16
F15	22 May 2025	77	10.30	89.14	2.8	33.96	7.6	26.1	0.16
F15	22 May 2025	78	10.27	88.78	2.8	33.97	7.6	26.1	0.16

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F15	22 May 2025	79	10.23	88.40	2.8	33.97	7.6	26.1	0.17
F15	22 May 2025	80	10.18	88.33	2.9	33.97	7.6	26.1	0.15
F15	22 May 2025	81	10.17	88.85	2.9	33.97	7.6	26.1	0.16
F04	21 May 2025	1	19.25	90.47	8.4	33.55	8.2	23.9	0.29
F04	21 May 2025	2	19.15	91.19	8.4	33.56	8.2	23.9	0.29
F04	21 May 2025	3	18.52	93.27	8.5	33.54	8.2	24.0	0.24
F04	21 May 2025	4	18.08	94.07	8.5	33.51	8.2	24.1	0.20
F04	21 May 2025	5	17.80	94.21	8.5	33.49	8.1	24.2	0.18
F04	21 May 2025	6	17.59	94.21	8.6	33.49	8.1	24.2	0.17
F04	21 May 2025	7	17.33	94.35	8.7	33.49	8.2	24.3	0.19
F04	21 May 2025	8	16.92	94.37	8.7	33.48	8.1	24.4	0.21
F04	21 May 2025	9	16.59	94.49	8.6	33.47	8.1	24.4	0.21
F04	21 May 2025	10	15.67	94.46	9.1	33.47	8.1	24.6	0.23
F04	21 May 2025	11	14.69	94.35	9.7	33.45	8.2	24.8	0.27
F04	21 May 2025	12	14.19	94.22	9.6	33.45	8.1	25.0	0.35
F04	21 May 2025	13	13.92	93.71	9.2	33.44	8.1	25.0	0.45
F04	21 May 2025	14	13.30	93.30	8.7	33.46	8.1	25.1	0.50
F04	21 May 2025	15	12.49	92.72	7.7	33.43	8.0	25.3	0.95
F04	21 May 2025	16	12.32	92.21	7.2	33.41	8.0	25.3	0.94
F04	21 May 2025	17	12.22	93.21	7.0	33.41	7.9	25.3	1.02
F04	21 May 2025	18	12.08	93.44	6.8	33.42	7.9	25.3	0.96
F04	21 May 2025	19	12.01	93.94	6.7	33.42	7.9	25.4	0.82
F04	21 May 2025	20	11.96	94.10	6.6	33.43	7.9	25.4	0.87
F04	21 May 2025	21	11.81	94.18	6.5	33.44	7.9	25.4	0.90
F04	21 May 2025	22	11.74	94.34	6.4	33.44	7.9	25.4	0.94
F04	21 May 2025	23	11.67	94.67	6.2	33.49	7.9	25.5	0.80
F04	21 May 2025	24	11.54	95.49	6.1	33.49	7.9	25.5	0.61
F04	21 May 2025	25	11.48	95.65	6.0	33.49	7.9	25.5	0.61
F04	21 May 2025	26	11.45	95.60	6.0	33.49	7.9	25.5	0.62
F04	21 May 2025	27	11.41	95.49	5.9	33.50	7.9	25.5	0.76
F04	21 May 2025	28	11.37	95.23	5.9	33.51	7.9	25.6	0.88
F04	21 May 2025	29	11.36	95.09	5.8	33.52	7.8	25.6	1.06
F04	21 May 2025	30	11.36	94.95	5.8	33.53	7.8	25.6	1.32
F04	21 May 2025	31	11.26	94.57	5.7	33.56	7.8	25.6	1.35
F04	21 May 2025	32	11.14	94.69	5.5	33.58	7.8	25.6	1.24
F04	21 May 2025	33	11.06	94.98	5.4	33.59	7.8	25.7	1.21
F04	21 May 2025	34	11.06	94.98	5.3	33.59	7.8	25.7	1.26
F04	21 May 2025	35	11.00	94.80	5.3	33.60	7.8	25.7	1.28
F04	21 May 2025	36	10.97	95.20	5.2	33.59	7.8	25.7	1.18
F04	21 May 2025	37	10.88	95.28	5.2	33.60	7.8	25.7	1.05
F04	21 May 2025	38	10.70	95.47	5.1	33.62	7.8	25.8	0.72
F04	21 May 2025	39	10.56	95.83	4.9	33.67	7.8	25.8	0.56
F04	21 May 2025	40	10.60	96.16	4.7	33.69	7.8	25.8	0.61
F04	21 May 2025	41	10.60	95.95	4.6	33.70	7.7	25.8	0.59
F04	21 May 2025	42	10.64	95.89	4.4	33.72	7.7	25.8	0.56
F04	21 May 2025	43	10.69	95.67	4.2	33.74	7.7	25.8	0.60
F04	21 May 2025	44	10.72	95.37	4.1	33.75	7.7	25.9	0.65
F04	21 May 2025	45	10.74	95.15	4.0	33.76	7.7	25.9	0.68
F04	21 May 2025	46	10.74	94.85	4.0	33.76	7.7	25.9	0.75
F04	21 May 2025	47	10.74	94.99	3.9	33.77	7.7	25.9	0.86
F04	21 May 2025	48	10.73	94.74	3.9	33.77	7.7	25.9	0.69
F04	21 May 2025	49	10.70	94.80	3.8	33.79	7.7	25.9	0.64
F04	21 May 2025	50	10.71	94.89	3.7	33.79	7.7	25.9	0.65
F04	21 May 2025	51	10.68	94.24	3.6	33.81	7.7	25.9	0.62
F04	21 May 2025	52	10.67	93.29	3.5	33.81	7.7	25.9	0.46
F04	21 May 2025	53	10.67	92.98	3.4	33.81	7.7	25.9	0.44
F04	21 May 2025	54	10.66	92.83	3.4	33.81	7.7	25.9	0.42
F04	21 May 2025	55	10.66	92.68	3.4	33.81	7.7	25.9	0.42
F04	21 May 2025	56	10.65	92.43	3.3	33.82	7.7	25.9	0.44
F04	21 May 2025	57	10.64	92.07	3.3	33.82	7.6	25.9	0.44

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F04	21 May 2025	58	10.62	91.86	3.2	33.84	7.6	25.9	0.40
F04	21 May 2025	59	10.60	90.67	3.1	33.84	7.6	25.9	0.35
F04	21 May 2025	60	10.60	89.27	3.1	33.84	7.6	25.9	0.43
F04	21 May 2025	61	10.60	88.80	3.0	33.85	7.6	25.9	0.35
F05	21 May 2025	1	19.41	92.77	8.4	33.55	8.2	23.8	0.24
F05	21 May 2025	2	19.25	92.88	8.4	33.56	8.2	23.9	0.25
F05	21 May 2025	3	18.66	92.73	8.6	33.55	8.2	24.0	0.21
F05	21 May 2025	4	18.40	93.73	8.7	33.54	8.2	24.1	0.19
F05	21 May 2025	5	18.13	93.91	8.8	33.53	8.2	24.1	0.21
F05	21 May 2025	6	17.95	94.00	8.8	33.52	8.2	24.1	0.20
F05	21 May 2025	7	17.91	94.00	8.8	33.51	8.2	24.2	0.19
F05	21 May 2025	8	17.67	94.03	8.9	33.51	8.2	24.2	0.20
F05	21 May 2025	9	17.34	94.21	9.4	33.54	8.2	24.3	0.20
F05	21 May 2025	10	17.20	93.98	10.0	33.57	8.2	24.4	0.23
F05	21 May 2025	11	16.92	93.70	10.2	33.57	8.3	24.4	0.27
F05	21 May 2025	12	16.11	93.13	10.0	33.54	8.2	24.6	0.28
F05	21 May 2025	13	14.92	93.21	10.0	33.49	8.2	24.8	0.27
F05	21 May 2025	14	14.38	93.10	10.0	33.49	8.2	24.9	0.31
F05	21 May 2025	15	13.92	93.64	9.7	33.48	8.2	25.0	0.38
F05	21 May 2025	16	13.71	93.60	9.5	33.47	8.1	25.1	0.50
F05	21 May 2025	17	13.27	93.15	9.4	33.47	8.1	25.2	0.56
F05	21 May 2025	18	12.77	92.39	9.0	33.47	8.1	25.2	1.20
F05	21 May 2025	19	12.53	91.35	8.2	33.46	8.0	25.3	3.86
F05	21 May 2025	20	12.22	85.90	7.3	33.45	8.0	25.3	2.34
F05	21 May 2025	21	12.10	89.05	6.9	33.43	7.9	25.4	1.36
F05	21 May 2025	22	11.98	91.85	6.8	33.44	7.9	25.4	1.34
F05	21 May 2025	23	11.94	93.49	6.6	33.44	7.9	25.4	1.53
F05	21 May 2025	24	11.82	93.81	6.5	33.45	7.9	25.4	1.40
F05	21 May 2025	25	11.75	94.05	6.4	33.45	7.9	25.4	1.30
F05	21 May 2025	26	11.68	94.21	6.3	33.46	7.9	25.4	1.13
F05	21 May 2025	27	11.64	94.48	6.2	33.47	7.9	25.5	1.26
F05	21 May 2025	28	11.51	94.76	6.2	33.49	7.9	25.5	0.79
F05	21 May 2025	29	11.49	95.50	6.1	33.49	7.9	25.5	0.69
F05	21 May 2025	30	11.44	95.59	6.0	33.50	7.9	25.5	1.02
F05	21 May 2025	31	11.42	95.31	5.9	33.51	7.9	25.5	1.13
F05	21 May 2025	32	11.48	94.92	5.8	33.55	7.8	25.6	1.37
F05	21 May 2025	33	11.36	94.59	5.6	33.61	7.8	25.6	1.50
F05	21 May 2025	34	11.14	94.60	5.4	33.60	7.8	25.7	1.37
F05	21 May 2025	35	11.04	94.76	5.3	33.61	7.8	25.7	1.17
F05	21 May 2025	36	10.94	94.96	5.2	33.61	7.8	25.7	1.17
F05	21 May 2025	37	10.95	95.02	5.2	33.60	7.8	25.7	1.26
F05	21 May 2025	38	10.84	95.38	5.2	33.62	7.8	25.7	1.27
F05	21 May 2025	39	10.71	95.57	5.1	33.62	7.8	25.8	0.83
F05	21 May 2025	40	10.66	95.95	5.1	33.62	7.8	25.8	0.70
F05	21 May 2025	41	10.64	96.17	5.1	33.62	7.8	25.8	0.69
F05	21 May 2025	42	10.60	96.34	5.0	33.63	7.8	25.8	0.71
F05	21 May 2025	43	10.53	96.22	4.9	33.67	7.8	25.8	0.50
F05	21 May 2025	44	10.51	96.42	4.7	33.70	7.7	25.8	0.46
F05	21 May 2025	45	10.53	96.30	4.6	33.70	7.7	25.8	0.50
F05	21 May 2025	46	10.51	96.20	4.5	33.71	7.7	25.9	0.52
F05	21 May 2025	47	10.52	96.41	4.5	33.71	7.7	25.9	0.50
F05	21 May 2025	48	10.55	96.40	4.4	33.73	7.7	25.9	0.53
F05	21 May 2025	49	10.56	96.20	4.3	33.73	7.7	25.9	0.54
F05	21 May 2025	50	10.56	96.31	4.3	33.73	7.7	25.9	0.54
F05	21 May 2025	51	10.60	96.21	4.2	33.75	7.7	25.9	0.54
F05	21 May 2025	52	10.61	96.11	4.1	33.75	7.7	25.9	0.54
F05	21 May 2025	53	10.60	95.98	4.0	33.77	7.7	25.9	0.53
F05	21 May 2025	54	10.60	95.95	4.0	33.77	7.7	25.9	0.56
F05	21 May 2025	55	10.62	95.69	3.7	33.81	7.7	25.9	0.49
F05	21 May 2025	56	10.62	95.22	3.6	33.82	7.7	25.9	0.43

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F05	21 May 2025	57	10.61	94.78	3.5	33.83	7.7	25.9	0.40
F05	21 May 2025	58	10.59	93.42	3.3	33.85	7.6	26.0	0.35
F05	21 May 2025	59	10.59	90.75	3.2	33.85	7.6	26.0	0.34
F05	21 May 2025	60	10.58	89.60	3.2	33.85	7.6	26.0	0.33
F05	21 May 2025	61	10.58	89.63	3.2	33.85	7.6	26.0	0.36
F27	20 May 2025	1	18.86	94.68	8.1	33.43	8.1	23.9	0.13
F27	20 May 2025	2	18.08	94.75	8.1	33.47	8.1	24.1	0.16
F27	20 May 2025	3	17.68	94.87	8.2	33.44	8.1	24.2	0.13
F27	20 May 2025	4	17.60	94.91	8.2	33.44	8.1	24.2	0.10
F27	20 May 2025	5	17.50	94.95	8.2	33.43	8.1	24.2	0.14
F27	20 May 2025	6	17.22	95.00	8.3	33.41	8.1	24.2	0.13
F27	20 May 2025	7	17.12	95.20	8.3	33.41	8.1	24.3	0.11
F27	20 May 2025	8	17.07	95.39	8.4	33.41	8.1	24.3	0.12
F27	20 May 2025	9	17.03	95.38	8.4	33.41	8.1	24.3	0.14
F27	20 May 2025	10	16.41	95.19	9.0	33.43	8.1	24.4	0.16
F27	20 May 2025	11	15.54	94.68	9.2	33.42	8.1	24.6	0.19
F27	20 May 2025	12	14.90	94.09	9.0	33.39	8.1	24.8	0.27
F27	20 May 2025	13	14.30	93.02	9.0	33.34	8.1	24.8	0.52
F27	20 May 2025	14	14.20	90.10	9.0	33.33	8.1	24.9	1.14
F27	20 May 2025	15	14.00	86.89	8.8	33.32	8.1	24.9	1.52
F27	20 May 2025	16	13.72	89.93	8.5	33.32	8.1	24.9	1.15
F27	20 May 2025	17	13.42	92.90	8.2	33.34	8.0	25.0	0.72
F27	20 May 2025	18	13.27	94.40	8.0	33.35	8.0	25.1	0.55
F27	20 May 2025	19	13.14	94.61	7.8	33.41	8.0	25.1	0.55
F27	20 May 2025	20	13.00	94.53	7.6	33.42	8.0	25.2	0.61
F27	20 May 2025	21	12.69	94.31	7.4	33.42	8.0	25.2	0.61
F27	20 May 2025	22	12.38	94.36	7.1	33.42	7.9	25.3	0.56
F27	20 May 2025	23	12.24	94.75	7.0	33.41	7.9	25.3	0.49
F27	20 May 2025	24	12.21	94.97	6.9	33.41	7.9	25.3	0.52
F27	20 May 2025	25	12.17	94.94	6.8	33.41	7.9	25.3	0.56
F27	20 May 2025	26	12.10	95.00	6.8	33.41	7.9	25.3	0.52
F27	20 May 2025	27	12.08	95.18	6.8	33.41	7.9	25.3	0.52
F27	20 May 2025	28	12.07	95.24	6.7	33.42	7.9	25.3	0.52
F27	20 May 2025	29	12.07	95.32	6.7	33.43	7.9	25.4	0.52
F27	20 May 2025	30	12.04	95.37	6.7	33.42	7.9	25.4	0.52
F27	20 May 2025	31	11.98	95.37	6.7	33.42	7.9	25.4	0.57
F27	20 May 2025	32	11.94	95.34	6.6	33.43	7.9	25.4	0.57
F27	20 May 2025	33	11.86	95.43	6.5	33.44	7.9	25.4	0.56
F27	20 May 2025	34	11.70	95.44	6.3	33.46	7.9	25.5	0.50
F27	20 May 2025	35	11.57	95.87	6.2	33.47	7.9	25.5	0.44
F27	20 May 2025	36	11.40	96.03	6.0	33.47	7.8	25.5	0.41
F27	20 May 2025	37	11.30	96.09	6.0	33.48	7.8	25.5	0.37
F27	20 May 2025	38	11.25	96.18	5.9	33.49	7.8	25.6	0.34
F27	20 May 2025	39	11.13	96.28	5.8	33.51	7.8	25.6	0.33
F27	20 May 2025	40	11.08	96.37	5.8	33.52	7.8	25.6	0.30
F27	20 May 2025	41	11.07	96.44	5.7	33.52	7.8	25.6	0.30
F27	20 May 2025	42	11.03	96.48	5.6	33.53	7.8	25.6	0.29
F27	20 May 2025	43	10.98	96.50	5.6	33.54	7.8	25.6	0.29
F27	20 May 2025	44	10.88	96.51	5.5	33.56	7.8	25.7	0.27
F27	20 May 2025	45	10.86	96.56	5.4	33.56	7.8	25.7	0.26
F27	20 May 2025	46	10.87	96.59	5.4	33.56	7.8	25.7	0.25
F27	20 May 2025	47	10.83	96.60	5.4	33.57	7.8	25.7	0.25
F27	20 May 2025	48	10.80	96.64	5.3	33.59	7.8	25.7	0.24
F27	20 May 2025	49	10.78	96.65	5.2	33.60	7.8	25.7	0.24
F27	20 May 2025	50	10.77	96.66	5.2	33.60	7.8	25.7	0.23
F27	20 May 2025	51	10.75	96.69	5.1	33.62	7.8	25.7	0.25
F27	20 May 2025	52	10.73	96.73	5.0	33.62	7.8	25.8	0.24
F27	20 May 2025	53	10.72	96.76	5.0	33.62	7.8	25.8	0.23
F27	20 May 2025	54	10.72	96.75	5.0	33.63	7.8	25.8	0.23
F27	20 May 2025	55	10.71	96.77	4.9	33.63	7.8	25.8	0.23

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F27	20 May 2025	56	10.70	96.79	4.9	33.63	7.8	25.8	0.24
F27	20 May 2025	57	10.69	96.79	4.8	33.64	7.7	25.8	0.24
F27	20 May 2025	58	10.68	96.82	4.8	33.64	7.7	25.8	0.26
F27	20 May 2025	59	10.64	96.78	4.7	33.65	7.7	25.8	0.26
F27	20 May 2025	60	10.61	96.79	4.7	33.65	7.7	25.8	0.26
F27	20 May 2025	61	10.59	96.81	4.7	33.65	7.7	25.8	0.25
F27	20 May 2025	62	10.55	96.84	4.6	33.66	7.7	25.8	0.24
F27	20 May 2025	63	10.48	96.83	4.6	33.68	7.7	25.8	0.23
F27	20 May 2025	64	10.47	96.87	4.5	33.68	7.7	25.8	0.22
F27	20 May 2025	65	10.42	96.84	4.4	33.70	7.7	25.9	0.21
F27	20 May 2025	66	10.37	96.84	4.4	33.70	7.7	25.9	0.20
F27	20 May 2025	67	10.34	96.89	4.3	33.72	7.7	25.9	0.19
F27	20 May 2025	68	10.30	96.94	4.3	33.73	7.7	25.9	0.19
F27	20 May 2025	69	10.27	96.97	4.2	33.73	7.7	25.9	0.18
F27	20 May 2025	70	10.24	96.98	4.2	33.73	7.7	25.9	0.17
F27	20 May 2025	71	10.20	97.01	4.2	33.74	7.7	25.9	0.17
F27	20 May 2025	72	10.13	96.97	4.2	33.76	7.7	26.0	0.16
F27	20 May 2025	73	10.11	97.00	4.2	33.76	7.7	26.0	0.14
F27	20 May 2025	74	10.08	97.06	4.1	33.77	7.7	26.0	0.13
F27	20 May 2025	75	10.03	97.03	4.1	33.78	7.7	26.0	0.12
F27	20 May 2025	76	9.98	97.01	4.1	33.80	7.7	26.0	0.11
F27	20 May 2025	77	9.96	97.04	4.0	33.80	7.7	26.0	0.10
F27	20 May 2025	78	9.96	97.09	4.0	33.81	7.7	26.0	0.10
F27	20 May 2025	79	9.98	97.07	4.0	33.81	7.7	26.0	0.10
F27	20 May 2025	80	10.01	96.96	3.9	33.82	7.7	26.0	0.11
F27	20 May 2025	81	10.09	96.87	3.8	33.84	7.7	26.0	0.12
F27	20 May 2025	82	10.14	96.65	3.7	33.85	7.7	26.0	0.15
F27	20 May 2025	83	10.22	96.11	3.5	33.88	7.6	26.0	0.15
F27	20 May 2025	84	10.21	95.79	3.5	33.88	7.6	26.0	0.16
F27	20 May 2025	85	10.21	95.89	3.5	33.87	7.6	26.0	0.16
F27	20 May 2025	86	10.23	95.96	3.5	33.88	7.6	26.0	0.15
F27	20 May 2025	87	10.26	95.79	3.4	33.89	7.6	26.0	0.16
F27	20 May 2025	88	10.33	95.34	3.2	33.91	7.6	26.0	0.17
F27	20 May 2025	89	10.35	94.70	3.1	33.91	7.6	26.0	0.17
F27	20 May 2025	90	10.34	94.08	3.0	33.91	7.6	26.0	0.16
F27	20 May 2025	91	10.31	93.59	2.9	33.91	7.6	26.0	0.18
F27	20 May 2025	92	10.26	93.11	2.9	33.90	7.6	26.1	0.14
F27	20 May 2025	93	10.24	92.24	2.9	33.93	7.6	26.1	0.12
F27	20 May 2025	94	10.21	94.21	3.0	33.96	7.6	26.1	0.13
F27	20 May 2025	95	10.16	94.50	3.0	33.98	7.6	26.1	0.12
F27	20 May 2025	96	10.15	94.06	3.0	33.99	7.6	26.1	0.12
F27	20 May 2025	97	10.13	92.93	2.9	34.00	7.6	26.1	0.11
F27	20 May 2025	98	10.10	91.89	2.9	34.01	7.6	26.2	0.12
F27	20 May 2025	99	10.10	91.19	2.9	34.00	7.6	26.2	0.11
F16	22 May 2025	1	19.27	94.35	8.2	33.54	8.2	23.8	0.20
F16	22 May 2025	2	19.30	94.34	8.2	33.54	8.2	23.8	0.20
F16	22 May 2025	3	18.82	90.99	8.3	33.55	8.2	24.0	0.21
F16	22 May 2025	4	18.40	92.09	8.4	33.52	8.2	24.0	0.21
F16	22 May 2025	5	18.22	94.18	8.5	33.52	8.2	24.1	0.23
F16	22 May 2025	6	18.16	94.33	8.5	33.53	8.2	24.1	0.22
F16	22 May 2025	7	18.09	94.41	8.5	33.53	8.2	24.1	0.25
F16	22 May 2025	8	17.73	94.27	8.6	33.54	8.2	24.2	0.27
F16	22 May 2025	9	17.22	94.02	8.8	33.52	8.2	24.3	0.30
F16	22 May 2025	10	16.42	93.87	9.3	33.54	8.2	24.5	0.33
F16	22 May 2025	11	15.18	93.80	9.9	33.48	8.2	24.8	0.40
F16	22 May 2025	12	14.68	93.39	10.0	33.46	8.2	24.9	0.46
F16	22 May 2025	13	13.88	93.17	9.9	33.47	8.2	25.0	0.52
F16	22 May 2025	14	13.16	92.79	9.0	33.44	8.1	25.2	0.99
F16	22 May 2025	15	12.79	91.63	8.1	33.46	8.0	25.2	1.67
F16	22 May 2025	16	12.42	89.30	7.4	33.49	8.0	25.3	5.49

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F16	22 May 2025	17	11.98	85.63	6.9	33.47	8.0	25.4	2.91
F16	22 May 2025	18	11.87	88.63	6.6	33.45	7.9	25.4	1.80
F16	22 May 2025	19	11.83	92.58	6.5	33.44	7.9	25.4	1.57
F16	22 May 2025	20	11.79	93.73	6.4	33.44	7.9	25.4	1.35
F16	22 May 2025	21	11.75	94.26	6.4	33.45	7.9	25.4	1.09
F16	22 May 2025	22	11.73	94.68	6.3	33.45	7.9	25.4	1.01
F16	22 May 2025	23	11.66	94.97	6.2	33.47	7.9	25.5	1.03
F16	22 May 2025	24	11.56	95.09	6.1	33.49	7.9	25.5	0.77
F16	22 May 2025	25	11.50	95.35	6.0	33.49	7.9	25.5	0.89
F16	22 May 2025	26	11.45	95.41	6.0	33.49	7.9	25.5	0.87
F16	22 May 2025	27	11.43	95.15	5.9	33.50	7.9	25.5	0.96
F16	22 May 2025	28	11.38	95.10	5.9	33.51	7.9	25.5	0.98
F16	22 May 2025	29	11.34	95.10	5.8	33.51	7.9	25.6	1.14
F16	22 May 2025	30	11.31	95.28	5.8	33.52	7.9	25.6	0.93
F16	22 May 2025	31	11.30	95.44	5.7	33.52	7.8	25.6	0.91
F16	22 May 2025	32	11.26	95.73	5.6	33.55	7.8	25.6	0.69
F16	22 May 2025	33	11.20	95.92	5.5	33.57	7.8	25.6	0.56
F16	22 May 2025	34	11.16	95.98	5.4	33.57	7.8	25.6	0.53
F16	22 May 2025	35	11.11	96.24	5.3	33.58	7.8	25.7	0.52
F16	22 May 2025	36	11.06	96.37	5.2	33.59	7.8	25.7	0.49
F16	22 May 2025	37	11.01	96.43	5.1	33.59	7.8	25.7	0.48
F16	22 May 2025	38	10.94	96.27	5.1	33.60	7.8	25.7	0.48
F16	22 May 2025	39	10.89	96.35	5.0	33.61	7.8	25.7	0.43
F16	22 May 2025	40	10.88	96.52	5.0	33.61	7.8	25.7	0.45
F16	22 May 2025	41	10.86	96.61	4.9	33.61	7.8	25.7	0.44
F16	22 May 2025	42	10.83	96.46	4.9	33.62	7.8	25.7	0.45
F16	22 May 2025	43	10.79	96.52	4.8	33.62	7.8	25.7	0.49
F16	22 May 2025	44	10.67	96.33	4.8	33.64	7.8	25.8	0.45
F16	22 May 2025	45	10.65	96.44	4.8	33.64	7.8	25.8	0.44
F16	22 May 2025	46	10.64	96.61	4.7	33.64	7.8	25.8	0.44
F16	22 May 2025	47	10.61	96.62	4.7	33.65	7.8	25.8	0.41
F16	22 May 2025	48	10.54	96.64	4.6	33.67	7.8	25.8	0.33
F16	22 May 2025	49	10.50	96.76	4.5	33.68	7.8	25.8	0.33
F16	22 May 2025	50	10.49	96.84	4.4	33.68	7.7	25.8	0.29
F16	22 May 2025	51	10.46	96.87	4.4	33.69	7.7	25.9	0.28
F16	22 May 2025	52	10.43	96.93	4.4	33.70	7.7	25.9	0.27
F16	22 May 2025	53	10.39	96.95	4.3	33.70	7.7	25.9	0.27
F16	22 May 2025	54	10.35	96.96	4.3	33.71	7.7	25.9	0.27
F16	22 May 2025	55	10.32	96.60	4.3	33.72	7.7	25.9	0.26
F16	22 May 2025	56	10.29	96.79	4.2	33.74	7.7	25.9	0.27
F16	22 May 2025	57	10.32	96.87	4.2	33.75	7.7	25.9	0.28
F16	22 May 2025	58	10.34	96.75	4.1	33.76	7.7	25.9	0.32
F16	22 May 2025	59	10.36	96.67	4.1	33.77	7.7	25.9	0.33
F16	22 May 2025	60	10.39	96.56	4.0	33.77	7.7	25.9	0.35
F16	22 May 2025	61	10.39	96.46	4.0	33.77	7.7	25.9	0.40
F16	22 May 2025	62	10.42	96.41	3.9	33.79	7.7	25.9	0.35
F16	22 May 2025	63	10.47	96.26	3.8	33.82	7.7	25.9	0.34
F16	22 May 2025	64	10.46	96.09	3.6	33.82	7.7	26.0	0.34
F16	22 May 2025	65	10.46	95.77	3.5	33.83	7.7	26.0	0.33
F16	22 May 2025	66	10.50	96.08	3.5	33.85	7.7	26.0	0.30
F16	22 May 2025	67	10.52	96.07	3.4	33.87	7.7	26.0	0.33
F16	22 May 2025	68	10.52	95.98	3.3	33.87	7.7	26.0	0.27
F16	22 May 2025	69	10.51	95.96	3.2	33.87	7.7	26.0	0.27
F16	22 May 2025	70	10.50	95.88	3.2	33.87	7.7	26.0	0.26
F16	22 May 2025	71	10.50	95.87	3.2	33.87	7.7	26.0	0.27
F16	22 May 2025	72	10.49	95.88	3.2	33.87	7.6	26.0	0.24
F16	22 May 2025	73	10.48	95.80	3.2	33.87	7.6	26.0	0.24
F16	22 May 2025	74	10.47	94.96	3.1	33.88	7.6	26.0	0.22
F16	22 May 2025	75	10.47	93.58	3.1	33.88	7.6	26.0	0.22
F16	22 May 2025	76	10.44	92.14	3.0	33.90	7.6	26.0	0.21
F16	22 May 2025	77	10.40	91.26	2.9	33.92	7.6	26.0	0.20

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F16	22 May 2025	78	10.35	90.89	2.8	33.95	7.6	26.1	0.17
F16	22 May 2025	79	10.27	90.07	2.8	33.97	7.6	26.1	0.16
F16	22 May 2025	80	10.23	89.93	2.8	33.97	7.6	26.1	0.14
F16	22 May 2025	81	10.23	89.81	2.7	33.97	7.6	26.1	0.14
F16	22 May 2025	82	10.22	89.46	2.7	33.97	7.6	26.1	0.14
F28	20 May 2025	1	18.10	94.87	8.1	33.45	8.1	24.1	0.16
F28	20 May 2025	2	17.99	94.27	8.1	33.46	8.1	24.1	0.08
F28	20 May 2025	3	17.58	94.75	8.2	33.46	8.1	24.2	0.14
F28	20 May 2025	4	17.18	94.87	8.3	33.43	8.1	24.3	0.09
F28	20 May 2025	5	17.11	95.25	8.4	33.42	8.1	24.3	0.09
F28	20 May 2025	6	17.07	95.34	8.4	33.42	8.1	24.3	0.09
F28	20 May 2025	7	17.04	95.50	8.4	33.42	8.1	24.3	0.11
F28	20 May 2025	8	17.02	95.43	8.4	33.42	8.1	24.3	0.12
F28	20 May 2025	9	16.99	95.30	8.4	33.42	8.1	24.3	0.14
F28	20 May 2025	10	16.86	94.98	8.6	33.43	8.1	24.3	0.16
F28	20 May 2025	11	16.77	94.76	8.8	33.44	8.1	24.4	0.19
F28	20 May 2025	12	16.00	94.54	9.3	33.45	8.1	24.6	0.20
F28	20 May 2025	13	15.59	94.26	9.4	33.42	8.1	24.6	0.21
F28	20 May 2025	14	15.13	93.97	9.3	33.41	8.1	24.7	0.23
F28	20 May 2025	15	14.83	93.27	9.2	33.38	8.1	24.8	0.55
F28	20 May 2025	16	14.55	89.81	9.0	33.39	8.1	24.8	0.65
F28	20 May 2025	17	14.05	87.84	8.9	33.34	8.1	24.9	1.04
F28	20 May 2025	18	13.83	89.30	8.7	33.33	8.1	24.9	1.16
F28	20 May 2025	19	13.80	91.77	8.5	33.33	8.0	24.9	1.03
F28	20 May 2025	20	13.64	92.81	8.4	33.33	8.0	25.0	0.98
F28	20 May 2025	21	13.48	93.54	8.2	33.34	8.0	25.0	0.81
F28	20 May 2025	22	13.33	94.02	8.1	33.35	8.0	25.0	0.70
F28	20 May 2025	23	13.22	94.45	7.9	33.35	8.0	25.1	0.63
F28	20 May 2025	24	13.06	94.58	7.8	33.41	8.0	25.2	0.67
F28	20 May 2025	25	12.89	94.58	7.6	33.41	8.0	25.2	0.68
F28	20 May 2025	26	12.75	94.82	7.5	33.41	8.0	25.2	0.71
F28	20 May 2025	27	12.70	94.86	7.4	33.42	8.0	25.2	0.69
F28	20 May 2025	28	12.67	94.86	7.3	33.42	8.0	25.2	0.72
F28	20 May 2025	29	12.62	94.85	7.2	33.42	7.9	25.2	0.72
F28	20 May 2025	30	12.51	94.86	7.1	33.42	7.9	25.3	0.77
F28	20 May 2025	31	12.33	94.92	7.0	33.43	7.9	25.3	0.74
F28	20 May 2025	32	12.24	95.16	6.9	33.43	7.9	25.3	0.66
F28	20 May 2025	33	12.21	95.32	6.8	33.43	7.9	25.3	0.66
F28	20 May 2025	34	12.07	95.30	6.7	33.43	7.9	25.4	0.65
F28	20 May 2025	35	11.91	95.38	6.6	33.44	7.9	25.4	0.61
F28	20 May 2025	36	11.73	95.60	6.4	33.48	7.9	25.5	0.54
F28	20 May 2025	37	11.69	95.89	6.2	33.48	7.9	25.5	0.48
F28	20 May 2025	38	11.60	96.07	6.1	33.49	7.8	25.5	0.47
F28	20 May 2025	39	11.55	96.13	6.0	33.50	7.8	25.5	0.45
F28	20 May 2025	40	11.35	96.20	5.9	33.49	7.8	25.5	0.40
F28	20 May 2025	41	11.27	96.28	5.8	33.49	7.8	25.6	0.37
F28	20 May 2025	42	11.15	96.33	5.8	33.50	7.8	25.6	0.36
F28	20 May 2025	43	11.10	96.37	5.7	33.52	7.8	25.6	0.31
F28	20 May 2025	44	11.10	96.46	5.6	33.53	7.8	25.6	0.31
F28	20 May 2025	45	11.08	96.46	5.6	33.54	7.8	25.6	0.31
F28	20 May 2025	46	11.02	96.49	5.5	33.55	7.8	25.6	0.30
F28	20 May 2025	47	11.01	96.56	5.4	33.55	7.8	25.6	0.29
F28	20 May 2025	48	10.98	96.59	5.4	33.56	7.8	25.7	0.28
F28	20 May 2025	49	10.93	96.53	5.3	33.57	7.8	25.7	0.29
F28	20 May 2025	50	10.92	96.57	5.3	33.57	7.8	25.7	0.29
F28	20 May 2025	51	10.91	96.62	5.2	33.58	7.8	25.7	0.27
F28	20 May 2025	52	10.92	96.64	5.2	33.58	7.8	25.7	0.27
F28	20 May 2025	53	10.88	96.66	5.2	33.58	7.8	25.7	0.27
F28	20 May 2025	54	10.83	96.58	5.2	33.59	7.8	25.7	0.26
F28	20 May 2025	55	10.78	96.61	5.2	33.59	7.8	25.7	0.24

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F28	20 May 2025	56	10.72	96.68	5.2	33.60	7.8	25.7	0.24
F28	20 May 2025	57	10.69	96.71	5.1	33.61	7.8	25.7	0.22
F28	20 May 2025	58	10.69	96.69	5.1	33.62	7.8	25.8	0.21
F28	20 May 2025	59	10.68	96.75	5.0	33.63	7.8	25.8	0.22
F28	20 May 2025	60	10.65	96.81	4.9	33.64	7.8	25.8	0.21
F28	20 May 2025	61	10.62	96.78	4.9	33.65	7.7	25.8	0.20
F28	20 May 2025	62	10.59	96.78	4.7	33.66	7.7	25.8	0.21
F28	20 May 2025	63	10.51	96.81	4.6	33.67	7.7	25.8	0.23
F28	20 May 2025	64	10.45	96.85	4.6	33.68	7.7	25.8	0.22
F28	20 May 2025	65	10.37	96.85	4.5	33.70	7.7	25.9	0.21
F28	20 May 2025	66	10.34	96.86	4.4	33.70	7.7	25.9	0.18
F28	20 May 2025	67	10.34	96.79	4.4	33.71	7.7	25.9	0.18
F28	20 May 2025	68	10.32	96.96	4.3	33.71	7.7	25.9	0.18
F28	20 May 2025	69	10.28	96.92	4.3	33.73	7.7	25.9	0.17
F28	20 May 2025	70	10.21	96.92	4.2	33.75	7.7	25.9	0.16
F28	20 May 2025	71	10.15	96.92	4.2	33.76	7.7	26.0	0.15
F28	20 May 2025	72	10.27	96.82	3.9	33.84	7.7	26.0	0.17
F28	20 May 2025	73	10.32	95.43	3.4	33.87	7.6	26.0	0.20
F28	20 May 2025	74	10.25	93.17	3.1	33.87	7.6	26.0	0.17
F28	20 May 2025	75	10.22	92.72	3.0	33.86	7.6	26.0	0.15
F28	20 May 2025	76	10.21	92.18	3.0	33.85	7.6	26.0	0.13
F28	20 May 2025	77	10.12	91.34	3.0	33.85	7.6	26.0	0.12
F28	20 May 2025	78	10.11	91.26	3.0	33.85	7.6	26.0	0.11
F28	20 May 2025	79	10.09	91.26	3.0	33.86	7.6	26.0	0.11
F28	20 May 2025	80	10.10	91.39	3.0	33.87	7.6	26.1	0.11
F28	20 May 2025	81	10.14	91.51	2.9	33.88	7.6	26.1	0.10
F28	20 May 2025	82	10.16	91.62	2.9	33.89	7.6	26.1	0.10
F28	20 May 2025	83	10.16	91.65	2.8	33.89	7.6	26.1	0.10
F28	20 May 2025	84	10.14	91.82	2.9	33.90	7.6	26.1	0.10
F28	20 May 2025	85	10.05	93.23	3.2	33.90	7.6	26.1	0.10
F28	20 May 2025	86	10.01	95.85	3.4	33.90	7.6	26.1	0.12
F28	20 May 2025	87	9.97	96.65	3.5	33.92	7.6	26.1	0.09
F28	20 May 2025	88	9.97	96.24	3.5	33.93	7.6	26.1	0.09
F28	20 May 2025	89	9.96	96.22	3.5	33.93	7.6	26.1	0.10
F28	20 May 2025	90	9.94	96.34	3.5	33.93	7.6	26.1	0.10
F28	20 May 2025	91	9.92	96.37	3.5	33.93	7.6	26.1	0.11
F28	20 May 2025	92	9.93	96.48	3.5	33.93	7.6	26.1	0.09
F28	20 May 2025	93	9.93	96.41	3.5	33.94	7.6	26.1	0.09
F28	20 May 2025	94	9.96	96.28	3.4	33.94	7.6	26.1	0.09
F28	20 May 2025	95	10.00	96.09	3.3	33.96	7.6	26.1	0.09
F28	20 May 2025	96	10.03	95.54	3.2	33.98	7.6	26.1	0.09
F28	20 May 2025	97	10.05	94.83	3.0	34.00	7.6	26.2	0.09
F28	20 May 2025	98	10.05	93.91	2.9	34.01	7.6	26.2	0.09
F28	20 May 2025	99	10.03	93.13	2.9	34.02	7.6	26.2	0.09
F28	20 May 2025	100	10.03	92.14	2.8	34.03	7.6	26.2	0.10
F17	22 May 2025	1	19.31	94.35	8.2	33.53	8.2	23.8	0.23
F17	22 May 2025	2	19.28	94.37	8.2	33.54	8.2	23.8	0.22
F17	22 May 2025	3	18.86	94.29	8.2	33.56	8.2	24.0	0.23
F17	22 May 2025	4	18.47	94.05	8.3	33.55	8.2	24.0	0.23
F17	22 May 2025	5	18.29	94.38	8.4	33.53	8.2	24.1	0.23
F17	22 May 2025	6	18.26	94.38	8.4	33.53	8.2	24.1	0.24
F17	22 May 2025	7	18.22	94.42	8.4	33.53	8.2	24.1	0.24
F17	22 May 2025	8	18.17	94.44	8.4	33.53	8.2	24.1	0.24
F17	22 May 2025	9	18.03	94.41	8.5	33.54	8.2	24.1	0.25
F17	22 May 2025	10	17.67	94.32	8.6	33.54	8.2	24.2	0.29
F17	22 May 2025	11	17.53	94.06	8.6	33.53	8.2	24.3	0.33
F17	22 May 2025	12	16.65	93.82	8.8	33.51	8.2	24.4	0.34
F17	22 May 2025	13	14.97	93.52	9.8	33.53	8.2	24.8	0.42
F17	22 May 2025	14	14.24	93.26	10.3	33.49	8.2	25.0	0.56
F17	22 May 2025	15	13.21	92.79	9.3	33.48	8.2	25.2	0.76

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F17	22 May 2025	16	12.49	87.73	7.9	33.47	8.0	25.3	5.03
F17	22 May 2025	17	12.23	86.49	7.0	33.48	8.0	25.4	1.95
F17	22 May 2025	18	11.92	92.03	6.7	33.46	7.9	25.4	1.69
F17	22 May 2025	19	11.86	93.84	6.6	33.45	7.9	25.4	1.38
F17	22 May 2025	20	11.79	94.13	6.5	33.44	7.9	25.4	1.36
F17	22 May 2025	21	11.78	94.58	6.4	33.44	7.9	25.4	1.10
F17	22 May 2025	22	11.76	94.98	6.3	33.44	7.9	25.4	1.09
F17	22 May 2025	23	11.68	94.94	6.3	33.45	7.9	25.4	0.98
F17	22 May 2025	24	11.63	95.32	6.2	33.48	7.9	25.5	0.74
F17	22 May 2025	25	11.72	95.75	6.2	33.47	7.9	25.5	0.78
F17	22 May 2025	26	11.53	95.95	6.1	33.51	7.9	25.5	0.76
F17	22 May 2025	27	11.45	95.91	6.0	33.51	7.9	25.5	0.73
F17	22 May 2025	28	11.38	95.84	5.9	33.52	7.9	25.6	0.80
F17	22 May 2025	29	11.35	95.45	5.8	33.52	7.9	25.6	0.93
F17	22 May 2025	30	11.33	95.56	5.8	33.52	7.9	25.6	0.76
F17	22 May 2025	31	11.33	95.65	5.7	33.52	7.8	25.6	0.81
F17	22 May 2025	32	11.23	95.53	5.6	33.55	7.8	25.6	0.69
F17	22 May 2025	33	11.12	95.85	5.4	33.59	7.8	25.7	0.56
F17	22 May 2025	34	11.09	96.32	5.3	33.58	7.8	25.7	0.47
F17	22 May 2025	35	11.07	96.53	5.2	33.58	7.8	25.7	0.46
F17	22 May 2025	36	11.05	96.54	5.2	33.59	7.8	25.7	0.43
F17	22 May 2025	37	11.03	96.59	5.2	33.59	7.8	25.7	0.43
F17	22 May 2025	38	11.01	96.61	5.2	33.59	7.8	25.7	0.42
F17	22 May 2025	39	10.98	96.42	5.2	33.59	7.8	25.7	0.41
F17	22 May 2025	40	10.97	96.55	5.1	33.59	7.8	25.7	0.40
F17	22 May 2025	41	10.96	96.65	5.1	33.59	7.8	25.7	0.42
F17	22 May 2025	42	10.96	96.66	5.1	33.59	7.8	25.7	0.41
F17	22 May 2025	43	10.93	96.70	5.1	33.60	7.8	25.7	0.44
F17	22 May 2025	44	10.87	96.69	5.0	33.61	7.8	25.7	0.40
F17	22 May 2025	45	10.87	96.76	5.0	33.61	7.8	25.7	0.38
F17	22 May 2025	46	10.85	96.80	5.0	33.61	7.8	25.7	0.37
F17	22 May 2025	47	10.82	96.76	4.9	33.62	7.8	25.7	0.37
F17	22 May 2025	48	10.79	96.70	4.8	33.63	7.8	25.7	0.36
F17	22 May 2025	49	10.78	96.73	4.8	33.63	7.8	25.7	0.37
F17	22 May 2025	50	10.70	96.75	4.7	33.64	7.8	25.8	0.38
F17	22 May 2025	51	10.65	96.75	4.7	33.65	7.8	25.8	0.48
F17	22 May 2025	52	10.62	96.77	4.6	33.65	7.8	25.8	0.35
F17	22 May 2025	53	10.57	96.80	4.6	33.66	7.8	25.8	0.33
F17	22 May 2025	54	10.55	96.83	4.6	33.67	7.8	25.8	0.29
F17	22 May 2025	55	10.55	96.87	4.5	33.67	7.7	25.8	0.28
F17	22 May 2025	56	10.39	96.98	4.4	33.71	7.7	25.9	0.27
F17	22 May 2025	57	10.34	96.98	4.3	33.72	7.7	25.9	0.26
F17	22 May 2025	58	10.31	96.97	4.2	33.73	7.7	25.9	0.25
F17	22 May 2025	59	10.30	96.85	4.2	33.74	7.7	25.9	0.26
F17	22 May 2025	60	10.31	96.82	4.2	33.75	7.7	25.9	0.27
F17	22 May 2025	61	10.33	96.76	4.1	33.76	7.7	25.9	0.29
F17	22 May 2025	62	10.36	96.61	4.0	33.78	7.7	25.9	0.30
F17	22 May 2025	63	10.38	96.42	3.9	33.80	7.7	25.9	0.29
F17	22 May 2025	64	10.40	96.32	3.8	33.80	7.7	25.9	0.31
F17	22 May 2025	65	10.41	96.23	3.7	33.80	7.7	25.9	0.31
F17	22 May 2025	66	10.44	96.21	3.7	33.81	7.7	26.0	0.32
F17	22 May 2025	67	10.46	96.11	3.6	33.82	7.7	26.0	0.33
F17	22 May 2025	68	10.47	95.97	3.5	33.83	7.7	26.0	0.32
F17	22 May 2025	69	10.49	95.91	3.4	33.84	7.7	26.0	0.32
F17	22 May 2025	70	10.50	95.75	3.3	33.85	7.7	26.0	0.29
F17	22 May 2025	71	10.50	95.66	3.2	33.86	7.7	26.0	0.26
F17	22 May 2025	72	10.51	95.65	3.2	33.87	7.7	26.0	0.25
F17	22 May 2025	73	10.51	95.77	3.2	33.87	7.7	26.0	0.25
F17	22 May 2025	74	10.50	95.96	3.2	33.87	7.6	26.0	0.24
F17	22 May 2025	75	10.47	95.93	3.2	33.88	7.6	26.0	0.23
F17	22 May 2025	76	10.44	95.14	3.1	33.89	7.6	26.0	0.22

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F17	22 May 2025	77	10.42	92.91	2.9	33.90	7.6	26.0	0.22
F17	22 May 2025	78	10.38	87.83	2.8	33.93	7.6	26.1	0.19
F17	22 May 2025	79	10.32	83.39	2.6	33.96	7.6	26.1	0.18
F17	22 May 2025	80	10.29	82.07	2.5	33.97	7.6	26.1	0.17
F17	22 May 2025	81	10.28	83.62	2.5	33.97	7.6	26.1	0.16
F17	22 May 2025	82	10.28	85.33	2.5	33.97	7.6	26.1	0.18
F06	21 May 2025	1	19.34	92.83	8.3	33.55	8.2	23.8	0.26
F06	21 May 2025	2	19.04	92.85	8.5	33.57	8.2	23.9	0.25
F06	21 May 2025	3	18.32	93.05	8.9	33.56	8.2	24.1	0.21
F06	21 May 2025	4	17.91	93.58	9.0	33.55	8.2	24.2	0.19
F06	21 May 2025	5	17.30	93.82	9.6	33.57	8.2	24.3	0.21
F06	21 May 2025	6	17.10	93.85	10.0	33.58	8.2	24.4	0.24
F06	21 May 2025	7	16.08	93.22	10.1	33.55	8.3	24.6	0.27
F06	21 May 2025	8	15.27	92.79	9.9	33.50	8.2	24.8	0.29
F06	21 May 2025	9	14.34	93.09	9.9	33.51	8.2	25.0	0.33
F06	21 May 2025	10	13.73	93.31	9.7	33.50	8.2	25.1	0.44
F06	21 May 2025	11	13.22	93.00	9.6	33.48	8.1	25.2	0.56
F06	21 May 2025	12	12.79	92.32	9.3	33.46	8.1	25.2	0.82
F06	21 May 2025	13	12.47	91.21	8.3	33.46	8.0	25.3	8.53
F06	21 May 2025	14	12.36	84.31	7.5	33.45	8.0	25.3	3.32
F06	21 May 2025	15	12.31	87.67	7.1	33.45	7.9	25.3	2.06
F06	21 May 2025	16	12.22	89.63	6.9	33.45	7.9	25.3	1.93
F06	21 May 2025	17	12.09	91.80	6.8	33.44	7.9	25.4	1.59
F06	21 May 2025	18	12.04	92.95	6.7	33.44	7.9	25.4	1.49
F06	21 May 2025	19	11.97	93.59	6.6	33.44	7.9	25.4	1.43
F06	21 May 2025	20	11.88	93.99	6.5	33.45	7.9	25.4	1.37
F06	21 May 2025	21	11.74	94.36	6.4	33.45	7.9	25.4	1.36
F06	21 May 2025	22	11.69	94.51	6.3	33.46	7.9	25.4	1.26
F06	21 May 2025	23	11.63	94.62	6.2	33.47	7.9	25.5	1.07
F06	21 May 2025	24	11.56	94.78	6.1	33.48	7.9	25.5	0.96
F06	21 May 2025	25	11.45	95.18	6.0	33.49	7.9	25.5	0.79
F06	21 May 2025	26	11.33	95.40	5.9	33.50	7.9	25.5	0.79
F06	21 May 2025	27	11.26	95.58	5.8	33.52	7.8	25.6	0.80
F06	21 May 2025	28	11.28	95.18	5.7	33.55	7.8	25.6	1.14
F06	21 May 2025	29	11.27	94.78	5.6	33.57	7.8	25.6	1.33
F06	21 May 2025	30	11.10	94.60	5.5	33.58	7.8	25.6	1.21
F06	21 May 2025	31	11.06	94.99	5.4	33.57	7.8	25.6	1.18
F06	21 May 2025	32	11.08	95.14	5.4	33.58	7.8	25.7	1.16
F06	21 May 2025	33	11.03	95.17	5.3	33.60	7.8	25.7	1.21
F06	21 May 2025	34	10.94	94.72	5.2	33.61	7.8	25.7	1.22
F06	21 May 2025	35	10.85	95.19	5.1	33.62	7.8	25.7	1.22
F06	21 May 2025	36	10.75	94.98	5.1	33.63	7.8	25.8	1.10
F06	21 May 2025	37	10.68	95.64	5.0	33.63	7.8	25.8	0.82
F06	21 May 2025	38	10.64	96.07	5.0	33.63	7.8	25.8	0.72
F06	21 May 2025	39	10.61	96.13	5.0	33.63	7.8	25.8	0.63
F06	21 May 2025	40	10.59	96.13	5.0	33.64	7.8	25.8	0.59
F06	21 May 2025	41	10.55	96.28	5.0	33.64	7.8	25.8	0.54
F06	21 May 2025	42	10.51	96.41	4.9	33.65	7.8	25.8	0.49
F06	21 May 2025	43	10.51	96.45	4.8	33.67	7.8	25.8	0.46
F06	21 May 2025	44	10.51	96.52	4.7	33.69	7.8	25.8	0.43
F06	21 May 2025	45	10.52	96.53	4.6	33.68	7.7	25.8	0.43
F06	21 May 2025	46	10.51	96.55	4.6	33.71	7.7	25.9	0.44
F06	21 May 2025	47	10.51	96.51	4.5	33.72	7.7	25.9	0.46
F06	21 May 2025	48	10.53	96.45	4.4	33.73	7.7	25.9	0.47
F06	21 May 2025	49	10.56	96.33	4.2	33.75	7.7	25.9	0.47
F06	21 May 2025	50	10.59	96.28	4.1	33.76	7.7	25.9	0.49
F06	21 May 2025	51	10.63	96.25	4.0	33.78	7.7	25.9	0.47
F06	21 May 2025	52	10.64	95.92	3.7	33.81	7.7	25.9	0.44
F06	21 May 2025	53	10.63	95.83	3.7	33.80	7.7	25.9	0.48
F06	21 May 2025	54	10.63	95.74	3.6	33.82	7.7	25.9	0.46

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F06	21 May 2025	55	10.62	95.66	3.5	33.83	7.7	25.9	0.44
F06	21 May 2025	56	10.62	95.30	3.4	33.83	7.7	25.9	0.38
F06	21 May 2025	57	10.61	95.26	3.4	33.84	7.7	25.9	0.37
F06	21 May 2025	58	10.59	95.02	3.3	33.84	7.7	25.9	0.33
F06	21 May 2025	59	10.58	91.40	3.2	33.85	7.6	26.0	0.31
F06	21 May 2025	60	10.57	89.56	3.2	33.85	7.6	26.0	0.31
F06	21 May 2025	61	10.55	88.32	3.1	33.86	7.6	26.0	0.30
F06	21 May 2025	62	10.55	87.72	3.1	33.86	7.6	26.0	0.31
F01	21 May 2025	1	18.42	89.14	9.9	33.58	8.2	24.1	0.42
F01	21 May 2025	2	18.34	89.09	9.9	33.59	8.2	24.1	0.41
F01	21 May 2025	3	18.15	89.02	10.0	33.59	8.2	24.2	0.49
F01	21 May 2025	4	17.92	88.35	10.0	33.61	8.3	24.2	0.62
F01	21 May 2025	5	17.24	86.98	10.2	33.64	8.3	24.4	0.76
F01	21 May 2025	6	16.82	85.37	10.2	33.63	8.3	24.5	0.97
F01	21 May 2025	7	16.53	83.08	9.8	33.65	8.2	24.6	1.47
F01	21 May 2025	8	16.13	81.05	9.7	33.64	8.2	24.7	2.24
F01	21 May 2025	9	14.81	74.02	9.5	33.66	8.2	25.0	14.05
F01	21 May 2025	10	14.54	68.47	8.9	33.63	8.1	25.0	9.04
F01	21 May 2025	11	14.41	74.53	8.4	33.63	8.1	25.0	7.45
F01	21 May 2025	12	13.25	76.54	7.8	33.64	8.0	25.3	6.76
F01	21 May 2025	13	12.91	79.10	7.0	33.62	7.9	25.3	6.58
F01	21 May 2025	14	12.70	81.09	6.3	33.62	7.9	25.4	6.52
F01	21 May 2025	15	12.26	83.12	5.3	33.66	7.8	25.5	4.68
F01	21 May 2025	16	11.81	85.23	4.3	33.68	7.7	25.6	3.84
F01	21 May 2025	17	11.51	86.21	4.0	33.68	7.7	25.7	2.49
F01	21 May 2025	18	11.49	90.17	3.9	33.68	7.7	25.7	1.28
F29	20 May 2025	1	17.92	93.78	8.2	33.44	8.1	24.1	0.28
F29	20 May 2025	2	17.84	93.97	8.1	33.45	8.1	24.1	0.13
F29	20 May 2025	3	17.23	94.93	8.3	33.43	8.1	24.3	0.17
F29	20 May 2025	4	17.09	95.07	8.3	33.42	8.1	24.3	0.09
F29	20 May 2025	5	17.03	95.36	8.4	33.41	8.1	24.3	0.09
F29	20 May 2025	6	16.96	95.41	8.4	33.42	8.1	24.3	0.11
F29	20 May 2025	7	16.70	95.32	8.6	33.44	8.1	24.4	0.13
F29	20 May 2025	8	15.95	95.03	9.0	33.43	8.1	24.6	0.15
F29	20 May 2025	9	15.33	94.54	9.3	33.41	8.1	24.7	0.20
F29	20 May 2025	10	15.09	93.90	9.1	33.41	8.1	24.7	0.27
F29	20 May 2025	11	14.55	93.60	9.0	33.39	8.1	24.8	0.39
F29	20 May 2025	12	14.22	92.20	8.9	33.37	8.1	24.9	0.92
F29	20 May 2025	13	13.88	88.58	8.8	33.36	8.1	24.9	1.53
F29	20 May 2025	14	13.72	89.21	8.6	33.35	8.0	25.0	1.25
F29	20 May 2025	15	13.54	91.59	8.3	33.34	8.0	25.0	1.07
F29	20 May 2025	16	13.21	92.76	8.1	33.34	8.0	25.1	0.82
F29	20 May 2025	17	13.00	93.65	7.8	33.36	8.0	25.1	0.63
F29	20 May 2025	18	12.86	94.44	7.6	33.40	8.0	25.2	0.55
F29	20 May 2025	19	12.73	94.79	7.4	33.41	8.0	25.2	0.47
F29	20 May 2025	20	12.61	95.05	7.3	33.41	7.9	25.2	0.49
F29	20 May 2025	21	12.58	95.16	7.2	33.42	7.9	25.2	0.49
F29	20 May 2025	22	12.53	95.26	7.1	33.43	7.9	25.3	0.55
F29	20 May 2025	23	12.42	95.29	7.0	33.45	7.9	25.3	0.48
F29	20 May 2025	24	12.28	95.41	6.9	33.44	7.9	25.3	0.49
F29	20 May 2025	25	12.20	95.34	6.8	33.44	7.9	25.3	0.49
F29	20 May 2025	26	12.14	95.45	6.7	33.45	7.9	25.4	0.49
F29	20 May 2025	27	11.90	95.47	6.6	33.45	7.9	25.4	0.53
F29	20 May 2025	28	11.95	95.64	6.5	33.45	7.9	25.4	0.50
F29	20 May 2025	29	11.80	95.77	6.4	33.45	7.9	25.4	0.48
F29	20 May 2025	30	11.74	95.78	6.3	33.48	7.9	25.5	0.44
F29	20 May 2025	31	11.71	95.85	6.2	33.49	7.8	25.5	0.45
F29	20 May 2025	32	11.63	95.09	6.1	33.50	7.8	25.5	0.43
F29	20 May 2025	33	11.53	84.99	6.0	33.52	7.8	25.5	0.40

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F29	20 May 2025	34	11.30	82.80	5.8	33.52	7.8	25.6	0.37
F29	20 May 2025	35	11.29	95.87	5.8	33.51	7.8	25.6	0.32
F29	20 May 2025	36	11.18	96.40	5.7	33.52	7.8	25.6	0.34
F29	20 May 2025	37	11.12	96.40	5.6	33.54	7.8	25.6	0.30
F29	20 May 2025	38	11.07	96.39	5.5	33.55	7.8	25.6	0.29
F29	20 May 2025	39	11.02	96.41	5.4	33.55	7.8	25.6	0.28
F29	20 May 2025	40	10.94	96.47	5.4	33.56	7.8	25.7	0.26
F29	20 May 2025	41	10.90	96.59	5.3	33.57	7.8	25.7	0.24
F29	20 May 2025	42	10.85	96.62	5.2	33.59	7.8	25.7	0.23
F29	20 May 2025	43	10.80	96.71	5.1	33.60	7.8	25.7	0.23
F29	20 May 2025	44	10.75	96.72	5.0	33.61	7.8	25.7	0.22
F29	20 May 2025	45	10.70	96.66	5.0	33.62	7.8	25.8	0.22
F29	20 May 2025	46	10.65	96.69	5.0	33.62	7.8	25.8	0.21
F29	20 May 2025	47	10.62	96.74	5.0	33.63	7.8	25.8	0.20
F29	20 May 2025	48	10.61	96.77	4.9	33.64	7.8	25.8	0.19
F29	20 May 2025	49	10.60	96.81	4.9	33.65	7.7	25.8	0.19
F29	20 May 2025	50	10.58	96.80	4.8	33.66	7.7	25.8	0.18
F29	20 May 2025	51	10.54	96.83	4.8	33.66	7.7	25.8	0.19
F29	20 May 2025	52	10.50	96.81	4.7	33.68	7.7	25.8	0.19
F29	20 May 2025	53	10.47	96.87	4.6	33.69	7.7	25.8	0.18
F29	20 May 2025	54	10.43	96.88	4.5	33.70	7.7	25.9	0.19
F29	20 May 2025	55	10.36	96.85	4.4	33.71	7.7	25.9	0.19
F29	20 May 2025	56	10.31	96.91	4.4	33.72	7.7	25.9	0.18
F29	20 May 2025	57	10.27	96.93	4.3	33.73	7.7	25.9	0.16
F29	20 May 2025	58	10.26	96.95	4.3	33.73	7.7	25.9	0.18
F29	20 May 2025	59	10.26	96.94	4.2	33.74	7.7	25.9	0.19
F29	20 May 2025	60	10.26	96.97	4.2	33.74	7.7	25.9	0.15
F29	20 May 2025	61	10.25	96.96	4.2	33.74	7.7	25.9	0.15
F29	20 May 2025	62	10.25	96.99	4.2	33.74	7.7	25.9	0.15
F29	20 May 2025	63	10.25	96.96	4.2	33.74	7.7	25.9	0.15
F29	20 May 2025	64	10.18	96.95	4.0	33.77	7.7	26.0	0.15
F29	20 May 2025	65	10.18	96.54	3.9	33.78	7.7	26.0	0.14
F29	20 May 2025	66	10.20	95.28	3.6	33.78	7.6	26.0	0.13
F29	20 May 2025	67	10.22	93.29	3.5	33.80	7.6	26.0	0.13
F29	20 May 2025	68	10.20	92.73	3.3	33.81	7.6	26.0	0.13
F29	20 May 2025	69	10.19	92.31	3.2	33.82	7.6	26.0	0.12
F29	20 May 2025	70	10.26	91.82	3.1	33.85	7.6	26.0	0.13
F29	20 May 2025	71	10.27	93.02	3.1	33.86	7.6	26.0	0.14
F29	20 May 2025	72	10.23	93.39	3.2	33.86	7.6	26.0	0.15
F29	20 May 2025	73	10.16	93.02	3.1	33.85	7.6	26.0	0.13
F29	20 May 2025	74	10.13	92.24	3.1	33.85	7.6	26.0	0.11
F29	20 May 2025	75	10.13	91.97	3.1	33.85	7.6	26.0	0.11
F29	20 May 2025	76	10.09	91.94	3.0	33.86	7.6	26.0	0.11
F29	20 May 2025	77	10.07	91.76	3.0	33.86	7.6	26.1	0.10
F29	20 May 2025	78	10.10	91.75	3.0	33.87	7.6	26.1	0.10
F29	20 May 2025	79	10.10	91.70	3.0	33.88	7.6	26.1	0.10
F29	20 May 2025	80	10.11	92.02	3.0	33.88	7.6	26.1	0.10
F29	20 May 2025	81	10.10	92.74	3.0	33.89	7.6	26.1	0.10
F29	20 May 2025	82	10.06	93.48	3.2	33.88	7.6	26.1	0.10
F29	20 May 2025	83	9.91	95.23	3.5	33.86	7.6	26.1	0.09
F29	20 May 2025	84	9.90	96.31	3.7	33.88	7.7	26.1	0.09
F29	20 May 2025	85	9.92	96.12	3.6	33.91	7.6	26.1	0.09
F29	20 May 2025	86	9.86	95.36	3.6	33.91	7.6	26.1	0.08
F29	20 May 2025	87	9.95	95.74	3.5	33.95	7.6	26.1	0.08
F29	20 May 2025	88	9.91	95.49	3.4	33.96	7.6	26.2	0.09
F29	20 May 2025	89	9.89	95.47	3.4	33.95	7.6	26.1	0.08
F29	20 May 2025	90	9.84	95.86	3.4	33.96	7.6	26.2	0.07
F29	20 May 2025	91	9.84	96.02	3.4	33.96	7.6	26.2	0.07
F29	20 May 2025	92	9.87	96.01	3.4	33.97	7.6	26.2	0.08
F29	20 May 2025	93	9.90	95.88	3.3	33.98	7.6	26.2	0.07
F29	20 May 2025	94	9.92	95.65	3.2	33.98	7.6	26.2	0.08

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F29	20 May 2025	95	9.96	95.28	3.1	34.00	7.6	26.2	0.08
F29	20 May 2025	96	9.97	95.03	3.1	34.00	7.6	26.2	0.08
F29	20 May 2025	97	9.99	94.80	3.0	34.01	7.6	26.2	0.08
F29	20 May 2025	98	10.00	94.17	3.0	34.02	7.6	26.2	0.09
F29	20 May 2025	99	10.00	93.71	2.9	34.02	7.6	26.2	0.09
F18	22 May 2025	1	19.23	94.16	8.3	33.53	8.2	23.8	0.22
F18	22 May 2025	2	19.31	94.15	8.2	33.54	8.2	23.8	0.22
F18	22 May 2025	3	19.14	94.15	8.2	33.55	8.2	23.9	0.23
F18	22 May 2025	4	18.47	94.25	8.3	33.55	8.2	24.0	0.24
F18	22 May 2025	5	18.10	94.34	8.5	33.53	8.2	24.1	0.25
F18	22 May 2025	6	17.93	94.37	8.5	33.54	8.2	24.2	0.24
F18	22 May 2025	7	17.81	94.15	8.6	33.53	8.2	24.2	0.26
F18	22 May 2025	8	17.56	94.14	8.7	33.53	8.2	24.3	0.29
F18	22 May 2025	9	16.88	94.00	8.9	33.52	8.2	24.4	0.34
F18	22 May 2025	10	16.09	93.62	9.2	33.51	8.2	24.6	0.42
F18	22 May 2025	11	14.99	93.14	9.9	33.52	8.2	24.8	0.53
F18	22 May 2025	12	13.82	93.04	9.9	33.48	8.2	25.0	0.59
F18	22 May 2025	13	13.41	92.91	9.3	33.46	8.1	25.1	0.98
F18	22 May 2025	14	12.60	87.42	8.1	33.47	8.1	25.3	9.76
F18	22 May 2025	15	12.29	79.15	6.9	33.46	7.9	25.3	4.66
F18	22 May 2025	16	11.98	90.07	6.6	33.45	7.9	25.4	2.72
F18	22 May 2025	17	11.92	92.65	6.6	33.44	7.9	25.4	1.65
F18	22 May 2025	18	11.87	93.55	6.5	33.44	7.9	25.4	1.44
F18	22 May 2025	19	11.85	93.83	6.4	33.45	7.9	25.4	1.48
F18	22 May 2025	20	11.81	94.44	6.4	33.45	7.9	25.4	1.28
F18	22 May 2025	21	11.77	94.44	6.3	33.45	7.9	25.4	1.20
F18	22 May 2025	22	11.72	94.88	6.2	33.46	7.9	25.4	1.02
F18	22 May 2025	23	11.66	95.01	6.2	33.46	7.9	25.5	0.85
F18	22 May 2025	24	11.61	95.38	6.1	33.47	7.9	25.5	0.84
F18	22 May 2025	25	11.62	95.43	6.1	33.48	7.9	25.5	0.73
F18	22 May 2025	26	11.55	95.87	6.0	33.52	7.9	25.5	0.66
F18	22 May 2025	27	11.49	95.95	5.9	33.52	7.9	25.5	0.69
F18	22 May 2025	28	11.44	96.04	5.9	33.52	7.9	25.5	0.62
F18	22 May 2025	29	11.40	96.08	5.8	33.52	7.8	25.6	0.67
F18	22 May 2025	30	11.37	96.09	5.8	33.53	7.8	25.6	0.72
F18	22 May 2025	31	11.34	96.00	5.7	33.53	7.8	25.6	0.69
F18	22 May 2025	32	11.32	95.98	5.7	33.54	7.8	25.6	0.72
F18	22 May 2025	33	11.27	95.98	5.6	33.54	7.8	25.6	0.72
F18	22 May 2025	34	11.23	95.94	5.5	33.55	7.8	25.6	0.67
F18	22 May 2025	35	11.21	95.93	5.5	33.56	7.8	25.6	0.83
F18	22 May 2025	36	11.14	95.95	5.4	33.58	7.8	25.6	0.60
F18	22 May 2025	37	11.02	96.11	5.2	33.60	7.8	25.7	0.49
F18	22 May 2025	38	10.95	96.47	5.1	33.60	7.8	25.7	0.46
F18	22 May 2025	39	10.92	96.57	5.0	33.60	7.8	25.7	0.43
F18	22 May 2025	40	10.82	96.60	5.0	33.62	7.8	25.7	0.39
F18	22 May 2025	41	10.79	96.69	4.9	33.62	7.8	25.7	0.36
F18	22 May 2025	42	10.79	96.69	4.8	33.62	7.8	25.7	0.35
F18	22 May 2025	43	10.78	96.74	4.8	33.63	7.8	25.7	0.37
F18	22 May 2025	44	10.71	96.63	4.8	33.64	7.8	25.8	0.37
F18	22 May 2025	45	10.65	96.60	4.7	33.65	7.8	25.8	0.34
F18	22 May 2025	46	10.62	96.80	4.6	33.66	7.8	25.8	0.32
F18	22 May 2025	47	10.59	96.85	4.6	33.66	7.8	25.8	0.30
F18	22 May 2025	48	10.58	96.98	4.6	33.66	7.8	25.8	0.30
F18	22 May 2025	49	10.48	96.92	4.5	33.68	7.7	25.8	0.27
F18	22 May 2025	50	10.45	96.91	4.4	33.69	7.7	25.9	0.26
F18	22 May 2025	51	10.40	96.98	4.4	33.70	7.7	25.9	0.25
F18	22 May 2025	52	10.40	97.01	4.3	33.70	7.7	25.9	0.26
F18	22 May 2025	53	10.39	97.01	4.3	33.70	7.7	25.9	0.25
F18	22 May 2025	54	10.32	96.99	4.3	33.72	7.7	25.9	0.25
F18	22 May 2025	55	10.31	96.98	4.3	33.72	7.7	25.9	0.27

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F18	22 May 2025	56	10.34	96.92	4.3	33.73	7.7	25.9	0.28
F18	22 May 2025	57	10.41	96.81	4.2	33.76	7.7	25.9	0.36
F18	22 May 2025	58	10.42	96.41	4.0	33.77	7.7	25.9	0.40
F18	22 May 2025	59	10.43	96.10	4.0	33.79	7.7	25.9	0.38
F18	22 May 2025	60	10.43	96.09	3.9	33.80	7.7	25.9	0.40
F18	22 May 2025	61	10.43	96.10	3.9	33.80	7.7	25.9	0.36
F18	22 May 2025	62	10.43	96.09	3.8	33.80	7.7	25.9	0.34
F18	22 May 2025	63	10.45	96.27	3.8	33.81	7.7	25.9	0.35
F18	22 May 2025	64	10.46	96.32	3.7	33.83	7.7	26.0	0.36
F18	22 May 2025	65	10.48	96.28	3.6	33.84	7.7	26.0	0.34
F18	22 May 2025	66	10.49	96.17	3.5	33.86	7.7	26.0	0.34
F18	22 May 2025	67	10.52	95.98	3.3	33.87	7.7	26.0	0.32
F18	22 May 2025	68	10.51	95.00	3.2	33.87	7.6	26.0	0.27
F18	22 May 2025	69	10.50	94.00	3.2	33.87	7.6	26.0	0.25
F18	22 May 2025	70	10.46	93.55	3.2	33.87	7.6	26.0	0.27
F18	22 May 2025	71	10.46	93.34	3.2	33.87	7.6	26.0	0.23
F18	22 May 2025	72	10.46	93.39	3.1	33.87	7.6	26.0	0.22
F18	22 May 2025	73	10.46	93.39	3.1	33.87	7.6	26.0	0.25
F18	22 May 2025	74	10.46	93.37	3.1	33.88	7.6	26.0	0.24
F18	22 May 2025	75	10.46	93.13	3.1	33.88	7.6	26.0	0.25
F18	22 May 2025	76	10.45	92.52	3.0	33.88	7.6	26.0	0.21
F18	22 May 2025	77	10.45	91.87	3.0	33.89	7.6	26.0	0.20
F18	22 May 2025	78	10.45	90.34	2.9	33.89	7.6	26.0	0.20
F18	22 May 2025	79	10.45	88.01	2.9	33.89	7.6	26.0	0.20
F18	22 May 2025	80	10.44	85.80	2.9	33.90	7.6	26.0	0.21
F18	22 May 2025	81	10.44	85.39	2.8	33.90	7.6	26.0	0.22
F18	22 May 2025	82	10.38	84.18	2.8	33.91	7.6	26.0	0.21
F07	21 May 2025	1	19.24	91.70	8.3	33.55	8.1	23.9	0.29
F07	21 May 2025	2	18.77	93.46	8.5	33.56	8.2	24.0	0.25
F07	21 May 2025	3	18.47	94.17	8.7	33.54	8.2	24.0	0.22
F07	21 May 2025	4	18.36	94.08	8.8	33.54	8.2	24.1	0.23
F07	21 May 2025	5	18.25	94.05	8.8	33.54	8.2	24.1	0.25
F07	21 May 2025	6	17.84	93.94	8.9	33.54	8.2	24.2	0.26
F07	21 May 2025	7	17.42	94.14	9.1	33.51	8.2	24.3	0.24
F07	21 May 2025	8	17.15	94.39	9.8	33.55	8.2	24.4	0.26
F07	21 May 2025	9	16.51	93.87	10.7	33.57	8.3	24.5	0.35
F07	21 May 2025	10	15.79	92.75	10.4	33.53	8.2	24.7	0.39
F07	21 May 2025	11	14.95	93.15	10.3	33.50	8.2	24.8	0.40
F07	21 May 2025	12	14.84	93.57	10.2	33.50	8.2	24.9	0.44
F07	21 May 2025	13	13.76	93.18	9.7	33.54	8.2	25.1	0.54
F07	21 May 2025	14	12.90	92.28	9.3	33.49	8.1	25.2	2.14
F07	21 May 2025	15	12.48	81.67	8.4	33.47	8.0	25.3	6.75
F07	21 May 2025	16	12.39	84.39	7.6	33.45	8.0	25.3	4.00
F07	21 May 2025	17	12.28	87.11	7.2	33.45	8.0	25.3	2.69
F07	21 May 2025	18	12.09	89.87	6.9	33.44	7.9	25.4	2.00
F07	21 May 2025	19	12.02	92.50	6.7	33.44	7.9	25.4	1.78
F07	21 May 2025	20	11.94	93.82	6.6	33.44	7.9	25.4	1.53
F07	21 May 2025	21	11.85	94.01	6.5	33.44	7.9	25.4	1.26
F07	21 May 2025	22	11.73	94.23	6.4	33.46	7.9	25.4	1.09
F07	21 May 2025	23	11.72	94.60	6.3	33.46	7.9	25.4	1.18
F07	21 May 2025	24	11.65	94.88	6.2	33.47	7.9	25.5	1.10
F07	21 May 2025	25	11.58	95.16	6.2	33.48	7.9	25.5	0.98
F07	21 May 2025	26	11.52	95.32	6.1	33.49	7.9	25.5	0.88
F07	21 May 2025	27	11.44	95.48	6.0	33.50	7.9	25.5	0.76
F07	21 May 2025	28	11.36	95.63	5.9	33.50	7.9	25.5	0.62
F07	21 May 2025	29	11.30	95.82	5.9	33.50	7.8	25.6	0.73
F07	21 May 2025	30	11.22	95.80	5.7	33.52	7.8	25.6	0.80
F07	21 May 2025	31	11.04	95.66	5.6	33.56	7.8	25.6	0.78
F07	21 May 2025	32	11.02	95.71	5.4	33.57	7.8	25.7	0.59
F07	21 May 2025	33	11.00	96.06	5.3	33.59	7.8	25.7	0.48

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F07	21 May 2025	34	10.90	96.40	5.2	33.60	7.8	25.7	0.45
F07	21 May 2025	35	10.82	96.47	5.2	33.60	7.8	25.7	0.53
F07	21 May 2025	36	10.76	96.34	5.2	33.61	7.8	25.7	0.61
F07	21 May 2025	37	10.66	96.14	5.1	33.62	7.8	25.8	0.67
F07	21 May 2025	38	10.66	96.08	5.1	33.62	7.8	25.8	0.63
F07	21 May 2025	39	10.58	96.19	5.0	33.64	7.8	25.8	0.66
F07	21 May 2025	40	10.56	96.25	5.0	33.65	7.8	25.8	0.56
F07	21 May 2025	41	10.58	96.20	4.9	33.64	7.8	25.8	0.56
F07	21 May 2025	42	10.54	96.35	4.9	33.66	7.8	25.8	0.55
F07	21 May 2025	43	10.52	96.41	4.8	33.67	7.8	25.8	0.53
F07	21 May 2025	44	10.52	96.38	4.8	33.68	7.8	25.8	0.48
F07	21 May 2025	45	10.49	96.52	4.7	33.68	7.8	25.8	0.48
F07	21 May 2025	46	10.47	96.50	4.7	33.69	7.7	25.8	0.42
F07	21 May 2025	47	10.51	96.54	4.6	33.69	7.7	25.8	0.45
F07	21 May 2025	48	10.53	96.27	4.4	33.72	7.7	25.9	0.46
F07	21 May 2025	49	10.55	95.77	4.3	33.73	7.7	25.9	0.46
F07	21 May 2025	50	10.59	95.43	4.2	33.74	7.7	25.9	0.47
F07	21 May 2025	51	10.59	95.36	4.1	33.78	7.7	25.9	0.54
F07	21 May 2025	52	10.58	95.83	4.0	33.78	7.7	25.9	0.48
F07	21 May 2025	53	10.57	95.88	3.9	33.79	7.7	25.9	0.57
F07	21 May 2025	54	10.55	96.02	3.8	33.81	7.7	25.9	0.45
F07	21 May 2025	55	10.57	95.98	3.7	33.82	7.7	25.9	0.40
F07	21 May 2025	56	10.58	95.87	3.6	33.83	7.7	25.9	0.38
F07	21 May 2025	57	10.58	95.64	3.5	33.84	7.7	25.9	0.34
F07	21 May 2025	58	10.58	95.52	3.4	33.84	7.7	25.9	0.35
F07	21 May 2025	59	10.57	95.35	3.4	33.84	7.7	26.0	0.33
F07	21 May 2025	60	10.57	93.66	3.3	33.85	7.6	26.0	0.33
F07	21 May 2025	61	10.57	92.58	3.2	33.85	7.6	26.0	0.50
F07	21 May 2025	62	10.54	90.59	3.1	33.86	7.6	26.0	0.34
F07	21 May 2025	63	10.50	88.70	3.1	33.87	7.6	26.0	0.28
F07	21 May 2025	64	10.50	86.40	3.0	33.87	7.6	26.0	0.26
F30	20 May 2025	1	17.98	94.94	8.2	33.47	8.1	24.1	0.11
F30	20 May 2025	2	17.67	94.87	8.2	33.46	8.1	24.2	0.11
F30	20 May 2025	3	17.37	94.99	8.2	33.45	8.1	24.2	0.10
F30	20 May 2025	4	17.14	94.97	8.3	33.42	8.1	24.3	0.09
F30	20 May 2025	5	17.06	95.05	8.3	33.42	8.1	24.3	0.09
F30	20 May 2025	6	17.02	95.45	8.4	33.42	8.1	24.3	0.10
F30	20 May 2025	7	16.93	95.41	8.5	33.42	8.1	24.3	0.12
F30	20 May 2025	8	16.64	95.26	8.7	33.44	8.1	24.4	0.14
F30	20 May 2025	9	16.44	95.00	8.8	33.43	8.1	24.4	0.16
F30	20 May 2025	10	16.00	94.89	9.1	33.43	8.1	24.5	0.17
F30	20 May 2025	11	15.36	94.55	9.7	33.44	8.1	24.7	0.20
F30	20 May 2025	12	14.97	93.91	9.7	33.42	8.2	24.8	0.23
F30	20 May 2025	13	14.48	93.60	9.2	33.40	8.1	24.9	0.32
F30	20 May 2025	14	14.18	91.35	8.8	33.39	8.1	24.9	1.11
F30	20 May 2025	15	13.63	87.45	8.4	33.38	8.0	25.0	1.38
F30	20 May 2025	16	13.28	91.46	8.2	33.37	8.0	25.1	0.71
F30	20 May 2025	17	13.36	93.99	7.9	33.36	8.0	25.1	0.62
F30	20 May 2025	18	12.83	94.30	7.7	33.37	8.0	25.2	0.60
F30	20 May 2025	19	12.64	94.65	7.4	33.42	8.0	25.2	0.51
F30	20 May 2025	20	12.67	95.10	7.3	33.41	7.9	25.2	0.45
F30	20 May 2025	21	12.52	95.15	7.2	33.43	7.9	25.3	0.46
F30	20 May 2025	22	12.44	95.32	7.1	33.45	7.9	25.3	0.43
F30	20 May 2025	23	12.37	95.36	7.0	33.44	7.9	25.3	0.43
F30	20 May 2025	24	12.32	95.43	6.9	33.44	7.9	25.3	0.42
F30	20 May 2025	25	12.14	95.36	6.7	33.45	7.9	25.4	0.46
F30	20 May 2025	26	11.85	95.44	6.5	33.48	7.9	25.4	0.46
F30	20 May 2025	27	11.77	95.82	6.3	33.49	7.9	25.5	0.38
F30	20 May 2025	28	11.71	95.87	6.2	33.49	7.9	25.5	0.39
F30	20 May 2025	29	11.64	95.95	6.1	33.51	7.8	25.5	0.39

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F30	20 May 2025	30	11.57	96.08	6.0	33.52	7.8	25.5	0.39
F30	20 May 2025	31	11.44	96.18	5.8	33.54	7.8	25.6	0.38
F30	20 May 2025	32	11.27	96.25	5.6	33.55	7.8	25.6	0.34
F30	20 May 2025	33	11.12	96.35	5.5	33.55	7.8	25.6	0.31
F30	20 May 2025	34	11.03	96.46	5.4	33.56	7.8	25.6	0.31
F30	20 May 2025	35	11.01	96.50	5.4	33.56	7.8	25.7	0.28
F30	20 May 2025	36	11.01	96.52	5.3	33.57	7.8	25.7	0.27
F30	20 May 2025	37	11.00	96.56	5.2	33.58	7.8	25.7	0.29
F30	20 May 2025	38	10.92	96.62	5.2	33.60	7.8	25.7	0.27
F30	20 May 2025	39	10.84	96.56	5.0	33.61	7.8	25.7	0.26
F30	20 May 2025	40	10.83	96.61	5.0	33.61	7.8	25.7	0.26
F30	20 May 2025	41	10.81	96.69	4.9	33.62	7.8	25.7	0.26
F30	20 May 2025	42	10.81	96.70	4.9	33.62	7.8	25.7	0.25
F30	20 May 2025	43	10.76	96.72	4.8	33.63	7.8	25.8	0.25
F30	20 May 2025	44	10.72	96.73	4.8	33.63	7.8	25.8	0.24
F30	20 May 2025	45	10.71	96.79	4.8	33.63	7.8	25.8	0.24
F30	20 May 2025	46	10.67	96.79	4.8	33.63	7.7	25.8	0.23
F30	20 May 2025	47	10.63	96.76	4.8	33.64	7.7	25.8	0.22
F30	20 May 2025	48	10.62	96.79	4.8	33.64	7.7	25.8	0.21
F30	20 May 2025	49	10.57	96.81	4.7	33.65	7.7	25.8	0.22
F30	20 May 2025	50	10.52	96.81	4.7	33.67	7.7	25.8	0.21
F30	20 May 2025	51	10.45	96.87	4.6	33.69	7.7	25.9	0.21
F30	20 May 2025	52	10.43	96.77	4.5	33.70	7.7	25.9	0.19
F30	20 May 2025	53	10.40	96.77	4.4	33.70	7.7	25.9	0.21
F30	20 May 2025	54	10.37	96.88	4.4	33.71	7.7	25.9	0.19
F30	20 May 2025	55	10.36	96.90	4.4	33.71	7.7	25.9	0.19
F30	20 May 2025	56	10.33	96.85	4.3	33.72	7.7	25.9	0.18
F30	20 May 2025	57	10.31	96.69	4.2	33.73	7.7	25.9	0.18
F30	20 May 2025	58	10.28	95.81	4.0	33.74	7.7	25.9	0.17
F30	20 May 2025	59	10.21	94.54	3.7	33.77	7.7	26.0	0.15
F30	20 May 2025	60	10.18	92.75	3.5	33.77	7.6	26.0	0.14
F30	20 May 2025	61	10.16	91.86	3.4	33.78	7.6	26.0	0.13
F30	20 May 2025	62	10.16	91.51	3.3	33.78	7.6	26.0	0.12
F30	20 May 2025	63	10.16	91.53	3.3	33.78	7.6	26.0	0.12
F30	20 May 2025	64	10.16	91.41	3.3	33.78	7.6	26.0	0.12
F30	20 May 2025	65	10.16	91.40	3.3	33.78	7.6	26.0	0.12
F30	20 May 2025	66	10.16	91.46	3.3	33.78	7.6	26.0	0.11
F30	20 May 2025	67	10.16	91.26	3.2	33.78	7.6	26.0	0.12
F30	20 May 2025	68	10.16	91.22	3.2	33.79	7.6	26.0	0.12
F30	20 May 2025	69	10.16	91.25	3.2	33.78	7.6	26.0	0.12
F30	20 May 2025	70	10.16	91.19	3.2	33.79	7.6	26.0	0.12
F30	20 May 2025	71	10.15	91.54	3.3	33.79	7.6	26.0	0.13
F30	20 May 2025	72	10.15	91.85	3.3	33.79	7.6	26.0	0.12
F30	20 May 2025	73	10.15	92.83	3.4	33.80	7.6	26.0	0.12
F30	20 May 2025	74	10.15	93.72	3.5	33.80	7.6	26.0	0.12
F30	20 May 2025	75	10.15	94.07	3.4	33.80	7.6	26.0	0.12
F30	20 May 2025	76	10.15	93.77	3.4	33.80	7.6	26.0	0.12
F30	20 May 2025	77	10.15	93.12	3.3	33.81	7.6	26.0	0.11
F30	20 May 2025	78	10.15	93.21	3.3	33.81	7.6	26.0	0.12
F30	20 May 2025	79	10.13	92.79	3.3	33.81	7.6	26.0	0.12
F30	20 May 2025	80	10.12	92.06	3.3	33.81	7.6	26.0	0.12
F30	20 May 2025	81	10.11	91.45	3.3	33.82	7.6	26.0	0.11
F30	20 May 2025	82	10.09	91.49	3.3	33.83	7.6	26.0	0.12
F30	20 May 2025	83	10.06	92.14	3.4	33.84	7.6	26.0	0.10
F30	20 May 2025	84	9.94	92.62	3.5	33.84	7.6	26.1	0.10
F30	20 May 2025	85	9.90	95.24	3.7	33.84	7.7	26.1	0.08
F30	20 May 2025	86	9.92	96.14	3.7	33.88	7.7	26.1	0.08
F30	20 May 2025	87	10.01	95.96	3.5	33.92	7.6	26.1	0.08
F30	20 May 2025	88	10.05	95.36	3.3	33.93	7.6	26.1	0.09
F30	20 May 2025	89	10.11	94.76	3.1	33.97	7.6	26.1	0.10
F30	20 May 2025	90	10.16	93.98	2.9	34.01	7.6	26.1	0.11

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F30	20 May 2025	91	10.16	93.05	2.7	34.02	7.6	26.2	0.11
F30	20 May 2025	92	10.16	92.63	2.7	34.03	7.6	26.2	0.11
F30	20 May 2025	93	10.13	92.61	2.6	34.04	7.6	26.2	0.10
F30	20 May 2025	94	10.10	92.91	2.6	34.07	7.6	26.2	0.10
F30	20 May 2025	95	10.09	93.12	2.5	34.07	7.6	26.2	0.09
F30	20 May 2025	96	10.09	93.01	2.4	34.10	7.6	26.2	0.09
F30	20 May 2025	97	10.09	92.92	2.4	34.10	7.6	26.2	0.09
F19	22 May 2025	1	19.22	93.38	8.1	33.55	8.2	23.9	0.26
F19	22 May 2025	2	19.18	93.75	8.2	33.55	8.2	23.9	0.26
F19	22 May 2025	3	19.01	93.85	8.2	33.56	8.2	23.9	0.24
F19	22 May 2025	4	18.45	94.19	8.2	33.59	8.2	24.1	0.24
F19	22 May 2025	5	17.87	94.34	8.4	33.56	8.2	24.2	0.26
F19	22 May 2025	6	17.78	94.34	8.5	33.53	8.2	24.2	0.28
F19	22 May 2025	7	17.74	94.36	8.6	33.53	8.2	24.2	0.30
F19	22 May 2025	8	17.53	94.17	8.7	33.54	8.2	24.3	0.33
F19	22 May 2025	9	17.31	93.98	8.8	33.54	8.2	24.3	0.36
F19	22 May 2025	10	17.11	93.98	8.8	33.53	8.2	24.4	0.38
F19	22 May 2025	11	16.62	93.65	9.0	33.54	8.2	24.5	0.39
F19	22 May 2025	12	16.00	91.97	9.3	33.50	8.2	24.6	0.46
F19	22 May 2025	13	15.35	93.52	9.3	33.57	8.2	24.8	0.55
F19	22 May 2025	14	13.83	93.20	9.7	33.54	8.2	25.1	0.69
F19	22 May 2025	15	13.11	92.66	9.1	33.50	8.1	25.2	2.97
F19	22 May 2025	16	12.83	87.58	8.2	33.48	8.0	25.2	7.21
F19	22 May 2025	17	12.68	84.71	7.5	33.48	8.0	25.3	2.28
F19	22 May 2025	18	12.38	89.82	7.2	33.47	8.0	25.3	1.72
F19	22 May 2025	19	12.35	92.69	7.1	33.46	8.0	25.3	1.45
F19	22 May 2025	20	12.22	93.41	6.9	33.46	8.0	25.4	1.46
F19	22 May 2025	21	12.02	91.74	6.8	33.45	7.9	25.4	1.43
F19	22 May 2025	22	11.81	93.86	6.5	33.47	7.9	25.4	1.17
F19	22 May 2025	23	11.70	94.23	6.4	33.47	7.9	25.5	0.93
F19	22 May 2025	24	11.70	95.18	6.3	33.49	7.9	25.5	0.70
F19	22 May 2025	25	11.64	95.51	6.2	33.51	7.9	25.5	0.64
F19	22 May 2025	26	11.59	95.79	6.1	33.52	7.9	25.5	0.63
F19	22 May 2025	27	11.53	96.09	6.0	33.53	7.9	25.5	0.58
F19	22 May 2025	28	11.43	96.09	5.9	33.54	7.9	25.6	0.57
F19	22 May 2025	29	11.37	96.14	5.8	33.54	7.8	25.6	0.59
F19	22 May 2025	30	11.34	96.26	5.7	33.54	7.8	25.6	0.55
F19	22 May 2025	31	11.32	96.37	5.7	33.55	7.8	25.6	0.60
F19	22 May 2025	32	11.29	96.38	5.6	33.55	7.8	25.6	0.56
F19	22 May 2025	33	11.26	96.39	5.6	33.56	7.8	25.6	0.55
F19	22 May 2025	34	11.21	96.41	5.5	33.57	7.8	25.6	0.53
F19	22 May 2025	35	11.16	96.29	5.4	33.58	7.8	25.6	0.54
F19	22 May 2025	36	11.05	96.20	5.3	33.60	7.8	25.7	0.55
F19	22 May 2025	37	10.96	96.30	5.2	33.60	7.8	25.7	0.48
F19	22 May 2025	38	10.94	96.43	5.1	33.60	7.8	25.7	0.42
F19	22 May 2025	39	10.92	96.62	5.1	33.60	7.8	25.7	0.41
F19	22 May 2025	40	10.88	96.64	5.1	33.60	7.8	25.7	0.39
F19	22 May 2025	41	10.85	96.63	5.0	33.60	7.8	25.7	0.36
F19	22 May 2025	42	10.81	96.70	5.0	33.61	7.8	25.7	0.35
F19	22 May 2025	43	10.78	96.79	5.0	33.61	7.8	25.7	0.33
F19	22 May 2025	44	10.77	96.80	5.0	33.62	7.8	25.7	0.31
F19	22 May 2025	45	10.78	96.83	4.9	33.62	7.8	25.7	0.33
F19	22 May 2025	46	10.71	96.85	4.9	33.63	7.8	25.8	0.32
F19	22 May 2025	47	10.66	96.80	4.8	33.64	7.8	25.8	0.30
F19	22 May 2025	48	10.66	96.79	4.7	33.65	7.8	25.8	0.30
F19	22 May 2025	49	10.66	96.81	4.7	33.65	7.8	25.8	0.31
F19	22 May 2025	50	10.64	96.92	4.7	33.65	7.8	25.8	0.29
F19	22 May 2025	51	10.58	96.93	4.6	33.66	7.8	25.8	0.28
F19	22 May 2025	52	10.53	96.87	4.6	33.67	7.8	25.8	0.27
F19	22 May 2025	53	10.49	96.95	4.5	33.68	7.7	25.8	0.27

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F19	22 May 2025	54	10.41	96.96	4.4	33.70	7.7	25.9	0.24
F19	22 May 2025	55	10.37	97.01	4.3	33.71	7.7	25.9	0.23
F19	22 May 2025	56	10.30	96.99	4.2	33.72	7.7	25.9	0.21
F19	22 May 2025	57	10.28	96.12	4.0	33.73	7.7	25.9	0.17
F19	22 May 2025	58	10.27	95.85	4.0	33.73	7.7	25.9	0.17
F19	22 May 2025	59	10.27	96.27	4.0	33.73	7.7	25.9	0.18
F19	22 May 2025	60	10.27	96.52	4.1	33.74	7.7	25.9	0.19
F19	22 May 2025	61	10.27	96.69	4.1	33.74	7.7	25.9	0.20
F19	22 May 2025	62	10.27	96.82	4.1	33.74	7.7	25.9	0.21
F19	22 May 2025	63	10.28	96.73	4.0	33.77	7.7	25.9	0.23
F19	22 May 2025	64	10.21	96.70	3.9	33.77	7.7	26.0	0.21
F19	22 May 2025	65	10.17	96.34	3.6	33.77	7.7	26.0	0.14
F19	22 May 2025	66	10.17	95.46	3.4	33.77	7.7	26.0	0.10
F19	22 May 2025	67	10.23	95.41	3.4	33.79	7.7	26.0	0.10
F19	22 May 2025	68	10.33	95.46	3.3	33.81	7.7	26.0	0.15
F19	22 May 2025	69	10.38	95.49	3.3	33.83	7.7	26.0	0.19
F19	22 May 2025	70	10.41	95.63	3.3	33.84	7.7	26.0	0.21
F19	22 May 2025	71	10.41	95.63	3.3	33.84	7.7	26.0	0.21
F19	22 May 2025	72	10.42	95.70	3.3	33.84	7.7	26.0	0.22
F19	22 May 2025	73	10.43	95.69	3.2	33.84	7.6	26.0	0.23
F19	22 May 2025	74	10.46	95.67	3.2	33.85	7.6	26.0	0.22
F19	22 May 2025	75	10.48	95.69	3.2	33.86	7.6	26.0	0.25
F19	22 May 2025	76	10.49	95.64	3.2	33.86	7.6	26.0	0.25
F19	22 May 2025	77	10.49	95.58	3.2	33.86	7.6	26.0	0.25
F19	22 May 2025	78	10.49	95.59	3.1	33.86	7.6	26.0	0.24
F19	22 May 2025	79	10.49	95.53	3.1	33.86	7.6	26.0	0.24
F19	22 May 2025	80	10.48	95.60	3.1	33.86	7.6	26.0	0.23
F19	22 May 2025	81	10.34	95.62	3.2	33.85	7.6	26.0	0.21
F19	22 May 2025	82	10.22	95.74	3.3	33.83	7.7	26.0	0.13
F19	22 May 2025	83	10.24	95.83	3.2	33.85	7.6	26.0	0.13
F08	21 May 2025	1	19.31	93.01	8.2	33.55	8.1	23.8	0.25
F08	21 May 2025	2	18.79	93.49	8.4	33.56	8.2	24.0	0.23
F08	21 May 2025	3	18.50	93.98	8.6	33.54	8.2	24.0	0.21
F08	21 May 2025	4	18.44	94.04	8.7	33.54	8.2	24.0	0.23
F08	21 May 2025	5	18.28	93.76	8.8	33.55	8.2	24.1	0.28
F08	21 May 2025	6	18.22	93.73	8.9	33.54	8.2	24.1	0.30
F08	21 May 2025	7	18.01	93.56	9.1	33.55	8.2	24.2	0.31
F08	21 May 2025	8	17.58	93.59	9.4	33.57	8.2	24.3	0.29
F08	21 May 2025	9	17.12	93.78	10.1	33.58	8.2	24.4	0.28
F08	21 May 2025	10	16.32	93.59	11.6	33.59	8.3	24.6	0.35
F08	21 May 2025	11	15.86	92.50	12.4	33.57	8.3	24.7	0.53
F08	21 May 2025	12	14.98	92.42	12.3	33.57	8.3	24.9	0.51
F08	21 May 2025	13	14.08	91.86	11.7	33.58	8.3	25.1	0.61
F08	21 May 2025	14	13.98	91.84	10.9	33.55	8.2	25.1	0.77
F08	21 May 2025	15	13.64	91.87	10.6	33.55	8.2	25.1	0.84
F08	21 May 2025	16	13.32	91.77	10.2	33.54	8.2	25.2	0.86
F08	21 May 2025	17	13.15	91.72	9.8	33.54	8.2	25.2	1.43
F08	21 May 2025	18	12.53	90.47	8.8	33.52	8.1	25.3	6.50
F08	21 May 2025	19	12.16	87.92	7.4	33.47	8.0	25.4	2.69
F08	21 May 2025	20	12.13	89.90	6.9	33.46	7.9	25.4	2.27
F08	21 May 2025	21	12.13	91.22	6.8	33.46	7.9	25.4	2.10
F08	21 May 2025	22	12.06	91.72	6.8	33.47	7.9	25.4	1.86
F08	21 May 2025	23	11.91	92.26	6.6	33.46	7.9	25.4	1.83
F08	21 May 2025	24	11.69	93.01	6.5	33.47	7.9	25.5	1.51
F08	21 May 2025	25	11.56	93.85	6.3	33.47	7.9	25.5	1.17
F08	21 May 2025	26	11.52	94.63	6.2	33.47	7.9	25.5	1.05
F08	21 May 2025	27	11.49	94.99	6.1	33.48	7.9	25.5	1.00
F08	21 May 2025	28	11.47	94.95	6.1	33.48	7.9	25.5	0.97
F08	21 May 2025	29	11.41	95.14	6.0	33.50	7.9	25.5	1.01
F08	21 May 2025	30	11.27	95.11	5.8	33.52	7.8	25.6	1.02

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F08	21 May 2025	31	11.21	95.04	5.7	33.53	7.8	25.6	0.84
F08	21 May 2025	32	11.21	95.28	5.6	33.53	7.8	25.6	0.98
F08	21 May 2025	33	11.09	95.25	5.6	33.55	7.8	25.6	1.12
F08	21 May 2025	34	11.00	95.64	5.5	33.56	7.8	25.7	0.74
F08	21 May 2025	35	11.06	95.72	5.4	33.55	7.8	25.6	0.73
F08	21 May 2025	36	10.97	95.86	5.3	33.59	7.8	25.7	0.59
F08	21 May 2025	37	10.98	96.21	5.2	33.59	7.8	25.7	0.47
F08	21 May 2025	38	10.90	96.26	5.2	33.60	7.8	25.7	0.51
F08	21 May 2025	39	10.76	96.45	5.2	33.61	7.8	25.7	0.48
F08	21 May 2025	40	10.70	96.39	5.1	33.62	7.8	25.8	0.63
F08	21 May 2025	41	10.71	96.33	5.0	33.62	7.8	25.8	0.58
F08	21 May 2025	42	10.64	95.76	4.8	33.65	7.8	25.8	0.68
F08	21 May 2025	43	10.62	95.33	4.7	33.67	7.8	25.8	0.58
F08	21 May 2025	44	10.63	95.02	4.5	33.68	7.7	25.8	0.56
F08	21 May 2025	45	10.64	94.96	4.5	33.68	7.7	25.8	0.68
F08	21 May 2025	46	10.63	95.01	4.4	33.69	7.7	25.8	0.59
F08	21 May 2025	47	10.65	94.84	4.3	33.72	7.7	25.8	0.54
F08	21 May 2025	48	10.65	94.73	4.2	33.73	7.7	25.8	0.50
F08	21 May 2025	49	10.66	94.53	4.0	33.75	7.7	25.9	0.57
F08	21 May 2025	50	10.65	94.34	3.9	33.77	7.7	25.9	0.43
F08	21 May 2025	51	10.65	94.72	3.8	33.80	7.7	25.9	0.44
F08	21 May 2025	52	10.64	95.20	3.7	33.81	7.7	25.9	0.45
F08	21 May 2025	53	10.63	94.79	3.6	33.82	7.7	25.9	0.43
F08	21 May 2025	54	10.62	94.38	3.5	33.83	7.7	25.9	0.38
F08	21 May 2025	55	10.59	93.75	3.4	33.83	7.7	25.9	0.35
F08	21 May 2025	56	10.58	92.86	3.3	33.84	7.7	25.9	0.32
F08	21 May 2025	57	10.57	92.38	3.2	33.85	7.6	26.0	0.31
F08	21 May 2025	58	10.56	91.74	3.2	33.85	7.6	26.0	0.29
F08	21 May 2025	59	10.55	90.36	3.1	33.85	7.6	26.0	0.30
F08	21 May 2025	60	10.55	89.82	3.1	33.85	7.6	26.0	0.30
F08	21 May 2025	61	10.52	89.42	3.0	33.86	7.6	26.0	0.26
F08	21 May 2025	62	10.52	88.65	3.0	33.86	7.6	26.0	0.26
F31	20 May 2025	1	17.66	94.68	8.3	33.43	8.1	24.2	0.16
F31	20 May 2025	2	17.67	94.86	8.2	33.45	8.1	24.2	0.14
F31	20 May 2025	3	17.26	94.82	8.3	33.45	8.1	24.3	0.13
F31	20 May 2025	4	17.09	94.79	8.4	33.42	8.1	24.3	0.13
F31	20 May 2025	5	17.22	95.05	8.3	33.44	8.1	24.3	0.15
F31	20 May 2025	6	16.66	95.16	8.6	33.45	8.1	24.4	0.15
F31	20 May 2025	7	16.19	94.53	8.9	33.44	8.1	24.5	0.18
F31	20 May 2025	8	15.76	94.76	9.2	33.44	8.1	24.6	0.20
F31	20 May 2025	9	15.13	94.47	10.3	33.43	8.2	24.7	0.23
F31	20 May 2025	10	14.73	94.01	10.3	33.43	8.2	24.8	0.27
F31	20 May 2025	11	14.29	93.42	9.4	33.41	8.1	24.9	0.39
F31	20 May 2025	12	13.68	92.65	8.7	33.39	8.1	25.0	0.95
F31	20 May 2025	13	13.38	91.04	8.2	33.39	8.0	25.1	1.57
F31	20 May 2025	14	13.13	90.05	7.8	33.39	8.0	25.1	1.36
F31	20 May 2025	15	12.77	92.19	7.6	33.38	8.0	25.2	0.97
F31	20 May 2025	16	12.61	94.13	7.4	33.40	8.0	25.2	0.69
F31	20 May 2025	17	12.52	94.71	7.2	33.41	7.9	25.3	0.60
F31	20 May 2025	18	12.45	94.77	7.1	33.41	7.9	25.3	0.56
F31	20 May 2025	19	12.36	94.95	7.0	33.42	7.9	25.3	0.53
F31	20 May 2025	20	12.26	95.20	6.9	33.43	7.9	25.3	0.52
F31	20 May 2025	21	12.09	95.33	6.8	33.44	7.9	25.4	0.49
F31	20 May 2025	22	11.98	95.50	6.6	33.47	7.9	25.4	0.51
F31	20 May 2025	23	11.81	95.56	6.4	33.49	7.9	25.4	0.45
F31	20 May 2025	24	11.76	95.76	6.3	33.49	7.9	25.5	0.44
F31	20 May 2025	25	11.73	95.80	6.2	33.49	7.9	25.5	0.44
F31	20 May 2025	26	11.70	95.94	6.2	33.50	7.8	25.5	0.41
F31	20 May 2025	27	11.64	95.97	6.1	33.51	7.8	25.5	0.43
F31	20 May 2025	28	11.59	96.00	6.0	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)
F31	20 May 2025	29	11.54	96.14	5.9	33.52	7.8	25.5	0.45
F31	20 May 2025	30	11.44	96.15	5.8	33.54	7.8	25.6	0.44
F31	20 May 2025	31	11.27	96.15	5.6	33.56	7.8	25.6	0.39
F31	20 May 2025	32	11.18	96.26	5.5	33.57	7.8	25.6	0.35
F31	20 May 2025	33	11.10	96.39	5.4	33.58	7.8	25.6	0.34
F31	20 May 2025	34	11.08	96.36	5.3	33.57	7.8	25.6	0.34
F31	20 May 2025	35	11.06	96.44	5.3	33.57	7.8	25.7	0.34
F31	20 May 2025	36	11.01	96.35	5.2	33.58	7.8	25.7	0.32
F31	20 May 2025	37	10.99	96.44	5.2	33.59	7.8	25.7	0.30
F31	20 May 2025	38	10.95	96.50	5.0	33.61	7.8	25.7	0.29
F31	20 May 2025	39	10.91	96.60	5.0	33.61	7.8	25.7	0.28
F31	20 May 2025	40	10.89	96.64	5.0	33.61	7.8	25.7	0.30
F31	20 May 2025	41	10.83	96.66	5.0	33.61	7.8	25.7	0.29
F31	20 May 2025	42	10.78	96.68	4.9	33.62	7.8	25.7	0.28
F31	20 May 2025	43	10.77	96.70	4.8	33.63	7.7	25.7	0.27
F31	20 May 2025	44	10.76	96.74	4.8	33.63	7.7	25.8	0.27
F31	20 May 2025	45	10.75	96.70	4.8	33.63	7.7	25.8	0.26
F31	20 May 2025	46	10.74	96.58	4.7	33.64	7.7	25.8	0.27
F31	20 May 2025	47	10.71	96.70	4.7	33.64	7.7	25.8	0.28
F31	20 May 2025	48	10.66	96.78	4.7	33.65	7.7	25.8	0.27
F31	20 May 2025	49	10.63	96.77	4.7	33.65	7.7	25.8	0.26
F31	20 May 2025	50	10.61	96.69	4.6	33.66	7.7	25.8	0.26
F31	20 May 2025	51	10.54	96.78	4.6	33.67	7.7	25.8	0.24
F31	20 May 2025	52	10.47	96.80	4.5	33.68	7.7	25.8	0.22
F31	20 May 2025	53	10.51	96.82	4.5	33.67	7.7	25.8	0.22
F31	20 May 2025	54	10.39	96.82	4.4	33.70	7.7	25.9	0.22
F31	20 May 2025	55	10.38	96.88	4.4	33.70	7.7	25.9	0.20
F31	20 May 2025	56	10.37	96.90	4.3	33.70	7.7	25.9	0.20
F31	20 May 2025	57	10.37	96.88	4.3	33.70	7.7	25.9	0.20
F31	20 May 2025	58	10.36	96.91	4.3	33.70	7.7	25.9	0.20
F31	20 May 2025	59	10.34	96.89	4.3	33.71	7.7	25.9	0.20
F31	20 May 2025	60	10.28	96.88	4.2	33.73	7.7	25.9	0.19
F31	20 May 2025	61	10.25	96.93	4.2	33.74	7.7	25.9	0.17
F31	20 May 2025	62	10.23	96.90	4.2	33.74	7.7	25.9	0.16
F31	20 May 2025	63	10.19	96.96	4.2	33.75	7.7	25.9	0.21
F31	20 May 2025	64	10.20	96.81	4.2	33.74	7.7	25.9	0.16
F31	20 May 2025	65	10.13	96.82	4.1	33.76	7.7	26.0	0.15
F31	20 May 2025	66	10.10	96.96	4.1	33.77	7.7	26.0	0.13
F31	20 May 2025	67	10.11	96.85	4.1	33.77	7.7	26.0	0.12
F31	20 May 2025	68	10.09	96.99	4.1	33.77	7.7	26.0	0.14
F31	20 May 2025	69	10.09	97.03	4.1	33.77	7.7	26.0	0.12
F31	20 May 2025	70	10.07	97.03	4.1	33.77	7.7	26.0	0.12
F31	20 May 2025	71	10.05	96.94	4.0	33.79	7.7	26.0	0.12
F31	20 May 2025	72	10.04	96.95	4.0	33.79	7.7	26.0	0.11
F31	20 May 2025	73	10.00	96.87	4.0	33.80	7.7	26.0	0.10
F31	20 May 2025	74	9.98	96.84	4.0	33.81	7.7	26.0	0.09
F31	20 May 2025	75	9.97	96.85	4.0	33.81	7.7	26.0	0.09
F31	20 May 2025	76	9.96	96.93	4.0	33.81	7.7	26.0	0.09
F31	20 May 2025	77	9.94	97.01	4.0	33.81	7.7	26.0	0.10
F31	20 May 2025	78	9.89	97.00	4.0	33.82	7.7	26.1	0.10
F31	20 May 2025	79	9.87	97.04	3.9	33.85	7.7	26.1	0.08
F31	20 May 2025	80	9.83	96.89	3.9	33.86	7.7	26.1	0.08
F31	20 May 2025	81	9.82	96.92	3.9	33.87	7.7	26.1	0.08
F31	20 May 2025	82	9.89	96.95	3.8	33.90	7.7	26.1	0.08
F31	20 May 2025	83	9.97	96.70	3.6	33.92	7.7	26.1	0.08
F31	20 May 2025	84	10.00	96.40	3.5	33.93	7.6	26.1	0.09
F31	20 May 2025	85	10.01	96.30	3.4	33.94	7.6	26.1	0.09
F31	20 May 2025	86	10.03	96.14	3.4	33.94	7.6	26.1	0.10
F31	20 May 2025	87	10.05	96.10	3.3	33.95	7.6	26.1	0.10
F31	20 May 2025	88	10.06	96.02	3.3	33.95	7.6	26.1	0.10
F31	20 May 2025	89	10.08	95.79	3.2	33.96	7.6	26.1	0.10

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F31	20 May 2025	90	10.12	95.41	3.1	33.99	7.6	26.1	0.10
F31	20 May 2025	91	10.14	93.99	2.9	34.01	7.6	26.2	0.11
F31	20 May 2025	92	10.13	92.87	2.9	34.01	7.6	26.2	0.10
F31	20 May 2025	93	10.13	92.25	2.8	34.02	7.6	26.2	0.10
F31	20 May 2025	94	10.13	92.11	2.8	34.03	7.6	26.2	0.10
F31	20 May 2025	95	10.13	92.46	2.7	34.03	7.6	26.2	0.10
F31	20 May 2025	96	10.13	92.71	2.7	34.04	7.6	26.2	0.09
F31	20 May 2025	97	10.13	92.76	2.6	34.05	7.6	26.2	0.10
F31	20 May 2025	98	10.13	92.59	2.6	34.05	7.6	26.2	0.10
F31	20 May 2025	99	10.13	92.41	2.6	34.06	7.6	26.2	0.10
F20	22 May 2025	1	19.21	94.07	8.3	33.55	8.2	23.9	0.28
F20	22 May 2025	2	18.94	93.98	8.3	33.55	8.2	23.9	0.29
F20	22 May 2025	3	18.80	94.18	8.3	33.54	8.2	24.0	0.30
F20	22 May 2025	4	18.51	94.31	8.3	33.54	8.2	24.0	0.28
F20	22 May 2025	5	18.07	94.27	8.4	33.52	8.2	24.1	0.31
F20	22 May 2025	6	17.79	94.36	8.6	33.51	8.2	24.2	0.33
F20	22 May 2025	7	17.61	94.34	8.7	33.51	8.2	24.2	0.36
F20	22 May 2025	8	17.53	94.24	8.7	33.50	8.2	24.2	0.38
F20	22 May 2025	9	17.48	94.04	8.7	33.51	8.2	24.3	0.37
F20	22 May 2025	10	17.32	93.93	8.8	33.52	8.2	24.3	0.37
F20	22 May 2025	11	16.84	93.77	9.1	33.52	8.2	24.4	0.41
F20	22 May 2025	12	16.43	93.78	9.2	33.51	8.2	24.5	0.48
F20	22 May 2025	13	15.69	93.52	9.4	33.51	8.2	24.7	0.49
F20	22 May 2025	14	15.00	93.33	9.5	33.49	8.2	24.8	0.54
F20	22 May 2025	15	14.03	93.22	9.6	33.50	8.2	25.0	0.66
F20	22 May 2025	16	13.06	92.74	8.8	33.49	8.1	25.2	2.04
F20	22 May 2025	17	12.65	91.46	7.7	33.47	8.0	25.3	4.36
F20	22 May 2025	18	12.26	90.14	7.1	33.46	8.0	25.3	2.29
F20	22 May 2025	19	12.05	92.01	6.8	33.45	7.9	25.4	1.53
F20	22 May 2025	20	11.89	93.29	6.6	33.43	7.9	25.4	1.30
F20	22 May 2025	21	11.78	94.12	6.5	33.44	7.9	25.4	1.26
F20	22 May 2025	22	11.64	94.52	6.3	33.44	7.9	25.4	1.01
F20	22 May 2025	23	11.62	95.23	6.2	33.44	7.9	25.5	0.79
F20	22 May 2025	24	11.56	95.17	6.1	33.48	7.9	25.5	0.83
F20	22 May 2025	25	11.47	95.63	6.0	33.52	7.9	25.5	0.63
F20	22 May 2025	26	11.36	95.83	5.8	33.53	7.8	25.6	0.57
F20	22 May 2025	27	11.31	96.16	5.7	33.53	7.8	25.6	0.57
F20	22 May 2025	28	11.28	96.16	5.7	33.54	7.8	25.6	0.59
F20	22 May 2025	29	11.23	96.23	5.6	33.55	7.8	25.6	0.65
F20	22 May 2025	30	11.21	96.24	5.5	33.55	7.8	25.6	0.56
F20	22 May 2025	31	11.18	96.35	5.5	33.56	7.8	25.6	0.51
F20	22 May 2025	32	11.14	96.39	5.4	33.57	7.8	25.6	0.51
F20	22 May 2025	33	11.09	96.29	5.3	33.58	7.8	25.7	0.49
F20	22 May 2025	34	11.04	96.40	5.2	33.59	7.8	25.7	0.48
F20	22 May 2025	35	10.96	96.44	5.2	33.60	7.8	25.7	0.45
F20	22 May 2025	36	10.93	96.52	5.1	33.60	7.8	25.7	0.42
F20	22 May 2025	37	10.90	96.50	5.1	33.60	7.8	25.7	0.39
F20	22 May 2025	38	10.86	95.43	5.1	33.60	7.8	25.7	0.38
F20	22 May 2025	39	10.81	96.62	5.0	33.61	7.8	25.7	0.36
F20	22 May 2025	40	10.76	96.73	5.0	33.61	7.8	25.7	0.39
F20	22 May 2025	41	10.73	96.57	5.0	33.62	7.8	25.7	0.32
F20	22 May 2025	42	10.72	96.84	5.0	33.62	7.8	25.7	0.33
F20	22 May 2025	43	10.67	96.85	4.9	33.62	7.8	25.8	0.31
F20	22 May 2025	44	10.64	96.71	4.8	33.64	7.8	25.8	0.28
F20	22 May 2025	45	10.65	96.80	4.7	33.65	7.8	25.8	0.29
F20	22 May 2025	46	10.65	96.85	4.7	33.65	7.8	25.8	0.31
F20	22 May 2025	47	10.63	96.89	4.6	33.66	7.8	25.8	0.30
F20	22 May 2025	48	10.61	96.91	4.6	33.66	7.8	25.8	0.29
F20	22 May 2025	49	10.59	96.84	4.6	33.66	7.8	25.8	0.28
F20	22 May 2025	50	10.51	96.77	4.6	33.68	7.8	25.8	0.26

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F20	22 May 2025	51	10.47	96.84	4.5	33.68	7.7	25.8	0.24
F20	22 May 2025	52	10.44	96.97	4.5	33.69	7.7	25.9	0.24
F20	22 May 2025	53	10.39	96.99	4.4	33.70	7.7	25.9	0.25
F20	22 May 2025	54	10.36	97.03	4.3	33.71	7.7	25.9	0.24
F20	22 May 2025	55	10.34	97.00	4.3	33.72	7.7	25.9	0.23
F20	22 May 2025	56	10.29	97.02	4.2	33.73	7.7	25.9	0.21
F20	22 May 2025	57	10.26	96.94	4.2	33.74	7.7	25.9	0.20
F20	22 May 2025	58	10.27	96.98	4.2	33.74	7.7	25.9	0.20
F20	22 May 2025	59	10.27	96.96	4.1	33.75	7.7	25.9	0.21
F20	22 May 2025	60	10.28	96.91	4.1	33.76	7.7	25.9	0.22
F20	22 May 2025	61	10.25	96.83	4.0	33.76	7.7	25.9	0.22
F20	22 May 2025	62	10.23	96.77	4.0	33.76	7.7	25.9	0.20
F20	22 May 2025	63	10.18	96.76	4.1	33.76	7.7	26.0	0.18
F20	22 May 2025	64	10.16	96.88	4.1	33.76	7.7	26.0	0.14
F20	22 May 2025	65	10.16	96.96	4.1	33.76	7.7	26.0	0.14
F20	22 May 2025	66	10.14	96.92	4.0	33.77	7.7	26.0	0.14
F20	22 May 2025	67	10.12	96.79	3.9	33.77	7.7	26.0	0.13
F20	22 May 2025	68	10.12	96.32	3.9	33.77	7.7	26.0	0.11
F20	22 May 2025	69	10.12	96.33	4.0	33.77	7.7	26.0	0.12
F20	22 May 2025	70	10.11	96.80	4.0	33.77	7.7	26.0	0.12
F20	22 May 2025	71	10.11	96.87	4.0	33.78	7.7	26.0	0.12
F20	22 May 2025	72	10.10	96.78	3.9	33.78	7.7	26.0	0.12
F20	22 May 2025	73	10.09	96.75	3.9	33.78	7.7	26.0	0.12
F20	22 May 2025	74	10.08	96.60	3.7	33.80	7.7	26.0	0.10
F20	22 May 2025	75	10.09	96.26	3.6	33.80	7.7	26.0	0.09
F20	22 May 2025	76	10.10	95.48	3.5	33.80	7.7	26.0	0.09
F20	22 May 2025	77	10.11	95.67	3.4	33.81	7.7	26.0	0.08
F20	22 May 2025	78	10.14	95.51	3.4	33.82	7.7	26.0	0.09
F20	22 May 2025	79	10.14	94.75	3.3	33.82	7.7	26.0	0.09
F20	22 May 2025	80	10.17	95.70	3.3	33.82	7.6	26.0	0.09
F20	22 May 2025	81	10.27	94.86	3.1	33.86	7.6	26.0	0.13
F20	22 May 2025	82	10.30	90.08	3.0	33.88	7.6	26.0	0.15
F09	21 May 2025	1	19.38	93.68	8.2	33.55	8.1	23.8	0.29
F09	21 May 2025	2	19.07	93.58	8.3	33.55	8.1	23.9	0.28
F09	21 May 2025	3	18.57	93.93	8.5	33.55	8.2	24.0	0.24
F09	21 May 2025	4	18.44	94.24	8.5	33.54	8.2	24.0	0.24
F09	21 May 2025	5	18.38	94.18	8.5	33.54	8.2	24.1	0.27
F09	21 May 2025	6	18.35	93.97	8.6	33.54	8.2	24.1	0.32
F09	21 May 2025	7	18.21	93.63	8.8	33.55	8.2	24.1	0.38
F09	21 May 2025	8	17.91	93.46	9.1	33.55	8.2	24.2	0.42
F09	21 May 2025	9	17.67	93.41	9.4	33.55	8.2	24.2	0.38
F09	21 May 2025	10	17.41	93.57	9.9	33.58	8.2	24.3	0.36
F09	21 May 2025	11	16.92	93.44	10.9	33.59	8.3	24.5	0.38
F09	21 May 2025	12	15.99	92.97	12.3	33.60	8.3	24.7	0.47
F09	21 May 2025	13	15.39	92.27	12.8	33.59	8.4	24.8	0.58
F09	21 May 2025	14	14.33	91.89	12.8	33.58	8.3	25.0	0.80
F09	21 May 2025	15	14.20	91.47	12.0	33.56	8.3	25.0	0.92
F09	21 May 2025	16	14.08	91.36	11.2	33.56	8.3	25.1	0.98
F09	21 May 2025	17	13.45	91.29	10.5	33.55	8.2	25.2	1.22
F09	21 May 2025	18	13.13	90.87	10.4	33.54	8.2	25.2	2.74
F09	21 May 2025	19	12.68	89.25	9.4	33.53	8.1	25.3	3.83
F09	21 May 2025	20	12.27	89.14	7.7	33.49	8.0	25.4	2.43
F09	21 May 2025	21	11.97	89.39	6.9	33.47	7.9	25.4	2.46
F09	21 May 2025	22	11.76	90.98	6.6	33.46	7.9	25.4	1.78
F09	21 May 2025	23	11.63	92.24	6.4	33.46	7.9	25.5	1.31
F09	21 May 2025	24	11.61	94.13	6.3	33.47	7.9	25.5	1.13
F09	21 May 2025	25	11.64	94.40	6.3	33.47	7.9	25.5	1.34
F09	21 May 2025	26	11.45	94.86	6.2	33.47	7.9	25.5	1.08
F09	21 May 2025	27	11.45	95.19	6.1	33.48	7.9	25.5	1.05
F09	21 May 2025	28	11.47	94.97	6.0	33.50	7.9	25.5	1.10

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F09	21 May 2025	29	11.38	94.72	5.9	33.52	7.9	25.6	1.22
F09	21 May 2025	30	11.23	94.88	5.8	33.52	7.8	25.6	1.07
F09	21 May 2025	31	11.22	95.39	5.7	33.54	7.8	25.6	1.02
F09	21 May 2025	32	11.12	95.30	5.6	33.55	7.8	25.6	1.06
F09	21 May 2025	33	11.07	95.55	5.5	33.55	7.8	25.6	0.87
F09	21 May 2025	34	11.04	95.91	5.5	33.55	7.8	25.6	0.84
F09	21 May 2025	35	11.00	96.00	5.4	33.56	7.8	25.7	0.73
F09	21 May 2025	36	10.95	96.14	5.3	33.59	7.8	25.7	0.53
F09	21 May 2025	37	10.88	96.25	5.1	33.61	7.8	25.7	0.47
F09	21 May 2025	38	10.77	96.13	5.1	33.61	7.8	25.7	0.49
F09	21 May 2025	39	10.71	96.32	5.1	33.62	7.8	25.8	0.55
F09	21 May 2025	40	10.70	96.25	5.1	33.62	7.8	25.8	0.60
F09	21 May 2025	41	10.58	96.32	5.0	33.64	7.8	25.8	0.60
F09	21 May 2025	42	10.57	96.30	5.0	33.65	7.8	25.8	0.56
F09	21 May 2025	43	10.61	96.36	4.8	33.67	7.8	25.8	0.60
F09	21 May 2025	44	10.68	96.38	4.5	33.72	7.7	25.8	0.58
F09	21 May 2025	45	10.69	96.00	4.3	33.74	7.7	25.8	0.56
F09	21 May 2025	46	10.69	95.79	4.1	33.77	7.7	25.9	0.52
F09	21 May 2025	47	10.67	95.74	4.0	33.78	7.7	25.9	0.48
F09	21 May 2025	48	10.64	96.04	4.0	33.78	7.7	25.9	0.51
F09	21 May 2025	49	10.62	96.10	3.9	33.79	7.7	25.9	0.51
F09	21 May 2025	50	10.60	95.84	3.8	33.80	7.7	25.9	0.45
F09	21 May 2025	51	10.58	95.65	3.7	33.82	7.7	25.9	0.43
F09	21 May 2025	52	10.57	95.35	3.6	33.84	7.7	25.9	0.41
F09	21 May 2025	53	10.58	94.85	3.5	33.85	7.7	26.0	0.34
F09	21 May 2025	54	10.57	94.16	3.4	33.85	7.7	26.0	0.39
F09	21 May 2025	55	10.57	93.93	3.4	33.85	7.7	26.0	0.35
F09	21 May 2025	56	10.57	93.92	3.4	33.85	7.7	26.0	0.37
F09	21 May 2025	57	10.56	93.62	3.3	33.86	7.6	26.0	0.30
F09	21 May 2025	58	10.56	92.29	3.2	33.86	7.6	26.0	0.29
F09	21 May 2025	59	10.52	90.62	3.1	33.87	7.6	26.0	0.28
F09	21 May 2025	60	10.51	87.57	3.0	33.88	7.6	26.0	0.28
F09	21 May 2025	61	10.51	85.65	3.0	33.88	7.6	26.0	0.28
F09	21 May 2025	62	10.50	84.35	2.9	33.89	7.6	26.0	0.28
F32	20 May 2025	1	17.55	95.19	8.3	33.43	8.1	24.2	0.12
F32	20 May 2025	2	17.63	95.02	8.2	33.45	8.1	24.2	0.13
F32	20 May 2025	3	17.66	95.13	8.2	33.45	8.1	24.2	0.12
F32	20 May 2025	4	17.63	95.12	8.1	33.45	8.1	24.2	0.13
F32	20 May 2025	5	17.20	95.15	8.2	33.45	8.1	24.3	0.13
F32	20 May 2025	6	16.85	95.29	8.4	33.43	8.1	24.3	0.12
F32	20 May 2025	7	16.73	95.27	8.6	33.43	8.1	24.4	0.14
F32	20 May 2025	8	16.54	95.05	8.7	33.43	8.1	24.4	0.18
F32	20 May 2025	9	16.27	95.02	8.9	33.43	8.1	24.5	0.20
F32	20 May 2025	10	15.98	94.70	9.3	33.42	8.1	24.5	0.22
F32	20 May 2025	11	15.36	94.50	9.9	33.43	8.2	24.7	0.24
F32	20 May 2025	12	14.47	94.08	9.7	33.44	8.2	24.9	0.33
F32	20 May 2025	13	13.92	93.52	9.0	33.42	8.1	25.0	0.58
F32	20 May 2025	14	13.51	91.91	8.6	33.39	8.0	25.0	1.71
F32	20 May 2025	15	13.15	81.40	8.1	33.39	8.0	25.1	4.85
F32	20 May 2025	16	13.04	86.82	7.7	33.38	8.0	25.1	1.64
F32	20 May 2025	17	12.80	93.20	7.5	33.38	8.0	25.2	1.52
F32	20 May 2025	18	12.60	94.30	7.4	33.38	8.0	25.2	1.02
F32	20 May 2025	19	12.46	94.45	7.2	33.38	7.9	25.2	0.94
F32	20 May 2025	20	12.26	94.80	7.0	33.40	7.9	25.3	0.97
F32	20 May 2025	21	12.12	95.23	6.8	33.43	7.9	25.3	0.72
F32	20 May 2025	22	12.00	95.46	6.6	33.47	7.9	25.4	0.63
F32	20 May 2025	23	11.96	95.66	6.5	33.49	7.9	25.4	0.57
F32	20 May 2025	24	11.89	95.84	6.4	33.49	7.9	25.4	0.59
F32	20 May 2025	25	11.84	95.80	6.3	33.49	7.9	25.4	0.59
F32	20 May 2025	26	11.73	95.78	6.2	33.50	7.9	25.5	0.56

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F32	20 May 2025	27	11.66	95.78	6.1	33.51	7.8	25.5	0.55
F32	20 May 2025	28	11.57	96.10	6.0	33.52	7.8	25.5	0.53
F32	20 May 2025	29	11.51	96.19	5.9	33.52	7.8	25.5	0.49
F32	20 May 2025	30	11.45	96.17	5.8	33.53	7.8	25.5	0.49
F32	20 May 2025	31	11.44	96.17	5.8	33.53	7.8	25.6	0.51
F32	20 May 2025	32	11.40	96.20	5.7	33.54	7.8	25.6	0.50
F32	20 May 2025	33	11.30	96.25	5.6	33.56	7.8	25.6	0.46
F32	20 May 2025	34	11.18	96.32	5.4	33.57	7.8	25.6	0.42
F32	20 May 2025	35	11.08	96.42	5.3	33.58	7.8	25.7	0.39
F32	20 May 2025	36	10.97	96.48	5.2	33.59	7.8	25.7	0.37
F32	20 May 2025	37	10.94	96.56	5.2	33.59	7.8	25.7	0.35
F32	20 May 2025	38	10.88	96.60	5.1	33.61	7.8	25.7	0.32
F32	20 May 2025	39	10.83	96.62	5.0	33.62	7.8	25.7	0.30
F32	20 May 2025	40	10.83	96.64	4.9	33.62	7.8	25.7	0.29
F32	20 May 2025	41	10.81	96.69	4.9	33.62	7.8	25.7	0.28
F32	20 May 2025	42	10.78	96.68	4.9	33.62	7.8	25.7	0.29
F32	20 May 2025	43	10.77	96.72	4.9	33.62	7.8	25.7	0.28
F32	20 May 2025	44	10.74	96.73	4.9	33.62	7.8	25.8	0.28
F32	20 May 2025	45	10.73	96.65	4.8	33.63	7.7	25.8	0.27
F32	20 May 2025	46	10.71	96.72	4.8	33.63	7.7	25.8	0.27
F32	20 May 2025	47	10.68	96.78	4.7	33.64	7.7	25.8	0.27
F32	20 May 2025	48	10.66	96.78	4.7	33.64	7.7	25.8	0.27
F32	20 May 2025	49	10.66	96.80	4.7	33.65	7.7	25.8	0.26
F32	20 May 2025	50	10.64	96.79	4.7	33.65	7.7	25.8	0.26
F32	20 May 2025	51	10.59	96.79	4.6	33.66	7.7	25.8	0.28
F32	20 May 2025	52	10.56	96.81	4.6	33.67	7.7	25.8	0.26
F32	20 May 2025	53	10.48	96.86	4.5	33.69	7.7	25.8	0.24
F32	20 May 2025	54	10.44	96.86	4.4	33.69	7.7	25.9	0.21
F32	20 May 2025	55	10.46	96.88	4.4	33.69	7.7	25.9	0.21
F32	20 May 2025	56	10.45	96.88	4.4	33.69	7.7	25.9	0.23
F32	20 May 2025	57	10.43	96.88	4.4	33.70	7.7	25.9	0.22
F32	20 May 2025	58	10.33	96.88	4.3	33.72	7.7	25.9	0.20
F32	20 May 2025	59	10.27	96.91	4.2	33.73	7.7	25.9	0.17
F32	20 May 2025	60	10.26	96.85	4.2	33.74	7.7	25.9	0.17
F32	20 May 2025	61	10.23	96.74	4.1	33.75	7.7	25.9	0.19
F32	20 May 2025	62	10.22	96.75	4.1	33.76	7.7	25.9	0.16
F32	20 May 2025	63	10.20	96.61	4.0	33.77	7.7	26.0	0.17
F32	20 May 2025	64	10.15	96.46	4.0	33.77	7.7	26.0	0.16
F32	20 May 2025	65	10.15	96.60	4.0	33.77	7.7	26.0	0.14
F32	20 May 2025	66	10.19	96.28	3.9	33.78	7.7	26.0	0.14
F32	20 May 2025	67	10.24	95.16	3.7	33.80	7.7	26.0	0.14
F32	20 May 2025	68	10.16	94.62	3.6	33.80	7.7	26.0	0.14
F32	20 May 2025	69	10.16	95.13	3.7	33.80	7.7	26.0	0.14
F32	20 May 2025	70	10.11	95.72	3.8	33.80	7.7	26.0	0.13
F32	20 May 2025	71	10.14	96.02	3.8	33.82	7.7	26.0	0.12
F32	20 May 2025	72	10.25	95.80	3.6	33.85	7.6	26.0	0.14
F32	20 May 2025	73	10.22	95.06	3.5	33.85	7.6	26.0	0.19
F32	20 May 2025	74	10.23	95.07	3.4	33.85	7.6	26.0	0.14
F32	20 May 2025	75	10.26	94.85	3.3	33.87	7.6	26.0	0.14
F32	20 May 2025	76	10.38	94.46	3.1	33.90	7.6	26.0	0.14
F32	20 May 2025	77	10.37	94.08	3.0	33.92	7.6	26.0	0.16
F32	20 May 2025	78	10.30	93.94	3.0	33.93	7.6	26.1	0.16
F32	20 May 2025	79	10.23	94.47	3.0	33.94	7.6	26.1	0.13
F32	20 May 2025	80	10.17	94.82	3.1	33.94	7.6	26.1	0.13
F32	20 May 2025	81	10.16	95.46	3.1	33.94	7.6	26.1	0.11
F32	20 May 2025	82	10.18	95.47	3.1	33.95	7.6	26.1	0.12
F32	20 May 2025	83	10.19	95.39	3.1	33.95	7.6	26.1	0.11
F32	20 May 2025	84	10.20	95.22	3.0	33.95	7.6	26.1	0.11
F32	20 May 2025	85	10.21	94.96	3.0	33.95	7.6	26.1	0.12
F32	20 May 2025	86	10.22	94.96	3.0	33.96	7.6	26.1	0.13
F32	20 May 2025	87	10.23	94.84	2.9	33.96	7.6	26.1	0.12

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F32	20 May 2025	88	10.27	94.54	2.9	33.97	7.6	26.1	0.12
F32	20 May 2025	89	10.27	93.79	2.8	33.98	7.6	26.1	0.13
F32	20 May 2025	90	10.24	93.09	2.7	34.02	7.6	26.1	0.12
F32	20 May 2025	91	10.22	92.67	2.6	34.03	7.6	26.2	0.11
F32	20 May 2025	92	10.20	92.47	2.6	34.04	7.6	26.2	0.11
F32	20 May 2025	93	10.19	92.62	2.6	34.04	7.6	26.2	0.10
F32	20 May 2025	94	10.17	92.93	2.6	34.05	7.6	26.2	0.10
F32	20 May 2025	95	10.14	93.59	2.6	34.06	7.6	26.2	0.09
F32	20 May 2025	96	10.12	94.63	2.6	34.06	7.6	26.2	0.09
F32	20 May 2025	97	10.12	95.09	2.5	34.08	7.6	26.2	0.10
F32	20 May 2025	98	10.12	94.41	2.5	34.08	7.6	26.2	0.09
F32	20 May 2025	99	10.13	93.89	2.4	34.08	7.6	26.2	0.09
F32	20 May 2025	100	10.13	93.62	2.4	34.09	7.6	26.2	0.09
F21	22 May 2025	1	19.33	94.06	8.2	33.55	8.2	23.8	0.30
F21	22 May 2025	2	19.32	94.05	8.2	33.55	8.2	23.8	0.29
F21	22 May 2025	3	19.28	93.95	8.2	33.55	8.2	23.8	0.33
F21	22 May 2025	4	19.14	94.04	8.2	33.55	8.2	23.9	0.33
F21	22 May 2025	5	18.79	94.06	8.3	33.55	8.2	24.0	0.31
F21	22 May 2025	6	18.60	92.83	8.3	33.53	8.2	24.0	0.32
F21	22 May 2025	7	17.92	94.14	8.5	33.52	8.1	24.2	0.33
F21	22 May 2025	8	17.64	94.54	8.7	33.52	8.2	24.2	0.34
F21	22 May 2025	9	17.38	94.52	8.8	33.51	8.2	24.3	0.36
F21	22 May 2025	10	17.21	94.26	8.9	33.50	8.2	24.3	0.44
F21	22 May 2025	11	17.13	94.01	8.9	33.50	8.2	24.3	0.45
F21	22 May 2025	12	17.06	93.86	8.9	33.50	8.2	24.3	0.47
F21	22 May 2025	13	16.85	93.80	9.0	33.51	8.2	24.4	0.47
F21	22 May 2025	14	16.30	93.79	9.3	33.50	8.2	24.5	0.49
F21	22 May 2025	15	16.11	93.67	9.4	33.49	8.2	24.6	0.51
F21	22 May 2025	16	15.45	93.50	9.5	33.49	8.2	24.7	0.53
F21	22 May 2025	17	14.67	93.50	9.9	33.49	8.2	24.9	0.65
F21	22 May 2025	18	14.10	93.18	10.1	33.48	8.2	25.0	0.85
F21	22 May 2025	19	13.25	92.26	9.3	33.49	8.1	25.2	1.90
F21	22 May 2025	20	12.75	90.50	7.9	33.49	8.0	25.3	2.93
F21	22 May 2025	21	12.10	90.45	7.1	33.47	8.0	25.4	2.23
F21	22 May 2025	22	11.86	92.56	6.7	33.44	7.9	25.4	1.40
F21	22 May 2025	23	11.89	94.24	6.5	33.44	7.9	25.4	1.38
F21	22 May 2025	24	11.69	94.92	6.4	33.45	7.9	25.4	1.32
F21	22 May 2025	25	11.64	95.19	6.3	33.47	7.9	25.5	0.84
F21	22 May 2025	26	11.61	95.54	6.2	33.49	7.9	25.5	0.62
F21	22 May 2025	27	11.60	95.95	6.1	33.49	7.9	25.5	0.64
F21	22 May 2025	28	11.47	95.98	6.0	33.52	7.9	25.5	0.62
F21	22 May 2025	29	11.39	96.03	5.8	33.53	7.8	25.6	0.57
F21	22 May 2025	30	11.31	96.14	5.7	33.54	7.8	25.6	0.53
F21	22 May 2025	31	11.27	96.20	5.6	33.55	7.8	25.6	0.54
F21	22 May 2025	32	11.24	96.35	5.5	33.55	7.8	25.6	0.55
F21	22 May 2025	33	11.18	96.33	5.4	33.56	7.8	25.6	0.51
F21	22 May 2025	34	11.09	96.45	5.3	33.58	7.8	25.7	0.49
F21	22 May 2025	35	11.00	96.51	5.2	33.59	7.8	25.7	0.50
F21	22 May 2025	36	10.92	96.42	5.2	33.60	7.8	25.7	0.43
F21	22 May 2025	37	10.89	96.56	5.1	33.60	7.8	25.7	0.39
F21	22 May 2025	38	10.80	96.67	5.0	33.61	7.8	25.7	0.35
F21	22 May 2025	39	10.73	96.76	5.0	33.62	7.8	25.7	0.31
F21	22 May 2025	40	10.69	96.87	5.0	33.62	7.8	25.8	0.30
F21	22 May 2025	41	10.63	96.88	5.0	33.62	7.8	25.8	0.27
F21	22 May 2025	42	10.60	96.91	5.0	33.63	7.8	25.8	0.26
F21	22 May 2025	43	10.57	96.91	5.0	33.64	7.8	25.8	0.26
F21	22 May 2025	44	10.56	96.90	4.9	33.64	7.8	25.8	0.25
F21	22 May 2025	45	10.56	96.96	4.9	33.64	7.8	25.8	0.26
F21	22 May 2025	46	10.55	96.96	4.8	33.65	7.8	25.8	0.25
F21	22 May 2025	47	10.53	96.97	4.8	33.65	7.8	25.8	0.29

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F21	22 May 2025	48	10.52	96.92	4.7	33.66	7.8	25.8	0.25
F21	22 May 2025	49	10.51	96.86	4.7	33.67	7.8	25.8	0.24
F21	22 May 2025	50	10.50	96.90	4.6	33.67	7.8	25.8	0.26
F21	22 May 2025	51	10.49	97.00	4.5	33.68	7.8	25.8	0.25
F21	22 May 2025	52	10.40	96.96	4.4	33.70	7.7	25.9	0.24
F21	22 May 2025	53	10.34	96.97	4.3	33.72	7.7	25.9	0.23
F21	22 May 2025	54	10.33	96.94	4.3	33.72	7.7	25.9	0.24
F21	22 May 2025	55	10.30	96.90	4.3	33.73	7.7	25.9	0.25
F21	22 May 2025	56	10.31	96.98	4.2	33.74	7.7	25.9	0.23
F21	22 May 2025	57	10.30	96.91	4.1	33.77	7.7	25.9	0.23
F21	22 May 2025	58	10.31	96.74	4.0	33.77	7.7	25.9	0.24
F21	22 May 2025	59	10.31	96.67	4.0	33.77	7.7	25.9	0.24
F21	22 May 2025	60	10.31	96.66	3.9	33.78	7.7	25.9	0.24
F21	22 May 2025	61	10.31	96.65	3.9	33.78	7.7	25.9	0.24
F21	22 May 2025	62	10.32	96.63	3.9	33.78	7.7	25.9	0.23
F21	22 May 2025	63	10.33	96.57	3.9	33.78	7.7	25.9	0.24
F21	22 May 2025	64	10.33	96.54	3.9	33.78	7.7	25.9	0.24
F21	22 May 2025	65	10.34	96.50	3.8	33.79	7.7	25.9	0.23
F21	22 May 2025	66	10.35	96.51	3.8	33.79	7.7	26.0	0.24
F21	22 May 2025	67	10.37	96.43	3.8	33.80	7.7	26.0	0.25
F21	22 May 2025	68	10.43	96.29	3.6	33.83	7.7	26.0	0.25
F21	22 May 2025	69	10.45	96.09	3.4	33.84	7.7	26.0	0.27
F21	22 May 2025	70	10.47	95.98	3.3	33.86	7.7	26.0	0.25
F21	22 May 2025	71	10.48	95.87	3.3	33.87	7.7	26.0	0.25
F21	22 May 2025	72	10.47	95.86	3.2	33.88	7.6	26.0	0.24
F21	22 May 2025	73	10.41	95.64	3.3	33.87	7.6	26.0	0.24
F21	22 May 2025	74	10.28	95.40	3.4	33.85	7.7	26.0	0.19
F21	22 May 2025	75	10.18	95.76	3.5	33.84	7.7	26.0	0.18
F21	22 May 2025	76	10.09	96.09	3.5	33.82	7.7	26.0	0.11
F21	22 May 2025	77	10.15	96.23	3.5	33.82	7.7	26.0	0.09
F21	22 May 2025	78	10.25	94.92	3.3	33.86	7.6	26.0	0.12
F21	22 May 2025	79	10.26	92.08	3.2	33.87	7.6	26.0	0.15
F21	22 May 2025	80	10.30	90.69	3.1	33.88	7.6	26.0	0.16
F21	22 May 2025	81	10.31	89.80	3.0	33.89	7.6	26.0	0.16
F21	22 May 2025	82	10.32	89.28	3.0	33.89	7.6	26.0	0.16
F21	22 May 2025	83	10.33	89.05	3.0	33.90	7.6	26.0	0.17
F21	22 May 2025	84	10.34	88.89	3.0	33.90	7.6	26.0	0.17
F10	21 May 2025	1	19.17	91.69	8.3	33.54	8.1	23.9	0.24
F10	21 May 2025	2	19.15	93.05	8.3	33.54	8.1	23.9	0.25
F10	21 May 2025	3	18.92	93.31	8.3	33.55	8.1	23.9	0.24
F10	21 May 2025	4	18.50	93.75	8.4	33.54	8.2	24.0	0.21
F10	21 May 2025	5	18.42	94.08	8.5	33.54	8.2	24.0	0.23
F10	21 May 2025	6	18.29	94.19	8.6	33.54	8.2	24.1	0.25
F10	21 May 2025	7	18.27	93.93	8.6	33.53	8.2	24.1	0.29
F10	21 May 2025	8	18.16	93.76	8.6	33.54	8.2	24.1	0.35
F10	21 May 2025	9	17.72	93.57	8.9	33.55	8.2	24.2	0.38
F10	21 May 2025	10	17.56	93.24	9.1	33.54	8.2	24.3	0.38
F10	21 May 2025	11	17.24	93.09	10.1	33.56	8.2	24.4	0.40
F10	21 May 2025	12	16.60	93.37	11.8	33.59	8.3	24.5	0.39
F10	21 May 2025	13	16.01	92.52	12.7	33.59	8.4	24.7	0.47
F10	21 May 2025	14	15.73	92.37	12.8	33.58	8.4	24.7	0.53
F10	21 May 2025	15	15.01	92.07	12.7	33.58	8.4	24.9	0.61
F10	21 May 2025	16	14.44	91.27	12.2	33.58	8.3	25.0	0.77
F10	21 May 2025	17	14.36	91.13	11.7	33.56	8.3	25.0	0.92
F10	21 May 2025	18	14.16	91.13	11.0	33.57	8.3	25.0	0.98
F10	21 May 2025	19	13.36	90.80	10.1	33.57	8.2	25.2	1.27
F10	21 May 2025	20	12.91	90.42	9.4	33.53	8.1	25.3	11.72
F10	21 May 2025	21	12.35	82.18	8.2	33.51	8.1	25.4	24.71
F10	21 May 2025	22	11.84	75.17	7.0	33.48	7.9	25.4	7.91
F10	21 May 2025	23	11.71	85.95	6.3	33.47	7.8	25.5	2.18

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F10	21 May 2025	24	11.58	91.21	6.2	33.47	7.9	25.5	1.79
F10	21 May 2025	25	11.51	92.93	6.2	33.48	7.9	25.5	1.22
F10	21 May 2025	26	11.51	94.14	6.1	33.50	7.9	25.5	1.17
F10	21 May 2025	27	11.43	94.45	6.0	33.53	7.9	25.6	1.28
F10	21 May 2025	28	11.28	94.36	5.9	33.53	7.8	25.6	1.13
F10	21 May 2025	29	11.18	94.79	5.8	33.53	7.8	25.6	0.95
F10	21 May 2025	30	11.14	95.34	5.7	33.53	7.8	25.6	0.79
F10	21 May 2025	31	11.12	95.54	5.7	33.53	7.8	25.6	0.72
F10	21 May 2025	32	11.13	95.75	5.6	33.54	7.8	25.6	0.80
F10	21 May 2025	33	11.14	95.69	5.6	33.54	7.8	25.6	0.82
F10	21 May 2025	34	11.11	95.63	5.5	33.55	7.8	25.6	0.91
F10	21 May 2025	35	11.04	95.44	5.5	33.57	7.8	25.7	0.97
F10	21 May 2025	36	11.00	95.51	5.4	33.57	7.8	25.7	0.86
F10	21 May 2025	37	10.95	95.45	5.4	33.57	7.8	25.7	0.71
F10	21 May 2025	38	10.89	95.86	5.3	33.58	7.8	25.7	0.65
F10	21 May 2025	39	10.85	95.75	5.3	33.59	7.8	25.7	0.55
F10	21 May 2025	40	10.76	96.02	5.2	33.61	7.8	25.7	0.51
F10	21 May 2025	41	10.72	96.20	5.2	33.61	7.8	25.7	0.51
F10	21 May 2025	42	10.69	96.26	5.1	33.62	7.8	25.8	0.52
F10	21 May 2025	43	10.64	96.35	5.0	33.63	7.8	25.8	0.60
F10	21 May 2025	44	10.61	96.19	5.0	33.63	7.8	25.8	0.59
F10	21 May 2025	45	10.58	96.29	5.0	33.63	7.8	25.8	0.60
F10	21 May 2025	46	10.56	96.39	5.0	33.64	7.8	25.8	0.56
F10	21 May 2025	47	10.57	96.28	4.9	33.65	7.8	25.8	0.61
F10	21 May 2025	48	10.72	96.31	4.6	33.71	7.8	25.8	0.55
F10	21 May 2025	49	10.75	96.20	4.2	33.75	7.7	25.8	0.53
F10	21 May 2025	50	10.75	95.76	4.0	33.76	7.7	25.9	0.44
F10	21 May 2025	51	10.73	95.00	3.8	33.77	7.7	25.9	0.48
F10	21 May 2025	52	10.66	94.07	3.6	33.81	7.7	25.9	0.44
F10	21 May 2025	53	10.63	93.26	3.4	33.83	7.7	25.9	0.37
F10	21 May 2025	54	10.59	91.15	3.3	33.85	7.6	26.0	0.36
F10	21 May 2025	55	10.60	90.55	3.2	33.85	7.6	25.9	0.40
F10	21 May 2025	56	10.55	90.12	3.1	33.88	7.6	26.0	0.32
F10	21 May 2025	57	10.54	89.05	3.0	33.89	7.6	26.0	0.27
F10	21 May 2025	58	10.53	89.24	3.0	33.89	7.6	26.0	0.26
F10	21 May 2025	59	10.52	88.94	2.9	33.90	7.6	26.0	0.25
F10	21 May 2025	60	10.51	87.78	2.9	33.90	7.6	26.0	0.27
F10	21 May 2025	61	10.51	86.72	2.9	33.90	7.6	26.0	0.29
F10	21 May 2025	62	10.51	84.61	2.9	33.90	7.6	26.0	0.27
F33	20 May 2025	1	17.79	95.04	8.2	33.47	8.1	24.1	0.15
F33	20 May 2025	2	17.83	95.06	8.2	33.46	8.1	24.1	0.14
F33	20 May 2025	3	17.60	94.95	8.2	33.47	8.1	24.2	0.14
F33	20 May 2025	4	17.24	94.90	8.2	33.45	8.1	24.3	0.13
F33	20 May 2025	5	17.05	95.03	8.3	33.44	8.1	24.3	0.13
F33	20 May 2025	6	16.90	95.19	8.4	33.43	8.1	24.3	0.15
F33	20 May 2025	7	16.79	95.09	8.5	33.43	8.1	24.4	0.17
F33	20 May 2025	8	16.63	94.99	8.6	33.43	8.1	24.4	0.20
F33	20 May 2025	9	16.48	94.88	8.8	33.44	8.1	24.4	0.24
F33	20 May 2025	10	16.00	94.65	9.4	33.47	8.1	24.6	0.26
F33	20 May 2025	11	15.38	94.30	9.7	33.46	8.2	24.7	0.29
F33	20 May 2025	12	14.38	94.05	9.5	33.45	8.1	24.9	0.32
F33	20 May 2025	13	13.82	94.00	8.8	33.44	8.1	25.0	0.38
F33	20 May 2025	14	13.43	93.56	8.2	33.41	8.0	25.1	0.75
F33	20 May 2025	15	13.21	92.52	7.8	33.40	8.0	25.1	0.92
F33	20 May 2025	16	12.81	92.55	7.7	33.40	8.0	25.2	0.94
F33	20 May 2025	17	12.64	93.07	7.5	33.39	8.0	25.2	0.78
F33	20 May 2025	18	12.53	93.71	7.3	33.40	8.0	25.2	0.81
F33	20 May 2025	19	12.34	94.07	7.0	33.41	7.9	25.3	0.76
F33	20 May 2025	20	12.07	94.21	6.8	33.42	7.9	25.4	0.81
F33	20 May 2025	21	11.95	94.39	6.6	33.45	7.9	25.4	0.58

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F33	20 May 2025	22	11.92	95.04	6.4	33.48	7.9	25.4	0.43
F33	20 May 2025	23	11.84	95.64	6.4	33.49	7.9	25.4	0.43
F33	20 May 2025	24	11.82	95.82	6.3	33.49	7.9	25.5	0.43
F33	20 May 2025	25	11.72	95.84	6.2	33.50	7.9	25.5	0.45
F33	20 May 2025	26	11.65	95.98	6.1	33.51	7.8	25.5	0.46
F33	20 May 2025	27	11.59	96.03	6.0	33.51	7.8	25.5	0.47
F33	20 May 2025	28	11.50	96.02	6.0	33.51	7.8	25.5	0.47
F33	20 May 2025	29	11.41	96.06	5.9	33.51	7.8	25.5	0.48
F33	20 May 2025	30	11.34	95.99	5.8	33.52	7.8	25.6	0.56
F33	20 May 2025	31	11.39	96.06	5.8	33.52	7.8	25.6	0.52
F33	20 May 2025	32	11.27	96.16	5.6	33.55	7.8	25.6	0.49
F33	20 May 2025	33	11.06	96.23	5.4	33.58	7.8	25.7	0.41
F33	20 May 2025	34	10.95	96.32	5.2	33.59	7.8	25.7	0.33
F33	20 May 2025	35	10.92	96.56	5.1	33.60	7.8	25.7	0.29
F33	20 May 2025	36	10.80	96.50	5.0	33.63	7.8	25.7	0.27
F33	20 May 2025	37	10.78	96.68	4.8	33.63	7.7	25.7	0.26
F33	20 May 2025	38	10.77	96.74	4.8	33.63	7.7	25.8	0.26
F33	20 May 2025	39	10.76	96.75	4.8	33.63	7.7	25.8	0.25
F33	20 May 2025	40	10.75	96.76	4.7	33.64	7.7	25.8	0.26
F33	20 May 2025	41	10.74	96.73	4.7	33.64	7.7	25.8	0.26
F33	20 May 2025	42	10.73	96.72	4.7	33.64	7.7	25.8	0.26
F33	20 May 2025	43	10.71	96.70	4.7	33.64	7.7	25.8	0.26
F33	20 May 2025	44	10.70	96.76	4.7	33.64	7.7	25.8	0.26
F33	20 May 2025	45	10.67	96.75	4.7	33.64	7.7	25.8	0.27
F33	20 May 2025	46	10.60	96.78	4.7	33.66	7.7	25.8	0.25
F33	20 May 2025	47	10.58	96.81	4.6	33.66	7.7	25.8	0.25
F33	20 May 2025	48	10.56	96.79	4.6	33.66	7.7	25.8	0.23
F33	20 May 2025	49	10.51	96.83	4.5	33.68	7.7	25.8	0.23
F33	20 May 2025	50	10.44	96.84	4.4	33.70	7.7	25.9	0.22
F33	20 May 2025	51	10.41	96.88	4.4	33.70	7.7	25.9	0.21
F33	20 May 2025	52	10.41	96.88	4.4	33.70	7.7	25.9	0.21
F33	20 May 2025	53	10.37	96.83	4.3	33.71	7.7	25.9	0.20
F33	20 May 2025	54	10.29	96.91	4.3	33.73	7.7	25.9	0.21
F33	20 May 2025	55	10.24	96.94	4.2	33.74	7.7	25.9	0.21
F33	20 May 2025	56	10.17	96.89	4.2	33.75	7.7	25.9	0.17
F33	20 May 2025	57	10.16	96.84	4.1	33.77	7.7	26.0	0.15
F33	20 May 2025	58	10.21	96.41	3.9	33.80	7.7	26.0	0.16
F33	20 May 2025	59	10.24	95.28	3.6	33.81	7.7	26.0	0.16
F33	20 May 2025	60	10.28	94.27	3.4	33.82	7.6	26.0	0.16
F33	20 May 2025	61	10.33	93.06	3.2	33.84	7.6	26.0	0.14
F33	20 May 2025	62	10.39	93.07	3.0	33.86	7.6	26.0	0.17
F33	20 May 2025	63	10.41	93.39	3.0	33.87	7.6	26.0	0.17
F33	20 May 2025	64	10.44	93.77	3.1	33.88	7.6	26.0	0.18
F33	20 May 2025	65	10.44	94.70	3.1	33.88	7.6	26.0	0.19
F33	20 May 2025	66	10.44	94.79	3.1	33.89	7.6	26.0	0.20
F33	20 May 2025	67	10.44	95.29	3.1	33.89	7.6	26.0	0.20
F33	20 May 2025	68	10.43	95.17	3.1	33.89	7.6	26.0	0.19
F33	20 May 2025	69	10.42	95.33	3.1	33.90	7.6	26.0	0.18
F33	20 May 2025	70	10.41	95.22	3.1	33.90	7.6	26.0	0.19
F33	20 May 2025	71	10.41	95.36	3.1	33.91	7.6	26.0	0.18
F33	20 May 2025	72	10.41	95.60	3.1	33.91	7.6	26.0	0.19
F33	20 May 2025	73	10.40	95.41	3.1	33.91	7.6	26.0	0.20
F33	20 May 2025	74	10.40	94.22	3.0	33.92	7.6	26.0	0.18
F33	20 May 2025	75	10.37	93.68	2.9	33.93	7.6	26.0	0.16
F33	20 May 2025	76	10.31	93.93	2.9	33.92	7.6	26.1	0.15
F33	20 May 2025	77	10.27	94.02	2.8	33.92	7.6	26.1	0.12
F33	20 May 2025	78	10.21	93.97	2.9	33.92	7.6	26.1	0.12
F33	20 May 2025	79	10.10	95.31	3.2	33.91	7.6	26.1	0.12
F33	20 May 2025	80	10.11	95.87	3.3	33.93	7.6	26.1	0.11
F33	20 May 2025	81	10.14	95.96	3.2	33.94	7.6	26.1	0.11
F33	20 May 2025	82	10.14	95.72	3.2	33.94	7.6	26.1	0.12

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F33	20 May 2025	83	10.16	95.45	3.1	33.95	7.6	26.1	0.11
F33	20 May 2025	84	10.17	95.41	3.1	33.95	7.6	26.1	0.12
F33	20 May 2025	85	10.17	95.30	3.0	33.96	7.6	26.1	0.11
F33	20 May 2025	86	10.19	95.00	2.9	33.99	7.6	26.1	0.11
F33	20 May 2025	87	10.19	94.50	2.8	34.02	7.6	26.2	0.11
F33	20 May 2025	88	10.17	93.87	2.7	34.03	7.6	26.2	0.10
F33	20 May 2025	89	10.16	94.10	2.7	34.02	7.6	26.2	0.11
F33	20 May 2025	90	10.12	94.90	2.8	34.04	7.6	26.2	0.09
F33	20 May 2025	91	10.11	95.80	2.8	34.04	7.6	26.2	0.09
F33	20 May 2025	92	10.10	95.89	2.7	34.05	7.6	26.2	0.09
F33	20 May 2025	93	10.10	95.75	2.7	34.05	7.6	26.2	0.09
F33	20 May 2025	94	10.11	95.54	2.7	34.06	7.6	26.2	0.09
F33	20 May 2025	95	10.10	95.66	2.6	34.06	7.6	26.2	0.09
F33	20 May 2025	96	10.11	95.66	2.6	34.06	7.6	26.2	0.09
F33	20 May 2025	97	10.12	95.52	2.5	34.07	7.6	26.2	0.09
F33	20 May 2025	98	10.13	95.43	2.5	34.08	7.6	26.2	0.08
F33	20 May 2025	99	10.15	94.80	2.4	34.09	7.6	26.2	0.09
F22	22 May 2025	1	19.39	93.02	8.1	33.56	8.2	23.8	0.33
F22	22 May 2025	2	19.39	92.96	8.2	33.56	8.2	23.8	0.32
F22	22 May 2025	3	19.37	93.36	8.3	33.56	8.2	23.8	0.33
F22	22 May 2025	4	19.17	93.49	8.3	33.56	8.2	23.9	0.34
F22	22 May 2025	5	18.79	93.65	8.3	33.55	8.2	24.0	0.31
F22	22 May 2025	6	18.61	94.22	8.4	33.54	8.2	24.0	0.30
F22	22 May 2025	7	18.54	94.41	8.4	33.53	8.2	24.0	0.31
F22	22 May 2025	8	18.46	94.40	8.4	33.54	8.2	24.0	0.30
F22	22 May 2025	9	18.30	94.40	8.4	33.54	8.2	24.1	0.31
F22	22 May 2025	10	18.04	94.54	8.4	33.54	8.2	24.1	0.32
F22	22 May 2025	11	17.88	94.61	8.5	33.53	8.2	24.2	0.34
F22	22 May 2025	12	17.77	94.53	8.6	33.53	8.2	24.2	0.37
F22	22 May 2025	13	17.64	94.32	8.6	33.53	8.2	24.2	0.40
F22	22 May 2025	14	17.38	94.25	8.7	33.53	8.2	24.3	0.47
F22	22 May 2025	15	16.78	93.93	9.0	33.53	8.2	24.4	0.48
F22	22 May 2025	16	15.82	93.85	9.4	33.51	8.2	24.6	0.51
F22	22 May 2025	17	14.92	93.70	9.8	33.50	8.2	24.8	0.52
F22	22 May 2025	18	14.33	93.58	9.7	33.49	8.2	25.0	0.67
F22	22 May 2025	19	13.10	92.35	9.4	33.54	8.2	25.2	8.98
F22	22 May 2025	20	12.47	81.78	7.9	33.54	8.0	25.4	15.50
F22	22 May 2025	21	11.96	77.39	6.8	33.49	7.9	25.4	5.27
F22	22 May 2025	22	11.67	85.39	6.5	33.48	7.9	25.5	4.61
F22	22 May 2025	23	11.61	90.36	6.2	33.48	7.9	25.5	2.00
F22	22 May 2025	24	11.49	92.61	6.1	33.49	7.9	25.5	1.60
F22	22 May 2025	25	11.37	93.82	5.9	33.51	7.9	25.6	1.43
F22	22 May 2025	26	11.28	94.29	5.8	33.53	7.8	25.6	1.69
F22	22 May 2025	27	11.26	94.78	5.7	33.54	7.8	25.6	1.59
F22	22 May 2025	28	11.25	94.97	5.7	33.55	7.8	25.6	1.12
F22	22 May 2025	29	11.23	94.95	5.6	33.56	7.8	25.6	1.22
F22	22 May 2025	30	11.08	94.96	5.6	33.56	7.8	25.6	1.24
F22	22 May 2025	31	11.03	95.31	5.5	33.55	7.8	25.6	0.72
F22	22 May 2025	32	11.05	95.80	5.5	33.55	7.8	25.6	0.66
F22	22 May 2025	33	11.03	95.97	5.4	33.56	7.8	25.6	0.67
F22	22 May 2025	34	10.98	94.81	5.3	33.59	7.8	25.7	1.11
F22	22 May 2025	35	10.90	96.05	5.1	33.60	7.8	25.7	0.51
F22	22 May 2025	36	10.87	96.53	5.0	33.61	7.8	25.7	0.40
F22	22 May 2025	37	10.84	96.70	5.0	33.61	7.8	25.7	0.35
F22	22 May 2025	38	10.80	96.61	5.0	33.62	7.8	25.7	0.37
F22	22 May 2025	39	10.77	96.70	4.9	33.62	7.8	25.7	0.32
F22	22 May 2025	40	10.72	96.70	4.9	33.62	7.8	25.8	0.31
F22	22 May 2025	41	10.69	96.77	4.8	33.63	7.8	25.8	0.31
F22	22 May 2025	42	10.66	96.87	4.8	33.64	7.8	25.8	0.30
F22	22 May 2025	43	10.61	96.88	4.8	33.64	7.8	25.8	0.28

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F22	22 May 2025	44	10.57	96.78	4.8	33.65	7.8	25.8	0.26
F22	22 May 2025	45	10.54	96.96	4.8	33.65	7.8	25.8	0.25
F22	22 May 2025	46	10.54	96.92	4.7	33.66	7.8	25.8	0.24
F22	22 May 2025	47	10.55	96.94	4.6	33.66	7.8	25.8	0.25
F22	22 May 2025	48	10.55	96.95	4.5	33.67	7.8	25.8	0.28
F22	22 May 2025	49	10.48	96.89	4.5	33.69	7.7	25.8	0.27
F22	22 May 2025	50	10.43	96.89	4.4	33.69	7.7	25.9	0.24
F22	22 May 2025	51	10.42	96.88	4.4	33.70	7.7	25.9	0.23
F22	22 May 2025	52	10.39	96.89	4.4	33.70	7.7	25.9	0.22
F22	22 May 2025	53	10.39	97.01	4.4	33.70	7.7	25.9	0.22
F22	22 May 2025	54	10.34	97.00	4.3	33.71	7.7	25.9	0.24
F22	22 May 2025	55	10.31	96.98	4.3	33.72	7.7	25.9	0.25
F22	22 May 2025	56	10.30	96.97	4.3	33.73	7.7	25.9	0.25
F22	22 May 2025	57	10.31	96.86	4.2	33.74	7.7	25.9	0.26
F22	22 May 2025	58	10.31	96.78	4.2	33.75	7.7	25.9	0.29
F22	22 May 2025	59	10.31	96.81	4.2	33.76	7.7	25.9	0.30
F22	22 May 2025	60	10.34	96.69	4.1	33.78	7.7	25.9	0.30
F22	22 May 2025	61	10.37	96.58	4.0	33.79	7.7	25.9	0.32
F22	22 May 2025	62	10.44	96.51	3.8	33.83	7.7	26.0	0.33
F22	22 May 2025	63	10.45	96.30	3.6	33.83	7.7	26.0	0.34
F22	22 May 2025	64	10.46	96.08	3.5	33.84	7.7	26.0	0.32
F22	22 May 2025	65	10.47	95.83	3.4	33.86	7.7	26.0	0.28
F22	22 May 2025	66	10.46	95.78	3.4	33.86	7.7	26.0	0.30
F22	22 May 2025	67	10.46	95.90	3.4	33.86	7.7	26.0	0.29
F22	22 May 2025	68	10.46	95.99	3.4	33.87	7.7	26.0	0.28
F22	22 May 2025	69	10.46	96.01	3.4	33.87	7.7	26.0	0.30
F22	22 May 2025	70	10.46	95.91	3.3	33.88	7.7	26.0	0.26
F22	22 May 2025	71	10.46	94.68	3.3	33.88	7.6	26.0	0.27
F22	22 May 2025	72	10.46	94.28	3.2	33.88	7.6	26.0	0.25
F22	22 May 2025	73	10.46	94.10	3.2	33.89	7.6	26.0	0.23
F22	22 May 2025	74	10.46	93.88	3.1	33.89	7.6	26.0	0.24
F22	22 May 2025	75	10.47	93.43	3.1	33.89	7.6	26.0	0.29
F22	22 May 2025	76	10.47	93.16	3.1	33.89	7.6	26.0	0.22
F22	22 May 2025	77	10.46	93.26	3.1	33.90	7.6	26.0	0.22
F22	22 May 2025	78	10.47	93.19	3.0	33.90	7.6	26.0	0.21
F22	22 May 2025	79	10.46	91.52	3.0	33.91	7.6	26.0	0.21
F22	22 May 2025	80	10.46	89.21	2.9	33.91	7.6	26.0	0.20
F22	22 May 2025	81	10.46	88.35	2.8	33.91	7.6	26.0	0.20
F22	22 May 2025	82	10.46	88.12	2.8	33.91	7.6	26.0	0.20
F11	21 May 2025	1	19.21	92.51	8.3	33.55	8.1	23.9	0.33
F11	21 May 2025	2	19.20	92.65	8.3	33.55	8.1	23.9	0.33
F11	21 May 2025	3	19.14	92.83	8.2	33.55	8.1	23.9	0.34
F11	21 May 2025	4	18.46	93.15	8.4	33.55	8.1	24.0	0.25
F11	21 May 2025	5	18.32	93.81	8.5	33.54	8.2	24.1	0.24
F11	21 May 2025	6	18.21	93.86	8.6	33.53	8.2	24.1	0.28
F11	21 May 2025	7	18.13	93.70	8.6	33.53	8.2	24.1	0.33
F11	21 May 2025	8	17.89	93.54	9.0	33.54	8.2	24.2	0.43
F11	21 May 2025	9	17.65	92.76	9.3	33.54	8.2	24.2	0.50
F11	21 May 2025	10	17.46	92.69	9.1	33.53	8.2	24.3	0.50
F11	21 May 2025	11	17.31	92.92	9.1	33.53	8.2	24.3	0.45
F11	21 May 2025	12	17.16	93.11	9.5	33.54	8.2	24.4	0.45
F11	21 May 2025	13	16.76	93.37	11.1	33.57	8.3	24.5	0.44
F11	21 May 2025	14	16.54	93.31	12.5	33.58	8.4	24.5	0.51
F11	21 May 2025	15	16.46	92.55	12.6	33.58	8.4	24.6	0.60
F11	21 May 2025	16	15.38	91.82	12.8	33.61	8.4	24.8	0.74
F11	21 May 2025	17	14.83	91.19	12.8	33.58	8.3	24.9	1.03
F11	21 May 2025	18	14.39	90.41	12.2	33.58	8.3	25.0	1.40
F11	21 May 2025	19	13.48	89.72	11.0	33.58	8.2	25.2	2.80
F11	21 May 2025	20	12.69	88.26	9.1	33.54	8.1	25.3	10.19
F11	21 May 2025	21	12.03	85.50	7.6	33.49	8.0	25.4	3.76

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F11	21 May 2025	22	11.89	87.91	6.8	33.48	7.9	25.4	2.64
F11	21 May 2025	23	11.85	90.45	6.6	33.48	7.9	25.4	2.37
F11	21 May 2025	24	11.78	91.54	6.4	33.50	7.9	25.5	2.50
F11	21 May 2025	25	11.61	91.94	6.2	33.53	7.9	25.5	2.23
F11	21 May 2025	26	11.58	92.83	6.1	33.53	7.9	25.5	1.67
F11	21 May 2025	27	11.51	93.41	6.0	33.56	7.9	25.6	1.74
F11	21 May 2025	28	11.37	93.83	5.8	33.56	7.8	25.6	1.64
F11	21 May 2025	29	11.33	93.81	5.8	33.55	7.8	25.6	1.43
F11	21 May 2025	30	11.30	94.32	5.7	33.55	7.8	25.6	1.27
F11	21 May 2025	31	11.21	94.50	5.7	33.55	7.8	25.6	1.15
F11	21 May 2025	32	11.13	95.11	5.6	33.54	7.8	25.6	0.96
F11	21 May 2025	33	11.09	95.57	5.6	33.55	7.8	25.6	0.82
F11	21 May 2025	34	11.08	95.48	5.5	33.55	7.8	25.6	0.81
F11	21 May 2025	35	11.08	95.60	5.5	33.55	7.8	25.6	0.81
F11	21 May 2025	36	11.08	95.64	5.5	33.56	7.8	25.6	0.95
F11	21 May 2025	37	11.09	95.41	5.4	33.56	7.8	25.6	1.00
F11	21 May 2025	38	11.06	95.14	5.4	33.58	7.8	25.7	0.96
F11	21 May 2025	39	10.94	95.19	5.3	33.59	7.8	25.7	0.99
F11	21 May 2025	40	10.87	95.42	5.2	33.61	7.8	25.7	0.90
F11	21 May 2025	41	10.85	95.62	5.1	33.61	7.8	25.7	0.98
F11	21 May 2025	42	10.70	95.75	5.1	33.63	7.8	25.8	0.88
F11	21 May 2025	43	10.70	95.78	5.0	33.62	7.8	25.8	0.76
F11	21 May 2025	44	10.60	95.90	5.0	33.63	7.8	25.8	0.77
F11	21 May 2025	45	10.55	96.13	5.0	33.64	7.8	25.8	0.58
F11	21 May 2025	46	10.56	96.17	4.9	33.65	7.8	25.8	0.56
F11	21 May 2025	47	10.62	96.25	4.8	33.67	7.8	25.8	0.58
F11	21 May 2025	48	10.70	96.17	4.5	33.70	7.7	25.8	0.62
F11	21 May 2025	49	10.73	95.86	4.2	33.76	7.7	25.9	0.57
F11	21 May 2025	50	10.66	95.34	3.8	33.80	7.7	25.9	0.43
F11	21 May 2025	51	10.62	94.67	3.6	33.81	7.7	25.9	0.39
F11	21 May 2025	52	10.62	94.18	3.5	33.83	7.7	25.9	0.39
F11	21 May 2025	53	10.61	94.47	3.5	33.84	7.7	25.9	0.44
F11	21 May 2025	54	10.60	94.01	3.4	33.84	7.7	25.9	0.38
F11	21 May 2025	55	10.59	93.10	3.3	33.85	7.6	25.9	0.32
F11	21 May 2025	56	10.56	91.13	3.1	33.87	7.6	26.0	0.31
F11	21 May 2025	57	10.54	88.89	3.0	33.88	7.6	26.0	0.30
F11	21 May 2025	58	10.54	87.60	3.0	33.88	7.6	26.0	0.29
F11	21 May 2025	59	10.54	86.35	3.0	33.88	7.6	26.0	0.32
F11	21 May 2025	60	10.52	85.31	2.9	33.89	7.6	26.0	0.32
F11	21 May 2025	61	10.51	84.91	2.9	33.89	7.6	26.0	0.31
F34	20 May 2025	1	17.79	94.87	8.2	33.45	8.1	24.1	0.15
F34	20 May 2025	2	17.72	95.00	8.2	33.47	8.1	24.2	0.15
F34	20 May 2025	3	17.63	94.90	8.2	33.46	8.1	24.2	0.17
F34	20 May 2025	4	17.45	94.86	8.2	33.46	8.1	24.2	0.19
F34	20 May 2025	5	17.24	94.91	8.3	33.45	8.1	24.3	0.17
F34	20 May 2025	6	17.10	95.06	8.3	33.45	8.1	24.3	0.17
F34	20 May 2025	7	16.67	95.00	8.5	33.45	8.1	24.4	0.21
F34	20 May 2025	8	16.32	94.48	8.8	33.44	8.1	24.5	0.22
F34	20 May 2025	9	15.97	94.84	9.4	33.47	8.1	24.6	0.26
F34	20 May 2025	10	15.61	94.49	10.2	33.48	8.2	24.7	0.32
F34	20 May 2025	11	15.03	94.01	10.1	33.48	8.2	24.8	0.38
F34	20 May 2025	12	14.05	93.59	9.7	33.46	8.1	25.0	0.41
F34	20 May 2025	13	13.59	93.34	9.3	33.43	8.1	25.1	0.54
F34	20 May 2025	14	13.42	92.98	8.9	33.42	8.1	25.1	0.64
F34	20 May 2025	15	12.95	92.14	8.1	33.41	8.0	25.2	2.19
F34	20 May 2025	16	12.77	85.13	7.6	33.40	8.0	25.2	4.55
F34	20 May 2025	17	12.66	87.33	7.3	33.40	8.0	25.2	1.82
F34	20 May 2025	18	12.57	91.20	7.2	33.40	7.9	25.2	1.56
F34	20 May 2025	19	12.46	92.77	7.2	33.41	7.9	25.3	1.36
F34	20 May 2025	20	12.38	93.46	7.1	33.41	7.9	25.3	1.40

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F34	20 May 2025	21	12.23	93.80	6.9	33.42	7.9	25.3	1.30
F34	20 May 2025	22	12.05	94.16	6.7	33.43	7.9	25.4	1.05
F34	20 May 2025	23	11.88	94.50	6.5	33.45	7.9	25.4	1.05
F34	20 May 2025	24	11.76	94.90	6.3	33.49	7.9	25.5	0.67
F34	20 May 2025	25	11.61	95.83	6.2	33.50	7.8	25.5	0.50
F34	20 May 2025	26	11.56	96.01	6.0	33.52	7.8	25.5	0.49
F34	20 May 2025	27	11.50	96.06	5.9	33.52	7.8	25.5	0.49
F34	20 May 2025	28	11.38	96.03	5.9	33.52	7.8	25.6	0.51
F34	20 May 2025	29	11.35	96.02	5.8	33.51	7.8	25.6	0.54
F34	20 May 2025	30	11.31	96.00	5.8	33.52	7.8	25.6	0.55
F34	20 May 2025	31	11.24	96.05	5.7	33.52	7.8	25.6	0.54
F34	20 May 2025	32	11.19	96.04	5.6	33.54	7.8	25.6	0.53
F34	20 May 2025	33	11.11	96.21	5.4	33.58	7.8	25.6	0.44
F34	20 May 2025	34	11.03	96.47	5.2	33.59	7.8	25.7	0.37
F34	20 May 2025	35	10.97	96.50	5.2	33.59	7.8	25.7	0.38
F34	20 May 2025	36	10.86	96.54	5.1	33.61	7.8	25.7	0.33
F34	20 May 2025	37	10.81	96.62	5.0	33.62	7.8	25.7	0.29
F34	20 May 2025	38	10.79	96.68	4.9	33.62	7.8	25.7	0.32
F34	20 May 2025	39	10.78	96.66	4.8	33.63	7.7	25.7	0.29
F34	20 May 2025	40	10.73	96.70	4.8	33.64	7.7	25.8	0.28
F34	20 May 2025	41	10.71	96.73	4.7	33.64	7.7	25.8	0.28
F34	20 May 2025	42	10.70	96.78	4.7	33.64	7.7	25.8	0.25
F34	20 May 2025	43	10.69	96.77	4.7	33.65	7.7	25.8	0.27
F34	20 May 2025	44	10.67	96.76	4.7	33.65	7.7	25.8	0.27
F34	20 May 2025	45	10.67	96.77	4.7	33.65	7.7	25.8	0.27
F34	20 May 2025	46	10.63	96.75	4.6	33.65	7.7	25.8	0.29
F34	20 May 2025	47	10.57	96.73	4.6	33.66	7.7	25.8	0.24
F34	20 May 2025	48	10.54	96.83	4.6	33.67	7.7	25.8	0.23
F34	20 May 2025	49	10.49	96.85	4.5	33.68	7.7	25.8	0.23
F34	20 May 2025	50	10.43	96.89	4.4	33.69	7.7	25.9	0.21
F34	20 May 2025	51	10.36	96.84	4.4	33.71	7.7	25.9	0.21
F34	20 May 2025	52	10.29	96.91	4.3	33.72	7.7	25.9	0.19
F34	20 May 2025	53	10.31	96.91	4.3	33.72	7.7	25.9	0.19
F34	20 May 2025	54	10.28	96.92	4.2	33.73	7.7	25.9	0.18
F34	20 May 2025	55	10.27	96.94	4.2	33.73	7.7	25.9	0.17
F34	20 May 2025	56	10.25	96.96	4.2	33.74	7.7	25.9	0.18
F34	20 May 2025	57	10.21	96.96	4.2	33.74	7.7	25.9	0.17
F34	20 May 2025	58	10.19	96.98	4.2	33.74	7.7	25.9	0.16
F34	20 May 2025	59	10.18	97.02	4.2	33.75	7.7	25.9	0.16
F34	20 May 2025	60	10.13	97.01	4.2	33.76	7.7	26.0	0.14
F34	20 May 2025	61	10.12	96.96	4.1	33.76	7.7	26.0	0.14
F34	20 May 2025	62	10.12	97.00	4.1	33.76	7.7	26.0	0.15
F34	20 May 2025	63	10.07	96.99	4.1	33.77	7.7	26.0	0.13
F34	20 May 2025	64	10.05	97.02	4.1	33.78	7.7	26.0	0.12
F34	20 May 2025	65	10.04	97.02	4.0	33.78	7.7	26.0	0.13
F34	20 May 2025	66	10.05	96.91	4.0	33.80	7.7	26.0	0.12
F34	20 May 2025	67	10.12	96.71	3.8	33.83	7.7	26.0	0.12
F34	20 May 2025	68	10.21	95.61	3.4	33.86	7.6	26.0	0.13
F34	20 May 2025	69	10.28	93.65	3.2	33.87	7.6	26.0	0.13
F34	20 May 2025	70	10.31	93.57	2.9	33.89	7.6	26.0	0.13
F34	20 May 2025	71	10.31	93.71	2.8	33.90	7.6	26.0	0.15
F34	20 May 2025	72	10.35	93.83	2.8	33.91	7.6	26.0	0.13
F34	20 May 2025	73	10.35	94.32	2.8	33.91	7.6	26.0	0.14
F34	20 May 2025	74	10.33	94.23	2.8	33.92	7.6	26.0	0.13
F34	20 May 2025	75	10.33	94.27	2.8	33.92	7.6	26.1	0.13
F34	20 May 2025	76	10.32	94.02	2.8	33.93	7.6	26.1	0.13
F34	20 May 2025	77	10.27	94.09	2.8	33.92	7.6	26.1	0.12
F34	20 May 2025	78	10.23	94.46	2.9	33.92	7.6	26.1	0.13
F34	20 May 2025	79	10.20	94.61	2.9	33.93	7.6	26.1	0.12
F34	20 May 2025	80	10.12	95.01	3.1	33.93	7.6	26.1	0.11
F34	20 May 2025	81	10.13	95.79	3.2	33.93	7.6	26.1	0.11

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F34	20 May 2025	82	10.19	96.03	3.1	33.96	7.6	26.1	0.11
F34	20 May 2025	83	10.20	95.62	3.0	33.97	7.6	26.1	0.12
F34	20 May 2025	84	10.26	95.49	2.9	33.98	7.6	26.1	0.12
F34	20 May 2025	85	10.30	94.83	2.8	34.00	7.6	26.1	0.13
F34	20 May 2025	86	10.29	94.07	2.7	34.00	7.6	26.1	0.13
F34	20 May 2025	87	10.32	93.81	2.6	34.01	7.6	26.1	0.13
F34	20 May 2025	88	10.30	93.58	2.5	34.03	7.6	26.1	0.13
F34	20 May 2025	89	10.27	93.29	2.5	34.05	7.6	26.2	0.12
F34	20 May 2025	90	10.26	92.38	2.4	34.05	7.6	26.2	0.12
F34	20 May 2025	91	10.25	92.12	2.4	34.06	7.6	26.2	0.12
F34	20 May 2025	92	10.24	92.15	2.4	34.06	7.6	26.2	0.11
F34	20 May 2025	93	10.23	92.51	2.4	34.06	7.6	26.2	0.11
F34	20 May 2025	94	10.22	93.46	2.4	34.06	7.6	26.2	0.10
F34	20 May 2025	95	10.21	94.25	2.5	34.06	7.6	26.2	0.10
F34	20 May 2025	96	10.21	94.64	2.5	34.06	7.6	26.2	0.10
F34	20 May 2025	97	10.20	95.08	2.5	34.06	7.6	26.2	0.10
F34	20 May 2025	98	10.20	95.09	2.4	34.07	7.6	26.2	0.09
F34	20 May 2025	99	10.20	94.52	2.4	34.08	7.6	26.2	0.09
F34	20 May 2025	100	10.20	92.54	2.3	34.08	7.6	26.2	0.11
F23	22 May 2025	1	19.32	92.59	8.3	33.56	8.2	23.8	0.38
F23	22 May 2025	2	19.31	93.51	8.3	33.56	8.2	23.8	0.36
F23	22 May 2025	3	19.29	93.49	8.3	33.56	8.2	23.8	0.36
F23	22 May 2025	4	19.29	93.56	8.3	33.56	8.2	23.8	0.37
F23	22 May 2025	5	19.26	92.99	8.3	33.56	8.2	23.9	0.38
F23	22 May 2025	6	19.11	90.67	8.3	33.56	8.2	23.9	0.36
F23	22 May 2025	7	18.92	93.08	8.3	33.56	8.2	23.9	0.38
F23	22 May 2025	8	18.64	94.01	8.4	33.56	8.2	24.0	0.36
F23	22 May 2025	9	18.44	94.10	8.4	33.56	8.2	24.1	0.37
F23	22 May 2025	10	18.25	94.07	8.4	33.54	8.2	24.1	0.36
F23	22 May 2025	11	17.89	94.37	8.4	33.54	8.2	24.2	0.34
F23	22 May 2025	12	17.46	94.45	8.7	33.52	8.2	24.3	0.39
F23	22 May 2025	13	17.24	94.43	8.8	33.52	8.2	24.3	0.43
F23	22 May 2025	14	16.84	94.09	8.9	33.52	8.2	24.4	0.47
F23	22 May 2025	15	16.41	93.82	9.1	33.50	8.2	24.5	0.50
F23	22 May 2025	16	15.34	93.67	9.4	33.50	8.2	24.7	0.55
F23	22 May 2025	17	14.57	93.25	9.8	33.48	8.2	24.9	0.60
F23	22 May 2025	18	14.08	93.32	10.1	33.49	8.2	25.0	0.77
F23	22 May 2025	19	13.41	93.20	9.4	33.48	8.2	25.1	1.14
F23	22 May 2025	20	12.59	92.17	8.1	33.51	8.1	25.3	4.47
F23	22 May 2025	21	12.15	87.38	7.0	33.56	8.0	25.4	10.46
F23	22 May 2025	22	11.65	85.73	6.2	33.55	7.9	25.5	4.00
F23	22 May 2025	23	11.56	90.73	5.9	33.54	7.9	25.5	1.86
F23	22 May 2025	24	11.46	92.75	5.8	33.56	7.9	25.6	1.62
F23	22 May 2025	25	11.33	93.54	5.7	33.57	7.8	25.6	1.60
F23	22 May 2025	26	11.20	93.98	5.6	33.56	7.8	25.6	1.28
F23	22 May 2025	27	11.10	94.44	5.6	33.55	7.8	25.6	1.02
F23	22 May 2025	28	10.98	94.91	5.4	33.57	7.8	25.7	0.87
F23	22 May 2025	29	10.93	95.33	5.3	33.58	7.8	25.7	0.57
F23	22 May 2025	30	10.90	95.86	5.2	33.59	7.8	25.7	0.48
F23	22 May 2025	31	10.88	96.30	5.1	33.60	7.8	25.7	0.44
F23	22 May 2025	32	10.85	96.47	5.1	33.60	7.8	25.7	0.41
F23	22 May 2025	33	10.83	96.45	5.0	33.61	7.8	25.7	0.39
F23	22 May 2025	34	10.83	96.63	5.0	33.61	7.8	25.7	0.37
F23	22 May 2025	35	10.83	96.61	5.0	33.61	7.8	25.7	0.35
F23	22 May 2025	36	10.83	96.64	5.0	33.62	7.8	25.7	0.35
F23	22 May 2025	37	10.78	96.62	4.9	33.62	7.8	25.7	0.37
F23	22 May 2025	38	10.71	96.71	4.9	33.63	7.8	25.8	0.34
F23	22 May 2025	39	10.67	96.79	4.8	33.63	7.8	25.8	0.29
F23	22 May 2025	40	10.64	96.79	4.8	33.64	7.8	25.8	0.28
F23	22 May 2025	41	10.61	96.80	4.8	33.65	7.8	25.8	0.27

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F23	22 May 2025	42	10.58	96.82	4.7	33.66	7.8	25.8	0.27
F23	22 May 2025	43	10.58	96.85	4.6	33.66	7.8	25.8	0.28
F23	22 May 2025	44	10.56	96.83	4.6	33.67	7.8	25.8	0.28
F23	22 May 2025	45	10.50	96.77	4.5	33.68	7.8	25.8	0.28
F23	22 May 2025	46	10.41	96.64	4.4	33.70	7.7	25.9	0.25
F23	22 May 2025	47	10.37	96.87	4.4	33.71	7.7	25.9	0.22
F23	22 May 2025	48	10.35	96.95	4.3	33.71	7.7	25.9	0.22
F23	22 May 2025	49	10.34	96.95	4.3	33.72	7.7	25.9	0.21
F23	22 May 2025	50	10.34	96.99	4.3	33.71	7.7	25.9	0.23
F23	22 May 2025	51	10.33	97.01	4.3	33.72	7.7	25.9	0.21
F23	22 May 2025	52	10.30	96.97	4.3	33.72	7.7	25.9	0.21
F23	22 May 2025	53	10.28	96.97	4.3	33.73	7.7	25.9	0.24
F23	22 May 2025	54	10.27	96.86	4.3	33.73	7.7	25.9	0.25
F23	22 May 2025	55	10.28	96.93	4.2	33.74	7.7	25.9	0.24
F23	22 May 2025	56	10.28	96.80	4.2	33.74	7.7	25.9	0.25
F23	22 May 2025	57	10.27	96.80	4.2	33.75	7.7	25.9	0.26
F23	22 May 2025	58	10.29	96.84	4.1	33.77	7.7	25.9	0.28
F23	22 May 2025	59	10.31	96.74	4.1	33.78	7.7	25.9	0.28
F23	22 May 2025	60	10.32	96.62	4.0	33.79	7.7	26.0	0.28
F23	22 May 2025	61	10.35	96.56	3.9	33.80	7.7	26.0	0.30
F23	22 May 2025	62	10.42	96.51	3.7	33.84	7.7	26.0	0.30
F23	22 May 2025	63	10.46	96.12	3.4	33.87	7.7	26.0	0.29
F23	22 May 2025	64	10.46	95.90	3.4	33.87	7.7	26.0	0.28
F23	22 May 2025	65	10.47	95.88	3.3	33.87	7.7	26.0	0.27
F23	22 May 2025	66	10.47	95.87	3.1	33.88	7.6	26.0	0.23
F23	22 May 2025	67	10.47	95.48	3.0	33.88	7.6	26.0	0.20
F23	22 May 2025	68	10.46	95.34	3.0	33.88	7.6	26.0	0.19
F23	22 May 2025	69	10.47	95.45	3.1	33.88	7.6	26.0	0.20
F23	22 May 2025	70	10.47	95.74	3.2	33.89	7.6	26.0	0.21
F23	22 May 2025	71	10.46	96.09	3.2	33.89	7.6	26.0	0.22
F23	22 May 2025	72	10.46	96.19	3.2	33.89	7.6	26.0	0.21
F23	22 May 2025	73	10.45	96.26	3.2	33.89	7.6	26.0	0.21
F23	22 May 2025	74	10.43	96.24	3.2	33.89	7.6	26.0	0.25
F23	22 May 2025	75	10.42	96.23	3.1	33.90	7.6	26.0	0.19
F23	22 May 2025	76	10.42	95.99	3.1	33.90	7.6	26.0	0.20
F23	22 May 2025	77	10.42	95.41	3.0	33.90	7.6	26.0	0.19
F23	22 May 2025	78	10.43	94.31	3.0	33.91	7.6	26.0	0.19
F23	22 May 2025	79	10.43	92.99	2.9	33.91	7.6	26.0	0.23
F23	22 May 2025	80	10.43	90.05	2.8	33.92	7.6	26.0	0.19
F23	22 May 2025	81	10.43	88.17	2.7	33.92	7.6	26.0	0.20
F23	22 May 2025	82	10.43	87.39	2.7	33.93	7.6	26.0	0.20
F23	22 May 2025	83	10.43	86.75	2.7	33.93	7.6	26.0	0.19
F12	21 May 2025	1	19.35	90.94	8.3	33.56	8.1	23.8	0.45
F12	21 May 2025	2	19.25	88.89	8.3	33.56	8.1	23.9	0.42
F12	21 May 2025	3	19.11	88.34	8.3	33.56	8.1	23.9	0.38
F12	21 May 2025	4	18.69	92.88	8.3	33.55	8.1	24.0	0.32
F12	21 May 2025	5	18.43	93.45	8.4	33.53	8.1	24.0	0.30
F12	21 May 2025	6	18.29	93.91	8.4	33.52	8.1	24.1	0.28
F12	21 May 2025	7	18.24	93.95	8.4	33.52	8.1	24.1	0.29
F12	21 May 2025	8	17.99	93.89	8.6	33.53	8.2	24.1	0.32
F12	21 May 2025	9	17.71	93.65	8.8	33.53	8.2	24.2	0.41
F12	21 May 2025	10	17.39	93.11	8.9	33.53	8.2	24.3	0.47
F12	21 May 2025	11	17.23	93.00	9.0	33.51	8.2	24.3	0.48
F12	21 May 2025	12	17.19	92.98	9.0	33.51	8.2	24.3	0.50
F12	21 May 2025	13	16.42	92.89	10.4	33.55	8.2	24.5	0.57
F12	21 May 2025	14	16.19	92.28	12.1	33.56	8.3	24.6	0.64
F12	21 May 2025	15	16.18	91.47	12.4	33.57	8.4	24.6	0.73
F12	21 May 2025	16	15.24	91.47	11.9	33.61	8.4	24.8	0.77
F12	21 May 2025	17	13.21	91.11	10.4	33.60	8.2	25.3	3.45
F12	21 May 2025	18	12.48	84.75	8.4	33.53	8.0	25.4	17.17

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F12	21 May 2025	19	12.14	83.87	7.1	33.50	7.9	25.4	5.33
F12	21 May 2025	20	11.91	87.90	6.6	33.48	7.9	25.4	2.68
F12	21 May 2025	21	11.87	90.07	6.5	33.49	7.9	25.4	2.56
F12	21 May 2025	22	11.84	91.80	6.3	33.53	7.9	25.5	2.71
F12	21 May 2025	23	11.74	92.10	6.1	33.57	7.9	25.5	2.51
F12	21 May 2025	24	11.65	92.81	5.9	33.58	7.9	25.6	2.21
F12	21 May 2025	25	11.58	92.88	5.8	33.60	7.8	25.6	2.01
F12	21 May 2025	26	11.49	92.45	5.7	33.60	7.8	25.6	1.84
F12	21 May 2025	27	11.34	92.86	5.6	33.59	7.8	25.6	1.79
F12	21 May 2025	28	11.37	93.75	5.6	33.59	7.8	25.6	1.57
F12	21 May 2025	29	11.23	94.28	5.5	33.59	7.8	25.6	1.75
F12	21 May 2025	30	11.13	94.65	5.5	33.58	7.8	25.6	1.24
F12	21 May 2025	31	11.12	94.85	5.4	33.59	7.8	25.7	1.22
F12	21 May 2025	32	11.01	94.72	5.3	33.60	7.8	25.7	1.13
F12	21 May 2025	33	10.92	94.90	5.2	33.60	7.8	25.7	1.01
F12	21 May 2025	34	10.93	95.33	5.2	33.61	7.8	25.7	1.10
F12	21 May 2025	35	10.76	95.42	5.1	33.62	7.8	25.7	0.84
F12	21 May 2025	36	10.71	95.76	5.1	33.62	7.8	25.8	0.68
F12	21 May 2025	37	10.66	96.12	5.0	33.63	7.8	25.8	0.73
F12	21 May 2025	38	10.61	96.31	5.0	33.63	7.8	25.8	0.59
F12	21 May 2025	39	10.57	96.39	5.0	33.64	7.8	25.8	0.54
F12	21 May 2025	40	10.54	96.36	4.9	33.66	7.8	25.8	0.53
F12	21 May 2025	41	10.58	96.28	4.8	33.66	7.8	25.8	0.51
F12	21 May 2025	42	10.72	96.19	4.5	33.72	7.7	25.8	0.48
F12	21 May 2025	43	10.69	96.28	4.3	33.75	7.7	25.9	0.50
F12	21 May 2025	44	10.64	96.40	4.1	33.78	7.7	25.9	0.46
F12	21 May 2025	45	10.65	95.98	4.0	33.77	7.7	25.9	0.43
F12	21 May 2025	46	10.60	95.82	3.9	33.80	7.7	25.9	0.42
F12	21 May 2025	47	10.57	95.36	3.8	33.80	7.7	25.9	0.34
F12	21 May 2025	48	10.56	95.03	3.7	33.82	7.7	25.9	0.35
F12	21 May 2025	49	10.57	94.70	3.6	33.82	7.7	25.9	0.36
F12	21 May 2025	50	10.57	94.41	3.5	33.83	7.7	25.9	0.34
F12	21 May 2025	51	10.58	94.16	3.5	33.83	7.7	25.9	0.31
F12	21 May 2025	52	10.58	94.15	3.4	33.84	7.7	25.9	0.33
F12	21 May 2025	53	10.58	93.93	3.4	33.84	7.7	25.9	0.32
F12	21 May 2025	54	10.56	93.36	3.2	33.84	7.6	26.0	0.30
F12	21 May 2025	55	10.54	92.06	3.1	33.85	7.6	26.0	0.29
F12	21 May 2025	56	10.53	90.33	3.0	33.86	7.6	26.0	0.38
F12	21 May 2025	57	10.53	88.96	3.0	33.87	7.6	26.0	0.33
F12	21 May 2025	58	10.51	88.50	2.9	33.88	7.6	26.0	0.29
F12	21 May 2025	59	10.50	88.14	2.9	33.88	7.6	26.0	0.30
F12	21 May 2025	60	10.49	87.60	2.9	33.89	7.6	26.0	0.28
F12	21 May 2025	61	10.49	86.78	2.9	33.89	7.6	26.0	0.26
F02	21 May 2025	1	18.69	84.96	9.7	33.62	8.3	24.0	1.10
F02	21 May 2025	2	18.67	84.97	9.5	33.62	8.3	24.0	1.12
F02	21 May 2025	3	18.44	84.64	9.3	33.62	8.3	24.1	1.25
F02	21 May 2025	4	18.27	84.35	9.4	33.61	8.3	24.1	1.29
F02	21 May 2025	5	18.07	84.21	9.7	33.61	8.3	24.2	1.26
F02	21 May 2025	6	18.04	84.21	9.8	33.61	8.3	24.2	1.35
F02	21 May 2025	7	17.95	84.54	10.1	33.60	8.3	24.2	1.30
F02	21 May 2025	8	17.74	84.79	10.6	33.60	8.3	24.3	1.32
F02	21 May 2025	9	17.62	85.55	10.9	33.60	8.3	24.3	1.28
F02	21 May 2025	10	17.60	86.03	10.9	33.60	8.3	24.3	1.60
F02	21 May 2025	11	16.94	84.98	11.0	33.63	8.3	24.5	9.78
F02	21 May 2025	12	15.93	76.54	11.9	33.62	8.3	24.7	12.36
F02	21 May 2025	13	15.42	74.05	12.3	33.59	8.3	24.8	6.44
F02	21 May 2025	14	14.44	77.91	11.6	33.62	8.3	25.0	17.79
F02	21 May 2025	15	12.80	74.31	9.5	33.58	8.1	25.3	41.13
F02	21 May 2025	16	12.25	65.26	7.5	33.56	8.0	25.4	39.63
F02	21 May 2025	17	12.03	55.47	6.2	33.57	7.8	25.5	22.59

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F02	21 May 2025	18	11.77	68.23	5.6	33.57	7.8	25.5	6.76
F02	21 May 2025	19	11.54	84.44	5.4	33.58	7.8	25.6	4.02
F02	21 May 2025	20	11.45	88.28	5.2	33.60	7.8	25.6	1.37
F35	20 May 2025	1	17.90	94.61	8.2	33.48	8.1	24.1	0.20
F35	20 May 2025	2	17.87	94.59	8.2	33.48	8.1	24.1	0.21
F35	20 May 2025	3	17.63	94.65	8.2	33.47	8.1	24.2	0.21
F35	20 May 2025	4	17.47	94.96	8.3	33.46	8.1	24.2	0.19
F35	20 May 2025	5	17.33	95.16	8.3	33.45	8.1	24.3	0.19
F35	20 May 2025	6	17.17	95.33	8.3	33.45	8.1	24.3	0.18
F35	20 May 2025	7	16.97	95.39	8.3	33.45	8.1	24.3	0.20
F35	20 May 2025	8	16.41	95.04	8.6	33.46	8.1	24.5	0.26
F35	20 May 2025	9	15.98	94.94	9.2	33.47	8.1	24.6	0.28
F35	20 May 2025	10	15.43	94.60	10.2	33.49	8.2	24.7	0.34
F35	20 May 2025	11	15.14	93.87	10.6	33.49	8.2	24.8	0.42
F35	20 May 2025	12	14.27	93.55	10.1	33.50	8.2	25.0	0.48
F35	20 May 2025	13	13.36	93.00	9.4	33.46	8.1	25.1	0.70
F35	20 May 2025	14	13.17	92.51	8.9	33.43	8.1	25.1	2.84
F35	20 May 2025	15	12.88	85.21	8.4	33.43	8.0	25.2	16.95
F35	20 May 2025	16	12.62	64.78	7.7	33.42	8.0	25.2	15.83
F35	20 May 2025	17	12.58	81.38	7.2	33.41	7.9	25.2	3.11
F35	20 May 2025	18	12.48	89.48	7.1	33.41	7.9	25.3	1.86
F35	20 May 2025	19	12.29	91.67	7.0	33.41	7.9	25.3	1.75
F35	20 May 2025	20	12.14	93.59	6.8	33.42	7.9	25.3	1.65
F35	20 May 2025	21	11.98	94.09	6.6	33.44	7.9	25.4	1.35
F35	20 May 2025	22	11.79	94.58	6.4	33.45	7.9	25.4	1.10
F35	20 May 2025	23	11.60	94.99	6.3	33.48	7.9	25.5	0.90
F35	20 May 2025	24	11.54	95.38	6.1	33.50	7.8	25.5	0.61
F35	20 May 2025	25	11.45	95.96	6.0	33.51	7.8	25.5	0.56
F35	20 May 2025	26	11.39	96.17	5.9	33.51	7.8	25.5	0.53
F35	20 May 2025	27	11.36	96.28	5.8	33.53	7.8	25.6	0.50
F35	20 May 2025	28	11.32	96.38	5.7	33.54	7.8	25.6	0.48
F35	20 May 2025	29	11.22	96.37	5.6	33.54	7.8	25.6	0.47
F35	20 May 2025	30	11.13	96.42	5.4	33.57	7.8	25.6	0.47
F35	20 May 2025	31	11.02	96.56	5.2	33.59	7.8	25.7	0.39
F35	20 May 2025	32	10.99	96.71	5.1	33.60	7.8	25.7	0.35
F35	20 May 2025	33	10.94	96.79	5.1	33.60	7.8	25.7	0.32
F35	20 May 2025	34	10.92	96.79	5.0	33.60	7.8	25.7	0.32
F35	20 May 2025	35	10.84	96.80	5.0	33.61	7.8	25.7	0.31
F35	20 May 2025	36	10.80	96.85	5.0	33.62	7.8	25.7	0.29
F35	20 May 2025	37	10.78	96.86	4.9	33.62	7.8	25.7	0.28
F35	20 May 2025	38	10.76	96.88	4.9	33.63	7.8	25.7	0.27
F35	20 May 2025	39	10.75	96.89	4.8	33.63	7.7	25.8	0.27
F35	20 May 2025	40	10.71	96.89	4.8	33.64	7.7	25.8	0.26
F35	20 May 2025	41	10.67	96.88	4.7	33.65	7.7	25.8	0.25
F35	20 May 2025	42	10.68	96.91	4.7	33.65	7.7	25.8	0.25
F35	20 May 2025	43	10.66	96.94	4.7	33.65	7.7	25.8	0.26
F35	20 May 2025	44	10.62	96.87	4.6	33.66	7.7	25.8	0.26
F35	20 May 2025	45	10.50	96.86	4.6	33.68	7.7	25.8	0.23
F35	20 May 2025	46	10.45	96.99	4.5	33.68	7.7	25.8	0.20
F35	20 May 2025	47	10.44	97.02	4.5	33.69	7.7	25.9	0.20
F35	20 May 2025	48	10.43	97.04	4.5	33.69	7.7	25.9	0.19
F35	20 May 2025	49	10.42	97.04	4.5	33.69	7.7	25.9	0.19
F35	20 May 2025	50	10.41	96.99	4.5	33.69	7.7	25.9	0.19
F35	20 May 2025	51	10.41	97.04	4.4	33.69	7.7	25.9	0.19
F35	20 May 2025	52	10.38	97.04	4.4	33.70	7.7	25.9	0.18
F35	20 May 2025	53	10.36	97.05	4.4	33.70	7.7	25.9	0.18
F35	20 May 2025	54	10.33	97.03	4.3	33.71	7.7	25.9	0.17
F35	20 May 2025	55	10.26	97.07	4.3	33.73	7.7	25.9	0.16
F35	20 May 2025	56	10.22	97.07	4.2	33.74	7.7	25.9	0.16
F35	20 May 2025	57	10.15	97.12	4.2	33.76	7.7	26.0	0.14

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F35	20 May 2025	58	10.11	97.13	4.2	33.76	7.7	26.0	0.13
F35	20 May 2025	59	10.10	97.16	4.1	33.76	7.7	26.0	0.12
F35	20 May 2025	60	10.07	97.13	4.1	33.77	7.7	26.0	0.12
F35	20 May 2025	61	10.05	97.13	4.1	33.77	7.7	26.0	0.11
F35	20 May 2025	62	10.04	97.18	4.1	33.78	7.7	26.0	0.11
F35	20 May 2025	63	10.03	97.17	4.1	33.78	7.7	26.0	0.11
F35	20 May 2025	64	10.01	97.11	4.1	33.79	7.7	26.0	0.11
F35	20 May 2025	65	10.00	97.12	4.0	33.80	7.7	26.0	0.10
F35	20 May 2025	66	10.01	97.09	4.0	33.80	7.7	26.0	0.11
F35	20 May 2025	67	10.02	97.05	4.0	33.81	7.7	26.0	0.12
F35	20 May 2025	68	10.11	96.85	3.8	33.84	7.7	26.0	0.11
F35	20 May 2025	69	10.11	96.14	3.6	33.84	7.6	26.0	0.12
F35	20 May 2025	70	10.13	95.93	3.6	33.86	7.6	26.0	0.13
F35	20 May 2025	71	10.16	95.92	3.4	33.87	7.6	26.0	0.14
F35	20 May 2025	72	10.19	95.15	3.2	33.89	7.6	26.1	0.15
F35	20 May 2025	73	10.10	95.30	3.3	33.89	7.6	26.1	0.13
F35	20 May 2025	74	9.98	96.00	3.6	33.87	7.7	26.1	0.11
F35	20 May 2025	75	9.96	96.46	3.7	33.87	7.7	26.1	0.10
F35	20 May 2025	76	9.95	96.54	3.8	33.87	7.7	26.1	0.10
F35	20 May 2025	77	9.91	96.76	3.9	33.88	7.7	26.1	0.10
F35	20 May 2025	78	9.91	96.90	3.9	33.88	7.7	26.1	0.09
F35	20 May 2025	79	9.88	96.90	3.9	33.89	7.7	26.1	0.09
F35	20 May 2025	80	9.89	96.99	3.9	33.90	7.7	26.1	0.09
F35	20 May 2025	81	9.93	97.05	3.8	33.90	7.7	26.1	0.09
F35	20 May 2025	82	10.01	96.83	3.6	33.93	7.6	26.1	0.10
F35	20 May 2025	83	10.11	96.59	3.4	33.95	7.6	26.1	0.10
F35	20 May 2025	84	10.16	96.03	3.2	33.97	7.6	26.1	0.11
F35	20 May 2025	85	10.17	95.59	3.1	33.97	7.6	26.1	0.12
F35	20 May 2025	86	10.24	95.37	3.0	33.98	7.6	26.1	0.11
F35	20 May 2025	87	10.25	95.07	2.9	33.99	7.6	26.1	0.12
F35	20 May 2025	88	10.27	94.76	2.8	33.99	7.6	26.1	0.12
F35	20 May 2025	89	10.30	94.64	2.7	34.01	7.6	26.1	0.13
F35	20 May 2025	90	10.30	94.20	2.5	34.04	7.6	26.2	0.12
F35	20 May 2025	91	10.29	93.90	2.4	34.05	7.6	26.2	0.11
F35	20 May 2025	92	10.28	93.99	2.4	34.05	7.6	26.2	0.11
F35	20 May 2025	93	10.26	94.10	2.4	34.06	7.6	26.2	0.10
F35	20 May 2025	94	10.23	94.35	2.4	34.09	7.6	26.2	0.09
F35	20 May 2025	95	10.23	94.43	2.3	34.09	7.6	26.2	0.09
F35	20 May 2025	96	10.23	93.26	2.2	34.10	7.6	26.2	0.10
F35	20 May 2025	97	10.23	92.79	2.2	34.10	7.6	26.2	0.10
F35	20 May 2025	98	10.23	92.66	2.2	34.10	7.6	26.2	0.10
F35	20 May 2025	99	10.23	92.20	2.1	34.10	7.6	26.2	0.10
F35	20 May 2025	100	10.23	91.96	2.1	34.10	7.6	26.2	0.10
F24	22 May 2025	1	19.32	93.66	8.3	33.56	8.2	23.8	0.38
F24	22 May 2025	2	19.31	93.66	8.3	33.56	8.2	23.8	0.38
F24	22 May 2025	3	19.28	93.73	8.3	33.57	8.2	23.9	0.39
F24	22 May 2025	4	19.17	90.44	8.3	33.57	8.2	23.9	0.40
F24	22 May 2025	5	19.06	93.79	8.3	33.56	8.2	23.9	0.40
F24	22 May 2025	6	18.91	93.78	8.3	33.56	8.2	23.9	0.40
F24	22 May 2025	7	18.67	94.01	8.4	33.56	8.2	24.0	0.38
F24	22 May 2025	8	18.37	93.97	8.4	33.56	8.2	24.1	0.37
F24	22 May 2025	9	18.23	94.39	8.4	33.54	8.2	24.1	0.35
F24	22 May 2025	10	18.17	94.53	8.4	33.53	8.2	24.1	0.34
F24	22 May 2025	11	17.74	94.59	8.5	33.53	8.2	24.2	0.35
F24	22 May 2025	12	17.26	94.48	8.8	33.52	8.2	24.3	0.40
F24	22 May 2025	13	17.16	94.13	8.8	33.51	8.2	24.3	0.47
F24	22 May 2025	14	16.67	93.73	8.9	33.51	8.2	24.4	0.49
F24	22 May 2025	15	15.71	93.28	9.2	33.49	8.2	24.6	0.54
F24	22 May 2025	16	15.28	93.09	9.4	33.46	8.2	24.7	0.57
F24	22 May 2025	17	14.98	92.99	9.5	33.45	8.2	24.8	0.59

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F24	22 May 2025	18	14.56	93.05	9.4	33.45	8.1	24.9	0.56
F24	22 May 2025	19	14.34	93.16	9.5	33.46	8.1	24.9	0.61
F24	22 May 2025	20	13.90	93.11	9.9	33.47	8.2	25.0	0.77
F24	22 May 2025	21	13.17	92.14	9.6	33.48	8.2	25.2	2.54
F24	22 May 2025	22	12.91	85.55	8.5	33.47	8.1	25.2	7.87
F24	22 May 2025	23	12.55	86.74	7.5	33.48	8.0	25.3	4.09
F24	22 May 2025	24	12.28	91.52	6.9	33.48	7.9	25.4	1.71
F24	22 May 2025	25	12.09	92.53	6.7	33.48	7.9	25.4	1.49
F24	22 May 2025	26	11.88	92.62	6.6	33.50	7.9	25.4	1.53
F24	22 May 2025	27	11.74	92.41	6.4	33.55	7.9	25.5	1.74
F24	22 May 2025	28	11.67	91.68	6.0	33.57	7.8	25.5	2.65
F24	22 May 2025	29	11.44	91.53	5.8	33.57	7.8	25.6	2.34
F24	22 May 2025	30	11.33	92.84	5.7	33.57	7.8	25.6	1.88
F24	22 May 2025	31	11.14	93.77	5.6	33.56	7.8	25.6	1.77
F24	22 May 2025	32	11.06	94.53	5.4	33.57	7.8	25.7	1.27
F24	22 May 2025	33	11.03	95.56	5.3	33.58	7.8	25.7	0.78
F24	22 May 2025	34	10.98	96.02	5.2	33.59	7.8	25.7	0.67
F24	22 May 2025	35	10.94	95.95	5.1	33.60	7.8	25.7	0.50
F24	22 May 2025	36	10.88	96.26	5.0	33.61	7.8	25.7	0.41
F24	22 May 2025	37	10.87	96.47	5.0	33.61	7.8	25.7	0.38
F24	22 May 2025	38	10.86	96.59	4.9	33.62	7.8	25.7	0.37
F24	22 May 2025	39	10.84	96.71	4.9	33.62	7.8	25.7	0.37
F24	22 May 2025	40	10.75	96.71	4.8	33.63	7.8	25.8	0.34
F24	22 May 2025	41	10.72	96.78	4.8	33.64	7.8	25.8	0.32
F24	22 May 2025	42	10.70	96.75	4.7	33.64	7.8	25.8	0.32
F24	22 May 2025	43	10.66	96.76	4.7	33.65	7.8	25.8	0.31
F24	22 May 2025	44	10.64	96.75	4.7	33.66	7.8	25.8	0.29
F24	22 May 2025	45	10.62	96.81	4.6	33.66	7.8	25.8	0.28
F24	22 May 2025	46	10.60	96.77	4.6	33.66	7.8	25.8	0.27
F24	22 May 2025	47	10.59	96.86	4.5	33.67	7.8	25.8	0.27
F24	22 May 2025	48	10.56	96.74	4.5	33.67	7.8	25.8	0.33
F24	22 May 2025	49	10.50	96.73	4.5	33.68	7.7	25.8	0.26
F24	22 May 2025	50	10.49	96.86	4.4	33.68	7.7	25.8	0.25
F24	22 May 2025	51	10.47	96.94	4.4	33.69	7.7	25.8	0.25
F24	22 May 2025	52	10.44	96.96	4.4	33.69	7.7	25.9	0.23
F24	22 May 2025	53	10.43	96.96	4.4	33.70	7.7	25.9	0.26
F24	22 May 2025	54	10.39	96.94	4.3	33.71	7.7	25.9	0.24
F24	22 May 2025	55	10.38	96.93	4.3	33.74	7.7	25.9	0.28
F24	22 May 2025	56	10.41	96.80	4.2	33.76	7.7	25.9	0.33
F24	22 May 2025	57	10.46	96.58	4.1	33.78	7.7	25.9	0.35
F24	22 May 2025	58	10.48	96.56	4.0	33.79	7.7	25.9	0.35
F24	22 May 2025	59	10.49	96.52	3.9	33.80	7.7	25.9	0.34
F24	22 May 2025	60	10.53	96.45	3.8	33.82	7.7	25.9	0.31
F24	22 May 2025	61	10.52	96.31	3.6	33.84	7.7	26.0	0.29
F24	22 May 2025	62	10.48	96.40	3.6	33.84	7.7	26.0	0.28
F24	22 May 2025	63	10.46	96.50	3.6	33.85	7.7	26.0	0.27
F24	22 May 2025	64	10.44	96.46	3.5	33.85	7.7	26.0	0.28
F24	22 May 2025	65	10.43	96.44	3.5	33.86	7.7	26.0	0.28
F24	22 May 2025	66	10.43	96.39	3.5	33.86	7.7	26.0	0.25
F24	22 May 2025	67	10.42	96.12	3.5	33.86	7.7	26.0	0.25
F24	22 May 2025	68	10.42	96.25	3.5	33.87	7.7	26.0	0.23
F24	22 May 2025	69	10.43	96.33	3.4	33.87	7.7	26.0	0.24
F24	22 May 2025	70	10.43	96.38	3.4	33.87	7.7	26.0	0.25
F24	22 May 2025	71	10.42	96.24	3.4	33.88	7.7	26.0	0.22
F24	22 May 2025	72	10.42	95.93	3.3	33.88	7.7	26.0	0.21
F24	22 May 2025	73	10.41	95.82	3.3	33.88	7.7	26.0	0.21
F24	22 May 2025	74	10.41	95.61	3.3	33.88	7.7	26.0	0.20
F24	22 May 2025	75	10.41	95.29	3.2	33.89	7.6	26.0	0.19
F24	22 May 2025	76	10.41	94.41	3.1	33.90	7.6	26.0	0.20
F24	22 May 2025	77	10.41	93.86	3.1	33.90	7.6	26.0	0.19
F24	22 May 2025	78	10.41	93.51	3.0	33.90	7.6	26.0	0.19

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F24	22 May 2025	79	10.41	93.06	3.0	33.91	7.6	26.0	0.18
F24	22 May 2025	80	10.42	92.73	2.9	33.92	7.6	26.0	0.18
F24	22 May 2025	81	10.42	90.64	2.8	33.93	7.6	26.0	0.18
F24	22 May 2025	82	10.42	87.15	2.7	33.93	7.6	26.0	0.20
F24	22 May 2025	83	10.42	86.20	2.7	33.93	7.6	26.0	0.18
F13	21 May 2025	1	19.32	89.90	8.3	33.39	8.1	23.7	0.36
F13	21 May 2025	2	19.29	91.07	8.3	33.54	8.1	23.8	0.37
F13	21 May 2025	3	19.10	92.30	8.3	33.56	8.1	23.9	0.40
F13	21 May 2025	4	18.66	92.51	8.4	33.56	8.2	24.0	0.38
F13	21 May 2025	5	18.52	93.22	8.5	33.56	8.2	24.0	0.38
F13	21 May 2025	6	18.40	93.19	8.5	33.56	8.2	24.1	0.44
F13	21 May 2025	7	18.24	92.90	8.6	33.56	8.2	24.1	0.45
F13	21 May 2025	8	17.92	92.86	8.7	33.56	8.2	24.2	0.48
F13	21 May 2025	9	17.53	92.74	8.8	33.55	8.2	24.3	0.49
F13	21 May 2025	10	17.10	92.64	9.1	33.52	8.2	24.4	0.57
F13	21 May 2025	11	16.84	92.57	9.3	33.52	8.2	24.4	0.61
F13	21 May 2025	12	16.32	92.58	10.4	33.54	8.2	24.6	0.72
F13	21 May 2025	13	16.19	92.15	11.5	33.55	8.3	24.6	0.76
F13	21 May 2025	14	15.91	91.78	12.4	33.58	8.3	24.7	0.79
F13	21 May 2025	15	14.81	90.21	12.6	33.61	8.4	24.9	0.99
F13	21 May 2025	16	13.84	87.62	11.6	33.59	8.3	25.1	1.41
F13	21 May 2025	17	13.13	89.44	10.0	33.58	8.2	25.3	1.78
F13	21 May 2025	18	12.65	89.47	8.2	33.56	8.0	25.3	3.24
F13	21 May 2025	19	12.37	89.07	7.3	33.55	8.0	25.4	5.86
F13	21 May 2025	20	12.03	88.12	6.7	33.56	7.9	25.5	4.12
F13	21 May 2025	21	11.83	88.57	6.3	33.57	7.9	25.5	6.21
F13	21 May 2025	22	11.72	88.08	6.1	33.58	7.8	25.5	4.34
F13	21 May 2025	23	11.67	89.92	5.9	33.59	7.8	25.6	2.34
F13	21 May 2025	24	11.55	91.41	5.7	33.61	7.8	25.6	2.12
F13	21 May 2025	25	11.38	92.59	5.6	33.61	7.8	25.6	1.95
F13	21 May 2025	26	11.29	93.45	5.5	33.61	7.8	25.6	1.87
F13	21 May 2025	27	11.17	93.90	5.4	33.61	7.8	25.7	1.64
F13	21 May 2025	28	11.01	94.30	5.3	33.62	7.8	25.7	1.59
F13	21 May 2025	29	10.90	94.41	5.2	33.62	7.8	25.7	1.38
F13	21 May 2025	30	10.85	94.87	5.1	33.63	7.8	25.7	1.09
F13	21 May 2025	31	10.84	95.16	5.0	33.66	7.8	25.8	1.01
F13	21 May 2025	32	10.83	95.48	4.8	33.67	7.8	25.8	0.86
F13	21 May 2025	33	10.83	95.81	4.8	33.67	7.8	25.8	0.76
F13	21 May 2025	34	10.80	95.56	4.7	33.68	7.8	25.8	0.70
F13	21 May 2025	35	10.78	95.54	4.7	33.69	7.8	25.8	0.63
F13	21 May 2025	36	10.77	95.81	4.6	33.70	7.8	25.8	0.62
F13	21 May 2025	37	10.78	96.04	4.5	33.71	7.8	25.8	0.57
F13	21 May 2025	38	10.78	96.09	4.4	33.73	7.7	25.8	0.59
F13	21 May 2025	39	10.78	96.14	4.3	33.74	7.7	25.8	0.49
F13	21 May 2025	40	10.74	96.07	4.2	33.76	7.7	25.9	0.50
F13	21 May 2025	41	10.70	96.27	4.2	33.76	7.7	25.9	0.45
F13	21 May 2025	42	10.69	96.33	4.1	33.77	7.7	25.9	0.39
F13	21 May 2025	43	10.68	96.35	4.1	33.77	7.7	25.9	0.41
F13	21 May 2025	44	10.67	96.31	4.0	33.77	7.7	25.9	0.42
F13	21 May 2025	45	10.65	96.23	3.9	33.79	7.7	25.9	0.39
F13	21 May 2025	46	10.60	95.99	3.8	33.81	7.7	25.9	0.34
F13	21 May 2025	47	10.58	96.13	3.8	33.81	7.7	25.9	0.32
F13	21 May 2025	48	10.58	96.00	3.7	33.82	7.7	25.9	0.35
F13	21 May 2025	49	10.58	95.81	3.6	33.83	7.7	25.9	0.32
F13	21 May 2025	50	10.52	95.29	3.4	33.83	7.7	25.9	0.33
F13	21 May 2025	51	10.51	92.33	3.2	33.82	7.6	25.9	0.32
F13	21 May 2025	52	10.51	92.39	3.2	33.83	7.6	26.0	0.30
F13	21 May 2025	53	10.51	92.86	3.2	33.83	7.6	26.0	0.30
F13	21 May 2025	54	10.50	92.79	3.2	33.84	7.6	26.0	0.28
F13	21 May 2025	55	10.49	92.26	3.1	33.84	7.6	26.0	0.30

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F13	21 May 2025	56	10.49	90.70	3.0	33.86	7.6	26.0	0.29
F13	21 May 2025	57	10.50	89.46	2.9	33.88	7.6	26.0	0.27
F13	21 May 2025	58	10.50	89.64	2.9	33.88	7.6	26.0	0.27
F13	21 May 2025	59	10.50	89.32	2.8	33.88	7.6	26.0	0.27
F13	21 May 2025	60	10.50	88.96	2.8	33.88	7.6	26.0	0.28
F13	21 May 2025	61	10.50	87.70	2.8	33.89	7.6	26.0	0.28
F36	20 May 2025	1	18.11	94.16	8.3	33.50	8.1	24.1	0.26
F36	20 May 2025	2	17.84	94.20	8.3	33.49	8.1	24.2	0.24
F36	20 May 2025	3	17.67	94.46	8.3	33.48	8.1	24.2	0.20
F36	20 May 2025	4	17.62	94.85	8.4	33.48	8.1	24.2	0.20
F36	20 May 2025	5	17.48	94.89	8.4	33.48	8.1	24.2	0.20
F36	20 May 2025	6	17.31	94.83	8.4	33.47	8.1	24.3	0.22
F36	20 May 2025	7	17.29	94.70	8.4	33.47	8.1	24.3	0.24
F36	20 May 2025	8	17.16	94.73	8.3	33.46	8.1	24.3	0.25
F36	20 May 2025	9	16.96	94.78	8.4	33.46	8.1	24.3	0.30
F36	20 May 2025	10	16.63	94.74	8.9	33.49	8.1	24.4	0.31
F36	20 May 2025	11	15.95	94.61	10.0	33.54	8.2	24.6	0.31
F36	20 May 2025	12	14.94	94.07	10.8	33.55	8.2	24.9	0.42
F36	20 May 2025	13	14.15	93.28	10.8	33.53	8.2	25.0	0.60
F36	20 May 2025	14	13.92	92.22	10.5	33.51	8.2	25.0	0.80
F36	20 May 2025	15	13.70	91.90	10.1	33.52	8.2	25.1	0.80
F36	20 May 2025	16	13.36	91.87	9.6	33.51	8.1	25.2	0.91
F36	20 May 2025	17	13.08	91.89	8.8	33.52	8.1	25.2	1.52
F36	20 May 2025	18	12.45	89.50	7.7	33.50	8.0	25.3	4.78
F36	20 May 2025	19	12.29	87.40	7.0	33.46	7.9	25.3	3.69
F36	20 May 2025	20	12.05	89.97	6.8	33.44	7.9	25.4	2.55
F36	20 May 2025	21	11.92	92.34	6.6	33.44	7.9	25.4	1.33
F36	20 May 2025	22	11.82	93.76	6.5	33.45	7.9	25.4	1.36
F36	20 May 2025	23	11.67	94.57	6.3	33.47	7.9	25.5	1.10
F36	20 May 2025	24	11.48	95.02	6.2	33.48	7.9	25.5	1.00
F36	20 May 2025	25	11.30	95.18	6.0	33.49	7.8	25.5	0.77
F36	20 May 2025	26	11.24	95.56	5.9	33.51	7.8	25.6	0.66
F36	20 May 2025	27	11.19	95.94	5.8	33.52	7.8	25.6	0.54
F36	20 May 2025	28	11.13	96.17	5.7	33.53	7.8	25.6	0.52
F36	20 May 2025	29	11.09	96.27	5.5	33.56	7.8	25.6	0.52
F36	20 May 2025	30	11.03	96.39	5.3	33.58	7.8	25.7	0.41
F36	20 May 2025	31	10.91	96.55	5.1	33.61	7.8	25.7	0.37
F36	20 May 2025	32	10.85	96.54	5.0	33.62	7.8	25.7	0.33
F36	20 May 2025	33	10.83	96.72	4.9	33.62	7.8	25.7	0.30
F36	20 May 2025	34	10.81	96.81	4.9	33.62	7.8	25.7	0.29
F36	20 May 2025	35	10.77	96.82	4.9	33.63	7.8	25.8	0.29
F36	20 May 2025	36	10.73	96.81	4.8	33.64	7.7	25.8	0.28
F36	20 May 2025	37	10.71	96.84	4.8	33.64	7.7	25.8	0.29
F36	20 May 2025	38	10.70	96.87	4.7	33.65	7.7	25.8	0.27
F36	20 May 2025	39	10.69	96.87	4.7	33.65	7.7	25.8	0.26
F36	20 May 2025	40	10.66	96.89	4.6	33.66	7.7	25.8	0.25
F36	20 May 2025	41	10.60	96.85	4.6	33.67	7.7	25.8	0.25
F36	20 May 2025	42	10.57	96.92	4.6	33.67	7.7	25.8	0.23
F36	20 May 2025	43	10.56	96.91	4.5	33.67	7.7	25.8	0.23
F36	20 May 2025	44	10.56	96.93	4.5	33.67	7.7	25.8	0.23
F36	20 May 2025	45	10.49	96.93	4.5	33.68	7.7	25.8	0.23
F36	20 May 2025	46	10.44	96.96	4.5	33.69	7.7	25.9	0.20
F36	20 May 2025	47	10.39	96.97	4.5	33.70	7.7	25.9	0.19
F36	20 May 2025	48	10.38	96.99	4.4	33.70	7.7	25.9	0.18
F36	20 May 2025	49	10.37	96.99	4.4	33.70	7.7	25.9	0.19
F36	20 May 2025	50	10.34	97.01	4.3	33.71	7.7	25.9	0.19
F36	20 May 2025	51	10.29	97.04	4.3	33.72	7.7	25.9	0.18
F36	20 May 2025	52	10.23	97.05	4.2	33.73	7.7	25.9	0.16
F36	20 May 2025	53	10.17	97.07	4.2	33.75	7.7	26.0	0.15
F36	20 May 2025	54	10.10	97.06	4.2	33.77	7.7	26.0	0.14

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F36	20 May 2025	55	10.08	97.08	4.1	33.78	7.7	26.0	0.14
F36	20 May 2025	56	10.18	97.01	3.9	33.83	7.7	26.0	0.14
F36	20 May 2025	57	10.25	96.46	3.6	33.85	7.6	26.0	0.14
F36	20 May 2025	58	10.28	95.96	3.5	33.86	7.6	26.0	0.17
F36	20 May 2025	59	10.36	95.68	3.3	33.88	7.6	26.0	0.18
F36	20 May 2025	60	10.42	95.73	3.2	33.89	7.6	26.0	0.17
F36	20 May 2025	61	10.40	95.84	3.2	33.89	7.6	26.0	0.17
F36	20 May 2025	62	10.40	95.86	3.2	33.89	7.6	26.0	0.17
F36	20 May 2025	63	10.42	95.83	3.2	33.90	7.6	26.0	0.18
F36	20 May 2025	64	10.43	95.83	3.2	33.90	7.6	26.0	0.19
F36	20 May 2025	65	10.43	95.67	3.2	33.90	7.6	26.0	0.18
F36	20 May 2025	66	10.43	95.87	3.1	33.91	7.6	26.0	0.19
F36	20 May 2025	67	10.42	95.97	3.1	33.91	7.6	26.0	0.17
F36	20 May 2025	68	10.41	96.10	3.1	33.91	7.6	26.0	0.17
F36	20 May 2025	69	10.40	96.19	3.1	33.91	7.6	26.0	0.19
F36	20 May 2025	70	10.39	96.20	3.1	33.91	7.6	26.0	0.18
F36	20 May 2025	71	10.38	96.10	3.1	33.91	7.6	26.0	0.17
F36	20 May 2025	72	10.36	96.06	3.0	33.92	7.6	26.0	0.16
F36	20 May 2025	73	10.36	95.83	2.9	33.92	7.6	26.0	0.13
F36	20 May 2025	74	10.36	95.53	2.9	33.92	7.6	26.0	0.13
F36	20 May 2025	75	10.37	95.47	2.9	33.92	7.6	26.0	0.13
F36	20 May 2025	76	10.37	95.40	2.9	33.92	7.6	26.0	0.16
F36	20 May 2025	77	10.39	95.30	2.9	33.92	7.6	26.0	0.14
F36	20 May 2025	78	10.42	94.86	2.8	33.94	7.6	26.0	0.16
F36	20 May 2025	79	10.42	93.82	2.8	33.94	7.6	26.1	0.18
F36	20 May 2025	80	10.43	93.35	2.8	33.94	7.6	26.1	0.18
F36	20 May 2025	81	10.43	93.06	2.8	33.94	7.6	26.1	0.17
F36	20 May 2025	82	10.42	92.85	2.7	33.94	7.6	26.1	0.18
F36	20 May 2025	83	10.42	92.39	2.7	33.95	7.6	26.1	0.19
F36	20 May 2025	84	10.42	92.15	2.7	33.95	7.6	26.1	0.23
F36	20 May 2025	85	10.41	91.94	2.7	33.95	7.6	26.1	0.18
F36	20 May 2025	86	10.39	92.10	2.7	33.95	7.6	26.1	0.16
F36	20 May 2025	87	10.37	92.53	2.7	33.95	7.6	26.1	0.16
F36	20 May 2025	88	10.36	93.16	2.6	33.97	7.6	26.1	0.14
F36	20 May 2025	89	10.35	93.09	2.6	33.98	7.6	26.1	0.14
F36	20 May 2025	90	10.28	93.14	2.5	34.03	7.6	26.1	0.13
F36	20 May 2025	91	10.21	93.61	2.5	34.07	7.6	26.2	0.10
F36	20 May 2025	92	10.19	94.41	2.4	34.08	7.6	26.2	0.09
F36	20 May 2025	93	10.20	94.42	2.4	34.08	7.6	26.2	0.09
F36	20 May 2025	94	10.19	94.20	2.4	34.08	7.6	26.2	0.09
F36	20 May 2025	95	10.19	93.59	2.4	34.08	7.6	26.2	0.09
F36	20 May 2025	96	10.19	94.19	2.4	34.08	7.6	26.2	0.09
F36	20 May 2025	97	10.19	94.01	2.3	34.09	7.6	26.2	0.09
F36	20 May 2025	98	10.19	93.66	2.3	34.09	7.6	26.2	0.11
F36	20 May 2025	99	10.19	93.49	2.3	34.09	7.6	26.2	0.10
F25	22 May 2025	1	19.47	93.11	8.2	33.58	8.2	23.8	0.40
F25	22 May 2025	2	19.46	92.49	8.2	33.58	8.2	23.8	0.41
F25	22 May 2025	3	19.46	92.67	8.2	33.58	8.2	23.8	0.43
F25	22 May 2025	4	19.45	92.98	8.2	33.58	8.2	23.8	0.45
F25	22 May 2025	5	19.15	93.13	8.3	33.58	8.2	23.9	0.43
F25	22 May 2025	6	18.67	93.23	8.4	33.57	8.2	24.0	0.40
F25	22 May 2025	7	18.38	93.75	8.4	33.56	8.2	24.1	0.37
F25	22 May 2025	8	18.16	94.10	8.5	33.56	8.2	24.1	0.34
F25	22 May 2025	9	17.97	94.22	8.5	33.55	8.2	24.2	0.33
F25	22 May 2025	10	17.87	94.36	8.5	33.54	8.2	24.2	0.33
F25	22 May 2025	11	17.80	94.41	8.5	33.53	8.2	24.2	0.34
F25	22 May 2025	12	17.59	94.44	8.6	33.53	8.2	24.2	0.34
F25	22 May 2025	13	17.38	94.36	8.7	33.52	8.2	24.3	0.40
F25	22 May 2025	14	17.01	94.17	8.8	33.52	8.2	24.4	0.43
F25	22 May 2025	15	16.58	93.52	9.1	33.49	8.2	24.5	0.49

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F25	22 May 2025	16	15.89	93.51	9.2	33.49	8.2	24.6	0.55
F25	22 May 2025	17	15.50	93.15	9.3	33.47	8.2	24.7	0.54
F25	22 May 2025	18	15.21	93.08	9.3	33.45	8.2	24.7	0.56
F25	22 May 2025	19	15.02	92.98	9.3	33.45	8.1	24.8	0.59
F25	22 May 2025	20	14.49	92.90	9.3	33.46	8.1	24.9	0.67
F25	22 May 2025	21	14.18	92.57	9.2	33.45	8.1	25.0	0.69
F25	22 May 2025	22	13.55	92.42	8.9	33.49	8.1	25.1	1.04
F25	22 May 2025	23	12.78	91.24	8.3	33.48	8.0	25.3	2.62
F25	22 May 2025	24	12.73	89.27	7.9	33.47	8.0	25.3	2.69
F25	22 May 2025	25	12.56	88.86	7.5	33.47	8.0	25.3	5.45
F25	22 May 2025	26	12.38	85.60	7.0	33.48	7.9	25.3	9.06
F25	22 May 2025	27	11.86	89.09	6.5	33.51	7.9	25.5	1.95
F25	22 May 2025	28	11.76	92.07	6.3	33.51	7.9	25.5	1.63
F25	22 May 2025	29	11.60	92.70	6.3	33.54	7.9	25.5	1.61
F25	22 May 2025	30	11.49	92.72	6.3	33.55	7.9	25.6	2.11
F25	22 May 2025	31	11.56	91.37	6.1	33.59	7.9	25.6	2.98
F25	22 May 2025	32	11.59	89.28	5.6	33.62	7.8	25.6	3.77
F25	22 May 2025	33	11.54	89.48	5.4	33.63	7.8	25.6	3.33
F25	22 May 2025	34	11.52	89.92	5.3	33.62	7.8	25.6	2.87
F25	22 May 2025	35	11.39	90.31	5.2	33.62	7.8	25.6	2.95
F25	22 May 2025	36	11.32	91.55	5.3	33.61	7.8	25.6	2.23
F25	22 May 2025	37	11.19	92.45	5.3	33.62	7.8	25.7	1.94
F25	22 May 2025	38	11.10	93.26	5.3	33.61	7.8	25.7	1.81
F25	22 May 2025	39	11.02	93.55	5.2	33.61	7.8	25.7	1.39
F25	22 May 2025	40	10.95	94.11	5.2	33.61	7.8	25.7	1.25
F25	22 May 2025	41	10.75	94.39	5.0	33.62	7.8	25.7	0.87
F25	22 May 2025	42	10.71	95.72	4.8	33.63	7.8	25.8	0.40
F25	22 May 2025	43	10.63	96.42	4.7	33.65	7.8	25.8	0.38
F25	22 May 2025	44	10.51	96.58	4.6	33.67	7.8	25.8	0.31
F25	22 May 2025	45	10.52	96.62	4.6	33.67	7.8	25.8	0.34
F25	22 May 2025	46	10.62	96.52	4.3	33.74	7.7	25.9	0.37
F25	22 May 2025	47	10.69	96.30	3.9	33.78	7.7	25.9	0.41
F25	22 May 2025	48	10.68	95.75	3.7	33.80	7.7	25.9	0.39
F25	22 May 2025	49	10.65	95.72	3.6	33.80	7.7	25.9	0.40
F25	22 May 2025	50	10.64	95.74	3.5	33.80	7.7	25.9	0.37
F25	22 May 2025	51	10.62	95.60	3.5	33.81	7.7	25.9	0.36
F25	22 May 2025	52	10.56	95.51	3.5	33.80	7.7	25.9	0.33
F25	22 May 2025	53	10.54	95.34	3.5	33.80	7.7	25.9	0.31
F25	22 May 2025	54	10.52	95.12	3.5	33.81	7.7	25.9	0.29
F25	22 May 2025	55	10.51	94.45	3.4	33.81	7.7	25.9	0.28
F25	22 May 2025	56	10.49	94.08	3.3	33.81	7.7	25.9	0.28
F25	22 May 2025	57	10.48	93.90	3.3	33.81	7.7	25.9	0.29
F25	22 May 2025	58	10.46	93.74	3.2	33.82	7.6	25.9	0.28
F25	22 May 2025	59	10.47	93.56	3.2	33.82	7.6	26.0	0.27
F25	22 May 2025	60	10.50	93.45	3.1	33.85	7.6	26.0	0.27
F25	22 May 2025	61	10.52	93.66	3.0	33.86	7.6	26.0	0.29
F25	22 May 2025	62	10.52	94.23	3.0	33.86	7.6	26.0	0.29
F25	22 May 2025	63	10.52	94.24	3.0	33.87	7.6	26.0	0.29
F25	22 May 2025	64	10.51	94.05	2.9	33.87	7.6	26.0	0.29
F25	22 May 2025	65	10.51	94.10	2.9	33.87	7.6	26.0	0.28
F25	22 May 2025	66	10.50	94.00	2.9	33.87	7.6	26.0	0.28
F25	22 May 2025	67	10.50	93.76	2.9	33.87	7.6	26.0	0.27
F25	22 May 2025	68	10.49	93.72	2.8	33.88	7.6	26.0	0.26
F25	22 May 2025	69	10.47	93.38	2.8	33.87	7.6	26.0	0.26
F25	22 May 2025	70	10.46	92.79	2.8	33.88	7.6	26.0	0.25
F25	22 May 2025	71	10.45	91.58	2.7	33.89	7.6	26.0	0.24
F25	22 May 2025	72	10.45	91.03	2.6	33.90	7.6	26.0	0.23
F25	22 May 2025	73	10.45	91.41	2.6	33.90	7.6	26.0	0.23
F25	22 May 2025	74	10.43	91.82	2.7	33.91	7.6	26.0	0.22
F25	22 May 2025	75	10.41	92.18	2.7	33.92	7.6	26.0	0.19
F25	22 May 2025	76	10.40	92.37	2.7	33.92	7.6	26.0	0.17

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F25	22 May 2025	77	10.40	92.16	2.7	33.92	7.6	26.0	0.15
F25	22 May 2025	78	10.40	91.92	2.7	33.92	7.6	26.0	0.16
F25	22 May 2025	79	10.39	91.74	2.7	33.93	7.6	26.0	0.15
F25	22 May 2025	80	10.40	91.47	2.7	33.92	7.6	26.0	0.16
F14	21 May 2025	1	19.27	92.92	8.3	33.55	8.1	23.8	0.41
F14	21 May 2025	2	19.24	93.01	8.3	33.55	8.1	23.9	0.42
F14	21 May 2025	3	19.06	93.08	8.3	33.55	8.1	23.9	0.43
F14	21 May 2025	4	18.83	93.02	8.4	33.56	8.2	24.0	0.48
F14	21 May 2025	5	18.57	92.92	8.5	33.55	8.2	24.0	0.51
F14	21 May 2025	6	18.53	92.97	8.5	33.55	8.2	24.0	0.47
F14	21 May 2025	7	18.46	93.01	8.5	33.55	8.2	24.0	0.44
F14	21 May 2025	8	18.30	93.41	8.5	33.55	8.2	24.1	0.44
F14	21 May 2025	9	18.08	93.38	8.6	33.55	8.2	24.1	0.51
F14	21 May 2025	10	17.44	92.93	8.9	33.56	8.2	24.3	0.65
F14	21 May 2025	11	16.78	92.27	9.4	33.53	8.2	24.4	0.75
F14	21 May 2025	12	16.58	91.80	10.7	33.54	8.2	24.5	0.86
F14	21 May 2025	13	16.48	90.98	12.1	33.55	8.3	24.5	0.92
F14	21 May 2025	14	16.01	90.79	13.8	33.59	8.4	24.7	0.91
F14	21 May 2025	15	15.31	89.86	14.3	33.55	8.4	24.8	1.81
F14	21 May 2025	16	14.94	87.72	12.6	33.60	8.4	24.9	2.37
F14	21 May 2025	17	13.76	87.11	11.1	33.57	8.3	25.1	2.39
F14	21 May 2025	18	13.36	87.10	10.0	33.56	8.2	25.2	2.54
F14	21 May 2025	19	13.18	87.69	9.4	33.55	8.1	25.2	3.24
F14	21 May 2025	20	12.82	87.52	9.0	33.56	8.1	25.3	3.76
F14	21 May 2025	21	12.81	87.40	8.6	33.55	8.1	25.3	3.89
F14	21 May 2025	22	12.25	87.70	7.9	33.57	8.0	25.4	4.78
F14	21 May 2025	23	11.83	84.75	6.8	33.58	7.9	25.5	8.16
F14	21 May 2025	24	11.65	83.26	6.0	33.59	7.8	25.6	5.75
F14	21 May 2025	25	11.35	90.14	5.8	33.60	7.8	25.6	3.72
F14	21 May 2025	26	11.09	93.22	5.5	33.61	7.8	25.7	1.69
F14	21 May 2025	27	10.98	94.27	5.3	33.62	7.8	25.7	1.33
F14	21 May 2025	28	10.94	94.53	5.2	33.63	7.8	25.7	1.08
F14	21 May 2025	29	10.89	95.01	5.1	33.65	7.8	25.7	0.93
F14	21 May 2025	30	10.89	95.28	4.9	33.66	7.8	25.8	0.80
F14	21 May 2025	31	10.89	95.58	4.8	33.68	7.8	25.8	0.82
F14	21 May 2025	32	10.90	95.66	4.7	33.69	7.8	25.8	0.76
F14	21 May 2025	33	10.92	95.79	4.6	33.70	7.8	25.8	0.69
F14	21 May 2025	34	10.91	95.88	4.5	33.71	7.8	25.8	0.62
F14	21 May 2025	35	10.91	95.95	4.5	33.72	7.7	25.8	0.61
F14	21 May 2025	36	10.90	95.83	4.4	33.73	7.7	25.8	0.76
F14	21 May 2025	37	10.88	96.08	4.3	33.73	7.7	25.8	0.55
F14	21 May 2025	38	10.86	95.60	4.3	33.74	7.7	25.8	0.62
F14	21 May 2025	39	10.84	95.99	4.2	33.74	7.7	25.8	0.55
F14	21 May 2025	40	10.81	96.18	4.2	33.75	7.7	25.8	0.46
F14	21 May 2025	41	10.71	96.12	4.1	33.76	7.7	25.9	0.46
F14	21 May 2025	42	10.68	96.21	4.0	33.78	7.7	25.9	0.41
F14	21 May 2025	43	10.67	95.76	3.7	33.79	7.7	25.9	0.36
F14	21 May 2025	44	10.61	95.24	3.6	33.79	7.7	25.9	0.38
F14	21 May 2025	45	10.61	94.41	3.5	33.79	7.7	25.9	0.41
F14	21 May 2025	46	10.55	94.09	3.5	33.80	7.7	25.9	0.43
F14	21 May 2025	47	10.54	93.96	3.4	33.80	7.7	25.9	0.45
F14	21 May 2025	48	10.52	93.69	3.4	33.80	7.7	25.9	0.47
F14	21 May 2025	49	10.50	93.53	3.4	33.80	7.7	25.9	0.43
F14	21 May 2025	50	10.48	93.22	3.3	33.80	7.7	25.9	0.40
F14	21 May 2025	51	10.48	92.83	3.3	33.80	7.6	25.9	0.41
F14	21 May 2025	52	10.48	92.49	3.2	33.80	7.6	25.9	0.40
F14	21 May 2025	53	10.47	92.13	3.2	33.81	7.6	25.9	0.39
F14	21 May 2025	54	10.48	92.11	3.2	33.81	7.6	25.9	0.39
F14	21 May 2025	55	10.51	92.14	3.2	33.83	7.6	25.9	0.37
F14	21 May 2025	56	10.51	92.96	3.2	33.83	7.6	25.9	0.37

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F14	21 May 2025	57	10.48	93.00	3.0	33.85	7.6	26.0	0.34
F14	21 May 2025	58	10.46	90.92	2.8	33.88	7.6	26.0	0.30
F14	21 May 2025	59	10.46	88.17	2.6	33.89	7.6	26.0	0.27
F14	21 May 2025	60	10.46	86.40	2.5	33.90	7.6	26.0	0.25
F03	21 May 2025	1	18.57	88.25	10.3	33.61	8.3	24.1	0.77
F03	21 May 2025	2	18.55	88.16	10.3	33.61	8.3	24.1	0.80
F03	21 May 2025	3	18.52	88.16	10.4	33.60	8.3	24.1	0.85
F03	21 May 2025	4	18.45	88.41	10.4	33.61	8.3	24.1	0.89
F03	21 May 2025	5	18.13	88.76	10.8	33.61	8.3	24.2	0.81
F03	21 May 2025	6	17.81	88.03	11.2	33.62	8.3	24.3	0.81
F03	21 May 2025	7	17.50	87.63	11.7	33.61	8.4	24.3	0.87
F03	21 May 2025	8	17.08	87.38	12.2	33.62	8.4	24.4	1.11
F03	21 May 2025	9	16.30	79.00	12.7	33.62	8.4	24.6	29.54
F03	21 May 2025	10	15.18	60.27	12.0	33.63	8.4	24.9	23.79
F03	21 May 2025	11	14.11	69.56	10.5	33.62	8.2	25.1	12.23
F03	21 May 2025	12	13.67	75.47	9.6	33.59	8.1	25.2	10.00
F03	21 May 2025	13	12.91	76.78	8.0	33.59	8.0	25.3	12.57
F03	21 May 2025	14	12.56	75.45	6.6	33.60	7.9	25.4	15.79
F03	21 May 2025	15	12.29	71.92	5.8	33.60	7.8	25.4	19.53
F03	21 May 2025	16	12.09	67.99	5.4	33.60	7.8	25.5	24.32
F03	21 May 2025	17	12.09	64.91	5.1	33.60	7.8	25.5	25.55
F03	21 May 2025	18	11.93	65.89	4.8	33.62	7.7	25.5	22.66
F03	21 May 2025	19	11.85	68.16	4.5	33.66	7.7	25.6	17.98

NA = not available

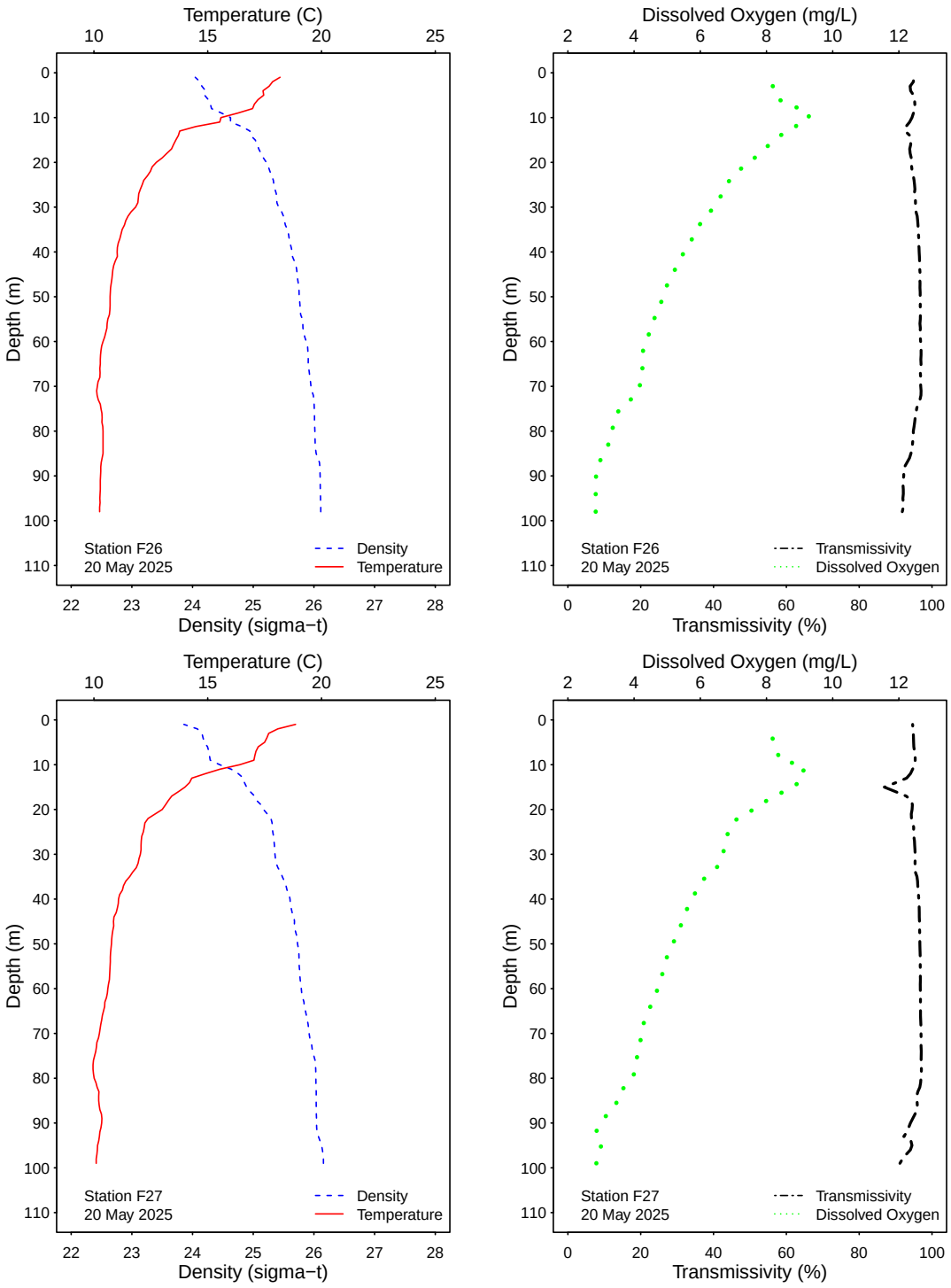

Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

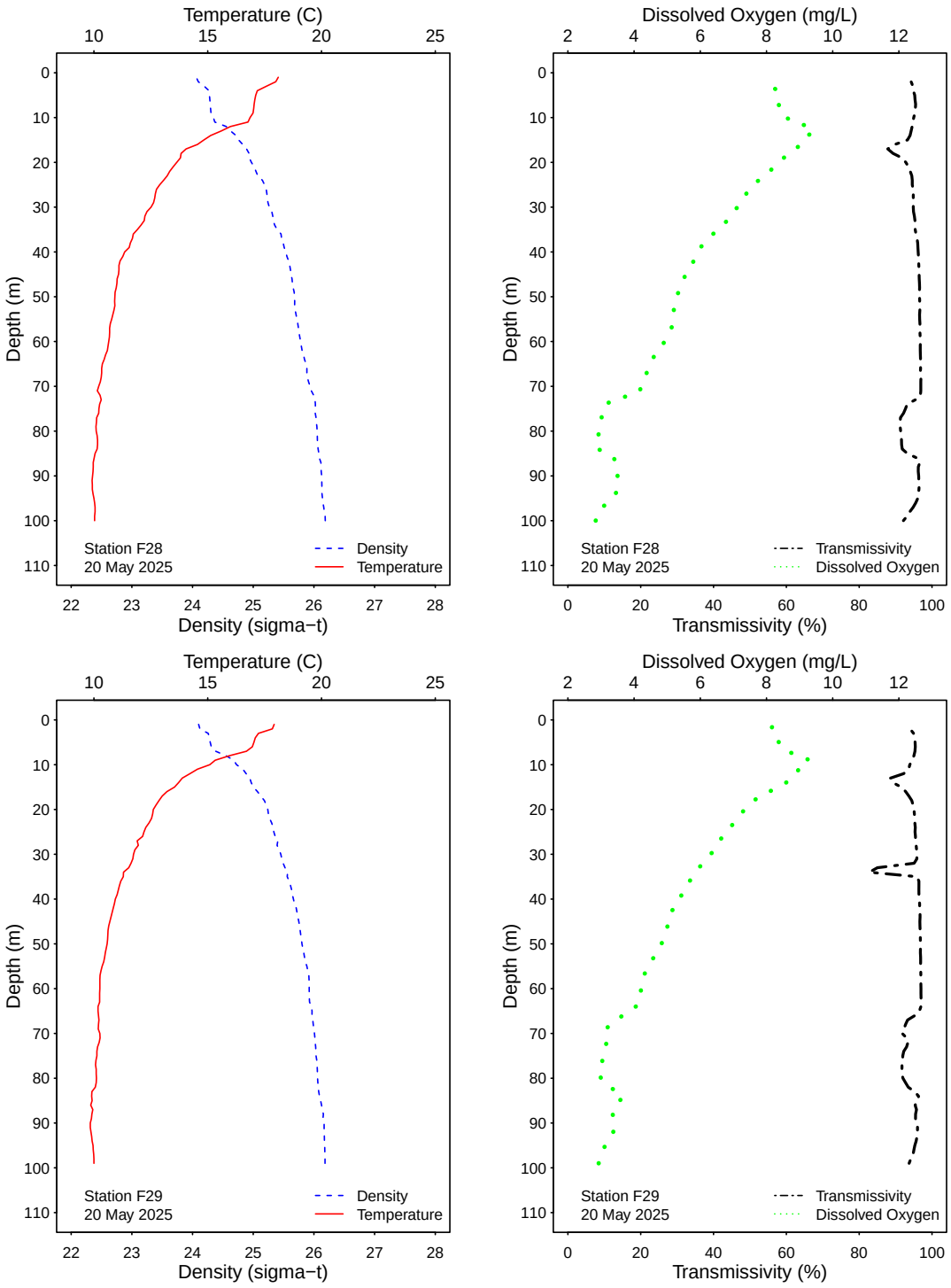

Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

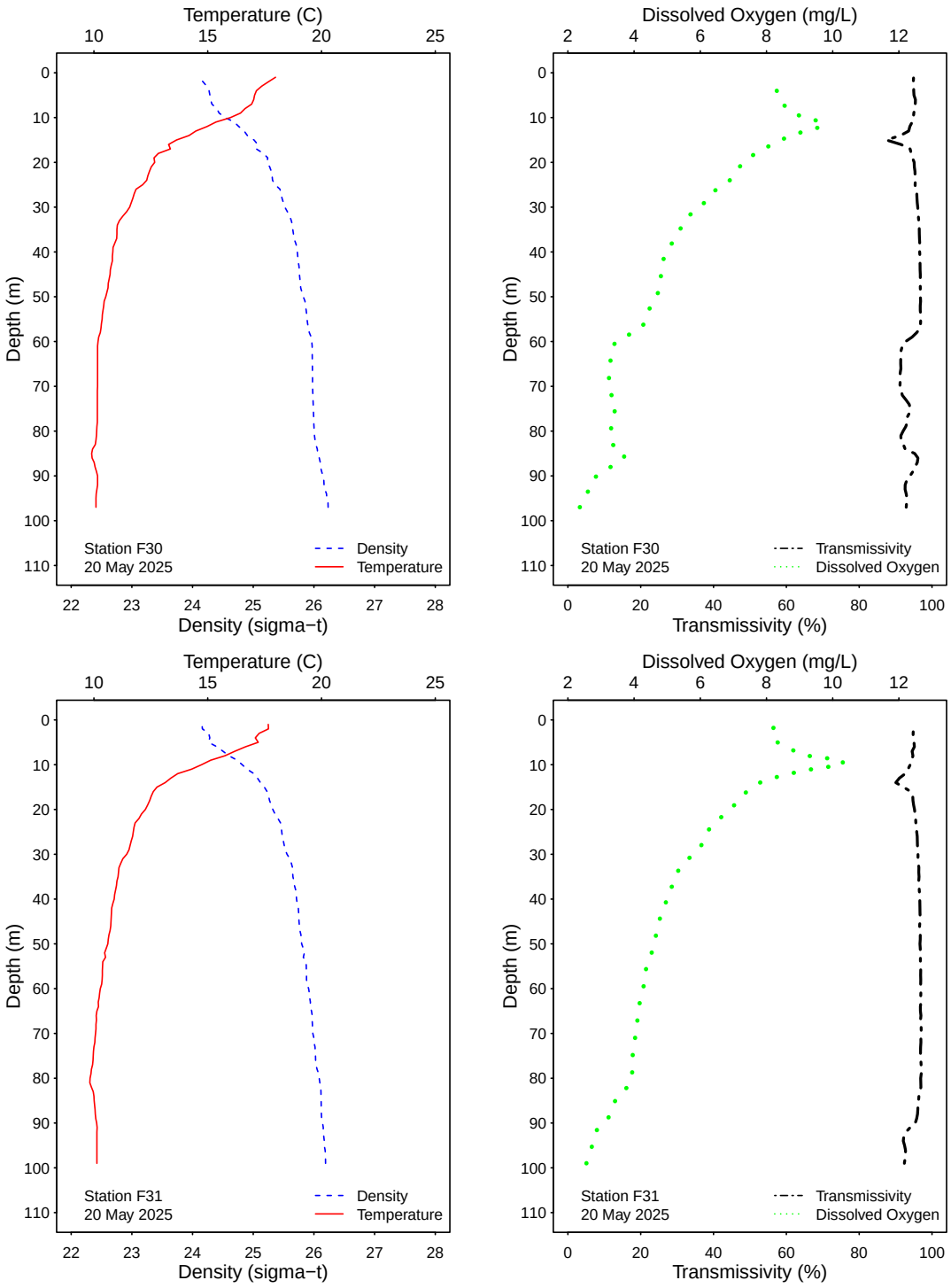

Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

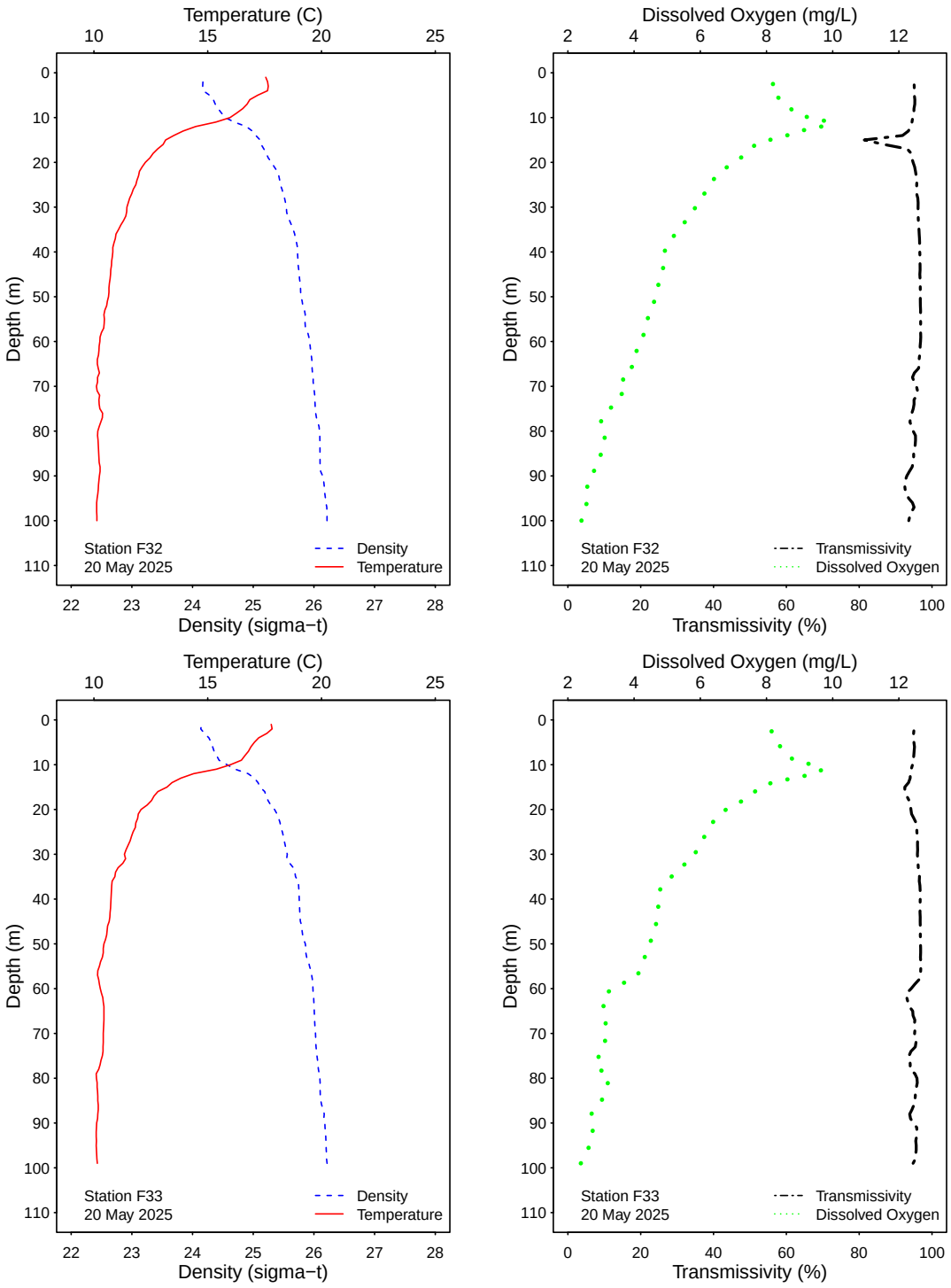

Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

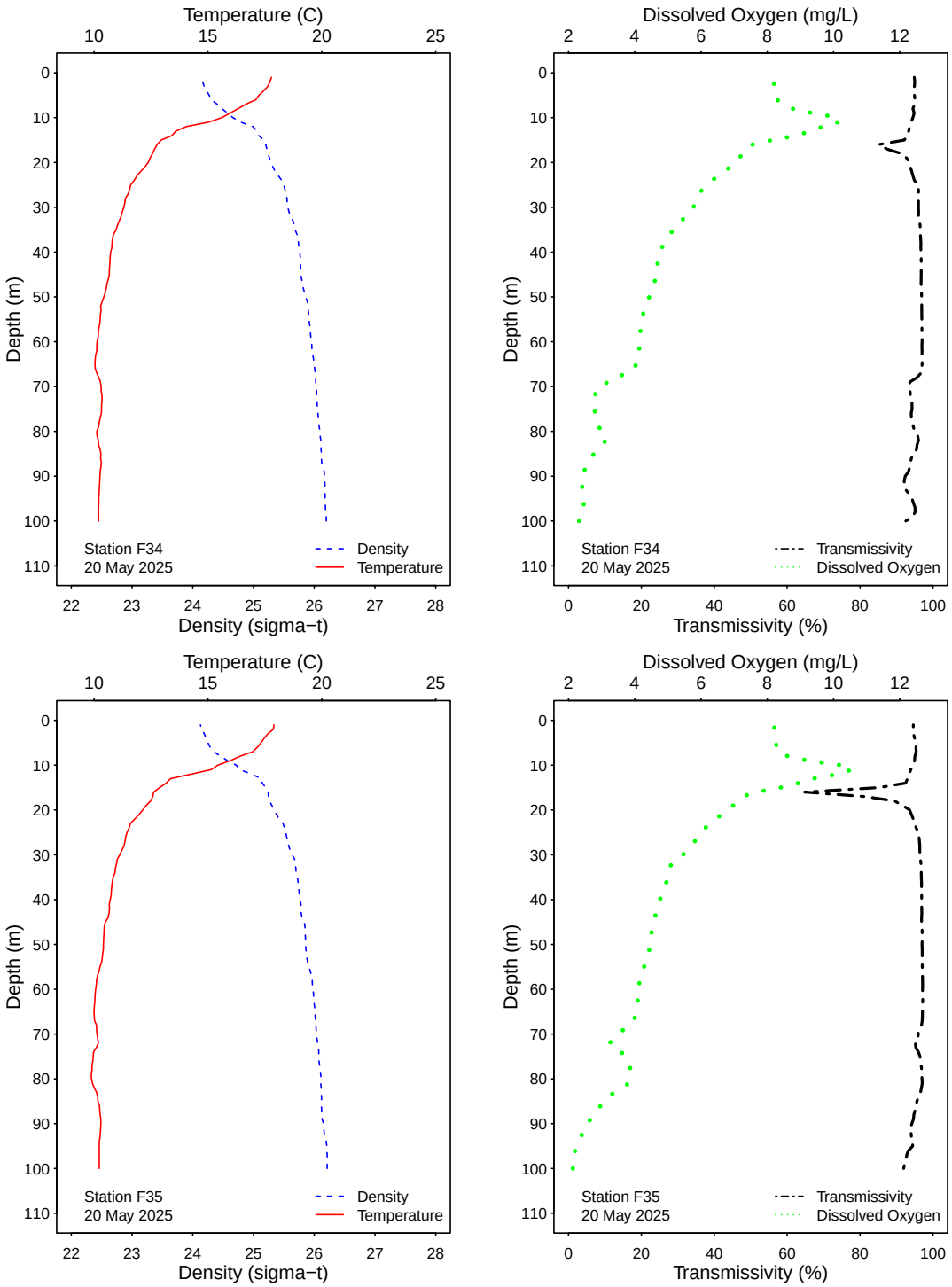

Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

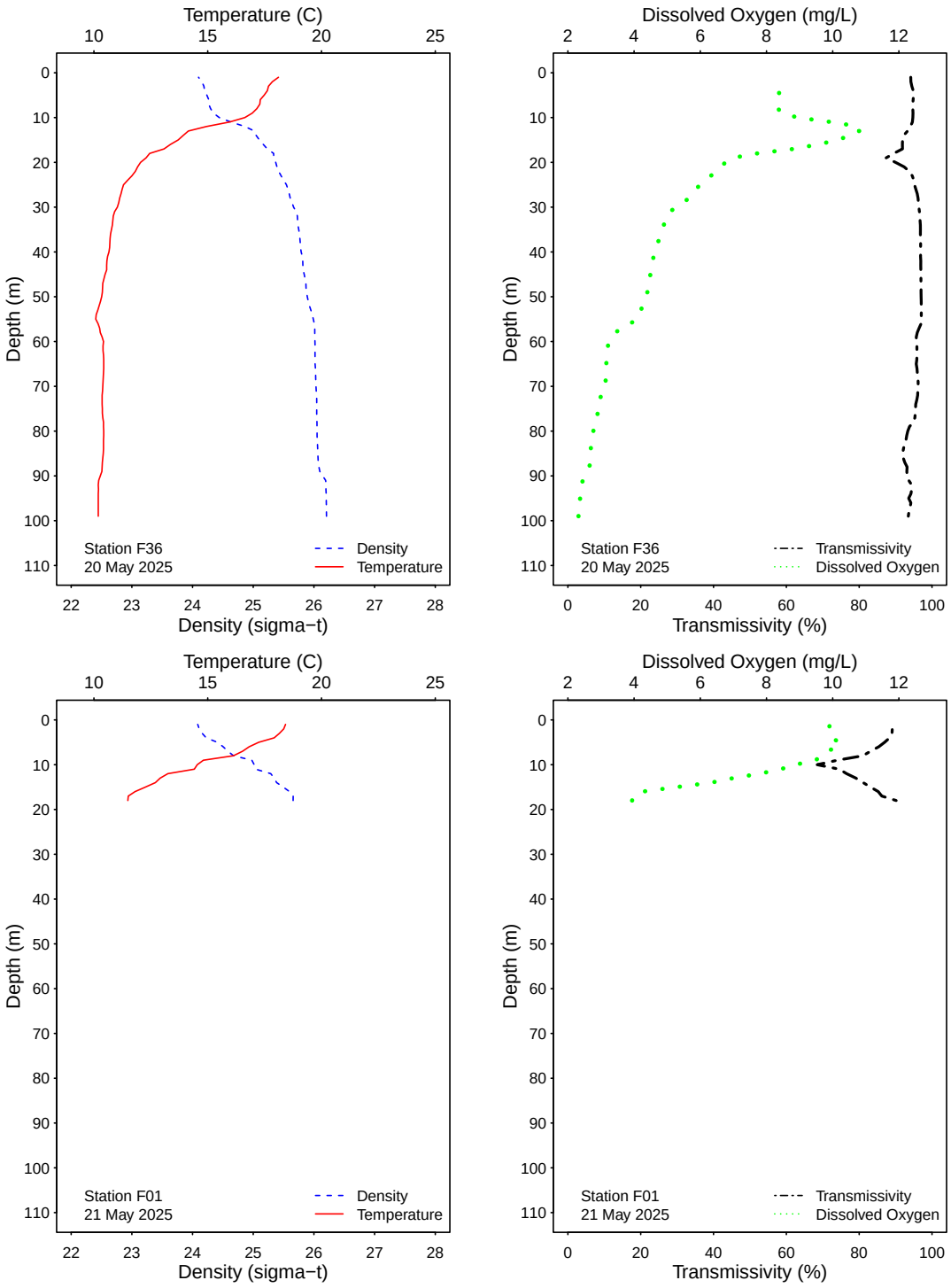

Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

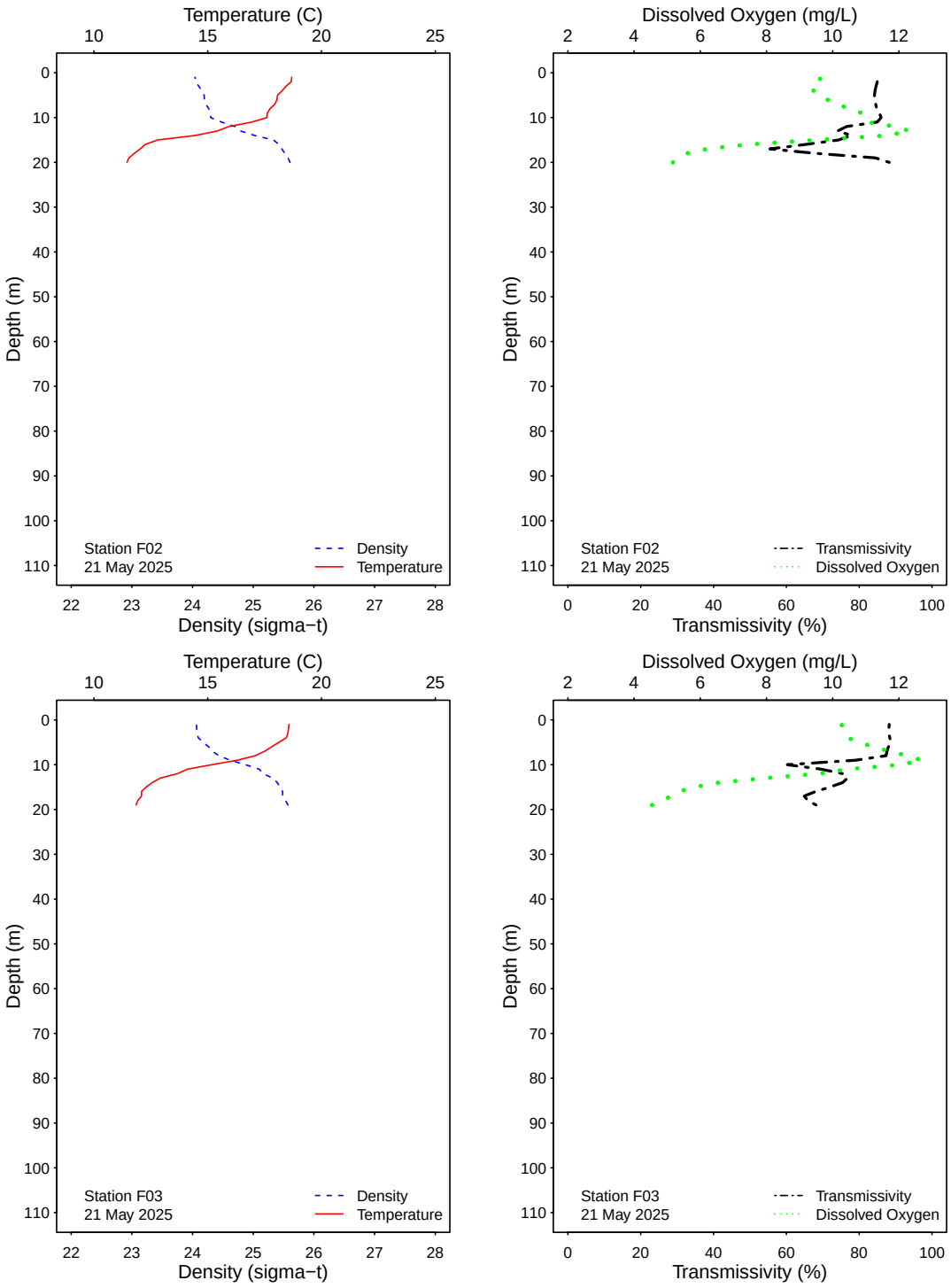

Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

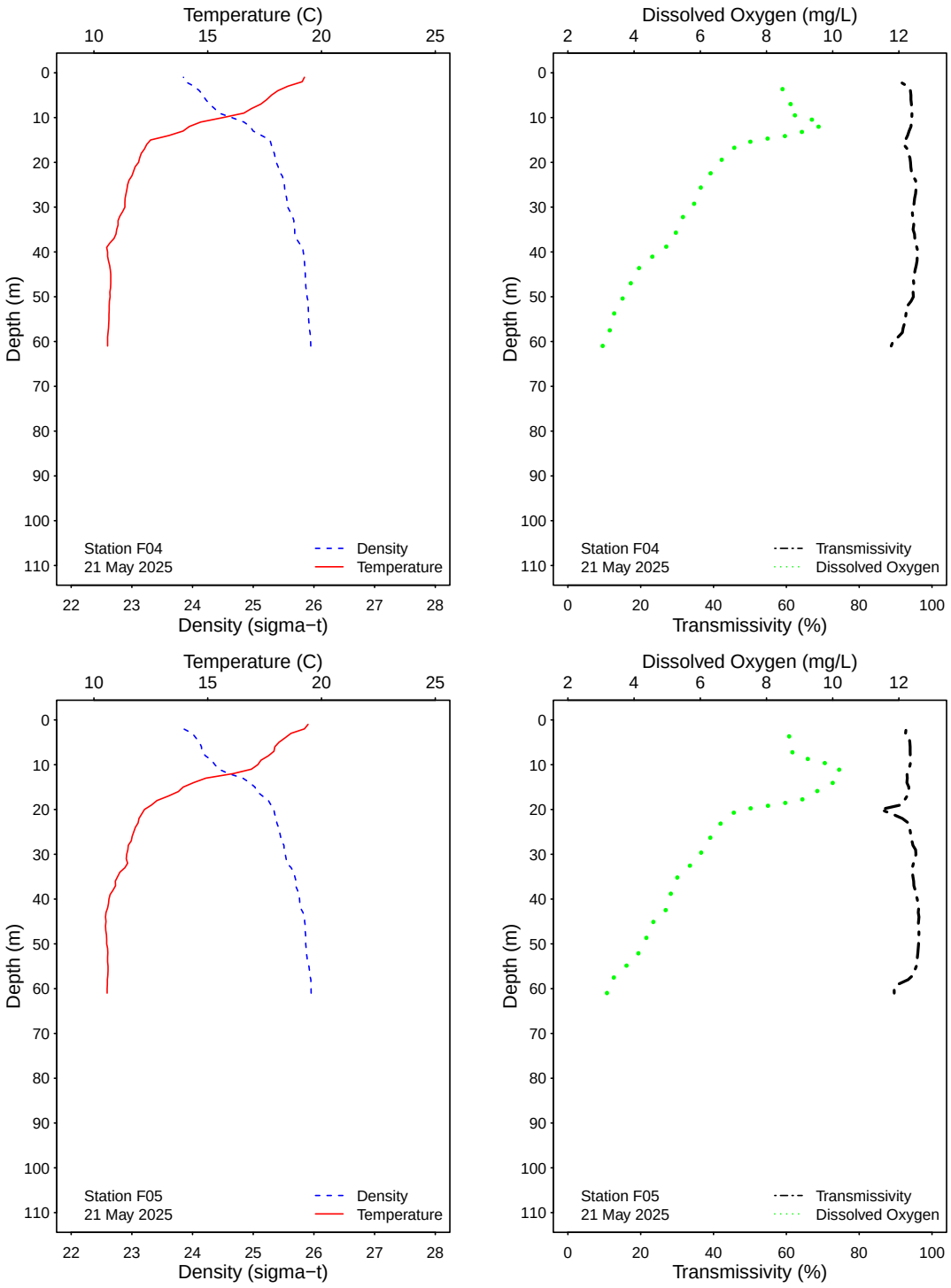

Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

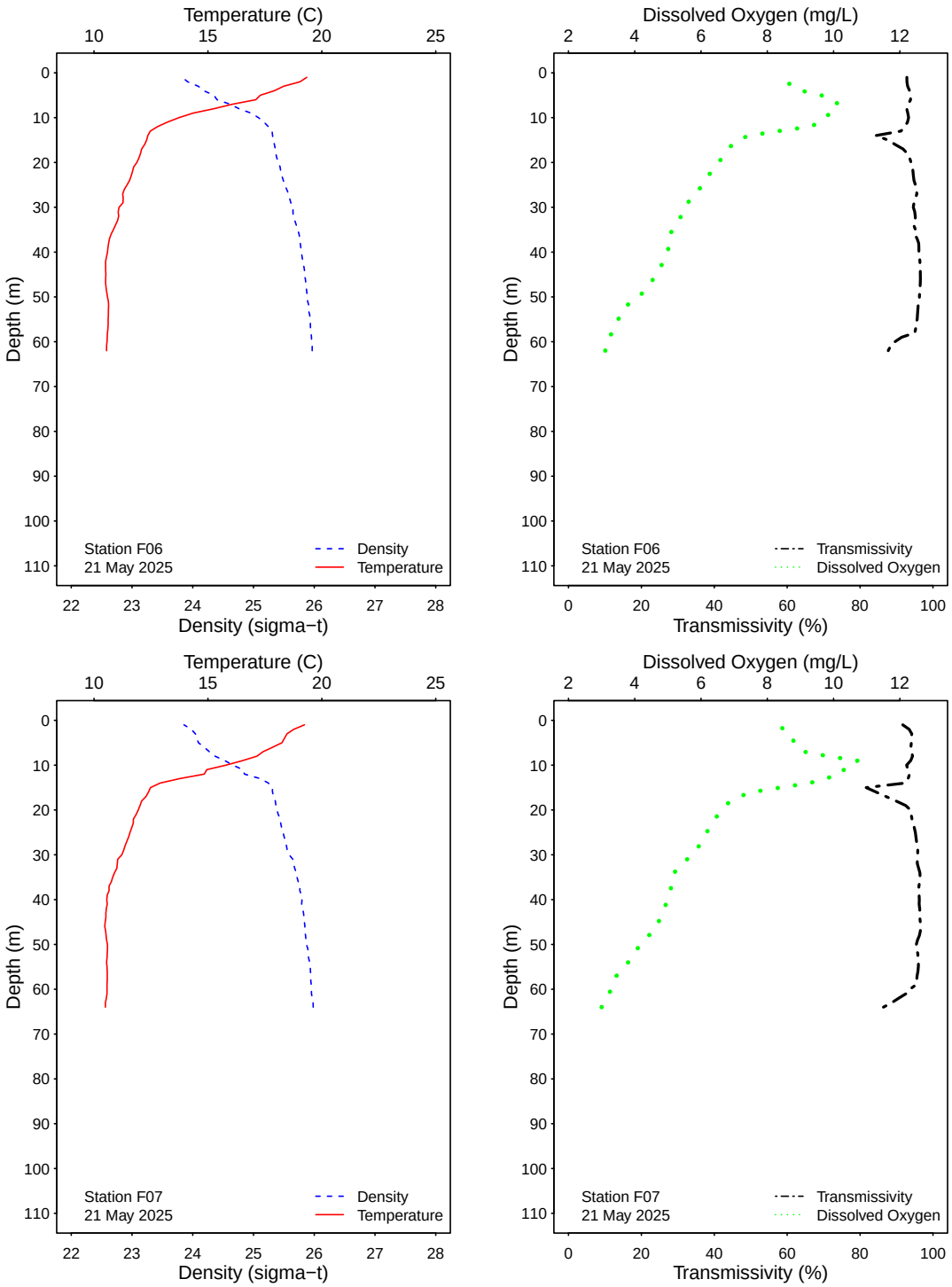

Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

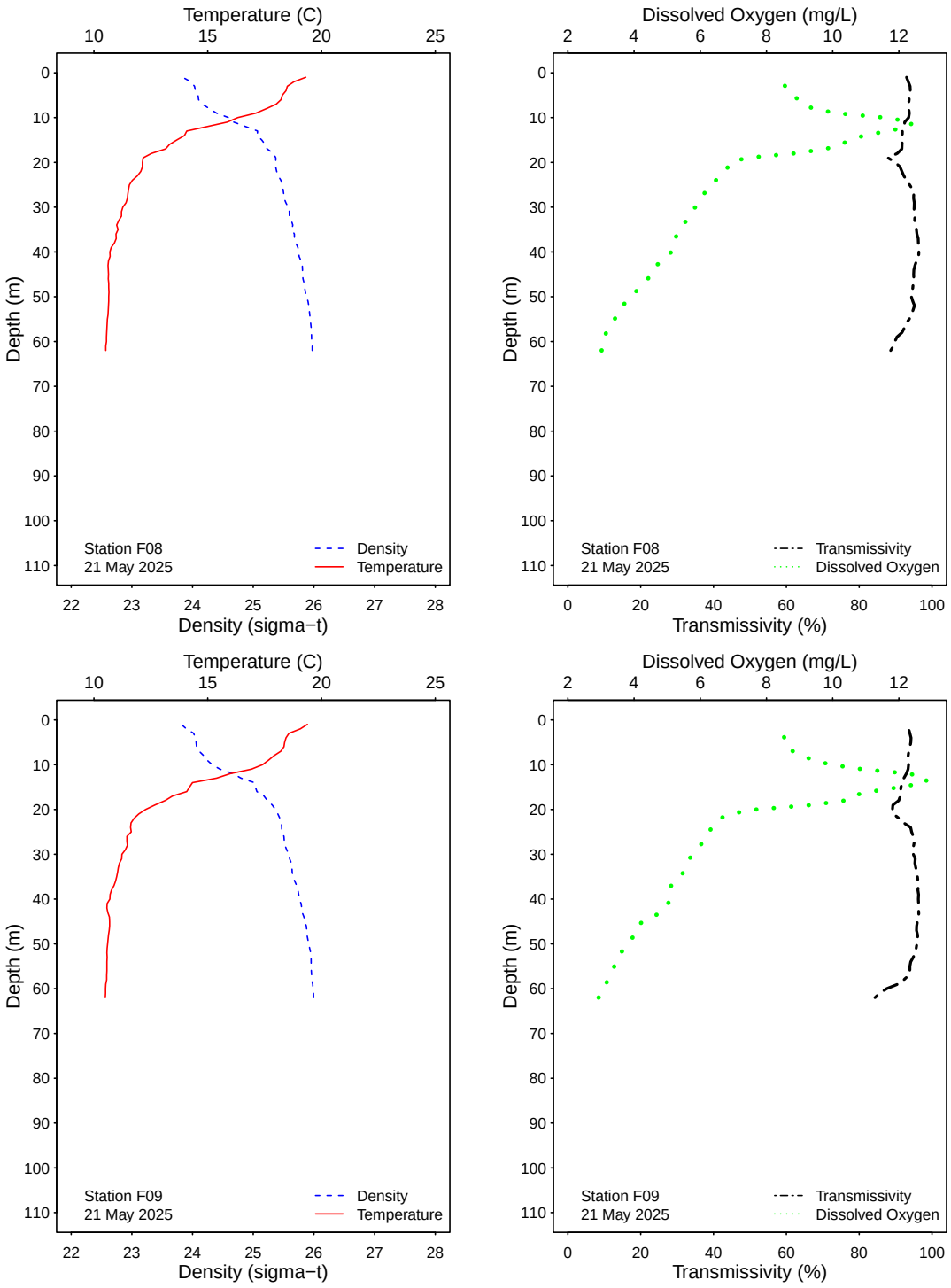

Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

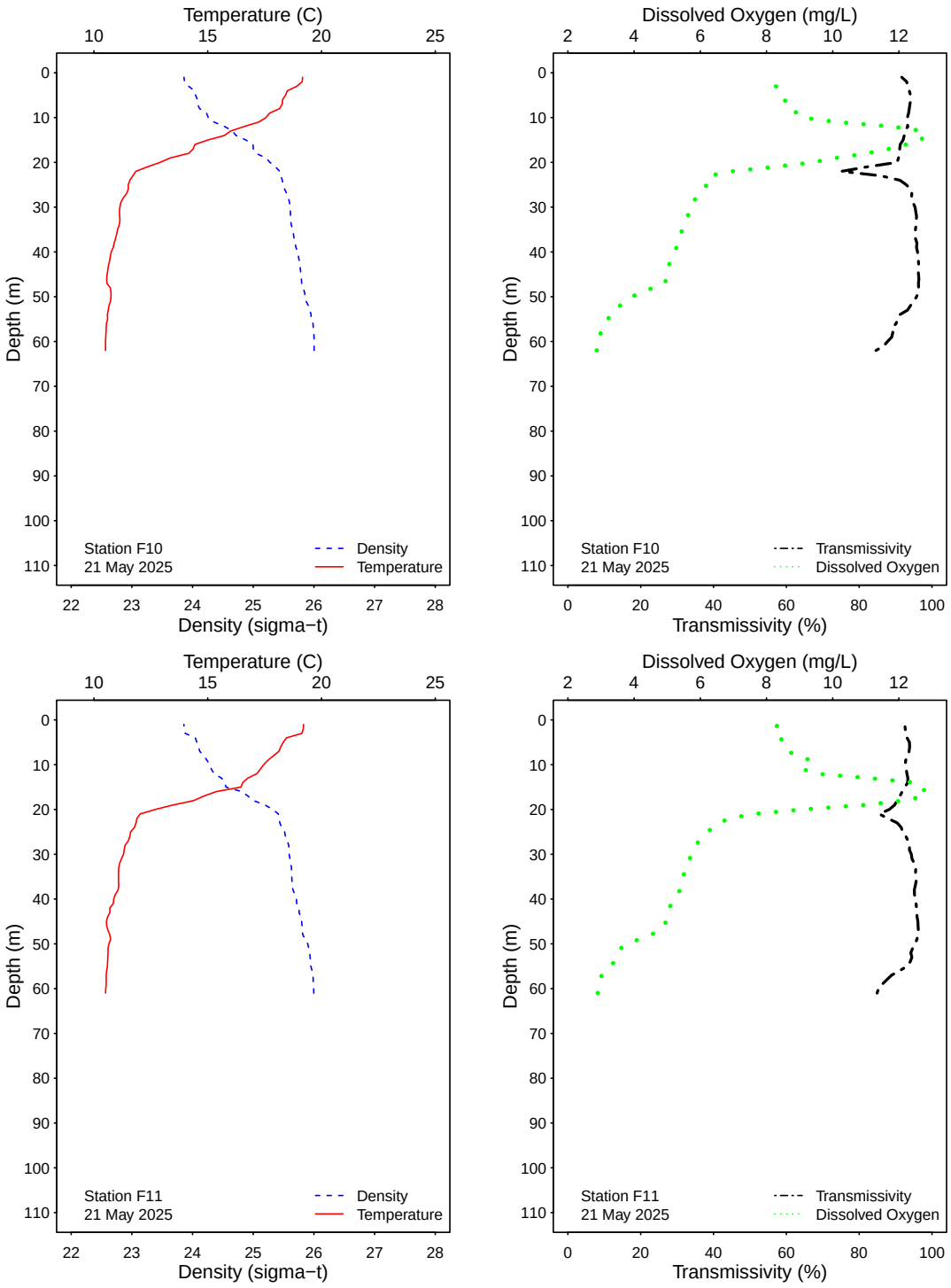

Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

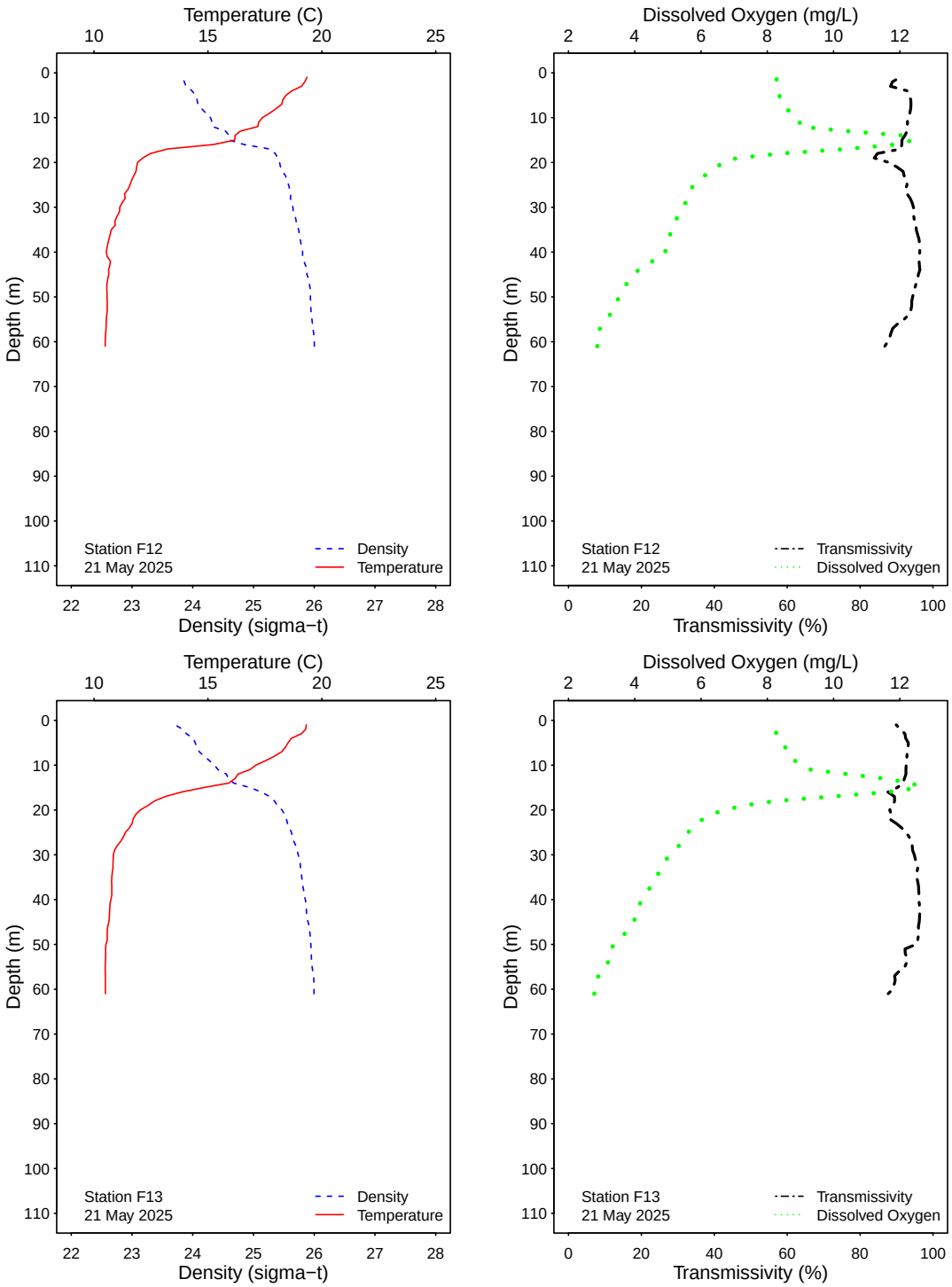

Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

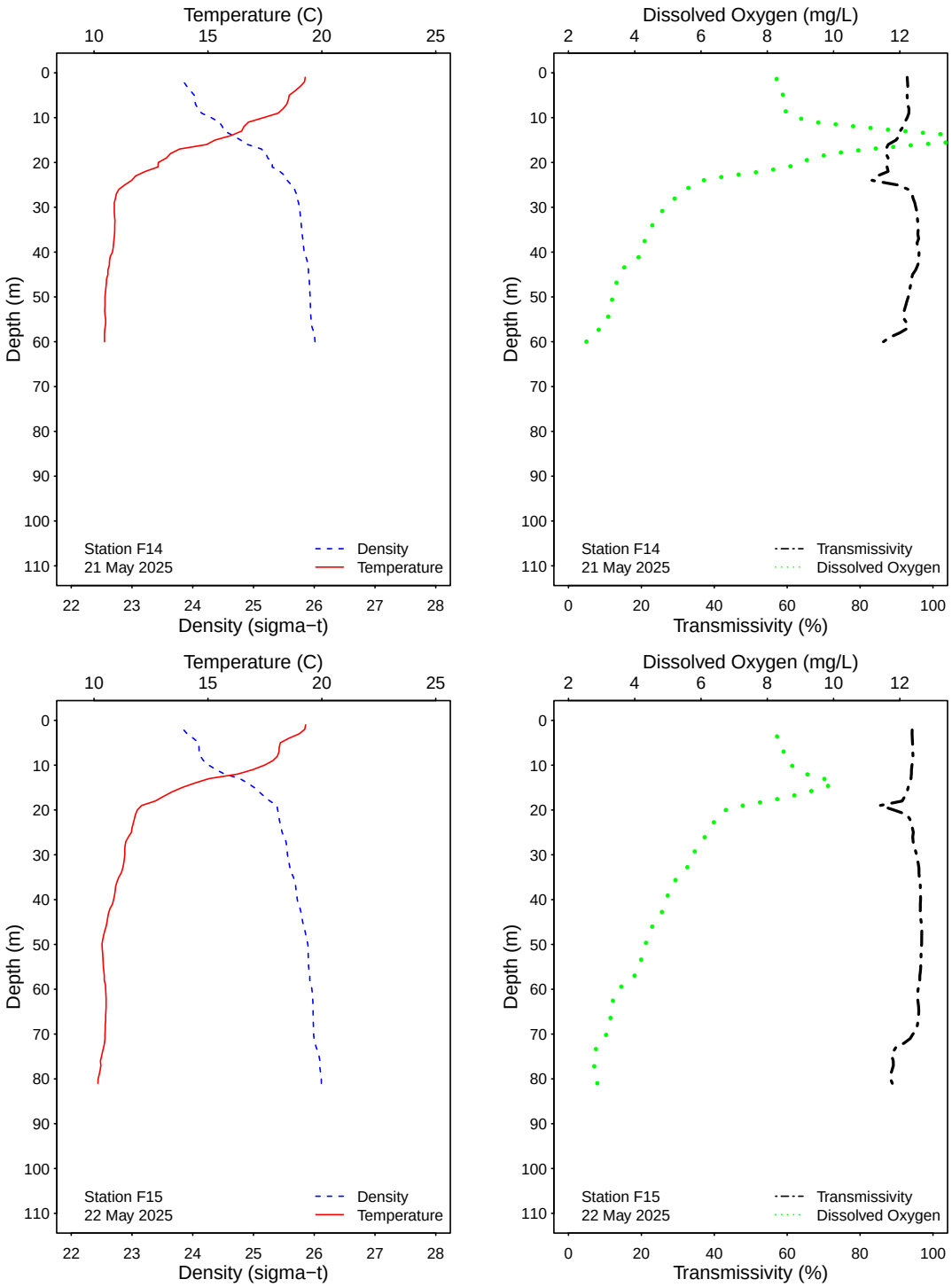

Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

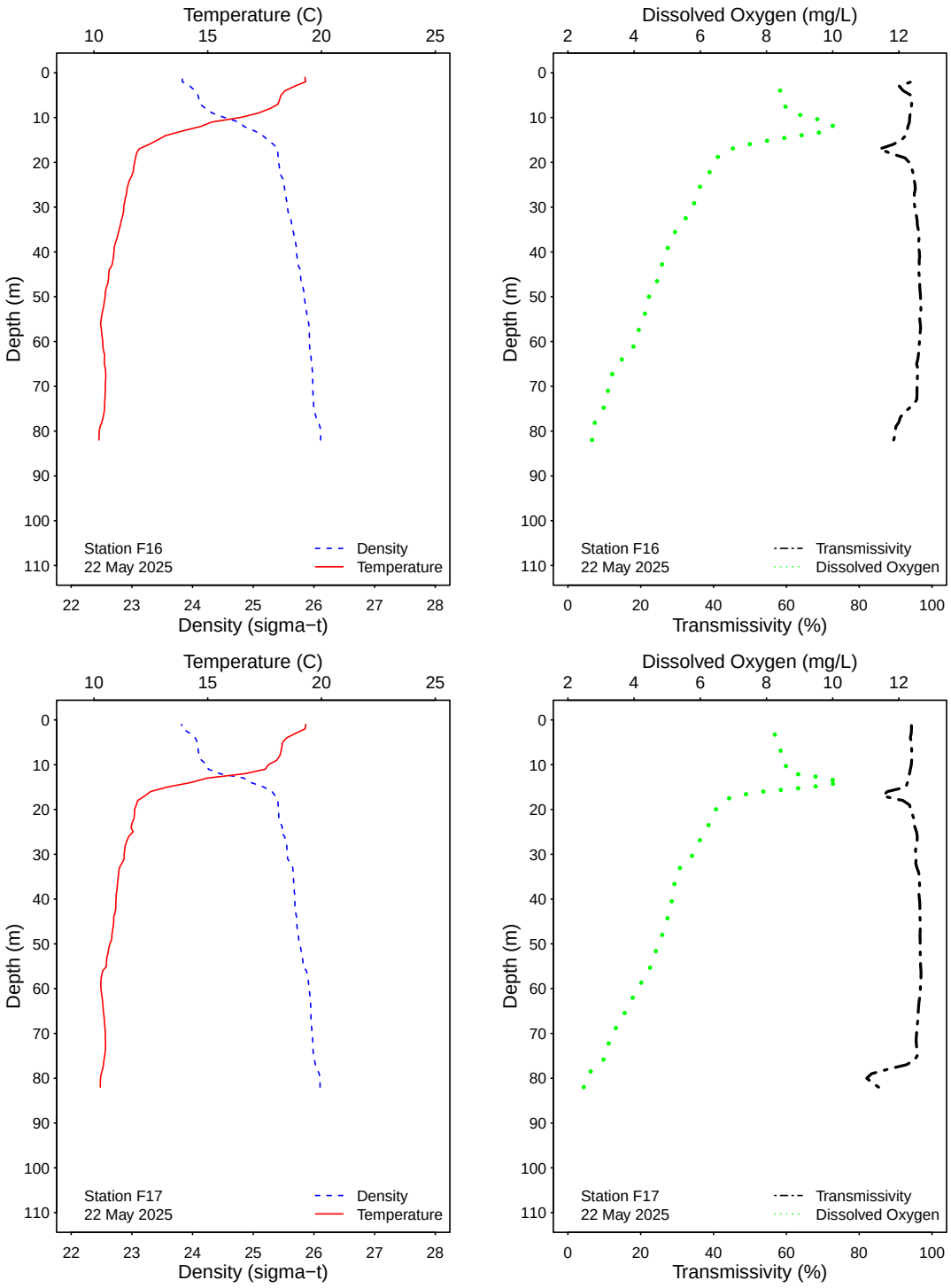

Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

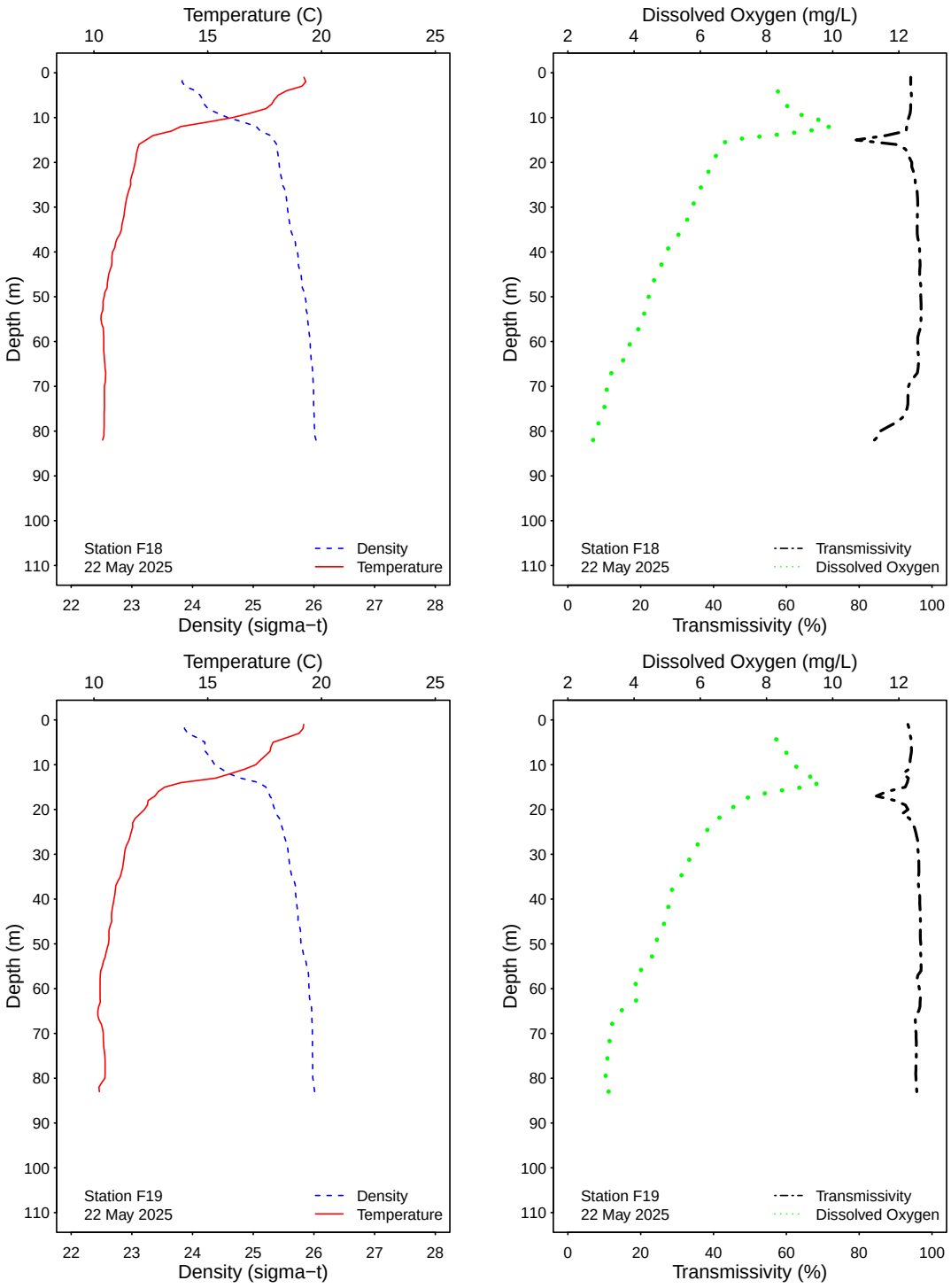

Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

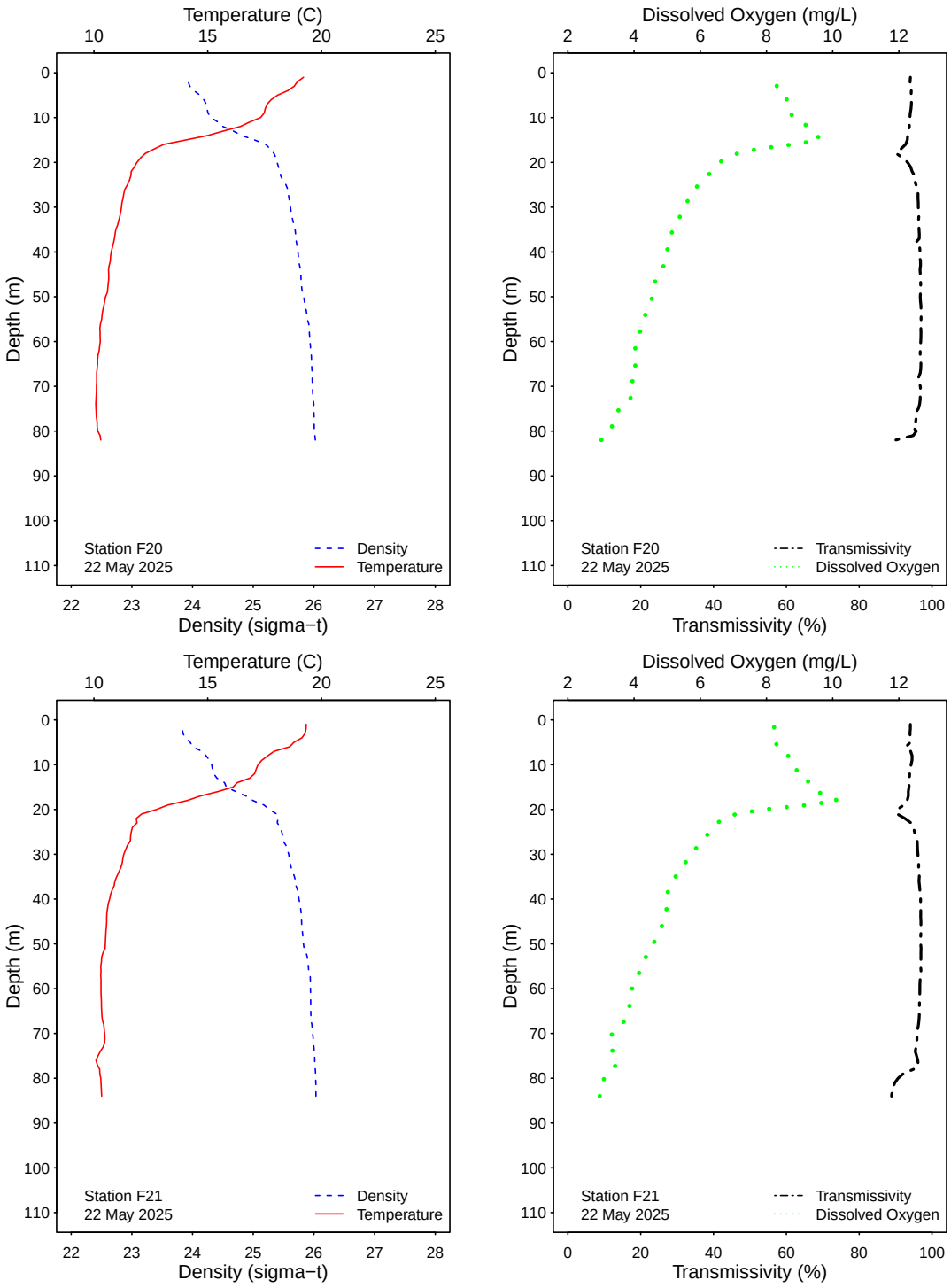

Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

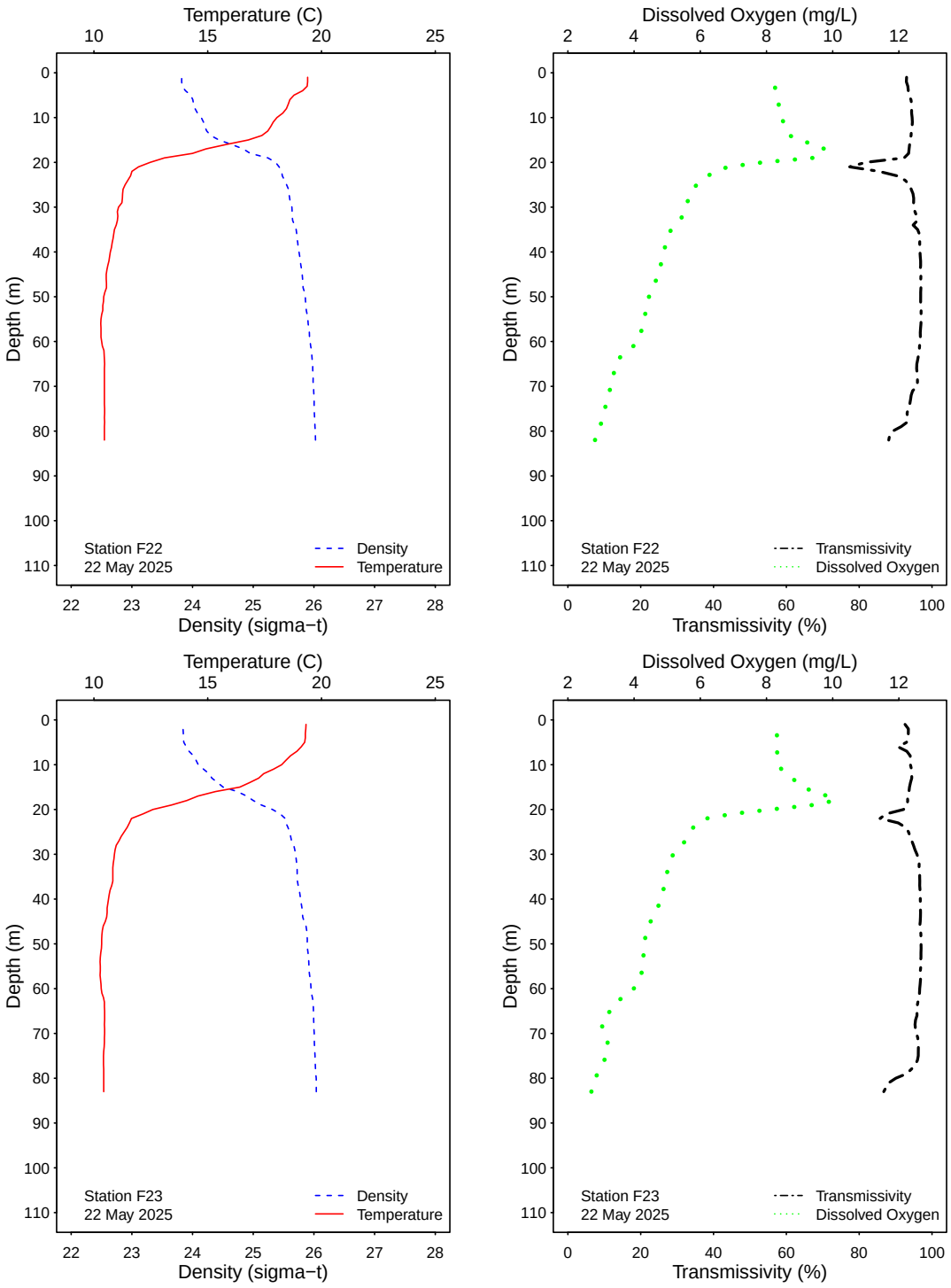

Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

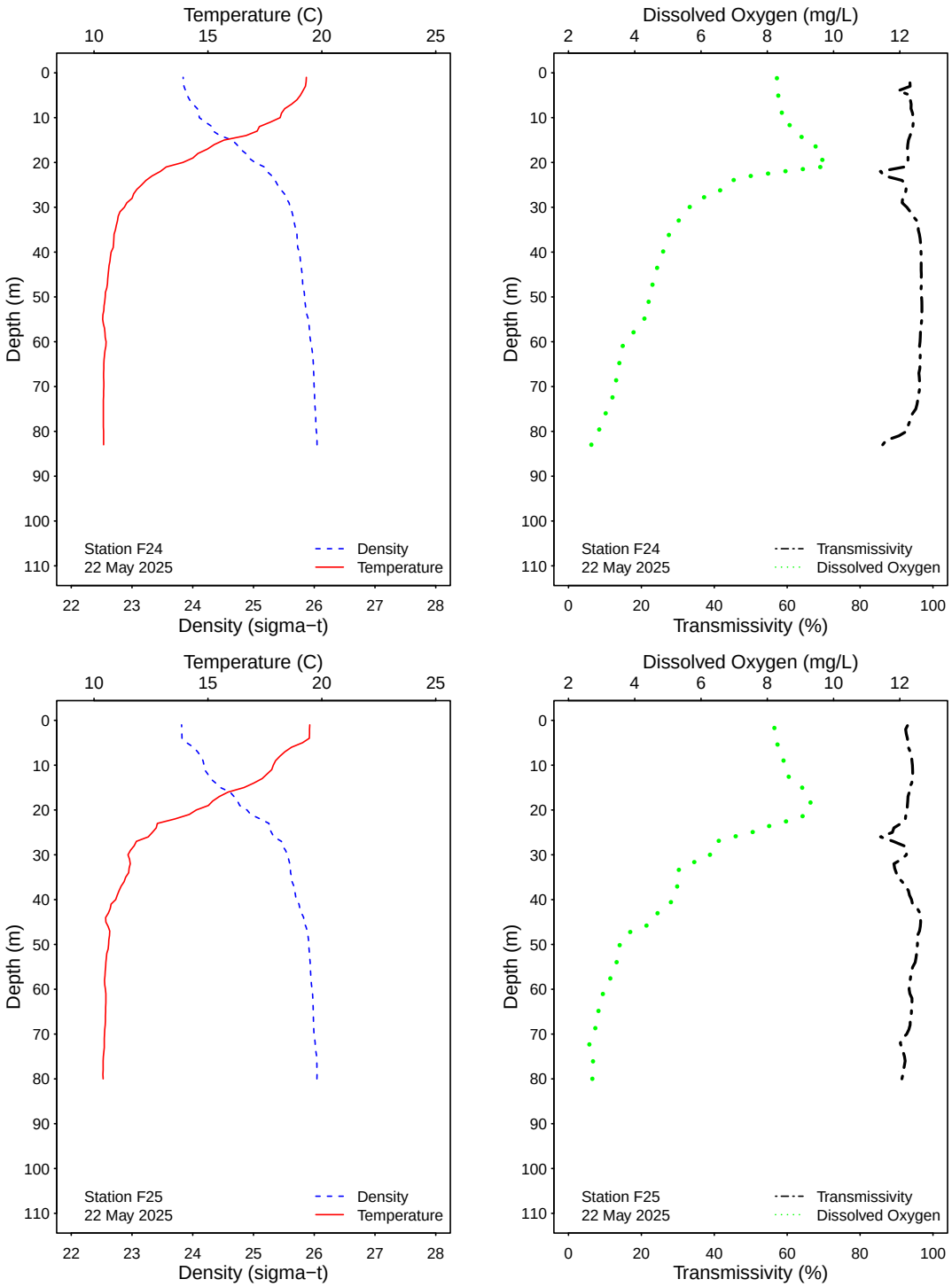

Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

APPENDIX A

Quality Assurance

Table A.1

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

Station	Date	Depth	Analyst	Procedure	Total	Fecal	Entero
F28	20 May 2025	60	ADG	LAB DUPLICATE	ns	ns	2
F17	22 May 2025	80	KT	LAB DUPLICATE	ns	ns	88
F01	21 May 2025	12	KT	LAB DUPLICATE	ns	ns	2
F29	20 May 2025	60	ADG	LAB DUPLICATE	ns	ns	2
F18	22 May 2025	60	KT	LAB DUPLICATE	ns	ns	12
F07	21 May 2025	60	KT	LAB DUPLICATE	ns	ns	22
F30	20 May 2025	60	ADG	LAB DUPLICATE	ns	ns	78
F19	22 May 2025	60	NCD	LAB DUPLICATE	ns	ns	140
F08	21 May 2025	60	KT	LAB DUPLICATE	ns	ns	34
A7	06 May 2025	18	NCD	LAB DUPLICATE	2	2	2
A7	12 May 2025	18	NCD	LAB DUPLICATE	2	2	2
A7	19 May 2025	18	KT	LAB DUPLICATE	2	2	2
A7	27 May 2025	18	NCD	LAB DUPLICATE	4	2	2
F31	20 May 2025	80	KT	LAB DUPLICATE	ns	ns	22
F20	22 May 2025	60	NCD	LAB DUPLICATE	ns	ns	32
F32	20 May 2025	80	KT	LAB DUPLICATE	ns	ns	78
F21	22 May 2025	80	NCD	LAB DUPLICATE	ns	ns	240
C7	06 May 2025	18	NCD	LAB DUPLICATE	2	2	2
C7	12 May 2025	18	NCD	LAB DUPLICATE	8	2	2
C7	19 May 2025	18	KT	LAB DUPLICATE	2	2	2
C7	27 May 2025	18	NCD	LAB DUPLICATE	4	2	2
F11	21 May 2025	60	KT	LAB DUPLICATE	ns	ns	4
C8	06 May 2025	12	NCD	LAB DUPLICATE	2	2	2
C8	12 May 2025	12	NCD	LAB DUPLICATE	2	2	2
C8	19 May 2025	12	KT	LAB DUPLICATE	2	2	2
C8	27 May 2025	12	NCD	LAB DUPLICATE	2	2	2
F34	20 May 2025	60	KT	LAB DUPLICATE	ns	ns	2
F02	21 May 2025	12	KT	LAB DUPLICATE	ns	ns	2
D12	07 May 2025		NCD	FIELD DUPLICATE	20	2	4
D12	07 May 2025		NCD	LAB DUPLICATE	2	2	2
D12	14 May 2025		JF	FIELD DUPLICATE	20	2	6
D12	14 May 2025		JF	LAB DUPLICATE	20	4	2
D12	21 May 2025		NCD	FIELD DUPLICATE	20	2	2
D12	21 May 2025		NCD	LAB DUPLICATE	20	2	2
D12	28 May 2025		WT	FIELD DUPLICATE	20	2	6
D12	28 May 2025		WT	LAB DUPLICATE	20	2	4

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

* 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
May	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 May 2025	2	20	20	**200**	20	20	20	20
02 May 2025	*2	*20	*11	***200**	*20	*20	*20	*11
03 May 2025	*2	*20	*11	***200**	*20	*20	*20	*11
04 May 2025	*2	*20	*11	***200**	*20	*20	*20	*11
05 May 2025	*2	*20	*11	***200**	*20	*20	*20	*11
06 May 2025	*2	*20	*11	***200**	*20	*20	*20	*11
07 May 2025	2	20	20	**200**	20	20	20	20
08 May 2025	2	20	20	**200**	20	20	20	20
09 May 2025	*11	*20	*20	***110**	*20	*20	*20	*11
10 May 2025	*11	*20	*20	***110**	*20	*20	*20	*11
11 May 2025	*11	*20	*20	***110**	*20	*20	*20	*11
12 May 2025	*11	*20	*20	***110**	*20	*20	*20	*11
13 May 2025	*11	*20	*20	***110**	*20	*20	*20	*11
14 May 2025	20	20	20	**200**	20	20	20	20
15 May 2025	20	20	20	**200**	20	20	20	20
16 May 2025	*20	***110**	*20	***200**	*20	*20	***240**	*11
17 May 2025	*20	***110**	*20	***200**	*20	*20	***240**	*11
18 May 2025	*20	***110**	*20	***200**	*20	*20	***240**	*11
19 May 2025	*20	***110**	*20	***200**	*20	*20	***240**	*11
20 May 2025	*20	***110**	*20	***200**	*20	*20	***240**	*11
21 May 2025	20	**200**	20	**200**	20	20	40	20
22 May 2025	20	**200**	20	**200**	20	20	40	20
23 May 2025	*20	***200**	*20	***200**	*20	*20	***250**	*20
24 May 2025	*20	***200**	*20	***200**	*20	*20	***250**	*20
25 May 2025	*20	***200**	*20	***200**	*20	*20	***250**	*20
26 May 2025	*20	***200**	*20	***200**	*20	*20	***250**	*20
27 May 2025	*20	***200**	*20	***200**	*20	*20	***250**	*20
28 May 2025	20	**200**	20	**200**	20	20	**200**	20
29 May 2025	20	**200**	20	**200**	20	20	**200**	20
30 May 2025	*20	***200**	***110**	***200**	*20	***110**	***120**	*20
31 May 2025	*20	***200**	***110**	***200**	*20	***110**	***120**	*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
May	IC	IC	IC	IC	IC	**E**	**E**	IC

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

Kelp Stations

Table B.5

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

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

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

Table B.7

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

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

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

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

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