



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 2024

Environmental Monitoring and Technical Services
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June 30, 2024

Mr. David W. Gibson, Executive Officer
California Regional Water Quality Control Board
San Diego Region
2375 Northside Drive, Suite 100
San Diego, CA 92108

Attention: POTW Compliance Unit

Dear Mr. Gibson:

Enclosed is the May 2024 Monthly Receiving Waters Monitoring Report for the Point Loma Ocean Outfall, Point Loma Wastewater Treatment Plant as required per Order No. R9-2017-0007, NPDES Permit No. CA0107409.

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

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

Sincerely,



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

PV/rk

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

INTRODUCTION

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

MATERIALS AND METHODS

Shore Stations

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

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

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

Kelp Bed Stations

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

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

Seawater samples at the kelp bed stations are collected using a CTD-integrated rosette sampler with Niskin bottles. Aliquots for bacteriological analyses are drawn from these bottles into sterile sample bottles for processing at the City's Marine Microbiology Laboratory. Water column

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

Offshore Stations

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

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

Bacteriological Reporting and Quality Assurance

Estimated values for bacteriological analyses are denoted by greater than (>), less than (<), or estimated (e) qualifiers and result from plates with colony counts above or below the permissible counting limits established in Bordner et al. (1978)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

Single Sample Maximums:

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.

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

Quality controls of bacteriological data include laboratory and field duplicate analyses. Laboratory duplicates are performed on approximately 10% of the water quality samples, while field duplicates are performed six times a month (see Appendix A). Laboratory duplicates represent two aliquots of the original sample that are split in the laboratory and analyzed by the same analyst using identical procedures within the same analytical run. The results of these analyses provide a measure of intra-analyst precision. In contrast, field duplicates represent two separate samples collected at the same time from the same site, which are handled under identical circumstances and treated the same throughout field and lab procedures. The results of these analyses provide a measure of precision associated with sample collection, preservation, storage, and lab procedures. The sign test (see Gilbert, 1987²) is used to statistically compare both the results from the laboratory duplicates, as well as the results from the field duplicates. These data will be further analyzed in the City's 2024 Quality Assurance Report, which will be completed in March 2025.

SUMMARY OF RESULTS

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

Shore Stations

- The eight shore stations (D4, D5, D7, D8-B, D9, D10, D11, D12) were sampled on May 1, 8, 15, 22, and 29.
- 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 detected 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, 13, 20, and 28.
- 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 10.38 to 17.51°C. The difference between surface and bottom waters ranged from 3.57 to 7.13°C.
- Chlorophyll *a* concentrations ranged from 0.42 to 44.56 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 14, 15, and 16.
- 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 single sample maximum standard for *Enterococcus* was exceeded at stations F18, F19, and F20.
- Of the remaining 21 offshore stations, elevated densities of *Enterococcus* bacteria (i.e., >104 CFU/100 mL) were detected at stations F21, F26, F27, F28, F29, and F30 at depths ≥ 60 meters.
- Water column temperatures ranged from 9.81 to 17.92°C. The difference between surface and bottom waters ranged from 5.57 to 8.01°C.
- Chlorophyll *a* concentrations ranged from 0.06 to 14.44 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

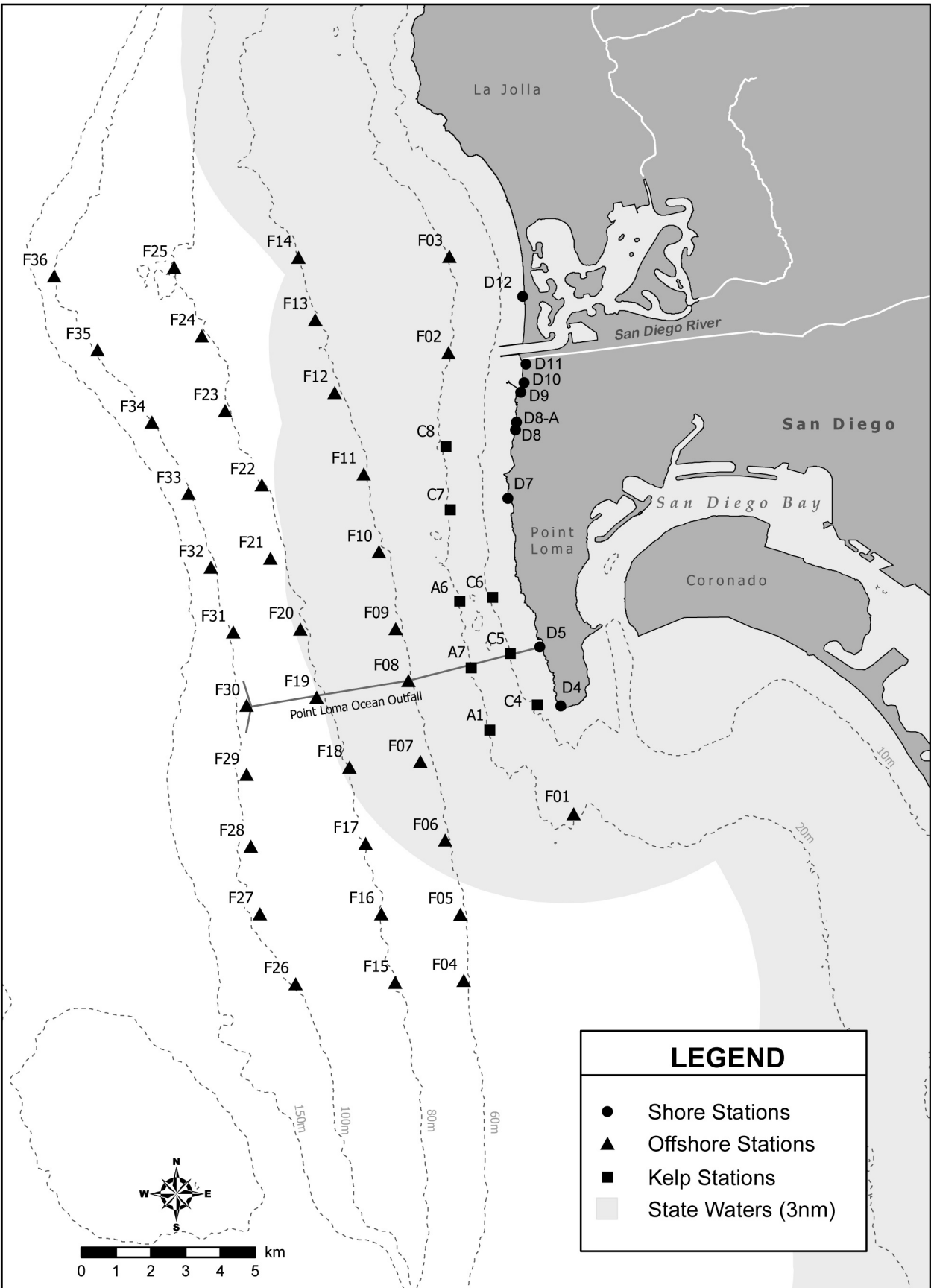


Figure 1.1 Station Map

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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-B	D9	D10	D11	D12
01 May 2024	2	2	4	2	2	3	6	2
02 May 2024	2	2	4	2	2	3	6	2
03 May 2024	*2	*2	*4	*2	*2	*3	*6	*2
04 May 2024	*2	*2	*4	*2	*2	*3	*6	*2
05 May 2024	*2	*2	*4	*2	*2	*3	*6	*2
06 May 2024	*2	*2	*4	*2	*2	*3	*6	*2
07 May 2024	*2	*2	*4	*2	*2	*3	*6	*2
08 May 2024	2	2	4	2	3	5	7	2
09 May 2024	2	2	4	2	3	5	7	2
10 May 2024	*2	*2	*3	*2	*3	*6	*6	*2
11 May 2024	*2	*2	*3	*2	*3	*6	*6	*2
12 May 2024	*2	*2	*3	*2	*3	*6	*6	*2
13 May 2024	*2	*2	*3	*2	*3	*6	*6	*2
14 May 2024	*2	*2	*3	*2	*3	*6	*6	*2
15 May 2024	2	2	3	2	3	6	5	2
16 May 2024	2	2	3	2	3	6	5	2
17 May 2024	*2	*2	*3	*2	*3	*6	*5	*2
18 May 2024	*2	*2	*3	*2	*3	*6	*5	*2
19 May 2024	*2	*2	*3	*2	*3	*6	*5	*2
20 May 2024	*2	*2	*3	*2	*3	*6	*5	*2
21 May 2024	*2	*2	*3	*2	*3	*6	*5	*2
22 May 2024	2	3	2	2	3	6	4	2
23 May 2024	2	3	2	2	3	6	4	2
24 May 2024	*3	*3	*3	*2	*2	*6	*4	*2
25 May 2024	*3	*3	*3	*2	*2	*6	*4	*2
26 May 2024	*3	*3	*3	*2	*2	*6	*4	*2
27 May 2024	*3	*3	*3	*2	*2	*6	*4	*2
28 May 2024	*3	*3	*3	*2	*2	*6	*4	*2
29 May 2024	2	4	2	3	2	6	6	2
30 May 2024	2	4	2	3	2	6	6	2
31 May 2024	*3	*4	*3	*3	*2	*8	*7	*2

* Geometric mean calculated using n<5

Table 2.2

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

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 May 2024	IC	IC	IC	IC	IC	IC	IC	IC
08 May 2024	IC	IC	IC	IC	IC	IC	IC	IC
15 May 2024	IC	IC	IC	IC	IC	IC	IC	IC
22 May 2024	IC	IC	IC	IC	IC	IC	IC	IC
29 May 2024	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 2.3

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

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 May 2024	2	2	2	2	3	2	2	2
02 May 2024	2	2	2	2	3	2	2	2
03 May 2024	*2	*2	*2	*2	*3	*2	*2	*2
04 May 2024	*2	*2	*2	*2	*3	*2	*2	*2
05 May 2024	*2	*2	*2	*2	*3	*2	*2	*2
06 May 2024	*2	*2	*2	*2	*3	*2	*2	*2
07 May 2024	*2	*2	*2	*2	*3	*2	*2	*2
08 May 2024	2	2	2	2	3	3	4	2
09 May 2024	2	2	2	2	3	3	4	2
10 May 2024	*2	*2	*2	*2	*4	*3	*5	*2
11 May 2024	*2	*2	*2	*2	*4	*3	*5	*2
12 May 2024	*2	*2	*2	*2	*4	*3	*5	*2
13 May 2024	*2	*2	*2	*2	*4	*3	*5	*2
14 May 2024	*2	*2	*2	*2	*4	*3	*5	*2
15 May 2024	2	2	2	2	3	3	4	2
16 May 2024	2	2	2	2	3	3	4	2
17 May 2024	*2	*2	*2	*2	*4	*3	*5	*2
18 May 2024	*2	*2	*2	*2	*4	*3	*5	*2
19 May 2024	*2	*2	*2	*2	*4	*3	*5	*2
20 May 2024	*2	*2	*2	*2	*4	*3	*5	*2
21 May 2024	*2	*2	*2	*2	*4	*3	*5	*2
22 May 2024	2	2	2	2	3	3	5	3
23 May 2024	2	2	2	2	3	3	5	3
24 May 2024	*2	*2	*2	*2	*3	*3	*5	*3
25 May 2024	*2	*2	*2	*2	*3	*3	*5	*3
26 May 2024	*2	*2	*2	*2	*3	*3	*5	*3
27 May 2024	*2	*2	*2	*2	*3	*3	*5	*3
28 May 2024	*2	*2	*2	*2	*3	*3	*5	*3
29 May 2024	2	2	2	2	2	3	7	3
30 May 2024	2	2	2	2	2	3	7	3
31 May 2024	*2	*2	*2	*2	*3	*3	*10	*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-B	D9	D10	D11	D12
01 May 2024	IC	IC	IC	IC	IC	IC	IC	IC
08 May 2024	IC	IC	IC	IC	IC	IC	IC	IC
15 May 2024	IC	IC	IC	IC	IC	IC	IC	IC
22 May 2024	IC	IC	IC	IC	IC	IC	IC	IC
29 May 2024	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 2.5

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

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 May 2024	2	5	9	15	7	12	63	6
02 May 2024	2	5	9	15	7	12	63	6
03 May 2024	*2	*4	*12	*14	*7	*16	*60	*8
04 May 2024	*2	*4	*12	*14	*7	*16	*60	*8
05 May 2024	*2	*4	*12	*14	*7	*16	*60	*8
06 May 2024	*2	*4	*12	*14	*7	*16	*60	*8
07 May 2024	*2	*4	*12	*14	*7	*16	*60	*8
08 May 2024	3	6	13	15	8	19	71	9
09 May 2024	3	6	13	15	8	19	71	9
10 May 2024	*4	*6	*11	*18	*10	*19	*82	*8
11 May 2024	*4	*6	*11	*18	*10	*19	*82	*8
12 May 2024	*4	*6	*11	*18	*10	*19	*82	*8
13 May 2024	*4	*6	*11	*18	*10	*19	*82	*8
14 May 2024	*4	*6	*11	*18	*10	*19	*82	*8
15 May 2024	5	8	13	18	11	19	62	9
16 May 2024	5	8	13	18	11	19	62	9
17 May 2024	*6	*11	*20	*20	*13	*24	*103	*11
18 May 2024	*6	*11	*20	*20	*13	*24	*103	*11
19 May 2024	*6	*11	*20	*20	*13	*24	*103	*11
20 May 2024	*6	*11	*20	*20	*13	*24	*103	*11
21 May 2024	*6	*11	*20	*20	*13	*24	*103	*11
22 May 2024	8	13	20	20	13	26	74	16
23 May 2024	8	13	20	20	13	26	74	16
24 May 2024	*11	*20	*20	*20	*12	*28	*58	*15
25 May 2024	*11	*20	*20	*20	*12	*28	*58	*15
26 May 2024	*11	*20	*20	*20	*12	*28	*58	*15
27 May 2024	*11	*20	*20	*20	*12	*28	*58	*15
28 May 2024	*11	*20	*20	*20	*12	*28	*58	*15
29 May 2024	8	20	20	17	13	26	58	16
30 May 2024	8	20	20	17	13	26	58	16
31 May 2024	*11	*20	*20	*17	*18	*28	*43	*26

* Median calculated using n<5

Table 2.6

Summary of compliance at the PLOO shore stations with the Ocean Plan's Single Sample Maximum for total coliform bacteria, which states that total coliform density shall not exceed 10000 CFU/100 mL.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 May 2024	IC	IC	IC	IC	IC	IC	IC	IC
08 May 2024	IC	IC	IC	IC	IC	IC	IC	IC
15 May 2024	IC	IC	IC	IC	IC	IC	IC	IC
22 May 2024	IC	IC	IC	IC	IC	IC	IC	IC
29 May 2024	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 2.7

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

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 May 2024	IC	IC	IC	IC	IC	IC	IC	IC
08 May 2024	IC	IC	IC	IC	IC	IC	IC	IC
15 May 2024	IC	IC	IC	IC	IC	IC	IC	IC
22 May 2024	IC	IC	IC	IC	IC	IC	IC	IC
29 May 2024	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 2.8

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

Station	Date	Time	Total	Fecal	Entero
D10	01 May 2024	758	<20	2e	<2
D10	08 May 2024	759	40e	20e	12e
D10	15 May 2024	806	<20	4e	<2
D10	22 May 2024	811	40e	6e	<2
D10	29 May 2024	831	20e	10e	2e
D11	01 May 2024	751	<200	2e	2e
D11	08 May 2024	750	140e	<20	34e
D11	15 May 2024	758	20e	<2	<2
D11	22 May 2024	802	<20	<2	4e
D11	29 May 2024	813	60e	32e	30e
D12	01 May 2024	736	<2	<2	<2
D12	08 May 2024	736	<20	<2	<2
D12	15 May 2024	742	<20	<2	<2
D12	22 May 2024	743	60e	<2	14e
D12	29 May 2024	748	20e	<2	<2
D4	01 May 2024	905	2e	<2	<2
D4	08 May 2024	902	<20	2e	<2
D4	15 May 2024	907	<20	<2	<2
D4	22 May 2024	931	<20	6e	<2
D4	29 May 2024	1034	<2	<2	<2
D5	01 May 2024	850	<20	<2	<2
D5	08 May 2024	853	<20	2e	<2
D5	15 May 2024	857	<20	<2	<2
D5	22 May 2024	915	<20	10e	2e
D5	29 May 2024	1004	<20	8e	<2
D7	01 May 2024	823	<20	<2	<2
D7	08 May 2024	828	<20	6e	<2
D7	15 May 2024	832	<20	<2	2e
D7	22 May 2024	846	<20	<2	<2
D7	29 May 2024	925	<20	<2	<2
D8-B	01 May 2024	813	<20	<2	<2
D8-B	08 May 2024	817	<20	<2	2e
D8-B	15 May 2024	821	<20	<2	<2
D8-B	22 May 2024	833	<20	4e	4e
D8-B	29 May 2024	906	10e	4e	<2
D9	01 May 2024	806	4e	<2	2e
D9	08 May 2024	807	<20	4e	6e
D9	15 May 2024	814	20e	2e	2e
D9	22 May 2024	822	12e	<2	<2
D9	29 May 2024	850	<20	<2	<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	01 May 2024	Arrive Time	905
D4	01 May 2024	Wind Speed (kts)	3.5
D4	01 May 2024	Wind Dir	S
D4	01 May 2024	Animal Life	
D4	01 May 2024	Floatables	None
D4	01 May 2024	Current Direction	S
D4	01 May 2024	Water Temp (C)	15.2
D4	01 May 2024	High Tide Time	249
D4	01 May 2024	Low Tide Time	1057
D4	01 May 2024	Comments	Water clear; Trash-1; Algae;Seagrass;Kelp;Debris
D4	08 May 2024	Arrive Time	902
D4	08 May 2024	Wind Speed (kts)	5.4
D4	08 May 2024	Wind Dir	SW
D4	08 May 2024	Animal Life	
D4	08 May 2024	Floatables	None
D4	08 May 2024	Current Direction	S
D4	08 May 2024	Water Temp (C)	15.7
D4	08 May 2024	High Tide Time	1020
D4	08 May 2024	Low Tide Time	413
D4	08 May 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D4	15 May 2024	Arrive Time	907
D4	15 May 2024	Wind Speed (kts)	0.1
D4	15 May 2024	Wind Dir	NW
D4	15 May 2024	Animal Life	
D4	15 May 2024	Floatables	None
D4	15 May 2024	Current Direction	S
D4	15 May 2024	Water Temp (C)	14
D4	15 May 2024	High Tide Time	318
D4	15 May 2024	Low Tide Time	1056
D4	15 May 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D4	22 May 2024	Arrive Time	931
D4	22 May 2024	Wind Speed (kts)	0.3
D4	22 May 2024	Wind Dir	W
D4	22 May 2024	Animal Life	
D4	22 May 2024	Floatables	None
D4	22 May 2024	Current Direction	S
D4	22 May 2024	Water Temp (C)	9.9
D4	22 May 2024	High Tide Time	937
D4	22 May 2024	Low Tide Time	332
D4	22 May 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D4	29 May 2024	Arrive Time	1034
D4	29 May 2024	Wind Speed (kts)	3.3
D4	29 May 2024	Wind Dir	S
D4	29 May 2024	Animal Life	Bird-2; Seagull-2;
D4	29 May 2024	Floatables	Foam; Film
D4	29 May 2024	Current Direction	S
D4	29 May 2024	Water Temp (C)	12.1
D4	29 May 2024	High Tide Time	109
D4	29 May 2024	Low Tide Time	904
D4	29 May 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D5	01 May 2024	Arrive Time	850

Station	Date	Parameter	Value
D5	01 May 2024	Wind Speed (kts)	2
D5	01 May 2024	Wind Dir	S
D5	01 May 2024	Animal Life	
D5	01 May 2024	Floatables	None
D5	01 May 2024	Current Direction	S
D5	01 May 2024	Water Temp (C)	12
D5	01 May 2024	High Tide Time	249
D5	01 May 2024	Low Tide Time	1057
D5	01 May 2024	Comments	Water clear; Trash-1; Algae
D5	08 May 2024	Arrive Time	853
D5	08 May 2024	Wind Speed (kts)	2.3
D5	08 May 2024	Wind Dir	SW
D5	08 May 2024	Animal Life	
D5	08 May 2024	Floatables	None
D5	08 May 2024	Current Direction	S
D5	08 May 2024	Water Temp (C)	16.7
D5	08 May 2024	High Tide Time	1020
D5	08 May 2024	Low Tide Time	413
D5	08 May 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D5	15 May 2024	Arrive Time	857
D5	15 May 2024	Wind Speed (kts)	0.5
D5	15 May 2024	Wind Dir	NW
D5	15 May 2024	Animal Life	
D5	15 May 2024	Floatables	Foam
D5	15 May 2024	Current Direction	S
D5	15 May 2024	Water Temp (C)	13.9
D5	15 May 2024	High Tide Time	318
D5	15 May 2024	Low Tide Time	1056
D5	15 May 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D5	22 May 2024	Arrive Time	915
D5	22 May 2024	Wind Speed (kts)	0.9
D5	22 May 2024	Wind Dir	W
D5	22 May 2024	Animal Life	
D5	22 May 2024	Floatables	None
D5	22 May 2024	Current Direction	S
D5	22 May 2024	Water Temp (C)	14.5
D5	22 May 2024	High Tide Time	937
D5	22 May 2024	Low Tide Time	332
D5	22 May 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D5	29 May 2024	Arrive Time	1004
D5	29 May 2024	Wind Speed (kts)	3.1
D5	29 May 2024	Wind Dir	S
D5	29 May 2024	Animal Life	
D5	29 May 2024	Floatables	None
D5	29 May 2024	Current Direction	S
D5	29 May 2024	Water Temp (C)	12.6
D5	29 May 2024	High Tide Time	109
D5	29 May 2024	Low Tide Time	904
D5	29 May 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D7	01 May 2024	Arrive Time	823
D7	01 May 2024	Wind Speed (kts)	1.2
D7	01 May 2024	Wind Dir	S
D7	01 May 2024	Animal Life	
D7	01 May 2024	Floatables	None
D7	01 May 2024	Current Direction	S
D7	01 May 2024	Water Temp (C)	9.6

Station	Date	Parameter	Value
D7	01 May 2024	High Tide Time	249
D7	01 May 2024	Low Tide Time	1057
D7	01 May 2024	Comments	Water clear; Surfer/Paddle boarder-1; Trash-1; Algae
D7	08 May 2024	Arrive Time	828
D7	08 May 2024	Wind Speed (kts)	1.5
D7	08 May 2024	Wind Dir	S
D7	08 May 2024	Animal Life	
D7	08 May 2024	Floatables	None
D7	08 May 2024	Current Direction	S
D7	08 May 2024	Water Temp (C)	16.3
D7	08 May 2024	High Tide Time	1020
D7	08 May 2024	Low Tide Time	413
D7	08 May 2024	Comments	Water clear; Surfer/Paddle boarder-1; Trash-1; Kelp;Seagrass;Algae
D7	15 May 2024	Arrive Time	832
D7	15 May 2024	Wind Speed (kts)	0
D7	15 May 2024	Wind Dir	NW
D7	15 May 2024	Animal Life	
D7	15 May 2024	Floatables	None
D7	15 May 2024	Current Direction	S
D7	15 May 2024	Water Temp (C)	13.9
D7	15 May 2024	High Tide Time	318
D7	15 May 2024	Low Tide Time	1056
D7	15 May 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae; Person/Walker/Jogger-1
D7	22 May 2024	Arrive Time	846
D7	22 May 2024	Wind Speed (kts)	0
D7	22 May 2024	Wind Dir	W
D7	22 May 2024	Animal Life	
D7	22 May 2024	Floatables	None
D7	22 May 2024	Current Direction	S
D7	22 May 2024	Water Temp (C)	15.1
D7	22 May 2024	High Tide Time	937
D7	22 May 2024	Low Tide Time	332
D7	22 May 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D7	29 May 2024	Arrive Time	925
D7	29 May 2024	Wind Speed (kts)	3.1
D7	29 May 2024	Wind Dir	S
D7	29 May 2024	Animal Life	
D7	29 May 2024	Floatables	None
D7	29 May 2024	Current Direction	S
D7	29 May 2024	Water Temp (C)	13.6
D7	29 May 2024	High Tide Time	109
D7	29 May 2024	Low Tide Time	904
D7	29 May 2024	Comments	Water clear; Surfer/Paddle boarder-2; Trash-1; Kelp;Seagrass;Algae
D8-B	01 May 2024	Arrive Time	813
D8-B	01 May 2024	Wind Speed (kts)	0
D8-B	01 May 2024	Wind Dir	XX
D8-B	01 May 2024	Animal Life	
D8-B	01 May 2024	Floatables	None
D8-B	01 May 2024	Current Direction	S
D8-B	01 May 2024	Water Temp (C)	12.5
D8-B	01 May 2024	High Tide Time	249
D8-B	01 May 2024	Low Tide Time	1057
D8-B	01 May 2024	Comments	Water clear; Surfer/Paddle boarder-3; Trash-2; Algae;Debris

Station	Date	Parameter	Value
D8-B	08 May 2024	Arrive Time	817
D8-B	08 May 2024	Wind Speed (kts)	3.4
D8-B	08 May 2024	Wind Dir	W
D8-B	08 May 2024	Animal Life	
D8-B	08 May 2024	Floatables	None
D8-B	08 May 2024	Current Direction	S
D8-B	08 May 2024	Water Temp (C)	17.4
D8-B	08 May 2024	High Tide Time	1020
D8-B	08 May 2024	Low Tide Time	413
D8-B	08 May 2024	Comments	Water clear; Surfer/Paddle boarder-6; Trash-2; Seagrass;Algae;Kelp
D8-B	15 May 2024	Arrive Time	821
D8-B	15 May 2024	Wind Speed (kts)	4
D8-B	15 May 2024	Wind Dir	NW
D8-B	15 May 2024	Animal Life	
D8-B	15 May 2024	Floatables	None
D8-B	15 May 2024	Current Direction	S
D8-B	15 May 2024	Water Temp (C)	14.8
D8-B	15 May 2024	High Tide Time	318
D8-B	15 May 2024	Low Tide Time	1056
D8-B	15 May 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D8-B	22 May 2024	Arrive Time	833
D8-B	22 May 2024	Wind Speed (kts)	2.7
D8-B	22 May 2024	Wind Dir	NW
D8-B	22 May 2024	Animal Life	
D8-B	22 May 2024	Floatables	None
D8-B	22 May 2024	Current Direction	S
D8-B	22 May 2024	Water Temp (C)	15
D8-B	22 May 2024	High Tide Time	937
D8-B	22 May 2024	Low Tide Time	332
D8-B	22 May 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D8-B	29 May 2024	Arrive Time	906
D8-B	29 May 2024	Wind Speed (kts)	4.6
D8-B	29 May 2024	Wind Dir	S
D8-B	29 May 2024	Animal Life	
D8-B	29 May 2024	Floatables	None
D8-B	29 May 2024	Current Direction	S
D8-B	29 May 2024	Water Temp (C)	12.4
D8-B	29 May 2024	High Tide Time	109
D8-B	29 May 2024	Low Tide Time	904
D8-B	29 May 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris
D9	01 May 2024	Arrive Time	806
D9	01 May 2024	Wind Speed (kts)	2.2
D9	01 May 2024	Wind Dir	SW
D9	01 May 2024	Animal Life	
D9	01 May 2024	Floatables	None
D9	01 May 2024	Current Direction	S
D9	01 May 2024	Water Temp (C)	12.2
D9	01 May 2024	High Tide Time	249
D9	01 May 2024	Low Tide Time	1057
D9	01 May 2024	Comments	Water clear; Trash-1; Algae
D9	08 May 2024	Arrive Time	807
D9	08 May 2024	Wind Speed (kts)	0
D9	08 May 2024	Wind Dir	XX
D9	08 May 2024	Animal Life	

Station	Date	Parameter	Value
D9	08 May 2024	Floatables	None
D9	08 May 2024	Current Direction	S
D9	08 May 2024	Water Temp (C)	15.2
D9	08 May 2024	High Tide Time	1020
D9	08 May 2024	Low Tide Time	413
D9	08 May 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae; Person/Walker/Jogger-1
D9	15 May 2024	Arrive Time	814
D9	15 May 2024	Wind Speed (kts)	1.3
D9	15 May 2024	Wind Dir	NW
D9	15 May 2024	Animal Life	Bird-1; Dog-1;
D9	15 May 2024	Floatables	None
D9	15 May 2024	Current Direction	S
D9	15 May 2024	Water Temp (C)	14
D9	15 May 2024	High Tide Time	318
D9	15 May 2024	Low Tide Time	1056
D9	15 May 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae; Person/Walker/Jogger-1
D9	22 May 2024	Arrive Time	822
D9	22 May 2024	Wind Speed (kts)	0.7
D9	22 May 2024	Wind Dir	SW
D9	22 May 2024	Animal Life	
D9	22 May 2024	Floatables	None
D9	22 May 2024	Current Direction	S
D9	22 May 2024	Water Temp (C)	15.5
D9	22 May 2024	High Tide Time	937
D9	22 May 2024	Low Tide Time	332
D9	22 May 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D9	29 May 2024	Arrive Time	850
D9	29 May 2024	Wind Speed (kts)	3.1
D9	29 May 2024	Wind Dir	S
D9	29 May 2024	Animal Life	Dog-1;
D9	29 May 2024	Floatables	None
D9	29 May 2024	Current Direction	S
D9	29 May 2024	Water Temp (C)	12
D9	29 May 2024	High Tide Time	109
D9	29 May 2024	Low Tide Time	904
D9	29 May 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D10	01 May 2024	Arrive Time	758
D10	01 May 2024	Wind Speed (kts)	2.4
D10	01 May 2024	Wind Dir	S
D10	01 May 2024	Animal Life	
D10	01 May 2024	Floatables	None
D10	01 May 2024	Current Direction	S
D10	01 May 2024	Water Temp (C)	12
D10	01 May 2024	High Tide Time	249
D10	01 May 2024	Low Tide Time	1057
D10	01 May 2024	Comments	Water clear; Surfer/Paddle boarder-8; Trash-1; Kelp;Sea-grass; Person/Walker/Jogger-2
D10	08 May 2024	Arrive Time	759
D10	08 May 2024	Wind Speed (kts)	3.1
D10	08 May 2024	Wind Dir	SE
D10	08 May 2024	Animal Life	
D10	08 May 2024	Floatables	None
D10	08 May 2024	Current Direction	S
D10	08 May 2024	Water Temp (C)	14.8

Station	Date	Parameter	Value
D10	08 May 2024	High Tide Time	1020
D10	08 May 2024	Low Tide Time	413
D10	08 May 2024	Comments	Water clear; Surfer/Paddle boarder-4; Trash-1; Kelp;Sea-grass;Debris
D10	15 May 2024	Arrive Time	806
D10	15 May 2024	Wind Speed (kts)	2.9
D10	15 May 2024	Wind Dir	NW
D10	15 May 2024	Animal Life	
D10	15 May 2024	Floatables	None
D10	15 May 2024	Current Direction	S
D10	15 May 2024	Water Temp (C)	13.3
D10	15 May 2024	High Tide Time	318
D10	15 May 2024	Low Tide Time	1056
D10	15 May 2024	Comments	Water clear; Trash-1; Kelp;Seagrass
D10	22 May 2024	Arrive Time	811
D10	22 May 2024	Wind Speed (kts)	1.7
D10	22 May 2024	Wind Dir	W
D10	22 May 2024	Animal Life	
D10	22 May 2024	Floatables	None
D10	22 May 2024	Current Direction	S
D10	22 May 2024	Water Temp (C)	13.5
D10	22 May 2024	High Tide Time	937
D10	22 May 2024	Low Tide Time	332
D10	22 May 2024	Comments	Water clear; Trash-1; Kelp;Seagrass; Person/Walker/Jogger-1
D10	29 May 2024	Arrive Time	831
D10	29 May 2024	Wind Speed (kts)	3.3
D10	29 May 2024	Wind Dir	S
D10	29 May 2024	Animal Life	
D10	29 May 2024	Floatables	None
D10	29 May 2024	Current Direction	S
D10	29 May 2024	Water Temp (C)	12.1
D10	29 May 2024	High Tide Time	109
D10	29 May 2024	Low Tide Time	904
D10	29 May 2024	Comments	Water clear; Boogie boarder/Swimmer-2; Trash-1; Sea-grass;Kelp;Debris
D11	01 May 2024	Arrive Time	751
D11	01 May 2024	Wind Speed (kts)	0.7
D11	01 May 2024	Wind Dir	S
D11	01 May 2024	Animal Life	
D11	01 May 2024	Floatables	None
D11	01 May 2024	Current Direction	S
D11	01 May 2024	Water Temp (C)	12.9
D11	01 May 2024	High Tide Time	249
D11	01 May 2024	Low Tide Time	1057
D11	01 May 2024	Comments	Water clear; Surfer/Paddle boarder-6; Trash-1; Kelp;Sea-grass;Algae;Debris
D11	08 May 2024	Arrive Time	750
D11	08 May 2024	Wind Speed (kts)	4
D11	08 May 2024	Wind Dir	S
D11	08 May 2024	Animal Life	Dog-2;
D11	08 May 2024	Floatables	None
D11	08 May 2024	Current Direction	S
D11	08 May 2024	Water Temp (C)	13.4
D11	08 May 2024	High Tide Time	1020
D11	08 May 2024	Low Tide Time	413

Station	Date	Parameter	Value
D11	08 May 2024	Comments	Water clear; Surfer/Paddle boarder-7; Trash-1; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-1
D11	15 May 2024	Arrive Time	758
D11	15 May 2024	Wind Speed (kts)	3.4
D11	15 May 2024	Wind Dir	NW
D11	15 May 2024	Animal Life	
D11	15 May 2024	Floatables	None
D11	15 May 2024	Current Direction	S
D11	15 May 2024	Water Temp (C)	13.6
D11	15 May 2024	High Tide Time	318
D11	15 May 2024	Low Tide Time	1056
D11	15 May 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D11	22 May 2024	Arrive Time	802
D11	22 May 2024	Wind Speed (kts)	2.3
D11	22 May 2024	Wind Dir	W
D11	22 May 2024	Animal Life	
D11	22 May 2024	Floatables	None
D11	22 May 2024	Current Direction	S
D11	22 May 2024	Water Temp (C)	14.9
D11	22 May 2024	High Tide Time	937
D11	22 May 2024	Low Tide Time	332
D11	22 May 2024	Comments	Water clear; Trash-1; Seagrass;Algae;Kelp
D11	29 May 2024	Arrive Time	813
D11	29 May 2024	Wind Speed (kts)	4.2
D11	29 May 2024	Wind Dir	S
D11	29 May 2024	Animal Life	Dog-1;
D11	29 May 2024	Floatables	None
D11	29 May 2024	Current Direction	S
D11	29 May 2024	Water Temp (C)	14.2
D11	29 May 2024	High Tide Time	109
D11	29 May 2024	Low Tide Time	904
D11	29 May 2024	Comments	Water clear; Surfer/Paddle boarder-4; Trash-1; Kelp;Algae;Seagrass;Debris; Person/Walker/Jogger-1
D12	01 May 2024	Arrive Time	736
D12	01 May 2024	Wind Speed (kts)	2.2
D12	01 May 2024	Wind Dir	S
D12	01 May 2024	Animal Life	Bird-4
D12	01 May 2024	Floatables	None
D12	01 May 2024	Current Direction	S
D12	01 May 2024	Water Temp (C)	13.3
D12	01 May 2024	High Tide Time	249
D12	01 May 2024	Low Tide Time	1057
D12	01 May 2024	Comments	Water clear; Trash-2; Kelp;Seagrass;Debris; Person/Walker/Jogger-1
D12	08 May 2024	Arrive Time	736
D12	08 May 2024	Wind Speed (kts)	5.2
D12	08 May 2024	Wind Dir	S
D12	08 May 2024	Animal Life	Bird-1;
D12	08 May 2024	Floatables	None
D12	08 May 2024	Current Direction	S
D12	08 May 2024	Water Temp (C)	14.9
D12	08 May 2024	High Tide Time	1020
D12	08 May 2024	Low Tide Time	413
D12	08 May 2024	Comments	Water clear; Boogie boarder/Swimmer-1; Trash-2; Kelp;Seagrass

Station	Date	Parameter	Value
D12	15 May 2024	Arrive Time	742
D12	15 May 2024	Wind Speed (kts)	4
D12	15 May 2024	Wind Dir	NW
D12	15 May 2024	Animal Life	Bird-3;
D12	15 May 2024	Floatables	None
D12	15 May 2024	Current Direction	S
D12	15 May 2024	Water Temp (C)	14.6
D12	15 May 2024	High Tide Time	318
D12	15 May 2024	Low Tide Time	1056
D12	15 May 2024	Comments	Water clear; Trash-1; Kelp;Seagrass
D12	22 May 2024	Arrive Time	743
D12	22 May 2024	Wind Speed (kts)	3.1
D12	22 May 2024	Wind Dir	W
D12	22 May 2024	Animal Life	
D12	22 May 2024	Floatables	Foam
D12	22 May 2024	Current Direction	S
D12	22 May 2024	Water Temp (C)	18.2
D12	22 May 2024	High Tide Time	937
D12	22 May 2024	Low Tide Time	332
D12	22 May 2024	Comments	Water clear; Trash-1; Kelp;Seagrass
D12	29 May 2024	Arrive Time	748
D12	29 May 2024	Wind Speed (kts)	4.6
D12	29 May 2024	Wind Dir	S
D12	29 May 2024	Animal Life	
D12	29 May 2024	Floatables	None
D12	29 May 2024	Current Direction	S
D12	29 May 2024	Water Temp (C)	13.9
D12	29 May 2024	High Tide Time	109
D12	29 May 2024	Low Tide Time	904
D12	29 May 2024	Comments	Water clear; Fisherpersion-1; Trash-1; Kelp;Seagrass; Person/Walker/Jogger-3

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

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 3.3

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

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

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 3.5

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 May 2024	6	12	9	4	3	2	10	11
02 May 2024	*5	*12	*7	*3	*2	*2	*9	*8
03 May 2024	*5	*12	*7	*3	*2	*2	*9	*8
04 May 2024	*5	*12	*7	*3	*2	*2	*9	*8
05 May 2024	*5	*12	*7	*3	*2	*2	*9	*8
06 May 2024	4	12	5	3	3	3	9	9
07 May 2024	4	12	5	3	3	3	9	9
08 May 2024	4	12	5	3	3	3	9	9
09 May 2024	*3	*11	*5	*3	*3	*3	*6	*6
10 May 2024	*3	*11	*5	*3	*3	*3	*6	*6
11 May 2024	*3	*11	*5	*3	*3	*3	*6	*6
12 May 2024	*3	*11	*5	*3	*3	*3	*6	*6
13 May 2024	4	10	6	4	3	3	5	5
14 May 2024	4	10	6	4	3	3	5	5
15 May 2024	4	10	6	4	3	3	5	5
16 May 2024	*4	*12	*4	*5	*3	*3	*4	*4
17 May 2024	*4	*12	*4	*5	*3	*3	*4	*4
18 May 2024	*4	*12	*4	*5	*3	*3	*4	*4
19 May 2024	*4	*12	*4	*5	*3	*3	*4	*4
20 May 2024	6	13	7	4	3	3	6	4
21 May 2024	6	13	7	4	3	3	6	4
22 May 2024	6	13	7	4	3	3	6	4
23 May 2024	*6	*15	*7	*5	*3	*3	*8	*4
24 May 2024	*6	*15	*7	*5	*3	*3	*8	*4
25 May 2024	*6	*15	*7	*5	*3	*3	*8	*4
26 May 2024	*6	*15	*7	*5	*3	*3	*8	*4
27 May 2024	*6	*15	*7	*5	*3	*3	*8	*4
28 May 2024	5	10	6	4	3	3	6	5
29 May 2024	5	10	6	4	3	3	6	5
30 May 2024	*6	*8	*6	*3	*3	*3	*5	*5
31 May 2024	*6	*8	*6	*3	*3	*3	*5	*5

- Median calculated using n<5

Table 3.6

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
06 May 2024	IC	IC	IC	IC	IC	IC	IC	IC
13 May 2024	IC	IC	IC	IC	IC	IC	IC	IC
20 May 2024	IC	IC	IC	IC	IC	IC	IC	IC
28 May 2024	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 3.7

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
06 May 2024	IC	IC	IC	IC	IC	IC	IC	IC
13 May 2024	IC	IC	IC	IC	IC	IC	IC	IC
20 May 2024	IC	IC	IC	IC	IC	IC	IC	IC
28 May 2024	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 3.8

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

Station	Date	Time	Depth	Total	Fecal	Entero
A1	06 May 2024	807	1	<2	<2	<2
A1	06 May 2024	807	12	<2	<2	<2
A1	06 May 2024	807	18	<2	<2	<2
A1	13 May 2024	757	1	<2	<2	<2
A1	13 May 2024	757	12	8e	2e	<2
A1	13 May 2024	757	18	22e	4e	<2
A1	20 May 2024	745	1	<2	<2	<2
A1	20 May 2024	745	12	22e	4e	<2
A1	20 May 2024	745	18		12e	2e
A1	28 May 2024	848	1	<2	<2	<2
A1	28 May 2024	848	12	<2	<2	<2
A1	28 May 2024	848	18	2e	<2	<2
A6	06 May 2024	840	1	<20	<2	<2
A6	06 May 2024	840	12	<20	<2	<2
A6	06 May 2024	840	18	4e	<2	<2
A6	13 May 2024	836	1	2e	<2	<2
A6	13 May 2024	836	12	<2	<2	<2
A6	13 May 2024	836	18	20e	8e	<2
A6	20 May 2024	813	1	<2	<2	<2
A6	20 May 2024	813	12	2e	<2	<2
A6	20 May 2024	813	18		16e	2e
A6	28 May 2024	915	1	<2	2e	<2
A6	28 May 2024	915	12	<2	<2	<2
A6	28 May 2024	915	18	<2	<2	<2
A7	06 May 2024	833	1	<2	<2	<2
A7	06 May 2024	833	12	<2	<2	<2
A7	06 May 2024	833	18	<2	<2	<2
A7	13 May 2024	821	1	<2	<2	<2
A7	13 May 2024	821	12	4e	2e	<2
A7	13 May 2024	821	18	20e	6e	<2
A7	20 May 2024	759	1	<2	<2	<2
A7	20 May 2024	759	12	24e	4e	<2
A7	20 May 2024	759	18	80e	6e	<2
A7	28 May 2024	903	1	<2	<2	<2
A7	28 May 2024	903	12	<2	<2	<2
A7	28 May 2024	903	18	4e	<2	<2
C4	06 May 2024	958	1	<2	<2	<2
C4	06 May 2024	958	3	<2	<2	<2
C4	06 May 2024	958	9	2e	<2	<2

Station	Date	Time	Depth	Total	Fecal	Entero
C4	13 May 2024	944	1	2e	<2	<2
C4	13 May 2024	944	3	<20	<2	<2
C4	13 May 2024	944	9	<2	<2	<2
C4	20 May 2024	920	1	<2	<2	<2
C4	20 May 2024	920	3	<2	<2	<2
C4	20 May 2024	920	9	<2	<2	<2
C4	28 May 2024	1034	1	<2	<2	<2
C4	28 May 2024	1034	3	<2	<2	<2
C4	28 May 2024	1034	9	<2	<2	<2
C5	06 May 2024	948	1	<2	<2	<2
C5	06 May 2024	948	3	<2	<2	<2
C5	06 May 2024	948	9	<20	<2	<2
C5	13 May 2024	931	1	2e	<2	<2
C5	13 May 2024	931	3	<2	<2	<2
C5	13 May 2024	931	9	2e	<2	<2
C5	20 May 2024	909	1	2e	<2	<2
C5	20 May 2024	909	3	<2	<2	<2
C5	20 May 2024	909	9	<2	<2	<2
C5	28 May 2024	1024	1	<2	<2	<2
C5	28 May 2024	1024	3	<2	<2	<2
C5	28 May 2024	1024	9	<2	<2	<2
C6	06 May 2024	935	1	<2	<2	<2
C6	06 May 2024	935	3	<20	<2	<2
C6	06 May 2024	935	9	<20	<2	<2
C6	13 May 2024	920	1	<2	<2	<2
C6	13 May 2024	920	3	<2	<2	<2
C6	13 May 2024	920	9	<2	<2	<2
C6	20 May 2024	858	1	<2	<2	<2
C6	20 May 2024	858	3	<2	<2	<2
C6	20 May 2024	858	9	<2	<2	<2
C6	28 May 2024	1006	1	2e	<2	<2
C6	28 May 2024	1006	3	<2	<2	<2
C6	28 May 2024	1006	9	<2	<2	<2
C7	06 May 2024	902	1	<20	<2	<2
C7	06 May 2024	902	12	<2	<2	<2
C7	06 May 2024	902	18	2e	2e	<2
C7	13 May 2024	845	1	<2	<2	<2
C7	13 May 2024	845	12	<2	<2	<2
C7	13 May 2024	845	18	<2	<2	<2
C7	20 May 2024	827	1	2e	<2	<2
C7	20 May 2024	827	12	10e	2e	<2
C7	20 May 2024	827	18	40e	4e	<2
C7	28 May 2024	929	1	<2	<2	<2
C7	28 May 2024	929	12	2e	<2	<2
C7	28 May 2024	929	18	2e	<2	<2

Station	Date	Time	Depth	Total	Fecal	Entero
C8	06 May 2024	914	1	<20	<2	<2
C8	06 May 2024	914	12	<2	<2	<2
C8	06 May 2024	914	18	14e	<2	<2
C8	13 May 2024	900	1	2e	<2	<2
C8	13 May 2024	900	12	<2	<2	<2
C8	13 May 2024	900	18	4e	<2	<2
C8	20 May 2024	838	1	<2	2e	<2
C8	20 May 2024	838	12	<2	<2	<2
C8	20 May 2024	838	18	<2	2e	<2
C8	28 May 2024	948	1	<20	<2	<2
C8	28 May 2024	948	12	<2	<2	<2
C8	28 May 2024	948	18	6e	2e	<2

ns = not sampled
ND = no data

Table 3.9

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

Station	Date	Parameter	Value
A1	06 May 2024	Arrive Time	807
A1	06 May 2024	Depart Time	817
A1	06 May 2024	Air Temp (C)	13.7
A1	06 May 2024	Visibility (mi)	8
A1	06 May 2024	Wind Speed (kts)	3.4
A1	06 May 2024	Wind Dir	NE
A1	06 May 2024	Sea State	Light Chop
A1	06 May 2024	High Tide Time	2030
A1	06 May 2024	Low Tide Time	230
A1	06 May 2024	Comments	
A1	13 May 2024	Arrive Time	751
A1	13 May 2024	Depart Time	759
A1	13 May 2024	Air Temp (C)	15
A1	13 May 2024	Visibility (mi)	10
A1	13 May 2024	Wind Speed (kts)	0
A1	13 May 2024	Wind Dir	NW
A1	13 May 2024	Sea State	Light Chop
A1	13 May 2024	High Tide Time	36
A1	13 May 2024	Low Tide Time	848
A1	13 May 2024	Comments	
A1	20 May 2024	Arrive Time	745
A1	20 May 2024	Depart Time	749
A1	20 May 2024	Air Temp (C)	15.2
A1	20 May 2024	Visibility (mi)	10
A1	20 May 2024	Wind Speed (kts)	3
A1	20 May 2024	Wind Dir	W
A1	20 May 2024	Sea State	Light Chop
A1	20 May 2024	High Tide Time	1954
A1	20 May 2024	Low Tide Time	218
A1	20 May 2024	Comments	
A1	28 May 2024	Arrive Time	848
A1	28 May 2024	Depart Time	900
A1	28 May 2024	Air Temp (C)	14.4
A1	28 May 2024	Visibility (mi)	6
A1	28 May 2024	Wind Speed (kts)	2.2
A1	28 May 2024	Wind Dir	N
A1	28 May 2024	Sea State	Calm
A1	28 May 2024	High Tide Time	6
A1	28 May 2024	Low Tide Time	800
A1	28 May 2024	Comments	
C4	06 May 2024	Arrive Time	958
C4	06 May 2024	Depart Time	1003
C4	06 May 2024	Air Temp (C)	14.9
C4	06 May 2024	Visibility (mi)	8
C4	06 May 2024	Wind Speed (kts)	1.4
C4	06 May 2024	Wind Dir	NW
C4	06 May 2024	Sea State	Light Chop
C4	06 May 2024	High Tide Time	2030
C4	06 May 2024	Low Tide Time	230
C4	06 May 2024	Comments	
C4	13 May 2024	Arrive Time	944

Station	Date	Parameter	Value
C4	13 May 2024	Depart Time	953
C4	13 May 2024	Air Temp (C)	14.9
C4	13 May 2024	Visibility (mi)	10
C4	13 May 2024	Wind Speed (kts)	8.7
C4	13 May 2024	Wind Dir	W
C4	13 May 2024	Sea State	Light Chop
C4	13 May 2024	High Tide Time	36
C4	13 May 2024	Low Tide Time	848
C4	13 May 2024	Comments	Kelp; Kelp Debris; Seagrass
C4	20 May 2024	Arrive Time	920
C4	20 May 2024	Depart Time	923
C4	20 May 2024	Air Temp (C)	15.4
C4	20 May 2024	Visibility (mi)	10
C4	20 May 2024	Wind Speed (kts)	3.8
C4	20 May 2024	Wind Dir	W
C4	20 May 2024	Sea State	Regular Swell
C4	20 May 2024	High Tide Time	1954
C4	20 May 2024	Low Tide Time	218
C4	20 May 2024	Comments	
C4	28 May 2024	Arrive Time	1034
C4	28 May 2024	Depart Time	1039
C4	28 May 2024	Air Temp (C)	14.7
C4	28 May 2024	Visibility (mi)	6
C4	28 May 2024	Wind Speed (kts)	7
C4	28 May 2024	Wind Dir	W
C4	28 May 2024	Sea State	Calm
C4	28 May 2024	High Tide Time	6
C4	28 May 2024	Low Tide Time	800
C4	28 May 2024	Comments	Kelp; Possible Red Tide
A7	06 May 2024	Arrive Time	830
A7	06 May 2024	Depart Time	833
A7	06 May 2024	Air Temp (C)	14.5
A7	06 May 2024	Visibility (mi)	8
A7	06 May 2024	Wind Speed (kts)	3.1
A7	06 May 2024	Wind Dir	N
A7	06 May 2024	Sea State	Light Chop
A7	06 May 2024	High Tide Time	2030
A7	06 May 2024	Low Tide Time	230
A7	06 May 2024	Comments	
A7	13 May 2024	Arrive Time	806
A7	13 May 2024	Depart Time	823
A7	13 May 2024	Air Temp (C)	14.7
A7	13 May 2024	Visibility (mi)	10
A7	13 May 2024	Wind Speed (kts)	3.3
A7	13 May 2024	Wind Dir	SW
A7	13 May 2024	Sea State	Light Chop
A7	13 May 2024	High Tide Time	36
A7	13 May 2024	Low Tide Time	848
A7	13 May 2024	Comments	
A7	20 May 2024	Arrive Time	759
A7	20 May 2024	Depart Time	806
A7	20 May 2024	Air Temp (C)	15.2
A7	20 May 2024	Visibility (mi)	10
A7	20 May 2024	Wind Speed (kts)	4.1
A7	20 May 2024	Wind Dir	SW
A7	20 May 2024	Sea State	Light Chop

Station	Date	Parameter	Value
A7	20 May 2024	High Tide Time	1954
A7	20 May 2024	Low Tide Time	218
A7	20 May 2024	Comments	
A7	28 May 2024	Arrive Time	903
A7	28 May 2024	Depart Time	907
A7	28 May 2024	Air Temp (C)	14.5
A7	28 May 2024	Visibility (mi)	6
A7	28 May 2024	Wind Speed (kts)	1
A7	28 May 2024	Wind Dir	N
A7	28 May 2024	Sea State	Calm
A7	28 May 2024	High Tide Time	6
A7	28 May 2024	Low Tide Time	800
A7	28 May 2024	Comments	Kelp Debris
C5	06 May 2024	Arrive Time	948
C5	06 May 2024	Depart Time	953
C5	06 May 2024	Air Temp (C)	14.7
C5	06 May 2024	Visibility (mi)	8
C5	06 May 2024	Wind Speed (kts)	6.1
C5	06 May 2024	Wind Dir	W
C5	06 May 2024	Sea State	Light Chop
C5	06 May 2024	High Tide Time	2030
C5	06 May 2024	Low Tide Time	230
C5	06 May 2024	Comments	
C5	13 May 2024	Arrive Time	931
C5	13 May 2024	Depart Time	938
C5	13 May 2024	Air Temp (C)	14.8
C5	13 May 2024	Visibility (mi)	10
C5	13 May 2024	Wind Speed (kts)	4.5
C5	13 May 2024	Wind Dir	SW
C5	13 May 2024	Sea State	Light Chop
C5	13 May 2024	High Tide Time	36
C5	13 May 2024	Low Tide Time	848
C5	13 May 2024	Comments	
C5	20 May 2024	Arrive Time	909
C5	20 May 2024	Depart Time	915
C5	20 May 2024	Air Temp (C)	15.4
C5	20 May 2024	Visibility (mi)	10
C5	20 May 2024	Wind Speed (kts)	3.4
C5	20 May 2024	Wind Dir	W
C5	20 May 2024	Sea State	Regular Swell
C5	20 May 2024	High Tide Time	1954
C5	20 May 2024	Low Tide Time	218
C5	20 May 2024	Comments	Possible Red Tide
C5	28 May 2024	Arrive Time	1024
C5	28 May 2024	Depart Time	1029
C5	28 May 2024	Air Temp (C)	14.6
C5	28 May 2024	Visibility (mi)	6
C5	28 May 2024	Wind Speed (kts)	6.7
C5	28 May 2024	Wind Dir	W
C5	28 May 2024	Sea State	Calm
C5	28 May 2024	High Tide Time	6
C5	28 May 2024	Low Tide Time	800
C5	28 May 2024	Comments	Kelp; Possible Red Tide
A6	06 May 2024	Arrive Time	840
A6	06 May 2024	Depart Time	855

Station	Date	Parameter	Value
A6	06 May 2024	Air Temp (C)	14.4
A6	06 May 2024	Visibility (mi)	8
A6	06 May 2024	Wind Speed (kts)	6.7
A6	06 May 2024	Wind Dir	NW
A6	06 May 2024	Sea State	Light Chop
A6	06 May 2024	High Tide Time	2030
A6	06 May 2024	Low Tide Time	230
A6	06 May 2024	Comments	second cast to verify data
A6	13 May 2024	Arrive Time	829
A6	13 May 2024	Depart Time	836
A6	13 May 2024	Air Temp (C)	14.8
A6	13 May 2024	Visibility (mi)	10
A6	13 May 2024	Wind Speed (kts)	2
A6	13 May 2024	Wind Dir	W
A6	13 May 2024	Sea State	Light Chop
A6	13 May 2024	High Tide Time	36
A6	13 May 2024	Low Tide Time	848
A6	13 May 2024	Comments	
A6	20 May 2024	Arrive Time	813
A6	20 May 2024	Depart Time	817
A6	20 May 2024	Air Temp (C)	15.1
A6	20 May 2024	Visibility (mi)	10
A6	20 May 2024	Wind Speed (kts)	3
A6	20 May 2024	Wind Dir	W
A6	20 May 2024	Sea State	Regular Swell
A6	20 May 2024	High Tide Time	1954
A6	20 May 2024	Low Tide Time	218
A6	20 May 2024	Comments	
A6	28 May 2024	Arrive Time	915
A6	28 May 2024	Depart Time	919
A6	28 May 2024	Air Temp (C)	14.4
A6	28 May 2024	Visibility (mi)	6
A6	28 May 2024	Wind Speed (kts)	0
A6	28 May 2024	Wind Dir	NE
A6	28 May 2024	Sea State	Calm
A6	28 May 2024	High Tide Time	6
A6	28 May 2024	Low Tide Time	800
A6	28 May 2024	Comments	Kelp Debris
C6	06 May 2024	Arrive Time	935
C6	06 May 2024	Depart Time	940
C6	06 May 2024	Air Temp (C)	14.7
C6	06 May 2024	Visibility (mi)	8
C6	06 May 2024	Wind Speed (kts)	2.8
C6	06 May 2024	Wind Dir	NW
C6	06 May 2024	Sea State	Light Chop
C6	06 May 2024	High Tide Time	2030
C6	06 May 2024	Low Tide Time	230
C6	06 May 2024	Comments	
C6	13 May 2024	Arrive Time	920
C6	13 May 2024	Depart Time	926
C6	13 May 2024	Air Temp (C)	15
C6	13 May 2024	Visibility (mi)	10
C6	13 May 2024	Wind Speed (kts)	5.8
C6	13 May 2024	Wind Dir	S
C6	13 May 2024	Sea State	Light Chop
C6	13 May 2024	High Tide Time	36

Station	Date	Parameter	Value
C6	13 May 2024	Low Tide Time	848
C6	13 May 2024	Comments	Kelp Debris; Seagrass
C6	20 May 2024	Arrive Time	858
C6	20 May 2024	Depart Time	903
C6	20 May 2024	Air Temp (C)	15.4
C6	20 May 2024	Visibility (mi)	10
C6	20 May 2024	Wind Speed (kts)	3.5
C6	20 May 2024	Wind Dir	W
C6	20 May 2024	Sea State	Regular Swell
C6	20 May 2024	High Tide Time	1954
C6	20 May 2024	Low Tide Time	218
C6	20 May 2024	Comments	Possible Red Tide;
C6	28 May 2024	Arrive Time	1006
C6	28 May 2024	Depart Time	1017
C6	28 May 2024	Air Temp (C)	14.5
C6	28 May 2024	Visibility (mi)	6
C6	28 May 2024	Wind Speed (kts)	8.5
C6	28 May 2024	Wind Dir	SW
C6	28 May 2024	Sea State	Calm
C6	28 May 2024	High Tide Time	6
C6	28 May 2024	Low Tide Time	800
C6	28 May 2024	Comments	Kelp; Possible Red Tide
C7	06 May 2024	Arrive Time	902
C7	06 May 2024	Depart Time	907
C7	06 May 2024	Air Temp (C)	14.2
C7	06 May 2024	Visibility (mi)	8
C7	06 May 2024	Wind Speed (kts)	2.3
C7	06 May 2024	Wind Dir	NW
C7	06 May 2024	Sea State	Light Chop
C7	06 May 2024	High Tide Time	2030
C7	06 May 2024	Low Tide Time	230
C7	06 May 2024	Comments	
C7	13 May 2024	Arrive Time	845
C7	13 May 2024	Depart Time	854
C7	13 May 2024	Air Temp (C)	14.8
C7	13 May 2024	Visibility (mi)	10
C7	13 May 2024	Wind Speed (kts)	7.3
C7	13 May 2024	Wind Dir	SW
C7	13 May 2024	Sea State	Light Chop
C7	13 May 2024	High Tide Time	36
C7	13 May 2024	Low Tide Time	848
C7	13 May 2024	Comments	
C7	20 May 2024	Arrive Time	827
C7	20 May 2024	Depart Time	831
C7	20 May 2024	Air Temp (C)	15.5
C7	20 May 2024	Visibility (mi)	10
C7	20 May 2024	Wind Speed (kts)	0.9
C7	20 May 2024	Wind Dir	W
C7	20 May 2024	Sea State	Regular Swell
C7	20 May 2024	High Tide Time	1954
C7	20 May 2024	Low Tide Time	218
C7	20 May 2024	Comments	
C7	28 May 2024	Arrive Time	929
C7	28 May 2024	Depart Time	943
C7	28 May 2024	Air Temp (C)	14.5

Station	Date	Parameter	Value
C7	28 May 2024	Visibility (mi)	6
C7	28 May 2024	Wind Speed (kts)	1.9
C7	28 May 2024	Wind Dir	W
C7	28 May 2024	Sea State	Calm
C7	28 May 2024	High Tide Time	6
C7	28 May 2024	Low Tide Time	800
C7	28 May 2024	Comments	multiple attempts failed to acheive 18m. Tide very low.; Possible Red Tide
C8	06 May 2024	Arrive Time	914
C8	06 May 2024	Depart Time	919
C8	06 May 2024	Air Temp (C)	14.6
C8	06 May 2024	Visibility (mi)	8
C8	06 May 2024	Wind Speed (kts)	3.9
C8	06 May 2024	Wind Dir	W
C8	06 May 2024	Sea State	Light Chop
C8	06 May 2024	High Tide Time	2030
C8	06 May 2024	Low Tide Time	230
C8	06 May 2024	Comments	
C8	13 May 2024	Arrive Time	900
C8	13 May 2024	Depart Time	909
C8	13 May 2024	Air Temp (C)	15
C8	13 May 2024	Visibility (mi)	10
C8	13 May 2024	Wind Speed (kts)	5.2
C8	13 May 2024	Wind Dir	SW
C8	13 May 2024	Sea State	Light Chop
C8	13 May 2024	High Tide Time	36
C8	13 May 2024	Low Tide Time	848
C8	13 May 2024	Comments	
C8	20 May 2024	Arrive Time	838
C8	20 May 2024	Depart Time	842
C8	20 May 2024	Air Temp (C)	15.3
C8	20 May 2024	Visibility (mi)	10
C8	20 May 2024	Wind Speed (kts)	3.7
C8	20 May 2024	Wind Dir	SW
C8	20 May 2024	Sea State	Regular Swell
C8	20 May 2024	High Tide Time	1954
C8	20 May 2024	Low Tide Time	218
C8	20 May 2024	Comments	
C8	28 May 2024	Arrive Time	948
C8	28 May 2024	Depart Time	1000
C8	28 May 2024	Air Temp (C)	14.6
C8	28 May 2024	Visibility (mi)	6
C8	28 May 2024	Wind Speed (kts)	2.1
C8	28 May 2024	Wind Dir	NW
C8	28 May 2024	Sea State	Calm
C8	28 May 2024	High Tide Time	6
C8	28 May 2024	Low Tide Time	800
C8	28 May 2024	Comments	Possible Red Tide

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 2024	1	16.83	81.92	8.7	33.44	8.3	24.4	1.58
A1	06 May 2024	2	16.82	81.95	8.7	33.42	8.3	24.3	1.66
A1	06 May 2024	3	16.75	83.02	8.6	33.44	8.3	24.4	1.80
A1	06 May 2024	4	16.74	84.55	8.7	33.44	8.3	24.4	2.05
A1	06 May 2024	5	16.65	84.58	8.6	33.44	8.3	24.4	2.22
A1	06 May 2024	6	16.51	85.43	8.6	33.44	8.3	24.4	2.18
A1	06 May 2024	7	16.47	85.96	8.6	33.43	8.2	24.4	2.27
A1	06 May 2024	8	16.07	86.01	8.5	33.45	8.2	24.5	2.26
A1	06 May 2024	9	15.96	86.64	8.5	33.43	8.2	24.5	2.39
A1	06 May 2024	10	15.60	87.49	8.3	33.45	8.2	24.6	2.35
A1	06 May 2024	11	14.80	88.58	8.2	33.44	8.2	24.8	2.20
A1	06 May 2024	12	14.24	89.14	8.1	33.46	8.2	24.9	2.15
A1	06 May 2024	13	13.31	89.95	7.3	33.51	8.2	25.2	2.25
A1	06 May 2024	14	12.72	90.04	6.5	33.52	8.1	25.3	2.56
A1	06 May 2024	15	11.94	90.52	5.8	33.59	8.0	25.5	2.48
A1	06 May 2024	16	11.73	91.24	5.3	33.59	8.0	25.5	2.20
A1	06 May 2024	17	11.59	91.70	5.0	33.60	8.0	25.6	2.01
A1	06 May 2024	18	11.24	92.07	4.7	33.65	7.9	25.7	1.74
A1	06 May 2024	19	11.11	92.64	4.5	33.66	7.9	25.7	1.51
A1	13 May 2024	1	16.57	90.79	7.9	33.45	8.1	24.4	2.01
A1	13 May 2024	2	16.47	90.52	7.7	33.45	8.1	24.4	2.15
A1	13 May 2024	3	15.45	90.75	7.3	33.48	8.1	24.7	2.00
A1	13 May 2024	4	15.04	91.50	7.0	33.50	8.1	24.8	1.90
A1	13 May 2024	5	14.50	91.80	6.7	33.51	8.0	24.9	1.74
A1	13 May 2024	6	14.04	92.15	6.4	33.52	8.0	25.0	1.62
A1	13 May 2024	7	13.55	92.56	6.1	33.54	8.0	25.1	1.49
A1	13 May 2024	8	13.09	93.06	5.9	33.57	7.9	25.3	1.38
A1	13 May 2024	9	12.95	93.35	5.7	33.58	7.9	25.3	1.23
A1	13 May 2024	10	12.83	93.48	5.6	33.59	7.9	25.3	1.28
A1	13 May 2024	11	12.65	93.59	5.5	33.60	7.9	25.4	1.23
A1	13 May 2024	12	12.64	93.63	5.4	33.60	7.9	25.4	1.18
A1	13 May 2024	13	12.57	93.48	5.3	33.62	7.9	25.4	1.11
A1	13 May 2024	14	12.30	93.58	5.1	33.65	7.9	25.5	1.07
A1	13 May 2024	15	11.76	93.72	4.7	33.66	7.8	25.6	0.90
A1	13 May 2024	16	11.22	94.20	4.3	33.69	7.8	25.7	0.73
A1	13 May 2024	17	10.95	95.11	4.0	33.71	7.8	25.8	0.52
A1	13 May 2024	18	10.97	95.37	3.9	33.70	7.7	25.8	0.45
A1	20 May 2024	1	17.39	90.93	8.4	33.52	8.3	24.3	1.25
A1	20 May 2024	2	17.08	88.92	7.7	33.56	8.3	24.4	1.49
A1	20 May 2024	3	14.52	87.44	6.5	33.74	8.2	25.1	2.78
A1	20 May 2024	4	11.62	86.85	5.6	33.78	8.0	25.7	2.90
A1	20 May 2024	5	11.19	90.45	5.0	33.69	7.9	25.7	1.93
A1	20 May 2024	6	11.04	94.69	4.7	33.66	7.8	25.7	1.84
A1	20 May 2024	7	10.92	95.76	4.6	33.65	7.8	25.7	1.28
A1	20 May 2024	8	10.85	96.32	4.5	33.65	7.8	25.8	1.01
A1	20 May 2024	9	10.80	96.09	4.4	33.65	7.8	25.8	1.02
A1	20 May 2024	10	10.75	95.17	4.4	33.66	7.8	25.8	0.98
A1	20 May 2024	11	10.73	96.39	4.3	33.67	7.8	25.8	0.93
A1	20 May 2024	12	10.65	96.44	4.3	33.68	7.8	25.8	1.09
A1	20 May 2024	13	10.54	96.35	4.3	33.69	7.8	25.8	0.83
A1	20 May 2024	14	10.51	95.99	4.2	33.71	7.8	25.9	0.81
A1	20 May 2024	15	10.52	95.76	4.1	33.71	7.8	25.9	0.77
A1	20 May 2024	16	10.47	95.44	4.0	33.72	7.8	25.9	0.73

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A1	20 May 2024	17	10.46	94.78	4.0	33.73	7.8	25.9	0.71
A1	20 May 2024	18	10.46	94.18	3.9	33.73	7.8	25.9	0.59
A1	20 May 2024	19	10.46	94.11	3.9	33.74	7.8	25.9	0.60
A1	28 May 2024	1	15.39	81.06	8.0	33.59	8.2	24.8	5.21
A1	28 May 2024	2	13.82	81.52	7.0	33.62	8.2	25.2	4.93
A1	28 May 2024	3	12.87	84.28	6.0	33.58	8.0	25.3	3.51
A1	28 May 2024	4	12.35	87.94	5.5	33.59	7.9	25.4	2.56
A1	28 May 2024	5	12.12	92.03	5.2	33.59	7.9	25.5	1.91
A1	28 May 2024	6	12.02	94.00	5.0	33.59	7.9	25.5	1.71
A1	28 May 2024	7	11.99	94.87	4.9	33.59	7.9	25.5	1.45
A1	28 May 2024	8	11.95	95.16	4.9	33.60	7.9	25.5	1.35
A1	28 May 2024	9	11.92	95.39	4.9	33.61	7.9	25.5	1.48
A1	28 May 2024	10	11.90	95.57	4.8	33.62	7.9	25.5	1.36
A1	28 May 2024	11	11.87	95.36	4.8	33.63	7.9	25.6	1.38
A1	28 May 2024	12	11.84	95.54	4.8	33.64	7.9	25.6	1.31
A1	28 May 2024	13	11.66	95.33	4.7	33.66	7.9	25.6	1.24
A1	28 May 2024	14	11.40	95.41	4.5	33.69	7.8	25.7	1.32
A1	28 May 2024	15	10.90	95.87	4.3	33.73	7.8	25.8	1.09
A1	28 May 2024	16	10.49	96.17	4.1	33.75	7.8	25.9	0.95
A1	28 May 2024	17	10.42	96.70	3.9	33.78	7.8	25.9	0.87
A1	28 May 2024	18	10.44	97.02	3.9	33.77	7.8	25.9	0.82
C4	06 May 2024	1	16.26	69.01	8.5	33.47	8.2	24.5	1.14
C4	06 May 2024	2	16.28	76.67	8.4	33.47	8.2	24.5	1.18
C4	06 May 2024	3	16.05	82.50	8.4	33.48	8.2	24.6	1.40
C4	06 May 2024	4	15.93	82.51	8.3	33.47	8.2	24.6	1.72
C4	06 May 2024	5	15.84	83.43	8.3	33.47	8.2	24.6	2.07
C4	06 May 2024	6	15.69	83.67	8.3	33.47	8.2	24.6	2.65
C4	06 May 2024	7	15.58	82.32	8.3	33.47	8.2	24.7	3.29
C4	06 May 2024	8	15.48	81.51	8.0	33.48	8.2	24.7	3.50
C4	06 May 2024	9	15.09	81.34	7.3	33.51	8.2	24.8	3.48
C4	06 May 2024	10	13.42	80.09	6.4	33.66	8.1	25.3	2.75
C4	06 May 2024	11	12.69	79.42	5.6	33.61	8.0	25.4	1.84
C4	06 May 2024	12	12.57	75.97	5.3	33.60	7.9	25.4	1.43
C4	13 May 2024	1	16.51	86.04	7.8	33.51	8.2	24.5	2.27
C4	13 May 2024	2	16.46	85.66	7.8	33.51	8.2	24.5	2.45
C4	13 May 2024	3	16.36	86.15	7.7	33.50	8.2	24.5	2.51
C4	13 May 2024	4	16.13	86.92	7.6	33.51	8.1	24.6	2.35
C4	13 May 2024	5	15.82	87.81	7.3	33.51	8.1	24.6	2.05
C4	13 May 2024	6	15.73	88.69	7.0	33.52	8.1	24.7	1.49
C4	13 May 2024	7	15.20	89.78	6.3	33.54	8.1	24.8	1.11
C4	13 May 2024	8	13.13	89.22	5.7	33.61	8.0	25.3	0.85
C4	13 May 2024	9	12.29	86.76	5.2	33.65	7.9	25.5	0.68
C4	13 May 2024	10	12.22	85.62	4.9	33.63	7.9	25.5	0.58
C4	13 May 2024	11	12.49	82.84	5.0	33.60	7.9	25.4	0.52
C4	13 May 2024	12	13.90	81.09	5.1	33.54	7.9	25.1	0.58
C4	20 May 2024	1	16.19	73.77	8.3	33.58	8.3	24.6	4.58
C4	20 May 2024	2	15.88	72.94	8.1	33.61	8.3	24.7	5.03
C4	20 May 2024	3	15.27	71.96	7.6	33.66	8.3	24.9	5.17
C4	20 May 2024	4	14.27	73.91	6.8	33.69	8.2	25.1	3.62
C4	20 May 2024	5	13.09	79.02	6.0	33.71	8.1	25.4	2.21
C4	20 May 2024	6	11.61	80.57	5.2	33.75	8.0	25.7	1.38
C4	20 May 2024	7	11.16	86.98	4.6	33.68	7.9	25.7	0.88
C4	20 May 2024	8	11.06	89.51	4.3	33.67	7.8	25.7	0.61
C4	20 May 2024	9	10.94	88.69	4.2	33.67	7.8	25.8	0.47
C4	20 May 2024	10	10.90	87.63	4.1	33.67	7.8	25.8	0.46
C4	20 May 2024	11	10.88	84.13	4.1	33.67	7.8	25.8	0.42

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C4	28 May 2024	1	15.68	81.52	8.1	33.62	8.3	24.8	4.23
C4	28 May 2024	2	14.77	82.61	7.5	33.67	8.2	25.0	3.81
C4	28 May 2024	3	14.32	83.57	6.7	33.63	8.1	25.1	2.98
C4	28 May 2024	4	13.41	85.90	6.0	33.69	8.1	25.3	2.19
C4	28 May 2024	5	12.83	89.68	5.4	33.67	8.0	25.4	1.42
C4	28 May 2024	6	12.47	92.94	4.9	33.66	7.9	25.5	0.99
C4	28 May 2024	7	12.13	93.81	4.6	33.66	7.9	25.5	0.78
C4	28 May 2024	8	11.82	94.12	4.5	33.66	7.9	25.6	0.70
C4	28 May 2024	9	11.71	93.61	4.4	33.66	7.8	25.6	0.63
C4	28 May 2024	10	11.66	93.10	4.3	33.66	7.8	25.6	0.57
C4	28 May 2024	11	11.67	93.44	4.3	33.66	7.8	25.6	0.56
A7	06 May 2024	1	17.08	76.41	8.8	33.44	8.2	24.3	1.21
A7	06 May 2024	2	17.07	80.37	8.8	33.44	8.2	24.3	1.40
A7	06 May 2024	3	17.06	83.75	8.8	33.44	8.2	24.3	1.71
A7	06 May 2024	4	16.94	83.92	8.7	33.44	8.2	24.3	1.97
A7	06 May 2024	5	16.32	84.32	8.6	33.46	8.2	24.5	2.14
A7	06 May 2024	6	15.87	85.49	8.3	33.45	8.2	24.6	2.55
A7	06 May 2024	7	15.19	84.45	8.2	33.48	8.2	24.8	3.22
A7	06 May 2024	8	14.76	83.24	8.0	33.45	8.2	24.8	3.68
A7	06 May 2024	9	14.28	83.98	7.3	33.52	8.2	25.0	3.57
A7	06 May 2024	10	12.94	85.77	6.7	33.57	8.1	25.3	3.06
A7	06 May 2024	11	12.92	87.97	6.2	33.53	8.0	25.3	2.69
A7	06 May 2024	12	12.60	88.51	5.9	33.56	8.0	25.4	2.46
A7	06 May 2024	13	12.07	89.02	5.6	33.59	8.0	25.5	2.34
A7	06 May 2024	14	12.04	90.03	5.3	33.58	7.9	25.5	2.11
A7	06 May 2024	15	11.59	90.33	4.9	33.62	7.9	25.6	1.83
A7	06 May 2024	16	11.53	90.45	4.8	33.62	7.9	25.6	1.70
A7	06 May 2024	17	11.51	90.37	4.7	33.62	7.9	25.6	1.69
A7	06 May 2024	18	11.53	90.69	4.7	33.62	7.8	25.6	1.64
A7	06 May 2024	19	11.46	90.75	4.6	33.63	7.8	25.6	1.59
A7	06 May 2024	20	11.47	90.56	4.6	33.63	7.8	25.6	1.52
A7	13 May 2024	1	16.80	91.06	7.9	33.43	8.1	24.4	2.06
A7	13 May 2024	2	16.86	91.29	7.9	33.44	8.1	24.3	2.18
A7	13 May 2024	3	16.62	91.22	7.8	33.44	8.1	24.4	2.26
A7	13 May 2024	4	16.16	90.68	7.6	33.46	8.1	24.5	2.33
A7	13 May 2024	5	15.64	90.35	7.3	33.47	8.1	24.6	2.35
A7	13 May 2024	6	14.98	90.75	7.1	33.49	8.1	24.8	2.28
A7	13 May 2024	7	14.56	91.12	6.8	33.50	8.0	24.9	2.19
A7	13 May 2024	8	14.19	91.37	6.6	33.51	8.0	25.0	1.99
A7	13 May 2024	9	13.82	91.72	6.4	33.52	8.0	25.1	1.89
A7	13 May 2024	10	13.60	92.40	6.2	33.53	8.0	25.1	1.75
A7	13 May 2024	11	13.41	92.90	6.1	33.54	8.0	25.2	1.70
A7	13 May 2024	12	13.30	93.08	6.0	33.54	8.0	25.2	1.57
A7	13 May 2024	13	13.02	93.19	5.8	33.55	7.9	25.3	1.50
A7	13 May 2024	14	12.86	93.61	5.7	33.56	7.9	25.3	1.42
A7	13 May 2024	15	12.81	93.83	5.6	33.57	7.9	25.3	1.30
A7	13 May 2024	16	12.73	94.00	5.5	33.58	7.9	25.3	1.29
A7	13 May 2024	17	12.63	94.20	5.4	33.59	7.9	25.4	1.29
A7	13 May 2024	18	12.62	94.36	5.3	33.59	7.9	25.4	1.19
A7	13 May 2024	19	12.34	94.72	5.2	33.61	7.9	25.4	1.02
A7	13 May 2024	20	12.26	91.38	5.0	33.63	7.9	25.5	0.94
A7	20 May 2024	1	17.51	90.65	8.7	33.52	8.3	24.3	1.08
A7	20 May 2024	2	17.50	90.72	8.6	33.52	8.3	24.3	1.12
A7	20 May 2024	3	16.84	90.64	8.0	33.58	8.3	24.5	1.52
A7	20 May 2024	4	15.00	89.01	7.2	33.63	8.2	24.9	3.79
A7	20 May 2024	5	13.76	84.19	6.5	33.61	8.1	25.2	4.24
A7	20 May 2024	6	13.15	86.05	5.8	33.62	8.0	25.3	3.23
A7	20 May 2024	7	11.98	89.60	5.2	33.68	8.0	25.6	2.05

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A7	20 May 2024	8	11.56	92.60	4.8	33.64	7.9	25.6	1.60
A7	20 May 2024	9	10.93	93.71	4.6	33.67	7.9	25.8	1.35
A7	20 May 2024	10	10.92	95.35	4.5	33.63	7.8	25.7	1.22
A7	20 May 2024	11	10.64	96.17	4.3	33.71	7.8	25.8	1.12
A7	20 May 2024	12	10.51	95.74	4.1	33.71	7.8	25.9	1.06
A7	20 May 2024	13	10.53	94.12	4.0	33.72	7.8	25.9	0.86
A7	20 May 2024	14	10.48	93.90	3.9	33.74	7.8	25.9	0.83
A7	20 May 2024	15	10.41	92.83	3.8	33.75	7.8	25.9	0.80
A7	20 May 2024	16	10.41	92.48	3.8	33.75	7.8	25.9	0.78
A7	20 May 2024	17	10.39	92.54	3.7	33.76	7.8	25.9	0.76
A7	20 May 2024	18	10.38	92.37	3.7	33.77	7.8	25.9	0.72
A7	28 May 2024	1	14.96	78.69	7.5	33.61	8.2	24.9	6.47
A7	28 May 2024	2	13.61	78.85	6.8	33.70	8.1	25.3	5.56
A7	28 May 2024	3	13.10	83.90	6.0	33.64	8.0	25.3	3.59
A7	28 May 2024	4	12.51	89.56	5.5	33.65	8.0	25.4	2.52
A7	28 May 2024	5	12.21	92.87	5.2	33.63	7.9	25.5	1.89
A7	28 May 2024	6	11.97	94.24	4.9	33.64	7.9	25.5	1.62
A7	28 May 2024	7	11.71	94.84	4.8	33.63	7.9	25.6	1.74
A7	28 May 2024	8	11.37	95.43	4.6	33.65	7.8	25.7	1.35
A7	28 May 2024	9	11.28	96.80	4.4	33.64	7.8	25.7	1.10
A7	28 May 2024	10	11.22	97.16	4.4	33.65	7.8	25.7	1.03
A7	28 May 2024	11	11.18	97.37	4.3	33.65	7.8	25.7	1.02
A7	28 May 2024	12	11.18	97.45	4.3	33.66	7.8	25.7	0.90
A7	28 May 2024	13	11.18	97.20	4.3	33.67	7.8	25.7	0.83
A7	28 May 2024	14	11.18	97.47	4.3	33.67	7.8	25.7	0.78
A7	28 May 2024	15	11.17	97.36	4.2	33.68	7.8	25.7	0.77
A7	28 May 2024	16	11.17	97.25	4.2	33.68	7.8	25.7	0.87
A7	28 May 2024	17	11.17	97.29	4.2	33.68	7.8	25.7	0.76
A7	28 May 2024	18	11.13	97.13	4.2	33.69	7.8	25.7	0.75
A7	28 May 2024	19	11.00	97.08	4.1	33.71	7.8	25.8	0.75
C5	06 May 2024	1	17.20	83.42	8.9	33.44	8.3	24.3	1.06
C5	06 May 2024	2	17.29	83.48	8.7	33.44	8.3	24.2	0.93
C5	06 May 2024	3	16.95	83.39	8.5	33.48	8.3	24.4	1.04
C5	06 May 2024	4	16.59	82.96	8.2	33.51	8.2	24.5	1.40
C5	06 May 2024	5	16.37	82.49	8.1	33.51	8.2	24.5	2.12
C5	06 May 2024	6	16.23	80.73	8.0	33.51	8.2	24.5	3.29
C5	06 May 2024	7	16.10	78.83	7.8	33.51	8.2	24.6	4.29
C5	06 May 2024	8	15.42	77.44	7.6	33.54	8.2	24.8	4.99
C5	06 May 2024	9	15.19	78.41	7.1	33.52	8.2	24.8	4.41
C5	06 May 2024	10	13.67	78.77	6.2	33.64	8.1	25.2	3.37
C5	06 May 2024	11	12.56	80.34	5.6	33.59	8.0	25.4	1.87
C5	13 May 2024	1	16.87	87.17	8.1	33.46	8.2	24.4	2.52
C5	13 May 2024	2	16.84	87.11	8.1	33.47	8.2	24.4	2.59
C5	13 May 2024	3	16.74	86.85	8.0	33.48	8.2	24.4	2.98
C5	13 May 2024	4	16.52	86.92	7.8	33.49	8.2	24.5	2.63
C5	13 May 2024	5	15.98	88.30	7.5	33.52	8.1	24.6	1.99
C5	13 May 2024	6	15.51	90.31	7.0	33.54	8.1	24.7	1.42
C5	13 May 2024	7	14.31	91.16	6.3	33.60	8.1	25.0	1.03
C5	13 May 2024	8	12.64	91.40	5.8	33.64	8.0	25.4	0.80
C5	13 May 2024	9	12.27	90.68	5.5	33.63	7.9	25.5	0.66
C5	13 May 2024	10	12.41	90.33	5.4	33.62	7.9	25.4	0.55
C5	13 May 2024	11	12.80	89.16	5.4	33.60	7.9	25.4	0.57
C5	20 May 2024	1	16.91	80.74	9.1	33.56	8.4	24.4	2.37
C5	20 May 2024	2	16.83	77.95	9.0	33.56	8.4	24.4	4.03
C5	20 May 2024	3	16.24	72.06	8.2	33.60	8.3	24.6	10.50
C5	20 May 2024	4	14.53	72.56	6.8	33.62	8.2	25.0	7.45
C5	20 May 2024	5	13.83	81.59	6.0	33.62	8.1	25.2	3.91

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C5	20 May 2024	6	12.42	89.28	5.5	33.65	8.0	25.5	2.01
C5	20 May 2024	7	12.05	92.32	5.1	33.64	8.0	25.5	0.98
C5	20 May 2024	8	11.71	92.48	4.8	33.64	7.9	25.6	0.65
C5	20 May 2024	9	11.65	90.44	4.6	33.63	7.9	25.6	0.54
C5	20 May 2024	10	11.63	85.48	4.5	33.63	7.9	25.6	0.50
C5	20 May 2024	11	11.64	80.24	4.4	33.64	7.9	25.6	0.46
C5	28 May 2024	1	16.19	35.64	11.1	33.63	8.4	24.6	44.56
C5	28 May 2024	2	16.22	34.96	10.9	33.63	8.4	24.6	43.87
C5	28 May 2024	3	16.06	35.21	10.2	33.64	8.4	24.7	39.27
C5	28 May 2024	4	15.64	39.06	9.2	33.65	8.3	24.8	26.08
C5	28 May 2024	5	15.11	51.80	7.8	33.64	8.2	24.9	13.96
C5	28 May 2024	6	13.64	73.94	6.4	33.70	8.1	25.2	6.29
C5	28 May 2024	7	11.97	86.91	5.5	33.72	8.0	25.6	3.10
C5	28 May 2024	8	11.42	94.68	4.9	33.67	7.9	25.7	1.91
C5	28 May 2024	9	11.29	95.95	4.5	33.66	7.8	25.7	1.19
C5	28 May 2024	10	11.20	96.27	4.3	33.66	7.8	25.7	1.00
C5	28 May 2024	11	11.16	96.23	4.2	33.66	7.8	25.7	0.72
A6	06 May 2024	1	17.07	78.01	9.0	33.46	8.3	24.3	1.60
A6	06 May 2024	2	17.01	80.52	8.9	33.47	8.3	24.3	1.69
A6	06 May 2024	3	16.86	80.46	8.8	33.47	8.3	24.4	2.15
A6	06 May 2024	4	16.79	80.49	8.6	33.48	8.3	24.4	2.68
A6	06 May 2024	5	16.59	80.26	8.4	33.49	8.3	24.4	2.90
A6	06 May 2024	6	16.18	79.99	8.2	33.50	8.3	24.6	3.18
A6	06 May 2024	7	16.02	80.63	8.1	33.48	8.2	24.6	3.48
A6	06 May 2024	8	15.48	80.74	8.0	33.50	8.2	24.7	3.78
A6	06 May 2024	9	15.14	80.53	7.9	33.49	8.2	24.8	4.30
A6	06 May 2024	10	15.18	80.39	7.8	33.48	8.2	24.8	4.33
A6	06 May 2024	11	15.08	80.33	7.7	33.48	8.2	24.8	4.61
A6	06 May 2024	12	14.73	79.84	7.6	33.50	8.2	24.9	4.83
A6	06 May 2024	13	14.60	80.54	7.5	33.49	8.1	24.9	5.01
A6	06 May 2024	14	14.37	80.68	7.0	33.51	8.1	25.0	4.74
A6	06 May 2024	15	13.13	82.23	6.6	33.59	8.1	25.3	4.23
A6	06 May 2024	16	12.63	85.53	6.3	33.58	8.0	25.4	3.84
A6	06 May 2024	17	12.57	88.37	6.0	33.56	8.0	25.4	3.29
A6	06 May 2024	18	12.24	88.72	5.6	33.61	8.0	25.5	2.99
A6	06 May 2024	19	11.43	89.93	5.2	33.69	7.9	25.7	2.68
A6	13 May 2024	1	16.95	88.67	8.1	33.45	8.2	24.3	3.29
A6	13 May 2024	2	16.88	88.69	8.0	33.45	8.2	24.4	3.23
A6	13 May 2024	3	16.81	89.16	8.0	33.45	8.2	24.4	2.83
A6	13 May 2024	4	16.78	89.69	8.0	33.45	8.2	24.4	2.65
A6	13 May 2024	5	16.74	89.77	7.9	33.45	8.2	24.4	2.53
A6	13 May 2024	6	16.64	89.94	7.9	33.45	8.1	24.4	2.60
A6	13 May 2024	7	16.50	90.00	7.8	33.45	8.1	24.4	2.61
A6	13 May 2024	8	16.21	90.00	7.6	33.46	8.1	24.5	2.81
A6	13 May 2024	9	15.66	90.03	7.4	33.47	8.1	24.6	2.79
A6	13 May 2024	10	15.07	90.14	7.2	33.49	8.1	24.8	2.53
A6	13 May 2024	11	14.85	90.43	6.9	33.49	8.1	24.8	2.51
A6	13 May 2024	12	14.34	90.92	6.6	33.50	8.0	25.0	2.29
A6	13 May 2024	13	13.74	91.23	6.4	33.52	8.0	25.1	2.33
A6	13 May 2024	14	13.39	91.78	6.2	33.54	8.0	25.2	2.10
A6	13 May 2024	15	13.29	92.20	6.0	33.55	8.0	25.2	2.05
A6	13 May 2024	16	13.09	92.67	5.8	33.56	8.0	25.3	1.75
A6	13 May 2024	17	13.00	93.19	5.7	33.57	7.9	25.3	1.65
A6	13 May 2024	18	13.00	93.78	5.6	33.58	7.9	25.3	1.53
A6	13 May 2024	19	12.98	81.70	5.6	33.59	7.9	25.3	1.54
A6	20 May 2024	1	17.14	88.56	8.8	33.52	8.3	24.3	1.50
A6	20 May 2024	2	16.93	88.31	8.5	33.53	8.3	24.4	1.79

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A6	20 May 2024	3	16.48	88.77	7.6	33.53	8.3	24.5	2.25
A6	20 May 2024	4	13.39	87.51	6.5	33.70	8.2	25.3	2.53
A6	20 May 2024	5	12.65	87.70	5.7	33.62	8.0	25.4	2.02
A6	20 May 2024	6	12.37	90.27	5.2	33.61	8.0	25.4	1.60
A6	20 May 2024	7	11.89	92.41	5.0	33.64	7.9	25.6	1.33
A6	20 May 2024	8	11.75	93.26	4.8	33.62	7.9	25.6	1.17
A6	20 May 2024	9	11.65	94.08	4.6	33.65	7.9	25.6	1.06
A6	20 May 2024	10	11.49	94.45	4.6	33.64	7.9	25.6	0.94
A6	20 May 2024	11	11.51	94.38	4.5	33.64	7.9	25.6	0.94
A6	20 May 2024	12	11.50	94.31	4.5	33.65	7.9	25.6	0.98
A6	20 May 2024	13	11.45	94.25	4.4	33.65	7.9	25.6	0.99
A6	20 May 2024	14	11.35	94.37	4.4	33.66	7.9	25.7	0.99
A6	20 May 2024	15	11.03	94.52	4.3	33.70	7.8	25.8	0.91
A6	20 May 2024	16	10.72	95.10	4.2	33.71	7.8	25.8	0.94
A6	20 May 2024	17	10.56	95.72	4.1	33.72	7.8	25.9	0.97
A6	20 May 2024	18	10.49	95.19	4.0	33.73	7.8	25.9	1.02
A6	20 May 2024	19	10.43	93.65	3.9	33.75	7.8	25.9	0.92
A6	28 May 2024	1	14.55	82.35	7.4	33.68	8.2	25.1	7.77
A6	28 May 2024	2	13.17	85.02	6.4	33.65	8.1	25.3	5.28
A6	28 May 2024	3	12.91	88.10	5.8	33.61	8.0	25.3	3.70
A6	28 May 2024	4	12.88	90.54	5.6	33.61	8.0	25.3	3.22
A6	28 May 2024	5	12.55	90.91	5.4	33.62	7.9	25.4	2.71
A6	28 May 2024	6	12.23	91.36	5.2	33.64	7.9	25.5	2.01
A6	28 May 2024	7	12.05	93.99	5.0	33.65	7.9	25.5	1.60
A6	28 May 2024	8	12.03	95.20	4.8	33.64	7.9	25.5	1.37
A6	28 May 2024	9	11.95	95.46	4.8	33.65	7.9	25.6	1.14
A6	28 May 2024	10	11.95	95.64	4.7	33.65	7.9	25.5	1.11
A6	28 May 2024	11	11.93	95.64	4.6	33.65	7.9	25.6	1.18
A6	28 May 2024	12	11.89	95.76	4.6	33.66	7.9	25.6	1.01
A6	28 May 2024	13	11.85	96.04	4.6	33.66	7.8	25.6	0.91
A6	28 May 2024	14	11.85	96.08	4.5	33.66	7.8	25.6	0.93
A6	28 May 2024	15	11.82	96.23	4.5	33.67	7.8	25.6	0.91
A6	28 May 2024	16	11.75	96.09	4.4	33.67	7.8	25.6	1.09
A6	28 May 2024	17	11.73	96.17	4.4	33.67	7.8	25.6	0.82
A6	28 May 2024	18	11.21	96.20	4.3	33.73	7.8	25.8	0.77
A6	28 May 2024	19	10.98	96.56	4.2	33.72	7.8	25.8	0.59
C6	06 May 2024	1	16.95	76.47	8.6	33.47	8.3	24.4	1.42
C6	06 May 2024	2	16.90	72.97	8.5	33.48	8.3	24.4	1.46
C6	06 May 2024	3	16.42	77.93	8.1	33.51	8.3	24.5	2.09
C6	06 May 2024	4	16.21	78.04	7.6	33.52	8.2	24.6	2.43
C6	06 May 2024	5	15.90	77.71	7.4	33.53	8.2	24.6	3.06
C6	06 May 2024	6	15.56	76.67	7.4	33.52	8.2	24.7	5.19
C6	06 May 2024	7	15.27	73.72	7.2	33.52	8.2	24.8	5.18
C6	06 May 2024	8	14.63	75.51	6.6	33.53	8.1	24.9	4.47
C6	06 May 2024	9	12.94	79.52	6.0	33.63	8.1	25.3	3.06
C6	06 May 2024	10	12.24	81.50	5.7	33.62	8.0	25.5	2.20
C6	13 May 2024	1	16.83	89.77	7.7	33.45	8.2	24.4	1.61
C6	13 May 2024	2	16.80	89.81	7.7	33.46	8.2	24.4	1.69
C6	13 May 2024	3	16.69	89.40	7.7	33.45	8.1	24.4	1.90
C6	13 May 2024	4	16.44	89.68	7.6	33.45	8.1	24.5	2.09
C6	13 May 2024	5	16.09	90.84	7.3	33.48	8.1	24.6	1.85
C6	13 May 2024	6	15.55	92.13	6.9	33.51	8.1	24.7	1.32
C6	13 May 2024	7	14.53	92.48	6.3	33.55	8.1	25.0	0.97
C6	13 May 2024	8	12.79	92.56	5.6	33.63	8.0	25.4	0.71
C6	13 May 2024	9	14.02	91.52	5.9	33.52	7.9	25.0	0.72
C6	20 May 2024	1	17.06	77.99	9.1	33.57	8.4	24.4	2.92
C6	20 May 2024	2	16.72	76.71	8.9	33.59	8.4	24.5	4.98

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C6	20 May 2024	3	16.44	72.11	8.1	33.57	8.3	24.6	7.90
C6	20 May 2024	4	15.00	72.06	7.0	33.69	8.3	25.0	5.78
C6	20 May 2024	5	13.76	77.33	6.0	33.65	8.1	25.2	3.05
C6	20 May 2024	6	12.93	84.25	5.6	33.65	8.0	25.4	1.93
C6	20 May 2024	7	12.39	88.64	5.2	33.64	8.0	25.5	1.32
C6	20 May 2024	8	12.06	91.54	4.8	33.65	7.9	25.5	0.93
C6	20 May 2024	9	11.66	90.73	4.5	33.65	7.9	25.6	0.55
C6	28 May 2024	1	16.20	54.23	9.7	33.63	8.3	24.6	26.42
C6	28 May 2024	2	16.28	54.11	9.8	33.63	8.3	24.6	28.02
C6	28 May 2024	3	16.21	52.92	9.4	33.63	8.4	24.6	27.89
C6	28 May 2024	4	15.56	54.14	8.5	33.66	8.3	24.8	19.28
C6	28 May 2024	5	15.13	67.80	7.4	33.65	8.2	24.9	10.67
C6	28 May 2024	6	14.14	80.64	6.4	33.69	8.1	25.1	6.50
C6	28 May 2024	7	12.56	88.44	5.4	33.73	8.0	25.5	2.96
C6	28 May 2024	8	11.57	93.30	4.6	33.70	7.9	25.7	1.60
C6	28 May 2024	9	11.47	93.69	4.3	33.66	7.8	25.6	0.93
C7	06 May 2024	1	16.23	78.70	8.3	33.47	8.2	24.5	2.44
C7	06 May 2024	2	16.16	72.03	8.3	33.48	8.2	24.5	2.54
C7	06 May 2024	3	16.15	76.72	8.2	33.48	8.2	24.5	2.78
C7	06 May 2024	4	16.05	80.04	8.1	33.48	8.2	24.6	3.22
C7	06 May 2024	5	15.79	80.22	8.0	33.50	8.2	24.6	3.71
C7	06 May 2024	6	15.37	80.34	8.0	33.50	8.2	24.7	4.63
C7	06 May 2024	7	15.34	80.78	8.0	33.48	8.2	24.7	5.11
C7	06 May 2024	8	15.31	81.10	8.0	33.48	8.2	24.7	5.03
C7	06 May 2024	9	15.19	81.00	7.8	33.49	8.2	24.8	4.96
C7	06 May 2024	10	15.05	81.10	7.5	33.49	8.2	24.8	4.93
C7	06 May 2024	11	14.57	81.14	7.3	33.52	8.1	24.9	4.97
C7	06 May 2024	12	14.02	81.55	6.9	33.54	8.1	25.1	5.05
C7	06 May 2024	13	13.56	82.73	6.6	33.53	8.1	25.1	4.72
C7	06 May 2024	14	12.80	84.15	6.3	33.56	8.0	25.3	4.17
C7	06 May 2024	15	12.06	86.66	5.7	33.59	8.0	25.5	3.49
C7	06 May 2024	16	11.71	89.24	5.1	33.62	7.9	25.6	2.81
C7	06 May 2024	17	11.21	90.90	4.6	33.67	7.9	25.7	2.12
C7	06 May 2024	18	10.97	92.68	4.3	33.68	7.8	25.8	1.57
C7	06 May 2024	19	10.92	93.68	4.2	33.68	7.8	25.8	1.22
C7	13 May 2024	1	17.21	93.02	8.2	33.41	8.2	24.2	1.39
C7	13 May 2024	2	17.16	93.19	8.2	33.42	8.2	24.3	1.51
C7	13 May 2024	3	17.14	93.33	8.2	33.42	8.2	24.3	1.56
C7	13 May 2024	4	17.10	93.15	8.1	33.42	8.2	24.3	1.62
C7	13 May 2024	5	17.06	93.20	8.1	33.42	8.2	24.3	1.66
C7	13 May 2024	6	17.05	92.87	8.1	33.42	8.2	24.3	1.72
C7	13 May 2024	7	17.04	92.89	8.1	33.42	8.2	24.3	1.87
C7	13 May 2024	8	17.03	92.86	8.1	33.42	8.2	24.3	1.82
C7	13 May 2024	9	16.82	92.35	8.0	33.44	8.2	24.4	1.93
C7	13 May 2024	10	16.76	91.70	7.9	33.44	8.1	24.4	2.09
C7	13 May 2024	11	16.62	91.38	7.8	33.45	8.1	24.4	2.28
C7	13 May 2024	12	16.34	90.76	7.5	33.45	8.1	24.5	2.40
C7	13 May 2024	13	14.67	90.44	6.9	33.52	8.1	24.9	2.60
C7	13 May 2024	14	13.73	90.17	6.5	33.54	8.0	25.1	2.89
C7	13 May 2024	15	13.39	90.65	6.0	33.54	8.0	25.2	2.72
C7	13 May 2024	16	12.57	93.18	5.5	33.58	7.9	25.4	2.04
C7	13 May 2024	17	11.94	95.25	4.8	33.63	7.8	25.5	1.40
C7	13 May 2024	18	11.73	95.18	4.6	33.64	7.8	25.6	1.04
C7	20 May 2024	1	17.46	88.72	9.8	33.53	8.4	24.3	0.89
C7	20 May 2024	2	17.46	88.66	9.8	33.53	8.4	24.3	0.93
C7	20 May 2024	3	17.43	88.65	9.8	33.53	8.4	24.3	1.04
C7	20 May 2024	4	17.42	88.60	9.7	33.53	8.4	24.3	1.20

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C7	20 May 2024	5	17.37	88.65	9.2	33.53	8.4	24.3	1.43
C7	20 May 2024	6	16.88	88.63	8.4	33.53	8.3	24.4	2.13
C7	20 May 2024	7	15.05	86.63	7.5	33.62	8.2	24.9	3.34
C7	20 May 2024	8	14.30	84.54	6.7	33.57	8.1	25.0	3.53
C7	20 May 2024	9	13.23	87.93	5.9	33.63	8.1	25.3	2.94
C7	20 May 2024	10	11.85	89.90	5.1	33.69	7.9	25.6	2.14
C7	20 May 2024	11	11.02	92.19	4.6	33.71	7.9	25.8	1.23
C7	20 May 2024	12	10.84	93.69	4.4	33.67	7.8	25.8	0.92
C7	20 May 2024	13	10.76	94.15	4.2	33.68	7.8	25.8	0.74
C7	20 May 2024	14	10.70	94.21	4.1	33.69	7.8	25.8	0.68
C7	20 May 2024	15	10.59	94.25	4.1	33.70	7.8	25.8	0.75
C7	20 May 2024	16	10.55	94.52	4.1	33.70	7.8	25.8	0.70
C7	20 May 2024	17	10.54	95.00	4.1	33.70	7.8	25.8	0.77
C7	20 May 2024	18	10.55	94.73	4.0	33.71	7.8	25.9	0.71
C7	20 May 2024	19	10.57	94.70	4.0	33.71	7.8	25.8	0.66
C7	28 May 2024	1	16.48	53.25	10.0	33.60	8.4	24.6	23.70
C7	28 May 2024	2	16.41	54.23	9.7	33.60	8.4	24.6	21.47
C7	28 May 2024	3	16.17	58.98	9.1	33.61	8.4	24.6	17.28
C7	28 May 2024	4	15.59	64.44	8.3	33.62	8.3	24.8	13.58
C7	28 May 2024	5	14.80	69.89	7.4	33.63	8.2	25.0	11.44
C7	28 May 2024	6	14.26	73.43	6.7	33.61	8.1	25.1	9.51
C7	28 May 2024	7	13.60	77.75	6.2	33.61	8.1	25.2	7.22
C7	28 May 2024	8	12.92	83.66	5.8	33.63	8.0	25.3	4.76
C7	28 May 2024	9	12.67	87.60	5.5	33.62	7.9	25.4	3.23
C7	28 May 2024	10	12.42	92.25	5.3	33.61	7.9	25.4	2.25
C7	28 May 2024	11	12.25	93.82	5.1	33.62	7.9	25.5	1.74
C7	28 May 2024	12	11.91	94.74	4.8	33.65	7.9	25.6	1.29
C7	28 May 2024	13	11.36	96.06	4.5	33.68	7.9	25.7	0.96
C7	28 May 2024	14	11.09	96.70	4.3	33.69	7.8	25.7	0.75
C7	28 May 2024	15	10.94	97.21	4.2	33.69	7.8	25.8	0.62
C7	28 May 2024	16	10.75	97.34	4.0	33.71	7.8	25.8	0.55
C7	28 May 2024	17	10.69	97.43	4.0	33.71	7.8	25.8	0.50
C8	06 May 2024	1	15.08	45.93	7.6	33.45	8.2	24.8	2.91
C8	06 May 2024	2	14.88	65.42	7.2	33.51	8.2	24.9	3.07
C8	06 May 2024	3	13.69	69.81	7.0	33.55	8.1	25.1	3.20
C8	06 May 2024	4	13.73	80.08	6.7	33.53	8.1	25.1	3.22
C8	06 May 2024	5	13.04	84.04	6.4	33.55	8.0	25.3	3.51
C8	06 May 2024	6	12.86	85.82	6.1	33.56	8.0	25.3	3.76
C8	06 May 2024	7	12.35	87.13	5.9	33.56	8.0	25.4	3.93
C8	06 May 2024	8	12.16	88.32	5.6	33.59	8.0	25.5	4.04
C8	06 May 2024	9	11.65	89.10	5.2	33.61	7.9	25.6	3.74
C8	06 May 2024	10	11.52	91.42	4.9	33.60	7.9	25.6	2.76
C8	06 May 2024	11	11.28	92.61	4.7	33.63	7.9	25.7	2.19
C8	06 May 2024	12	11.25	93.33	4.5	33.63	7.8	25.7	1.99
C8	06 May 2024	13	10.93	94.00	4.3	33.69	7.8	25.8	1.67
C8	06 May 2024	14	10.95	94.32	4.1	33.68	7.8	25.8	1.48
C8	06 May 2024	15	10.79	94.35	4.0	33.70	7.8	25.8	1.26
C8	06 May 2024	16	10.76	94.09	3.9	33.71	7.8	25.8	1.17
C8	06 May 2024	17	10.76	94.21	3.9	33.71	7.8	25.8	1.13
C8	06 May 2024	18	10.71	94.07	3.9	33.72	7.8	25.8	1.10
C8	06 May 2024	19	10.71	94.29	3.9	33.72	7.8	25.8	1.13
C8	06 May 2024	20	10.71	94.26	3.9	33.72	7.8	25.8	1.12
C8	13 May 2024	1	17.20	91.50	8.0	33.42	8.2	24.3	1.65
C8	13 May 2024	2	17.21	91.72	7.9	33.43	8.2	24.3	1.87
C8	13 May 2024	3	16.98	91.11	7.6	33.46	8.1	24.3	2.62
C8	13 May 2024	4	16.58	88.22	7.4	33.48	8.1	24.4	2.94
C8	13 May 2024	5	16.25	85.87	7.3	33.47	8.1	24.5	2.85
C8	13 May 2024	6	15.74	86.72	7.2	33.48	8.1	24.6	2.60

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C8	13 May 2024	7	15.20	88.20	7.1	33.48	8.1	24.8	2.71
C8	13 May 2024	8	14.83	89.03	7.0	33.49	8.1	24.8	2.82
C8	13 May 2024	9	14.73	89.57	6.9	33.49	8.1	24.9	2.88
C8	13 May 2024	10	14.52	89.55	6.8	33.50	8.1	24.9	3.10
C8	13 May 2024	11	14.26	89.56	6.6	33.50	8.0	25.0	3.22
C8	13 May 2024	12	13.76	89.48	6.3	33.53	8.0	25.1	3.25
C8	13 May 2024	13	13.13	89.73	5.9	33.54	8.0	25.2	2.95
C8	13 May 2024	14	12.52	91.16	5.6	33.57	7.9	25.4	2.44
C8	13 May 2024	15	12.25	92.25	5.2	33.58	7.9	25.4	1.91
C8	13 May 2024	16	11.55	93.62	4.7	33.63	7.8	25.6	1.54
C8	13 May 2024	17	11.46	94.43	4.5	33.63	7.8	25.6	1.22
C8	13 May 2024	18	11.41	94.48	4.3	33.64	7.8	25.6	1.19
C8	13 May 2024	19	11.57	94.25	4.4	33.64	7.8	25.6	1.17
C8	20 May 2024	1	17.20	85.16	9.7	33.53	8.4	24.3	1.71
C8	20 May 2024	2	17.19	85.00	9.7	33.53	8.4	24.3	2.21
C8	20 May 2024	3	17.18	84.80	9.6	33.53	8.4	24.3	2.69
C8	20 May 2024	4	17.16	84.26	9.6	33.53	8.4	24.4	3.66
C8	20 May 2024	5	17.07	83.54	9.3	33.53	8.4	24.4	4.83
C8	20 May 2024	6	16.82	82.03	8.8	33.54	8.3	24.4	5.91
C8	20 May 2024	7	16.54	80.74	8.2	33.54	8.3	24.5	6.16
C8	20 May 2024	8	15.95	80.10	7.5	33.57	8.3	24.7	5.39
C8	20 May 2024	9	13.99	82.18	6.8	33.64	8.2	25.1	4.65
C8	20 May 2024	10	13.38	84.30	6.3	33.58	8.1	25.2	3.56
C8	20 May 2024	11	12.81	87.78	5.8	33.60	8.0	25.3	2.92
C8	20 May 2024	12	11.82	90.66	5.2	33.65	8.0	25.6	2.01
C8	20 May 2024	13	11.13	92.25	4.7	33.66	7.9	25.7	1.66
C8	20 May 2024	14	11.11	92.48	4.3	33.65	7.8	25.7	1.02
C8	20 May 2024	15	11.11	92.13	4.2	33.64	7.8	25.7	0.82
C8	20 May 2024	16	11.09	92.30	4.2	33.65	7.8	25.7	0.74
C8	20 May 2024	17	11.09	92.08	4.2	33.65	7.8	25.7	0.69
C8	20 May 2024	18	11.09	92.12	4.2	33.66	7.8	25.7	0.71
C8	20 May 2024	19	11.10	92.02	4.1	33.66	7.8	25.7	0.75
C8	20 May 2024	20	11.10	91.75	4.1	33.66	7.8	25.7	0.69
C8	28 May 2024	1	16.77	43.11	11.4	33.61	8.5	24.5	32.58
C8	28 May 2024	2	16.66	43.07	10.9	33.61	8.5	24.5	30.87
C8	28 May 2024	3	16.26	48.88	9.8	33.62	8.4	24.6	25.11
C8	28 May 2024	4	15.23	56.06	8.2	33.65	8.3	24.9	18.68
C8	28 May 2024	5	14.49	60.77	7.1	33.63	8.2	25.0	12.85
C8	28 May 2024	6	13.88	72.59	6.5	33.63	8.1	25.2	8.03
C8	28 May 2024	7	13.58	82.50	6.1	33.62	8.0	25.2	5.11
C8	28 May 2024	8	13.28	87.63	5.8	33.62	8.0	25.3	3.77
C8	28 May 2024	9	13.08	89.84	5.6	33.61	8.0	25.3	3.07
C8	28 May 2024	10	13.03	91.27	5.4	33.61	8.0	25.3	2.56
C8	28 May 2024	11	12.48	92.15	5.1	33.67	7.9	25.5	2.04
C8	28 May 2024	12	11.68	93.17	4.8	33.69	7.9	25.6	1.26
C8	28 May 2024	13	11.38	95.21	4.4	33.68	7.8	25.7	0.89
C8	28 May 2024	14	11.17	96.60	4.2	33.69	7.8	25.7	0.70
C8	28 May 2024	15	11.04	96.88	4.1	33.69	7.8	25.8	0.57
C8	28 May 2024	16	10.87	96.90	4.0	33.70	7.8	25.8	0.53
C8	28 May 2024	17	10.78	96.95	4.0	33.71	7.8	25.8	0.54
C8	28 May 2024	18	10.75	96.65	3.9	33.71	7.8	25.8	0.51

NA = not available

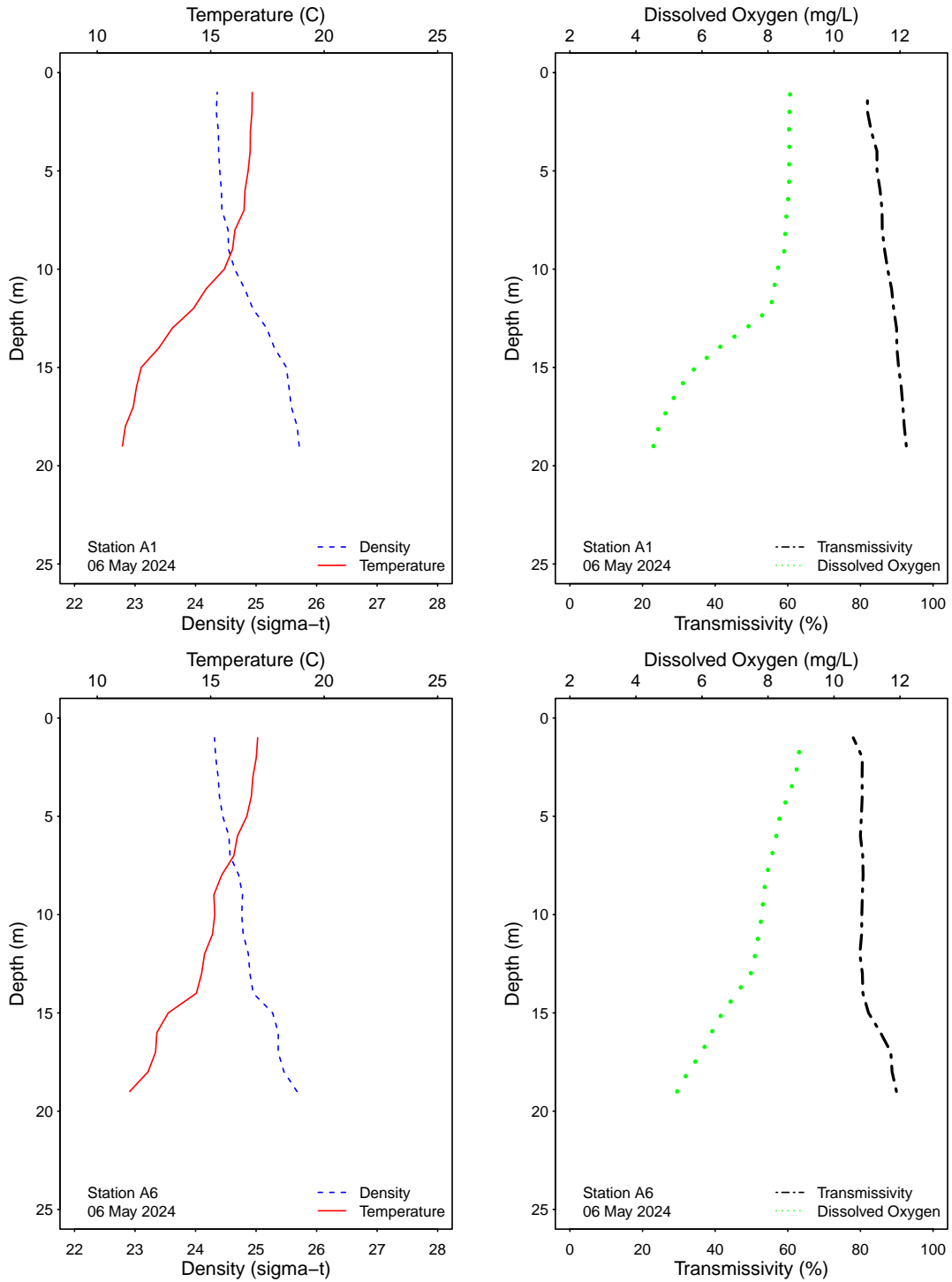


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

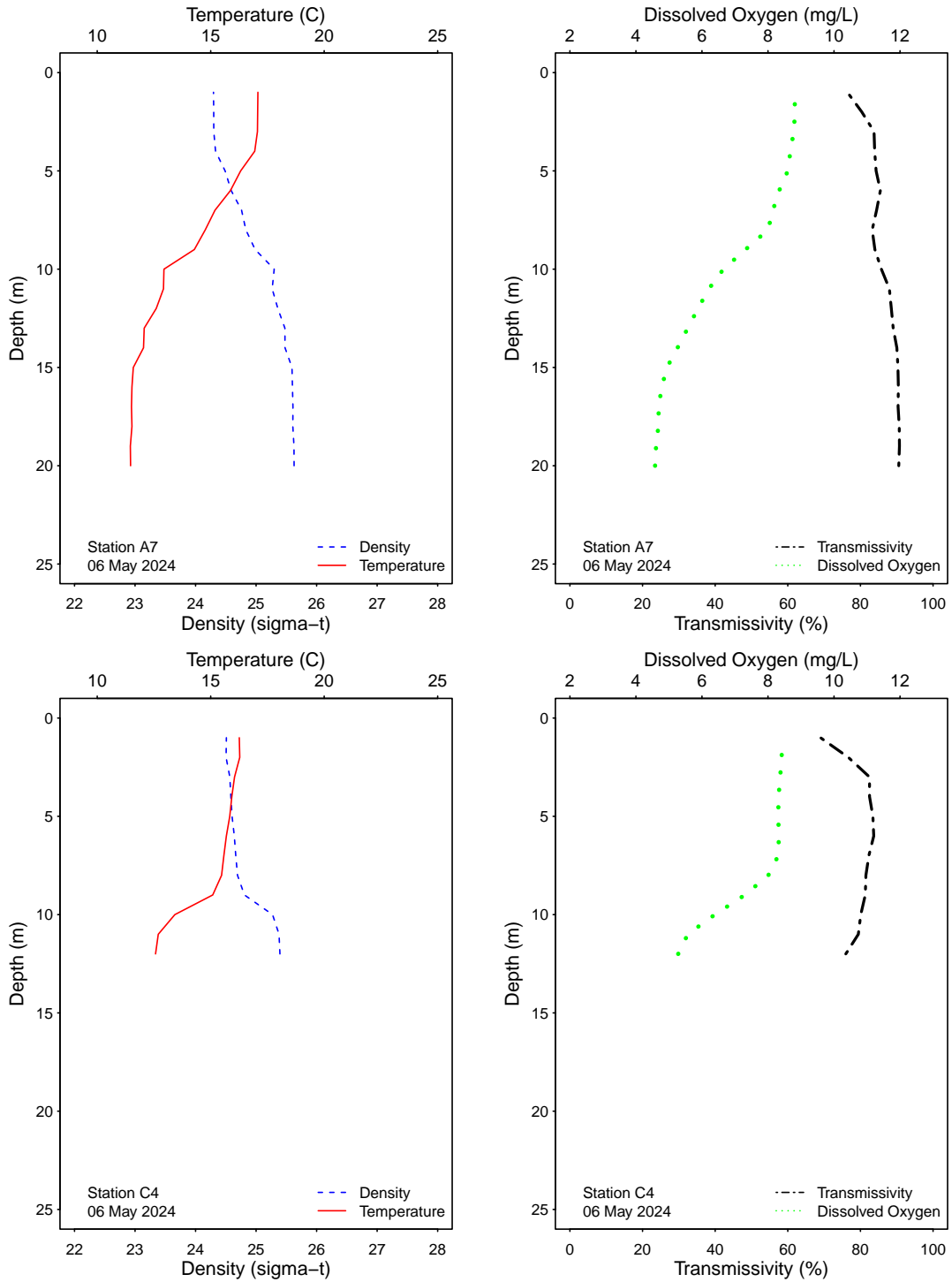


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

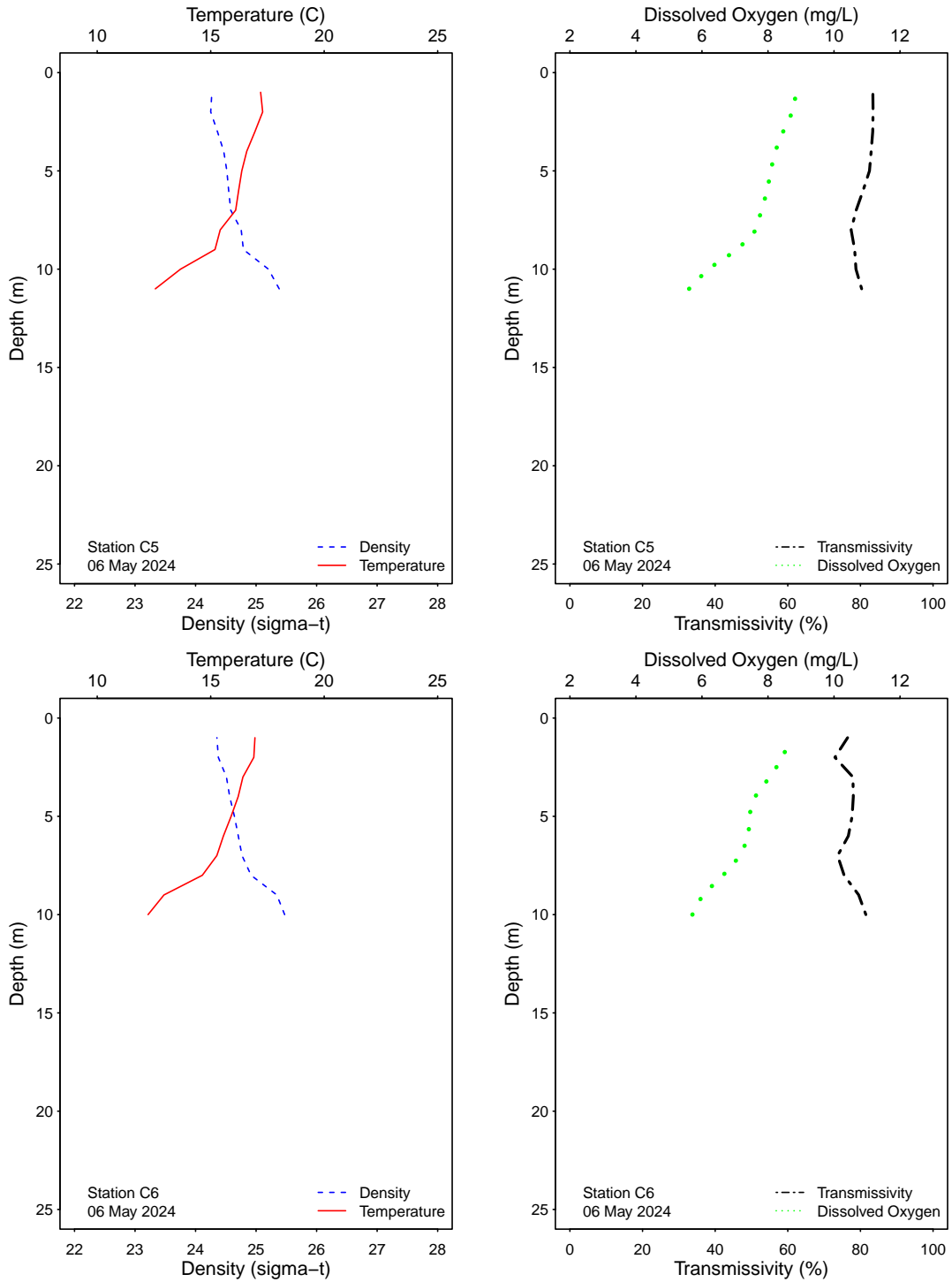


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

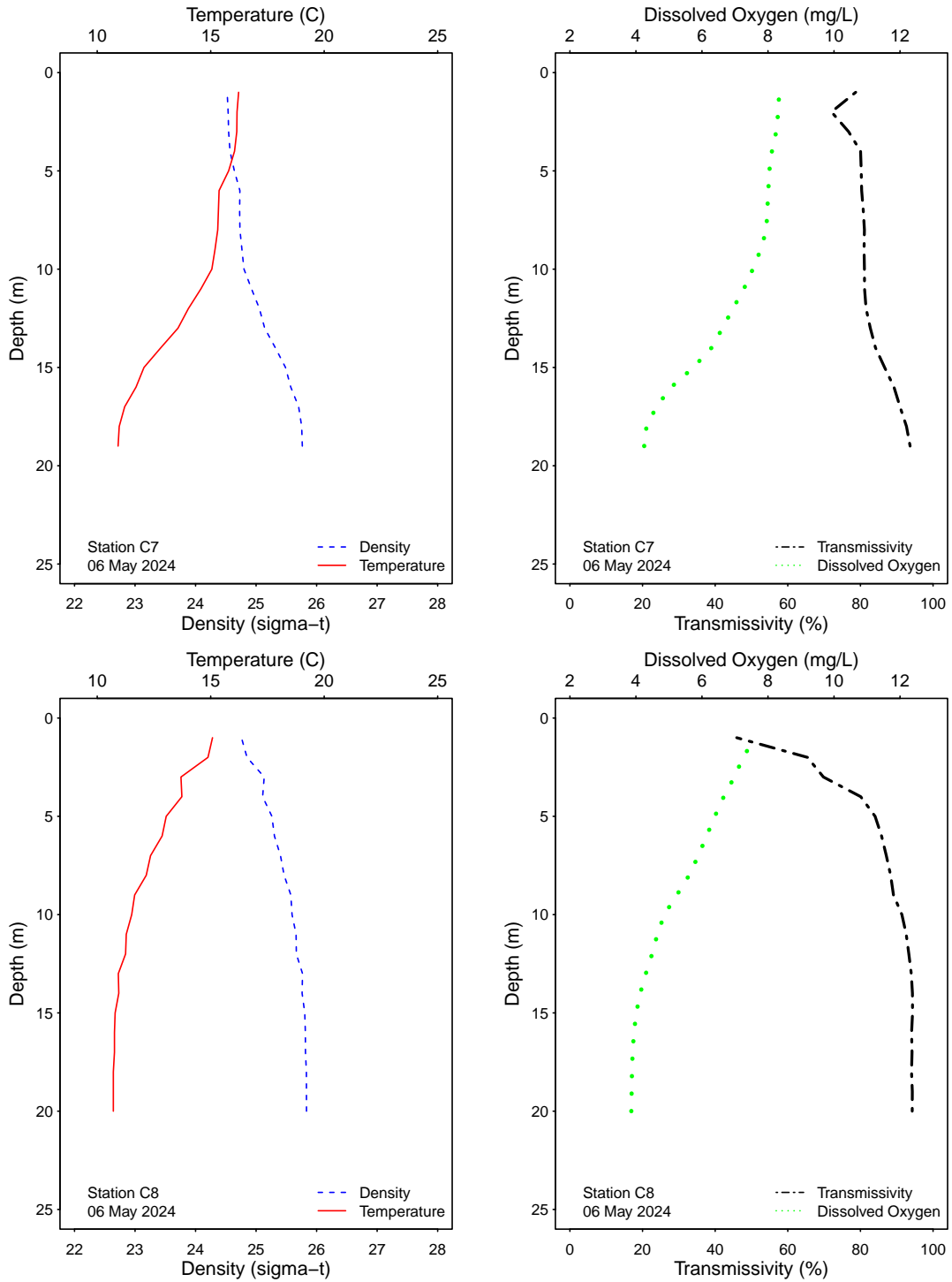


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

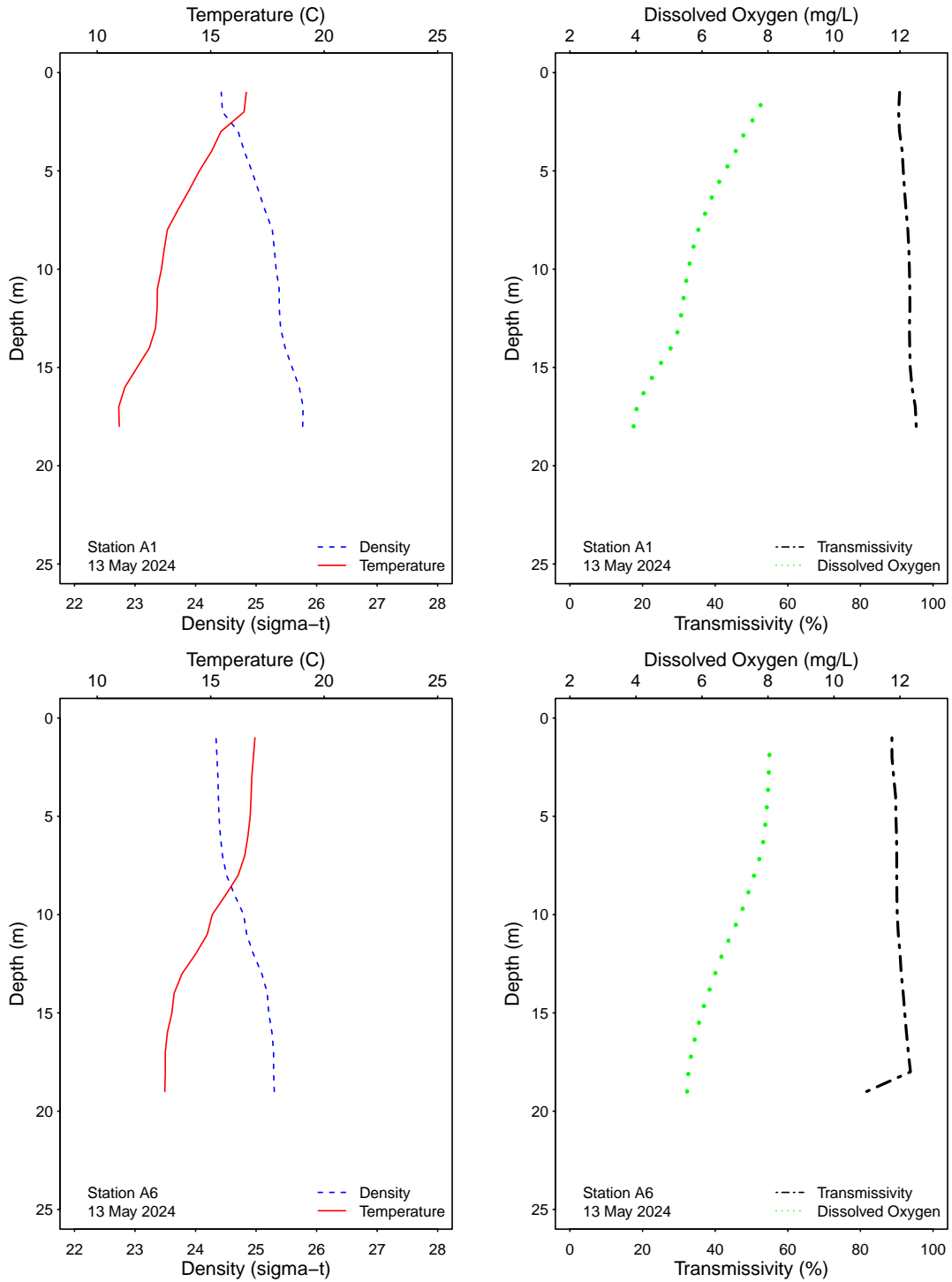


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

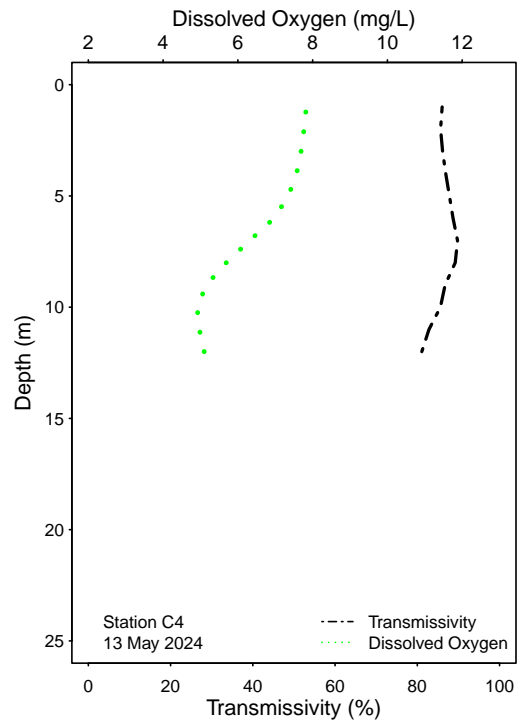
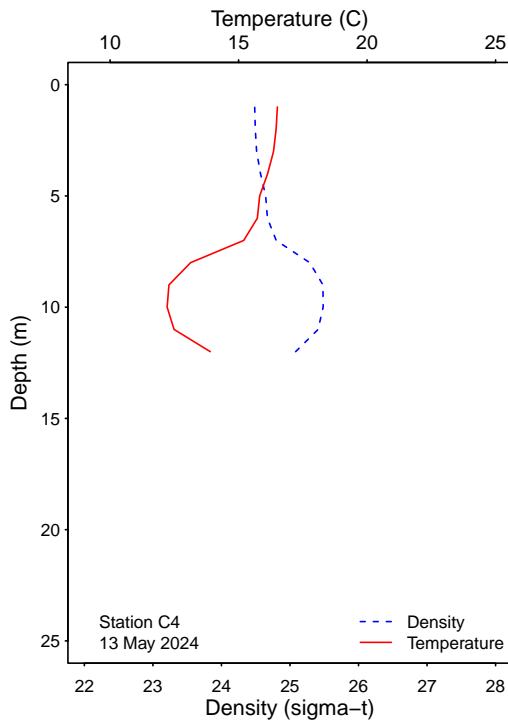
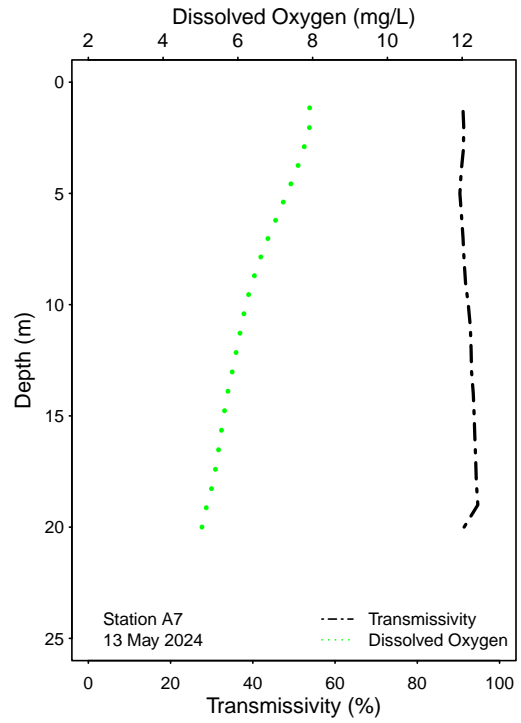
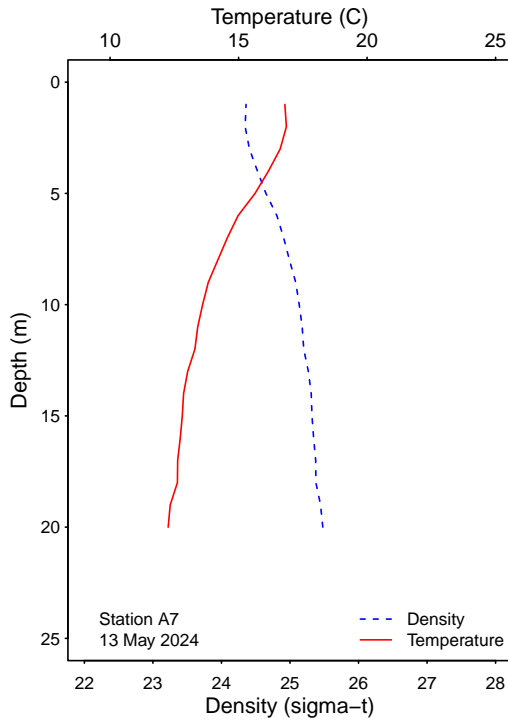


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

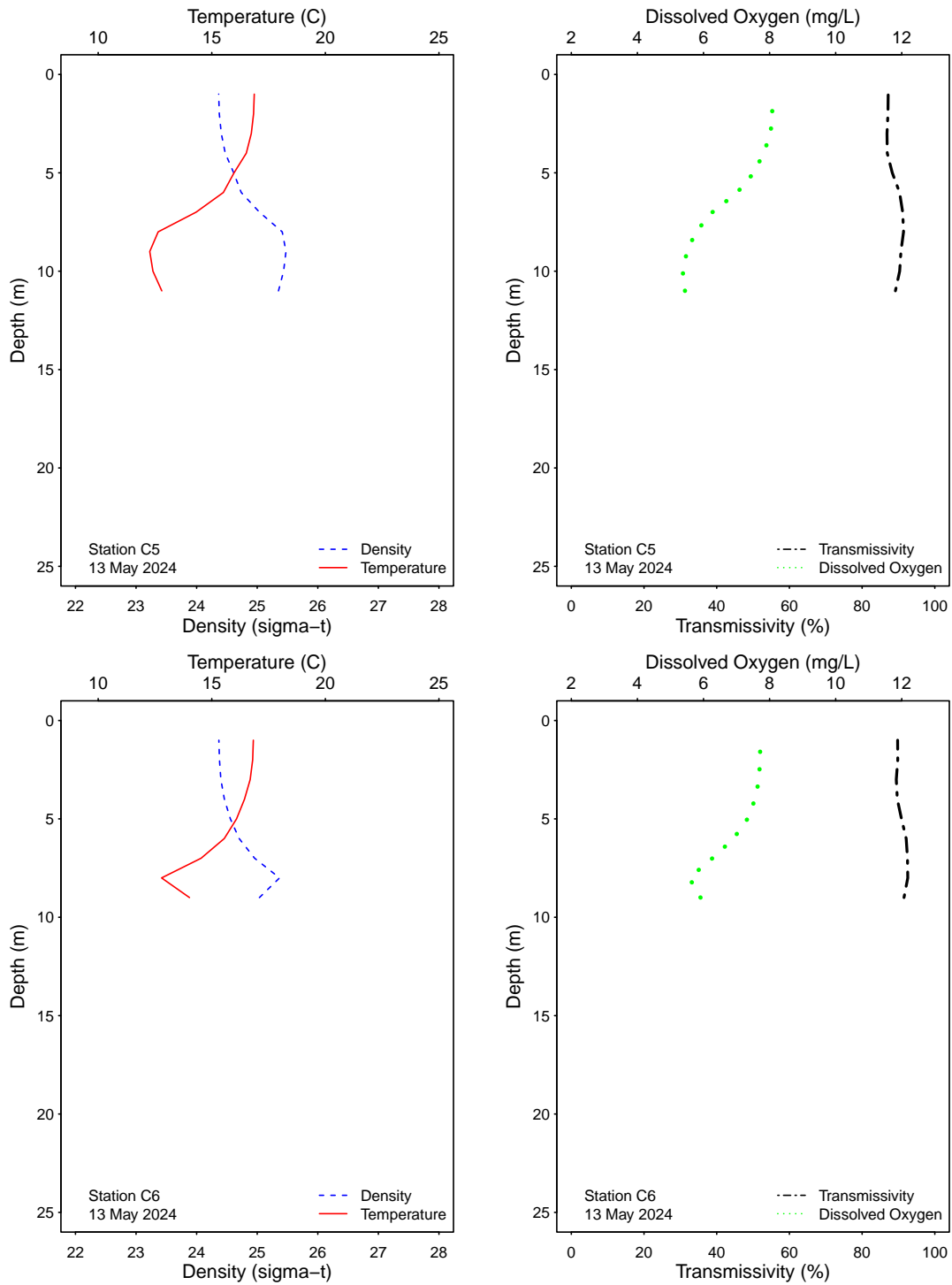


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

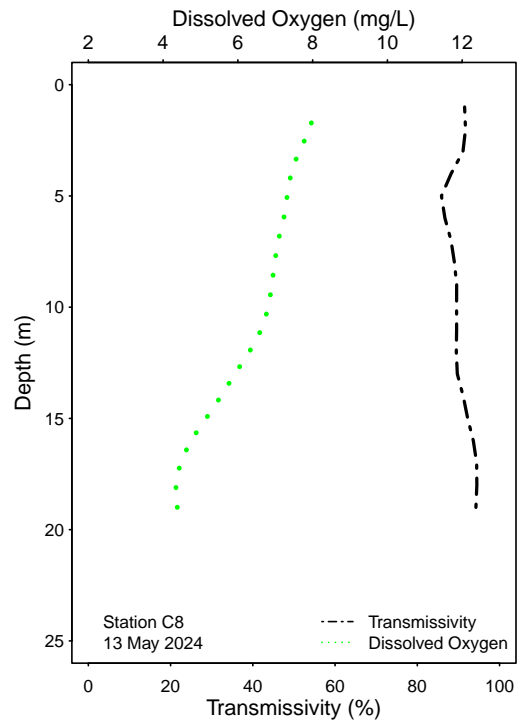
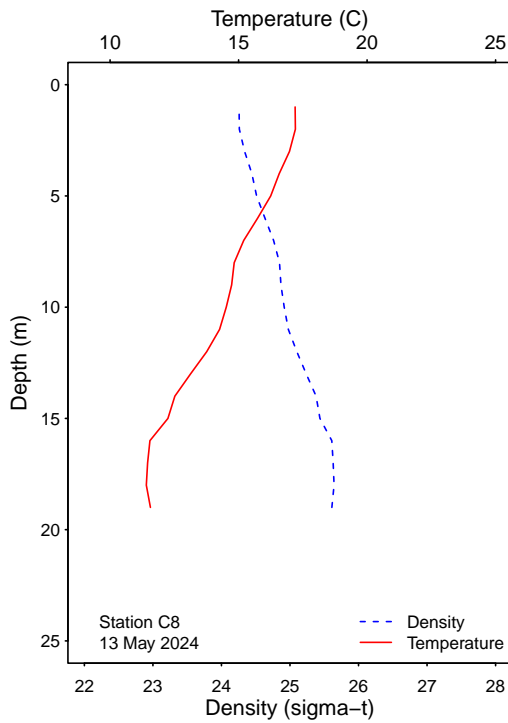
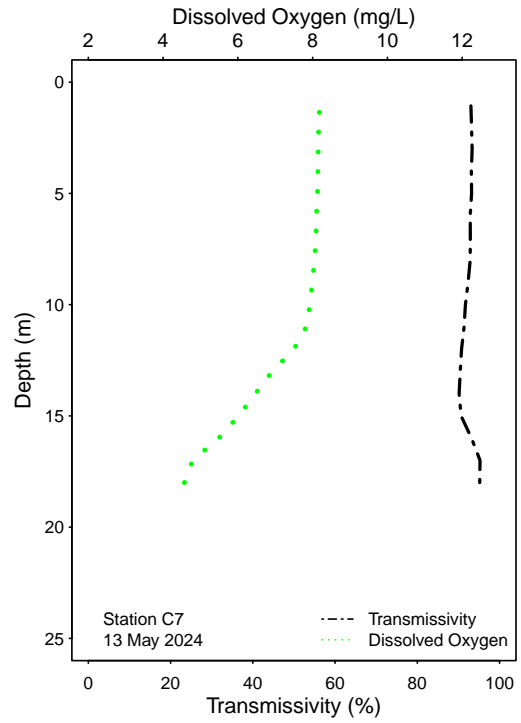
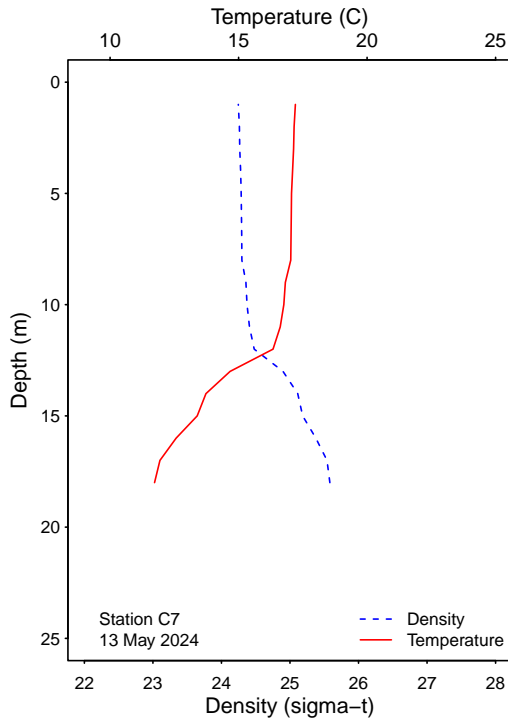


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

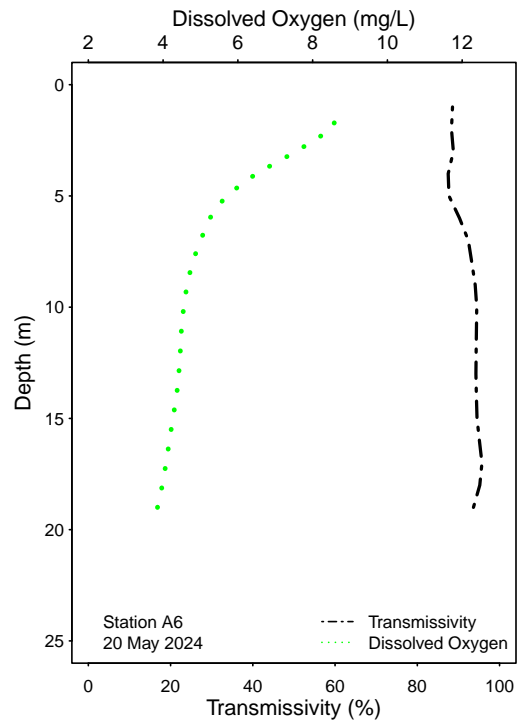
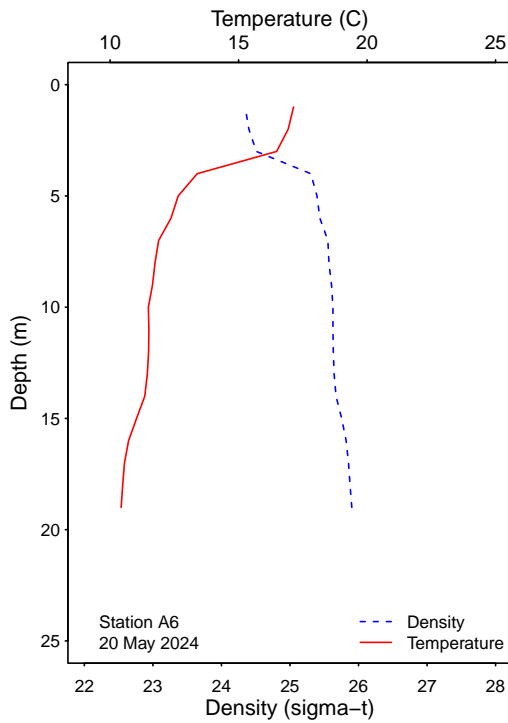
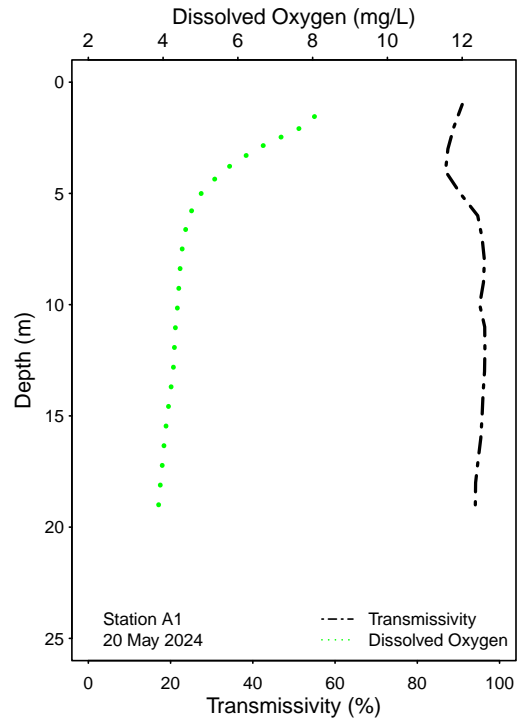
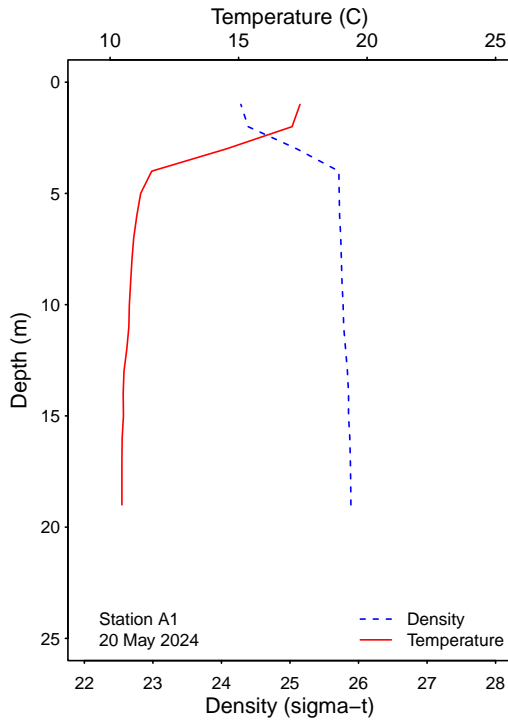


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

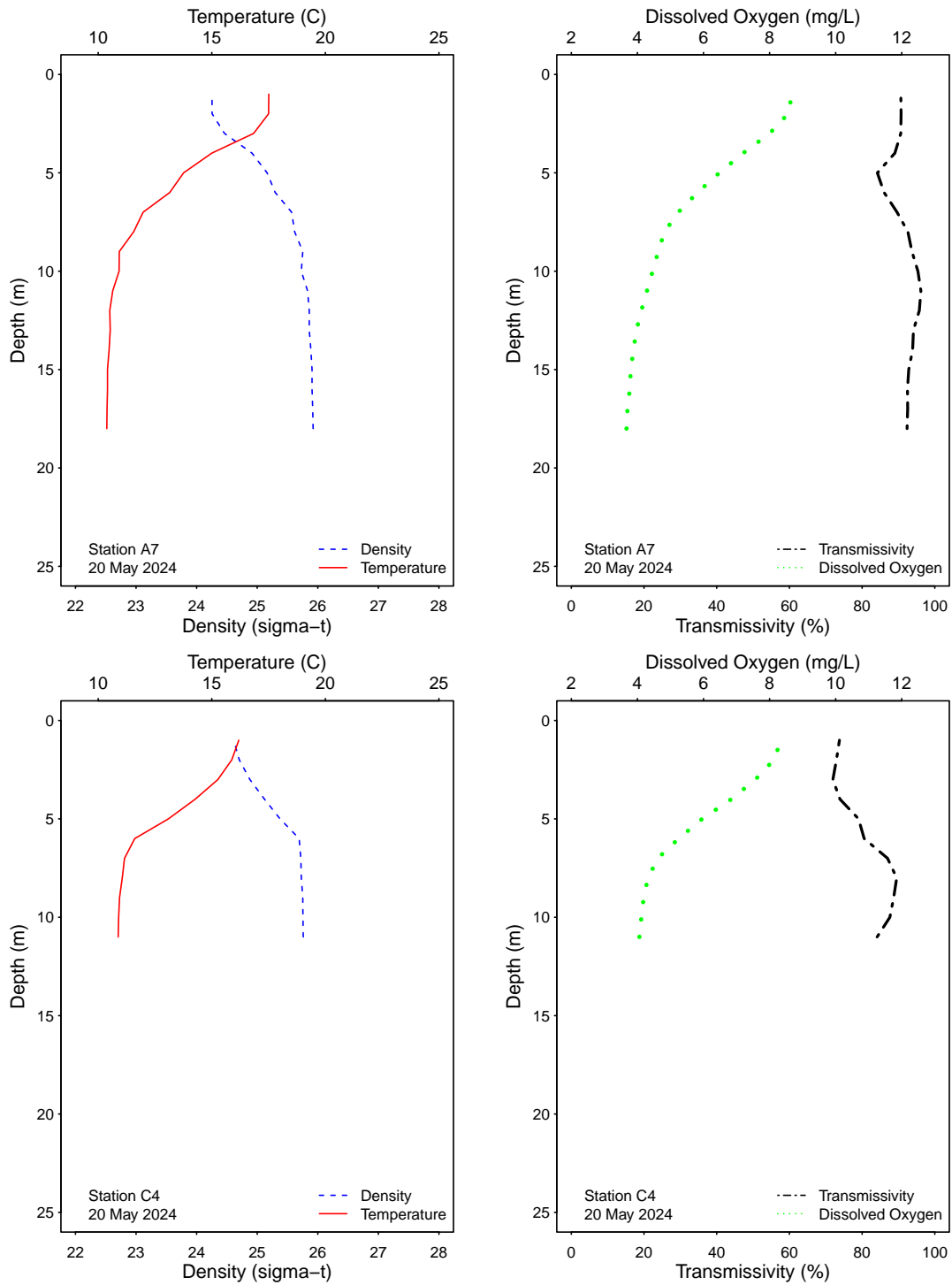


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

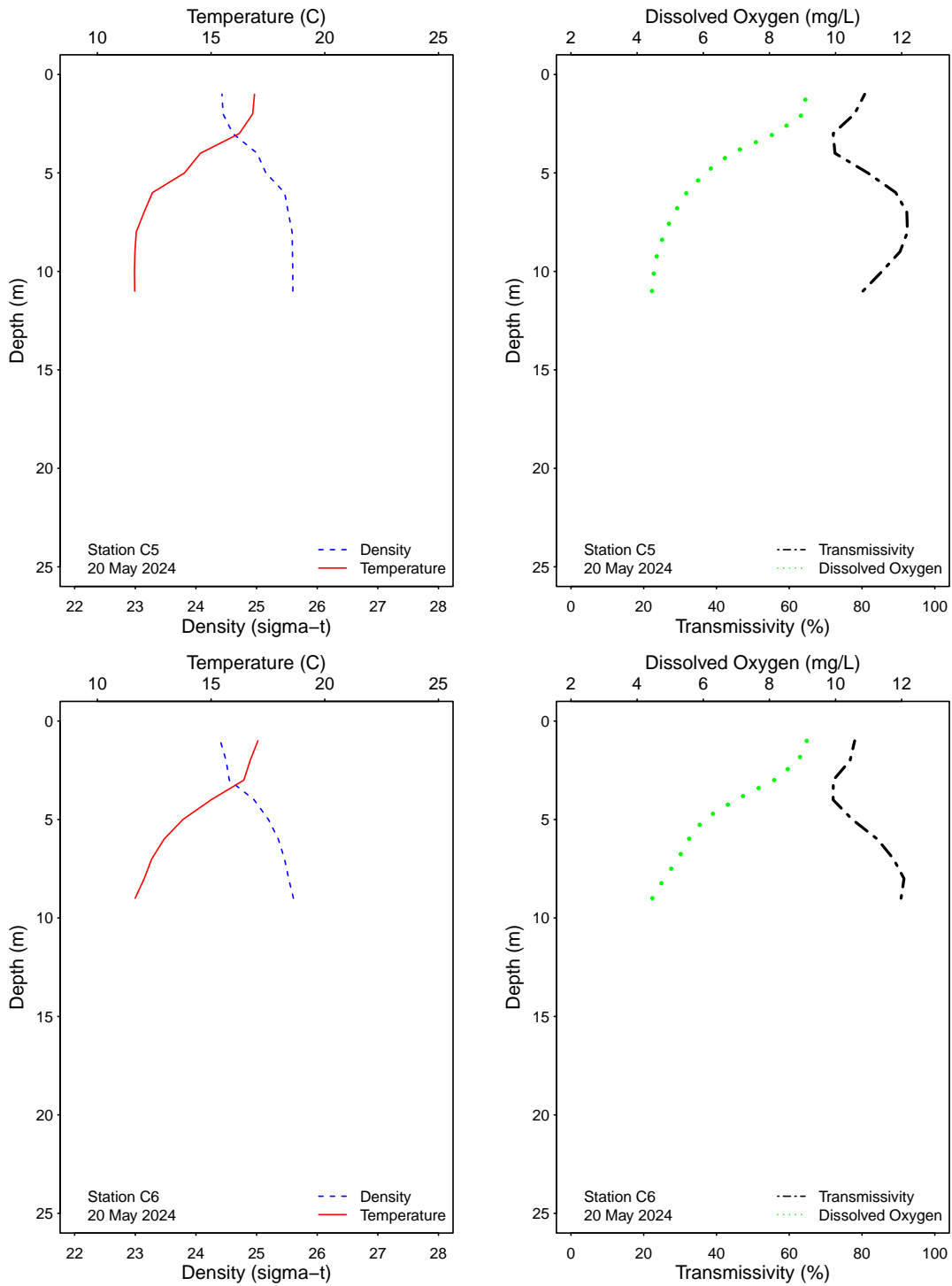


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

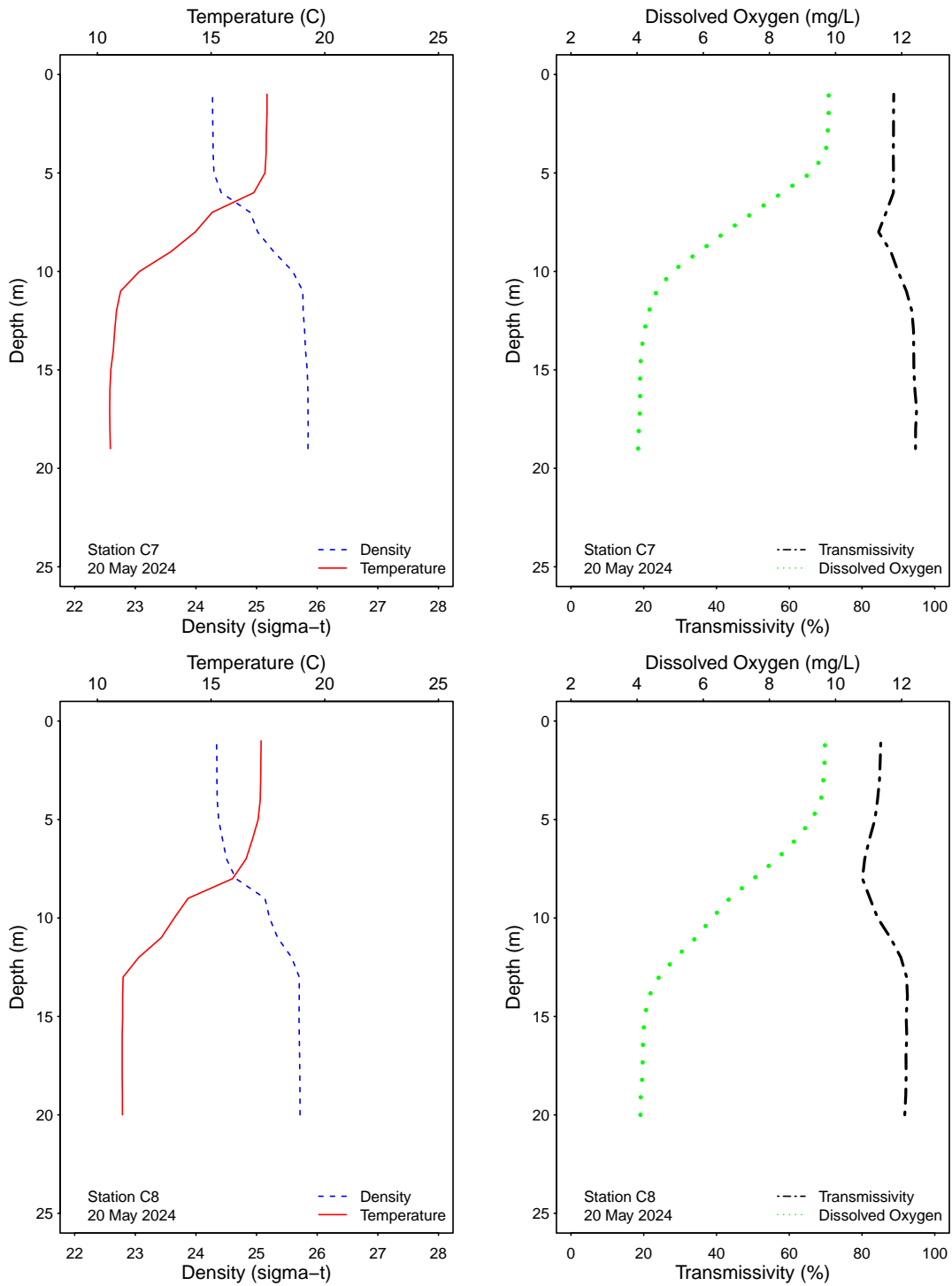


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

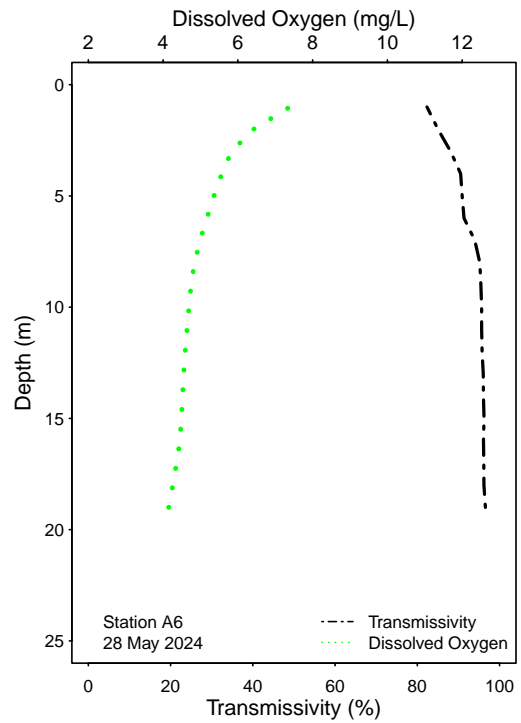
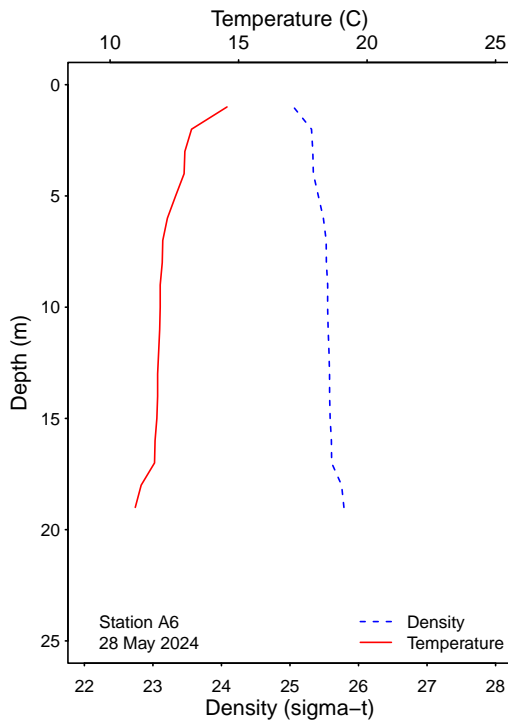
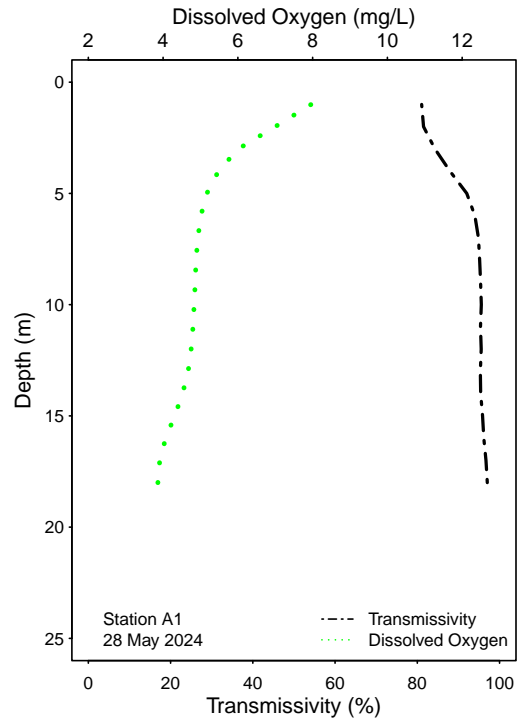
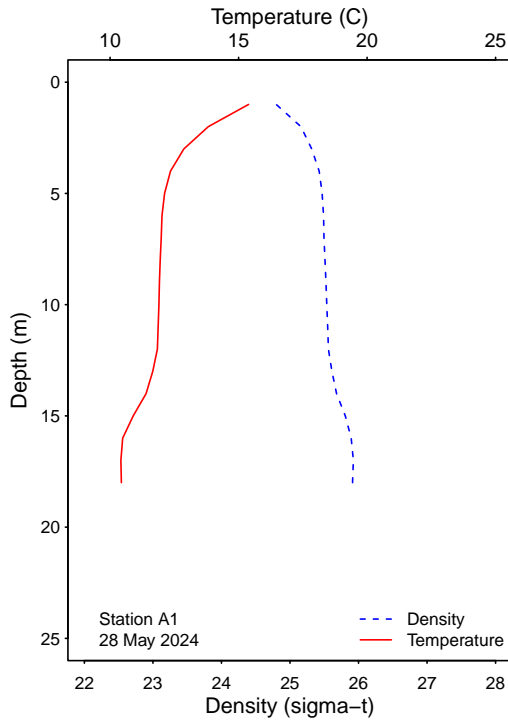


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

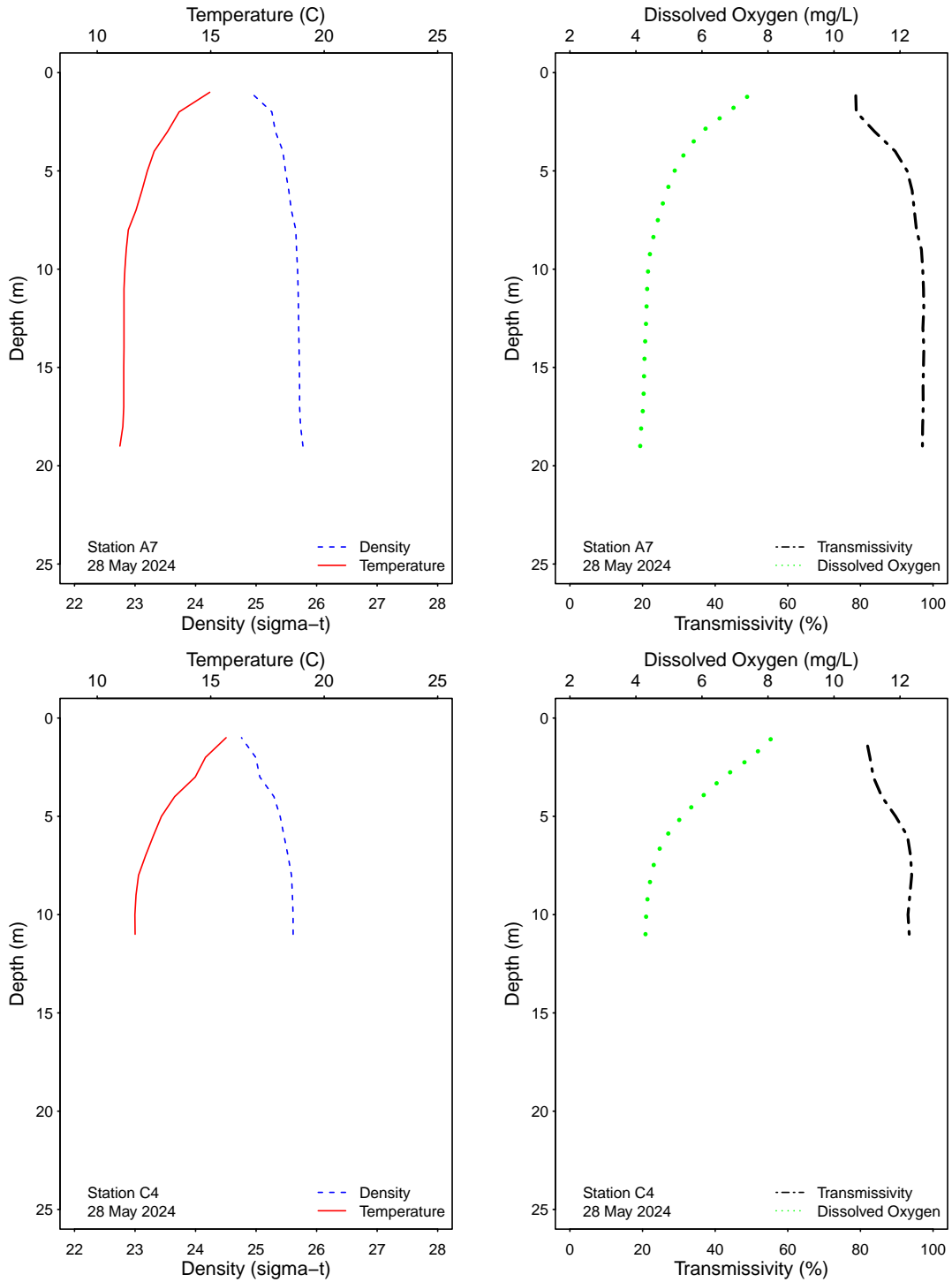


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

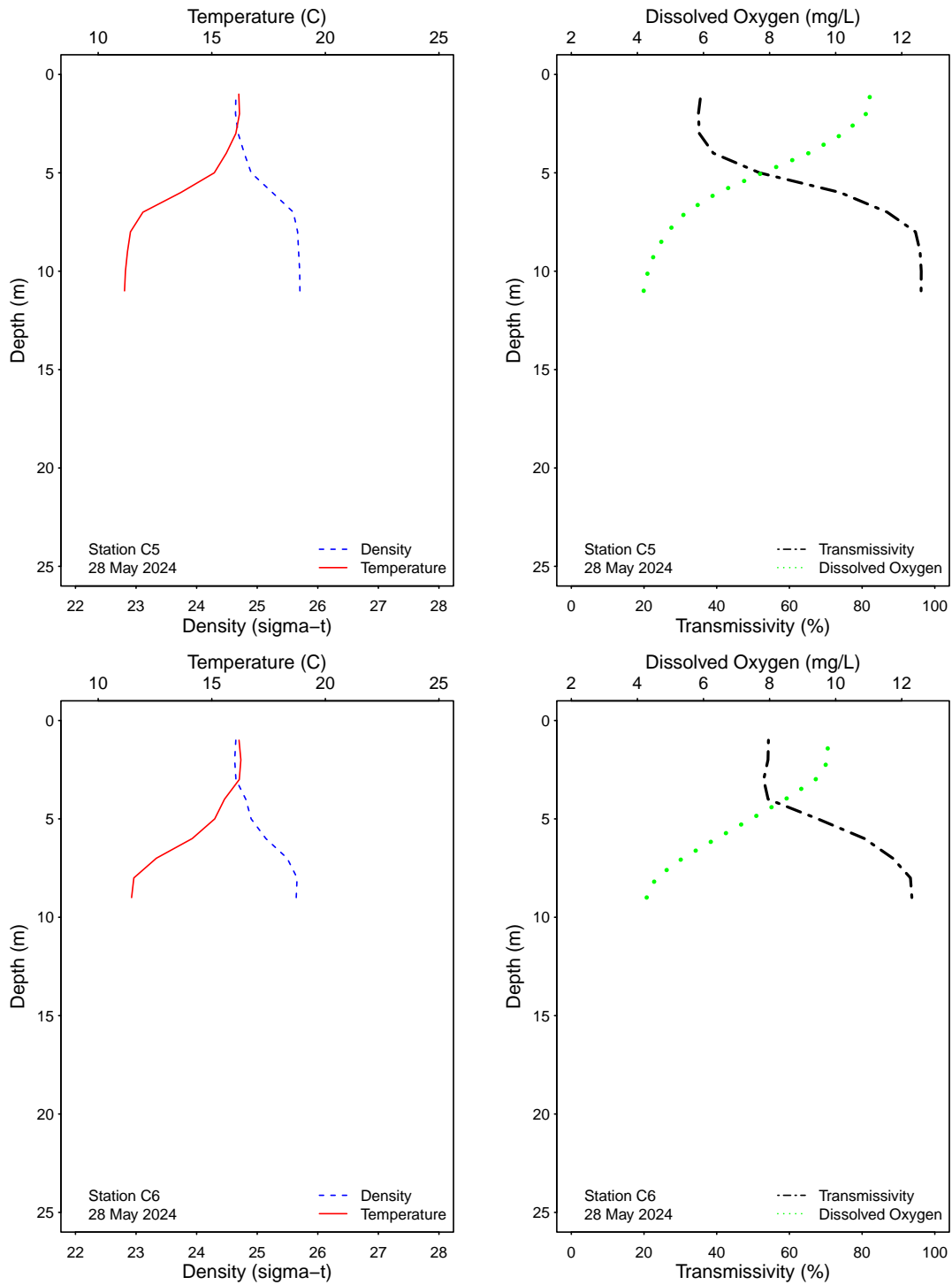


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

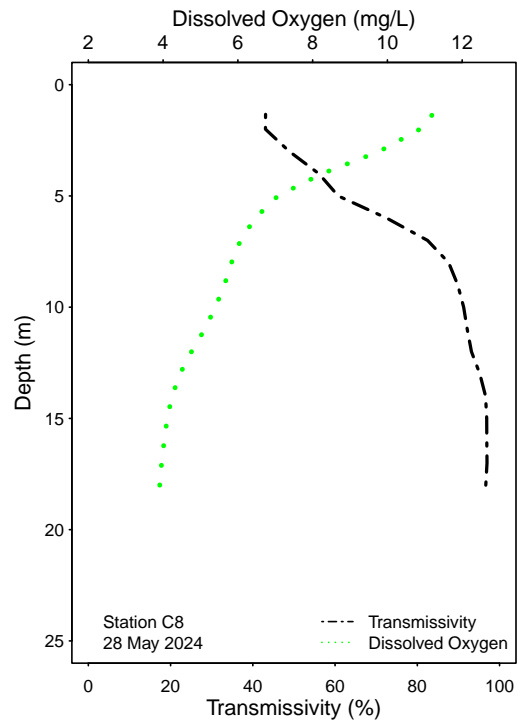
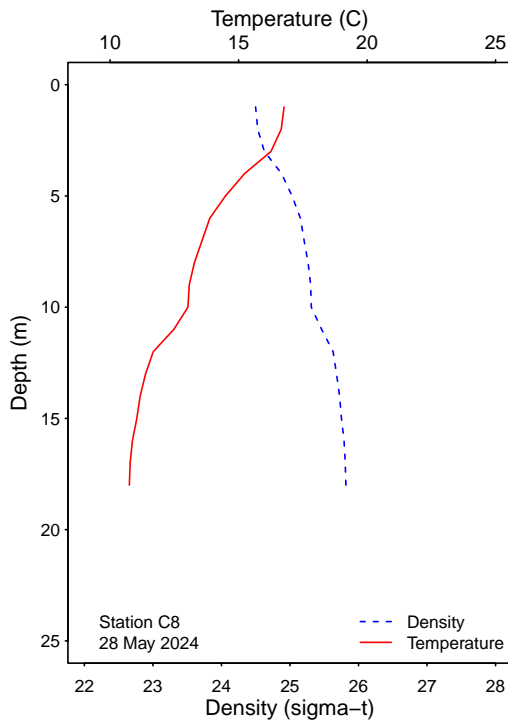
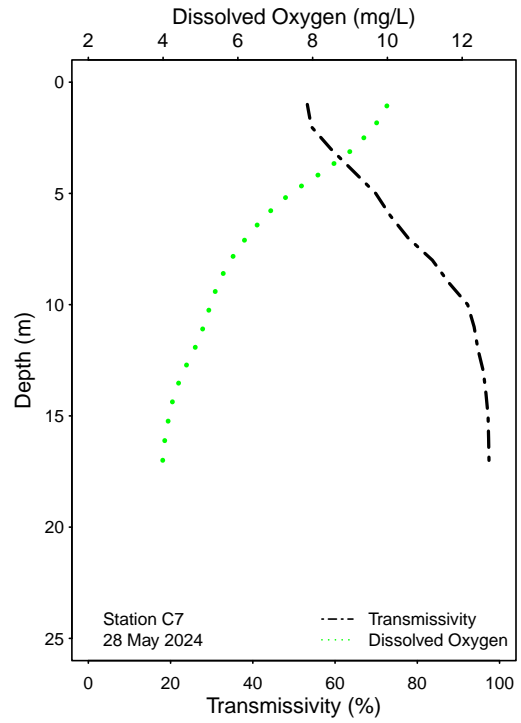
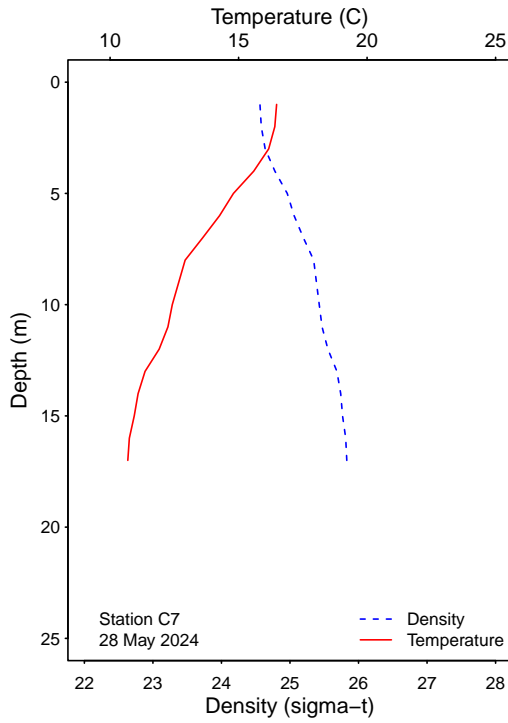


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

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Offshore Stations

Table 4.1

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

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

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 4.2

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

Station	Date	Time	Depth	Entero
F01	15 May 2024	1115	1	<2
F01	15 May 2024	1115	12	<2
F01	15 May 2024	1115	18	<2
F02	15 May 2024	817	1	<2
F02	15 May 2024	817	12	<2
F02	15 May 2024	817	18	2e
F03	15 May 2024	829	1	<2
F03	15 May 2024	829	12	<2
F03	15 May 2024	829	18	2e
F04	15 May 2024	1053	1	<2
F04	15 May 2024	1053	25	<2
F04	15 May 2024	1053	60	
F05	15 May 2024	1042	1	<2
F05	15 May 2024	1042	25	<2
F05	15 May 2024	1042	60	18e
F06	15 May 2024	1030	1	<2
F06	15 May 2024	1030	25	<2
F06	15 May 2024	1030	60	2e
F07	15 May 2024	1018	1	<2
F07	15 May 2024	1018	25	<2
F07	15 May 2024	1018	60	8e
F08	15 May 2024	1005	1	<2
F08	15 May 2024	1005	25	<2
F08	15 May 2024	1005	60	12e
F09	15 May 2024	953	1	<2
F09	15 May 2024	953	25	<2
F09	15 May 2024	953	60	
F10	15 May 2024	940	1	<2
F10	15 May 2024	940	25	<2
F10	15 May 2024	940	60	
F11	15 May 2024	928	1	<2
F11	15 May 2024	928	25	<2
F11	15 May 2024	928	60	34e
F12	15 May 2024	915	1	<2
F12	15 May 2024	915	25	<2
F12	15 May 2024	915	60	22e
F13	15 May 2024	858	1	<2
F13	15 May 2024	858	25	<2
F13	15 May 2024	858	60	16e

Station	Date	Time	Depth	Entero
F14	15 May 2024	845	1	<2
F14	15 May 2024	845	25	<2
F14	15 May 2024	845	60	6e
F15	16 May 2024	1024	1	<2
F15	16 May 2024	1024	25	<2
F15	16 May 2024	1024	60	28e
F15	16 May 2024	1024	80	12e
F16	16 May 2024	1012	1	<2
F16	16 May 2024	1012	25	<2
F16	16 May 2024	1012	60	16e
F16	16 May 2024	1012	80	34e
F17	16 May 2024	1000	1	<2
F17	16 May 2024	1000	25	<2
F17	16 May 2024	1000	60	8e
F17	16 May 2024	1000	80	24e
F18	16 May 2024	949	1	<2
F18	16 May 2024	949	25	<2
F18	16 May 2024	949	60	360e
F18	16 May 2024	949	80	120e
F19	16 May 2024	936	1	12e
F19	16 May 2024	936	25	<2
F19	16 May 2024	936	60	
F19	16 May 2024	936	80	
F20	16 May 2024	924	1	<2
F20	16 May 2024	924	25	<2
F20	16 May 2024	924	60	2e
F20	16 May 2024	924	80	140e
F21	16 May 2024	908	1	<2
F21	16 May 2024	908	25	<2
F21	16 May 2024	908	60	2e
F21	16 May 2024	908	80	220e
F22	16 May 2024	855	1	<2
F22	16 May 2024	855	25	<2
F22	16 May 2024	855	60	6e
F22	16 May 2024	855	80	
F23	16 May 2024	843	1	<2
F23	16 May 2024	843	25	<2
F23	16 May 2024	843	60	12e
F23	16 May 2024	843	80	32e
F24	16 May 2024	830	1	<2
F24	16 May 2024	830	25	<2
F24	16 May 2024	830	60	16e
F24	16 May 2024	830	80	20e
F25	16 May 2024	816	1	<2
F25	16 May 2024	816	25	<2
F25	16 May 2024	816	60	18e
F25	16 May 2024	816	80	8e
F26	14 May 2024	1138	1	<2

Station	Date	Time	Depth	Entero
F26	14 May 2024	1138	25	<2
F26	14 May 2024	1138	60	160e
F26	14 May 2024	1138	80	
F26	14 May 2024	1138	98	16e
F27	14 May 2024	1124	1	<2
F27	14 May 2024	1124	25	<2
F27	14 May 2024	1124	60	
F27	14 May 2024	1124	80	38e
F27	14 May 2024	1124	98	
F28	14 May 2024	1110	1	6e
F28	14 May 2024	1110	25	<2
F28	14 May 2024	1110	60	
F28	14 May 2024	1110	80	16e
F28	14 May 2024	1110	98	
F29	14 May 2024	1052	1	2e
F29	14 May 2024	1052	25	<2
F29	14 May 2024	1052	60	
F29	14 May 2024	1052	80	100e
F29	14 May 2024	1052	98	20e
F30	14 May 2024	1035	1	6e
F30	14 May 2024	1035	25	2e
F30	14 May 2024	1035	60	
F30	14 May 2024	1035	80	
F30	14 May 2024	1035	98	24e
F31	14 May 2024	956	1	<2
F31	14 May 2024	956	25	<2
F31	14 May 2024	956	60	10e
F31	14 May 2024	956	80	28e
F31	14 May 2024	956	98	4e
F32	14 May 2024	941	1	<2
F32	14 May 2024	941	25	<2
F32	14 May 2024	941	60	12e
F32	14 May 2024	941	80	36e
F32	14 May 2024	941	98	26e
F33	14 May 2024	926	1	<2
F33	14 May 2024	926	25	<2
F33	14 May 2024	926	60	<2
F33	14 May 2024	926	80	
F33	14 May 2024	926	98	28e
F34	14 May 2024	911	1	<2
F34	14 May 2024	911	25	<2
F34	14 May 2024	911	60	8e
F34	14 May 2024	911	80	10e
F34	14 May 2024	911	98	8e
F35	14 May 2024	844	1	<2
F35	14 May 2024	844	25	<2
F35	14 May 2024	844	60	<2
F35	14 May 2024	844	80	14e
F35	14 May 2024	844	98	2e
F36	14 May 2024	822	1	<2
F36	14 May 2024	822	25	<2

Station	Date	Time	Depth	Entero
F36	14 May 2024	822	60	2e
F36	14 May 2024	822	80	6e
F36	14 May 2024	822	98	8e

ns = not sampled
ND = no data

Table 4.3

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

Station	Date	Parameter	Value
F26	14 May 2024	Arrive Time	1138
F26	14 May 2024	Depart Time	1149
F26	14 May 2024	Air Temp (C)	15.4
F26	14 May 2024	Visibility (mi)	10
F26	14 May 2024	Wind Speed (kts)	2.7
F26	14 May 2024	Wind Dir	SW
F26	14 May 2024	Sea State	Calm
F26	14 May 2024	High Tide Time	142
F26	14 May 2024	Low Tide Time	948
F26	14 May 2024	Comments	
F15	16 May 2024	Arrive Time	1024
F15	16 May 2024	Depart Time	1035
F15	16 May 2024	Air Temp (C)	16.4
F15	16 May 2024	Visibility (mi)	10
F15	16 May 2024	Wind Speed (kts)	3.9
F15	16 May 2024	Wind Dir	SW
F15	16 May 2024	Sea State	Wind Ripples
F15	16 May 2024	High Tide Time	1830
F15	16 May 2024	Low Tide Time	1130
F15	16 May 2024	Comments	OA 1m Btl# JA24369-1 Nsk# 5;OA 80m Btl# JA24370-1 Nsk# 2;
F04	15 May 2024	Arrive Time	1053
F04	15 May 2024	Depart Time	1059
F04	15 May 2024	Air Temp (C)	15
F04	15 May 2024	Visibility (mi)	8
F04	15 May 2024	Wind Speed (kts)	5.9
F04	15 May 2024	Wind Dir	SW
F04	15 May 2024	Sea State	Light Chop
F04	15 May 2024	High Tide Time	1800
F04	15 May 2024	Low Tide Time	1048
F04	15 May 2024	Comments	
F05	15 May 2024	Arrive Time	1042
F05	15 May 2024	Depart Time	1048
F05	15 May 2024	Air Temp (C)	15
F05	15 May 2024	Visibility (mi)	8
F05	15 May 2024	Wind Speed (kts)	8.6
F05	15 May 2024	Wind Dir	SW
F05	15 May 2024	Sea State	Light Chop
F05	15 May 2024	High Tide Time	1800
F05	15 May 2024	Low Tide Time	1048
F05	15 May 2024	Comments	
F27	14 May 2024	Arrive Time	1124
F27	14 May 2024	Depart Time	1132
F27	14 May 2024	Air Temp (C)	15.4
F27	14 May 2024	Visibility (mi)	10
F27	14 May 2024	Wind Speed (kts)	3.6
F27	14 May 2024	Wind Dir	SW
F27	14 May 2024	Sea State	Calm
F27	14 May 2024	High Tide Time	142
F27	14 May 2024	Low Tide Time	948
F27	14 May 2024	Comments	

Station	Date	Parameter	Value
F16	16 May 2024	Arrive Time	1012
F16	16 May 2024	Depart Time	1018
F16	16 May 2024	Air Temp (C)	16.5
F16	16 May 2024	Visibility (mi)	10
F16	16 May 2024	Wind Speed (kts)	1.5
F16	16 May 2024	Wind Dir	SE
F16	16 May 2024	Sea State	Wind Ripples
F16	16 May 2024	High Tide Time	1830
F16	16 May 2024	Low Tide Time	1130
F16	16 May 2024	Comments	
F28	14 May 2024	Arrive Time	1110
F28	14 May 2024	Depart Time	1119
F28	14 May 2024	Air Temp (C)	15.2
F28	14 May 2024	Visibility (mi)	10
F28	14 May 2024	Wind Speed (kts)	5
F28	14 May 2024	Wind Dir	SW
F28	14 May 2024	Sea State	Calm
F28	14 May 2024	High Tide Time	142
F28	14 May 2024	Low Tide Time	948
F28	14 May 2024	Comments	
F17	16 May 2024	Arrive Time	1000
F17	16 May 2024	Depart Time	1006
F17	16 May 2024	Air Temp (C)	16.1
F17	16 May 2024	Visibility (mi)	10
F17	16 May 2024	Wind Speed (kts)	5.1
F17	16 May 2024	Wind Dir	SW
F17	16 May 2024	Sea State	Wind Ripples
F17	16 May 2024	High Tide Time	1830
F17	16 May 2024	Low Tide Time	1130
F17	16 May 2024	Comments	
F06	15 May 2024	Arrive Time	1030
F06	15 May 2024	Depart Time	1037
F06	15 May 2024	Air Temp (C)	14.9
F06	15 May 2024	Visibility (mi)	8
F06	15 May 2024	Wind Speed (kts)	9.6
F06	15 May 2024	Wind Dir	S
F06	15 May 2024	Sea State	Light Chop
F06	15 May 2024	High Tide Time	1800
F06	15 May 2024	Low Tide Time	1048
F06	15 May 2024	Comments	
F01	15 May 2024	Arrive Time	1115
F01	15 May 2024	Depart Time	1119
F01	15 May 2024	Air Temp (C)	15.3
F01	15 May 2024	Visibility (mi)	8
F01	15 May 2024	Wind Speed (kts)	4.2
F01	15 May 2024	Wind Dir	S
F01	15 May 2024	Sea State	Light Chop
F01	15 May 2024	High Tide Time	1800
F01	15 May 2024	Low Tide Time	1048
F01	15 May 2024	Comments	
F29	14 May 2024	Arrive Time	1052
F29	14 May 2024	Depart Time	1103
F29	14 May 2024	Air Temp (C)	15.4
F29	14 May 2024	Visibility (mi)	10
F29	14 May 2024	Wind Speed (kts)	4.5
F29	14 May 2024	Wind Dir	S

Station	Date	Parameter	Value
F29	14 May 2024	Sea State	Calm
F29	14 May 2024	High Tide Time	142
F29	14 May 2024	Low Tide Time	948
F29	14 May 2024	Comments	Sent CTD down again because bottle 3 failed.
F18	16 May 2024	Arrive Time	949
F18	16 May 2024	Depart Time	954
F18	16 May 2024	Air Temp (C)	16.1
F18	16 May 2024	Visibility (mi)	10
F18	16 May 2024	Wind Speed (kts)	14.8
F18	16 May 2024	Wind Dir	S
F18	16 May 2024	Sea State	Wind Ripples
F18	16 May 2024	High Tide Time	1830
F18	16 May 2024	Low Tide Time	1130
F18	16 May 2024	Comments	
F07	15 May 2024	Arrive Time	1018
F07	15 May 2024	Depart Time	1025
F07	15 May 2024	Air Temp (C)	14.8
F07	15 May 2024	Visibility (mi)	8
F07	15 May 2024	Wind Speed (kts)	4.6
F07	15 May 2024	Wind Dir	SW
F07	15 May 2024	Sea State	Light Chop
F07	15 May 2024	High Tide Time	1800
F07	15 May 2024	Low Tide Time	1048
F07	15 May 2024	Comments	
F30	14 May 2024	Arrive Time	1035
F30	14 May 2024	Depart Time	1049
F30	14 May 2024	Air Temp (C)	15.6
F30	14 May 2024	Visibility (mi)	10
F30	14 May 2024	Wind Speed (kts)	0
F30	14 May 2024	Wind Dir	NE
F30	14 May 2024	Sea State	Calm
F30	14 May 2024	High Tide Time	142
F30	14 May 2024	Low Tide Time	948
F30	14 May 2024	Comments	No OA samples taken at F30. OA Samples taken at PLOO RTM. OA 1m Btl# Nsk# ;OA 30m Btl# Nsk# ;OA 75m Btl# Nsk# ;OA 75m-dup Btl# Nsk# ;
F19	16 May 2024	Arrive Time	936
F19	16 May 2024	Depart Time	942
F19	16 May 2024	Air Temp (C)	16.1
F19	16 May 2024	Visibility (mi)	10
F19	16 May 2024	Wind Speed (kts)	5.3
F19	16 May 2024	Wind Dir	S
F19	16 May 2024	Sea State	Wind Ripples
F19	16 May 2024	High Tide Time	1830
F19	16 May 2024	Low Tide Time	1130
F19	16 May 2024	Comments	
F08	15 May 2024	Arrive Time	1005
F08	15 May 2024	Depart Time	1011
F08	15 May 2024	Air Temp (C)	14.9
F08	15 May 2024	Visibility (mi)	8
F08	15 May 2024	Wind Speed (kts)	12.6
F08	15 May 2024	Wind Dir	SW
F08	15 May 2024	Sea State	Light Chop
F08	15 May 2024	High Tide Time	1800
F08	15 May 2024	Low Tide Time	1048
F08	15 May 2024	Comments	

Station	Date	Parameter	Value
F31	14 May 2024	Arrive Time	956
F31	14 May 2024	Depart Time	1003
F31	14 May 2024	Air Temp (C)	15.1
F31	14 May 2024	Visibility (mi)	10
F31	14 May 2024	Wind Speed (kts)	0
F31	14 May 2024	Wind Dir	NW
F31	14 May 2024	Sea State	Calm
F31	14 May 2024	High Tide Time	142
F31	14 May 2024	Low Tide Time	948
F31	14 May 2024	Comments	
F20	16 May 2024	Arrive Time	924
F20	16 May 2024	Depart Time	929
F20	16 May 2024	Air Temp (C)	16.1
F20	16 May 2024	Visibility (mi)	10
F20	16 May 2024	Wind Speed (kts)	3.8
F20	16 May 2024	Wind Dir	S
F20	16 May 2024	Sea State	Wind Ripples
F20	16 May 2024	High Tide Time	1830
F20	16 May 2024	Low Tide Time	1130
F20	16 May 2024	Comments	
F09	15 May 2024	Arrive Time	953
F09	15 May 2024	Depart Time	1001
F09	15 May 2024	Air Temp (C)	14.7
F09	15 May 2024	Visibility (mi)	8
F09	15 May 2024	Wind Speed (kts)	9
F09	15 May 2024	Wind Dir	SE
F09	15 May 2024	Sea State	Light Chop
F09	15 May 2024	High Tide Time	1800
F09	15 May 2024	Low Tide Time	1048
F09	15 May 2024	Comments	
F32	14 May 2024	Arrive Time	941
F32	14 May 2024	Depart Time	950
F32	14 May 2024	Air Temp (C)	14.9
F32	14 May 2024	Visibility (mi)	10
F32	14 May 2024	Wind Speed (kts)	0
F32	14 May 2024	Wind Dir	W
F32	14 May 2024	Sea State	Calm
F32	14 May 2024	High Tide Time	142
F32	14 May 2024	Low Tide Time	948
F32	14 May 2024	Comments	
F21	16 May 2024	Arrive Time	908
F21	16 May 2024	Depart Time	914
F21	16 May 2024	Air Temp (C)	16
F21	16 May 2024	Visibility (mi)	10
F21	16 May 2024	Wind Speed (kts)	4.9
F21	16 May 2024	Wind Dir	S
F21	16 May 2024	Sea State	Wind Ripples
F21	16 May 2024	High Tide Time	1830
F21	16 May 2024	Low Tide Time	1130
F21	16 May 2024	Comments	Use 2nd cast due to spikes in CDOM
F10	15 May 2024	Arrive Time	940
F10	15 May 2024	Depart Time	946
F10	15 May 2024	Air Temp (C)	14.7
F10	15 May 2024	Visibility (mi)	8
F10	15 May 2024	Wind Speed (kts)	4.3

Station	Date	Parameter	Value
F10	15 May 2024	Wind Dir	SW
F10	15 May 2024	Sea State	Light Chop
F10	15 May 2024	High Tide Time	1800
F10	15 May 2024	Low Tide Time	1048
F10	15 May 2024	Comments	
F33	14 May 2024	Arrive Time	926
F33	14 May 2024	Depart Time	935
F33	14 May 2024	Air Temp (C)	14.7
F33	14 May 2024	Visibility (mi)	10
F33	14 May 2024	Wind Speed (kts)	0
F33	14 May 2024	Wind Dir	N
F33	14 May 2024	Sea State	Calm
F33	14 May 2024	High Tide Time	142
F33	14 May 2024	Low Tide Time	948
F33	14 May 2024	Comments	
F22	16 May 2024	Arrive Time	855
F22	16 May 2024	Depart Time	902
F22	16 May 2024	Air Temp (C)	16
F22	16 May 2024	Visibility (mi)	10
F22	16 May 2024	Wind Speed (kts)	7.3
F22	16 May 2024	Wind Dir	S
F22	16 May 2024	Sea State	Wind Ripples
F22	16 May 2024	High Tide Time	1830
F22	16 May 2024	Low Tide Time	1130
F22	16 May 2024	Comments	
F11	15 May 2024	Arrive Time	928
F11	15 May 2024	Depart Time	935
F11	15 May 2024	Air Temp (C)	14.8
F11	15 May 2024	Visibility (mi)	8
F11	15 May 2024	Wind Speed (kts)	6.9
F11	15 May 2024	Wind Dir	S
F11	15 May 2024	Sea State	Light Chop
F11	15 May 2024	High Tide Time	1800
F11	15 May 2024	Low Tide Time	1048
F11	15 May 2024	Comments	
F34	14 May 2024	Arrive Time	911
F34	14 May 2024	Depart Time	921
F34	14 May 2024	Air Temp (C)	14.7
F34	14 May 2024	Visibility (mi)	10
F34	14 May 2024	Wind Speed (kts)	5.1
F34	14 May 2024	Wind Dir	SE
F34	14 May 2024	Sea State	Calm
F34	14 May 2024	High Tide Time	142
F34	14 May 2024	Low Tide Time	948
F34	14 May 2024	Comments	
F12	15 May 2024	Arrive Time	915
F12	15 May 2024	Depart Time	921
F12	15 May 2024	Air Temp (C)	14.9
F12	15 May 2024	Visibility (mi)	8
F12	15 May 2024	Wind Speed (kts)	5.6
F12	15 May 2024	Wind Dir	W
F12	15 May 2024	Sea State	Light Chop
F12	15 May 2024	High Tide Time	1800
F12	15 May 2024	Low Tide Time	1048
F12	15 May 2024	Comments	

Station	Date	Parameter	Value
F02	15 May 2024	Arrive Time	817
F02	15 May 2024	Depart Time	821
F02	15 May 2024	Air Temp (C)	14.8
F02	15 May 2024	Visibility (mi)	8
F02	15 May 2024	Wind Speed (kts)	4.3
F02	15 May 2024	Wind Dir	SW
F02	15 May 2024	Sea State	Light Chop
F02	15 May 2024	High Tide Time	1800
F02	15 May 2024	Low Tide Time	1048
F02	15 May 2024	Comments	
F35	14 May 2024	Arrive Time	844
F35	14 May 2024	Depart Time	907
F35	14 May 2024	Air Temp (C)	14.8
F35	14 May 2024	Visibility (mi)	10
F35	14 May 2024	Wind Speed (kts)	4.8
F35	14 May 2024	Wind Dir	E
F35	14 May 2024	Sea State	Calm
F35	14 May 2024	High Tide Time	142
F35	14 May 2024	Low Tide Time	948
F35	14 May 2024	Comments	OA 1m Btl# JA24371-1 Nsk# 4;OA 50m Btl# JA24372-1 Nsk# 3;OA 100m Btl# JA24373-1 Nsk# 1;OA 100m-dup Btl# JA24374-1 Nsk# 2;
F24	16 May 2024	Arrive Time	830
F24	16 May 2024	Depart Time	836
F24	16 May 2024	Air Temp (C)	15.8
F24	16 May 2024	Visibility (mi)	10
F24	16 May 2024	Wind Speed (kts)	6
F24	16 May 2024	Wind Dir	S
F24	16 May 2024	Sea State	Wind Ripples
F24	16 May 2024	High Tide Time	1830
F24	16 May 2024	Low Tide Time	1130
F24	16 May 2024	Comments	
F13	15 May 2024	Arrive Time	858
F13	15 May 2024	Depart Time	912
F13	15 May 2024	Air Temp (C)	15
F13	15 May 2024	Visibility (mi)	8
F13	15 May 2024	Wind Speed (kts)	6.1
F13	15 May 2024	Wind Dir	SW
F13	15 May 2024	Sea State	Light Chop
F13	15 May 2024	High Tide Time	1800
F13	15 May 2024	Low Tide Time	1048
F13	15 May 2024	Comments	OA 1m Btl# JA24367-1 Nsk# 6;OA 60m Btl# JA24368-1 Nsk# 5;
F36	14 May 2024	Arrive Time	822
F36	14 May 2024	Depart Time	834
F36	14 May 2024	Air Temp (C)	14.7
F36	14 May 2024	Visibility (mi)	10
F36	14 May 2024	Wind Speed (kts)	0
F36	14 May 2024	Wind Dir	SW
F36	14 May 2024	Sea State	Calm
F36	14 May 2024	High Tide Time	142
F36	14 May 2024	Low Tide Time	948
F36	14 May 2024	Comments	
F25	16 May 2024	Arrive Time	816
F25	16 May 2024	Depart Time	828
F25	16 May 2024	Air Temp (C)	15.9

Station	Date	Parameter	Value
F25	16 May 2024	Visibility (mi)	10
F25	16 May 2024	Wind Speed (kts)	6.9
F25	16 May 2024	Wind Dir	S
F25	16 May 2024	Sea State	Wind Ripples
F25	16 May 2024	High Tide Time	1830
F25	16 May 2024	Low Tide Time	1130
F25	16 May 2024	Comments	
F14	15 May 2024	Arrive Time	845
F14	15 May 2024	Depart Time	851
F14	15 May 2024	Air Temp (C)	15
F14	15 May 2024	Visibility (mi)	8
F14	15 May 2024	Wind Speed (kts)	8.3
F14	15 May 2024	Wind Dir	S
F14	15 May 2024	Sea State	Light Chop
F14	15 May 2024	High Tide Time	1800
F14	15 May 2024	Low Tide Time	1048
F14	15 May 2024	Comments	
F03	15 May 2024	Arrive Time	829
F03	15 May 2024	Depart Time	840
F03	15 May 2024	Air Temp (C)	14.9
F03	15 May 2024	Visibility (mi)	8
F03	15 May 2024	Wind Speed (kts)	2.3
F03	15 May 2024	Wind Dir	SW
F03	15 May 2024	Sea State	Light Chop
F03	15 May 2024	High Tide Time	1800
F03	15 May 2024	Low Tide Time	1048
F03	15 May 2024	Comments	

Table 4.4

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

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F26	14 May 2024	1	17.79	96.24	8.3	33.46	8.2	24.1	0.18
F26	14 May 2024	2	17.68	96.20	8.3	33.45	8.2	24.2	0.18
F26	14 May 2024	3	17.48	96.07	8.3	33.45	8.2	24.2	0.20
F26	14 May 2024	4	17.15	95.95	8.3	33.44	8.2	24.3	0.24
F26	14 May 2024	5	16.85	95.61	8.4	33.42	8.2	24.3	0.30
F26	14 May 2024	6	16.63	95.21	8.5	33.41	8.2	24.4	0.36
F26	14 May 2024	7	16.54	94.98	8.5	33.41	8.2	24.4	0.38
F26	14 May 2024	8	16.36	94.93	8.5	33.40	8.2	24.4	0.42
F26	14 May 2024	9	16.13	94.89	8.5	33.40	8.2	24.5	0.56
F26	14 May 2024	10	15.90	94.70	8.5	33.39	8.2	24.5	0.54
F26	14 May 2024	11	15.38	94.41	8.4	33.38	8.2	24.6	0.74
F26	14 May 2024	12	14.46	93.76	8.4	33.35	8.2	24.8	0.93
F26	14 May 2024	13	13.69	92.57	8.4	33.37	8.1	25.0	1.14
F26	14 May 2024	14	13.29	91.38	8.5	33.38	8.1	25.1	1.34
F26	14 May 2024	15	13.08	91.35	8.3	33.39	8.1	25.1	1.92
F26	14 May 2024	16	13.05	90.23	7.7	33.39	8.1	25.1	2.70
F26	14 May 2024	17	12.09	88.22	6.5	33.45	8.0	25.4	2.22
F26	14 May 2024	18	11.61	92.16	5.6	33.47	7.9	25.5	2.28
F26	14 May 2024	19	11.39	93.38	5.3	33.47	7.9	25.5	2.05
F26	14 May 2024	20	11.29	95.12	5.2	33.47	7.9	25.5	1.54
F26	14 May 2024	21	11.14	97.49	5.1	33.51	7.9	25.6	1.30
F26	14 May 2024	22	11.03	98.22	5.1	33.53	7.9	25.6	0.82
F26	14 May 2024	23	11.00	98.33	5.0	33.54	7.9	25.6	0.70
F26	14 May 2024	24	10.97	98.45	5.0	33.56	7.8	25.7	0.57
F26	14 May 2024	25	10.97	98.55	4.9	33.56	7.8	25.7	0.54
F26	14 May 2024	26	10.94	98.65	4.9	33.58	7.8	25.7	0.51
F26	14 May 2024	27	10.89	98.66	4.8	33.59	7.8	25.7	0.47
F26	14 May 2024	28	10.81	98.68	4.7	33.62	7.8	25.7	0.46
F26	14 May 2024	29	10.78	98.72	4.7	33.63	7.8	25.7	0.47
F26	14 May 2024	30	10.76	98.84	4.6	33.63	7.8	25.8	0.49
F26	14 May 2024	31	10.70	98.80	4.6	33.65	7.8	25.8	0.51
F26	14 May 2024	32	10.67	98.66	4.5	33.65	7.8	25.8	0.53
F26	14 May 2024	33	10.63	98.67	4.5	33.66	7.8	25.8	0.53
F26	14 May 2024	34	10.60	98.76	4.4	33.68	7.8	25.8	0.58
F26	14 May 2024	35	10.64	98.54	4.2	33.71	7.8	25.8	0.62
F26	14 May 2024	36	10.63	97.95	3.9	33.73	7.8	25.8	0.66
F26	14 May 2024	37	10.60	97.70	3.8	33.74	7.8	25.9	0.85
F26	14 May 2024	38	10.57	97.72	3.8	33.74	7.8	25.9	0.70
F26	14 May 2024	39	10.55	97.85	3.8	33.74	7.8	25.9	0.64
F26	14 May 2024	40	10.55	97.89	3.8	33.74	7.8	25.9	0.61
F26	14 May 2024	41	10.53	97.89	3.8	33.75	7.8	25.9	0.59
F26	14 May 2024	42	10.51	97.91	3.8	33.75	7.8	25.9	0.57
F26	14 May 2024	43	10.48	97.93	3.7	33.76	7.8	25.9	0.53
F26	14 May 2024	44	10.45	97.98	3.7	33.76	7.8	25.9	0.52
F26	14 May 2024	45	10.43	97.96	3.7	33.77	7.8	25.9	0.50
F26	14 May 2024	46	10.37	97.91	3.8	33.77	7.8	25.9	0.45
F26	14 May 2024	47	10.35	98.05	3.8	33.77	7.8	25.9	0.40
F26	14 May 2024	48	10.32	98.19	3.8	33.78	7.8	25.9	0.36
F26	14 May 2024	49	10.30	98.22	3.8	33.78	7.8	25.9	0.34
F26	14 May 2024	50	10.29	98.29	3.8	33.78	7.8	26.0	0.32
F26	14 May 2024	51	10.25	98.29	3.8	33.79	7.8	26.0	0.28
F26	14 May 2024	52	10.18	98.42	3.8	33.80	7.8	26.0	0.24
F26	14 May 2024	53	10.12	98.40	3.8	33.82	7.8	26.0	0.25
F26	14 May 2024	54	10.12	98.35	3.7	33.82	7.8	26.0	0.17
F26	14 May 2024	55	10.11	98.38	3.7	33.82	7.8	26.0	0.15

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F26	14 May 2024	56	10.10	98.39	3.7	33.82	7.8	26.0	0.15
F26	14 May 2024	57	10.10	98.36	3.7	33.83	7.8	26.0	0.13
F26	14 May 2024	58	10.09	98.41	3.7	33.83	7.8	26.0	0.12
F26	14 May 2024	59	10.07	98.45	3.7	33.83	7.8	26.0	0.12
F26	14 May 2024	60	10.05	98.58	3.8	33.84	7.8	26.0	0.11
F26	14 May 2024	61	10.05	98.68	3.8	33.84	7.8	26.0	0.11
F26	14 May 2024	62	10.04	98.86	3.8	33.85	7.8	26.0	0.11
F26	14 May 2024	63	10.02	98.88	3.8	33.86	7.8	26.1	0.10
F26	14 May 2024	64	10.01	99.05	3.8	33.86	7.8	26.1	0.09
F26	14 May 2024	65	10.00	99.15	3.8	33.87	7.8	26.1	0.09
F26	14 May 2024	66	10.00	99.19	3.8	33.87	7.8	26.1	0.09
F26	14 May 2024	67	10.00	99.17	3.7	33.87	7.8	26.1	0.09
F26	14 May 2024	68	10.00	99.18	3.7	33.87	7.8	26.1	0.10
F26	14 May 2024	69	9.99	99.16	3.7	33.87	7.8	26.1	0.09
F26	14 May 2024	70	9.98	99.11	3.7	33.88	7.8	26.1	0.09
F26	14 May 2024	71	9.98	99.12	3.7	33.88	7.8	26.1	0.09
F26	14 May 2024	72	9.97	99.13	3.6	33.89	7.8	26.1	0.09
F26	14 May 2024	73	9.96	99.05	3.6	33.89	7.8	26.1	0.09
F26	14 May 2024	74	9.96	99.01	3.6	33.90	7.8	26.1	0.08
F26	14 May 2024	75	9.95	98.92	3.5	33.90	7.8	26.1	0.08
F26	14 May 2024	76	9.95	98.79	3.5	33.91	7.8	26.1	0.09
F26	14 May 2024	77	9.95	98.70	3.5	33.91	7.8	26.1	0.09
F26	14 May 2024	78	9.94	98.57	3.4	33.92	7.8	26.1	0.10
F26	14 May 2024	79	9.94	98.30	3.3	33.93	7.7	26.1	0.10
F26	14 May 2024	80	9.94	97.93	3.3	33.94	7.7	26.1	0.11
F26	14 May 2024	81	9.93	97.75	3.2	33.96	7.7	26.1	0.11
F26	14 May 2024	82	9.92	97.77	3.1	33.96	7.7	26.2	0.10
F26	14 May 2024	83	9.92	97.85	3.1	33.97	7.7	26.2	0.10
F26	14 May 2024	84	9.92	97.69	3.1	33.98	7.7	26.2	0.11
F26	14 May 2024	85	9.92	97.62	3.0	33.98	7.7	26.2	0.10
F26	14 May 2024	86	9.92	97.57	3.0	33.98	7.7	26.2	0.10
F26	14 May 2024	87	9.91	97.56	3.0	33.98	7.7	26.2	0.10
F26	14 May 2024	88	9.91	97.46	3.0	33.98	7.7	26.2	0.11
F26	14 May 2024	89	9.91	97.24	3.0	33.99	7.7	26.2	0.11
F26	14 May 2024	90	9.90	96.92	3.0	34.00	7.7	26.2	0.11
F26	14 May 2024	91	9.89	96.77	2.9	34.00	7.7	26.2	0.11
F26	14 May 2024	92	9.88	96.75	2.9	34.01	7.7	26.2	0.10
F26	14 May 2024	93	9.88	96.96	2.9	34.01	7.7	26.2	0.10
F26	14 May 2024	94	9.87	96.91	2.9	34.02	7.7	26.2	0.10
F26	14 May 2024	95	9.86	96.67	2.8	34.03	7.7	26.2	0.10
F26	14 May 2024	96	9.85	96.50	2.8	34.03	7.7	26.2	0.09
F26	14 May 2024	97	9.86	96.49	2.8	34.03	7.7	26.2	0.11
F26	14 May 2024	98	9.85	96.53	2.8	34.04	7.7	26.2	0.12
F26	14 May 2024	99	9.83	96.40	2.8	34.05	7.7	26.2	0.11
F26	14 May 2024	100	9.84	86.83	2.7	34.04	7.7	26.2	0.10
F15	16 May 2024	1	17.66	96.40	8.2	33.47	8.2	24.2	0.28
F15	16 May 2024	2	17.62	96.24	8.2	33.47	8.2	24.2	0.31
F15	16 May 2024	3	17.59	96.18	8.2	33.47	8.2	24.2	0.34
F15	16 May 2024	4	17.57	95.85	8.3	33.47	8.2	24.2	0.37
F15	16 May 2024	5	17.57	96.04	8.3	33.47	8.2	24.2	0.40
F15	16 May 2024	6	17.56	95.47	8.3	33.47	8.2	24.2	0.43
F15	16 May 2024	7	17.55	95.99	8.3	33.47	8.2	24.2	0.47
F15	16 May 2024	8	17.54	95.94	8.2	33.47	8.2	24.2	0.45
F15	16 May 2024	9	17.52	95.84	8.2	33.47	8.2	24.2	0.46
F15	16 May 2024	10	17.47	96.03	8.2	33.47	8.2	24.2	0.49
F15	16 May 2024	11	17.36	95.95	8.2	33.47	8.2	24.3	0.59
F15	16 May 2024	12	17.19	95.37	8.2	33.47	8.2	24.3	0.83
F15	16 May 2024	13	17.03	95.54	8.2	33.47	8.2	24.3	0.87
F15	16 May 2024	14	16.81	95.55	8.2	33.46	8.2	24.4	0.98
F15	16 May 2024	15	16.14	95.46	7.9	33.46	8.2	24.5	1.57

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F15	16 May 2024	16	14.83	93.69	7.5	33.47	8.2	24.8	1.70
F15	16 May 2024	17	13.13	93.39	7.0	33.49	8.1	25.2	2.09
F15	16 May 2024	18	12.60	93.24	6.4	33.48	8.0	25.3	2.72
F15	16 May 2024	19	12.36	92.53	6.0	33.48	8.0	25.3	2.62
F15	16 May 2024	20	12.19	93.48	5.7	33.48	7.9	25.4	1.97
F15	16 May 2024	21	12.08	94.16	5.4	33.48	7.9	25.4	2.39
F15	16 May 2024	22	11.98	94.26	5.3	33.50	7.9	25.4	1.97
F15	16 May 2024	23	11.88	94.45	5.1	33.50	7.9	25.5	2.11
F15	16 May 2024	24	11.68	95.42	4.9	33.53	7.9	25.5	1.64
F15	16 May 2024	25	11.52	96.42	4.8	33.56	7.9	25.6	1.62
F15	16 May 2024	26	11.50	96.83	4.7	33.56	7.9	25.6	1.38
F15	16 May 2024	27	11.48	97.09	4.6	33.57	7.8	25.6	1.28
F15	16 May 2024	28	11.43	97.13	4.6	33.59	7.8	25.6	1.37
F15	16 May 2024	29	11.33	97.24	4.5	33.60	7.8	25.6	1.21
F15	16 May 2024	30	11.25	97.57	4.5	33.61	7.8	25.6	1.05
F15	16 May 2024	31	11.20	97.49	4.5	33.62	7.8	25.7	1.00
F15	16 May 2024	32	11.18	97.52	4.4	33.63	7.8	25.7	0.93
F15	16 May 2024	33	11.15	97.53	4.3	33.64	7.8	25.7	0.94
F15	16 May 2024	34	11.12	97.16	4.3	33.65	7.8	25.7	1.07
F15	16 May 2024	35	11.08	96.50	4.2	33.66	7.8	25.7	1.16
F15	16 May 2024	36	11.00	95.56	4.1	33.68	7.8	25.8	1.35
F15	16 May 2024	37	10.94	94.67	4.1	33.69	7.8	25.8	1.48
F15	16 May 2024	38	10.83	94.91	4.1	33.70	7.8	25.8	1.36
F15	16 May 2024	39	10.74	96.01	4.1	33.72	7.8	25.8	1.37
F15	16 May 2024	40	10.64	96.20	4.0	33.73	7.8	25.8	1.26
F15	16 May 2024	41	10.56	96.51	3.9	33.73	7.8	25.9	1.14
F15	16 May 2024	42	10.51	96.95	3.9	33.75	7.8	25.9	0.96
F15	16 May 2024	43	10.48	97.08	3.8	33.75	7.8	25.9	0.83
F15	16 May 2024	44	10.45	96.94	3.8	33.76	7.8	25.9	0.79
F15	16 May 2024	45	10.43	96.90	3.7	33.77	7.8	25.9	0.74
F15	16 May 2024	46	10.38	97.08	3.7	33.77	7.8	25.9	0.67
F15	16 May 2024	47	10.33	97.34	3.7	33.78	7.8	25.9	0.63
F15	16 May 2024	48	10.30	97.60	3.7	33.79	7.8	26.0	0.55
F15	16 May 2024	49	10.29	97.76	3.6	33.80	7.8	26.0	0.49
F15	16 May 2024	50	10.28	97.73	3.6	33.80	7.8	26.0	0.47
F15	16 May 2024	51	10.26	97.77	3.6	33.80	7.8	26.0	0.45
F15	16 May 2024	52	10.26	97.93	3.6	33.80	7.8	26.0	0.42
F15	16 May 2024	53	10.25	98.19	3.6	33.80	7.8	26.0	0.39
F15	16 May 2024	54	10.23	98.32	3.6	33.81	7.8	26.0	0.37
F15	16 May 2024	55	10.20	98.46	3.6	33.82	7.8	26.0	0.33
F15	16 May 2024	56	10.18	98.36	3.6	33.83	7.8	26.0	0.30
F15	16 May 2024	57	10.18	98.17	3.5	33.83	7.8	26.0	0.28
F15	16 May 2024	58	10.17	98.19	3.5	33.83	7.8	26.0	0.28
F15	16 May 2024	59	10.16	98.16	3.5	33.84	7.8	26.0	0.27
F15	16 May 2024	60	10.14	98.07	3.5	33.84	7.8	26.0	0.26
F15	16 May 2024	61	10.13	97.97	3.5	33.85	7.8	26.0	0.26
F15	16 May 2024	62	10.12	97.95	3.5	33.85	7.8	26.0	0.24
F15	16 May 2024	63	10.10	97.81	3.5	33.86	7.8	26.0	0.22
F15	16 May 2024	64	10.05	97.75	3.5	33.86	7.8	26.1	0.21
F15	16 May 2024	65	10.03	98.01	3.5	33.87	7.8	26.1	0.16
F15	16 May 2024	66	10.01	97.92	3.5	33.88	7.8	26.1	0.15
F15	16 May 2024	67	10.00	97.98	3.4	33.88	7.8	26.1	0.14
F15	16 May 2024	68	9.97	97.96	3.4	33.90	7.8	26.1	0.13
F15	16 May 2024	69	9.97	98.14	3.4	33.91	7.8	26.1	0.14
F15	16 May 2024	70	9.97	98.14	3.3	33.92	7.8	26.1	0.13
F15	16 May 2024	71	9.98	98.00	3.3	33.92	7.8	26.1	0.13
F15	16 May 2024	72	9.98	97.74	3.2	33.94	7.8	26.1	0.14
F15	16 May 2024	73	9.97	97.00	3.1	33.95	7.7	26.1	0.14
F15	16 May 2024	74	9.96	96.74	3.1	33.96	7.7	26.1	0.13
F15	16 May 2024	75	9.96	96.50	3.0	33.96	7.7	26.1	0.14
F15	16 May 2024	76	9.96	96.49	3.0	33.96	7.7	26.1	0.14

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F15	16 May 2024	77	9.95	96.42	3.0	33.97	7.7	26.2	0.14
F15	16 May 2024	78	9.94	95.28	2.9	33.98	7.7	26.2	0.14
F15	16 May 2024	79	9.94	92.39	2.9	33.98	7.7	26.2	0.14
F15	16 May 2024	80	9.94	91.74	2.8	33.98	7.7	26.2	0.14
F15	16 May 2024	81	9.93	91.48	2.8	33.99	7.7	26.2	0.14
F15	16 May 2024	82	9.94	91.18	2.8	33.99	7.7	26.2	0.15
F04	15 May 2024	1	17.83	95.45	8.4	33.47	8.2	24.1	0.30
F04	15 May 2024	2	17.81	95.32	8.4	33.47	8.2	24.1	0.32
F04	15 May 2024	3	17.81	96.03	8.4	33.47	8.2	24.1	0.34
F04	15 May 2024	4	17.77	95.93	8.4	33.47	8.2	24.2	0.37
F04	15 May 2024	5	17.75	95.87	8.3	33.47	8.2	24.2	0.43
F04	15 May 2024	6	17.39	95.56	8.1	33.46	8.2	24.2	0.52
F04	15 May 2024	7	16.67	95.35	7.8	33.47	8.2	24.4	0.65
F04	15 May 2024	8	15.38	94.72	7.4	33.28	8.2	24.6	0.87
F04	15 May 2024	9	14.40	94.03	7.3	33.46	8.1	24.9	1.07
F04	15 May 2024	10	14.35	93.67	7.0	33.45	8.1	24.9	1.20
F04	15 May 2024	11	13.74	93.35	6.9	33.46	8.1	25.1	1.65
F04	15 May 2024	12	13.70	92.94	6.8	33.47	8.0	25.1	1.75
F04	15 May 2024	13	13.64	92.97	6.7	33.46	8.0	25.1	2.01
F04	15 May 2024	14	13.35	92.75	6.7	33.47	8.0	25.1	2.33
F04	15 May 2024	15	13.19	92.35	6.6	33.46	8.0	25.2	2.66
F04	15 May 2024	16	12.82	91.35	6.3	33.47	8.0	25.2	3.27
F04	15 May 2024	17	12.64	92.70	6.0	33.49	8.0	25.3	2.30
F04	15 May 2024	18	12.39	93.96	5.7	33.51	7.9	25.4	2.17
F04	15 May 2024	19	12.25	94.87	5.5	33.51	7.9	25.4	2.14
F04	15 May 2024	20	12.13	95.06	5.3	33.53	7.9	25.4	1.78
F04	15 May 2024	21	11.97	95.61	5.1	33.55	7.9	25.5	1.80
F04	15 May 2024	22	11.83	96.13	5.0	33.57	7.9	25.5	1.27
F04	15 May 2024	23	11.80	96.24	4.9	33.58	7.9	25.5	1.24
F04	15 May 2024	24	11.74	96.37	4.8	33.58	7.9	25.5	1.06
F04	15 May 2024	25	11.61	96.46	4.7	33.60	7.8	25.6	1.14
F04	15 May 2024	26	11.49	96.77	4.6	33.62	7.8	25.6	1.10
F04	15 May 2024	27	11.40	97.04	4.5	33.63	7.8	25.6	0.95
F04	15 May 2024	28	11.38	96.87	4.4	33.64	7.8	25.6	0.85
F04	15 May 2024	29	11.32	97.03	4.4	33.65	7.8	25.7	0.88
F04	15 May 2024	30	11.17	96.89	4.3	33.67	7.8	25.7	0.95
F04	15 May 2024	31	11.07	96.56	4.3	33.68	7.8	25.7	1.03
F04	15 May 2024	32	11.02	96.46	4.2	33.68	7.8	25.7	1.07
F04	15 May 2024	33	10.81	96.61	4.1	33.70	7.8	25.8	1.04
F04	15 May 2024	34	10.76	96.79	4.0	33.72	7.8	25.8	1.10
F04	15 May 2024	35	10.72	96.76	3.9	33.72	7.8	25.8	0.93
F04	15 May 2024	36	10.60	96.86	3.8	33.74	7.8	25.9	0.83
F04	15 May 2024	37	10.57	97.02	3.8	33.74	7.8	25.9	0.91
F04	15 May 2024	38	10.50	97.06	3.8	33.75	7.8	25.9	0.84
F04	15 May 2024	39	10.44	97.21	3.8	33.75	7.8	25.9	0.70
F04	15 May 2024	40	10.44	97.77	3.9	33.75	7.8	25.9	0.62
F04	15 May 2024	41	10.38	98.02	3.8	33.76	7.8	25.9	0.56
F04	15 May 2024	42	10.36	98.16	3.8	33.77	7.8	25.9	0.51
F04	15 May 2024	43	10.35	98.22	3.8	33.77	7.8	25.9	0.49
F04	15 May 2024	44	10.34	98.38	3.8	33.77	7.8	25.9	0.47
F04	15 May 2024	45	10.31	98.41	3.8	33.78	7.8	25.9	0.43
F04	15 May 2024	46	10.26	98.43	3.7	33.80	7.8	26.0	0.38
F04	15 May 2024	47	10.25	98.54	3.7	33.80	7.8	26.0	0.35
F04	15 May 2024	48	10.24	98.49	3.7	33.80	7.8	26.0	0.34
F04	15 May 2024	49	10.18	98.35	3.6	33.82	7.8	26.0	0.32
F04	15 May 2024	50	10.12	98.28	3.5	33.84	7.8	26.0	0.26
F04	15 May 2024	51	10.09	97.97	3.5	33.85	7.8	26.0	0.22
F04	15 May 2024	52	10.07	97.97	3.5	33.86	7.8	26.0	0.18
F04	15 May 2024	53	10.06	98.07	3.5	33.86	7.8	26.0	0.16
F04	15 May 2024	54	10.06	98.12	3.5	33.86	7.8	26.1	0.15

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F04	15 May 2024	55	10.07	98.10	3.5	33.87	7.8	26.1	0.15
F04	15 May 2024	56	10.07	97.88	3.5	33.87	7.8	26.1	0.16
F04	15 May 2024	57	10.07	97.75	3.5	33.87	7.8	26.1	0.17
F04	15 May 2024	58	10.07	97.73	3.5	33.87	7.8	26.1	0.17
F04	15 May 2024	59	10.08	97.56	3.4	33.88	7.7	26.1	0.20
F04	15 May 2024	60	10.09	96.55	3.3	33.89	7.7	26.1	0.21
F04	15 May 2024	61	10.09	93.56	3.3	33.88	7.7	26.1	0.20
F05	15 May 2024	1	17.69	95.12	8.3	33.46	8.2	24.2	0.42
F05	15 May 2024	2	17.64	95.14	8.2	33.46	8.2	24.2	0.44
F05	15 May 2024	3	16.77	95.23	8.0	33.47	8.2	24.4	0.51
F05	15 May 2024	4	15.74	94.43	7.4	33.45	8.2	24.6	0.68
F05	15 May 2024	5	13.44	92.24	7.0	33.49	8.1	25.1	1.28
F05	15 May 2024	6	13.36	92.08	6.6	33.47	8.0	25.1	1.37
F05	15 May 2024	7	12.42	91.55	6.0	33.51	8.0	25.4	1.56
F05	15 May 2024	8	12.28	93.10	5.7	33.52	7.9	25.4	1.75
F05	15 May 2024	9	12.22	93.79	5.5	33.53	7.9	25.4	1.47
F05	15 May 2024	10	12.26	94.40	5.4	33.53	7.9	25.4	1.53
F05	15 May 2024	11	11.99	94.25	5.2	33.56	7.9	25.5	1.37
F05	15 May 2024	12	11.73	94.94	4.9	33.60	7.9	25.6	1.35
F05	15 May 2024	13	11.71	95.68	4.8	33.60	7.9	25.6	1.09
F05	15 May 2024	14	11.58	95.85	4.7	33.62	7.8	25.6	1.03
F05	15 May 2024	15	11.49	95.77	4.6	33.63	7.8	25.6	1.11
F05	15 May 2024	16	11.45	95.65	4.5	33.64	7.8	25.6	1.32
F05	15 May 2024	17	11.27	95.44	4.4	33.66	7.8	25.7	1.49
F05	15 May 2024	18	11.17	95.19	4.3	33.66	7.8	25.7	1.77
F05	15 May 2024	19	10.96	94.72	4.2	33.68	7.8	25.8	1.88
F05	15 May 2024	20	10.96	94.46	4.1	33.68	7.8	25.8	1.72
F05	15 May 2024	21	10.88	94.88	4.1	33.69	7.8	25.8	1.66
F05	15 May 2024	22	10.78	95.49	4.0	33.71	7.8	25.8	1.48
F05	15 May 2024	23	10.61	96.28	4.0	33.72	7.8	25.9	1.16
F05	15 May 2024	24	10.56	96.47	4.0	33.73	7.8	25.9	1.01
F05	15 May 2024	25	10.57	96.69	3.9	33.73	7.8	25.9	0.92
F05	15 May 2024	26	10.54	96.71	3.9	33.74	7.8	25.9	0.88
F05	15 May 2024	27	10.53	96.63	3.9	33.74	7.8	25.9	0.84
F05	15 May 2024	28	10.52	96.68	3.8	33.75	7.8	25.9	0.89
F05	15 May 2024	29	10.50	96.52	3.8	33.75	7.8	25.9	1.15
F05	15 May 2024	30	10.48	96.36	3.7	33.76	7.8	25.9	1.11
F05	15 May 2024	31	10.43	96.37	3.7	33.77	7.8	25.9	0.85
F05	15 May 2024	32	10.40	96.48	3.7	33.77	7.8	25.9	0.87
F05	15 May 2024	33	10.38	96.80	3.7	33.78	7.8	25.9	0.69
F05	15 May 2024	34	10.35	97.16	3.6	33.78	7.8	25.9	0.65
F05	15 May 2024	35	10.33	97.20	3.6	33.79	7.8	25.9	0.58
F05	15 May 2024	36	10.32	97.25	3.6	33.79	7.8	26.0	0.52
F05	15 May 2024	37	10.32	97.23	3.6	33.79	7.8	26.0	0.50
F05	15 May 2024	38	10.31	97.16	3.5	33.80	7.8	26.0	0.49
F05	15 May 2024	39	10.31	96.97	3.5	33.81	7.7	26.0	0.47
F05	15 May 2024	40	10.30	96.41	3.4	33.81	7.7	26.0	0.45
F05	15 May 2024	41	10.28	96.52	3.5	33.81	7.7	26.0	0.43
F05	15 May 2024	42	10.27	96.84	3.5	33.81	7.7	26.0	0.42
F05	15 May 2024	43	10.27	96.82	3.5	33.82	7.7	26.0	0.41
F05	15 May 2024	44	10.25	96.94	3.5	33.82	7.7	26.0	0.40
F05	15 May 2024	45	10.24	96.88	3.4	33.83	7.7	26.0	0.40
F05	15 May 2024	46	10.23	96.99	3.4	33.83	7.7	26.0	0.39
F05	15 May 2024	47	10.23	96.88	3.4	33.83	7.7	26.0	0.38
F05	15 May 2024	48	10.22	96.71	3.4	33.83	7.7	26.0	0.39
F05	15 May 2024	49	10.22	96.60	3.4	33.83	7.7	26.0	0.37
F05	15 May 2024	50	10.22	96.41	3.4	33.83	7.7	26.0	0.35
F05	15 May 2024	51	10.22	96.24	3.3	33.83	7.7	26.0	0.35
F05	15 May 2024	52	10.22	96.02	3.3	33.83	7.7	26.0	0.34
F05	15 May 2024	53	10.21	95.86	3.3	33.84	7.7	26.0	0.35

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F05	15 May 2024	54	10.20	95.63	3.3	33.84	7.7	26.0	0.35
F05	15 May 2024	55	10.20	95.30	3.3	33.84	7.7	26.0	0.35
F05	15 May 2024	56	10.20	95.16	3.3	33.84	7.7	26.0	0.33
F05	15 May 2024	57	10.19	95.30	3.3	33.84	7.7	26.0	0.32
F05	15 May 2024	58	10.18	94.77	3.2	33.85	7.7	26.0	0.32
F05	15 May 2024	59	10.14	93.79	3.1	33.87	7.7	26.0	0.31
F05	15 May 2024	60	10.08	92.64	3.1	33.90	7.7	26.1	0.27
F05	15 May 2024	61	10.04	92.40	3.0	33.92	7.7	26.1	0.25
F05	15 May 2024	62	10.07	92.63	3.0	33.91	7.7	26.1	0.23
F27	14 May 2024	1	17.20	95.51	8.4	33.44	8.2	24.3	0.23
F27	14 May 2024	2	16.91	95.58	8.4	33.43	8.2	24.3	0.25
F27	14 May 2024	3	16.48	95.44	8.4	33.42	8.2	24.4	0.28
F27	14 May 2024	4	16.25	95.32	8.5	33.41	8.2	24.5	0.39
F27	14 May 2024	5	16.16	94.95	8.5	33.40	8.2	24.5	0.51
F27	14 May 2024	6	15.80	94.65	8.4	33.39	8.2	24.6	0.57
F27	14 May 2024	7	15.09	94.36	8.6	33.38	8.2	24.7	0.62
F27	14 May 2024	8	14.21	93.56	8.9	33.36	8.2	24.9	0.73
F27	14 May 2024	9	13.94	92.33	8.9	33.36	8.2	24.9	0.86
F27	14 May 2024	10	13.58	92.66	8.6	33.37	8.2	25.0	1.22
F27	14 May 2024	11	12.89	90.58	8.3	33.40	8.1	25.2	1.74
F27	14 May 2024	12	12.71	88.97	7.9	33.40	8.1	25.2	1.86
F27	14 May 2024	13	12.64	91.02	7.5	33.40	8.1	25.2	2.22
F27	14 May 2024	14	12.56	91.16	7.2	33.41	8.0	25.3	2.53
F27	14 May 2024	15	12.45	90.65	6.8	33.42	8.0	25.3	2.86
F27	14 May 2024	16	12.24	90.12	6.2	33.44	8.0	25.3	2.79
F27	14 May 2024	17	12.18	91.51	5.8	33.45	7.9	25.4	2.85
F27	14 May 2024	18	12.01	92.55	5.5	33.46	7.9	25.4	2.40
F27	14 May 2024	19	11.71	93.48	5.2	33.48	7.9	25.5	2.25
F27	14 May 2024	20	11.51	94.51	5.1	33.49	7.9	25.5	2.10
F27	14 May 2024	21	11.37	95.42	5.1	33.49	7.9	25.5	1.84
F27	14 May 2024	22	11.16	96.14	5.1	33.51	7.9	25.6	1.33
F27	14 May 2024	23	10.97	96.73	5.1	33.52	7.9	25.6	0.95
F27	14 May 2024	24	10.92	97.64	5.1	33.53	7.9	25.6	0.75
F27	14 May 2024	25	10.90	98.23	5.0	33.54	7.9	25.7	0.64
F27	14 May 2024	26	10.88	98.58	5.0	33.56	7.8	25.7	0.59
F27	14 May 2024	27	10.87	98.70	4.9	33.57	7.8	25.7	0.56
F27	14 May 2024	28	10.87	98.79	4.9	33.58	7.8	25.7	0.52
F27	14 May 2024	29	10.87	98.17	4.8	33.58	7.8	25.7	0.53
F27	14 May 2024	30	10.86	98.32	4.8	33.59	7.8	25.7	0.53
F27	14 May 2024	31	10.85	98.76	4.8	33.59	7.8	25.7	0.53
F27	14 May 2024	32	10.80	98.75	4.8	33.61	7.8	25.7	0.56
F27	14 May 2024	33	10.69	98.75	4.6	33.64	7.8	25.8	0.55
F27	14 May 2024	34	10.67	98.73	4.4	33.67	7.8	25.8	0.60
F27	14 May 2024	35	10.65	98.56	4.3	33.68	7.8	25.8	0.63
F27	14 May 2024	36	10.61	98.39	4.2	33.69	7.8	25.8	0.64
F27	14 May 2024	37	10.60	98.39	4.1	33.71	7.8	25.8	0.64
F27	14 May 2024	38	10.63	98.22	3.9	33.73	7.8	25.9	0.68
F27	14 May 2024	39	10.62	97.75	3.8	33.74	7.8	25.9	0.71
F27	14 May 2024	40	10.57	97.59	3.7	33.74	7.8	25.9	0.67
F27	14 May 2024	41	10.36	97.64	3.9	33.76	7.8	25.9	0.52
F27	14 May 2024	42	10.32	98.08	4.0	33.77	7.8	25.9	0.42
F27	14 May 2024	43	10.32	98.57	3.9	33.77	7.8	25.9	0.35
F27	14 May 2024	44	10.31	98.51	3.9	33.78	7.8	25.9	0.33
F27	14 May 2024	45	10.29	98.50	3.9	33.78	7.8	25.9	0.31
F27	14 May 2024	46	10.25	98.32	3.8	33.79	7.8	26.0	0.28
F27	14 May 2024	47	10.20	98.13	3.7	33.80	7.8	26.0	0.26
F27	14 May 2024	48	10.18	98.02	3.7	33.81	7.8	26.0	0.23
F27	14 May 2024	49	10.17	98.02	3.7	33.82	7.8	26.0	0.21
F27	14 May 2024	50	10.17	98.07	3.6	33.82	7.8	26.0	0.21
F27	14 May 2024	51	10.16	98.13	3.6	33.82	7.8	26.0	0.20

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F27	14 May 2024	52	10.16	98.14	3.6	33.82	7.8	26.0	0.19
F27	14 May 2024	53	10.13	98.14	3.6	33.83	7.8	26.0	0.18
F27	14 May 2024	54	10.10	98.15	3.6	33.84	7.8	26.0	0.15
F27	14 May 2024	55	10.10	98.18	3.6	33.84	7.8	26.0	0.14
F27	14 May 2024	56	10.10	98.30	3.6	33.84	7.8	26.0	0.13
F27	14 May 2024	57	10.10	98.37	3.6	33.84	7.8	26.0	0.13
F27	14 May 2024	58	10.09	98.39	3.6	33.84	7.8	26.0	0.14
F27	14 May 2024	59	10.09	98.45	3.6	33.84	7.8	26.0	0.13
F27	14 May 2024	60	10.09	98.44	3.6	33.84	7.8	26.0	0.13
F27	14 May 2024	61	10.08	98.52	3.6	33.84	7.8	26.0	0.13
F27	14 May 2024	62	10.07	98.51	3.6	33.84	7.8	26.0	0.12
F27	14 May 2024	63	10.03	98.48	3.7	33.86	7.8	26.1	0.12
F27	14 May 2024	64	10.00	98.83	3.7	33.87	7.8	26.1	0.11
F27	14 May 2024	65	9.98	99.07	3.7	33.88	7.8	26.1	0.10
F27	14 May 2024	66	9.98	99.02	3.6	33.88	7.8	26.1	0.09
F27	14 May 2024	67	9.97	98.94	3.6	33.88	7.8	26.1	0.10
F27	14 May 2024	68	9.97	98.75	3.6	33.88	7.8	26.1	0.09
F27	14 May 2024	69	9.97	98.83	3.6	33.89	7.8	26.1	0.09
F27	14 May 2024	70	9.97	98.77	3.6	33.89	7.8	26.1	0.09
F27	14 May 2024	71	9.97	98.78	3.6	33.89	7.8	26.1	0.09
F27	14 May 2024	72	9.96	98.74	3.5	33.89	7.8	26.1	0.08
F27	14 May 2024	73	9.96	98.72	3.5	33.90	7.8	26.1	0.09
F27	14 May 2024	74	9.95	98.54	3.5	33.90	7.8	26.1	0.11
F27	14 May 2024	75	9.94	98.44	3.5	33.91	7.8	26.1	0.08
F27	14 May 2024	76	9.94	98.50	3.4	33.92	7.8	26.1	0.08
F27	14 May 2024	77	9.92	98.42	3.4	33.94	7.7	26.1	0.09
F27	14 May 2024	78	9.91	98.36	3.3	33.95	7.7	26.1	0.10
F27	14 May 2024	79	9.91	98.04	3.3	33.96	7.7	26.2	0.10
F27	14 May 2024	80	9.91	97.81	3.2	33.96	7.7	26.2	0.11
F27	14 May 2024	81	9.89	97.67	3.1	33.98	7.7	26.2	0.13
F27	14 May 2024	82	9.89	97.25	3.1	33.98	7.7	26.2	0.12
F27	14 May 2024	83	9.88	96.89	3.0	33.99	7.7	26.2	0.14
F27	14 May 2024	84	9.88	96.68	3.0	33.99	7.7	26.2	0.13
F27	14 May 2024	85	9.88	96.64	3.0	34.00	7.7	26.2	0.13
F27	14 May 2024	86	9.88	96.68	2.9	34.00	7.7	26.2	0.12
F27	14 May 2024	87	9.87	96.77	2.9	34.01	7.7	26.2	0.12
F27	14 May 2024	88	9.88	96.92	2.9	34.01	7.7	26.2	0.11
F27	14 May 2024	89	9.88	97.00	2.9	34.01	7.7	26.2	0.13
F27	14 May 2024	90	9.87	96.94	2.9	34.01	7.7	26.2	0.11
F27	14 May 2024	91	9.87	96.85	2.9	34.01	7.7	26.2	0.12
F27	14 May 2024	92	9.87	96.72	2.9	34.02	7.7	26.2	0.16
F27	14 May 2024	93	9.87	96.57	2.9	34.02	7.7	26.2	0.13
F27	14 May 2024	94	9.87	96.39	2.9	34.02	7.7	26.2	0.12
F27	14 May 2024	95	9.87	96.05	2.9	34.02	7.7	26.2	0.11
F27	14 May 2024	96	9.86	95.65	2.9	34.04	7.7	26.2	0.11
F27	14 May 2024	97	9.85	95.40	2.8	34.05	7.7	26.2	0.10
F27	14 May 2024	98	9.85	95.22	2.8	34.05	7.7	26.2	0.10
F27	14 May 2024	99	9.84	95.19	2.8	34.05	7.7	26.2	0.10
F27	14 May 2024	100	9.85	83.69	2.8	34.05	7.7	26.2	0.10
F16	16 May 2024	1	17.67	95.86	8.3	33.47	8.2	24.2	0.33
F16	16 May 2024	2	17.63	95.66	8.3	33.47	8.2	24.2	0.36
F16	16 May 2024	3	17.61	95.50	8.3	33.47	8.2	24.2	0.40
F16	16 May 2024	4	17.56	95.48	8.3	33.47	8.2	24.2	0.45
F16	16 May 2024	5	17.50	95.42	8.3	33.47	8.2	24.2	0.51
F16	16 May 2024	6	17.42	95.41	8.2	33.47	8.2	24.2	0.58
F16	16 May 2024	7	17.04	95.66	8.2	33.47	8.2	24.3	0.68
F16	16 May 2024	8	16.74	95.46	8.0	33.47	8.2	24.4	0.81
F16	16 May 2024	9	16.16	95.24	7.8	33.45	8.2	24.5	0.92
F16	16 May 2024	10	14.69	94.70	7.6	33.47	8.2	24.9	1.31
F16	16 May 2024	11	13.69	94.29	7.1	33.45	8.1	25.1	1.31

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F16	16 May 2024	12	12.89	94.00	6.6	33.46	8.0	25.2	1.47
F16	16 May 2024	13	12.56	93.61	6.2	33.47	8.0	25.3	2.08
F16	16 May 2024	14	12.48	93.46	5.9	33.47	8.0	25.3	1.95
F16	16 May 2024	15	12.26	93.69	5.6	33.48	8.0	25.4	1.95
F16	16 May 2024	16	12.00	94.12	5.3	33.50	7.9	25.4	2.06
F16	16 May 2024	17	11.74	94.80	5.0	33.52	7.9	25.5	1.54
F16	16 May 2024	18	11.63	95.90	4.9	33.53	7.9	25.5	1.36
F16	16 May 2024	19	11.52	96.71	4.7	33.55	7.9	25.6	1.13
F16	16 May 2024	20	11.48	97.10	4.6	33.57	7.8	25.6	1.10
F16	16 May 2024	21	11.45	97.19	4.6	33.59	7.8	25.6	1.02
F16	16 May 2024	22	11.37	97.02	4.5	33.60	7.8	25.6	1.12
F16	16 May 2024	23	11.29	97.23	4.4	33.62	7.8	25.6	0.93
F16	16 May 2024	24	11.08	97.32	4.4	33.64	7.8	25.7	0.92
F16	16 May 2024	25	10.99	97.54	4.4	33.65	7.8	25.7	0.85
F16	16 May 2024	26	10.98	97.70	4.3	33.65	7.8	25.7	0.80
F16	16 May 2024	27	10.96	97.65	4.3	33.65	7.8	25.7	0.84
F16	16 May 2024	28	10.93	97.62	4.3	33.66	7.8	25.7	0.82
F16	16 May 2024	29	10.90	97.69	4.2	33.67	7.8	25.8	0.88
F16	16 May 2024	30	10.89	97.10	4.2	33.69	7.8	25.8	1.01
F16	16 May 2024	31	10.82	96.48	4.1	33.70	7.8	25.8	1.11
F16	16 May 2024	32	10.70	96.29	4.1	33.71	7.8	25.8	1.08
F16	16 May 2024	33	10.66	96.69	4.0	33.72	7.8	25.8	1.04
F16	16 May 2024	34	10.62	96.81	4.0	33.73	7.8	25.9	0.97
F16	16 May 2024	35	10.58	96.57	3.9	33.74	7.8	25.9	1.00
F16	16 May 2024	36	10.55	96.51	3.9	33.74	7.8	25.9	0.95
F16	16 May 2024	37	10.50	96.93	3.8	33.75	7.8	25.9	0.89
F16	16 May 2024	38	10.43	97.05	3.8	33.76	7.8	25.9	0.90
F16	16 May 2024	39	10.39	97.42	3.8	33.77	7.8	25.9	0.77
F16	16 May 2024	40	10.38	97.57	3.8	33.77	7.8	25.9	0.65
F16	16 May 2024	41	10.35	97.92	3.8	33.77	7.8	25.9	0.58
F16	16 May 2024	42	10.30	97.89	3.8	33.79	7.8	26.0	0.53
F16	16 May 2024	43	10.28	98.05	3.7	33.80	7.8	26.0	0.47
F16	16 May 2024	44	10.29	97.65	3.6	33.81	7.8	26.0	0.42
F16	16 May 2024	45	10.30	97.12	3.5	33.81	7.8	26.0	0.43
F16	16 May 2024	46	10.30	96.44	3.5	33.81	7.8	26.0	0.44
F16	16 May 2024	47	10.29	96.26	3.4	33.82	7.8	26.0	0.43
F16	16 May 2024	48	10.28	95.80	3.4	33.82	7.8	26.0	0.44
F16	16 May 2024	49	10.22	95.72	3.5	33.82	7.8	26.0	0.40
F16	16 May 2024	50	10.20	96.51	3.5	33.83	7.8	26.0	0.34
F16	16 May 2024	51	10.20	97.44	3.5	33.83	7.8	26.0	0.33
F16	16 May 2024	52	10.19	97.69	3.5	33.84	7.8	26.0	0.32
F16	16 May 2024	53	10.18	97.18	3.4	33.85	7.8	26.0	0.31
F16	16 May 2024	54	10.18	96.73	3.3	33.85	7.8	26.0	0.31
F16	16 May 2024	55	10.17	95.80	3.2	33.86	7.7	26.0	0.32
F16	16 May 2024	56	10.16	94.87	3.2	33.86	7.7	26.0	0.30
F16	16 May 2024	57	10.15	95.04	3.2	33.87	7.7	26.0	0.30
F16	16 May 2024	58	10.14	95.38	3.2	33.87	7.7	26.0	0.29
F16	16 May 2024	59	10.11	95.78	3.2	33.88	7.7	26.1	0.27
F16	16 May 2024	60	10.07	95.99	3.2	33.89	7.8	26.1	0.25
F16	16 May 2024	61	10.06	96.49	3.2	33.90	7.8	26.1	0.22
F16	16 May 2024	62	10.06	96.85	3.2	33.91	7.7	26.1	0.21
F16	16 May 2024	63	10.06	96.59	3.1	33.91	7.7	26.1	0.21
F16	16 May 2024	64	10.06	96.24	3.1	33.91	7.7	26.1	0.22
F16	16 May 2024	65	10.05	96.24	3.1	33.91	7.7	26.1	0.21
F16	16 May 2024	66	10.05	95.95	3.1	33.92	7.7	26.1	0.20
F16	16 May 2024	67	10.05	95.90	3.0	33.92	7.7	26.1	0.20
F16	16 May 2024	68	10.03	95.89	3.0	33.93	7.7	26.1	0.19
F16	16 May 2024	69	10.02	95.82	3.0	33.93	7.7	26.1	0.19
F16	16 May 2024	70	10.02	95.93	3.0	33.94	7.7	26.1	0.19
F16	16 May 2024	71	10.01	95.62	3.0	33.94	7.7	26.1	0.19
F16	16 May 2024	72	10.00	95.43	3.0	33.94	7.7	26.1	0.17

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F16	16 May 2024	73	9.99	95.51	2.9	33.95	7.7	26.1	0.17
F16	16 May 2024	74	9.98	94.77	2.9	33.96	7.7	26.1	0.16
F16	16 May 2024	75	9.97	93.70	2.8	33.96	7.7	26.1	0.16
F16	16 May 2024	76	9.96	93.39	2.8	33.96	7.7	26.1	0.17
F16	16 May 2024	77	9.94	93.31	2.7	33.97	7.7	26.2	0.17
F16	16 May 2024	78	9.94	93.00	2.8	33.97	7.7	26.2	0.17
F16	16 May 2024	79	9.93	91.58	2.8	33.97	7.7	26.2	0.17
F16	16 May 2024	80	9.93	90.59	2.8	33.97	7.7	26.2	0.17
F16	16 May 2024	81	9.93	89.83	2.7	33.97	7.7	26.2	0.17
F16	16 May 2024	82	9.94	64.15	2.7	33.97	7.7	26.2	0.16
F28	14 May 2024	1	17.68	96.22	8.4	33.45	8.2	24.2	0.22
F28	14 May 2024	2	17.59	95.90	8.4	33.45	8.2	24.2	0.23
F28	14 May 2024	3	17.57	95.84	8.4	33.45	8.2	24.2	0.25
F28	14 May 2024	4	17.54	95.85	8.4	33.45	8.2	24.2	0.28
F28	14 May 2024	5	17.48	95.78	8.4	33.44	8.2	24.2	0.32
F28	14 May 2024	6	17.38	95.72	8.4	33.44	8.2	24.2	0.37
F28	14 May 2024	7	17.24	95.42	8.4	33.43	8.2	24.3	0.42
F28	14 May 2024	8	17.11	94.34	8.5	33.43	8.2	24.3	0.45
F28	14 May 2024	9	17.06	95.20	8.5	33.43	8.2	24.3	0.52
F28	14 May 2024	10	16.96	95.07	8.5	33.42	8.2	24.3	0.55
F28	14 May 2024	11	16.80	94.91	8.4	33.42	8.2	24.3	0.63
F28	14 May 2024	12	16.32	94.67	8.4	33.40	8.2	24.4	0.69
F28	14 May 2024	13	15.67	94.27	8.4	33.39	8.2	24.6	0.90
F28	14 May 2024	14	15.19	93.86	8.5	33.36	8.2	24.7	1.13
F28	14 May 2024	15	14.39	93.46	8.7	33.33	8.2	24.8	1.22
F28	14 May 2024	16	13.98	92.45	8.8	33.35	8.2	24.9	1.58
F28	14 May 2024	17	13.81	90.86	8.6	33.36	8.2	25.0	2.40
F28	14 May 2024	18	13.33	89.48	8.1	33.37	8.1	25.1	4.36
F28	14 May 2024	19	12.68	87.50	7.4	33.39	8.1	25.2	5.99
F28	14 May 2024	20	12.29	84.32	6.7	33.42	8.0	25.3	6.68
F28	14 May 2024	21	12.09	87.69	6.0	33.44	7.9	25.4	4.71
F28	14 May 2024	22	11.94	92.35	5.5	33.45	7.9	25.4	3.29
F28	14 May 2024	23	11.65	94.58	5.2	33.48	7.9	25.5	2.16
F28	14 May 2024	24	11.38	96.05	5.1	33.50	7.9	25.5	1.46
F28	14 May 2024	25	11.27	96.91	5.0	33.51	7.8	25.6	1.08
F28	14 May 2024	26	11.24	97.45	4.9	33.52	7.8	25.6	0.99
F28	14 May 2024	27	11.21	97.72	4.9	33.52	7.8	25.6	0.84
F28	14 May 2024	28	11.05	98.03	5.0	33.52	7.8	25.6	0.79
F28	14 May 2024	29	10.96	98.29	5.0	33.54	7.8	25.6	0.67
F28	14 May 2024	30	10.92	98.65	5.0	33.55	7.8	25.7	0.62
F28	14 May 2024	31	10.86	98.80	4.9	33.57	7.8	25.7	0.56
F28	14 May 2024	32	10.84	98.82	4.9	33.58	7.8	25.7	0.60
F28	14 May 2024	33	10.83	98.84	4.8	33.59	7.8	25.7	0.56
F28	14 May 2024	34	10.81	98.88	4.8	33.60	7.8	25.7	0.55
F28	14 May 2024	35	10.76	98.83	4.8	33.61	7.8	25.7	0.58
F28	14 May 2024	36	10.73	98.83	4.7	33.62	7.8	25.8	0.56
F28	14 May 2024	37	10.70	98.72	4.6	33.65	7.8	25.8	0.60
F28	14 May 2024	38	10.69	98.58	4.5	33.65	7.8	25.8	0.62
F28	14 May 2024	39	10.66	98.54	4.4	33.67	7.8	25.8	0.66
F28	14 May 2024	40	10.65	98.44	4.2	33.69	7.8	25.8	0.67
F28	14 May 2024	41	10.64	98.24	4.1	33.71	7.8	25.8	0.71
F28	14 May 2024	42	10.62	98.03	3.9	33.73	7.8	25.9	0.74
F28	14 May 2024	43	10.59	97.85	3.7	33.75	7.8	25.9	0.73
F28	14 May 2024	44	10.57	97.82	3.6	33.75	7.7	25.9	0.71
F28	14 May 2024	45	10.54	97.84	3.7	33.75	7.8	25.9	0.67
F28	14 May 2024	46	10.53	97.81	3.6	33.75	7.8	25.9	0.65
F28	14 May 2024	47	10.43	97.77	3.6	33.77	7.8	25.9	0.56
F28	14 May 2024	48	10.31	97.68	3.6	33.79	7.8	26.0	0.45
F28	14 May 2024	49	10.30	97.48	3.6	33.79	7.8	26.0	0.37
F28	14 May 2024	50	10.25	97.37	3.6	33.80	7.8	26.0	0.33

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F28	14 May 2024	51	10.23	97.38	3.6	33.81	7.8	26.0	0.29
F28	14 May 2024	52	10.23	97.58	3.6	33.81	7.8	26.0	0.27
F28	14 May 2024	53	10.14	97.42	3.5	33.82	7.7	26.0	0.22
F28	14 May 2024	54	10.12	96.54	3.5	33.83	7.7	26.0	0.16
F28	14 May 2024	55	10.11	96.88	3.4	33.83	7.7	26.0	0.15
F28	14 May 2024	56	10.10	97.33	3.4	33.84	7.7	26.0	0.14
F28	14 May 2024	57	10.09	97.30	3.4	33.84	7.7	26.0	0.15
F28	14 May 2024	58	10.09	97.39	3.4	33.84	7.7	26.0	0.14
F28	14 May 2024	59	10.09	97.28	3.4	33.84	7.7	26.0	0.13
F28	14 May 2024	60	10.08	97.47	3.4	33.84	7.7	26.0	0.14
F28	14 May 2024	61	10.07	97.48	3.4	33.84	7.7	26.0	0.13
F28	14 May 2024	62	10.07	97.47	3.4	33.84	7.7	26.0	0.13
F28	14 May 2024	63	10.07	97.40	3.3	33.85	7.7	26.0	0.12
F28	14 May 2024	64	10.06	97.41	3.3	33.85	7.7	26.0	0.13
F28	14 May 2024	65	10.05	97.39	3.3	33.85	7.7	26.0	0.12
F28	14 May 2024	66	10.04	97.40	3.3	33.86	7.7	26.1	0.12
F28	14 May 2024	67	10.00	97.32	3.3	33.87	7.7	26.1	0.11
F28	14 May 2024	68	9.99	97.23	3.3	33.88	7.7	26.1	0.10
F28	14 May 2024	69	9.97	97.62	3.3	33.89	7.7	26.1	0.09
F28	14 May 2024	70	9.96	97.92	3.3	33.90	7.7	26.1	0.09
F28	14 May 2024	71	9.96	98.02	3.4	33.90	7.7	26.1	0.09
F28	14 May 2024	72	9.96	98.04	3.4	33.90	7.7	26.1	0.09
F28	14 May 2024	73	9.95	98.11	3.4	33.91	7.7	26.1	0.09
F28	14 May 2024	74	9.94	98.34	3.4	33.91	7.7	26.1	0.08
F28	14 May 2024	75	9.94	98.53	3.4	33.92	7.7	26.1	0.08
F28	14 May 2024	76	9.93	98.43	3.3	33.94	7.7	26.1	0.09
F28	14 May 2024	77	9.92	98.08	3.3	33.95	7.7	26.1	0.08
F28	14 May 2024	78	9.91	97.98	3.2	33.97	7.7	26.2	0.09
F28	14 May 2024	79	9.90	98.01	3.2	33.98	7.7	26.2	0.08
F28	14 May 2024	80	9.89	98.12	3.1	34.00	7.7	26.2	0.09
F28	14 May 2024	81	9.89	98.21	3.1	34.00	7.7	26.2	0.08
F28	14 May 2024	82	9.89	98.26	3.1	34.00	7.7	26.2	0.08
F28	14 May 2024	83	9.89	98.31	3.1	34.00	7.7	26.2	0.08
F28	14 May 2024	84	9.89	98.35	3.1	34.00	7.7	26.2	0.09
F28	14 May 2024	85	9.89	98.40	3.1	34.00	7.7	26.2	0.08
F28	14 May 2024	86	9.88	98.38	3.1	34.00	7.7	26.2	0.08
F28	14 May 2024	87	9.88	98.47	3.1	34.00	7.7	26.2	0.08
F28	14 May 2024	88	9.88	98.40	3.1	34.00	7.7	26.2	0.08
F28	14 May 2024	89	9.88	98.47	3.1	34.01	7.7	26.2	0.09
F28	14 May 2024	90	9.88	98.60	3.1	34.01	7.7	26.2	0.08
F28	14 May 2024	91	9.88	98.63	3.1	34.01	7.7	26.2	0.08
F28	14 May 2024	92	9.88	98.65	3.1	34.01	7.7	26.2	0.08
F28	14 May 2024	93	9.88	98.70	3.1	34.02	7.7	26.2	0.08
F28	14 May 2024	94	9.88	98.54	3.0	34.02	7.7	26.2	0.09
F28	14 May 2024	95	9.87	98.23	3.0	34.03	7.7	26.2	0.08
F28	14 May 2024	96	9.87	97.92	3.0	34.03	7.7	26.2	0.09
F28	14 May 2024	97	9.88	97.56	2.9	34.03	7.7	26.2	0.09
F28	14 May 2024	98	9.87	97.06	2.9	34.03	7.7	26.2	0.09
F28	14 May 2024	99	9.85	96.62	2.9	34.05	7.7	26.2	0.08
F28	14 May 2024	100	9.84	96.08	2.8	34.06	7.7	26.2	0.09
F28	14 May 2024	101	9.84	95.98	2.8	34.06	7.7	26.2	0.09
F17	16 May 2024	1	17.61	94.60	8.3	33.47	8.3	24.2	0.53
F17	16 May 2024	2	17.60	94.94	8.3	33.47	8.3	24.2	0.57
F17	16 May 2024	3	17.59	94.87	8.3	33.47	8.3	24.2	0.62
F17	16 May 2024	4	17.50	94.61	8.3	33.47	8.3	24.2	0.63
F17	16 May 2024	5	17.26	94.91	8.2	33.47	8.2	24.3	0.78
F17	16 May 2024	6	16.73	95.30	7.9	33.47	8.2	24.4	0.93
F17	16 May 2024	7	15.46	95.27	7.6	33.45	8.2	24.7	1.02
F17	16 May 2024	8	13.80	95.06	7.2	33.46	8.1	25.0	1.13
F17	16 May 2024	9	13.05	94.22	6.6	33.47	8.1	25.2	1.12

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F17	16 May 2024	10	12.69	94.27	6.1	33.47	8.0	25.3	1.32
F17	16 May 2024	11	12.40	94.53	5.8	33.47	8.0	25.3	1.60
F17	16 May 2024	12	12.28	94.40	5.6	33.48	7.9	25.4	1.63
F17	16 May 2024	13	12.11	94.70	5.3	33.48	7.9	25.4	1.84
F17	16 May 2024	14	11.86	94.63	5.2	33.51	7.9	25.5	1.82
F17	16 May 2024	15	11.82	94.95	5.0	33.51	7.9	25.5	1.64
F17	16 May 2024	16	11.74	95.96	4.9	33.51	7.9	25.5	1.32
F17	16 May 2024	17	11.68	96.41	4.9	33.52	7.9	25.5	1.30
F17	16 May 2024	18	11.66	96.73	4.8	33.52	7.9	25.5	1.41
F17	16 May 2024	19	11.58	97.01	4.8	33.54	7.9	25.5	1.09
F17	16 May 2024	20	11.51	97.09	4.7	33.55	7.9	25.6	1.22
F17	16 May 2024	21	11.45	97.26	4.6	33.56	7.9	25.6	1.03
F17	16 May 2024	22	11.37	97.48	4.6	33.58	7.8	25.6	0.96
F17	16 May 2024	23	11.36	97.58	4.5	33.58	7.8	25.6	0.95
F17	16 May 2024	24	11.36	97.68	4.5	33.59	7.8	25.6	0.95
F17	16 May 2024	25	11.34	97.72	4.4	33.60	7.8	25.6	0.99
F17	16 May 2024	26	11.30	97.71	4.4	33.62	7.8	25.6	0.96
F17	16 May 2024	27	11.22	97.54	4.3	33.63	7.8	25.7	0.94
F17	16 May 2024	28	11.09	97.49	4.3	33.65	7.8	25.7	0.91
F17	16 May 2024	29	10.89	97.68	4.3	33.66	7.8	25.8	0.93
F17	16 May 2024	30	10.77	97.96	4.4	33.66	7.8	25.8	0.74
F17	16 May 2024	31	10.69	98.23	4.4	33.66	7.8	25.8	0.74
F17	16 May 2024	32	10.63	98.44	4.4	33.67	7.8	25.8	0.67
F17	16 May 2024	33	10.64	98.62	4.4	33.67	7.8	25.8	0.56
F17	16 May 2024	34	10.62	98.57	4.4	33.67	7.8	25.8	0.55
F17	16 May 2024	35	10.61	98.73	4.4	33.67	7.8	25.8	0.52
F17	16 May 2024	36	10.61	98.78	4.4	33.67	7.8	25.8	0.50
F17	16 May 2024	37	10.60	98.80	4.4	33.67	7.8	25.8	0.50
F17	16 May 2024	38	10.59	98.81	4.4	33.67	7.8	25.8	0.50
F17	16 May 2024	39	10.56	98.83	4.4	33.68	7.8	25.8	0.48
F17	16 May 2024	40	10.56	98.83	4.4	33.68	7.8	25.8	0.48
F17	16 May 2024	41	10.52	98.96	4.5	33.68	7.8	25.8	0.47
F17	16 May 2024	42	10.47	99.01	4.5	33.68	7.8	25.8	0.47
F17	16 May 2024	43	10.43	99.07	4.4	33.70	7.8	25.9	0.46
F17	16 May 2024	44	10.45	98.97	4.3	33.72	7.8	25.9	0.64
F17	16 May 2024	45	10.48	98.62	4.0	33.73	7.8	25.9	0.87
F17	16 May 2024	46	10.51	98.25	3.8	33.75	7.8	25.9	0.75
F17	16 May 2024	47	10.50	97.93	3.6	33.77	7.8	25.9	0.77
F17	16 May 2024	48	10.47	97.66	3.6	33.77	7.8	25.9	0.75
F17	16 May 2024	49	10.45	97.69	3.5	33.77	7.8	25.9	0.75
F17	16 May 2024	50	10.42	97.58	3.5	33.78	7.8	25.9	0.82
F17	16 May 2024	51	10.41	97.60	3.5	33.78	7.8	25.9	0.70
F17	16 May 2024	52	10.41	97.69	3.5	33.78	7.8	25.9	0.68
F17	16 May 2024	53	10.39	97.75	3.5	33.78	7.8	25.9	0.66
F17	16 May 2024	54	10.39	97.74	3.5	33.78	7.8	25.9	0.66
F17	16 May 2024	55	10.39	97.64	3.5	33.78	7.8	25.9	0.66
F17	16 May 2024	56	10.38	97.60	3.5	33.78	7.8	25.9	0.64
F17	16 May 2024	57	10.28	97.29	3.6	33.80	7.8	26.0	0.67
F17	16 May 2024	58	10.21	97.86	3.6	33.82	7.8	26.0	0.46
F17	16 May 2024	59	10.18	98.07	3.5	33.83	7.8	26.0	0.41
F17	16 May 2024	60	10.16	97.78	3.5	33.84	7.8	26.0	0.41
F17	16 May 2024	61	10.14	97.40	3.4	33.84	7.8	26.0	0.36
F17	16 May 2024	62	10.13	97.02	3.3	33.85	7.8	26.0	0.33
F17	16 May 2024	63	10.12	96.43	3.2	33.86	7.7	26.0	0.33
F17	16 May 2024	64	10.12	95.42	3.1	33.87	7.7	26.0	0.34
F17	16 May 2024	65	10.11	94.09	3.1	33.87	7.7	26.1	0.34
F17	16 May 2024	66	10.10	93.51	3.0	33.88	7.7	26.1	0.32
F17	16 May 2024	67	10.09	93.26	3.0	33.88	7.7	26.1	0.30
F17	16 May 2024	68	10.08	92.47	2.9	33.88	7.7	26.1	0.33
F17	16 May 2024	69	10.07	91.85	2.9	33.89	7.7	26.1	0.33
F17	16 May 2024	70	10.05	92.30	2.9	33.90	7.7	26.1	0.28

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F17	16 May 2024	71	10.03	92.54	3.0	33.90	7.7	26.1	0.27
F17	16 May 2024	72	10.01	93.19	3.0	33.90	7.7	26.1	0.25
F17	16 May 2024	73	9.99	94.29	3.1	33.91	7.7	26.1	0.24
F17	16 May 2024	74	10.00	94.87	3.0	33.91	7.7	26.1	0.23
F17	16 May 2024	75	10.00	94.30	3.0	33.92	7.7	26.1	0.24
F17	16 May 2024	76	9.99	93.23	2.9	33.92	7.7	26.1	0.24
F17	16 May 2024	77	9.98	92.37	2.9	33.93	7.7	26.1	0.23
F17	16 May 2024	78	9.97	91.51	2.9	33.94	7.7	26.1	0.23
F17	16 May 2024	79	9.96	91.13	2.9	33.94	7.7	26.1	0.22
F17	16 May 2024	80	9.94	91.06	2.9	33.95	7.7	26.1	0.22
F17	16 May 2024	81	9.93	91.18	2.8	33.96	7.7	26.2	0.20
F17	16 May 2024	82	9.93	62.11	2.8	33.96	7.7	26.2	0.20
F06	15 May 2024	1	17.33	93.44	8.2	33.44	8.2	24.2	0.62
F06	15 May 2024	2	17.11	93.56	8.1	33.45	8.2	24.3	0.68
F06	15 May 2024	3	16.08	93.26	7.8	33.42	8.2	24.5	0.91
F06	15 May 2024	4	14.99	92.09	7.6	33.47	8.1	24.8	1.26
F06	15 May 2024	5	14.39	91.57	7.2	33.38	8.1	24.9	1.35
F06	15 May 2024	6	13.14	91.44	7.0	33.45	8.0	25.2	2.06
F06	15 May 2024	7	13.03	91.77	6.5	33.43	8.0	25.2	2.46
F06	15 May 2024	8	12.27	92.34	5.9	33.47	7.9	25.3	1.92
F06	15 May 2024	9	12.04	93.84	5.4	33.51	7.9	25.4	1.61
F06	15 May 2024	10	12.02	94.78	5.2	33.52	7.9	25.4	1.64
F06	15 May 2024	11	11.86	94.82	5.1	33.57	7.9	25.5	1.67
F06	15 May 2024	12	11.85	94.71	5.0	33.58	7.9	25.5	1.90
F06	15 May 2024	13	11.85	94.89	4.9	33.58	7.9	25.5	1.91
F06	15 May 2024	14	11.84	95.05	4.9	33.59	7.9	25.5	1.84
F06	15 May 2024	15	11.77	94.94	4.9	33.60	7.9	25.5	1.67
F06	15 May 2024	16	11.76	95.10	4.8	33.61	7.9	25.6	1.58
F06	15 May 2024	17	11.63	94.96	4.7	33.63	7.8	25.6	1.54
F06	15 May 2024	18	11.58	95.25	4.6	33.63	7.8	25.6	1.54
F06	15 May 2024	19	11.47	95.08	4.6	33.64	7.8	25.6	1.50
F06	15 May 2024	20	11.38	94.92	4.5	33.65	7.8	25.7	1.48
F06	15 May 2024	21	11.29	94.89	4.4	33.65	7.8	25.7	1.43
F06	15 May 2024	22	11.05	95.10	4.2	33.66	7.8	25.7	1.43
F06	15 May 2024	23	10.94	95.03	4.1	33.69	7.8	25.8	1.43
F06	15 May 2024	24	10.92	95.17	4.0	33.69	7.8	25.8	1.68
F06	15 May 2024	25	10.89	95.01	3.9	33.69	7.8	25.8	1.90
F06	15 May 2024	26	10.87	94.80	3.9	33.69	7.8	25.8	1.50
F06	15 May 2024	27	10.85	95.14	3.9	33.70	7.8	25.8	1.33
F06	15 May 2024	28	10.80	95.22	3.9	33.70	7.8	25.8	1.20
F06	15 May 2024	29	10.76	95.20	3.8	33.71	7.8	25.8	1.17
F06	15 May 2024	30	10.76	95.09	3.8	33.71	7.8	25.8	1.18
F06	15 May 2024	31	10.68	94.87	3.9	33.71	7.8	25.8	1.05
F06	15 May 2024	32	10.59	96.02	3.9	33.72	7.8	25.9	1.05
F06	15 May 2024	33	10.58	96.70	3.9	33.73	7.8	25.9	0.95
F06	15 May 2024	34	10.54	96.80	3.9	33.74	7.8	25.9	0.85
F06	15 May 2024	35	10.52	96.66	3.8	33.75	7.8	25.9	0.80
F06	15 May 2024	36	10.50	96.51	3.7	33.75	7.8	25.9	0.76
F06	15 May 2024	37	10.49	96.38	3.7	33.76	7.8	25.9	0.74
F06	15 May 2024	38	10.49	96.63	3.6	33.76	7.8	25.9	0.71
F06	15 May 2024	39	10.47	96.68	3.6	33.76	7.8	25.9	0.71
F06	15 May 2024	40	10.42	96.54	3.6	33.77	7.8	25.9	0.68
F06	15 May 2024	41	10.38	97.03	3.7	33.77	7.8	25.9	0.59
F06	15 May 2024	42	10.32	97.97	3.7	33.78	7.8	25.9	0.49
F06	15 May 2024	43	10.30	98.28	3.7	33.78	7.8	26.0	0.44
F06	15 May 2024	44	10.28	98.28	3.7	33.79	7.8	26.0	0.39
F06	15 May 2024	45	10.27	98.37	3.7	33.79	7.8	26.0	0.38
F06	15 May 2024	46	10.27	98.21	3.6	33.80	7.8	26.0	0.38
F06	15 May 2024	47	10.27	97.59	3.5	33.80	7.8	26.0	0.39
F06	15 May 2024	48	10.26	97.13	3.5	33.81	7.7	26.0	0.41

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F06	15 May 2024	49	10.26	97.03	3.5	33.81	7.7	26.0	0.40
F06	15 May 2024	50	10.27	96.72	3.4	33.81	7.7	26.0	0.40
F06	15 May 2024	51	10.27	96.57	3.4	33.81	7.7	26.0	0.42
F06	15 May 2024	52	10.27	96.24	3.3	33.82	7.7	26.0	0.42
F06	15 May 2024	53	10.28	95.67	3.3	33.82	7.7	26.0	0.40
F06	15 May 2024	54	10.28	95.24	3.2	33.82	7.7	26.0	0.39
F06	15 May 2024	55	10.28	94.61	3.2	33.82	7.7	26.0	0.40
F06	15 May 2024	56	10.27	94.50	3.2	33.82	7.7	26.0	0.41
F06	15 May 2024	57	10.23	93.85	3.1	33.83	7.7	26.0	0.38
F06	15 May 2024	58	10.22	91.67	3.1	33.84	7.7	26.0	0.37
F06	15 May 2024	59	10.21	91.04	3.1	33.84	7.7	26.0	0.37
F06	15 May 2024	60	10.21	90.23	3.1	33.84	7.7	26.0	0.38
F06	15 May 2024	61	10.21	90.03	3.1	33.84	7.7	26.0	0.37
F06	15 May 2024	62	10.22	89.31	3.1	33.84	7.7	26.0	0.39
F01	15 May 2024	1	16.66	62.54	7.6	33.51	8.1	24.4	6.89
F01	15 May 2024	2	16.73	65.70	7.6	33.51	8.1	24.4	6.81
F01	15 May 2024	3	16.56	66.46	7.7	33.52	8.1	24.5	7.33
F01	15 May 2024	4	16.33	68.06	7.6	33.52	8.2	24.5	7.65
F01	15 May 2024	5	15.48	74.57	7.3	33.53	8.2	24.7	7.21
F01	15 May 2024	6	13.88	77.49	6.7	33.56	8.1	25.1	5.75
F01	15 May 2024	7	13.18	80.53	6.4	33.55	8.0	25.2	5.16
F01	15 May 2024	8	12.21	82.81	6.1	33.58	8.0	25.4	5.71
F01	15 May 2024	9	12.28	85.66	5.7	33.56	7.9	25.4	5.59
F01	15 May 2024	10	11.59	87.21	5.1	33.60	7.9	25.6	4.66
F01	15 May 2024	11	11.41	87.83	4.7	33.61	7.8	25.6	3.65
F01	15 May 2024	12	11.40	88.74	4.5	33.61	7.8	25.6	3.15
F01	15 May 2024	13	11.33	89.23	4.3	33.62	7.8	25.6	2.80
F01	15 May 2024	14	11.31	89.23	4.2	33.63	7.8	25.6	2.58
F01	15 May 2024	15	11.31	89.47	4.2	33.63	7.8	25.7	2.29
F01	15 May 2024	16	11.24	89.59	4.1	33.64	7.8	25.7	2.17
F01	15 May 2024	17	11.17	90.19	4.0	33.65	7.8	25.7	1.83
F01	15 May 2024	18	11.16	90.90	4.0	33.66	7.8	25.7	1.66
F01	15 May 2024	19	11.19	91.06	4.0	33.66	7.8	25.7	1.60
F29	14 May 2024	1	17.65	67.17	8.4	33.41	8.2	24.1	0.22
F29	14 May 2024	2	17.64	94.88	8.4	33.41	8.2	24.1	0.23
F29	14 May 2024	3	17.63	95.79	8.3	33.45	8.2	24.2	0.23
F29	14 May 2024	4	17.21	95.85	8.2	33.45	8.2	24.3	0.25
F29	14 May 2024	5	15.84	95.15	8.3	33.42	8.2	24.6	0.39
F29	14 May 2024	6	14.66	94.33	8.2	33.36	8.2	24.8	0.64
F29	14 May 2024	7	13.67	92.02	8.2	33.37	8.1	25.0	1.51
F29	14 May 2024	8	13.47	89.52	7.8	33.37	8.1	25.0	2.44
F29	14 May 2024	9	12.72	86.95	7.2	33.41	8.0	25.2	3.40
F29	14 May 2024	10	12.26	85.50	6.5	33.43	8.0	25.3	4.23
F29	14 May 2024	11	12.10	88.03	5.9	33.44	7.9	25.4	3.77
F29	14 May 2024	12	11.80	91.44	5.3	33.47	7.9	25.4	2.69
F29	14 May 2024	13	11.59	95.52	5.1	33.49	7.8	25.5	1.58
F29	14 May 2024	14	11.29	96.86	4.9	33.52	7.8	25.6	1.36
F29	14 May 2024	15	11.22	97.72	4.8	33.54	7.8	25.6	0.80
F29	14 May 2024	16	11.23	98.02	4.8	33.55	7.8	25.6	0.63
F29	14 May 2024	17	11.11	98.24	4.8	33.55	7.8	25.6	0.55
F29	14 May 2024	18	10.88	98.40	4.8	33.57	7.8	25.7	0.51
F29	14 May 2024	19	10.78	98.72	4.8	33.59	7.8	25.7	0.48
F29	14 May 2024	20	10.75	98.99	4.8	33.60	7.8	25.7	0.45
F29	14 May 2024	21	10.73	98.99	4.8	33.61	7.8	25.7	0.45
F29	14 May 2024	22	10.73	98.97	4.7	33.62	7.8	25.7	0.44
F29	14 May 2024	23	10.72	98.99	4.7	33.62	7.8	25.8	0.44
F29	14 May 2024	24	10.71	98.96	4.7	33.63	7.8	25.8	0.46
F29	14 May 2024	25	10.70	98.95	4.7	33.63	7.8	25.8	0.45
F29	14 May 2024	26	10.69	98.93	4.6	33.65	7.8	25.8	0.47

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F29	14 May 2024	27	10.67	98.84	4.5	33.66	7.8	25.8	0.50
F29	14 May 2024	28	10.66	98.66	4.4	33.68	7.8	25.8	0.57
F29	14 May 2024	29	10.65	98.45	4.2	33.68	7.8	25.8	0.61
F29	14 May 2024	30	10.66	98.28	4.2	33.69	7.8	25.8	0.65
F29	14 May 2024	31	10.65	98.33	4.1	33.71	7.8	25.8	0.69
F29	14 May 2024	32	10.64	98.09	3.9	33.72	7.8	25.8	0.73
F29	14 May 2024	33	10.64	97.82	3.8	33.73	7.8	25.8	0.75
F29	14 May 2024	34	10.64	97.72	3.8	33.73	7.8	25.9	0.78
F29	14 May 2024	35	10.63	97.69	3.7	33.74	7.7	25.9	0.78
F29	14 May 2024	36	10.62	97.58	3.6	33.74	7.7	25.9	0.80
F29	14 May 2024	37	10.62	97.43	3.6	33.74	7.7	25.9	0.80
F29	14 May 2024	38	10.60	97.47	3.6	33.75	7.7	25.9	0.76
F29	14 May 2024	39	10.58	97.54	3.6	33.75	7.7	25.9	0.74
F29	14 May 2024	40	10.57	97.57	3.6	33.75	7.7	25.9	0.71
F29	14 May 2024	41	10.55	97.58	3.6	33.75	7.7	25.9	0.68
F29	14 May 2024	42	10.51	97.66	3.6	33.76	7.7	25.9	0.63
F29	14 May 2024	43	10.50	97.59	3.6	33.76	7.7	25.9	0.58
F29	14 May 2024	44	10.49	97.80	3.6	33.76	7.7	25.9	0.57
F29	14 May 2024	45	10.49	97.82	3.6	33.76	7.7	25.9	0.55
F29	14 May 2024	46	10.49	97.87	3.6	33.76	7.7	25.9	0.55
F29	14 May 2024	47	10.49	97.88	3.6	33.76	7.7	25.9	0.53
F29	14 May 2024	48	10.48	97.85	3.6	33.76	7.7	25.9	0.57
F29	14 May 2024	49	10.43	97.79	3.6	33.77	7.7	25.9	0.50
F29	14 May 2024	50	10.43	97.79	3.6	33.77	7.7	25.9	0.46
F29	14 May 2024	51	10.37	97.75	3.5	33.78	7.7	25.9	0.43
F29	14 May 2024	52	10.28	97.34	3.5	33.79	7.7	26.0	0.46
F29	14 May 2024	53	10.21	97.01	3.4	33.80	7.7	26.0	0.33
F29	14 May 2024	54	10.19	96.33	3.4	33.80	7.7	26.0	0.28
F29	14 May 2024	55	10.18	96.22	3.4	33.80	7.7	26.0	0.25
F29	14 May 2024	56	10.10	96.28	3.3	33.81	7.7	26.0	0.21
F29	14 May 2024	57	10.08	95.44	3.2	33.81	7.7	26.0	0.18
F29	14 May 2024	58	10.07	94.94	3.2	33.82	7.7	26.0	0.17
F29	14 May 2024	59	10.05	94.90	3.1	33.82	7.7	26.0	0.15
F29	14 May 2024	60	10.03	94.62	3.1	33.82	7.7	26.0	0.14
F29	14 May 2024	61	10.02	94.09	3.0	33.83	7.7	26.0	0.14
F29	14 May 2024	62	10.02	94.34	3.0	33.83	7.7	26.0	0.13
F29	14 May 2024	63	10.02	94.19	3.0	33.84	7.7	26.0	0.12
F29	14 May 2024	64	10.00	94.00	2.9	33.84	7.7	26.0	0.11
F29	14 May 2024	65	10.01	93.96	3.0	33.85	7.7	26.0	0.11
F29	14 May 2024	66	10.02	94.60	3.0	33.85	7.7	26.1	0.12
F29	14 May 2024	67	10.02	95.67	3.1	33.85	7.7	26.1	0.11
F29	14 May 2024	68	10.01	95.87	3.1	33.86	7.7	26.1	0.11
F29	14 May 2024	69	10.01	96.24	3.1	33.86	7.7	26.1	0.11
F29	14 May 2024	70	10.00	96.46	3.1	33.87	7.7	26.1	0.11
F29	14 May 2024	71	9.94	96.78	3.1	33.91	7.7	26.1	0.09
F29	14 May 2024	72	9.93	96.95	3.1	33.93	7.7	26.1	0.09
F29	14 May 2024	73	9.92	97.17	3.1	33.94	7.7	26.1	0.10
F29	14 May 2024	74	9.92	97.06	3.1	33.95	7.7	26.1	0.09
F29	14 May 2024	75	9.91	96.63	3.1	33.96	7.7	26.2	0.09
F29	14 May 2024	76	9.91	96.83	3.1	33.96	7.7	26.2	0.10
F29	14 May 2024	77	9.91	96.74	3.1	33.97	7.7	26.2	0.10
F29	14 May 2024	78	9.90	96.67	3.0	33.98	7.7	26.2	0.10
F29	14 May 2024	79	9.90	96.23	3.0	33.98	7.7	26.2	0.10
F29	14 May 2024	80	9.89	96.81	3.0	33.98	7.7	26.2	0.09
F29	14 May 2024	81	9.89	97.04	3.1	33.98	7.7	26.2	0.10
F29	14 May 2024	82	9.89	97.27	3.1	33.99	7.7	26.2	0.10
F29	14 May 2024	83	9.89	97.23	3.1	33.99	7.7	26.2	0.10
F29	14 May 2024	84	9.89	97.30	3.0	33.99	7.7	26.2	0.09
F29	14 May 2024	85	9.89	97.02	3.0	34.00	7.7	26.2	0.09
F29	14 May 2024	86	9.88	97.15	3.0	34.00	7.7	26.2	0.10
F29	14 May 2024	87	9.88	97.15	3.0	34.01	7.7	26.2	0.09

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F29	14 May 2024	88	9.88	97.41	3.0	34.02	7.7	26.2	0.09
F29	14 May 2024	89	9.88	98.09	3.0	34.02	7.7	26.2	0.09
F29	14 May 2024	90	9.88	98.36	3.0	34.02	7.7	26.2	0.08
F29	14 May 2024	91	9.88	98.35	3.0	34.02	7.7	26.2	0.08
F29	14 May 2024	92	9.87	98.36	3.0	34.03	7.7	26.2	0.08
F29	14 May 2024	93	9.87	98.25	3.0	34.03	7.7	26.2	0.08
F29	14 May 2024	94	9.87	97.93	3.0	34.03	7.7	26.2	0.08
F29	14 May 2024	95	9.86	97.96	3.0	34.04	7.7	26.2	0.09
F29	14 May 2024	96	9.86	97.04	2.9	34.04	7.7	26.2	0.08
F29	14 May 2024	97	9.85	97.08	2.9	34.05	7.7	26.2	0.08
F29	14 May 2024	98	9.85	96.71	2.9	34.05	7.7	26.2	0.09
F29	14 May 2024	99	9.85	96.17	2.9	34.05	7.7	26.2	0.11
F29	14 May 2024	100	9.85	67.11	2.9	34.05	7.7	26.2	0.09
F18	16 May 2024	1	17.80	95.14	8.3	33.47	8.3	24.2	0.45
F18	16 May 2024	2	17.80	95.19	8.3	33.47	8.3	24.2	0.46
F18	16 May 2024	3	17.78	95.17	8.3	33.47	8.3	24.2	0.50
F18	16 May 2024	4	17.75	95.13	8.3	33.47	8.3	24.2	0.55
F18	16 May 2024	5	17.70	95.03	8.3	33.47	8.3	24.2	0.59
F18	16 May 2024	6	17.65	95.13	8.3	33.47	8.3	24.2	0.65
F18	16 May 2024	7	17.55	95.17	8.3	33.47	8.3	24.2	0.71
F18	16 May 2024	8	17.41	95.44	8.2	33.48	8.2	24.2	0.84
F18	16 May 2024	9	17.16	95.27	8.1	33.48	8.2	24.3	1.00
F18	16 May 2024	10	16.77	95.01	7.9	33.48	8.2	24.4	1.30
F18	16 May 2024	11	16.03	94.10	7.5	33.48	8.2	24.6	1.52
F18	16 May 2024	12	14.37	92.82	7.3	33.51	8.1	25.0	1.88
F18	16 May 2024	13	13.28	92.19	6.8	33.49	8.1	25.2	2.02
F18	16 May 2024	14	12.67	92.97	6.1	33.49	8.0	25.3	1.65
F18	16 May 2024	15	12.35	94.11	5.7	33.48	8.0	25.3	1.77
F18	16 May 2024	16	12.25	94.94	5.4	33.48	7.9	25.4	1.56
F18	16 May 2024	17	12.09	94.98	5.3	33.49	7.9	25.4	1.95
F18	16 May 2024	18	12.06	95.63	5.2	33.50	7.9	25.4	1.69
F18	16 May 2024	19	11.97	95.65	5.1	33.51	7.9	25.4	1.92
F18	16 May 2024	20	11.83	95.74	5.0	33.52	7.9	25.5	1.64
F18	16 May 2024	21	11.68	96.27	4.9	33.53	7.9	25.5	1.62
F18	16 May 2024	22	11.59	96.84	4.8	33.54	7.9	25.5	1.24
F18	16 May 2024	23	11.49	97.26	4.7	33.55	7.9	25.6	1.12
F18	16 May 2024	24	11.33	97.43	4.7	33.57	7.9	25.6	0.99
F18	16 May 2024	25	11.22	97.65	4.6	33.58	7.9	25.6	0.96
F18	16 May 2024	26	11.16	97.87	4.6	33.60	7.8	25.7	0.86
F18	16 May 2024	27	11.14	98.04	4.5	33.61	7.8	25.7	0.90
F18	16 May 2024	28	11.13	97.98	4.5	33.62	7.8	25.7	0.85
F18	16 May 2024	29	11.09	98.05	4.4	33.63	7.8	25.7	0.89
F18	16 May 2024	30	11.03	98.03	4.4	33.64	7.8	25.7	0.85
F18	16 May 2024	31	10.98	98.08	4.4	33.64	7.8	25.7	0.79
F18	16 May 2024	32	10.87	98.11	4.4	33.66	7.8	25.8	0.73
F18	16 May 2024	33	10.70	98.28	4.4	33.67	7.8	25.8	0.69
F18	16 May 2024	34	10.60	98.38	4.4	33.67	7.8	25.8	0.60
F18	16 May 2024	35	10.54	98.56	4.4	33.68	7.8	25.8	0.56
F18	16 May 2024	36	10.44	98.83	4.4	33.69	7.8	25.9	0.48
F18	16 May 2024	37	10.37	99.08	4.3	33.72	7.8	25.9	0.44
F18	16 May 2024	38	10.35	99.09	4.2	33.73	7.8	25.9	0.45
F18	16 May 2024	39	10.35	99.00	4.1	33.74	7.8	25.9	0.46
F18	16 May 2024	40	10.35	98.99	4.1	33.74	7.8	25.9	0.45
F18	16 May 2024	41	10.35	98.96	4.1	33.74	7.8	25.9	0.44
F18	16 May 2024	42	10.35	98.87	4.0	33.75	7.8	25.9	0.44
F18	16 May 2024	43	10.34	98.84	3.9	33.76	7.8	25.9	0.45
F18	16 May 2024	44	10.33	98.77	3.8	33.77	7.8	25.9	0.47
F18	16 May 2024	45	10.33	98.66	3.8	33.77	7.8	25.9	0.46
F18	16 May 2024	46	10.33	98.61	3.7	33.78	7.8	25.9	0.48
F18	16 May 2024	47	10.33	98.55	3.6	33.78	7.8	25.9	0.49

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F18	16 May 2024	48	10.33	98.39	3.5	33.79	7.8	26.0	0.53
F18	16 May 2024	49	10.32	98.23	3.4	33.80	7.8	26.0	0.53
F18	16 May 2024	50	10.28	98.03	3.4	33.81	7.8	26.0	0.51
F18	16 May 2024	51	10.23	98.02	3.4	33.83	7.8	26.0	0.43
F18	16 May 2024	52	10.21	98.20	3.4	33.83	7.8	26.0	0.36
F18	16 May 2024	53	10.19	98.37	3.4	33.84	7.8	26.0	0.32
F18	16 May 2024	54	10.16	98.38	3.5	33.85	7.8	26.0	0.33
F18	16 May 2024	55	10.13	98.46	3.4	33.85	7.8	26.0	0.29
F18	16 May 2024	56	10.10	98.06	3.4	33.85	7.8	26.0	0.26
F18	16 May 2024	57	10.08	97.40	3.3	33.85	7.8	26.0	0.24
F18	16 May 2024	58	10.08	96.91	3.3	33.85	7.8	26.0	0.22
F18	16 May 2024	59	10.09	96.73	3.3	33.85	7.8	26.0	0.22
F18	16 May 2024	60	10.09	96.94	3.3	33.86	7.8	26.0	0.21
F18	16 May 2024	61	10.06	97.20	3.3	33.86	7.8	26.1	0.21
F18	16 May 2024	62	10.04	96.99	3.2	33.86	7.8	26.1	0.19
F18	16 May 2024	63	10.03	96.29	3.1	33.86	7.7	26.1	0.19
F18	16 May 2024	64	10.03	96.01	3.1	33.87	7.7	26.1	0.18
F18	16 May 2024	65	10.03	95.96	3.1	33.87	7.7	26.1	0.25
F18	16 May 2024	66	10.03	95.80	3.2	33.87	7.7	26.1	0.19
F18	16 May 2024	67	10.03	95.77	3.2	33.88	7.7	26.1	0.19
F18	16 May 2024	68	10.02	95.78	3.2	33.88	7.8	26.1	0.19
F18	16 May 2024	69	10.00	96.02	3.1	33.89	7.7	26.1	0.18
F18	16 May 2024	70	10.00	95.45	3.1	33.89	7.7	26.1	0.19
F18	16 May 2024	71	10.00	94.72	3.1	33.89	7.7	26.1	0.19
F18	16 May 2024	72	9.99	94.58	3.1	33.89	7.7	26.1	0.19
F18	16 May 2024	73	9.99	94.45	3.1	33.89	7.7	26.1	0.18
F18	16 May 2024	74	9.98	94.25	3.0	33.90	7.7	26.1	0.18
F18	16 May 2024	75	9.98	94.01	3.0	33.90	7.7	26.1	0.19
F18	16 May 2024	76	9.96	93.23	3.0	33.91	7.7	26.1	0.17
F18	16 May 2024	77	9.95	92.11	3.0	33.91	7.7	26.1	0.18
F18	16 May 2024	78	9.95	91.47	2.9	33.92	7.7	26.1	0.21
F18	16 May 2024	79	9.94	91.20	2.9	33.92	7.7	26.1	0.17
F18	16 May 2024	80	9.94	90.95	2.9	33.92	7.7	26.1	0.17
F18	16 May 2024	81	9.93	90.64	2.9	33.93	7.7	26.1	0.17
F18	16 May 2024	82	9.93	90.14	2.9	33.95	7.7	26.1	0.18
F18	16 May 2024	83	9.94	89.82	2.9	33.93	7.7	26.1	0.17
F07	15 May 2024	1	17.71	91.76	8.4	33.42	8.2	24.1	0.58
F07	15 May 2024	2	17.69	92.40	8.4	33.47	8.2	24.2	0.59
F07	15 May 2024	3	17.64	95.28	8.4	33.47	8.2	24.2	0.64
F07	15 May 2024	4	17.54	95.07	8.3	33.47	8.2	24.2	0.71
F07	15 May 2024	5	17.33	94.63	8.1	33.46	8.2	24.3	0.95
F07	15 May 2024	6	15.74	93.83	7.9	33.47	8.2	24.6	1.20
F07	15 May 2024	7	14.09	92.31	7.4	33.48	8.1	25.0	1.69
F07	15 May 2024	8	13.27	92.52	6.9	33.47	8.0	25.2	1.92
F07	15 May 2024	9	13.11	92.53	6.7	33.47	8.0	25.2	2.11
F07	15 May 2024	10	13.16	93.22	6.5	33.47	8.0	25.2	2.36
F07	15 May 2024	11	12.33	93.48	5.9	33.48	8.0	25.3	2.05
F07	15 May 2024	12	12.28	94.91	5.5	33.48	7.9	25.4	1.66
F07	15 May 2024	13	12.02	95.82	5.2	33.51	7.9	25.4	1.51
F07	15 May 2024	14	12.02	95.75	5.1	33.51	7.9	25.4	1.43
F07	15 May 2024	15	11.91	95.99	5.0	33.53	7.9	25.5	1.29
F07	15 May 2024	16	11.89	96.07	4.9	33.54	7.9	25.5	1.44
F07	15 May 2024	17	11.86	96.07	4.9	33.55	7.9	25.5	1.40
F07	15 May 2024	18	11.83	96.12	4.8	33.56	7.9	25.5	1.34
F07	15 May 2024	19	11.80	96.20	4.8	33.58	7.9	25.5	1.42
F07	15 May 2024	20	11.75	96.21	4.7	33.59	7.9	25.5	1.29
F07	15 May 2024	21	11.73	96.15	4.7	33.60	7.8	25.6	1.36
F07	15 May 2024	22	11.47	96.29	4.5	33.64	7.8	25.6	1.20
F07	15 May 2024	23	11.16	96.84	4.2	33.68	7.8	25.7	0.94
F07	15 May 2024	24	11.11	96.99	4.1	33.68	7.8	25.7	0.90

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F07	15 May 2024	25	11.04	97.04	4.0	33.69	7.8	25.7	0.91
F07	15 May 2024	26	11.01	97.15	4.0	33.69	7.8	25.8	0.85
F07	15 May 2024	27	10.97	97.10	4.0	33.70	7.8	25.8	0.78
F07	15 May 2024	28	10.98	97.06	3.9	33.70	7.8	25.8	0.80
F07	15 May 2024	29	10.96	97.13	3.9	33.70	7.8	25.8	0.79
F07	15 May 2024	30	10.95	97.08	3.9	33.70	7.8	25.8	0.79
F07	15 May 2024	31	10.94	96.89	3.9	33.70	7.8	25.8	0.79
F07	15 May 2024	32	10.94	96.95	3.9	33.70	7.8	25.8	0.77
F07	15 May 2024	33	10.92	96.97	3.9	33.70	7.8	25.8	0.78
F07	15 May 2024	34	10.89	96.85	3.9	33.71	7.8	25.8	0.87
F07	15 May 2024	35	10.85	96.79	3.9	33.71	7.8	25.8	0.87
F07	15 May 2024	36	10.73	96.95	3.8	33.73	7.8	25.8	0.84
F07	15 May 2024	37	10.68	97.20	3.7	33.74	7.8	25.8	0.76
F07	15 May 2024	38	10.66	97.27	3.7	33.74	7.8	25.9	0.76
F07	15 May 2024	39	10.60	97.23	3.7	33.75	7.8	25.9	0.76
F07	15 May 2024	40	10.55	97.08	3.6	33.75	7.8	25.9	0.75
F07	15 May 2024	41	10.45	97.12	3.6	33.77	7.8	25.9	0.71
F07	15 May 2024	42	10.37	97.28	3.6	33.78	7.8	25.9	0.62
F07	15 May 2024	43	10.36	97.27	3.6	33.78	7.8	25.9	0.58
F07	15 May 2024	44	10.36	96.92	3.6	33.78	7.8	25.9	0.58
F07	15 May 2024	45	10.35	96.70	3.6	33.78	7.8	25.9	0.55
F07	15 May 2024	46	10.31	96.35	3.5	33.79	7.8	26.0	0.53
F07	15 May 2024	47	10.30	96.38	3.5	33.79	7.8	26.0	0.50
F07	15 May 2024	48	10.29	96.53	3.5	33.80	7.7	26.0	0.49
F07	15 May 2024	49	10.29	96.41	3.5	33.80	7.7	26.0	0.48
F07	15 May 2024	50	10.28	96.52	3.5	33.80	7.7	26.0	0.44
F07	15 May 2024	51	10.27	96.84	3.5	33.80	7.7	26.0	0.43
F07	15 May 2024	52	10.26	96.42	3.4	33.81	7.7	26.0	0.43
F07	15 May 2024	53	10.26	95.31	3.4	33.81	7.7	26.0	0.42
F07	15 May 2024	54	10.26	94.65	3.3	33.81	7.7	26.0	0.43
F07	15 May 2024	55	10.27	94.06	3.3	33.81	7.7	26.0	0.43
F07	15 May 2024	56	10.25	94.20	3.3	33.81	7.7	26.0	0.41
F07	15 May 2024	57	10.25	94.49	3.3	33.81	7.7	26.0	0.41
F07	15 May 2024	58	10.25	94.64	3.4	33.81	7.7	26.0	0.42
F07	15 May 2024	59	10.25	94.74	3.3	33.81	7.7	26.0	0.41
F07	15 May 2024	60	10.25	94.53	3.3	33.82	7.7	26.0	0.42
F07	15 May 2024	61	10.24	94.47	3.3	33.82	7.7	26.0	0.41
F07	15 May 2024	62	10.21	94.05	3.2	33.83	7.7	26.0	0.41
F07	15 May 2024	63	10.14	91.69	3.1	33.85	7.7	26.0	0.36
F07	15 May 2024	64	10.15	89.61	3.0	33.85	7.7	26.0	0.35
F07	15 May 2024	65	10.17	88.34	3.0	33.84	7.7	26.0	0.33
F30	14 May 2024	1	17.68	96.45	8.4	33.45	8.2	24.2	0.26
F30	14 May 2024	2	17.64	96.45	8.4	33.45	8.2	24.2	0.27
F30	14 May 2024	3	17.60	96.32	8.4	33.45	8.2	24.2	0.29
F30	14 May 2024	4	17.58	96.05	8.3	33.45	8.2	24.2	0.32
F30	14 May 2024	5	17.43	95.89	8.3	33.44	8.2	24.2	0.35
F30	14 May 2024	6	16.93	95.87	8.3	33.43	8.2	24.3	0.41
F30	14 May 2024	7	16.01	95.66	8.4	33.41	8.2	24.5	0.57
F30	14 May 2024	8	15.31	94.80	8.6	33.41	8.2	24.7	0.86
F30	14 May 2024	9	15.51	93.97	8.3	33.39	8.2	24.6	1.09
F30	14 May 2024	10	14.38	93.21	8.2	33.35	8.2	24.8	1.27
F30	14 May 2024	11	13.92	92.36	8.0	33.36	8.1	24.9	1.52
F30	14 May 2024	12	13.66	91.78	7.8	33.35	8.1	25.0	1.96
F30	14 May 2024	13	13.21	91.68	7.5	33.37	8.1	25.1	2.80
F30	14 May 2024	14	12.86	91.24	7.0	33.36	8.0	25.1	3.67
F30	14 May 2024	15	12.65	91.46	6.6	33.40	8.0	25.2	3.17
F30	14 May 2024	16	12.34	92.14	6.3	33.43	8.0	25.3	3.58
F30	14 May 2024	17	12.32	90.92	6.0	33.43	7.9	25.3	4.34
F30	14 May 2024	18	11.78	91.35	5.5	33.48	7.9	25.5	3.71
F30	14 May 2024	19	11.47	91.60	5.1	33.50	7.9	25.5	3.26

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F30	14 May 2024	20	11.24	93.09	5.0	33.52	7.8	25.6	1.64
F30	14 May 2024	21	11.17	97.01	4.9	33.54	7.8	25.6	0.91
F30	14 May 2024	22	11.13	98.22	4.8	33.54	7.8	25.6	0.64
F30	14 May 2024	23	11.04	98.49	4.9	33.55	7.8	25.6	0.57
F30	14 May 2024	24	10.95	98.65	4.8	33.56	7.8	25.7	0.54
F30	14 May 2024	25	10.78	98.77	4.8	33.60	7.8	25.7	0.49
F30	14 May 2024	26	10.75	98.86	4.8	33.61	7.8	25.7	0.46
F30	14 May 2024	27	10.76	99.05	4.8	33.61	7.8	25.7	0.45
F30	14 May 2024	28	10.73	99.03	4.7	33.62	7.8	25.7	0.44
F30	14 May 2024	29	10.70	99.11	4.7	33.63	7.8	25.8	0.43
F30	14 May 2024	30	10.65	99.12	4.7	33.64	7.8	25.8	0.41
F30	14 May 2024	31	10.60	99.13	4.6	33.66	7.8	25.8	0.41
F30	14 May 2024	32	10.56	99.05	4.5	33.67	7.8	25.8	0.44
F30	14 May 2024	33	10.54	98.89	4.4	33.69	7.8	25.8	0.49
F30	14 May 2024	34	10.56	98.69	4.1	33.72	7.8	25.9	0.59
F30	14 May 2024	35	10.57	98.23	3.8	33.74	7.8	25.9	0.69
F30	14 May 2024	36	10.57	97.70	3.6	33.75	7.7	25.9	0.76
F30	14 May 2024	37	10.56	97.48	3.6	33.75	7.7	25.9	0.79
F30	14 May 2024	38	10.54	97.45	3.5	33.76	7.7	25.9	0.80
F30	14 May 2024	39	10.52	97.46	3.5	33.76	7.7	25.9	0.77
F30	14 May 2024	40	10.50	97.55	3.5	33.77	7.7	25.9	0.71
F30	14 May 2024	41	10.50	97.67	3.5	33.77	7.7	25.9	0.66
F30	14 May 2024	42	10.49	97.73	3.5	33.77	7.7	25.9	0.63
F30	14 May 2024	43	10.49	97.80	3.5	33.77	7.7	25.9	0.61
F30	14 May 2024	44	10.48	97.85	3.5	33.77	7.7	25.9	0.56
F30	14 May 2024	45	10.48	97.89	3.6	33.77	7.7	25.9	0.53
F30	14 May 2024	46	10.45	97.95	3.6	33.77	7.7	25.9	0.50
F30	14 May 2024	47	10.39	98.06	3.6	33.78	7.7	25.9	0.45
F30	14 May 2024	48	10.32	98.06	3.6	33.79	7.7	26.0	0.38
F30	14 May 2024	49	10.30	98.23	3.7	33.80	7.7	26.0	0.35
F30	14 May 2024	50	10.29	98.46	3.7	33.80	7.7	26.0	0.33
F30	14 May 2024	51	10.26	98.32	3.6	33.81	7.7	26.0	0.31
F30	14 May 2024	52	10.15	97.81	3.6	33.84	7.7	26.0	0.24
F30	14 May 2024	53	10.11	97.61	3.5	33.84	7.7	26.0	0.19
F30	14 May 2024	54	10.10	97.51	3.4	33.84	7.7	26.0	0.16
F30	14 May 2024	55	10.09	97.32	3.4	33.84	7.7	26.0	0.16
F30	14 May 2024	56	10.05	96.06	3.2	33.84	7.7	26.0	0.15
F30	14 May 2024	57	9.99	94.42	3.1	33.85	7.7	26.1	0.14
F30	14 May 2024	58	9.98	93.17	3.0	33.85	7.7	26.1	0.13
F30	14 May 2024	59	9.99	92.41	3.0	33.85	7.7	26.1	0.13
F30	14 May 2024	60	9.98	92.41	2.9	33.85	7.7	26.1	0.13
F30	14 May 2024	61	9.98	92.41	2.9	33.85	7.7	26.1	0.13
F30	14 May 2024	62	9.98	92.43	2.9	33.85	7.7	26.1	0.13
F30	14 May 2024	63	9.98	92.33	2.9	33.85	7.7	26.1	0.13
F30	14 May 2024	64	9.98	92.37	2.9	33.85	7.7	26.1	0.13
F30	14 May 2024	65	9.98	92.56	2.9	33.86	7.7	26.1	0.13
F30	14 May 2024	66	9.97	92.86	2.9	33.86	7.7	26.1	0.12
F30	14 May 2024	67	9.96	92.86	2.9	33.86	7.7	26.1	0.13
F30	14 May 2024	68	9.95	92.51	2.9	33.87	7.7	26.1	0.13
F30	14 May 2024	69	9.94	92.34	2.9	33.87	7.7	26.1	0.12
F30	14 May 2024	70	9.94	92.22	2.9	33.87	7.7	26.1	0.11
F30	14 May 2024	71	9.94	92.19	2.9	33.87	7.7	26.1	0.11
F30	14 May 2024	72	9.94	92.42	2.9	33.87	7.7	26.1	0.13
F30	14 May 2024	73	9.94	92.49	2.9	33.87	7.7	26.1	0.11
F30	14 May 2024	74	9.94	92.46	2.9	33.87	7.7	26.1	0.11
F30	14 May 2024	75	9.94	92.43	2.9	33.88	7.7	26.1	0.11
F30	14 May 2024	76	9.94	92.46	2.8	33.88	7.7	26.1	0.10
F30	14 May 2024	77	9.94	92.86	2.8	33.88	7.7	26.1	0.11
F30	14 May 2024	78	9.94	93.09	2.9	33.88	7.7	26.1	0.10
F30	14 May 2024	79	9.94	93.35	2.9	33.88	7.7	26.1	0.10
F30	14 May 2024	80	9.94	93.67	2.9	33.89	7.7	26.1	0.10

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F30	14 May 2024	81	9.94	94.18	2.9	33.89	7.7	26.1	0.10
F30	14 May 2024	82	9.94	94.33	2.9	33.89	7.7	26.1	0.10
F30	14 May 2024	83	9.94	94.45	2.9	33.89	7.7	26.1	0.10
F30	14 May 2024	84	9.94	94.63	2.9	33.90	7.7	26.1	0.09
F30	14 May 2024	85	9.94	94.80	2.9	33.90	7.7	26.1	0.10
F30	14 May 2024	86	9.94	94.85	2.9	33.90	7.7	26.1	0.09
F30	14 May 2024	87	9.93	94.75	2.9	33.90	7.7	26.1	0.10
F30	14 May 2024	88	9.90	94.36	2.9	33.93	7.7	26.1	0.09
F30	14 May 2024	89	9.85	94.66	3.0	33.98	7.7	26.2	0.09
F30	14 May 2024	90	9.84	97.04	3.0	34.02	7.7	26.2	0.09
F30	14 May 2024	91	9.84	97.94	3.1	34.03	7.7	26.2	0.09
F30	14 May 2024	92	9.84	98.38	3.0	34.03	7.7	26.2	0.08
F30	14 May 2024	93	9.84	98.63	3.0	34.05	7.7	26.2	0.09
F30	14 May 2024	94	9.82	98.52	2.9	34.06	7.7	26.2	0.08
F30	14 May 2024	95	9.81	98.40	2.8	34.08	7.7	26.3	0.08
F30	14 May 2024	96	9.81	97.99	2.7	34.10	7.7	26.3	0.09
F30	14 May 2024	97	9.81	97.46	2.7	34.10	7.7	26.3	0.10
F30	14 May 2024	98	9.82	76.64	2.8	34.08	7.7	26.3	0.09
F19	16 May 2024	1	17.80	95.36	8.3	33.47	8.3	24.2	0.40
F19	16 May 2024	2	17.79	95.37	8.3	33.47	8.3	24.2	0.40
F19	16 May 2024	3	17.78	94.93	8.3	33.47	8.3	24.2	0.43
F19	16 May 2024	4	17.78	95.41	8.3	33.47	8.3	24.2	0.47
F19	16 May 2024	5	17.75	95.53	8.3	33.48	8.3	24.2	0.50
F19	16 May 2024	6	17.73	95.47	8.3	33.48	8.3	24.2	0.56
F19	16 May 2024	7	17.71	95.59	8.3	33.48	8.3	24.2	0.60
F19	16 May 2024	8	17.64	95.55	8.3	33.48	8.3	24.2	0.67
F19	16 May 2024	9	17.45	95.49	8.3	33.48	8.3	24.2	0.72
F19	16 May 2024	10	17.17	95.40	8.1	33.48	8.2	24.3	0.89
F19	16 May 2024	11	16.74	94.74	7.8	33.47	8.2	24.4	1.09
F19	16 May 2024	12	15.74	93.31	7.5	33.49	8.2	24.6	1.65
F19	16 May 2024	13	14.57	90.55	7.2	33.50	8.1	24.9	2.24
F19	16 May 2024	14	13.53	92.45	6.8	33.48	8.1	25.1	2.17
F19	16 May 2024	15	12.61	93.54	6.0	33.51	8.0	25.3	1.63
F19	16 May 2024	16	12.26	95.41	5.5	33.49	7.9	25.4	1.37
F19	16 May 2024	17	12.15	95.95	5.3	33.49	7.9	25.4	1.47
F19	16 May 2024	18	12.00	96.15	5.1	33.50	7.9	25.4	1.43
F19	16 May 2024	19	11.82	96.20	5.0	33.51	7.9	25.5	1.67
F19	16 May 2024	20	11.74	96.32	4.9	33.52	7.9	25.5	1.55
F19	16 May 2024	21	11.73	96.58	4.9	33.52	7.9	25.5	1.29
F19	16 May 2024	22	11.71	97.06	4.8	33.53	7.9	25.5	1.09
F19	16 May 2024	23	11.67	97.30	4.8	33.54	7.9	25.5	0.97
F19	16 May 2024	24	11.57	97.59	4.7	33.55	7.9	25.5	1.00
F19	16 May 2024	25	11.47	97.69	4.6	33.56	7.9	25.6	0.96
F19	16 May 2024	26	11.42	97.42	4.6	33.57	7.9	25.6	1.00
F19	16 May 2024	27	11.40	97.80	4.5	33.58	7.8	25.6	0.85
F19	16 May 2024	28	11.32	98.02	4.5	33.59	7.8	25.6	0.79
F19	16 May 2024	29	11.17	98.02	4.4	33.62	7.8	25.7	0.81
F19	16 May 2024	30	11.02	98.03	4.4	33.64	7.8	25.7	0.82
F19	16 May 2024	31	10.97	97.96	4.3	33.66	7.8	25.7	0.80
F19	16 May 2024	32	10.93	98.05	4.2	33.66	7.8	25.7	0.79
F19	16 May 2024	33	10.83	98.23	4.2	33.67	7.8	25.8	0.70
F19	16 May 2024	34	10.74	98.29	4.3	33.67	7.8	25.8	0.70
F19	16 May 2024	35	10.63	98.54	4.4	33.67	7.8	25.8	0.58
F19	16 May 2024	36	10.62	98.76	4.4	33.67	7.8	25.8	0.44
F19	16 May 2024	37	10.57	98.99	4.5	33.67	7.8	25.8	0.40
F19	16 May 2024	38	10.53	99.12	4.5	33.68	7.8	25.8	0.40
F19	16 May 2024	39	10.52	99.13	4.5	33.68	7.8	25.8	0.39
F19	16 May 2024	40	10.51	99.16	4.5	33.68	7.8	25.8	0.38
F19	16 May 2024	41	10.50	99.19	4.5	33.68	7.8	25.8	0.35
F19	16 May 2024	42	10.49	99.20	4.5	33.68	7.8	25.8	0.34

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F19	16 May 2024	43	10.46	99.21	4.5	33.69	7.8	25.8	0.35
F19	16 May 2024	44	10.43	99.25	4.5	33.69	7.8	25.9	0.31
F19	16 May 2024	45	10.36	99.26	4.4	33.71	7.8	25.9	0.33
F19	16 May 2024	46	10.34	99.30	4.2	33.75	7.8	25.9	0.34
F19	16 May 2024	47	10.32	98.96	4.0	33.76	7.8	25.9	0.37
F19	16 May 2024	48	10.31	98.75	3.9	33.77	7.8	25.9	0.40
F19	16 May 2024	49	10.29	98.73	3.8	33.78	7.8	25.9	0.37
F19	16 May 2024	50	10.28	98.60	3.8	33.79	7.8	26.0	0.36
F19	16 May 2024	51	10.28	98.66	3.6	33.79	7.8	26.0	0.37
F19	16 May 2024	52	10.28	98.44	3.5	33.80	7.8	26.0	0.35
F19	16 May 2024	53	10.28	98.34	3.4	33.81	7.8	26.0	0.35
F19	16 May 2024	54	10.23	98.29	3.4	33.82	7.8	26.0	0.32
F19	16 May 2024	55	10.11	98.01	3.3	33.83	7.8	26.0	0.24
F19	16 May 2024	56	10.04	95.95	3.1	33.83	7.7	26.0	0.18
F19	16 May 2024	57	10.01	94.41	3.0	33.84	7.7	26.0	0.14
F19	16 May 2024	58	10.01	94.18	3.0	33.84	7.7	26.0	0.13
F19	16 May 2024	59	10.01	94.31	3.0	33.85	7.7	26.1	0.12
F19	16 May 2024	60	10.01	94.50	3.0	33.85	7.7	26.1	0.11
F19	16 May 2024	61	10.00	94.65	3.0	33.85	7.7	26.1	0.11
F19	16 May 2024	62	10.00	94.39	2.9	33.85	7.7	26.1	0.12
F19	16 May 2024	63	10.00	94.30	2.9	33.85	7.7	26.1	0.12
F19	16 May 2024	64	9.99	94.36	2.9	33.85	7.7	26.1	0.11
F19	16 May 2024	65	9.98	94.51	2.9	33.85	7.7	26.1	0.11
F19	16 May 2024	66	9.97	94.31	2.9	33.85	7.7	26.1	0.10
F19	16 May 2024	67	9.98	94.09	2.9	33.85	7.7	26.1	0.10
F19	16 May 2024	68	9.99	94.10	2.9	33.85	7.7	26.1	0.10
F19	16 May 2024	69	9.98	94.36	2.9	33.85	7.7	26.1	0.10
F19	16 May 2024	70	9.97	94.40	2.9	33.86	7.7	26.1	0.10
F19	16 May 2024	71	9.97	94.34	2.9	33.86	7.7	26.1	0.10
F19	16 May 2024	72	9.97	94.37	2.9	33.86	7.7	26.1	0.10
F19	16 May 2024	73	9.97	94.40	2.9	33.87	7.7	26.1	0.10
F19	16 May 2024	74	9.97	94.68	2.9	33.87	7.7	26.1	0.10
F19	16 May 2024	75	9.96	95.05	2.9	33.88	7.7	26.1	0.10
F19	16 May 2024	76	9.96	95.11	2.9	33.88	7.7	26.1	0.10
F19	16 May 2024	77	9.96	95.18	2.9	33.88	7.7	26.1	0.10
F19	16 May 2024	78	9.96	95.22	2.9	33.88	7.7	26.1	0.10
F19	16 May 2024	79	9.96	95.18	2.9	33.88	7.7	26.1	0.10
F19	16 May 2024	80	9.95	95.21	2.9	33.89	7.7	26.1	0.10
F19	16 May 2024	81	9.94	95.05	2.9	33.91	7.7	26.1	0.10
F19	16 May 2024	82	9.94	94.83	2.8	33.91	7.7	26.1	0.09
F19	16 May 2024	83	9.93	86.12	2.8	33.93	7.7	26.1	0.10
F08	15 May 2024	1	17.66	94.72	8.4	33.46	8.2	24.2	0.63
F08	15 May 2024	2	17.67	94.45	8.4	33.46	8.2	24.2	0.63
F08	15 May 2024	3	17.62	94.49	8.4	33.46	8.2	24.2	0.71
F08	15 May 2024	4	17.54	94.35	8.3	33.46	8.2	24.2	0.79
F08	15 May 2024	5	17.27	93.89	8.3	33.46	8.2	24.3	1.01
F08	15 May 2024	6	16.59	92.51	7.9	33.45	8.2	24.4	1.59
F08	15 May 2024	7	14.91	90.64	7.5	33.47	8.1	24.8	2.02
F08	15 May 2024	8	13.93	91.72	7.2	33.48	8.1	25.0	2.28
F08	15 May 2024	9	13.61	92.55	7.0	33.48	8.1	25.1	2.15
F08	15 May 2024	10	13.55	93.22	6.8	33.48	8.0	25.1	2.07
F08	15 May 2024	11	13.31	93.31	6.6	33.47	8.0	25.1	2.29
F08	15 May 2024	12	12.74	93.22	6.2	33.47	8.0	25.3	2.21
F08	15 May 2024	13	12.31	94.35	5.7	33.48	7.9	25.4	1.87
F08	15 May 2024	14	11.97	95.66	5.2	33.52	7.9	25.4	1.80
F08	15 May 2024	15	11.93	95.88	5.0	33.53	7.9	25.5	1.78
F08	15 May 2024	16	11.91	95.91	5.0	33.54	7.9	25.5	1.50
F08	15 May 2024	17	11.89	95.70	5.0	33.55	7.9	25.5	1.42
F08	15 May 2024	18	11.90	96.02	4.9	33.55	7.9	25.5	1.54
F08	15 May 2024	19	11.85	96.10	4.9	33.56	7.9	25.5	1.71

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F08	15 May 2024	20	11.83	95.96	4.8	33.57	7.9	25.5	1.74
F08	15 May 2024	21	11.81	96.13	4.8	33.58	7.9	25.5	1.19
F08	15 May 2024	22	11.79	96.19	4.8	33.58	7.8	25.5	1.43
F08	15 May 2024	23	11.71	96.18	4.7	33.59	7.8	25.6	1.09
F08	15 May 2024	24	11.53	96.22	4.6	33.62	7.8	25.6	1.28
F08	15 May 2024	25	11.50	96.70	4.5	33.62	7.8	25.6	1.34
F08	15 May 2024	26	11.18	96.92	4.3	33.66	7.8	25.7	0.99
F08	15 May 2024	27	11.09	97.23	4.2	33.67	7.8	25.7	0.92
F08	15 May 2024	28	10.97	97.16	4.1	33.69	7.8	25.8	0.85
F08	15 May 2024	29	10.82	97.21	4.0	33.71	7.8	25.8	0.80
F08	15 May 2024	30	10.76	97.08	3.9	33.72	7.8	25.8	0.81
F08	15 May 2024	31	10.76	97.04	3.8	33.72	7.8	25.8	0.79
F08	15 May 2024	32	10.76	97.04	3.8	33.72	7.8	25.8	0.79
F08	15 May 2024	33	10.74	96.94	3.8	33.72	7.8	25.8	0.80
F08	15 May 2024	34	10.73	96.93	3.8	33.73	7.8	25.8	0.80
F08	15 May 2024	35	10.69	96.92	3.7	33.73	7.8	25.8	0.83
F08	15 May 2024	36	10.67	96.80	3.7	33.74	7.8	25.8	0.83
F08	15 May 2024	37	10.63	97.01	3.7	33.74	7.8	25.9	0.78
F08	15 May 2024	38	10.61	97.01	3.7	33.75	7.8	25.9	0.75
F08	15 May 2024	39	10.61	97.05	3.7	33.75	7.8	25.9	0.74
F08	15 May 2024	40	10.61	97.10	3.6	33.75	7.8	25.9	0.75
F08	15 May 2024	41	10.60	97.10	3.6	33.75	7.8	25.9	0.75
F08	15 May 2024	42	10.60	97.12	3.6	33.75	7.8	25.9	0.73
F08	15 May 2024	43	10.59	97.06	3.6	33.75	7.8	25.9	0.72
F08	15 May 2024	44	10.58	96.75	3.6	33.76	7.8	25.9	0.72
F08	15 May 2024	45	10.57	97.13	3.6	33.75	7.8	25.9	0.73
F08	15 May 2024	46	10.55	97.07	3.6	33.76	7.8	25.9	0.74
F08	15 May 2024	47	10.51	97.01	3.6	33.77	7.8	25.9	0.74
F08	15 May 2024	48	10.49	97.00	3.6	33.77	7.8	25.9	0.70
F08	15 May 2024	49	10.46	97.15	3.6	33.77	7.8	25.9	0.68
F08	15 May 2024	50	10.41	97.15	3.5	33.78	7.8	25.9	0.65
F08	15 May 2024	51	10.39	97.24	3.5	33.78	7.7	25.9	0.60
F08	15 May 2024	52	10.37	97.37	3.5	33.78	7.7	25.9	0.57
F08	15 May 2024	53	10.31	97.40	3.5	33.79	7.7	26.0	0.53
F08	15 May 2024	54	10.26	97.46	3.5	33.81	7.7	26.0	0.47
F08	15 May 2024	55	10.23	97.39	3.4	33.81	7.7	26.0	0.42
F08	15 May 2024	56	10.22	96.77	3.3	33.82	7.7	26.0	0.42
F08	15 May 2024	57	10.20	95.42	3.2	33.83	7.7	26.0	0.38
F08	15 May 2024	58	10.19	93.76	3.2	33.83	7.7	26.0	0.39
F08	15 May 2024	59	10.19	93.13	3.1	33.84	7.7	26.0	0.36
F08	15 May 2024	60	10.18	92.63	3.1	33.84	7.7	26.0	0.35
F08	15 May 2024	61	10.15	92.23	3.1	33.85	7.7	26.0	0.34
F08	15 May 2024	62	10.16	90.79	3.1	33.84	7.7	26.0	0.30
F31	14 May 2024	1	17.57	95.48	8.4	33.45	8.2	24.2	0.38
F31	14 May 2024	2	17.45	95.88	8.3	33.44	8.2	24.2	0.41
F31	14 May 2024	3	16.52	95.78	8.3	33.41	8.2	24.4	0.56
F31	14 May 2024	4	15.48	93.97	8.4	33.38	8.2	24.6	0.88
F31	14 May 2024	5	14.56	93.97	8.4	33.35	8.2	24.8	1.26
F31	14 May 2024	6	14.07	92.57	8.3	33.33	8.1	24.9	1.60
F31	14 May 2024	7	13.87	92.08	8.1	33.33	8.1	24.9	1.78
F31	14 May 2024	8	13.59	91.68	7.8	33.34	8.1	25.0	1.92
F31	14 May 2024	9	13.52	92.10	7.7	33.34	8.1	25.0	1.98
F31	14 May 2024	10	13.38	92.14	7.4	33.35	8.1	25.0	2.39
F31	14 May 2024	11	13.03	91.77	7.1	33.38	8.0	25.1	2.61
F31	14 May 2024	12	12.70	92.36	6.6	33.41	8.0	25.2	3.05
F31	14 May 2024	13	12.50	93.30	6.2	33.39	8.0	25.2	2.19
F31	14 May 2024	14	12.38	94.89	5.7	33.43	7.9	25.3	1.88
F31	14 May 2024	15	11.75	95.64	5.4	33.48	7.9	25.5	2.04
F31	14 May 2024	16	11.55	93.95	5.1	33.49	7.8	25.5	1.91
F31	14 May 2024	17	11.45	94.68	5.0	33.51	7.8	25.5	1.86

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F31	14 May 2024	18	11.31	95.75	5.0	33.51	7.8	25.6	1.38
F31	14 May 2024	19	11.13	96.49	5.0	33.52	7.8	25.6	1.14
F31	14 May 2024	20	11.03	97.68	5.0	33.54	7.8	25.6	1.03
F31	14 May 2024	21	10.99	98.03	4.9	33.55	7.8	25.6	0.69
F31	14 May 2024	22	10.97	98.44	4.9	33.55	7.8	25.7	0.62
F31	14 May 2024	23	10.87	98.66	4.8	33.57	7.8	25.7	0.55
F31	14 May 2024	24	10.72	98.81	4.8	33.60	7.8	25.7	0.49
F31	14 May 2024	25	10.70	98.58	4.8	33.60	7.8	25.7	0.46
F31	14 May 2024	26	10.69	98.86	4.8	33.61	7.8	25.7	0.46
F31	14 May 2024	27	10.66	98.97	4.8	33.62	7.8	25.8	0.43
F31	14 May 2024	28	10.61	99.16	4.7	33.64	7.8	25.8	0.40
F31	14 May 2024	29	10.55	99.22	4.6	33.66	7.8	25.8	0.40
F31	14 May 2024	30	10.53	99.26	4.6	33.66	7.8	25.8	0.37
F31	14 May 2024	31	10.51	99.22	4.6	33.67	7.8	25.8	0.36
F31	14 May 2024	32	10.49	99.26	4.6	33.67	7.8	25.8	0.38
F31	14 May 2024	33	10.48	99.13	4.4	33.70	7.8	25.9	0.45
F31	14 May 2024	34	10.49	98.94	4.2	33.71	7.8	25.9	0.82
F31	14 May 2024	35	10.50	98.42	4.0	33.74	7.8	25.9	0.61
F31	14 May 2024	36	10.51	97.97	3.8	33.75	7.7	25.9	0.69
F31	14 May 2024	37	10.51	97.75	3.7	33.75	7.7	25.9	0.75
F31	14 May 2024	38	10.52	97.60	3.6	33.76	7.7	25.9	0.78
F31	14 May 2024	39	10.51	97.45	3.5	33.77	7.7	25.9	0.78
F31	14 May 2024	40	10.51	97.32	3.5	33.77	7.7	25.9	0.77
F31	14 May 2024	41	10.50	96.49	3.5	33.77	7.7	25.9	0.79
F31	14 May 2024	42	10.50	97.35	3.4	33.77	7.7	25.9	0.77
F31	14 May 2024	43	10.49	97.33	3.4	33.77	7.7	25.9	0.73
F31	14 May 2024	44	10.48	97.21	3.4	33.77	7.7	25.9	0.70
F31	14 May 2024	45	10.47	97.36	3.4	33.77	7.7	25.9	0.67
F31	14 May 2024	46	10.46	97.44	3.4	33.78	7.7	25.9	0.64
F31	14 May 2024	47	10.43	97.49	3.4	33.78	7.7	25.9	0.59
F31	14 May 2024	48	10.40	97.54	3.4	33.79	7.7	25.9	0.57
F31	14 May 2024	49	10.38	97.64	3.4	33.79	7.7	25.9	0.52
F31	14 May 2024	50	10.34	97.78	3.5	33.80	7.7	26.0	0.45
F31	14 May 2024	51	10.29	98.03	3.5	33.81	7.7	26.0	0.39
F31	14 May 2024	52	10.25	98.38	3.6	33.82	7.7	26.0	0.33
F31	14 May 2024	53	10.23	98.62	3.6	33.82	7.7	26.0	0.30
F31	14 May 2024	54	10.20	98.79	3.7	33.83	7.7	26.0	0.26
F31	14 May 2024	55	10.17	98.89	3.7	33.85	7.7	26.0	0.23
F31	14 May 2024	56	10.15	99.16	3.7	33.86	7.7	26.0	0.21
F31	14 May 2024	57	10.13	99.27	3.7	33.87	7.7	26.0	0.18
F31	14 May 2024	58	10.12	99.30	3.6	33.87	7.7	26.1	0.18
F31	14 May 2024	59	10.11	99.05	3.6	33.88	7.7	26.1	0.17
F31	14 May 2024	60	10.10	99.20	3.6	33.88	7.7	26.1	0.18
F31	14 May 2024	61	10.10	99.17	3.5	33.88	7.7	26.1	0.18
F31	14 May 2024	62	10.10	99.04	3.5	33.88	7.7	26.1	0.17
F31	14 May 2024	63	10.09	98.96	3.5	33.88	7.7	26.1	0.17
F31	14 May 2024	64	10.09	98.87	3.5	33.89	7.7	26.1	0.17
F31	14 May 2024	65	10.08	98.76	3.5	33.89	7.7	26.1	0.17
F31	14 May 2024	66	10.08	98.70	3.5	33.89	7.7	26.1	0.17
F31	14 May 2024	67	10.07	98.65	3.4	33.90	7.7	26.1	0.17
F31	14 May 2024	68	10.06	98.55	3.4	33.90	7.7	26.1	0.17
F31	14 May 2024	69	10.06	98.38	3.4	33.90	7.7	26.1	0.16
F31	14 May 2024	70	10.05	98.47	3.4	33.90	7.7	26.1	0.17
F31	14 May 2024	71	10.05	98.46	3.4	33.90	7.7	26.1	0.17
F31	14 May 2024	72	10.05	98.48	3.4	33.90	7.7	26.1	0.19
F31	14 May 2024	73	10.01	98.44	3.4	33.91	7.7	26.1	0.16
F31	14 May 2024	74	9.97	98.29	3.4	33.92	7.7	26.1	0.15
F31	14 May 2024	75	9.95	98.22	3.4	33.93	7.7	26.1	0.14
F31	14 May 2024	76	9.94	98.21	3.4	33.93	7.7	26.1	0.14
F31	14 May 2024	77	9.91	98.25	3.4	33.95	7.7	26.1	0.14
F31	14 May 2024	78	9.90	98.25	3.3	33.96	7.7	26.2	0.13

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F31	14 May 2024	79	9.90	98.20	3.3	33.96	7.7	26.2	0.13
F31	14 May 2024	80	9.90	98.19	3.3	33.97	7.7	26.2	0.11
F31	14 May 2024	81	9.89	98.18	3.3	33.97	7.7	26.2	0.12
F31	14 May 2024	82	9.89	98.10	3.3	33.98	7.7	26.2	0.12
F31	14 May 2024	83	9.89	98.05	3.2	33.98	7.7	26.2	0.12
F31	14 May 2024	84	9.89	97.90	3.2	33.98	7.7	26.2	0.12
F31	14 May 2024	85	9.89	97.80	3.2	33.99	7.7	26.2	0.12
F31	14 May 2024	86	9.89	97.73	3.2	33.99	7.7	26.2	0.12
F31	14 May 2024	87	9.89	97.73	3.2	34.00	7.7	26.2	0.12
F31	14 May 2024	88	9.89	97.54	3.1	34.00	7.7	26.2	0.11
F31	14 May 2024	89	9.88	97.29	3.1	34.01	7.7	26.2	0.11
F31	14 May 2024	90	9.88	97.20	3.1	34.02	7.7	26.2	0.12
F31	14 May 2024	91	9.88	96.98	3.0	34.03	7.7	26.2	0.12
F31	14 May 2024	92	9.87	96.77	3.0	34.03	7.7	26.2	0.11
F31	14 May 2024	93	9.87	96.82	2.9	34.05	7.7	26.2	0.12
F31	14 May 2024	94	9.87	96.23	2.9	34.05	7.7	26.2	0.11
F31	14 May 2024	95	9.86	95.30	2.8	34.05	7.7	26.2	0.12
F31	14 May 2024	96	9.86	95.04	2.8	34.06	7.7	26.2	0.12
F31	14 May 2024	97	9.85	95.09	2.8	34.07	7.7	26.2	0.12
F31	14 May 2024	98	9.85	95.43	2.8	34.07	7.7	26.3	0.12
F31	14 May 2024	99	9.86	95.30	2.7	34.07	7.7	26.2	0.12
F31	14 May 2024	100	9.86	89.92	2.8	34.06	7.7	26.2	0.12
F20	16 May 2024	1	17.85	95.67	8.3	33.48	8.3	24.1	0.48
F20	16 May 2024	2	17.85	95.71	8.3	33.48	8.3	24.1	0.48
F20	16 May 2024	3	17.84	95.71	8.3	33.48	8.3	24.1	0.51
F20	16 May 2024	4	17.77	95.63	8.3	33.48	8.3	24.2	0.53
F20	16 May 2024	5	17.60	95.59	8.2	33.48	8.3	24.2	0.62
F20	16 May 2024	6	17.31	95.35	8.1	33.47	8.2	24.3	0.76
F20	16 May 2024	7	16.74	94.71	7.8	33.48	8.2	24.4	0.98
F20	16 May 2024	8	15.22	92.89	7.4	33.52	8.2	24.8	1.58
F20	16 May 2024	9	14.09	91.56	6.9	33.52	8.1	25.0	1.79
F20	16 May 2024	10	13.28	93.00	6.4	33.52	8.0	25.2	1.93
F20	16 May 2024	11	12.49	93.52	5.9	33.52	8.0	25.3	1.49
F20	16 May 2024	12	12.12	94.53	5.4	33.52	7.9	25.4	1.54
F20	16 May 2024	13	11.96	95.40	5.2	33.51	7.9	25.4	1.48
F20	16 May 2024	14	11.75	96.16	5.0	33.51	7.9	25.5	1.43
F20	16 May 2024	15	11.70	96.80	4.9	33.52	7.9	25.5	1.33
F20	16 May 2024	16	11.67	97.00	4.9	33.52	7.9	25.5	1.20
F20	16 May 2024	17	11.66	97.26	4.8	33.53	7.9	25.5	1.10
F20	16 May 2024	18	11.59	97.35	4.8	33.54	7.9	25.5	1.02
F20	16 May 2024	19	11.51	97.36	4.7	33.55	7.9	25.6	1.10
F20	16 May 2024	20	11.48	97.50	4.6	33.56	7.9	25.6	1.02
F20	16 May 2024	21	11.46	97.51	4.6	33.57	7.9	25.6	1.03
F20	16 May 2024	22	11.43	97.58	4.6	33.57	7.8	25.6	0.97
F20	16 May 2024	23	11.38	97.65	4.5	33.58	7.8	25.6	0.93
F20	16 May 2024	24	11.32	97.78	4.5	33.59	7.8	25.6	0.88
F20	16 May 2024	25	11.22	97.86	4.4	33.61	7.8	25.7	0.85
F20	16 May 2024	26	10.98	97.95	4.4	33.64	7.8	25.7	0.81
F20	16 May 2024	27	10.82	98.17	4.5	33.65	7.8	25.8	0.75
F20	16 May 2024	28	10.79	98.39	4.5	33.65	7.8	25.8	0.64
F20	16 May 2024	29	10.75	98.49	4.4	33.66	7.8	25.8	0.57
F20	16 May 2024	30	10.71	98.49	4.4	33.67	7.8	25.8	0.57
F20	16 May 2024	31	10.70	98.54	4.4	33.67	7.8	25.8	0.55
F20	16 May 2024	32	10.67	98.63	4.4	33.67	7.8	25.8	0.53
F20	16 May 2024	33	10.64	98.66	4.4	33.68	7.8	25.8	0.51
F20	16 May 2024	34	10.57	98.67	4.4	33.68	7.8	25.8	0.48
F20	16 May 2024	35	10.52	98.71	4.5	33.68	7.8	25.8	0.43
F20	16 May 2024	36	10.48	98.92	4.5	33.69	7.8	25.8	0.40
F20	16 May 2024	37	10.44	99.05	4.5	33.69	7.8	25.9	0.38
F20	16 May 2024	38	10.41	99.14	4.5	33.70	7.8	25.9	0.35

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F20	16 May 2024	39	10.39	99.21	4.4	33.71	7.8	25.9	0.33
F20	16 May 2024	40	10.37	99.10	4.4	33.72	7.8	25.9	0.36
F20	16 May 2024	41	10.36	99.16	4.3	33.72	7.8	25.9	0.34
F20	16 May 2024	42	10.32	99.20	4.3	33.73	7.8	25.9	0.41
F20	16 May 2024	43	10.31	99.25	4.3	33.74	7.8	25.9	0.32
F20	16 May 2024	44	10.30	99.27	4.2	33.76	7.8	25.9	0.34
F20	16 May 2024	45	10.30	99.12	4.0	33.78	7.8	25.9	0.37
F20	16 May 2024	46	10.30	98.83	3.8	33.78	7.8	26.0	0.38
F20	16 May 2024	47	10.29	98.42	3.7	33.79	7.8	26.0	0.38
F20	16 May 2024	48	10.28	98.22	3.6	33.80	7.8	26.0	0.38
F20	16 May 2024	49	10.27	98.12	3.6	33.80	7.8	26.0	0.36
F20	16 May 2024	50	10.27	98.11	3.5	33.80	7.8	26.0	0.37
F20	16 May 2024	51	10.26	98.07	3.5	33.80	7.8	26.0	0.37
F20	16 May 2024	52	10.23	98.04	3.5	33.82	7.8	26.0	0.35
F20	16 May 2024	53	10.22	98.01	3.4	33.82	7.8	26.0	0.32
F20	16 May 2024	54	10.21	98.01	3.4	33.83	7.8	26.0	0.31
F20	16 May 2024	55	10.21	97.95	3.4	33.83	7.8	26.0	0.30
F20	16 May 2024	56	10.20	97.95	3.3	33.83	7.8	26.0	0.30
F20	16 May 2024	57	10.20	97.97	3.3	33.83	7.8	26.0	0.29
F20	16 May 2024	58	10.20	98.08	3.3	33.83	7.8	26.0	0.28
F20	16 May 2024	59	10.17	98.11	3.4	33.84	7.8	26.0	0.26
F20	16 May 2024	60	10.13	98.16	3.4	33.86	7.8	26.0	0.22
F20	16 May 2024	61	10.11	98.49	3.5	33.86	7.8	26.0	0.19
F20	16 May 2024	62	10.10	98.72	3.6	33.86	7.8	26.0	0.20
F20	16 May 2024	63	10.10	98.92	3.6	33.87	7.8	26.1	0.15
F20	16 May 2024	64	10.10	99.08	3.6	33.87	7.8	26.1	0.15
F20	16 May 2024	65	10.09	99.14	3.6	33.87	7.8	26.1	0.14
F20	16 May 2024	66	10.09	99.15	3.6	33.87	7.8	26.1	0.14
F20	16 May 2024	67	10.09	99.18	3.6	33.88	7.8	26.1	0.14
F20	16 May 2024	68	10.08	99.13	3.6	33.88	7.8	26.1	0.14
F20	16 May 2024	69	10.07	99.10	3.6	33.88	7.8	26.1	0.14
F20	16 May 2024	70	10.07	99.05	3.5	33.88	7.8	26.1	0.13
F20	16 May 2024	71	10.02	98.98	3.5	33.89	7.8	26.1	0.12
F20	16 May 2024	72	10.00	98.66	3.4	33.90	7.8	26.1	0.11
F20	16 May 2024	73	9.98	98.27	3.4	33.90	7.8	26.1	0.11
F20	16 May 2024	74	9.97	97.94	3.3	33.90	7.8	26.1	0.10
F20	16 May 2024	75	9.95	97.64	3.2	33.90	7.8	26.1	0.10
F20	16 May 2024	76	9.94	97.19	3.1	33.91	7.7	26.1	0.09
F20	16 May 2024	77	9.94	96.55	3.1	33.91	7.7	26.1	0.09
F20	16 May 2024	78	9.93	96.17	3.0	33.92	7.7	26.1	0.09
F20	16 May 2024	79	9.93	96.06	3.0	33.92	7.7	26.1	0.09
F20	16 May 2024	80	9.92	95.65	3.0	33.93	7.7	26.1	0.09
F20	16 May 2024	81	9.92	94.27	3.0	33.93	7.7	26.1	0.10
F20	16 May 2024	82	9.90	93.63	2.9	33.96	7.7	26.2	0.10
F20	16 May 2024	83	9.91	93.14	2.9	33.95	7.7	26.1	0.06
F09	15 May 2024	1	17.67	93.52	8.4	33.47	8.2	24.2	0.65
F09	15 May 2024	2	17.67	93.81	8.4	33.47	8.2	24.2	0.70
F09	15 May 2024	3	17.66	93.92	8.4	33.47	8.2	24.2	0.76
F09	15 May 2024	4	17.63	93.81	8.4	33.47	8.2	24.2	0.85
F09	15 May 2024	5	17.59	93.57	8.3	33.47	8.2	24.2	0.93
F09	15 May 2024	6	17.17	93.29	8.2	33.46	8.2	24.3	1.07
F09	15 May 2024	7	16.31	92.14	8.1	33.48	8.2	24.5	1.53
F09	15 May 2024	8	15.55	91.10	7.6	33.47	8.2	24.7	1.94
F09	15 May 2024	9	14.01	91.91	7.2	33.50	8.1	25.0	2.04
F09	15 May 2024	10	13.54	92.71	6.9	33.49	8.1	25.1	2.21
F09	15 May 2024	11	13.35	93.03	6.7	33.49	8.0	25.2	2.24
F09	15 May 2024	12	13.18	93.27	6.6	33.49	8.0	25.2	2.23
F09	15 May 2024	13	12.88	93.34	6.3	33.49	8.0	25.2	2.32
F09	15 May 2024	14	12.51	92.87	5.8	33.51	8.0	25.3	2.72
F09	15 May 2024	15	11.96	94.35	5.3	33.54	7.9	25.5	2.08

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F09	15 May 2024	16	11.93	95.54	5.1	33.55	7.9	25.5	1.48
F09	15 May 2024	17	11.95	95.86	5.0	33.55	7.9	25.5	1.62
F09	15 May 2024	18	11.87	95.78	4.9	33.56	7.9	25.5	1.79
F09	15 May 2024	19	11.86	95.79	4.9	33.57	7.9	25.5	1.60
F09	15 May 2024	20	11.86	95.96	4.9	33.58	7.9	25.5	1.56
F09	15 May 2024	21	11.84	95.81	4.8	33.58	7.9	25.5	1.31
F09	15 May 2024	22	11.77	95.94	4.8	33.60	7.9	25.5	1.37
F09	15 May 2024	23	11.74	95.95	4.7	33.60	7.8	25.6	1.28
F09	15 May 2024	24	11.71	96.13	4.6	33.61	7.8	25.6	1.31
F09	15 May 2024	25	11.35	96.41	4.5	33.64	7.8	25.7	1.26
F09	15 May 2024	26	11.17	97.09	4.3	33.66	7.8	25.7	0.97
F09	15 May 2024	27	11.08	97.51	4.3	33.66	7.8	25.7	0.85
F09	15 May 2024	28	11.05	97.59	4.2	33.66	7.8	25.7	0.74
F09	15 May 2024	29	11.01	97.74	4.2	33.67	7.8	25.7	0.81
F09	15 May 2024	30	10.99	97.62	4.2	33.67	7.8	25.7	0.88
F09	15 May 2024	31	10.98	97.61	4.1	33.67	7.8	25.7	0.78
F09	15 May 2024	32	10.90	97.45	4.0	33.70	7.8	25.8	0.76
F09	15 May 2024	33	10.78	97.11	3.9	33.72	7.8	25.8	0.82
F09	15 May 2024	34	10.73	97.21	3.9	33.72	7.8	25.8	0.79
F09	15 May 2024	35	10.72	97.36	3.8	33.72	7.8	25.8	0.75
F09	15 May 2024	36	10.71	97.34	3.8	33.72	7.8	25.8	0.76
F09	15 May 2024	37	10.67	97.34	3.8	33.73	7.8	25.8	0.74
F09	15 May 2024	38	10.60	97.33	3.7	33.74	7.8	25.9	0.76
F09	15 May 2024	39	10.58	97.28	3.7	33.75	7.8	25.9	0.74
F09	15 May 2024	40	10.58	97.26	3.6	33.75	7.8	25.9	0.72
F09	15 May 2024	41	10.50	97.03	3.6	33.77	7.8	25.9	0.78
F09	15 May 2024	42	10.46	97.07	3.5	33.77	7.8	25.9	0.69
F09	15 May 2024	43	10.45	97.02	3.5	33.78	7.8	25.9	0.67
F09	15 May 2024	44	10.42	97.03	3.5	33.78	7.7	25.9	0.65
F09	15 May 2024	45	10.41	96.99	3.5	33.78	7.8	25.9	0.62
F09	15 May 2024	46	10.39	96.95	3.5	33.78	7.8	25.9	0.61
F09	15 May 2024	47	10.34	97.02	3.5	33.79	7.7	26.0	0.56
F09	15 May 2024	48	10.31	97.25	3.5	33.80	7.7	26.0	0.51
F09	15 May 2024	49	10.29	97.44	3.4	33.80	7.7	26.0	0.46
F09	15 May 2024	50	10.25	97.36	3.4	33.81	7.7	26.0	0.42
F09	15 May 2024	51	10.23	97.18	3.4	33.81	7.7	26.0	0.37
F09	15 May 2024	52	10.23	97.41	3.4	33.82	7.7	26.0	0.35
F09	15 May 2024	53	10.22	97.70	3.4	33.82	7.7	26.0	0.33
F09	15 May 2024	54	10.19	97.86	3.4	33.82	7.7	26.0	0.30
F09	15 May 2024	55	10.17	97.29	3.4	33.83	7.7	26.0	0.30
F09	15 May 2024	56	10.18	96.29	3.3	33.83	7.7	26.0	0.29
F09	15 May 2024	57	10.18	95.49	3.3	33.83	7.7	26.0	0.31
F09	15 May 2024	58	10.16	94.71	3.2	33.84	7.7	26.0	0.30
F09	15 May 2024	59	10.12	93.10	3.2	33.85	7.7	26.0	0.29
F09	15 May 2024	60	10.10	91.96	3.2	33.86	7.7	26.0	0.24
F09	15 May 2024	61	10.09	91.87	3.2	33.86	7.7	26.0	0.22
F09	15 May 2024	62	10.10	91.69	3.2	33.86	7.7	26.0	0.21
F32	14 May 2024	1	17.61	95.98	8.4	33.45	8.2	24.2	0.38
F32	14 May 2024	2	17.60	95.95	8.4	33.45	8.2	24.2	0.39
F32	14 May 2024	3	17.59	96.01	8.2	33.45	8.2	24.2	0.45
F32	14 May 2024	4	16.66	95.90	8.3	33.42	8.2	24.4	0.60
F32	14 May 2024	5	15.40	95.50	8.6	33.39	8.2	24.6	0.91
F32	14 May 2024	6	14.79	94.15	8.7	33.35	8.2	24.7	1.25
F32	14 May 2024	7	14.28	93.24	8.8	33.34	8.2	24.8	1.28
F32	14 May 2024	8	14.16	93.20	8.6	33.34	8.1	24.9	1.52
F32	14 May 2024	9	13.94	92.67	8.2	33.34	8.1	24.9	1.83
F32	14 May 2024	10	13.62	91.85	7.8	33.34	8.1	25.0	1.95
F32	14 May 2024	11	13.21	91.97	7.4	33.36	8.1	25.1	2.78
F32	14 May 2024	12	12.93	92.48	6.9	33.41	8.0	25.2	3.21
F32	14 May 2024	13	12.82	92.09	6.5	33.42	8.0	25.2	2.76

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F32	14 May 2024	14	12.68	92.92	6.1	33.43	8.0	25.2	2.70
F32	14 May 2024	15	12.47	93.61	5.8	33.44	7.9	25.3	2.22
F32	14 May 2024	16	12.14	94.81	5.5	33.47	7.9	25.4	1.90
F32	14 May 2024	17	11.78	95.17	5.2	33.49	7.9	25.5	2.70
F32	14 May 2024	18	11.41	93.21	5.0	33.52	7.8	25.5	2.59
F32	14 May 2024	19	11.25	93.73	5.0	33.52	7.8	25.6	1.73
F32	14 May 2024	20	11.19	95.84	5.0	33.52	7.8	25.6	1.34
F32	14 May 2024	21	11.17	97.23	4.9	33.53	7.8	25.6	0.97
F32	14 May 2024	22	11.09	97.68	4.9	33.54	7.8	25.6	0.80
F32	14 May 2024	23	11.02	98.04	4.9	33.55	7.8	25.6	0.72
F32	14 May 2024	24	10.99	98.29	4.9	33.55	7.8	25.7	0.66
F32	14 May 2024	25	10.98	98.51	4.9	33.55	7.8	25.7	0.64
F32	14 May 2024	26	10.96	98.55	4.9	33.56	7.8	25.7	0.60
F32	14 May 2024	27	10.92	98.49	4.8	33.57	7.8	25.7	0.62
F32	14 May 2024	28	10.81	98.62	4.8	33.58	7.8	25.7	0.53
F32	14 May 2024	29	10.72	98.85	4.8	33.60	7.8	25.7	0.49
F32	14 May 2024	30	10.68	99.03	4.8	33.60	7.8	25.7	0.48
F32	14 May 2024	31	10.64	99.09	4.8	33.62	7.8	25.8	0.47
F32	14 May 2024	32	10.59	99.12	4.7	33.64	7.8	25.8	0.44
F32	14 May 2024	33	10.58	99.05	4.7	33.64	7.8	25.8	0.40
F32	14 May 2024	34	10.51	99.05	4.7	33.66	7.8	25.8	0.38
F32	14 May 2024	35	10.43	99.11	4.6	33.68	7.8	25.8	0.37
F32	14 May 2024	36	10.42	99.18	4.4	33.70	7.8	25.9	0.39
F32	14 May 2024	37	10.44	99.14	4.2	33.74	7.8	25.9	0.46
F32	14 May 2024	38	10.46	98.65	3.9	33.76	7.7	25.9	0.57
F32	14 May 2024	39	10.46	98.01	3.7	33.76	7.7	25.9	0.64
F32	14 May 2024	40	10.47	97.79	3.6	33.77	7.7	25.9	0.67
F32	14 May 2024	41	10.47	97.56	3.5	33.77	7.7	25.9	0.70
F32	14 May 2024	42	10.47	97.45	3.4	33.78	7.7	25.9	0.71
F32	14 May 2024	43	10.47	97.36	3.4	33.78	7.7	25.9	0.70
F32	14 May 2024	44	10.46	97.35	3.4	33.78	7.7	25.9	0.67
F32	14 May 2024	45	10.41	97.32	3.4	33.79	7.7	25.9	0.62
F32	14 May 2024	46	10.38	97.43	3.4	33.79	7.7	25.9	0.56
F32	14 May 2024	47	10.36	97.56	3.4	33.80	7.7	26.0	0.50
F32	14 May 2024	48	10.26	97.62	3.4	33.82	7.7	26.0	0.42
F32	14 May 2024	49	10.21	97.92	3.5	33.83	7.7	26.0	0.34
F32	14 May 2024	50	10.21	98.38	3.5	33.83	7.7	26.0	0.30
F32	14 May 2024	51	10.20	98.51	3.5	33.83	7.7	26.0	0.28
F32	14 May 2024	52	10.19	98.59	3.5	33.84	7.7	26.0	0.26
F32	14 May 2024	53	10.17	98.65	3.6	33.85	7.7	26.0	0.24
F32	14 May 2024	54	10.17	98.83	3.6	33.85	7.7	26.0	0.24
F32	14 May 2024	55	10.16	98.95	3.6	33.85	7.7	26.0	0.22
F32	14 May 2024	56	10.15	98.95	3.6	33.85	7.7	26.0	0.22
F32	14 May 2024	57	10.11	99.04	3.7	33.86	7.7	26.0	0.20
F32	14 May 2024	58	10.05	99.33	3.8	33.87	7.7	26.1	0.17
F32	14 May 2024	59	10.01	99.53	3.8	33.88	7.8	26.1	0.15
F32	14 May 2024	60	9.99	99.59	3.8	33.89	7.8	26.1	0.15
F32	14 May 2024	61	9.99	99.51	3.7	33.89	7.7	26.1	0.14
F32	14 May 2024	62	10.00	99.50	3.7	33.90	7.7	26.1	0.15
F32	14 May 2024	63	10.00	99.37	3.6	33.90	7.7	26.1	0.15
F32	14 May 2024	64	10.00	99.20	3.6	33.91	7.7	26.1	0.15
F32	14 May 2024	65	10.00	99.11	3.5	33.91	7.7	26.1	0.18
F32	14 May 2024	66	10.00	99.01	3.5	33.91	7.7	26.1	0.19
F32	14 May 2024	67	10.00	98.96	3.5	33.91	7.7	26.1	0.16
F32	14 May 2024	68	10.00	98.90	3.5	33.91	7.7	26.1	0.15
F32	14 May 2024	69	10.00	98.86	3.5	33.91	7.7	26.1	0.15
F32	14 May 2024	70	10.00	98.84	3.5	33.91	7.7	26.1	0.16
F32	14 May 2024	71	10.01	98.77	3.5	33.92	7.7	26.1	0.16
F32	14 May 2024	72	10.00	98.69	3.4	33.92	7.7	26.1	0.16
F32	14 May 2024	73	10.00	98.62	3.4	33.92	7.7	26.1	0.15
F32	14 May 2024	74	10.01	98.56	3.4	33.92	7.7	26.1	0.15

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F32	14 May 2024	75	10.00	98.48	3.4	33.92	7.7	26.1	0.15
F32	14 May 2024	76	10.00	98.40	3.4	33.92	7.7	26.1	0.15
F32	14 May 2024	77	10.00	98.27	3.4	33.92	7.7	26.1	0.16
F32	14 May 2024	78	9.99	98.08	3.4	33.92	7.7	26.1	0.15
F32	14 May 2024	79	9.97	97.96	3.3	33.94	7.7	26.1	0.19
F32	14 May 2024	80	9.94	97.58	3.2	33.96	7.7	26.2	0.18
F32	14 May 2024	81	9.94	96.49	3.1	33.96	7.7	26.2	0.17
F32	14 May 2024	82	9.94	96.17	3.1	33.97	7.7	26.2	0.15
F32	14 May 2024	83	9.93	96.05	3.1	33.97	7.7	26.2	0.16
F32	14 May 2024	84	9.93	96.01	3.1	33.97	7.7	26.2	0.16
F32	14 May 2024	85	9.93	95.96	3.1	33.97	7.7	26.2	0.16
F32	14 May 2024	86	9.93	95.83	3.1	33.97	7.7	26.2	0.16
F32	14 May 2024	87	9.93	95.74	3.1	33.97	7.7	26.2	0.16
F32	14 May 2024	88	9.92	95.61	3.1	33.97	7.7	26.2	0.16
F32	14 May 2024	89	9.92	95.54	3.1	33.98	7.7	26.2	0.15
F32	14 May 2024	90	9.91	95.39	3.1	33.98	7.7	26.2	0.15
F32	14 May 2024	91	9.91	95.24	3.1	33.98	7.7	26.2	0.14
F32	14 May 2024	92	9.90	95.11	3.0	33.99	7.7	26.2	0.15
F32	14 May 2024	93	9.90	95.06	3.0	34.00	7.7	26.2	0.15
F32	14 May 2024	94	9.90	94.90	3.0	34.00	7.7	26.2	0.14
F32	14 May 2024	95	9.89	94.72	3.0	34.01	7.7	26.2	0.14
F32	14 May 2024	96	9.89	94.37	2.9	34.02	7.7	26.2	0.14
F32	14 May 2024	97	9.88	94.26	2.9	34.02	7.7	26.2	0.14
F32	14 May 2024	98	9.88	94.60	2.9	34.03	7.7	26.2	0.14
F32	14 May 2024	99	9.87	95.29	2.9	34.03	7.7	26.2	0.14
F32	14 May 2024	100	9.87	95.24	2.9	34.03	7.7	26.2	0.13
F32	14 May 2024	101	9.86	95.22	2.9	34.05	7.7	26.2	0.14
F32	14 May 2024	102	9.86	95.51	2.8	34.05	7.7	26.2	0.13
F21	16 May 2024	1	17.92	95.04	8.3	33.47	8.3	24.1	0.74
F21	16 May 2024	2	17.92	95.54	8.3	33.47	8.3	24.1	0.50
F21	16 May 2024	3	17.92	95.74	8.3	33.47	8.3	24.1	0.52
F21	16 May 2024	4	17.91	95.69	8.3	33.47	8.3	24.1	0.57
F21	16 May 2024	5	17.85	95.64	8.3	33.47	8.3	24.1	0.68
F21	16 May 2024	6	17.63	95.63	8.2	33.47	8.2	24.2	0.79
F21	16 May 2024	7	17.49	95.42	8.2	33.46	8.2	24.2	0.86
F21	16 May 2024	8	17.10	95.43	8.1	33.45	8.2	24.3	1.01
F21	16 May 2024	9	16.58	95.00	7.8	33.45	8.2	24.4	1.50
F21	16 May 2024	10	15.42	92.70	7.3	33.48	8.2	24.7	1.99
F21	16 May 2024	11	14.61	92.45	6.9	33.49	8.1	24.9	1.87
F21	16 May 2024	12	13.73	94.11	6.6	33.48	8.1	25.1	1.65
F21	16 May 2024	13	12.89	94.58	6.2	33.49	8.0	25.2	1.42
F21	16 May 2024	14	12.54	94.97	5.8	33.50	8.0	25.3	1.51
F21	16 May 2024	15	12.25	95.42	5.5	33.50	7.9	25.4	1.68
F21	16 May 2024	16	12.00	95.36	5.2	33.50	7.9	25.4	1.82
F21	16 May 2024	17	11.96	95.89	5.0	33.50	7.9	25.4	1.40
F21	16 May 2024	18	11.92	96.23	5.0	33.51	7.9	25.4	1.51
F21	16 May 2024	19	11.89	96.27	4.9	33.51	7.9	25.5	1.67
F21	16 May 2024	20	11.83	96.28	4.8	33.52	7.9	25.5	1.45
F21	16 May 2024	21	11.68	96.44	4.8	33.52	7.9	25.5	1.21
F21	16 May 2024	22	11.51	96.89	4.7	33.55	7.9	25.6	1.03
F21	16 May 2024	23	11.37	97.52	4.7	33.56	7.9	25.6	1.05
F21	16 May 2024	24	11.30	97.81	4.6	33.57	7.8	25.6	0.84
F21	16 May 2024	25	11.27	97.96	4.6	33.58	7.8	25.6	0.78
F21	16 May 2024	26	11.25	98.07	4.5	33.58	7.8	25.6	0.77
F21	16 May 2024	27	11.24	98.08	4.5	33.59	7.8	25.6	0.80
F21	16 May 2024	28	11.22	98.01	4.5	33.59	7.8	25.6	0.77
F21	16 May 2024	29	11.15	98.07	4.4	33.62	7.8	25.7	0.79
F21	16 May 2024	30	11.01	98.14	4.3	33.64	7.8	25.7	0.82
F21	16 May 2024	31	10.97	98.06	4.3	33.65	7.8	25.7	0.83
F21	16 May 2024	32	10.87	98.04	4.3	33.65	7.8	25.7	0.77

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F21	16 May 2024	33	10.78	98.21	4.4	33.66	7.8	25.8	0.71
F21	16 May 2024	34	10.76	98.46	4.4	33.65	7.8	25.8	0.62
F21	16 May 2024	35	10.63	98.66	4.5	33.66	7.8	25.8	0.54
F21	16 May 2024	36	10.59	98.93	4.5	33.65	7.8	25.8	0.47
F21	16 May 2024	37	10.49	99.03	4.5	33.67	7.8	25.8	0.39
F21	16 May 2024	38	10.42	99.23	4.5	33.69	7.8	25.9	0.38
F21	16 May 2024	39	10.39	99.33	4.5	33.70	7.8	25.9	0.32
F21	16 May 2024	40	10.38	99.39	4.4	33.70	7.8	25.9	0.36
F21	16 May 2024	41	10.35	99.38	4.4	33.71	7.8	25.9	0.32
F21	16 May 2024	42	10.31	99.38	4.4	33.73	7.8	25.9	0.31
F21	16 May 2024	43	10.28	99.37	4.2	33.76	7.8	25.9	0.32
F21	16 May 2024	44	10.26	99.28	4.1	33.77	7.8	26.0	0.33
F21	16 May 2024	45	10.24	99.11	4.0	33.79	7.8	26.0	0.33
F21	16 May 2024	46	10.24	98.99	3.8	33.80	7.8	26.0	0.34
F21	16 May 2024	47	10.24	98.82	3.7	33.80	7.8	26.0	0.34
F21	16 May 2024	48	10.22	98.69	3.7	33.81	7.8	26.0	0.34
F21	16 May 2024	49	10.21	98.63	3.6	33.82	7.8	26.0	0.33
F21	16 May 2024	50	10.20	98.40	3.4	33.83	7.8	26.0	0.35
F21	16 May 2024	51	10.17	98.06	3.3	33.84	7.8	26.0	0.32
F21	16 May 2024	52	10.16	97.80	3.3	33.85	7.7	26.0	0.29
F21	16 May 2024	53	10.14	97.75	3.3	33.85	7.7	26.0	0.27
F21	16 May 2024	54	10.13	97.95	3.4	33.86	7.8	26.0	0.25
F21	16 May 2024	55	10.12	98.23	3.4	33.86	7.8	26.0	0.23
F21	16 May 2024	56	10.12	98.27	3.4	33.86	7.8	26.0	0.22
F21	16 May 2024	57	10.12	98.38	3.4	33.86	7.8	26.0	0.22
F21	16 May 2024	58	10.12	98.47	3.4	33.86	7.8	26.0	0.21
F21	16 May 2024	59	10.11	98.51	3.4	33.87	7.8	26.0	0.21
F21	16 May 2024	60	10.11	98.60	3.5	33.87	7.8	26.0	0.21
F21	16 May 2024	61	10.11	98.71	3.5	33.87	7.8	26.1	0.19
F21	16 May 2024	62	10.10	98.75	3.5	33.87	7.8	26.1	0.19
F21	16 May 2024	63	10.10	98.74	3.5	33.87	7.8	26.1	0.18
F21	16 May 2024	64	10.09	98.81	3.5	33.88	7.8	26.1	0.18
F21	16 May 2024	65	10.08	98.88	3.5	33.88	7.8	26.1	0.17
F21	16 May 2024	66	10.05	98.88	3.4	33.89	7.8	26.1	0.16
F21	16 May 2024	67	10.00	98.57	3.4	33.90	7.8	26.1	0.14
F21	16 May 2024	68	9.99	97.91	3.3	33.90	7.8	26.1	0.14
F21	16 May 2024	69	9.98	97.59	3.2	33.90	7.8	26.1	0.13
F21	16 May 2024	70	9.98	97.35	3.2	33.90	7.8	26.1	0.12
F21	16 May 2024	71	9.98	97.20	3.2	33.90	7.8	26.1	0.12
F21	16 May 2024	72	9.97	97.36	3.2	33.91	7.8	26.1	0.12
F21	16 May 2024	73	9.95	97.51	3.2	33.91	7.8	26.1	0.12
F21	16 May 2024	74	9.94	97.23	3.1	33.92	7.7	26.1	0.12
F21	16 May 2024	75	9.93	96.84	3.1	33.93	7.7	26.1	0.11
F21	16 May 2024	76	9.93	96.39	3.0	33.93	7.7	26.1	0.11
F21	16 May 2024	77	9.93	95.75	3.0	33.93	7.7	26.1	0.11
F21	16 May 2024	78	9.92	95.01	2.9	33.94	7.7	26.1	0.11
F21	16 May 2024	79	9.92	93.92	2.9	33.94	7.7	26.1	0.11
F21	16 May 2024	80	9.91	92.57	2.9	33.94	7.7	26.1	0.12
F21	16 May 2024	81	9.91	91.89	2.8	33.95	7.7	26.1	0.11
F21	16 May 2024	82	9.91	91.56	2.8	33.95	7.7	26.1	0.11
F21	16 May 2024	83	9.91	91.41	2.8	33.95	7.7	26.1	0.11
F21	16 May 2024	84	9.91	53.95	2.8	33.95	7.7	26.1	0.12
F10	15 May 2024	1	17.74	93.83	8.4	33.47	8.2	24.2	1.05
F10	15 May 2024	2	17.74	94.00	8.4	33.47	8.2	24.2	1.13
F10	15 May 2024	3	17.73	93.99	8.4	33.47	8.2	24.2	1.20
F10	15 May 2024	4	17.72	93.74	8.4	33.47	8.2	24.2	1.28
F10	15 May 2024	5	17.45	93.56	8.3	33.47	8.2	24.2	1.24
F10	15 May 2024	6	16.78	92.42	7.9	33.46	8.2	24.4	1.52
F10	15 May 2024	7	15.06	90.56	7.6	33.49	8.1	24.8	2.21
F10	15 May 2024	8	14.52	90.89	7.4	33.48	8.1	24.9	2.38

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F10	15 May 2024	9	14.07	91.94	7.2	33.48	8.1	25.0	2.27
F10	15 May 2024	10	13.64	92.70	7.0	33.49	8.1	25.1	2.06
F10	15 May 2024	11	13.36	93.36	6.7	33.49	8.0	25.2	1.98
F10	15 May 2024	12	13.14	93.44	6.5	33.50	8.0	25.2	1.88
F10	15 May 2024	13	12.74	93.55	6.2	33.50	8.0	25.3	2.25
F10	15 May 2024	14	12.72	93.62	5.9	33.50	8.0	25.3	2.03
F10	15 May 2024	15	11.96	94.81	5.4	33.55	7.9	25.5	1.53
F10	15 May 2024	16	11.89	95.78	5.0	33.58	7.9	25.5	1.37
F10	15 May 2024	17	11.88	95.97	4.9	33.58	7.9	25.5	1.48
F10	15 May 2024	18	11.84	95.91	4.8	33.59	7.9	25.5	1.57
F10	15 May 2024	19	11.76	96.00	4.8	33.60	7.9	25.6	1.32
F10	15 May 2024	20	11.72	95.93	4.7	33.61	7.9	25.6	1.45
F10	15 May 2024	21	11.70	95.99	4.7	33.62	7.8	25.6	1.33
F10	15 May 2024	22	11.70	96.07	4.6	33.62	7.8	25.6	1.22
F10	15 May 2024	23	11.51	96.04	4.5	33.63	7.8	25.6	1.14
F10	15 May 2024	24	11.44	96.16	4.4	33.64	7.8	25.6	1.19
F10	15 May 2024	25	11.42	96.21	4.3	33.64	7.8	25.6	1.10
F10	15 May 2024	26	11.17	96.44	4.2	33.67	7.8	25.7	1.03
F10	15 May 2024	27	11.09	96.65	4.1	33.68	7.8	25.7	1.10
F10	15 May 2024	28	11.07	96.60	4.0	33.68	7.8	25.7	0.95
F10	15 May 2024	29	10.91	96.26	4.0	33.71	7.8	25.8	0.93
F10	15 May 2024	30	10.83	94.88	3.9	33.72	7.8	25.8	0.86
F10	15 May 2024	31	10.74	96.25	3.8	33.72	7.8	25.8	0.77
F10	15 May 2024	32	10.66	96.76	3.8	33.73	7.8	25.8	0.78
F10	15 May 2024	33	10.67	97.17	3.7	33.73	7.8	25.8	0.76
F10	15 May 2024	34	10.63	97.12	3.7	33.74	7.8	25.9	0.73
F10	15 May 2024	35	10.61	96.80	3.7	33.75	7.8	25.9	0.76
F10	15 May 2024	36	10.57	96.28	3.7	33.76	7.8	25.9	0.72
F10	15 May 2024	37	10.56	96.10	3.7	33.76	7.8	25.9	0.71
F10	15 May 2024	38	10.51	96.24	3.6	33.76	7.8	25.9	0.72
F10	15 May 2024	39	10.46	96.20	3.6	33.77	7.8	25.9	0.69
F10	15 May 2024	40	10.42	96.40	3.6	33.78	7.8	25.9	0.65
F10	15 May 2024	41	10.39	96.66	3.6	33.78	7.8	25.9	0.63
F10	15 May 2024	42	10.39	96.73	3.6	33.78	7.8	25.9	0.62
F10	15 May 2024	43	10.39	96.78	3.6	33.78	7.8	25.9	0.60
F10	15 May 2024	44	10.38	96.77	3.6	33.78	7.8	25.9	0.64
F10	15 May 2024	45	10.38	96.75	3.6	33.78	7.8	25.9	0.60
F10	15 May 2024	46	10.36	96.91	3.6	33.79	7.8	25.9	0.57
F10	15 May 2024	47	10.36	96.86	3.6	33.79	7.8	25.9	0.56
F10	15 May 2024	48	10.35	96.88	3.5	33.79	7.8	25.9	0.57
F10	15 May 2024	49	10.31	96.82	3.5	33.80	7.8	26.0	0.52
F10	15 May 2024	50	10.28	96.89	3.5	33.80	7.8	26.0	0.47
F10	15 May 2024	51	10.26	97.47	3.5	33.81	7.7	26.0	0.43
F10	15 May 2024	52	10.25	97.72	3.5	33.81	7.7	26.0	0.40
F10	15 May 2024	53	10.21	97.66	3.4	33.82	7.7	26.0	0.40
F10	15 May 2024	54	10.20	97.40	3.4	33.82	7.7	26.0	0.35
F10	15 May 2024	55	10.18	96.75	3.4	33.83	7.7	26.0	0.31
F10	15 May 2024	56	10.17	96.29	3.3	33.83	7.7	26.0	0.29
F10	15 May 2024	57	10.16	96.79	3.3	33.83	7.7	26.0	0.29
F10	15 May 2024	58	10.14	96.46	3.3	33.84	7.7	26.0	0.27
F10	15 May 2024	59	10.14	95.88	3.3	33.84	7.7	26.0	0.26
F10	15 May 2024	60	10.12	94.92	3.2	33.85	7.7	26.0	0.25
F10	15 May 2024	61	10.09	92.25	3.2	33.86	7.7	26.0	0.24
F10	15 May 2024	62	10.11	91.30	3.2	33.85	7.7	26.0	0.24
F33	14 May 2024	1	17.66	96.34	8.4	33.46	8.2	24.2	0.42
F33	14 May 2024	2	17.65	96.09	8.4	33.46	8.2	24.2	0.43
F33	14 May 2024	3	17.64	95.98	8.3	33.46	8.2	24.2	0.47
F33	14 May 2024	4	17.55	95.93	8.3	33.46	8.2	24.2	0.51
F33	14 May 2024	5	17.06	95.83	8.2	33.44	8.2	24.3	0.64
F33	14 May 2024	6	15.77	95.59	8.3	33.40	8.2	24.6	0.85

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F33	14 May 2024	7	14.32	94.52	8.7	33.37	8.2	24.9	1.06
F33	14 May 2024	8	14.04	94.15	8.5	33.35	8.1	24.9	1.29
F33	14 May 2024	9	13.95	93.74	8.2	33.35	8.1	24.9	1.51
F33	14 May 2024	10	13.77	93.44	7.9	33.35	8.1	25.0	1.61
F33	14 May 2024	11	13.20	93.32	7.5	33.37	8.1	25.1	2.13
F33	14 May 2024	12	12.94	92.72	7.0	33.41	8.0	25.2	3.07
F33	14 May 2024	13	12.78	91.34	6.6	33.42	8.0	25.2	2.84
F33	14 May 2024	14	12.66	91.98	6.3	33.43	8.0	25.2	2.25
F33	14 May 2024	15	12.42	93.65	6.0	33.44	7.9	25.3	1.69
F33	14 May 2024	16	12.37	95.01	5.6	33.46	7.9	25.3	1.35
F33	14 May 2024	17	12.19	96.00	5.4	33.47	7.9	25.4	1.12
F33	14 May 2024	18	11.79	96.44	5.2	33.49	7.9	25.5	1.65
F33	14 May 2024	19	11.57	95.00	5.0	33.51	7.8	25.5	3.73
F33	14 May 2024	20	11.37	91.40	4.9	33.52	7.8	25.6	3.89
F33	14 May 2024	21	11.16	92.18	4.9	33.53	7.8	25.6	2.33
F33	14 May 2024	22	11.02	95.23	4.9	33.55	7.8	25.6	1.50
F33	14 May 2024	23	10.97	97.10	4.8	33.56	7.8	25.7	1.03
F33	14 May 2024	24	10.96	97.77	4.8	33.57	7.8	25.7	0.92
F33	14 May 2024	25	10.93	98.09	4.8	33.58	7.8	25.7	0.80
F33	14 May 2024	26	10.84	98.26	4.8	33.59	7.8	25.7	0.64
F33	14 May 2024	27	10.73	98.58	4.8	33.61	7.8	25.7	0.53
F33	14 May 2024	28	10.71	98.91	4.8	33.61	7.8	25.7	0.58
F33	14 May 2024	29	10.69	98.97	4.8	33.61	7.8	25.8	0.50
F33	14 May 2024	30	10.64	99.10	4.7	33.62	7.8	25.8	0.48
F33	14 May 2024	31	10.58	99.03	4.7	33.63	7.8	25.8	0.45
F33	14 May 2024	32	10.55	99.06	4.7	33.64	7.8	25.8	0.42
F33	14 May 2024	33	10.53	99.15	4.7	33.64	7.8	25.8	0.39
F33	14 May 2024	34	10.50	99.20	4.7	33.65	7.8	25.8	0.39
F33	14 May 2024	35	10.49	99.20	4.7	33.65	7.8	25.8	0.40
F33	14 May 2024	36	10.46	99.23	4.6	33.67	7.8	25.8	0.39
F33	14 May 2024	37	10.40	99.18	4.5	33.70	7.8	25.9	0.38
F33	14 May 2024	38	10.37	99.12	4.2	33.74	7.8	25.9	0.45
F33	14 May 2024	39	10.38	98.91	3.9	33.77	7.8	25.9	0.53
F33	14 May 2024	40	10.39	98.61	3.7	33.77	7.7	25.9	0.54
F33	14 May 2024	41	10.39	98.17	3.6	33.77	7.7	25.9	0.53
F33	14 May 2024	42	10.39	98.07	3.6	33.77	7.7	25.9	0.53
F33	14 May 2024	43	10.39	98.04	3.6	33.78	7.7	25.9	0.53
F33	14 May 2024	44	10.39	97.99	3.5	33.78	7.7	25.9	0.57
F33	14 May 2024	45	10.39	97.91	3.5	33.78	7.7	25.9	0.53
F33	14 May 2024	46	10.39	97.84	3.5	33.78	7.7	25.9	0.54
F33	14 May 2024	47	10.39	97.76	3.5	33.78	7.7	25.9	0.53
F33	14 May 2024	48	10.37	97.69	3.4	33.79	7.7	25.9	0.52
F33	14 May 2024	49	10.34	97.66	3.4	33.80	7.7	26.0	0.49
F33	14 May 2024	50	10.27	97.65	3.3	33.82	7.7	26.0	0.43
F33	14 May 2024	51	10.20	97.69	3.3	33.83	7.7	26.0	0.36
F33	14 May 2024	52	10.14	97.83	3.3	33.85	7.7	26.0	0.30
F33	14 May 2024	53	10.08	97.99	3.4	33.87	7.7	26.1	0.25
F33	14 May 2024	54	10.06	98.27	3.4	33.88	7.7	26.1	0.22
F33	14 May 2024	55	10.06	98.66	3.4	33.89	7.7	26.1	0.20
F33	14 May 2024	56	10.06	98.78	3.5	33.89	7.7	26.1	0.19
F33	14 May 2024	57	10.05	99.01	3.5	33.89	7.7	26.1	0.18
F33	14 May 2024	58	10.03	99.20	3.6	33.89	7.7	26.1	0.17
F33	14 May 2024	59	10.01	99.29	3.6	33.90	7.7	26.1	0.17
F33	14 May 2024	60	9.98	99.28	3.6	33.90	7.7	26.1	0.16
F33	14 May 2024	61	9.94	99.32	3.6	33.91	7.7	26.1	0.16
F33	14 May 2024	62	9.91	99.41	3.7	33.92	7.7	26.1	0.15
F33	14 May 2024	63	9.90	99.47	3.7	33.92	7.7	26.1	0.14
F33	14 May 2024	64	9.90	99.48	3.7	33.92	7.7	26.1	0.14
F33	14 May 2024	65	9.90	99.39	3.6	33.92	7.7	26.1	0.14
F33	14 May 2024	66	9.90	99.41	3.5	33.93	7.7	26.1	0.14
F33	14 May 2024	67	9.89	99.26	3.5	33.94	7.7	26.1	0.14

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F33	14 May 2024	68	9.88	98.85	3.5	33.95	7.7	26.2	0.15
F33	14 May 2024	69	9.90	98.96	3.3	33.96	7.7	26.2	0.15
F33	14 May 2024	70	9.90	98.71	3.3	33.97	7.7	26.2	0.15
F33	14 May 2024	71	9.90	98.01	3.3	33.97	7.7	26.2	0.15
F33	14 May 2024	72	9.89	97.68	3.3	33.97	7.7	26.2	0.15
F33	14 May 2024	73	9.88	97.42	3.3	33.97	7.7	26.2	0.15
F33	14 May 2024	74	9.88	97.72	3.3	33.96	7.7	26.2	0.15
F33	14 May 2024	75	9.89	98.05	3.3	33.97	7.7	26.2	0.15
F33	14 May 2024	76	9.89	98.03	3.3	33.97	7.7	26.2	0.14
F33	14 May 2024	77	9.88	97.94	3.3	33.97	7.7	26.2	0.15
F33	14 May 2024	78	9.89	97.95	3.3	33.97	7.7	26.2	0.15
F33	14 May 2024	79	9.90	98.01	3.2	33.97	7.7	26.2	0.15
F33	14 May 2024	80	9.89	97.85	3.2	33.97	7.7	26.2	0.15
F33	14 May 2024	81	9.90	97.78	3.2	33.97	7.7	26.2	0.15
F33	14 May 2024	82	9.91	97.69	3.2	33.97	7.7	26.2	0.16
F33	14 May 2024	83	9.90	97.66	3.2	33.97	7.7	26.2	0.15
F33	14 May 2024	84	9.90	97.64	3.2	33.98	7.7	26.2	0.16
F33	14 May 2024	85	9.90	97.53	3.1	33.99	7.7	26.2	0.15
F33	14 May 2024	86	9.90	97.19	3.1	33.99	7.7	26.2	0.15
F33	14 May 2024	87	9.89	97.02	3.1	33.99	7.7	26.2	0.15
F33	14 May 2024	88	9.89	96.88	3.1	33.99	7.7	26.2	0.15
F33	14 May 2024	89	9.89	96.86	3.1	33.99	7.7	26.2	0.15
F33	14 May 2024	90	9.89	96.82	3.1	33.99	7.7	26.2	0.15
F33	14 May 2024	91	9.89	96.68	3.1	34.00	7.7	26.2	0.15
F33	14 May 2024	92	9.89	96.61	3.1	33.99	7.7	26.2	0.16
F33	14 May 2024	93	9.89	96.33	3.1	33.99	7.7	26.2	0.15
F33	14 May 2024	94	9.89	95.81	3.0	34.00	7.7	26.2	0.15
F33	14 May 2024	95	9.89	96.44	3.0	34.00	7.7	26.2	0.15
F33	14 May 2024	96	9.89	96.41	3.0	34.00	7.7	26.2	0.15
F33	14 May 2024	97	9.88	96.07	3.0	34.01	7.7	26.2	0.17
F33	14 May 2024	98	9.88	95.39	3.0	34.02	7.7	26.2	0.15
F33	14 May 2024	99	9.88	95.51	3.0	34.02	7.7	26.2	0.15
F33	14 May 2024	100	9.87	95.04	2.9	34.02	7.7	26.2	0.15
F33	14 May 2024	101	9.88	94.90	2.9	34.02	7.7	26.2	0.15
F22	16 May 2024	1	17.88	89.71	8.3	33.48	8.3	24.1	0.52
F22	16 May 2024	2	17.88	95.61	8.3	33.48	8.3	24.1	0.56
F22	16 May 2024	3	17.87	95.84	8.3	33.48	8.3	24.1	0.57
F22	16 May 2024	4	17.83	95.85	8.2	33.48	8.3	24.1	0.62
F22	16 May 2024	5	17.66	95.54	8.2	33.47	8.2	24.2	0.73
F22	16 May 2024	6	17.48	95.31	8.2	33.47	8.2	24.2	0.82
F22	16 May 2024	7	17.19	95.35	8.1	33.47	8.2	24.3	0.90
F22	16 May 2024	8	16.82	95.41	7.8	33.47	8.2	24.4	1.19
F22	16 May 2024	9	15.69	94.50	7.4	33.50	8.2	24.7	1.78
F22	16 May 2024	10	14.94	92.89	7.0	33.50	8.1	24.8	2.06
F22	16 May 2024	11	14.48	92.36	6.7	33.50	8.1	24.9	1.97
F22	16 May 2024	12	13.79	92.84	6.5	33.51	8.1	25.1	1.84
F22	16 May 2024	13	13.13	93.42	6.3	33.50	8.0	25.2	1.74
F22	16 May 2024	14	12.99	94.94	6.2	33.50	8.0	25.2	1.59
F22	16 May 2024	15	12.90	95.26	5.9	33.50	8.0	25.3	1.70
F22	16 May 2024	16	12.49	95.16	5.7	33.53	8.0	25.4	1.87
F22	16 May 2024	17	12.23	94.45	5.4	33.53	7.9	25.4	1.74
F22	16 May 2024	18	12.13	94.71	5.2	33.53	7.9	25.4	1.71
F22	16 May 2024	19	12.07	95.26	5.1	33.54	7.9	25.4	1.39
F22	16 May 2024	20	12.02	95.44	5.0	33.54	7.9	25.5	1.51
F22	16 May 2024	21	11.94	95.72	5.0	33.55	7.9	25.5	1.62
F22	16 May 2024	22	11.84	96.09	4.9	33.55	7.9	25.5	1.50
F22	16 May 2024	23	11.70	95.98	4.8	33.56	7.9	25.5	1.27
F22	16 May 2024	24	11.63	96.28	4.7	33.57	7.9	25.5	1.33
F22	16 May 2024	25	11.53	96.67	4.6	33.58	7.9	25.6	1.29
F22	16 May 2024	26	11.43	96.82	4.5	33.58	7.8	25.6	1.03

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F22	16 May 2024	27	11.29	97.27	4.5	33.61	7.8	25.6	0.97
F22	16 May 2024	28	11.23	97.55	4.4	33.62	7.8	25.7	0.90
F22	16 May 2024	29	11.16	97.85	4.3	33.63	7.8	25.7	0.87
F22	16 May 2024	30	11.11	97.79	4.2	33.65	7.8	25.7	0.90
F22	16 May 2024	31	11.01	97.91	4.2	33.67	7.8	25.7	0.83
F22	16 May 2024	32	10.90	98.02	4.2	33.67	7.8	25.8	0.80
F22	16 May 2024	33	10.83	98.22	4.2	33.67	7.8	25.8	0.75
F22	16 May 2024	34	10.74	98.28	4.3	33.67	7.8	25.8	0.67
F22	16 May 2024	35	10.60	98.39	4.4	33.67	7.8	25.8	0.57
F22	16 May 2024	36	10.52	98.67	4.5	33.67	7.8	25.8	0.48
F22	16 May 2024	37	10.49	99.09	4.5	33.68	7.8	25.8	0.41
F22	16 May 2024	38	10.48	99.24	4.5	33.68	7.8	25.8	0.39
F22	16 May 2024	39	10.46	98.98	4.5	33.68	7.8	25.8	0.35
F22	16 May 2024	40	10.43	99.28	4.5	33.69	7.8	25.9	0.34
F22	16 May 2024	41	10.41	99.31	4.5	33.70	7.8	25.9	0.35
F22	16 May 2024	42	10.38	99.25	4.4	33.71	7.8	25.9	0.31
F22	16 May 2024	43	10.33	99.21	4.4	33.73	7.8	25.9	0.31
F22	16 May 2024	44	10.30	99.38	4.3	33.74	7.8	25.9	0.32
F22	16 May 2024	45	10.27	99.36	4.2	33.76	7.8	25.9	0.31
F22	16 May 2024	46	10.25	99.26	4.2	33.77	7.8	25.9	0.31
F22	16 May 2024	47	10.24	99.23	4.1	33.78	7.8	26.0	0.31
F22	16 May 2024	48	10.24	99.28	4.0	33.79	7.8	26.0	0.32
F22	16 May 2024	49	10.24	99.09	3.9	33.80	7.8	26.0	0.33
F22	16 May 2024	50	10.24	98.84	3.7	33.80	7.8	26.0	0.34
F22	16 May 2024	51	10.22	98.55	3.6	33.82	7.8	26.0	0.36
F22	16 May 2024	52	10.20	98.10	3.5	33.83	7.8	26.0	0.35
F22	16 May 2024	53	10.19	97.81	3.4	33.83	7.8	26.0	0.33
F22	16 May 2024	54	10.17	97.67	3.3	33.84	7.8	26.0	0.32
F22	16 May 2024	55	10.15	97.85	3.3	33.85	7.7	26.0	0.31
F22	16 May 2024	56	10.14	97.80	3.2	33.85	7.7	26.0	0.29
F22	16 May 2024	57	10.12	97.74	3.2	33.86	7.7	26.0	0.28
F22	16 May 2024	58	10.11	97.69	3.2	33.86	7.7	26.0	0.29
F22	16 May 2024	59	10.08	97.73	3.3	33.88	7.7	26.1	0.24
F22	16 May 2024	60	10.07	98.12	3.4	33.88	7.8	26.1	0.22
F22	16 May 2024	61	10.06	98.55	3.4	33.88	7.8	26.1	0.20
F22	16 May 2024	62	10.04	98.62	3.5	33.89	7.8	26.1	0.18
F22	16 May 2024	63	10.03	98.88	3.5	33.90	7.8	26.1	0.16
F22	16 May 2024	64	10.02	98.99	3.5	33.90	7.8	26.1	0.16
F22	16 May 2024	65	10.02	98.93	3.5	33.90	7.8	26.1	0.15
F22	16 May 2024	66	9.99	98.80	3.4	33.91	7.8	26.1	0.15
F22	16 May 2024	67	9.98	98.54	3.4	33.92	7.8	26.1	0.14
F22	16 May 2024	68	9.97	98.25	3.3	33.92	7.8	26.1	0.14
F22	16 May 2024	69	9.96	97.95	3.3	33.93	7.8	26.1	0.14
F22	16 May 2024	70	9.95	97.68	3.2	33.93	7.8	26.1	0.14
F22	16 May 2024	71	9.94	97.31	3.2	33.94	7.8	26.1	0.14
F22	16 May 2024	72	9.94	97.13	3.2	33.94	7.8	26.1	0.13
F22	16 May 2024	73	9.93	96.97	3.2	33.95	7.8	26.1	0.13
F22	16 May 2024	74	9.93	96.64	3.1	33.95	7.7	26.1	0.14
F22	16 May 2024	75	9.93	96.38	3.1	33.95	7.7	26.1	0.14
F22	16 May 2024	76	9.92	96.29	3.1	33.95	7.7	26.1	0.13
F22	16 May 2024	77	9.92	95.93	3.1	33.96	7.7	26.2	0.13
F22	16 May 2024	78	9.92	95.48	3.1	33.96	7.7	26.2	0.14
F22	16 May 2024	79	9.92	95.45	3.0	33.96	7.7	26.2	0.14
F22	16 May 2024	80	9.91	95.54	3.0	33.97	7.7	26.2	0.13
F22	16 May 2024	81	9.91	93.66	3.0	33.98	7.7	26.2	0.14
F22	16 May 2024	82	9.92	85.59	3.0	33.97	7.7	26.2	0.15
F11	15 May 2024	1	17.81	93.87	8.2	33.47	8.2	24.1	1.07
F11	15 May 2024	2	17.81	94.19	8.2	33.47	8.2	24.1	1.07
F11	15 May 2024	3	17.80	94.23	8.3	33.47	8.2	24.1	1.09
F11	15 May 2024	4	17.73	94.26	8.3	33.47	8.2	24.2	1.11

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F11	15 May 2024	5	17.59	94.13	8.3	33.47	8.2	24.2	1.14
F11	15 May 2024	6	17.45	93.44	8.2	33.46	8.2	24.2	1.27
F11	15 May 2024	7	16.23	92.49	8.0	33.47	8.2	24.5	1.54
F11	15 May 2024	8	15.43	92.35	7.9	33.47	8.2	24.7	1.68
F11	15 May 2024	9	14.81	92.76	7.7	33.48	8.1	24.8	1.72
F11	15 May 2024	10	14.22	93.21	7.4	33.49	8.1	25.0	1.84
F11	15 May 2024	11	13.69	93.57	7.0	33.48	8.1	25.1	1.93
F11	15 May 2024	12	12.73	93.05	6.4	33.50	8.0	25.3	2.04
F11	15 May 2024	13	12.55	93.55	5.9	33.52	8.0	25.3	1.85
F11	15 May 2024	14	12.43	94.28	5.7	33.52	7.9	25.4	1.73
F11	15 May 2024	15	12.36	94.58	5.6	33.53	7.9	25.4	1.59
F11	15 May 2024	16	12.34	94.94	5.5	33.53	7.9	25.4	1.64
F11	15 May 2024	17	12.32	94.77	5.4	33.54	7.9	25.4	1.70
F11	15 May 2024	18	12.33	95.06	5.4	33.55	7.9	25.4	1.55
F11	15 May 2024	19	12.29	95.16	5.3	33.55	7.9	25.4	1.45
F11	15 May 2024	20	12.26	94.71	5.3	33.55	7.9	25.4	1.53
F11	15 May 2024	21	12.23	94.84	5.3	33.55	7.9	25.4	1.65
F11	15 May 2024	22	12.22	95.29	5.2	33.56	7.9	25.4	1.36
F11	15 May 2024	23	12.21	95.49	5.2	33.56	7.9	25.4	1.37
F11	15 May 2024	24	11.98	95.69	5.0	33.60	7.9	25.5	1.45
F11	15 May 2024	25	11.81	95.62	4.8	33.62	7.9	25.6	1.21
F11	15 May 2024	26	11.71	95.75	4.7	33.63	7.8	25.6	1.34
F11	15 May 2024	27	11.67	96.07	4.6	33.63	7.8	25.6	1.11
F11	15 May 2024	28	11.62	95.85	4.5	33.64	7.8	25.6	1.21
F11	15 May 2024	29	11.57	96.04	4.4	33.64	7.8	25.6	1.08
F11	15 May 2024	30	11.23	96.26	4.2	33.67	7.8	25.7	1.02
F11	15 May 2024	31	10.92	96.53	4.0	33.70	7.8	25.8	0.89
F11	15 May 2024	32	10.88	96.75	3.9	33.70	7.8	25.8	0.86
F11	15 May 2024	33	10.87	96.83	3.9	33.71	7.8	25.8	0.85
F11	15 May 2024	34	10.83	96.93	3.8	33.71	7.8	25.8	0.82
F11	15 May 2024	35	10.79	96.94	3.8	33.72	7.8	25.8	0.80
F11	15 May 2024	36	10.71	96.80	3.8	33.73	7.8	25.8	0.78
F11	15 May 2024	37	10.66	97.12	3.8	33.73	7.8	25.8	0.76
F11	15 May 2024	38	10.61	97.20	3.7	33.74	7.8	25.9	0.73
F11	15 May 2024	39	10.59	97.25	3.7	33.75	7.8	25.9	0.72
F11	15 May 2024	40	10.54	97.23	3.6	33.75	7.8	25.9	0.69
F11	15 May 2024	41	10.45	97.25	3.5	33.77	7.8	25.9	0.66
F11	15 May 2024	42	10.42	97.37	3.5	33.78	7.8	25.9	0.62
F11	15 May 2024	43	10.38	97.38	3.4	33.79	7.7	25.9	0.58
F11	15 May 2024	44	10.31	97.40	3.4	33.81	7.7	26.0	0.51
F11	15 May 2024	45	10.30	97.56	3.4	33.81	7.7	26.0	0.46
F11	15 May 2024	46	10.29	97.49	3.4	33.81	7.7	26.0	0.43
F11	15 May 2024	47	10.25	97.47	3.4	33.81	7.7	26.0	0.41
F11	15 May 2024	48	10.21	97.39	3.4	33.83	7.7	26.0	0.39
F11	15 May 2024	49	10.16	97.30	3.3	33.84	7.7	26.0	0.34
F11	15 May 2024	50	10.15	97.56	3.3	33.84	7.7	26.0	0.30
F11	15 May 2024	51	10.14	97.58	3.3	33.84	7.7	26.0	0.28
F11	15 May 2024	52	10.14	97.51	3.3	33.84	7.7	26.0	0.28
F11	15 May 2024	53	10.13	97.46	3.3	33.84	7.7	26.0	0.27
F11	15 May 2024	54	10.13	97.25	3.3	33.85	7.7	26.0	0.26
F11	15 May 2024	55	10.12	96.88	3.3	33.85	7.7	26.0	0.26
F11	15 May 2024	56	10.12	96.18	3.3	33.85	7.7	26.0	0.24
F11	15 May 2024	57	10.11	94.97	3.2	33.85	7.7	26.0	0.26
F11	15 May 2024	58	10.10	93.49	3.2	33.86	7.7	26.0	0.24
F11	15 May 2024	59	10.09	91.45	3.2	33.87	7.7	26.1	0.24
F11	15 May 2024	60	10.09	90.15	3.1	33.87	7.7	26.1	0.25
F11	15 May 2024	61	10.10	88.91	3.1	33.86	7.7	26.0	0.23
F34	14 May 2024	1	17.64	95.64	8.3	33.46	8.2	24.2	0.45
F34	14 May 2024	2	17.60	95.66	8.3	33.46	8.2	24.2	0.47
F34	14 May 2024	3	17.22	95.61	8.1	33.43	8.2	24.3	0.54

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F34	14 May 2024	4	15.52	95.43	8.5	33.35	8.2	24.6	0.68
F34	14 May 2024	5	14.11	94.72	8.8	33.35	8.2	24.9	0.96
F34	14 May 2024	6	13.69	94.57	8.1	33.34	8.1	25.0	1.36
F34	14 May 2024	7	13.05	93.88	7.4	33.37	8.0	25.1	1.42
F34	14 May 2024	8	13.01	93.88	7.1	33.38	8.0	25.1	1.59
F34	14 May 2024	9	12.63	93.62	7.0	33.41	8.0	25.2	1.96
F34	14 May 2024	10	12.36	92.77	6.4	33.42	8.0	25.3	1.74
F34	14 May 2024	11	12.20	94.29	6.0	33.43	7.9	25.3	1.50
F34	14 May 2024	12	12.17	95.08	5.7	33.44	7.9	25.3	1.34
F34	14 May 2024	13	11.93	95.50	5.4	33.46	7.9	25.4	1.67
F34	14 May 2024	14	11.67	95.49	5.1	33.49	7.9	25.5	1.99
F34	14 May 2024	15	11.58	94.69	4.9	33.51	7.8	25.5	2.11
F34	14 May 2024	16	11.49	94.79	4.8	33.51	7.8	25.5	1.83
F34	14 May 2024	17	11.27	96.41	4.8	33.53	7.8	25.6	1.19
F34	14 May 2024	18	11.17	97.42	4.8	33.54	7.8	25.6	1.05
F34	14 May 2024	19	11.16	97.80	4.8	33.54	7.8	25.6	0.92
F34	14 May 2024	20	11.15	97.93	4.8	33.55	7.8	25.6	0.93
F34	14 May 2024	21	11.14	97.80	4.8	33.55	7.8	25.6	0.94
F34	14 May 2024	22	11.14	97.62	4.8	33.55	7.8	25.6	0.97
F34	14 May 2024	23	11.12	97.43	4.8	33.55	7.8	25.6	1.04
F34	14 May 2024	24	11.11	97.33	4.8	33.55	7.8	25.6	1.11
F34	14 May 2024	25	11.04	97.22	4.8	33.56	7.8	25.6	1.07
F34	14 May 2024	26	10.99	97.32	4.8	33.58	7.8	25.7	0.93
F34	14 May 2024	27	10.96	97.72	4.8	33.58	7.8	25.7	0.85
F34	14 May 2024	28	10.92	98.10	4.7	33.59	7.8	25.7	0.67
F34	14 May 2024	29	10.88	98.45	4.7	33.60	7.8	25.7	0.60
F34	14 May 2024	30	10.80	98.67	4.7	33.61	7.8	25.7	0.50
F34	14 May 2024	31	10.76	98.88	4.7	33.62	7.8	25.7	0.47
F34	14 May 2024	32	10.69	98.91	4.7	33.63	7.8	25.8	0.45
F34	14 May 2024	33	10.63	98.99	4.7	33.64	7.8	25.8	0.69
F34	14 May 2024	34	10.61	99.10	4.7	33.64	7.8	25.8	0.47
F34	14 May 2024	35	10.59	99.13	4.6	33.64	7.8	25.8	0.42
F34	14 May 2024	36	10.54	99.15	4.6	33.65	7.8	25.8	0.41
F34	14 May 2024	37	10.45	99.14	4.6	33.67	7.8	25.8	0.41
F34	14 May 2024	38	10.40	99.17	4.6	33.67	7.8	25.8	0.39
F34	14 May 2024	39	10.39	99.25	4.5	33.68	7.8	25.9	0.40
F34	14 May 2024	40	10.37	99.27	4.3	33.72	7.8	25.9	0.40
F34	14 May 2024	41	10.35	99.07	4.0	33.76	7.8	25.9	0.42
F34	14 May 2024	42	10.34	98.72	3.9	33.77	7.7	25.9	0.42
F34	14 May 2024	43	10.33	98.52	3.8	33.77	7.7	25.9	0.43
F34	14 May 2024	44	10.32	98.52	3.8	33.77	7.7	25.9	0.45
F34	14 May 2024	45	10.32	98.49	3.8	33.77	7.7	25.9	0.42
F34	14 May 2024	46	10.32	98.54	3.8	33.77	7.7	25.9	0.42
F34	14 May 2024	47	10.31	98.53	3.8	33.77	7.7	25.9	0.42
F34	14 May 2024	48	10.31	98.55	3.8	33.78	7.7	25.9	0.41
F34	14 May 2024	49	10.30	98.59	3.7	33.78	7.7	25.9	0.42
F34	14 May 2024	50	10.30	98.57	3.7	33.78	7.7	26.0	0.42
F34	14 May 2024	51	10.30	98.53	3.6	33.79	7.7	26.0	0.40
F34	14 May 2024	52	10.30	98.41	3.6	33.79	7.7	26.0	0.41
F34	14 May 2024	53	10.29	98.27	3.5	33.80	7.7	26.0	0.41
F34	14 May 2024	54	10.29	98.21	3.5	33.80	7.7	26.0	0.42
F34	14 May 2024	55	10.29	98.15	3.4	33.80	7.7	26.0	0.41
F34	14 May 2024	56	10.29	98.10	3.4	33.80	7.7	26.0	0.40
F34	14 May 2024	57	10.29	97.99	3.3	33.81	7.7	26.0	0.41
F34	14 May 2024	58	10.28	97.91	3.3	33.81	7.7	26.0	0.40
F34	14 May 2024	59	10.26	97.90	3.2	33.82	7.7	26.0	0.39
F34	14 May 2024	60	10.24	97.85	3.2	33.82	7.7	26.0	0.36
F34	14 May 2024	61	10.18	97.74	3.2	33.84	7.7	26.0	0.33
F34	14 May 2024	62	10.15	97.71	3.2	33.85	7.7	26.0	0.31
F34	14 May 2024	63	10.14	97.68	3.2	33.85	7.7	26.0	0.29
F34	14 May 2024	64	10.14	97.71	3.2	33.85	7.7	26.0	0.29

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F34	14 May 2024	65	10.13	97.67	3.2	33.85	7.7	26.0	0.28
F34	14 May 2024	66	10.10	97.66	3.2	33.86	7.7	26.0	0.27
F34	14 May 2024	67	10.01	97.64	3.1	33.89	7.7	26.1	0.24
F34	14 May 2024	68	9.97	97.81	3.1	33.90	7.7	26.1	0.23
F34	14 May 2024	69	9.96	97.94	3.1	33.91	7.7	26.1	0.20
F34	14 May 2024	70	9.96	98.16	3.2	33.91	7.7	26.1	0.19
F34	14 May 2024	71	9.95	98.18	3.2	33.92	7.7	26.1	0.19
F34	14 May 2024	72	9.94	98.34	3.3	33.92	7.7	26.1	0.17
F34	14 May 2024	73	9.94	98.42	3.3	33.92	7.7	26.1	0.17
F34	14 May 2024	74	9.93	98.46	3.4	33.93	7.7	26.1	0.17
F34	14 May 2024	75	9.93	98.46	3.4	33.93	7.7	26.1	0.16
F34	14 May 2024	76	9.92	98.44	3.4	33.94	7.7	26.1	0.16
F34	14 May 2024	77	9.92	98.39	3.3	33.94	7.7	26.1	0.16
F34	14 May 2024	78	9.92	98.29	3.3	33.94	7.7	26.1	0.17
F34	14 May 2024	79	9.91	98.17	3.2	33.94	7.7	26.1	0.17
F34	14 May 2024	80	9.91	98.06	3.2	33.94	7.7	26.1	0.17
F34	14 May 2024	81	9.91	98.01	3.2	33.95	7.7	26.1	0.16
F34	14 May 2024	82	9.91	97.92	3.2	33.95	7.7	26.1	0.17
F34	14 May 2024	83	9.90	97.83	3.2	33.95	7.7	26.1	0.16
F34	14 May 2024	84	9.87	97.71	3.3	33.97	7.7	26.2	0.16
F34	14 May 2024	85	9.86	97.87	3.3	33.97	7.7	26.2	0.15
F34	14 May 2024	86	9.86	97.91	3.3	33.98	7.7	26.2	0.15
F34	14 May 2024	87	9.86	97.93	3.3	33.98	7.7	26.2	0.15
F34	14 May 2024	88	9.86	97.94	3.2	33.98	7.7	26.2	0.18
F34	14 May 2024	89	9.86	97.95	3.2	33.98	7.7	26.2	0.15
F34	14 May 2024	90	9.86	97.92	3.2	33.98	7.7	26.2	0.16
F34	14 May 2024	91	9.86	97.93	3.2	33.98	7.7	26.2	0.15
F34	14 May 2024	92	9.86	97.92	3.2	33.98	7.7	26.2	0.15
F34	14 May 2024	93	9.85	97.84	3.2	33.99	7.7	26.2	0.15
F34	14 May 2024	94	9.85	97.80	3.1	34.01	7.7	26.2	0.15
F34	14 May 2024	95	9.84	97.55	3.1	34.02	7.7	26.2	0.14
F34	14 May 2024	96	9.83	97.29	3.0	34.04	7.7	26.2	0.15
F34	14 May 2024	97	9.82	97.08	2.9	34.05	7.7	26.2	0.15
F34	14 May 2024	98	9.83	96.92	2.9	34.05	7.7	26.2	0.16
F34	14 May 2024	99	9.83	96.87	2.9	34.05	7.7	26.2	0.16
F34	14 May 2024	100	9.83	96.81	2.9	34.05	7.7	26.2	0.15
F34	14 May 2024	101	9.83	96.81	2.9	34.05	7.7	26.2	0.15
F34	14 May 2024	102	9.83	95.23	2.9	34.05	7.7	26.2	0.15
F23	16 May 2024	1	17.86	95.89	8.2	33.48	8.3	24.1	0.55
F23	16 May 2024	2	17.86	95.92	8.3	33.48	8.3	24.1	0.56
F23	16 May 2024	3	17.86	95.78	8.2	33.48	8.3	24.1	0.58
F23	16 May 2024	4	17.84	95.78	8.3	33.48	8.2	24.1	0.64
F23	16 May 2024	5	17.83	95.76	8.2	33.48	8.2	24.1	0.69
F23	16 May 2024	6	17.74	95.76	8.2	33.47	8.2	24.2	0.70
F23	16 May 2024	7	17.60	95.74	8.2	33.47	8.2	24.2	0.77
F23	16 May 2024	8	17.24	95.96	8.1	33.47	8.2	24.3	0.80
F23	16 May 2024	9	16.93	95.90	7.9	33.46	8.2	24.4	0.90
F23	16 May 2024	10	15.90	95.69	7.5	33.48	8.2	24.6	1.05
F23	16 May 2024	11	15.40	94.85	7.2	33.48	8.1	24.7	1.37
F23	16 May 2024	12	14.90	94.04	7.0	33.49	8.1	24.8	1.61
F23	16 May 2024	13	14.52	93.61	6.6	33.49	8.1	24.9	1.75
F23	16 May 2024	14	13.38	93.93	6.3	33.50	8.0	25.2	1.68
F23	16 May 2024	15	13.03	94.98	6.1	33.52	8.0	25.2	1.79
F23	16 May 2024	16	12.98	95.16	5.9	33.52	8.0	25.2	1.69
F23	16 May 2024	17	12.78	95.10	5.7	33.52	8.0	25.3	1.84
F23	16 May 2024	18	12.41	94.99	5.4	33.54	7.9	25.4	1.48
F23	16 May 2024	19	12.00	95.08	5.2	33.56	7.9	25.5	1.48
F23	16 May 2024	20	11.83	95.83	4.9	33.57	7.9	25.5	1.29
F23	16 May 2024	21	11.69	96.35	4.8	33.57	7.9	25.5	1.20
F23	16 May 2024	22	11.55	96.65	4.7	33.58	7.9	25.6	1.24

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F23	16 May 2024	23	11.44	96.89	4.5	33.60	7.8	25.6	1.15
F23	16 May 2024	24	11.31	96.95	4.5	33.61	7.8	25.6	1.08
F23	16 May 2024	25	11.29	97.36	4.4	33.61	7.8	25.6	1.06
F23	16 May 2024	26	11.24	97.51	4.4	33.61	7.8	25.7	0.91
F23	16 May 2024	27	11.20	97.09	4.4	33.61	7.8	25.7	0.84
F23	16 May 2024	28	11.19	97.74	4.4	33.62	7.8	25.7	0.84
F23	16 May 2024	29	11.14	97.81	4.3	33.63	7.8	25.7	0.83
F23	16 May 2024	30	11.11	97.85	4.3	33.64	7.8	25.7	0.83
F23	16 May 2024	31	11.07	97.85	4.2	33.66	7.8	25.7	0.82
F23	16 May 2024	32	11.02	97.84	4.2	33.67	7.8	25.7	0.80
F23	16 May 2024	33	10.97	97.89	4.1	33.68	7.8	25.8	0.79
F23	16 May 2024	34	10.91	97.95	4.1	33.68	7.8	25.8	0.91
F23	16 May 2024	35	10.81	97.97	4.1	33.69	7.8	25.8	0.73
F23	16 May 2024	36	10.66	98.17	4.2	33.70	7.8	25.8	0.67
F23	16 May 2024	37	10.61	98.44	4.2	33.69	7.8	25.8	0.65
F23	16 May 2024	38	10.58	98.46	4.3	33.69	7.8	25.8	0.58
F23	16 May 2024	39	10.53	98.54	4.3	33.69	7.8	25.8	0.57
F23	16 May 2024	40	10.49	98.71	4.4	33.70	7.8	25.8	0.50
F23	16 May 2024	41	10.40	98.94	4.4	33.70	7.8	25.9	0.43
F23	16 May 2024	42	10.36	99.05	4.4	33.71	7.8	25.9	0.35
F23	16 May 2024	43	10.31	99.20	4.4	33.73	7.8	25.9	0.32
F23	16 May 2024	44	10.29	99.34	4.3	33.74	7.8	25.9	0.30
F23	16 May 2024	45	10.28	99.37	4.3	33.75	7.8	25.9	0.28
F23	16 May 2024	46	10.26	99.35	4.3	33.75	7.8	25.9	0.31
F23	16 May 2024	47	10.26	99.31	4.2	33.76	7.8	25.9	0.31
F23	16 May 2024	48	10.24	99.31	4.2	33.77	7.8	26.0	0.28
F23	16 May 2024	49	10.24	99.33	4.1	33.78	7.8	26.0	0.29
F23	16 May 2024	50	10.25	99.24	4.0	33.79	7.8	26.0	0.32
F23	16 May 2024	51	10.24	98.91	3.8	33.80	7.8	26.0	0.32
F23	16 May 2024	52	10.23	98.28	3.6	33.82	7.8	26.0	0.34
F23	16 May 2024	53	10.20	97.56	3.4	33.83	7.8	26.0	0.34
F23	16 May 2024	54	10.20	97.25	3.3	33.83	7.7	26.0	0.34
F23	16 May 2024	55	10.16	97.34	3.3	33.85	7.7	26.0	0.32
F23	16 May 2024	56	10.13	97.30	3.2	33.85	7.7	26.0	0.31
F23	16 May 2024	57	10.11	97.35	3.2	33.86	7.7	26.0	0.28
F23	16 May 2024	58	10.09	97.47	3.2	33.87	7.7	26.1	0.25
F23	16 May 2024	59	10.07	97.47	3.2	33.87	7.7	26.1	0.23
F23	16 May 2024	60	10.06	97.54	3.1	33.88	7.7	26.1	0.22
F23	16 May 2024	61	10.04	97.52	3.1	33.88	7.7	26.1	0.21
F23	16 May 2024	62	10.03	97.59	3.1	33.89	7.7	26.1	0.19
F23	16 May 2024	63	10.01	97.62	3.1	33.90	7.7	26.1	0.18
F23	16 May 2024	64	10.00	97.80	3.2	33.91	7.7	26.1	0.17
F23	16 May 2024	65	9.98	97.98	3.2	33.92	7.7	26.1	0.16
F23	16 May 2024	66	9.96	98.11	3.3	33.92	7.8	26.1	0.14
F23	16 May 2024	67	9.96	98.21	3.3	33.92	7.8	26.1	0.21
F23	16 May 2024	68	9.95	98.20	3.3	33.92	7.8	26.1	0.14
F23	16 May 2024	69	9.95	98.14	3.3	33.93	7.8	26.1	0.13
F23	16 May 2024	70	9.95	98.16	3.3	33.93	7.8	26.1	0.14
F23	16 May 2024	71	9.95	98.11	3.3	33.94	7.8	26.1	0.13
F23	16 May 2024	72	9.94	97.87	3.3	33.94	7.8	26.1	0.13
F23	16 May 2024	73	9.94	97.71	3.2	33.94	7.8	26.1	0.13
F23	16 May 2024	74	9.94	97.48	3.2	33.95	7.8	26.1	0.13
F23	16 May 2024	75	9.94	97.20	3.2	33.95	7.8	26.1	0.13
F23	16 May 2024	76	9.94	96.85	3.1	33.96	7.7	26.1	0.13
F23	16 May 2024	77	9.93	96.19	3.1	33.96	7.7	26.2	0.13
F23	16 May 2024	78	9.93	95.87	3.1	33.97	7.7	26.2	0.12
F23	16 May 2024	79	9.92	95.76	3.0	33.97	7.7	26.2	0.13
F23	16 May 2024	80	9.91	95.11	3.0	33.98	7.7	26.2	0.13
F23	16 May 2024	81	9.90	93.53	3.0	33.99	7.7	26.2	0.14
F23	16 May 2024	82	9.90	91.87	3.0	33.99	7.7	26.2	0.13
F23	16 May 2024	83	9.90	90.97	2.9	33.99	7.7	26.2	0.15

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F12	15 May 2024	1	17.79	85.84	8.3	33.47	8.2	24.2	0.67
F12	15 May 2024	2	17.79	94.27	8.3	33.47	8.2	24.2	0.68
F12	15 May 2024	3	17.79	95.45	8.4	33.47	8.2	24.2	0.69
F12	15 May 2024	4	17.79	95.31	8.4	33.47	8.2	24.1	0.74
F12	15 May 2024	5	17.78	95.16	8.3	33.47	8.2	24.2	0.77
F12	15 May 2024	6	17.50	95.19	8.3	33.46	8.2	24.2	0.83
F12	15 May 2024	7	17.26	94.83	8.2	33.46	8.2	24.3	0.93
F12	15 May 2024	8	16.12	94.12	7.7	33.46	8.2	24.5	1.17
F12	15 May 2024	9	14.03	93.34	7.2	33.52	8.1	25.0	1.40
F12	15 May 2024	10	13.49	93.91	6.7	33.52	8.0	25.1	1.48
F12	15 May 2024	11	13.22	94.34	6.3	33.53	8.0	25.2	1.56
F12	15 May 2024	12	13.16	94.57	6.1	33.53	8.0	25.2	1.53
F12	15 May 2024	13	12.66	94.83	5.7	33.55	8.0	25.3	1.37
F12	15 May 2024	14	12.35	95.32	5.4	33.56	7.9	25.4	1.36
F12	15 May 2024	15	12.17	96.22	5.1	33.58	7.9	25.4	1.28
F12	15 May 2024	16	11.62	96.70	4.7	33.60	7.9	25.6	1.06
F12	15 May 2024	17	11.53	97.15	4.6	33.60	7.8	25.6	0.93
F12	15 May 2024	18	11.38	97.29	4.5	33.61	7.8	25.6	0.95
F12	15 May 2024	19	11.37	97.34	4.4	33.62	7.8	25.6	0.92
F12	15 May 2024	20	11.25	97.38	4.4	33.63	7.8	25.7	0.86
F12	15 May 2024	21	11.23	97.34	4.3	33.64	7.8	25.7	0.90
F12	15 May 2024	22	11.20	97.21	4.2	33.66	7.8	25.7	0.96
F12	15 May 2024	23	10.92	96.93	4.0	33.70	7.8	25.8	0.89
F12	15 May 2024	24	10.88	96.73	3.9	33.71	7.8	25.8	0.89
F12	15 May 2024	25	10.80	96.48	3.8	33.73	7.8	25.8	0.90
F12	15 May 2024	26	10.78	96.58	3.7	33.73	7.8	25.8	0.83
F12	15 May 2024	27	10.67	96.61	3.7	33.74	7.8	25.9	0.78
F12	15 May 2024	28	10.64	96.70	3.6	33.75	7.8	25.9	0.73
F12	15 May 2024	29	10.59	96.67	3.6	33.76	7.8	25.9	0.71
F12	15 May 2024	30	10.56	96.78	3.6	33.76	7.8	25.9	0.73
F12	15 May 2024	31	10.55	96.82	3.6	33.76	7.8	25.9	0.68
F12	15 May 2024	32	10.54	96.84	3.5	33.77	7.8	25.9	0.67
F12	15 May 2024	33	10.54	96.85	3.5	33.77	7.8	25.9	0.75
F12	15 May 2024	34	10.50	96.75	3.5	33.77	7.8	25.9	0.71
F12	15 May 2024	35	10.42	96.91	3.5	33.79	7.7	25.9	0.64
F12	15 May 2024	36	10.41	97.04	3.4	33.79	7.7	25.9	0.58
F12	15 May 2024	37	10.37	97.18	3.4	33.80	7.7	26.0	0.53
F12	15 May 2024	38	10.33	97.18	3.4	33.81	7.7	26.0	0.50
F12	15 May 2024	39	10.33	97.25	3.3	33.81	7.7	26.0	0.46
F12	15 May 2024	40	10.29	97.29	3.3	33.81	7.7	26.0	0.44
F12	15 May 2024	41	10.27	97.33	3.3	33.82	7.7	26.0	0.41
F12	15 May 2024	42	10.22	97.48	3.3	33.83	7.7	26.0	0.38
F12	15 May 2024	43	10.18	97.61	3.3	33.84	7.7	26.0	0.32
F12	15 May 2024	44	10.18	97.75	3.3	33.84	7.7	26.0	0.29
F12	15 May 2024	45	10.16	97.69	3.3	33.84	7.7	26.0	0.28
F12	15 May 2024	46	10.16	97.45	3.3	33.85	7.7	26.0	0.27
F12	15 May 2024	47	10.15	97.40	3.2	33.85	7.7	26.0	0.27
F12	15 May 2024	48	10.15	97.17	3.2	33.85	7.7	26.0	0.27
F12	15 May 2024	49	10.10	96.69	3.2	33.86	7.7	26.0	0.26
F12	15 May 2024	50	10.08	96.31	3.2	33.87	7.7	26.1	0.24
F12	15 May 2024	51	10.06	95.99	3.2	33.87	7.7	26.1	0.22
F12	15 May 2024	52	10.05	95.60	3.2	33.88	7.7	26.1	0.21
F12	15 May 2024	53	10.05	94.41	3.2	33.88	7.7	26.1	0.21
F12	15 May 2024	54	10.04	94.18	3.1	33.88	7.7	26.1	0.21
F12	15 May 2024	55	10.04	92.69	3.0	33.89	7.7	26.1	0.21
F12	15 May 2024	56	10.04	91.56	3.0	33.89	7.7	26.1	0.22
F12	15 May 2024	57	10.03	91.40	3.0	33.89	7.7	26.1	0.20
F12	15 May 2024	58	10.04	91.29	3.0	33.89	7.7	26.1	0.20
F12	15 May 2024	59	10.03	91.40	3.0	33.89	7.7	26.1	0.21
F12	15 May 2024	60	10.03	91.21	3.0	33.89	7.7	26.1	0.20

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F12	15 May 2024	61	10.04	91.09	3.0	33.89	7.7	26.1	0.19
F12	15 May 2024	62	10.04	88.62	3.0	33.89	7.7	26.1	0.21
F02	15 May 2024	1	16.57	85.17	7.2	33.48	8.1	24.5	2.33
F02	15 May 2024	2	16.51	85.56	7.2	33.49	8.1	24.5	2.42
F02	15 May 2024	3	16.32	86.00	7.0	33.49	8.1	24.5	2.54
F02	15 May 2024	4	15.00	86.32	7.0	33.52	8.1	24.8	2.30
F02	15 May 2024	5	14.24	89.39	6.6	33.52	8.1	25.0	2.45
F02	15 May 2024	6	13.52	90.59	6.4	33.53	8.0	25.2	2.45
F02	15 May 2024	7	13.25	91.46	6.1	33.54	8.0	25.2	2.30
F02	15 May 2024	8	12.82	92.83	5.8	33.56	8.0	25.3	1.92
F02	15 May 2024	9	12.30	93.80	5.4	33.58	7.9	25.4	1.59
F02	15 May 2024	10	12.05	94.64	5.0	33.60	7.9	25.5	1.64
F02	15 May 2024	11	11.76	95.01	4.8	33.62	7.9	25.6	1.44
F02	15 May 2024	12	11.62	95.18	4.6	33.63	7.8	25.6	1.27
F02	15 May 2024	13	11.50	95.47	4.4	33.64	7.8	25.6	1.37
F02	15 May 2024	14	11.35	95.55	4.3	33.66	7.8	25.7	1.25
F02	15 May 2024	15	11.29	95.19	4.2	33.67	7.8	25.7	1.26
F02	15 May 2024	16	11.20	95.22	4.1	33.67	7.8	25.7	1.05
F02	15 May 2024	17	11.07	95.23	4.0	33.69	7.8	25.7	0.98
F02	15 May 2024	18	10.88	95.20	3.8	33.72	7.8	25.8	0.85
F02	15 May 2024	19	10.82	95.19	3.7	33.73	7.8	25.8	0.68
F02	15 May 2024	20	10.85	95.06	3.6	33.73	7.8	25.8	0.68
F35	14 May 2024	1	17.60	95.88	8.3	33.46	8.2	24.2	0.50
F35	14 May 2024	2	17.61	95.81	8.3	33.46	8.2	24.2	0.54
F35	14 May 2024	3	17.60	95.80	8.3	33.46	8.2	24.2	0.59
F35	14 May 2024	4	17.57	95.73	8.3	33.46	8.2	24.2	0.61
F35	14 May 2024	5	17.51	95.71	8.3	33.45	8.2	24.2	0.61
F35	14 May 2024	6	16.97	95.70	8.2	33.43	8.2	24.3	0.66
F35	14 May 2024	7	15.41	95.69	8.7	33.37	8.2	24.6	0.81
F35	14 May 2024	8	14.13	95.06	9.2	33.34	8.2	24.9	1.19
F35	14 May 2024	9	13.76	93.56	9.4	33.33	8.2	24.9	1.64
F35	14 May 2024	10	13.55	91.62	9.2	33.34	8.2	25.0	2.18
F35	14 May 2024	11	13.49	91.03	8.7	33.35	8.1	25.0	2.80
F35	14 May 2024	12	13.31	90.15	8.0	33.36	8.1	25.1	2.83
F35	14 May 2024	13	13.02	90.30	7.7	33.38	8.1	25.1	2.57
F35	14 May 2024	14	12.86	91.12	7.5	33.39	8.1	25.2	2.85
F35	14 May 2024	15	12.42	91.35	7.0	33.42	8.0	25.3	3.71
F35	14 May 2024	16	12.29	90.20	6.3	33.44	8.0	25.3	2.96
F35	14 May 2024	17	12.08	91.50	5.8	33.46	7.9	25.4	2.20
F35	14 May 2024	18	11.87	93.64	5.4	33.48	7.9	25.4	2.30
F35	14 May 2024	19	11.74	93.15	5.1	33.49	7.8	25.5	3.17
F35	14 May 2024	20	11.71	91.40	5.0	33.50	7.8	25.5	3.86
F35	14 May 2024	21	11.68	90.71	4.9	33.50	7.8	25.5	4.04
F35	14 May 2024	22	11.65	89.89	4.9	33.50	7.8	25.5	4.32
F35	14 May 2024	23	11.62	89.92	4.9	33.51	7.8	25.5	3.92
F35	14 May 2024	24	11.60	91.15	4.8	33.51	7.8	25.5	3.21
F35	14 May 2024	25	11.55	91.95	4.8	33.51	7.8	25.5	2.60
F35	14 May 2024	26	11.24	93.67	4.8	33.54	7.8	25.6	1.62
F35	14 May 2024	27	11.11	97.09	4.8	33.56	7.8	25.6	1.00
F35	14 May 2024	28	11.09	97.05	4.8	33.56	7.8	25.6	0.70
F35	14 May 2024	29	11.00	97.95	4.7	33.58	7.8	25.7	0.61
F35	14 May 2024	30	10.94	98.78	4.7	33.59	7.8	25.7	0.57
F35	14 May 2024	31	10.90	98.79	4.7	33.60	7.8	25.7	0.54
F35	14 May 2024	32	10.87	98.79	4.7	33.60	7.8	25.7	0.51
F35	14 May 2024	33	10.81	98.95	4.6	33.63	7.8	25.7	0.48
F35	14 May 2024	34	10.78	99.01	4.6	33.63	7.8	25.8	0.46
F35	14 May 2024	35	10.75	98.98	4.6	33.64	7.8	25.8	0.46
F35	14 May 2024	36	10.67	99.02	4.5	33.65	7.8	25.8	0.42
F35	14 May 2024	37	10.64	99.01	4.5	33.66	7.8	25.8	0.40

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F35	14 May 2024	38	10.63	99.07	4.5	33.66	7.8	25.8	0.39
F35	14 May 2024	39	10.61	98.93	4.5	33.67	7.8	25.8	0.39
F35	14 May 2024	40	10.59	99.05	4.5	33.67	7.8	25.8	0.39
F35	14 May 2024	41	10.57	99.10	4.4	33.68	7.8	25.8	0.38
F35	14 May 2024	42	10.55	99.16	4.4	33.69	7.8	25.8	0.37
F35	14 May 2024	43	10.53	99.13	4.4	33.69	7.8	25.8	0.36
F35	14 May 2024	44	10.51	99.13	4.4	33.69	7.8	25.8	0.36
F35	14 May 2024	45	10.49	99.29	4.4	33.70	7.8	25.8	0.35
F35	14 May 2024	46	10.43	99.23	4.4	33.71	7.8	25.9	0.35
F35	14 May 2024	47	10.37	99.16	4.4	33.72	7.8	25.9	0.36
F35	14 May 2024	48	10.34	99.16	4.3	33.73	7.8	25.9	0.35
F35	14 May 2024	49	10.34	99.19	4.3	33.73	7.8	25.9	0.36
F35	14 May 2024	50	10.33	99.21	4.2	33.74	7.8	25.9	0.39
F35	14 May 2024	51	10.32	99.17	4.1	33.75	7.8	25.9	0.39
F35	14 May 2024	52	10.31	99.03	4.0	33.76	7.8	25.9	0.39
F35	14 May 2024	53	10.31	98.95	4.0	33.76	7.8	25.9	0.40
F35	14 May 2024	54	10.32	98.87	3.9	33.77	7.8	25.9	0.42
F35	14 May 2024	55	10.33	98.77	3.9	33.77	7.7	25.9	0.42
F35	14 May 2024	56	10.33	98.68	3.8	33.77	7.7	25.9	0.43
F35	14 May 2024	57	10.34	98.59	3.7	33.78	7.7	25.9	0.44
F35	14 May 2024	58	10.35	98.50	3.6	33.78	7.7	25.9	0.45
F35	14 May 2024	59	10.33	98.35	3.5	33.79	7.7	26.0	0.45
F35	14 May 2024	60	10.32	98.16	3.5	33.79	7.7	26.0	0.43
F35	14 May 2024	61	10.31	98.12	3.5	33.79	7.7	26.0	0.43
F35	14 May 2024	62	10.28	98.26	3.5	33.80	7.7	26.0	0.42
F35	14 May 2024	63	10.26	98.26	3.4	33.80	7.7	26.0	0.41
F35	14 May 2024	64	10.25	98.25	3.4	33.81	7.7	26.0	0.41
F35	14 May 2024	65	10.23	98.20	3.3	33.82	7.7	26.0	0.38
F35	14 May 2024	66	10.22	98.07	3.3	33.82	7.7	26.0	0.38
F35	14 May 2024	67	10.22	97.98	3.2	33.82	7.7	26.0	0.37
F35	14 May 2024	68	10.21	97.92	3.2	33.82	7.7	26.0	0.38
F35	14 May 2024	69	10.20	97.86	3.2	33.83	7.7	26.0	0.37
F35	14 May 2024	70	10.17	97.88	3.2	33.84	7.7	26.0	0.35
F35	14 May 2024	71	10.15	97.91	3.1	33.84	7.7	26.0	0.34
F35	14 May 2024	72	10.14	97.80	3.1	33.85	7.7	26.0	0.34
F35	14 May 2024	73	10.14	97.64	3.1	33.85	7.7	26.0	0.32
F35	14 May 2024	74	10.13	97.61	3.1	33.85	7.7	26.0	0.33
F35	14 May 2024	75	10.13	97.57	3.1	33.85	7.7	26.0	0.32
F35	14 May 2024	76	10.12	97.53	3.1	33.85	7.7	26.0	0.32
F35	14 May 2024	77	10.11	97.49	3.1	33.85	7.7	26.0	0.31
F35	14 May 2024	78	10.10	97.51	3.1	33.86	7.7	26.0	0.30
F35	14 May 2024	79	10.09	97.52	3.1	33.86	7.7	26.0	0.29
F35	14 May 2024	80	10.06	97.56	3.1	33.87	7.7	26.1	0.28
F35	14 May 2024	81	10.01	97.57	3.1	33.89	7.7	26.1	0.27
F35	14 May 2024	82	9.97	97.62	3.0	33.90	7.7	26.1	0.23
F35	14 May 2024	83	9.93	97.74	3.0	33.91	7.7	26.1	0.22
F35	14 May 2024	84	9.93	97.84	3.0	33.92	7.7	26.1	0.22
F35	14 May 2024	85	9.92	97.91	3.0	33.93	7.7	26.1	0.21
F35	14 May 2024	86	9.91	97.86	3.0	33.93	7.7	26.1	0.21
F35	14 May 2024	87	9.91	97.71	3.0	33.94	7.7	26.1	0.21
F35	14 May 2024	88	9.91	97.66	3.0	33.94	7.7	26.1	0.21
F35	14 May 2024	89	9.91	97.62	3.0	33.94	7.7	26.1	0.21
F35	14 May 2024	90	9.90	97.63	3.0	33.94	7.7	26.1	0.20
F35	14 May 2024	91	9.90	97.55	3.0	33.95	7.7	26.1	0.20
F35	14 May 2024	92	9.90	97.34	3.0	33.95	7.7	26.1	0.20
F35	14 May 2024	93	9.89	97.21	3.0	33.96	7.7	26.2	0.20
F35	14 May 2024	94	9.86	97.05	3.0	33.99	7.7	26.2	0.19
F35	14 May 2024	95	9.84	96.50	3.0	34.01	7.7	26.2	0.19
F35	14 May 2024	96	9.84	95.27	2.9	34.01	7.7	26.2	0.21
F35	14 May 2024	97	9.83	94.65	2.9	34.01	7.7	26.2	0.19
F35	14 May 2024	98	9.83	94.45	2.9	34.01	7.7	26.2	0.19

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F35	14 May 2024	99	9.83	94.36	2.9	34.01	7.7	26.2	0.19
F35	14 May 2024	100	9.83	94.48	2.9	34.01	7.7	26.2	0.19
F24	16 May 2024	1	17.80	95.39	8.2	33.48	8.2	24.2	0.52
F24	16 May 2024	2	17.80	95.62	8.2	33.48	8.2	24.2	0.57
F24	16 May 2024	3	17.81	95.51	8.2	33.48	8.2	24.2	0.54
F24	16 May 2024	4	17.80	95.88	8.2	33.48	8.2	24.2	0.59
F24	16 May 2024	5	17.79	95.78	8.2	33.48	8.2	24.2	0.62
F24	16 May 2024	6	17.76	95.85	8.2	33.48	8.2	24.2	0.67
F24	16 May 2024	7	17.68	95.85	8.2	33.47	8.2	24.2	0.73
F24	16 May 2024	8	17.62	95.95	8.2	33.47	8.2	24.2	0.70
F24	16 May 2024	9	17.37	95.93	8.1	33.47	8.2	24.3	0.77
F24	16 May 2024	10	16.98	95.87	8.0	33.47	8.2	24.3	0.83
F24	16 May 2024	11	16.64	95.99	7.8	33.46	8.2	24.4	0.84
F24	16 May 2024	12	15.97	95.97	7.5	33.47	8.2	24.6	0.99
F24	16 May 2024	13	15.04	94.71	7.0	33.50	8.1	24.8	1.23
F24	16 May 2024	14	14.22	93.92	6.5	33.52	8.1	25.0	1.59
F24	16 May 2024	15	13.66	93.53	6.2	33.53	8.0	25.1	1.84
F24	16 May 2024	16	13.38	93.41	5.9	33.53	8.0	25.2	1.96
F24	16 May 2024	17	12.76	94.60	5.5	33.54	8.0	25.3	1.69
F24	16 May 2024	18	12.16	95.56	5.1	33.56	7.9	25.4	1.48
F24	16 May 2024	19	11.82	96.11	4.8	33.57	7.9	25.5	1.39
F24	16 May 2024	20	11.70	96.23	4.6	33.57	7.9	25.5	1.36
F24	16 May 2024	21	11.52	96.16	4.5	33.60	7.8	25.6	1.36
F24	16 May 2024	22	11.38	96.21	4.5	33.62	7.8	25.6	1.26
F24	16 May 2024	23	11.31	96.76	4.4	33.62	7.8	25.6	1.20
F24	16 May 2024	24	11.23	96.82	4.3	33.63	7.8	25.7	1.30
F24	16 May 2024	25	11.23	97.08	4.2	33.63	7.8	25.7	1.20
F24	16 May 2024	26	11.15	97.15	4.2	33.64	7.8	25.7	1.14
F24	16 May 2024	27	11.14	97.24	4.2	33.64	7.8	25.7	1.09
F24	16 May 2024	28	11.14	97.34	4.1	33.65	7.8	25.7	1.09
F24	16 May 2024	29	11.13	97.31	4.1	33.65	7.8	25.7	1.02
F24	16 May 2024	30	11.07	97.47	4.1	33.66	7.8	25.7	0.96
F24	16 May 2024	31	11.01	97.60	4.1	33.67	7.8	25.7	0.89
F24	16 May 2024	32	10.97	97.73	4.1	33.67	7.8	25.7	1.02
F24	16 May 2024	33	10.92	97.85	4.1	33.68	7.8	25.8	0.92
F24	16 May 2024	34	10.91	97.95	4.1	33.68	7.8	25.8	0.84
F24	16 May 2024	35	10.90	97.93	4.1	33.68	7.8	25.8	0.81
F24	16 May 2024	36	10.89	97.92	4.1	33.69	7.8	25.8	0.80
F24	16 May 2024	37	10.84	98.01	4.1	33.69	7.8	25.8	0.78
F24	16 May 2024	38	10.72	98.01	4.1	33.69	7.8	25.8	0.82
F24	16 May 2024	39	10.64	98.13	4.1	33.70	7.8	25.8	0.71
F24	16 May 2024	40	10.61	98.26	4.1	33.70	7.8	25.8	0.66
F24	16 May 2024	41	10.49	98.37	4.1	33.72	7.8	25.9	0.59
F24	16 May 2024	42	10.39	98.40	4.1	33.73	7.8	25.9	0.48
F24	16 May 2024	43	10.36	98.71	4.1	33.74	7.8	25.9	0.47
F24	16 May 2024	44	10.33	98.79	4.1	33.75	7.8	25.9	0.41
F24	16 May 2024	45	10.30	98.80	4.1	33.75	7.8	25.9	0.36
F24	16 May 2024	46	10.29	99.03	4.1	33.76	7.8	25.9	0.36
F24	16 May 2024	47	10.28	99.08	4.1	33.76	7.8	25.9	0.34
F24	16 May 2024	48	10.26	99.08	4.1	33.77	7.8	25.9	0.31
F24	16 May 2024	49	10.24	99.25	4.1	33.77	7.8	26.0	0.28
F24	16 May 2024	50	10.19	99.33	4.2	33.78	7.8	26.0	0.26
F24	16 May 2024	51	10.18	99.45	4.1	33.79	7.8	26.0	0.25
F24	16 May 2024	52	10.18	99.40	4.0	33.80	7.8	26.0	0.24
F24	16 May 2024	53	10.19	99.27	3.9	33.81	7.8	26.0	0.25
F24	16 May 2024	54	10.19	98.85	3.7	33.82	7.8	26.0	0.28
F24	16 May 2024	55	10.18	98.09	3.4	33.84	7.8	26.0	0.32
F24	16 May 2024	56	10.14	97.38	3.3	33.85	7.7	26.0	0.32
F24	16 May 2024	57	10.10	96.86	3.2	33.87	7.7	26.1	0.28
F24	16 May 2024	58	10.10	96.69	3.2	33.87	7.7	26.1	0.26

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F24	16 May 2024	59	10.05	96.77	3.2	33.89	7.7	26.1	0.24
F24	16 May 2024	60	10.04	97.02	3.2	33.90	7.7	26.1	0.20
F24	16 May 2024	61	10.03	97.06	3.2	33.90	7.8	26.1	0.18
F24	16 May 2024	62	10.02	97.03	3.2	33.91	7.8	26.1	0.18
F24	16 May 2024	63	10.01	97.07	3.2	33.91	7.8	26.1	0.18
F24	16 May 2024	64	10.00	97.02	3.2	33.91	7.7	26.1	0.16
F24	16 May 2024	65	9.99	96.64	3.1	33.92	7.7	26.1	0.17
F24	16 May 2024	66	9.99	95.20	3.0	33.93	7.7	26.1	0.17
F24	16 May 2024	67	9.99	93.62	3.0	33.93	7.7	26.1	0.17
F24	16 May 2024	68	9.99	93.26	3.0	33.93	7.7	26.1	0.17
F24	16 May 2024	69	9.99	93.09	3.0	33.93	7.7	26.1	0.17
F24	16 May 2024	70	9.99	93.04	3.0	33.93	7.7	26.1	0.16
F24	16 May 2024	71	9.99	92.96	3.0	33.93	7.7	26.1	0.17
F24	16 May 2024	72	9.99	92.89	3.0	33.93	7.7	26.1	0.17
F24	16 May 2024	73	9.99	92.86	3.0	33.93	7.7	26.1	0.17
F24	16 May 2024	74	9.98	92.83	3.0	33.93	7.7	26.1	0.17
F24	16 May 2024	75	9.98	92.53	3.0	33.93	7.7	26.1	0.17
F24	16 May 2024	76	9.97	92.59	2.9	33.94	7.7	26.1	0.17
F24	16 May 2024	77	9.96	92.51	2.9	33.94	7.7	26.1	0.16
F24	16 May 2024	78	9.95	92.28	2.9	33.95	7.7	26.1	0.16
F24	16 May 2024	79	9.94	91.95	2.9	33.95	7.7	26.1	0.15
F24	16 May 2024	80	9.93	90.91	2.9	33.96	7.7	26.2	0.15
F24	16 May 2024	81	9.92	90.19	2.9	33.97	7.7	26.2	0.15
F24	16 May 2024	82	9.91	89.76	2.9	33.97	7.7	26.2	0.15
F24	16 May 2024	83	9.93	89.47	2.9	33.96	7.7	26.2	0.15
F13	15 May 2024	1	17.62	91.18	8.3	33.46	8.2	24.2	1.24
F13	15 May 2024	2	17.49	91.07	8.3	33.46	8.2	24.2	1.36
F13	15 May 2024	3	17.36	91.23	8.3	33.46	8.2	24.3	1.49
F13	15 May 2024	4	17.31	91.29	8.3	33.46	8.2	24.3	1.59
F13	15 May 2024	5	17.30	91.43	8.3	33.46	8.2	24.3	1.68
F13	15 May 2024	6	17.31	91.41	8.3	33.46	8.2	24.3	1.66
F13	15 May 2024	7	17.29	91.37	8.3	33.46	8.2	24.3	1.60
F13	15 May 2024	8	17.23	91.55	8.3	33.47	8.2	24.3	1.58
F13	15 May 2024	9	17.22	91.46	8.3	33.47	8.2	24.3	1.52
F13	15 May 2024	10	16.89	91.68	8.0	33.47	8.2	24.4	1.56
F13	15 May 2024	11	15.85	91.38	7.7	33.48	8.2	24.6	1.67
F13	15 May 2024	12	14.88	91.76	7.5	33.50	8.1	24.8	1.72
F13	15 May 2024	13	14.66	92.86	7.1	33.49	8.1	24.9	1.61
F13	15 May 2024	14	13.75	93.51	6.7	33.52	8.1	25.1	1.58
F13	15 May 2024	15	13.33	94.21	6.3	33.54	8.0	25.2	1.39
F13	15 May 2024	16	12.97	94.76	5.9	33.55	8.0	25.3	1.45
F13	15 May 2024	17	12.54	95.16	5.5	33.56	7.9	25.4	1.37
F13	15 May 2024	18	12.04	95.62	5.2	33.58	7.9	25.5	1.29
F13	15 May 2024	19	11.98	95.87	5.0	33.60	7.9	25.5	1.29
F13	15 May 2024	20	11.91	95.91	4.9	33.61	7.9	25.5	1.21
F13	15 May 2024	21	11.74	95.97	4.7	33.62	7.9	25.6	1.09
F13	15 May 2024	22	11.50	96.05	4.5	33.65	7.8	25.6	1.19
F13	15 May 2024	23	11.05	96.27	4.3	33.69	7.8	25.7	0.95
F13	15 May 2024	24	10.87	96.56	4.1	33.70	7.8	25.8	0.84
F13	15 May 2024	25	10.74	96.69	4.0	33.72	7.8	25.8	0.80
F13	15 May 2024	26	10.62	96.75	3.9	33.73	7.8	25.9	0.72
F13	15 May 2024	27	10.59	96.89	3.8	33.73	7.8	25.9	0.68
F13	15 May 2024	28	10.55	97.00	3.8	33.74	7.8	25.9	0.64
F13	15 May 2024	29	10.53	96.99	3.7	33.75	7.8	25.9	0.62
F13	15 May 2024	30	10.48	97.08	3.7	33.76	7.8	25.9	0.62
F13	15 May 2024	31	10.44	97.05	3.6	33.77	7.8	25.9	0.60
F13	15 May 2024	32	10.31	96.73	3.4	33.81	7.7	26.0	0.53
F13	15 May 2024	33	10.29	96.80	3.4	33.81	7.7	26.0	0.47
F13	15 May 2024	34	10.27	96.99	3.3	33.82	7.7	26.0	0.43
F13	15 May 2024	35	10.23	97.14	3.3	33.83	7.7	26.0	0.38

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F13	15 May 2024	36	10.19	97.04	3.3	33.84	7.7	26.0	0.36
F13	15 May 2024	37	10.14	96.99	3.3	33.85	7.7	26.0	0.32
F13	15 May 2024	38	10.13	96.69	3.2	33.86	7.7	26.0	0.29
F13	15 May 2024	39	10.11	96.24	3.2	33.86	7.7	26.0	0.27
F13	15 May 2024	40	10.10	95.93	3.2	33.87	7.7	26.0	0.26
F13	15 May 2024	41	10.10	95.70	3.1	33.87	7.7	26.1	0.25
F13	15 May 2024	42	10.07	95.47	3.1	33.88	7.7	26.1	0.24
F13	15 May 2024	43	10.07	94.46	3.0	33.88	7.7	26.1	0.23
F13	15 May 2024	44	10.07	93.01	3.0	33.88	7.7	26.1	0.23
F13	15 May 2024	45	10.06	92.62	3.0	33.88	7.7	26.1	0.22
F13	15 May 2024	46	10.06	92.52	3.0	33.88	7.7	26.1	0.22
F13	15 May 2024	47	10.07	92.62	3.0	33.88	7.7	26.1	0.22
F13	15 May 2024	48	10.06	92.72	3.0	33.88	7.7	26.1	0.20
F13	15 May 2024	49	10.06	92.56	3.0	33.89	7.7	26.1	0.21
F13	15 May 2024	50	10.06	92.84	3.0	33.89	7.7	26.1	0.21
F13	15 May 2024	51	10.06	92.96	3.0	33.89	7.7	26.1	0.20
F13	15 May 2024	52	10.06	92.97	3.0	33.89	7.7	26.1	0.20
F13	15 May 2024	53	10.06	93.10	3.0	33.89	7.7	26.1	0.21
F13	15 May 2024	54	10.06	92.90	3.0	33.89	7.7	26.1	0.20
F13	15 May 2024	55	10.06	92.39	3.0	33.90	7.7	26.1	0.19
F13	15 May 2024	56	10.06	92.08	3.0	33.90	7.7	26.1	0.18
F13	15 May 2024	57	10.06	92.00	2.9	33.90	7.7	26.1	0.17
F13	15 May 2024	58	10.06	91.59	2.9	33.90	7.7	26.1	0.17
F13	15 May 2024	59	10.06	90.80	2.9	33.90	7.7	26.1	0.17
F13	15 May 2024	60	10.06	90.47	2.9	33.90	7.7	26.1	0.18
F13	15 May 2024	61	10.06	82.34	2.9	33.90	7.7	26.1	0.18
F36	14 May 2024	1	17.61	95.54	8.0	33.41	8.2	24.2	0.90
F36	14 May 2024	2	17.62	95.62	8.2	33.43	8.2	24.2	0.76
F36	14 May 2024	3	17.44	95.44	8.2	33.46	8.2	24.2	0.70
F36	14 May 2024	4	17.27	95.84	8.3	33.44	8.2	24.2	0.69
F36	14 May 2024	5	16.92	95.83	8.3	33.45	8.2	24.3	0.67
F36	14 May 2024	6	15.49	95.21	8.6	33.47	8.2	24.7	0.73
F36	14 May 2024	7	14.99	95.02	8.8	33.41	8.2	24.7	1.02
F36	14 May 2024	8	14.04	93.95	9.1	33.38	8.2	24.9	1.27
F36	14 May 2024	9	13.64	91.29	9.0	33.39	8.2	25.0	2.03
F36	14 May 2024	10	13.34	89.93	8.9	33.39	8.1	25.1	3.37
F36	14 May 2024	11	13.10	87.51	8.9	33.38	8.1	25.1	3.90
F36	14 May 2024	12	12.95	85.22	8.8	33.38	8.1	25.2	4.89
F36	14 May 2024	13	12.79	84.36	8.5	33.40	8.1	25.2	6.63
F36	14 May 2024	14	12.66	80.78	8.1	33.40	8.1	25.2	8.89
F36	14 May 2024	15	12.47	77.66	7.6	33.42	8.0	25.3	11.12
F36	14 May 2024	16	12.32	76.60	6.9	33.42	8.0	25.3	13.41
F36	14 May 2024	17	12.31	77.93	6.6	33.42	8.0	25.3	14.44
F36	14 May 2024	18	12.19	79.54	6.2	33.45	7.9	25.3	13.44
F36	14 May 2024	19	11.91	84.73	5.7	33.50	7.9	25.4	9.58
F36	14 May 2024	20	11.84	88.66	5.3	33.50	7.8	25.5	6.76
F36	14 May 2024	21	11.77	90.30	5.1	33.50	7.8	25.5	4.90
F36	14 May 2024	22	11.74	89.89	5.1	33.50	7.8	25.5	4.47
F36	14 May 2024	23	11.73	89.32	5.0	33.50	7.8	25.5	4.82
F36	14 May 2024	24	11.70	89.11	5.0	33.50	7.8	25.5	4.97
F36	14 May 2024	25	11.64	89.07	4.9	33.51	7.8	25.5	4.43
F36	14 May 2024	26	11.59	90.53	4.9	33.51	7.8	25.5	3.82
F36	14 May 2024	27	11.50	92.63	4.8	33.54	7.8	25.5	2.76
F36	14 May 2024	28	11.41	94.39	4.7	33.54	7.8	25.6	2.32
F36	14 May 2024	29	11.26	96.44	4.7	33.55	7.8	25.6	1.57
F36	14 May 2024	30	11.12	97.50	4.8	33.57	7.8	25.6	1.10
F36	14 May 2024	31	11.09	98.14	4.8	33.57	7.8	25.6	0.95
F36	14 May 2024	32	11.07	98.50	4.8	33.57	7.8	25.6	0.75
F36	14 May 2024	33	11.04	98.77	4.8	33.58	7.8	25.7	0.70
F36	14 May 2024	34	11.01	98.82	4.7	33.58	7.8	25.7	0.63

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F36	14 May 2024	35	10.90	98.85	4.7	33.60	7.8	25.7	0.64
F36	14 May 2024	36	10.85	98.99	4.7	33.61	7.8	25.7	0.54
F36	14 May 2024	37	10.84	99.04	4.7	33.61	7.8	25.7	0.53
F36	14 May 2024	38	10.83	99.14	4.7	33.61	7.8	25.7	0.52
F36	14 May 2024	39	10.83	99.10	4.6	33.61	7.8	25.7	0.51
F36	14 May 2024	40	10.83	99.06	4.6	33.61	7.8	25.7	0.54
F36	14 May 2024	41	10.83	99.11	4.6	33.61	7.8	25.7	0.50
F36	14 May 2024	42	10.82	99.08	4.6	33.61	7.8	25.7	0.49
F36	14 May 2024	43	10.81	99.12	4.6	33.62	7.8	25.7	0.49
F36	14 May 2024	44	10.80	99.13	4.6	33.63	7.8	25.7	0.48
F36	14 May 2024	45	10.77	99.15	4.5	33.64	7.8	25.8	0.47
F36	14 May 2024	46	10.64	99.13	4.5	33.67	7.8	25.8	0.46
F36	14 May 2024	47	10.51	99.21	4.4	33.70	7.8	25.9	0.41
F36	14 May 2024	48	10.49	99.33	4.4	33.71	7.8	25.9	0.36
F36	14 May 2024	49	10.44	99.38	4.3	33.72	7.8	25.9	0.35
F36	14 May 2024	50	10.38	99.42	4.2	33.74	7.8	25.9	0.37
F36	14 May 2024	51	10.36	99.31	3.9	33.77	7.8	25.9	0.42
F36	14 May 2024	52	10.34	98.90	3.6	33.80	7.7	26.0	0.45
F36	14 May 2024	53	10.33	98.28	3.4	33.80	7.7	26.0	0.47
F36	14 May 2024	54	10.32	97.94	3.3	33.80	7.7	26.0	0.48
F36	14 May 2024	55	10.31	97.83	3.3	33.81	7.7	26.0	0.47
F36	14 May 2024	56	10.30	97.74	3.2	33.81	7.7	26.0	0.50
F36	14 May 2024	57	10.30	97.76	3.2	33.81	7.7	26.0	0.46
F36	14 May 2024	58	10.29	97.72	3.2	33.81	7.7	26.0	0.50
F36	14 May 2024	59	10.28	97.78	3.2	33.81	7.7	26.0	0.44
F36	14 May 2024	60	10.27	97.76	3.2	33.81	7.7	26.0	0.44
F36	14 May 2024	61	10.26	97.75	3.2	33.82	7.7	26.0	0.43
F36	14 May 2024	62	10.25	97.79	3.2	33.82	7.7	26.0	0.43
F36	14 May 2024	63	10.24	97.82	3.2	33.82	7.7	26.0	0.41
F36	14 May 2024	64	10.23	97.80	3.2	33.82	7.7	26.0	0.41
F36	14 May 2024	65	10.22	97.80	3.2	33.83	7.7	26.0	0.42
F36	14 May 2024	66	10.22	97.89	3.2	33.82	7.7	26.0	0.39
F36	14 May 2024	67	10.22	97.88	3.2	33.83	7.7	26.0	0.40
F36	14 May 2024	68	10.20	97.88	3.2	33.83	7.7	26.0	0.39
F36	14 May 2024	69	10.19	97.90	3.2	33.83	7.7	26.0	0.40
F36	14 May 2024	70	10.18	97.96	3.2	33.83	7.7	26.0	0.38
F36	14 May 2024	71	10.16	98.03	3.2	33.84	7.7	26.0	0.36
F36	14 May 2024	72	10.15	98.04	3.2	33.84	7.7	26.0	0.36
F36	14 May 2024	73	10.14	98.09	3.2	33.84	7.7	26.0	0.34
F36	14 May 2024	74	10.14	98.09	3.2	33.84	7.7	26.0	0.35
F36	14 May 2024	75	10.13	98.08	3.1	33.84	7.7	26.0	0.34
F36	14 May 2024	76	10.13	98.08	3.1	33.84	7.7	26.0	0.33
F36	14 May 2024	77	10.13	98.11	3.1	33.84	7.7	26.0	0.33
F36	14 May 2024	78	10.11	98.10	3.1	33.85	7.7	26.0	0.32
F36	14 May 2024	79	10.09	98.06	3.1	33.85	7.7	26.0	0.32
F36	14 May 2024	80	10.07	98.06	3.1	33.86	7.7	26.0	0.30
F36	14 May 2024	81	10.06	98.06	3.0	33.86	7.7	26.1	0.29
F36	14 May 2024	82	10.05	98.03	3.0	33.86	7.7	26.1	0.28
F36	14 May 2024	83	10.04	98.01	3.0	33.87	7.7	26.1	0.28
F36	14 May 2024	84	10.03	98.01	3.0	33.87	7.7	26.1	0.28
F36	14 May 2024	85	10.03	98.01	3.0	33.87	7.7	26.1	0.27
F36	14 May 2024	86	10.00	97.93	3.0	33.88	7.7	26.1	0.26
F36	14 May 2024	87	9.98	97.79	3.0	33.89	7.7	26.1	0.26
F36	14 May 2024	88	9.97	97.73	3.0	33.90	7.7	26.1	0.25
F36	14 May 2024	89	9.95	97.74	3.0	33.91	7.7	26.1	0.25
F36	14 May 2024	90	9.93	97.77	3.0	33.93	7.7	26.1	0.24
F36	14 May 2024	91	9.93	97.83	3.0	33.93	7.7	26.1	0.24
F36	14 May 2024	92	9.93	97.87	3.0	33.93	7.7	26.1	0.24
F36	14 May 2024	93	9.91	97.83	3.0	33.95	7.7	26.1	0.23
F36	14 May 2024	94	9.87	97.57	3.0	33.98	7.7	26.2	0.23
F36	14 May 2024	95	9.83	96.84	2.9	34.01	7.7	26.2	0.23

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F36	14 May 2024	96	9.83	96.02	2.9	34.01	7.7	26.2	0.22
F36	14 May 2024	97	9.83	95.51	2.9	34.01	7.7	26.2	0.24
F36	14 May 2024	98	9.82	95.34	2.9	34.01	7.7	26.2	0.22
F36	14 May 2024	99	9.82	94.97	2.9	34.02	7.7	26.2	0.22
F36	14 May 2024	100	9.83	94.88	2.9	34.01	7.7	26.2	0.22
F25	16 May 2024	1	17.82	95.83	8.2	33.48	8.3	24.2	0.60
F25	16 May 2024	2	17.82	95.63	8.3	33.48	8.3	24.2	0.64
F25	16 May 2024	3	17.82	95.70	8.3	33.48	8.3	24.2	0.65
F25	16 May 2024	4	17.81	95.77	8.3	33.48	8.3	24.2	0.65
F25	16 May 2024	5	17.79	95.82	8.3	33.48	8.3	24.2	0.67
F25	16 May 2024	6	17.78	95.81	8.2	33.48	8.3	24.2	0.69
F25	16 May 2024	7	17.76	95.80	8.2	33.48	8.3	24.2	0.71
F25	16 May 2024	8	17.75	95.77	8.2	33.48	8.3	24.2	0.72
F25	16 May 2024	9	17.73	95.72	8.2	33.47	8.3	24.2	0.76
F25	16 May 2024	10	17.68	95.62	8.2	33.47	8.3	24.2	0.79
F25	16 May 2024	11	17.63	95.81	8.2	33.47	8.3	24.2	0.78
F25	16 May 2024	12	17.54	96.07	8.2	33.47	8.3	24.2	0.80
F25	16 May 2024	13	17.43	96.00	8.2	33.46	8.2	24.2	0.83
F25	16 May 2024	14	17.23	95.98	8.2	33.46	8.2	24.3	0.92
F25	16 May 2024	15	16.84	95.93	8.0	33.46	8.2	24.4	1.03
F25	16 May 2024	16	16.02	95.57	7.4	33.46	8.2	24.6	1.06
F25	16 May 2024	17	14.65	95.81	6.9	33.50	8.1	24.9	1.26
F25	16 May 2024	18	14.49	94.66	6.5	33.50	8.1	24.9	1.70
F25	16 May 2024	19	13.60	93.17	6.1	33.51	8.1	25.1	1.85
F25	16 May 2024	20	12.66	92.35	5.7	33.54	8.0	25.3	1.82
F25	16 May 2024	21	12.41	94.28	5.2	33.54	8.0	25.4	1.68
F25	16 May 2024	22	11.90	95.14	4.9	33.56	7.9	25.5	1.61
F25	16 May 2024	23	11.47	95.62	4.6	33.58	7.9	25.6	1.46
F25	16 May 2024	24	11.28	96.37	4.4	33.61	7.9	25.6	1.29
F25	16 May 2024	25	11.27	97.00	4.3	33.61	7.9	25.6	1.22
F25	16 May 2024	26	11.19	97.23	4.2	33.62	7.9	25.7	1.15
F25	16 May 2024	27	11.15	97.31	4.2	33.63	7.9	25.7	1.14
F25	16 May 2024	28	11.08	97.28	4.2	33.64	7.9	25.7	1.08
F25	16 May 2024	29	10.98	97.38	4.2	33.66	7.9	25.7	1.05
F25	16 May 2024	30	10.92	97.60	4.2	33.66	7.9	25.8	1.01
F25	16 May 2024	31	10.88	97.73	4.2	33.67	7.9	25.8	0.95
F25	16 May 2024	32	10.85	97.80	4.2	33.67	7.9	25.8	0.89
F25	16 May 2024	33	10.79	97.97	4.2	33.68	7.9	25.8	0.84
F25	16 May 2024	34	10.67	98.20	4.2	33.69	7.9	25.8	0.77
F25	16 May 2024	35	10.53	98.49	4.3	33.70	7.9	25.8	0.66
F25	16 May 2024	36	10.47	98.67	4.3	33.70	7.9	25.9	0.61
F25	16 May 2024	37	10.43	98.76	4.3	33.72	7.9	25.9	0.55
F25	16 May 2024	38	10.36	98.65	4.2	33.73	7.9	25.9	0.52
F25	16 May 2024	39	10.34	98.66	4.1	33.75	7.8	25.9	0.49
F25	16 May 2024	40	10.32	98.50	4.0	33.76	7.8	25.9	0.46
F25	16 May 2024	41	10.30	98.44	3.9	33.77	7.8	25.9	0.44
F25	16 May 2024	42	10.27	98.39	3.9	33.78	7.8	26.0	0.40
F25	16 May 2024	43	10.24	98.69	4.0	33.79	7.8	26.0	0.37
F25	16 May 2024	44	10.23	99.02	4.0	33.80	7.8	26.0	0.34
F25	16 May 2024	45	10.20	99.21	4.0	33.80	7.8	26.0	0.32
F25	16 May 2024	46	10.16	99.34	4.0	33.81	7.8	26.0	0.29
F25	16 May 2024	47	10.15	99.28	3.9	33.82	7.8	26.0	0.28
F25	16 May 2024	48	10.14	98.83	3.6	33.84	7.8	26.0	0.30
F25	16 May 2024	49	10.13	97.05	3.4	33.85	7.8	26.0	0.34
F25	16 May 2024	50	10.13	96.94	3.4	33.85	7.8	26.0	0.31
F25	16 May 2024	51	10.12	97.30	3.3	33.86	7.8	26.0	0.30
F25	16 May 2024	52	10.11	97.06	3.2	33.86	7.8	26.0	0.30
F25	16 May 2024	53	10.11	96.83	3.2	33.86	7.8	26.0	0.31
F25	16 May 2024	54	10.10	96.52	3.1	33.87	7.8	26.0	0.31
F25	16 May 2024	55	10.10	96.30	3.1	33.87	7.8	26.1	0.29

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F25	16 May 2024	56	10.09	96.30	3.1	33.88	7.8	26.1	0.29
F25	16 May 2024	57	10.04	95.76	3.1	33.90	7.8	26.1	0.26
F25	16 May 2024	58	10.04	95.33	3.0	33.91	7.8	26.1	0.25
F25	16 May 2024	59	10.03	95.12	3.0	33.91	7.8	26.1	0.24
F25	16 May 2024	60	10.03	94.96	3.0	33.91	7.8	26.1	0.23
F25	16 May 2024	61	10.02	94.90	3.0	33.91	7.8	26.1	0.24
F25	16 May 2024	62	10.01	94.95	3.0	33.91	7.8	26.1	0.22
F25	16 May 2024	63	9.97	94.91	3.0	33.93	7.8	26.1	0.22
F25	16 May 2024	64	9.97	94.88	2.9	33.93	7.8	26.1	0.21
F25	16 May 2024	65	9.96	94.74	2.9	33.93	7.7	26.1	0.20
F25	16 May 2024	66	9.96	94.60	2.9	33.93	7.7	26.1	0.21
F25	16 May 2024	67	9.96	94.51	2.9	33.93	7.7	26.1	0.20
F25	16 May 2024	68	9.96	94.51	2.9	33.93	7.7	26.1	0.20
F25	16 May 2024	69	9.96	94.54	2.9	33.93	7.7	26.1	0.20
F25	16 May 2024	70	9.96	94.53	2.9	33.93	7.7	26.1	0.20
F25	16 May 2024	71	9.95	94.30	2.9	33.93	7.7	26.1	0.20
F25	16 May 2024	72	9.95	94.59	2.9	33.93	7.7	26.1	0.20
F25	16 May 2024	73	9.95	94.82	2.9	33.93	7.7	26.1	0.20
F25	16 May 2024	74	9.95	94.81	2.9	33.93	7.7	26.1	0.20
F25	16 May 2024	75	9.95	94.81	2.9	33.94	7.7	26.1	0.20
F25	16 May 2024	76	9.94	94.84	2.9	33.94	7.7	26.1	0.20
F25	16 May 2024	77	9.94	94.81	2.9	33.94	7.7	26.1	0.20
F25	16 May 2024	78	9.94	94.81	2.9	33.94	7.7	26.1	0.20
F25	16 May 2024	79	9.93	94.78	2.9	33.94	7.7	26.1	0.21
F25	16 May 2024	80	9.93	76.53	2.8	33.94	7.7	26.1	0.20
F14	15 May 2024	1	17.84	89.90	8.6	33.46	8.3	24.1	1.27
F14	15 May 2024	2	17.84	90.02	8.6	33.46	8.3	24.1	1.32
F14	15 May 2024	3	17.82	90.00	8.6	33.46	8.3	24.1	1.40
F14	15 May 2024	4	17.78	89.95	8.6	33.46	8.3	24.1	1.47
F14	15 May 2024	5	17.47	89.73	8.5	33.46	8.2	24.2	1.55
F14	15 May 2024	6	17.28	89.96	8.4	33.46	8.2	24.3	1.68
F14	15 May 2024	7	16.91	90.94	8.3	33.46	8.2	24.4	1.64
F14	15 May 2024	8	16.90	91.29	8.3	33.46	8.2	24.4	1.59
F14	15 May 2024	9	16.73	91.43	8.1	33.46	8.2	24.4	1.60
F14	15 May 2024	10	16.28	91.60	8.0	33.46	8.2	24.5	1.64
F14	15 May 2024	11	15.28	91.70	7.4	33.49	8.2	24.7	1.71
F14	15 May 2024	12	14.18	92.54	7.0	33.52	8.1	25.0	1.72
F14	15 May 2024	13	14.00	93.12	6.7	33.51	8.1	25.0	1.74
F14	15 May 2024	14	13.45	93.40	6.3	33.53	8.0	25.2	1.70
F14	15 May 2024	15	13.18	93.84	6.1	33.54	8.0	25.2	1.68
F14	15 May 2024	16	13.12	94.12	5.7	33.55	8.0	25.2	1.62
F14	15 May 2024	17	11.99	94.47	5.2	33.59	7.9	25.5	1.39
F14	15 May 2024	18	11.84	96.04	4.8	33.59	7.9	25.5	1.20
F14	15 May 2024	19	11.68	96.42	4.7	33.60	7.8	25.6	1.20
F14	15 May 2024	20	11.62	96.46	4.6	33.60	7.8	25.6	1.18
F14	15 May 2024	21	11.44	96.77	4.4	33.62	7.8	25.6	1.05
F14	15 May 2024	22	11.24	97.16	4.3	33.65	7.8	25.7	0.91
F14	15 May 2024	23	11.04	96.93	4.1	33.69	7.8	25.7	0.87
F14	15 May 2024	24	10.85	97.14	4.0	33.70	7.8	25.8	0.78
F14	15 May 2024	25	10.76	97.47	4.0	33.71	7.8	25.8	0.73
F14	15 May 2024	26	10.78	97.52	3.9	33.71	7.8	25.8	0.71
F14	15 May 2024	27	10.68	97.49	3.9	33.72	7.8	25.8	0.67
F14	15 May 2024	28	10.67	97.26	3.9	33.73	7.8	25.8	0.64
F14	15 May 2024	29	10.59	96.89	3.7	33.75	7.8	25.9	0.62
F14	15 May 2024	30	10.47	96.57	3.6	33.77	7.8	25.9	0.63
F14	15 May 2024	31	10.48	96.55	3.6	33.77	7.8	25.9	0.58
F14	15 May 2024	32	10.44	96.47	3.6	33.78	7.8	25.9	0.58
F14	15 May 2024	33	10.44	96.48	3.5	33.78	7.8	25.9	0.54
F14	15 May 2024	34	10.37	96.55	3.5	33.79	7.8	25.9	0.53
F14	15 May 2024	35	10.35	96.82	3.4	33.80	7.7	26.0	0.52

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F14	15 May 2024	36	10.30	96.92	3.3	33.81	7.7	26.0	0.51
F14	15 May 2024	37	10.25	96.88	3.3	33.82	7.7	26.0	0.46
F14	15 May 2024	38	10.21	96.66	3.2	33.84	7.7	26.0	0.40
F14	15 May 2024	39	10.18	96.51	3.2	33.84	7.7	26.0	0.35
F14	15 May 2024	40	10.13	96.48	3.2	33.85	7.7	26.0	0.30
F14	15 May 2024	41	10.12	96.68	3.2	33.86	7.7	26.0	0.27
F14	15 May 2024	42	10.11	96.09	3.1	33.86	7.7	26.0	0.25
F14	15 May 2024	43	10.11	94.70	3.1	33.87	7.7	26.0	0.24
F14	15 May 2024	44	10.11	94.13	3.1	33.87	7.7	26.0	0.22
F14	15 May 2024	45	10.11	94.14	3.0	33.87	7.7	26.0	0.23
F14	15 May 2024	46	10.11	94.03	3.0	33.87	7.7	26.0	0.22
F14	15 May 2024	47	10.10	94.02	3.0	33.87	7.7	26.1	0.22
F14	15 May 2024	48	10.10	93.82	3.0	33.87	7.7	26.1	0.22
F14	15 May 2024	49	10.10	93.83	3.0	33.87	7.7	26.1	0.22
F14	15 May 2024	50	10.10	93.71	3.0	33.87	7.7	26.1	0.21
F14	15 May 2024	51	10.10	93.66	3.0	33.87	7.7	26.1	0.22
F14	15 May 2024	52	10.10	93.45	3.0	33.87	7.7	26.1	0.21
F14	15 May 2024	53	10.09	93.21	3.0	33.87	7.7	26.1	0.22
F14	15 May 2024	54	10.09	93.03	3.0	33.87	7.7	26.1	0.22
F14	15 May 2024	55	10.09	93.00	3.0	33.87	7.7	26.1	0.22
F14	15 May 2024	56	10.08	92.98	3.0	33.88	7.7	26.1	0.21
F14	15 May 2024	57	10.08	92.97	3.0	33.88	7.7	26.1	0.22
F14	15 May 2024	58	10.07	91.58	2.9	33.88	7.7	26.1	0.21
F14	15 May 2024	59	10.08	89.56	2.9	33.88	7.7	26.1	0.23
F14	15 May 2024	60	10.07	37.94	2.9	33.88	7.7	26.1	0.23
F03	15 May 2024	1	16.98	87.23	8.3	33.49	8.2	24.4	2.67
F03	15 May 2024	2	16.67	87.50	8.1	33.49	8.2	24.4	2.66
F03	15 May 2024	3	16.15	88.74	7.7	33.49	8.2	24.6	2.37
F03	15 May 2024	4	15.02	90.66	7.2	33.50	8.1	24.8	1.96
F03	15 May 2024	5	14.35	91.99	6.7	33.52	8.1	25.0	1.77
F03	15 May 2024	6	13.56	92.38	6.2	33.54	8.0	25.1	1.69
F03	15 May 2024	7	13.05	93.31	5.8	33.56	8.0	25.3	1.49
F03	15 May 2024	8	12.52	93.36	5.4	33.59	7.9	25.4	1.40
F03	15 May 2024	9	12.06	93.45	5.0	33.62	7.9	25.5	1.46
F03	15 May 2024	10	12.01	93.73	4.8	33.61	7.9	25.5	1.45
F03	15 May 2024	11	11.57	94.21	4.6	33.64	7.8	25.6	1.54
F03	15 May 2024	12	11.56	94.58	4.5	33.64	7.8	25.6	1.38
F03	15 May 2024	13	11.35	94.75	4.3	33.67	7.8	25.7	1.19
F03	15 May 2024	14	11.32	95.03	4.2	33.67	7.8	25.7	1.25
F03	15 May 2024	15	11.15	94.46	4.0	33.70	7.8	25.7	1.14
F03	15 May 2024	16	11.16	94.01	4.0	33.70	7.8	25.7	1.16
F03	15 May 2024	17	11.07	93.91	3.9	33.70	7.8	25.8	1.12
F03	15 May 2024	18	11.06	94.36	3.9	33.71	7.8	25.8	0.99
F03	15 May 2024	19	11.07	94.63	3.9	33.71	7.8	25.8	0.99

NA = not available

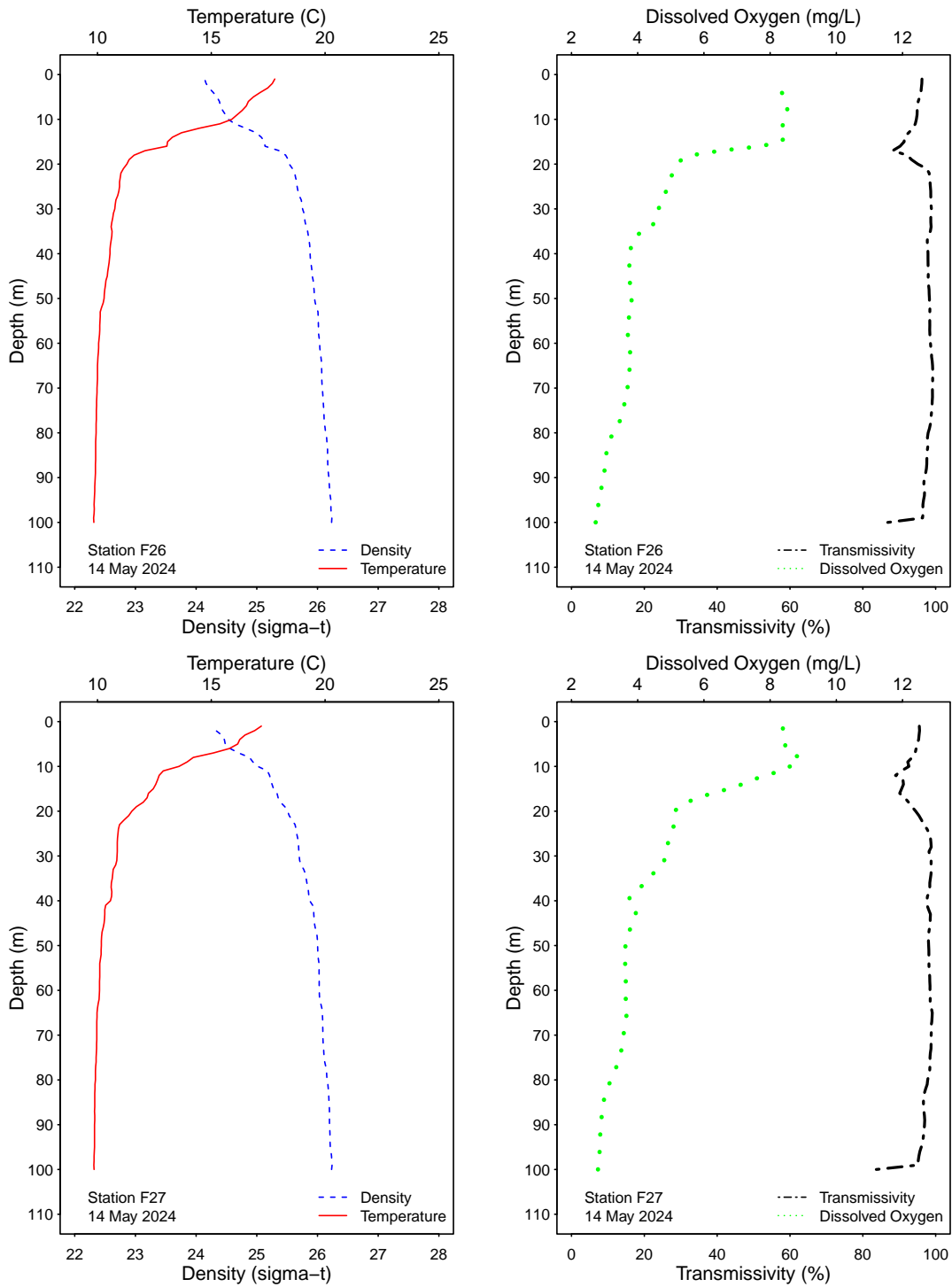


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

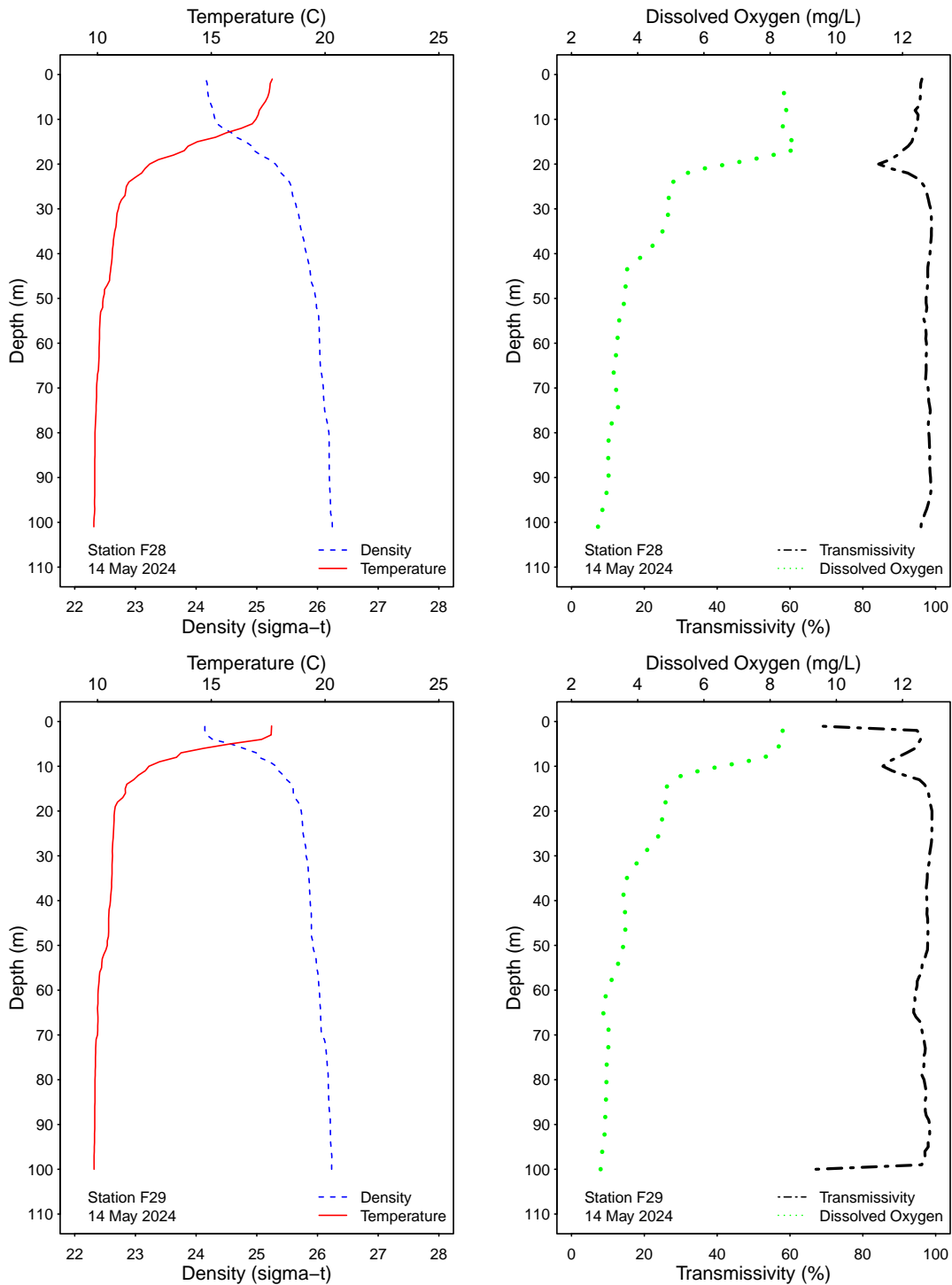


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

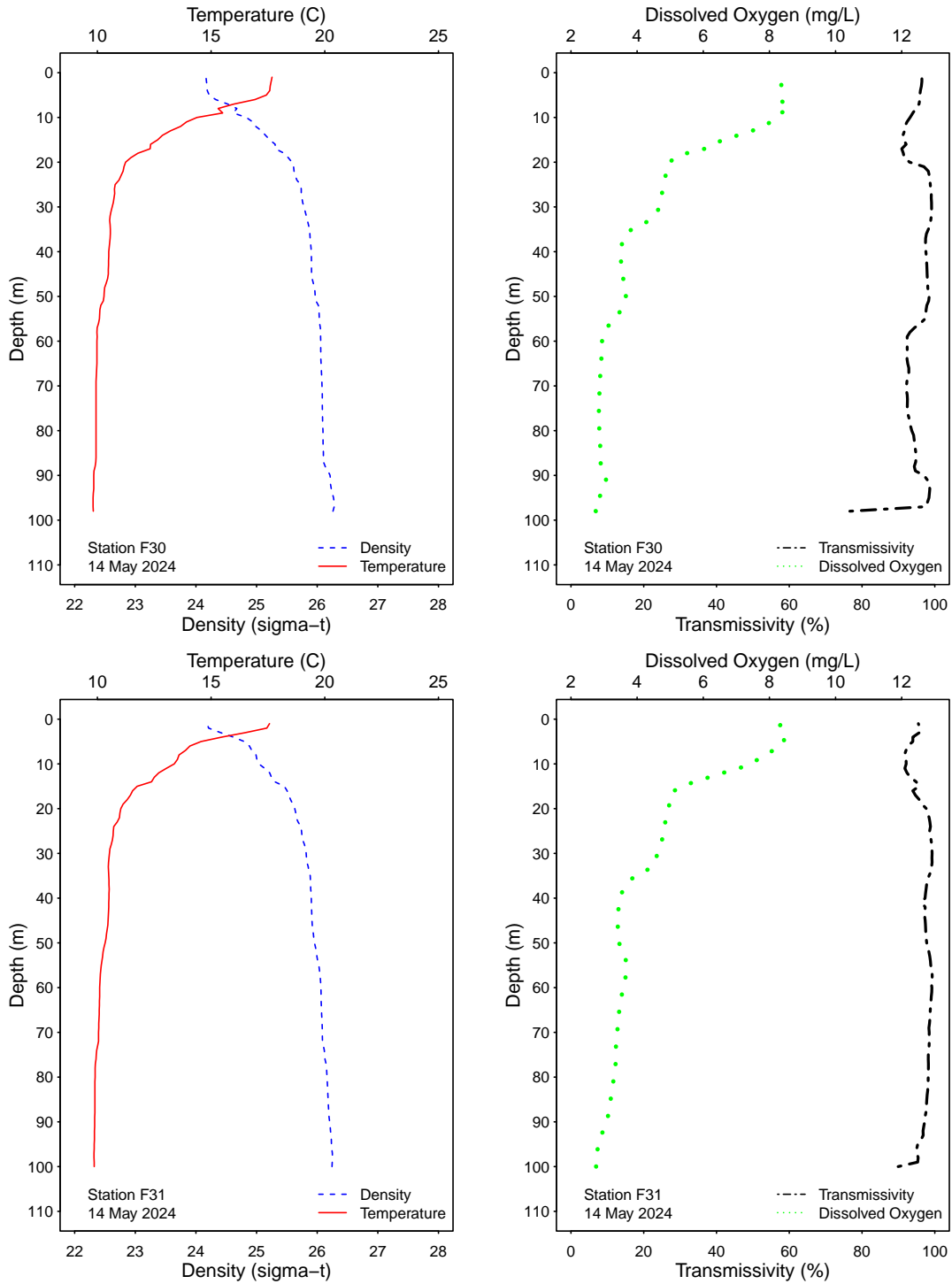


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

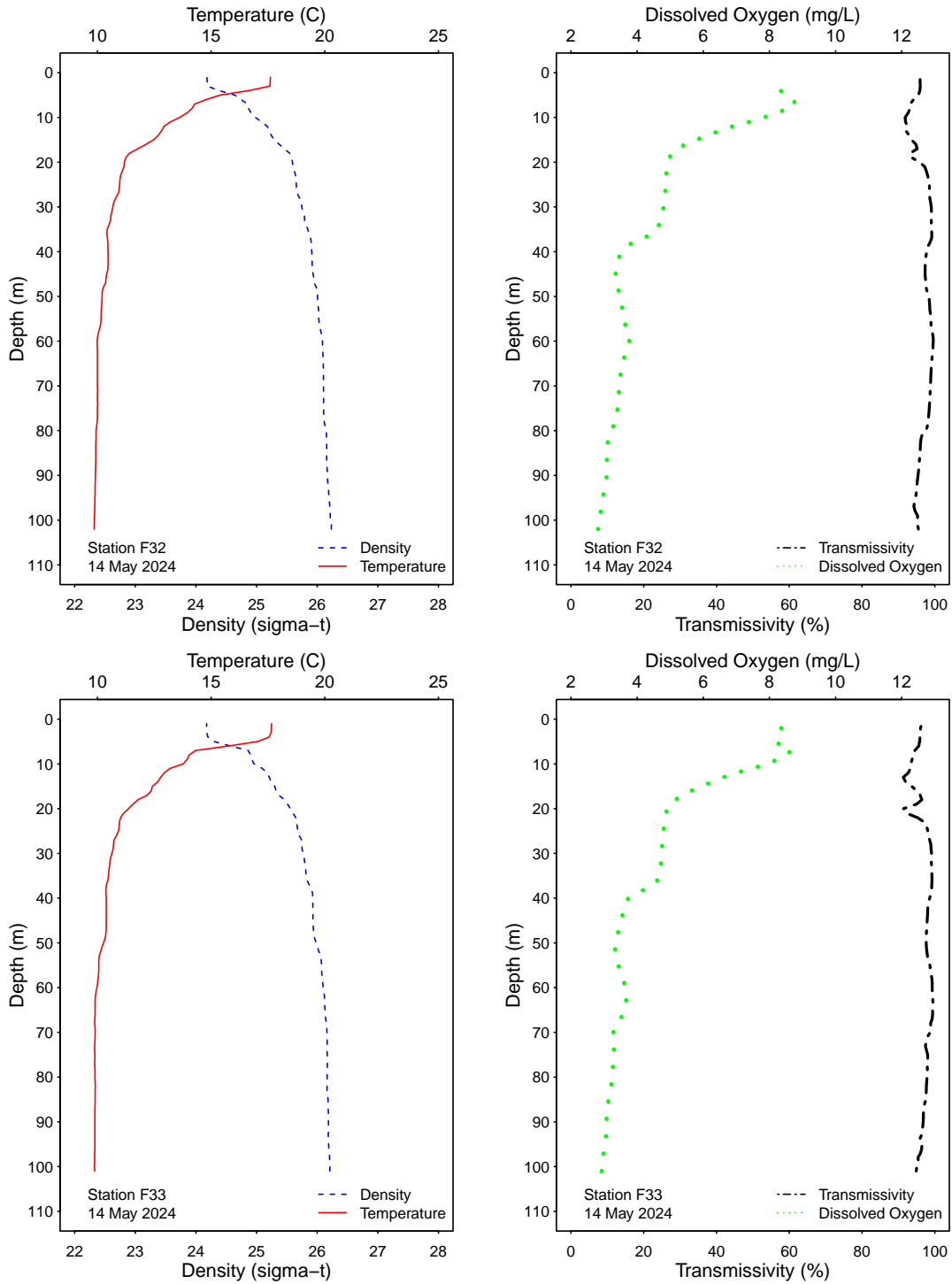


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

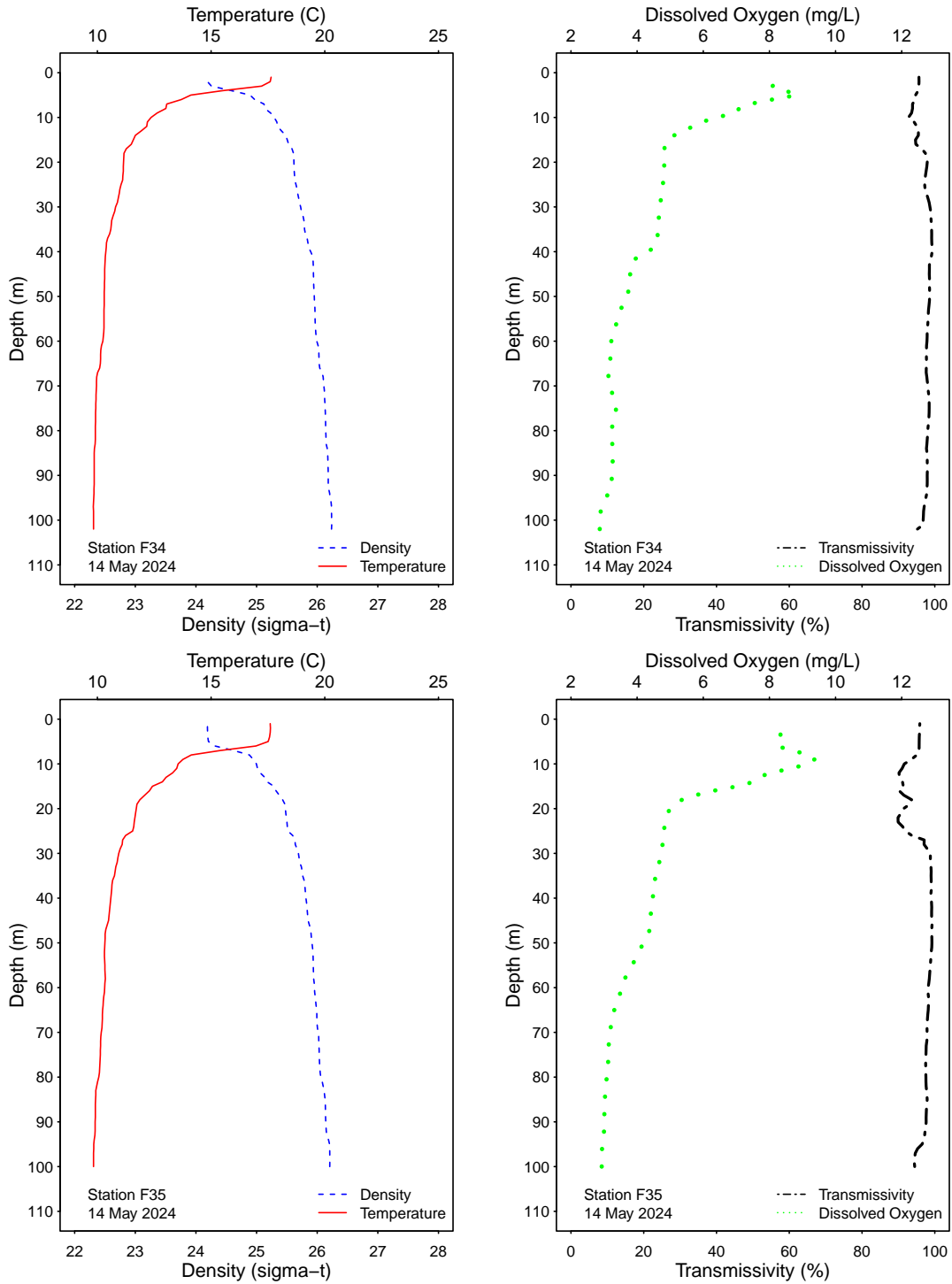


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

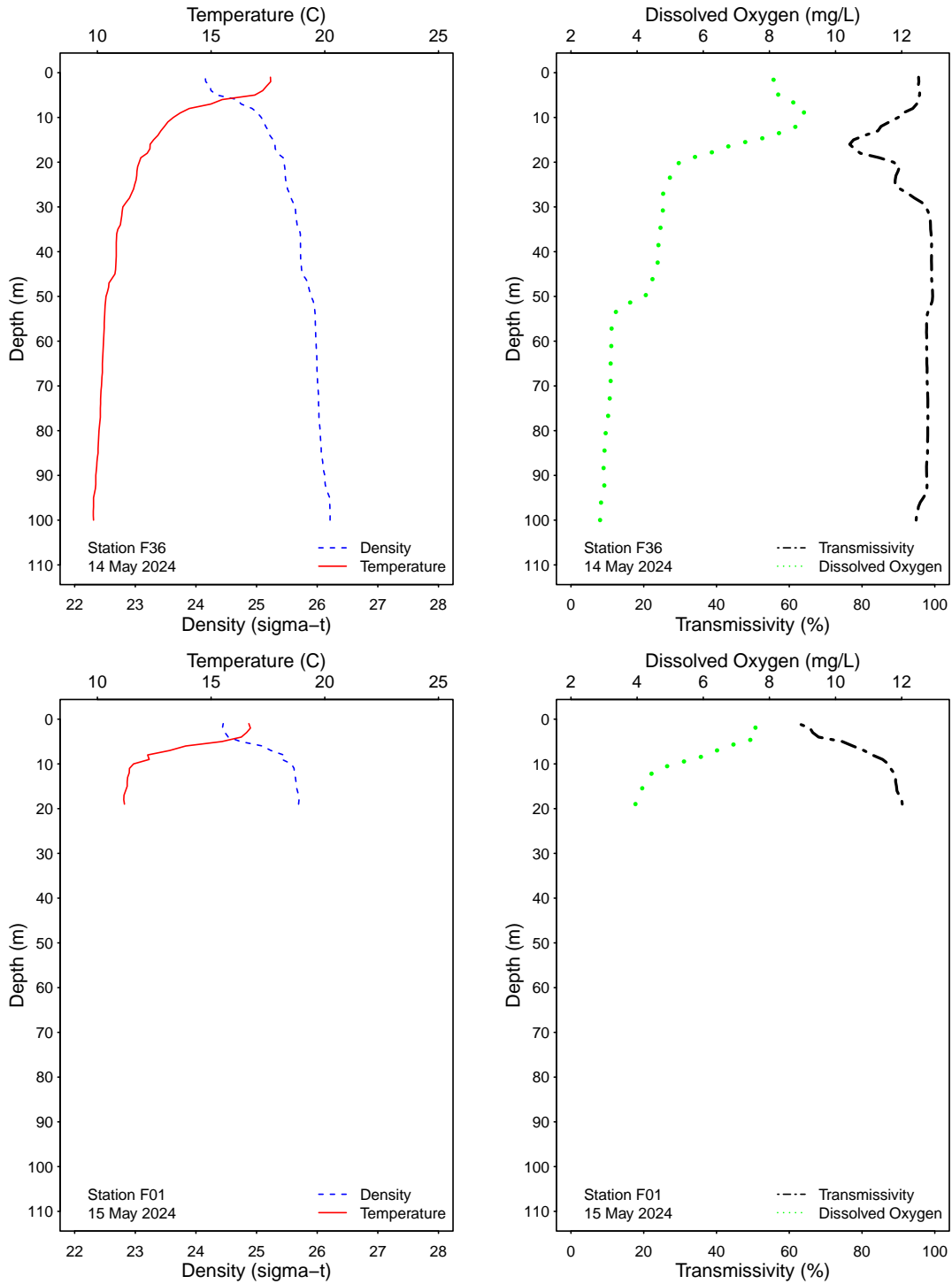


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

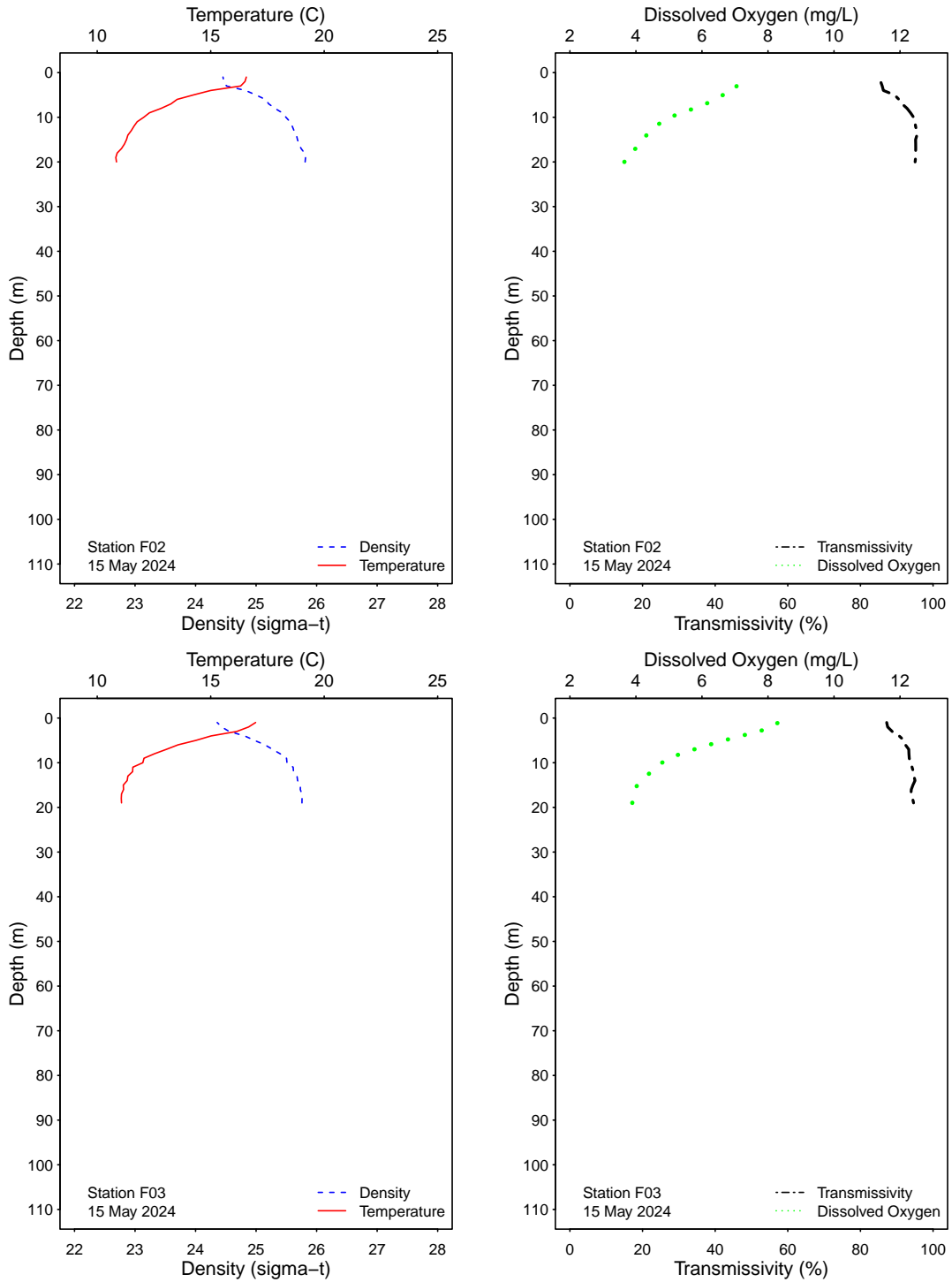


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

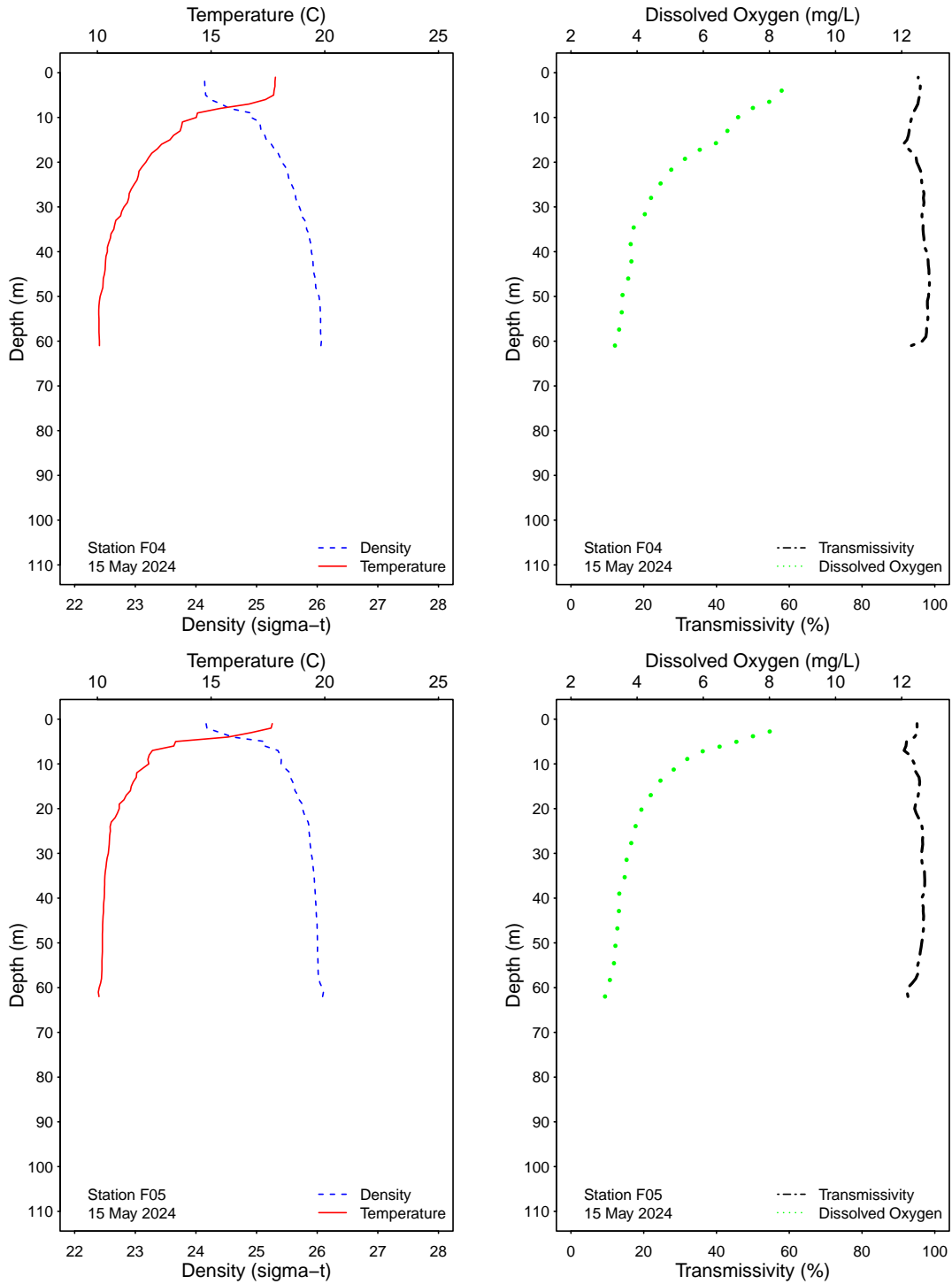


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

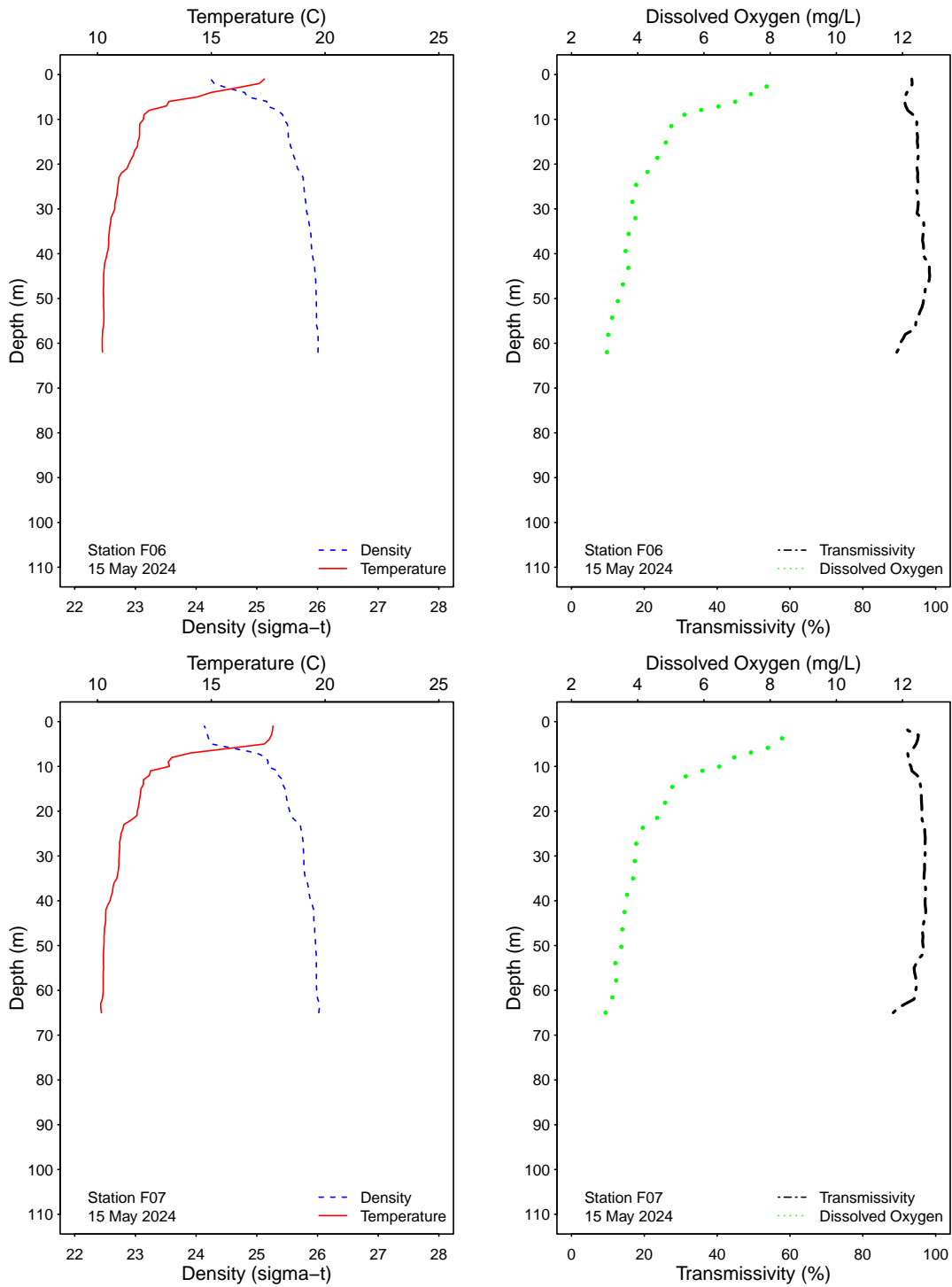


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

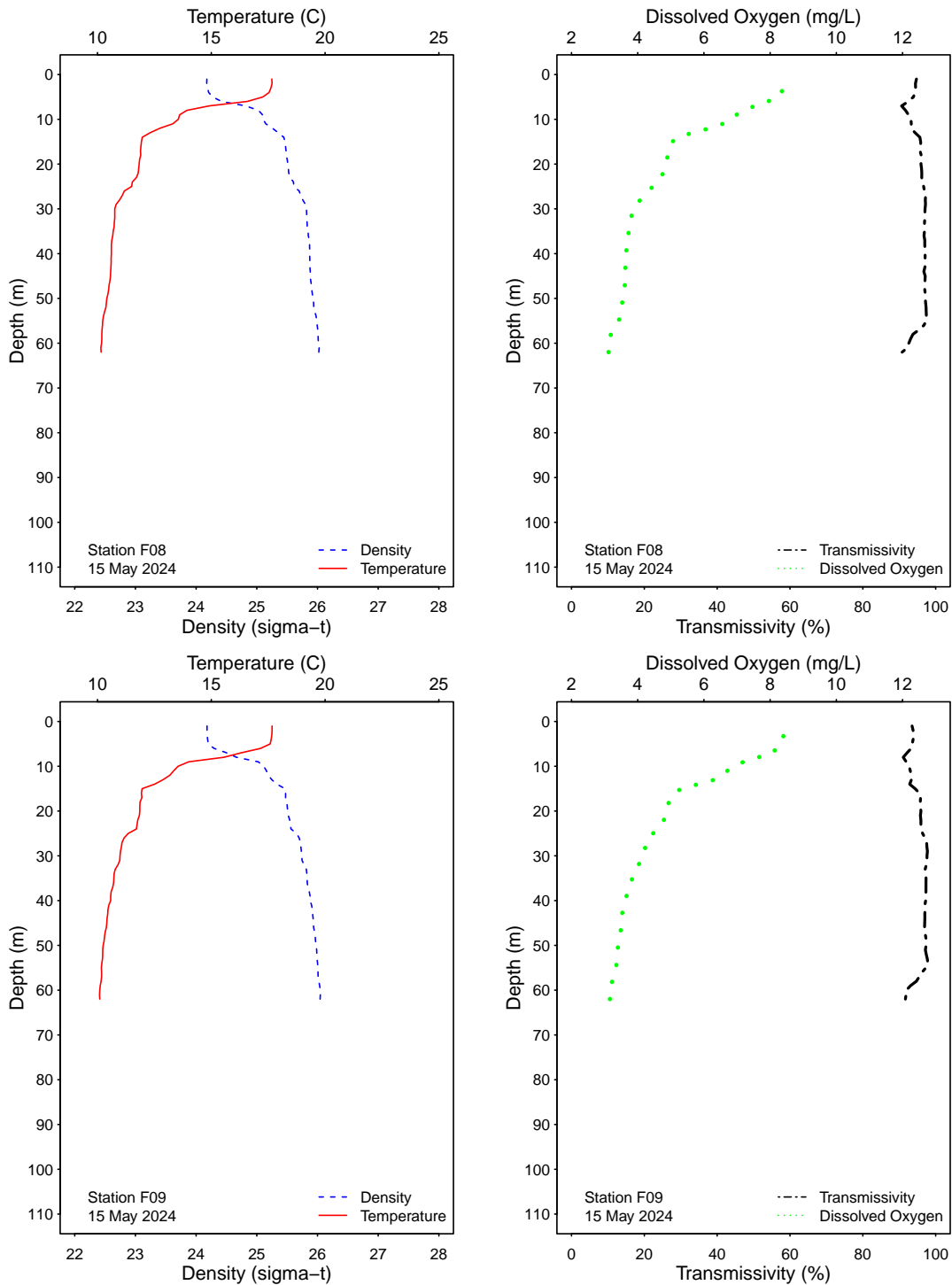


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

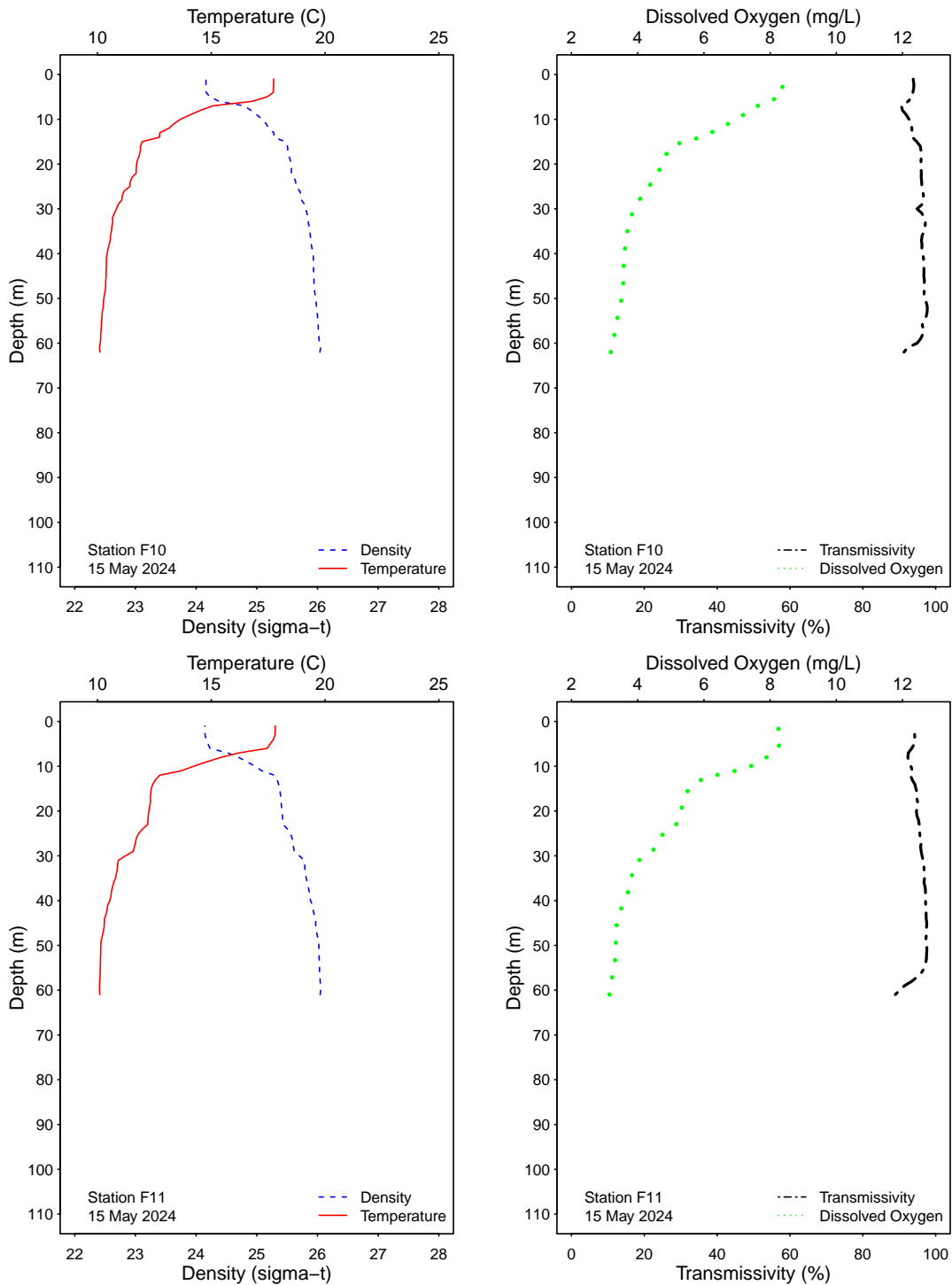


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

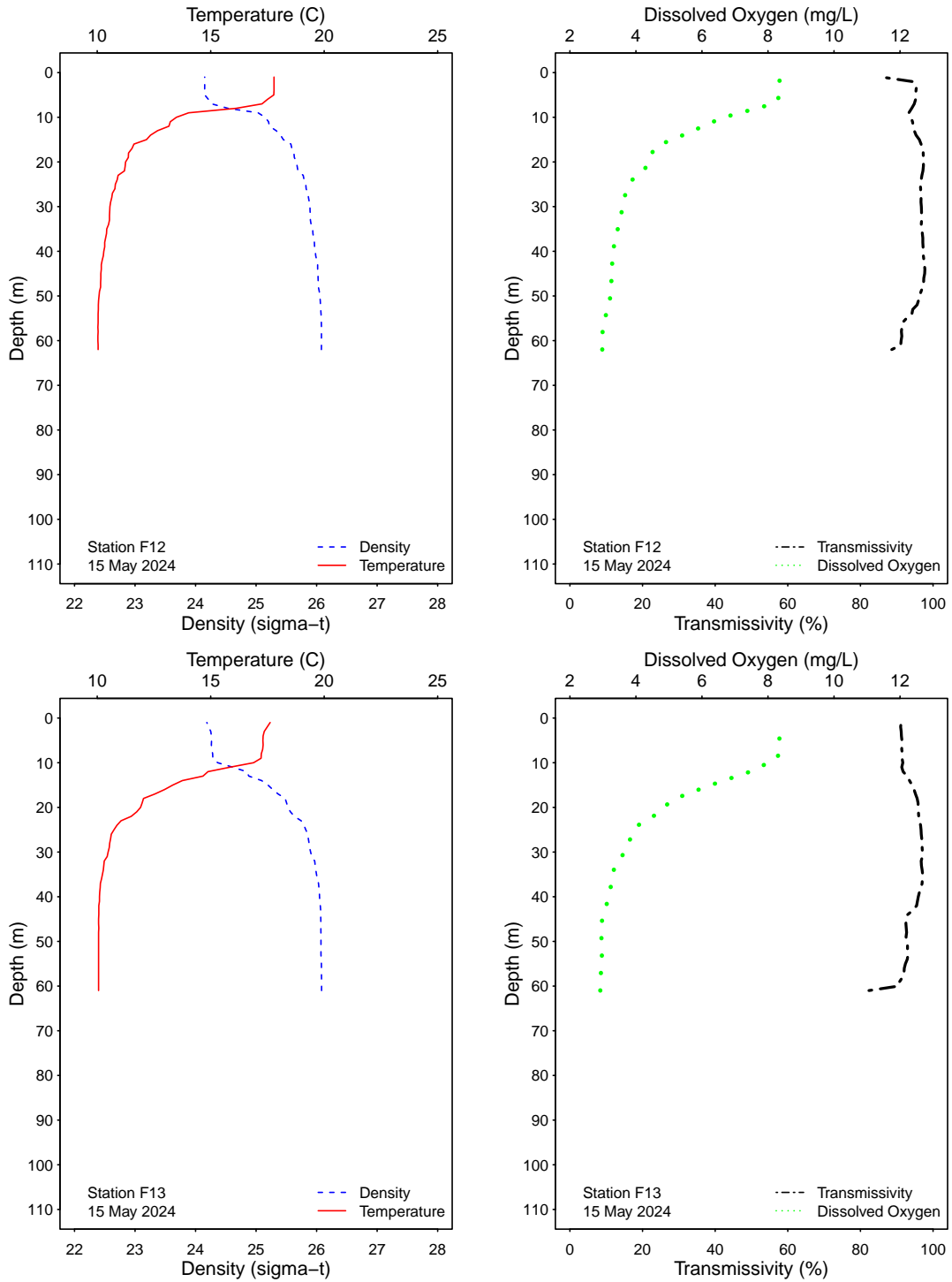


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

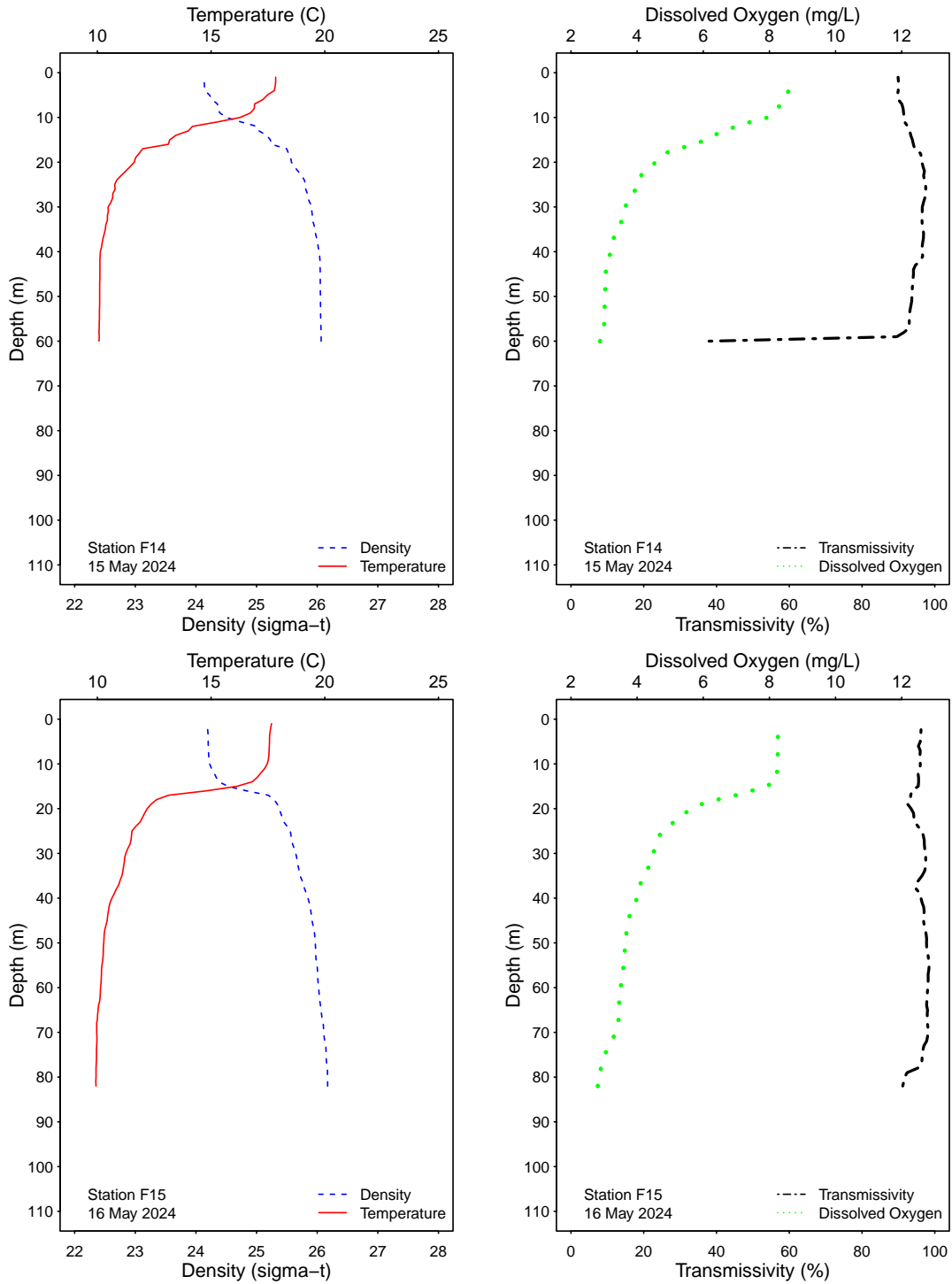


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

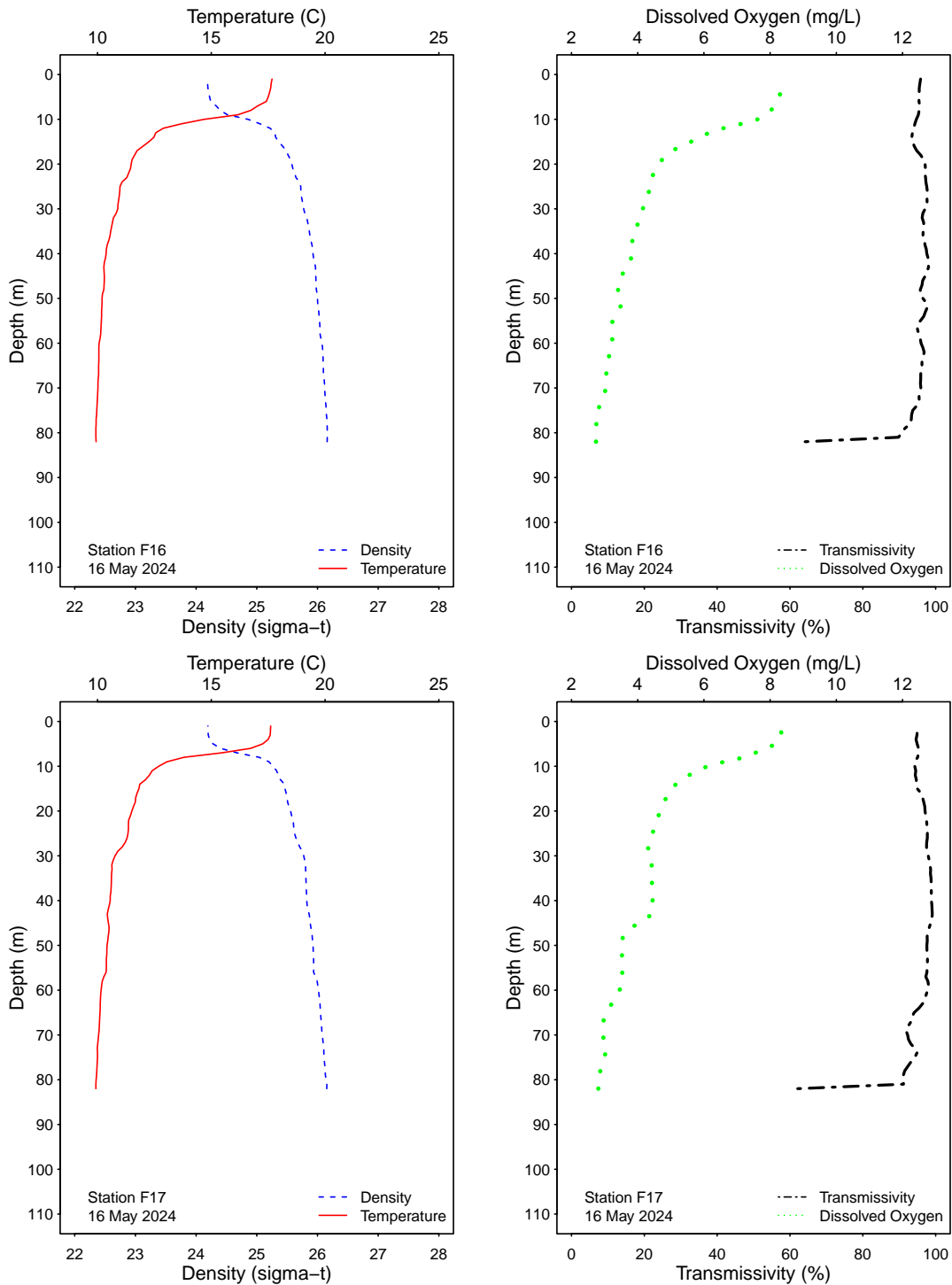


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

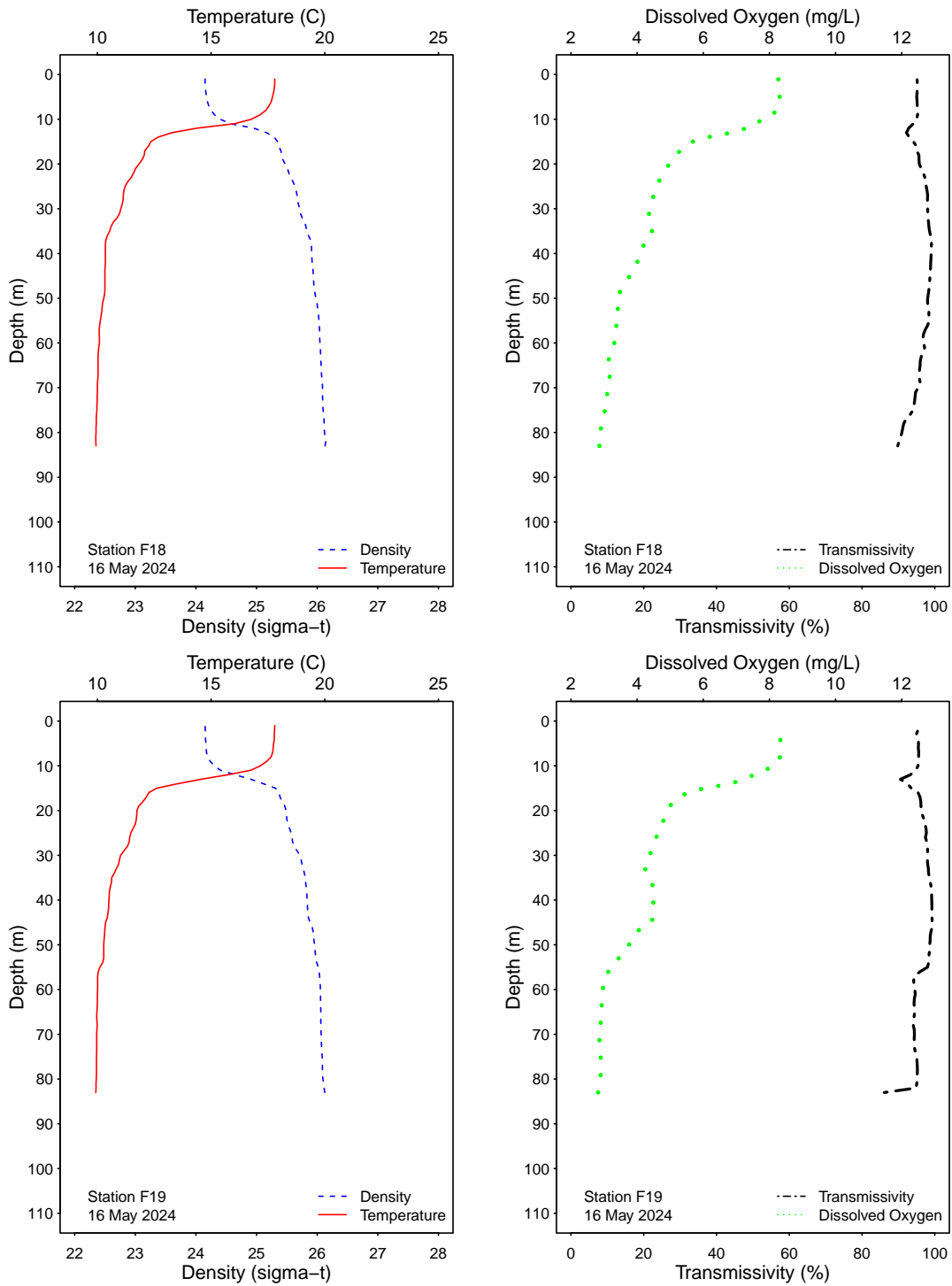


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

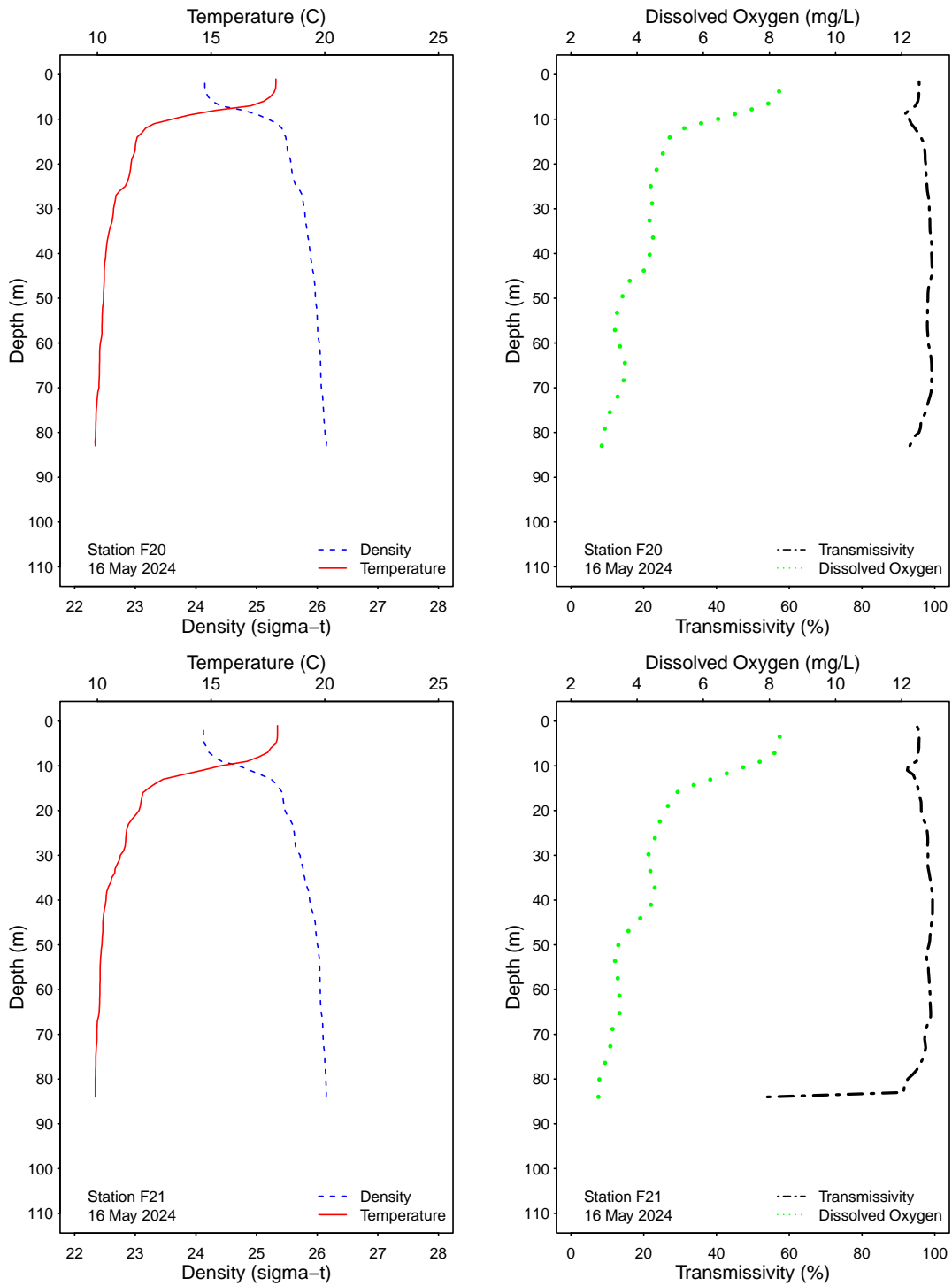


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

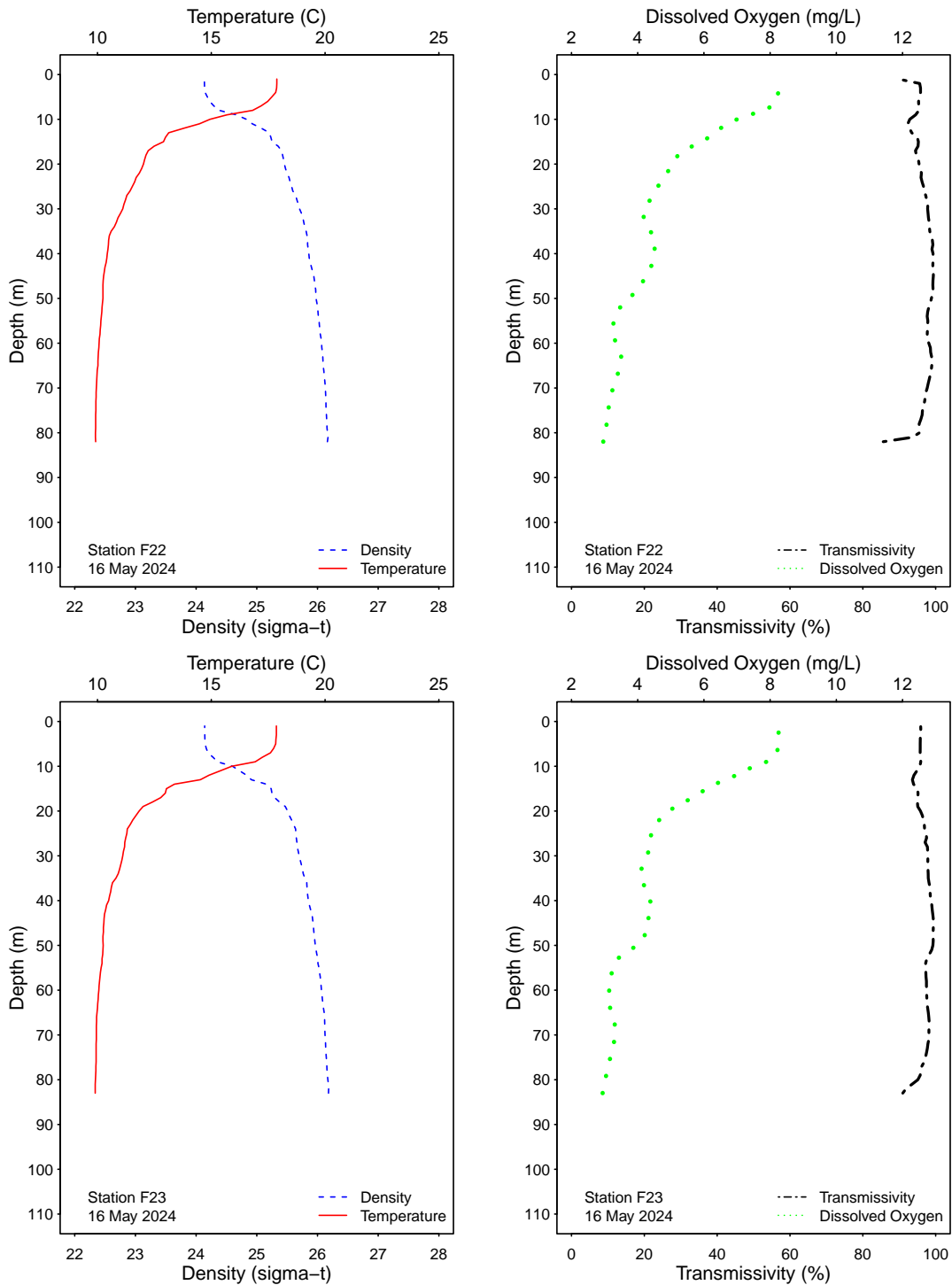


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

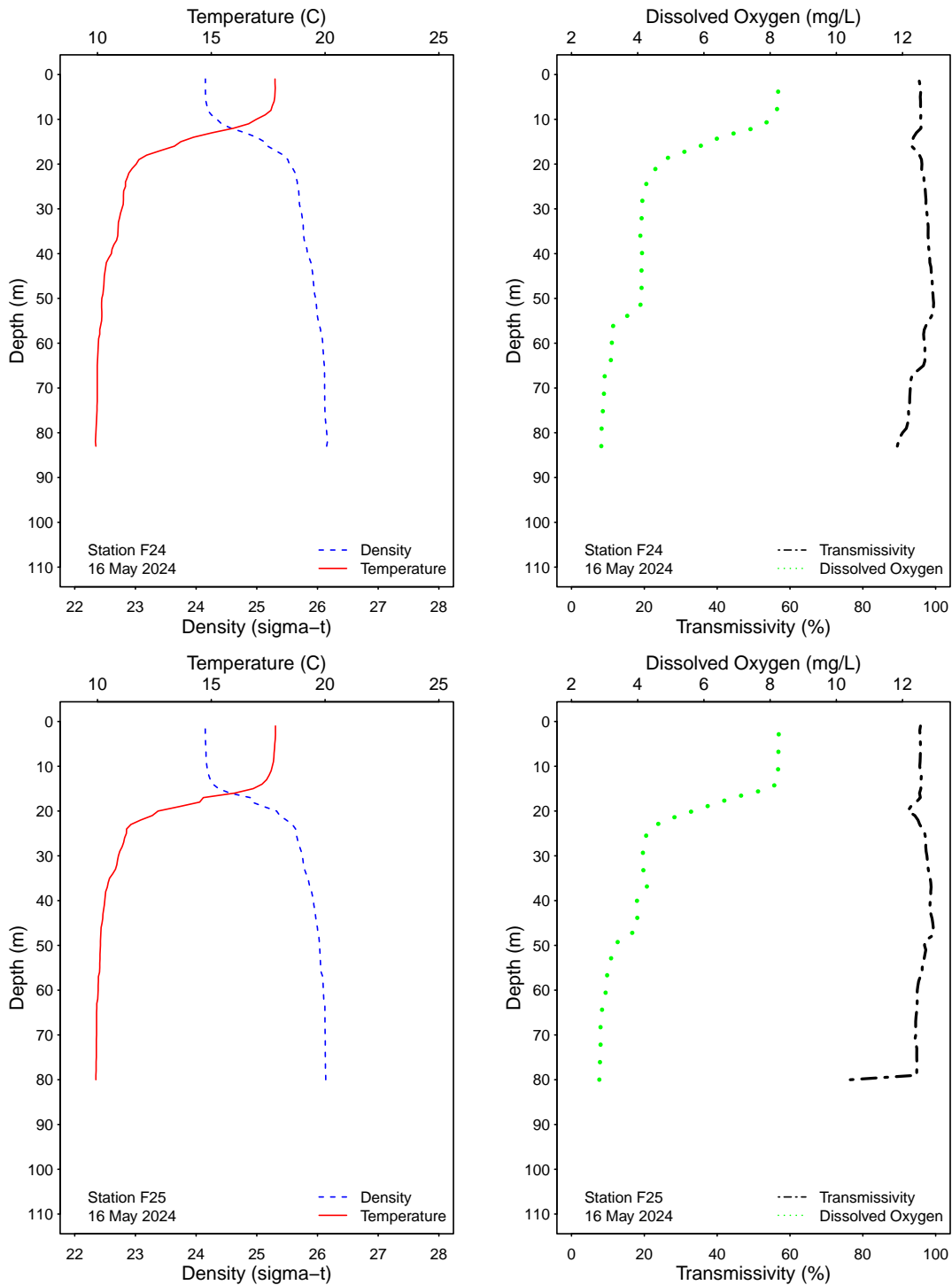


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

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	Enterococcus
F28	14 May 2024	60	KA,JF,KT/KA	LAB DUPLICATE	ns	ns	500
F17	16 May 2024	80	JF,KA/JF	LAB DUPLICATE	ns	ns	28
F01	15 May 2024	12	JF,KA,KT/JF	LAB DUPLICATE	ns	ns	2
F29	14 May 2024	60	KA,JF,KT/KA	LAB DUPLICATE	ns	ns	1000
F18	16 May 2024	60	JF,KA/JF	LAB DUPLICATE	ns	ns	380
F07	15 May 2024	60	JF,KA,KT/JF	LAB DUPLICATE	ns	ns	10
F30	14 May 2024	60	KA,JF,KT/KA	LAB DUPLICATE	ns	ns	1100
F19	16 May 2024	60	JF,KA/JF	LAB DUPLICATE	ns	ns	880
F08	15 May 2024	60	JF,KA,KT/JF	LAB DUPLICATE	ns	ns	20
A7	06 May 2024	18	KA,KT,JF,ADG	LAB DUPLICATE	2	2	2
A7	13 May 2024	18	KT,BS,KA/KA	LAB DUPLICATE	30	10	2
A7	20 May 2024	18	JF,BS,KT,KA/	LAB DUPLICATE	60	4	4
A7	28 May 2024	18	JF	LAB DUPLICATE	4	2	2
F31	14 May 2024	80	KA,JF,KT/KA	LAB DUPLICATE	ns	ns	12
F20	16 May 2024	60	JF,KA/JF	LAB DUPLICATE	ns	ns	4
F32	14 May 2024	80	KA,JF,KT/KA	LAB DUPLICATE	ns	ns	44
F21	16 May 2024	80	JF,KA/JF	LAB DUPLICATE	ns	ns	280
C7	06 May 2024	18	KA,KT,JF,ADG	LAB DUPLICATE	4	6	2
C7	13 May 2024	18	KT,BS,KA/KA	LAB DUPLICATE	2	2	2
C7	20 May 2024	18	JF,BS,KT,KA/	LAB DUPLICATE	20	6	2
C7	28 May 2024	18	JF	LAB DUPLICATE	2	2	2
F11	15 May 2024	60	JF,KA,KT/JF	LAB DUPLICATE	ns	ns	46
C8	06 May 2024	12	KA,KT,JF,ADG	LAB DUPLICATE	2	2	2
C8	13 May 2024	12	KT,BS,KA/KA	LAB DUPLICATE	2	2	2
C8	20 May 2024	12	JF,BS,KT,KA/	LAB DUPLICATE	2	2	2
C8	28 May 2024	12	JF	LAB DUPLICATE	4	2	2
F34	14 May 2024	60	KA,JF,KT/KA	LAB DUPLICATE	ns	ns	8
F02	15 May 2024	12	JF,KA,KT/JF	LAB DUPLICATE	ns	ns	2
D12	01 May 2024		KA,JF/JF	LAB DUPLICATE	2	2	2
D12	01 May 2024		KA,JF/JF	FIELD DUPLICATE	2	2	2
D12	08 May 2024		KT, JF/KT	LAB DUPLICATE	20	2	2
D12	08 May 2024		KT, JF/KT	FIELD DUPLICATE	20	2	2
D12	15 May 2024		KT,KA/JF	LAB DUPLICATE	20	2	2
D12	15 May 2024		KT,KA/JF	FIELD DUPLICATE	20	2	2
D12	22 May 2024		JF,KT/KA	LAB DUPLICATE	20	2	10
D12	22 May 2024		JF,KT/KA	FIELD DUPLICATE	20	2	2
D12	29 May 2024		KA	FIELD DUPLICATE	20	2	2
D12	29 May 2024			LAB DUPLICATE	ns	ns	ns

ns = not sampled

ND = no data

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APPENDIX B

Quality Assurance

Shore Stations

Table B.1

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

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 May 2024	2	2	2	2	3	2	2	2
02 May 2024	2	2	2	2	3	2	2	2
03 May 2024	2	2	2	2	3	2	2	2
04 May 2024	2	2	2	2	3	2	2	2
05 May 2024	2	2	2	2	3	2	2	2
06 May 2024	2	2	2	2	3	2	2	2
07 May 2024	2	2	2	2	3	2	2	2
08 May 2024	2	2	2	2	3	3	4	2
09 May 2024	2	2	2	2	3	3	4	2
10 May 2024	2	2	2	2	3	3	4	2
11 May 2024	2	2	2	2	3	3	4	2
12 May 2024	2	2	2	2	3	3	4	2
13 May 2024	2	2	2	2	3	3	4	2
14 May 2024	2	2	2	2	3	3	4	2
15 May 2024	2	2	2	2	3	3	4	2
16 May 2024	2	2	2	2	3	3	4	2
17 May 2024	2	2	2	2	3	3	4	2
18 May 2024	2	2	2	2	3	3	4	2
19 May 2024	2	2	2	2	3	3	4	2
20 May 2024	2	2	2	2	3	3	4	2
21 May 2024	2	2	2	2	3	3	4	2
22 May 2024	2	2	2	2	3	3	4	3
23 May 2024	2	2	2	2	3	3	4	3
24 May 2024	2	2	2	2	3	3	4	3
25 May 2024	2	2	2	2	3	3	4	3
26 May 2024	2	2	2	2	3	3	4	3
27 May 2024	2	2	2	2	3	3	4	3
28 May 2024	2	2	2	2	3	3	4	3
29 May 2024	2	2	2	2	3	3	6	3
30 May 2024	2	2	2	2	3	3	6	3
31 May 2024	2	2	2	2	3	3	6	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-B	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-B	D9	D10	D11	D12
01 May 2024	2	4	20	20	6	20	80	4
02 May 2024	2	4	20	20	6	20	80	4
03 May 2024	*2	*3	*20	*16	*5	*20	*120	*12
04 May 2024	*2	*3	*20	*16	*5	*20	*120	*12
05 May 2024	*2	*3	*20	*16	*5	*20	*120	*12
06 May 2024	*2	*3	*20	*16	*5	*20	*120	*12
07 May 2024	*2	*3	*20	*16	*5	*20	*120	*12
08 May 2024	2	4	20	20	6	20	140	20
09 May 2024	2	4	20	20	6	20	140	20
10 May 2024	*2	*11	*20	*20	*13	*20	*170	*12
11 May 2024	*2	*11	*20	*20	*13	*20	*170	*12
12 May 2024	*2	*11	*20	*20	*13	*20	*170	*12
13 May 2024	*2	*11	*20	*20	*13	*20	*170	*12
14 May 2024	*2	*11	*20	*20	*13	*20	*170	*12
15 May 2024	2	20	20	20	20	20	140	20
16 May 2024	2	20	20	20	20	20	140	20
17 May 2024	*11	*20	*20	*20	*20	*20	*170	*20
18 May 2024	*11	*20	*20	*20	*20	*20	*170	*20
19 May 2024	*11	*20	*20	*20	*20	*20	*170	*20
20 May 2024	*11	*20	*20	*20	*20	*20	*170	*20
21 May 2024	*11	*20	*20	*20	*20	*20	*170	*20
22 May 2024	20	20	20	20	20	20	140	20
23 May 2024	20	20	20	20	20	20	140	20
24 May 2024	*20	*20	*20	*20	*16	*30	*80	*20
25 May 2024	*20	*20	*20	*20	*16	*30	*80	*20
26 May 2024	*20	*20	*20	*20	*16	*30	*80	*20
27 May 2024	*20	*20	*20	*20	*16	*30	*80	*20
28 May 2024	*20	*20	*20	*20	*16	*30	*80	*20
29 May 2024	20	20	20	20	20	20	60	20
30 May 2024	20	20	20	20	20	20	60	20
31 May 2024	*20	*20	*20	*20	*20	*30	*40	*20

* Median calculated using n<5

Table B.4

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

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

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Kelp Stations

Table B.5

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

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

* Geometric mean calculated using n<5

Table B.6

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
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 MedianTM standard for total coliform bacteria at the PLOO kelp stations. Data are based on the median of the five most recent samples from each site over the previous 30 days unless otherwise noted (*). Values >70 CFU/100 mL exceed the standard.

Date	A1			A6			A7			C4			C5			C6			C7			C8		
	1m	12m	18m	1m	12m	18m	1m	12m	18m	1m	3m	9m	1m	3m	9m	1m	3m	9m	1m	12m	18m	1m	12m	18m
01 May 2024	2	2	8	2	6	14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
02 May 2024	*2	*2	*8	*2	*4	*13	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
03 May 2024	*2	*2	*8	*2	*4	*13	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
04 May 2024	*2	*2	*8	*2	*4	*13	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
05 May 2024	*2	*2	*8	*2	*4	*13	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
06 May 2024	2	2	8	2	2	12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
07 May 2024	2	2	8	2	2	12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
08 May 2024	2	2	8	2	2	12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
09 May 2024	*2	*2	*6	*3	*11	*14	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
10 May 2024	*2	*2	*6	*3	*11	*14	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
11 May 2024	*2	*2	*6	*3	*11	*14	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
12 May 2024	*2	*2	*6	*3	*11	*14	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
13 May 2024	2	2	8	2	2	12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14 May 2024	2	2	8	2	2	12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15 May 2024	2	2	8	2	2	12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16 May 2024	*2	*2	*6	*2	*11	*19	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
17 May 2024	*2	*2	*6	*2	*11	*19	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
18 May 2024	*2	*2	*6	*2	*11	*19	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
19 May 2024	*2	*2	*6	*2	*11	*19	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
20 May 2024	2	2	8	2	2	12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21 May 2024	2	2	8	2	2	12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22 May 2024	2	2	8	2	2	12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23 May 2024	*2	*5	*13	*2	*11	*30	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
24 May 2024	*2	*5	*13	*2	*11	*30	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
25 May 2024	*2	*5	*13	*2	*11	*30	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
26 May 2024	*2	*5	*13	*2	*11	*30	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
27 May 2024	*2	*5	*13	*2	*11	*30	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
28 May 2024	2	2	4	2	2	8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29 May 2024	2	2	4	2	2	8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30 May 2024	*2	*5	*12	*2	*2	*12	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
31 May 2024	*2	*5	*12	*2	*2	*12	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*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

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

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

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