



POINT LOMA OCEAN OUTFALL MONTHLY RECEIVING WATERS MONITORING REPORT

POINT LOMA WASTEWATER TREATMENT PLANT

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

AUGUST 2024

Environmental Monitoring and Technical Services
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September 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 August 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 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 August 7, 14, 21, and 28.
- During the August report period, one of the eight shore stations was out of compliance with 2015 California Ocean Plan (Ocean Plan) water contact standards on one or more days as follows:
 - The 30-day geometric mean standard for *Enterococcus* was exceeded at station D11.
- Nothing of sewage origin was detected at PLOO shore stations in August.
- Over the years, elevated bacteria levels at shore and kelp bed stations have tended to be associated with rainfall events, heavy recreational use, or the presence of seabirds or decaying kelp and surf grass. See the City of San Diego's most recent *Biennial Receiving Waters Monitoring and Assessment Report for the Point Loma and South Bay Ocean Outfalls* for details (<https://www.sandiego.gov/public-utilities/sustainability/ocean-monitoring/reports>).

Kelp Bed Stations

- The eight kelp bed water quality stations (A1, A6, A7, C4, C5, C6, C7, C8) were sampled on August 5, 12, 20, and 27.

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

- During the August report period, each of the eight kelp stations was in compliance with 2015 California Ocean Plan (Ocean Plan) water contact standards
- Water column temperatures ranged from 11.29 to 22.59°C. The difference between surface and bottom waters ranged from 2.06 to 8.88°C.
- Chlorophyll *a* concentrations ranged from 0.35 to 9.86 µg/L.
- Nothing of sewage origin was observed at any of the PLOO kelp stations in August.

Offshore Stations

- Quarterly offshore water quality sampling was conducted on August 13, 14, and 15.
- During the August report period, one of the 15 offshore stations located within State jurisdictional waters (i.e., F01–F03, F06–F14, F18–F20) was out of compliance with the various 2015 Ocean Plan water contact standards on one or more days as follows.
 - The single sample maximum standard for *Enterococcus* was exceeded at station F20.
- Of the remaining 21 offshore stations, elevated densities of *Enterococcus* bacteria (i.e., >104 CFU/100 mL) were detected at stations F21, F31, F32, and F33 at depths ≥ 60 meters.
- Water column temperatures ranged from 10.52 to 23.58°C. The difference between surface and bottom waters ranged from 6.49 to 12.95°C.
- Chlorophyll *a* concentrations ranged from 0.06 to 26.8 µg/L at the offshore stations.
- Nothing of sewage origin was observed at any of the PLOO offshore stations in August.
- CDOM data are available upon request.



TABLES AND FIGURES

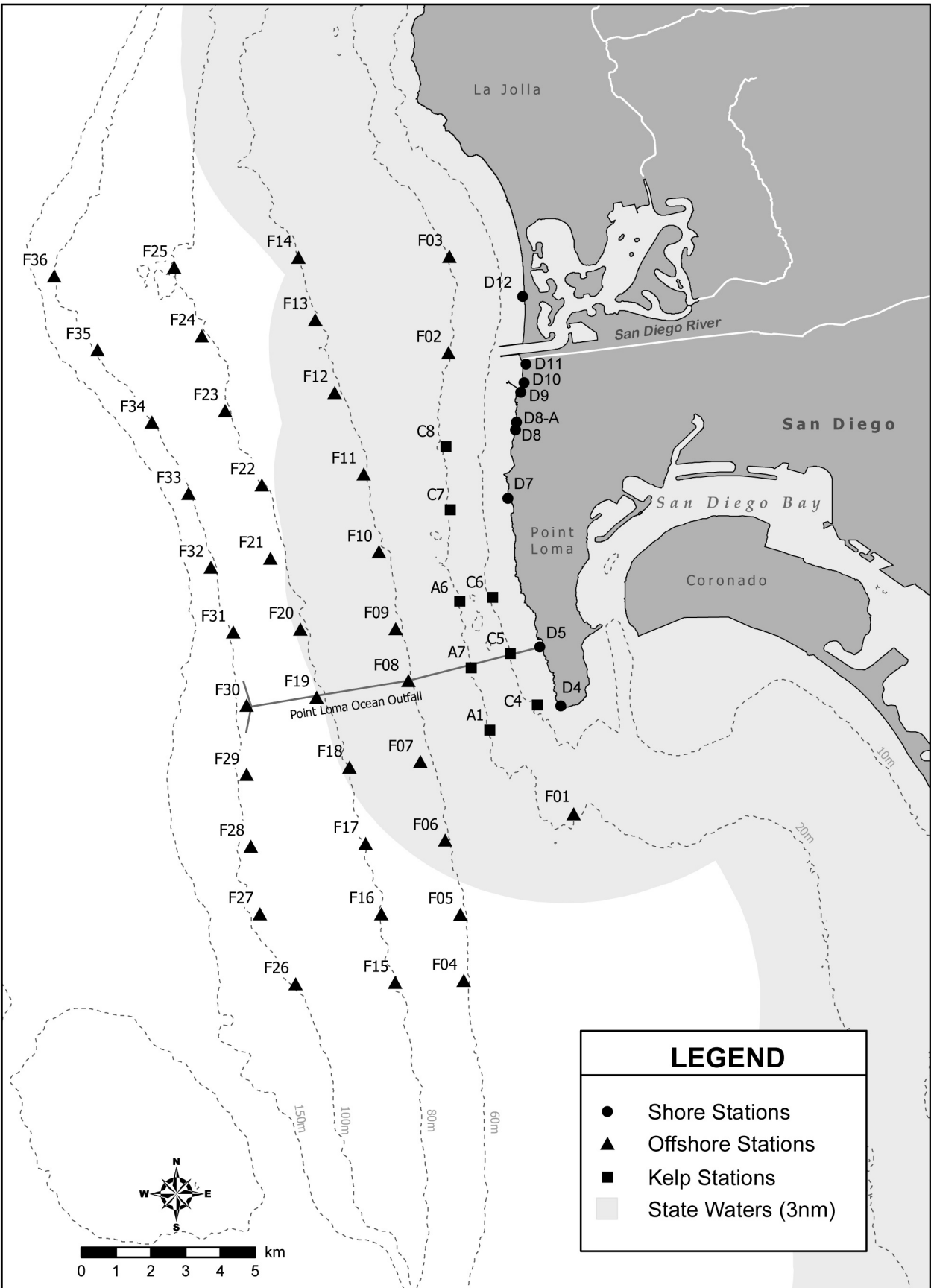


Figure 1.1 Station Map

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Shore Stations

Table 2.1

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

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Aug 2024	*2	*2	*2	*10	*3	*7	*50	*4
02 Aug 2024	*2	*2	*2	*10	*3	*7	*50	*4
03 Aug 2024	*2	*2	*2	*10	*3	*7	*50	*4
04 Aug 2024	*2	*2	*2	*10	*3	*7	*50	*4
05 Aug 2024	*2	*2	*2	*10	*3	*7	*50	*4
06 Aug 2024	*2	*2	*2	*10	*3	*7	*50	*4
07 Aug 2024	2	2	2	7	4	7	35	5
08 Aug 2024	2	2	2	7	4	7	35	5
09 Aug 2024	*2	*2	*2	*9	*4	*7	*38	*6
10 Aug 2024	*2	*2	*2	*9	*4	*7	*38	*6
11 Aug 2024	*2	*2	*2	*9	*4	*7	*38	*6
12 Aug 2024	*2	*2	*2	*9	*4	*7	*38	*6
13 Aug 2024	*2	*2	*2	*9	*4	*7	*38	*6
14 Aug 2024	2	2	4	6	5	6	28	8
15 Aug 2024	2	2	4	6	5	6	28	8
16 Aug 2024	*2	*2	*4	*4	*4	*5	*30	*12
17 Aug 2024	*2	*2	*4	*4	*4	*5	*30	*12
18 Aug 2024	*2	*2	*4	*4	*4	*5	*30	*12
19 Aug 2024	*2	*2	*4	*4	*4	*5	*30	*12
20 Aug 2024	*2	*2	*4	*4	*4	*5	*30	*12
21 Aug 2024	2	2	4	4	6	6	28	8
22 Aug 2024	2	2	4	4	6	6	28	8
23 Aug 2024	*2	*2	*5	*5	*7	*5	*13	*12
24 Aug 2024	*2	*2	*5	*5	*7	*5	*13	*12
25 Aug 2024	*2	*2	*5	*5	*7	*5	*13	*12
26 Aug 2024	*2	*2	*5	*5	*7	*5	*13	*12
27 Aug 2024	*2	*2	*5	*5	*7	*5	*13	*12
28 Aug 2024	2	2	4	4	6	6	10	14
29 Aug 2024	2	2	4	4	6	6	10	14
30 Aug 2024	*2	*2	*5	*3	*7	*6	*8	*13
31 Aug 2024	*2	*2	*5	*3	*7	*6	*8	*13

* 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
07 Aug 2024	IC	IC	IC	IC	IC	IC	IC	IC
14 Aug 2024	IC	IC	IC	IC	IC	IC	IC	IC
21 Aug 2024	IC	IC	IC	IC	IC	IC	IC	IC
28 Aug 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 Aug 2024	*2	*2	*3	*3	*2	*2	*62	*3
02 Aug 2024	*2	*2	*3	*3	*2	*2	*62	*3
03 Aug 2024	*2	*2	*3	*3	*2	*2	*62	*3
04 Aug 2024	*2	*2	*3	*3	*2	*2	*62	*3
05 Aug 2024	*2	*2	*3	*3	*2	*2	*62	*3
06 Aug 2024	*2	*2	*3	*3	*2	*2	*62	*3
07 Aug 2024	2	2	2	3	2	2	31	3
08 Aug 2024	2	2	2	3	2	2	31	3
09 Aug 2024	*2	*2	*3	*3	*2	*2	*15	*3
10 Aug 2024	*2	*2	*3	*3	*2	*2	*15	*3
11 Aug 2024	*2	*2	*3	*3	*2	*2	*15	*3
12 Aug 2024	*2	*2	*3	*3	*2	*2	*15	*3
13 Aug 2024	*2	*2	*3	*3	*2	*2	*15	*3
14 Aug 2024	2	2	2	3	2	2	14	3
15 Aug 2024	2	2	2	3	2	2	14	3
16 Aug 2024	*2	*2	*3	*3	*2	*2	*18	*3
17 Aug 2024	*2	*2	*3	*3	*2	*2	*18	*3
18 Aug 2024	*2	*2	*3	*3	*2	*2	*18	*3
19 Aug 2024	*2	*2	*3	*3	*2	*2	*18	*3
20 Aug 2024	*2	*2	*3	*3	*2	*2	*18	*3
21 Aug 2024	2	2	2	3	2	2	17	3
22 Aug 2024	2	2	2	3	2	2	17	3
23 Aug 2024	*2	*2	*2	*3	*2	*2	*6	*3
24 Aug 2024	*2	*2	*2	*3	*2	*2	*6	*3
25 Aug 2024	*2	*2	*2	*3	*2	*2	*6	*3
26 Aug 2024	*2	*2	*2	*3	*2	*2	*6	*3
27 Aug 2024	*2	*2	*2	*3	*2	*2	*6	*3
28 Aug 2024	2	2	2	3	2	2	5	4
29 Aug 2024	2	2	2	3	2	2	5	4
30 Aug 2024	*2	*2	*2	*3	*2	*2	*5	*3
31 Aug 2024	*2	*2	*2	*3	*2	*2	*5	*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
07 Aug 2024	IC	IC	IC	IC	IC	IC	IC	IC
14 Aug 2024	IC	IC	IC	IC	IC	IC	IC	IC
21 Aug 2024	IC	IC	IC	IC	IC	IC	IC	IC
28 Aug 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 Aug 2024	*31	*20	*36	*31	*46	*50	*134	*20
02 Aug 2024	*31	*20	*36	*31	*46	*50	*134	*20
03 Aug 2024	*31	*20	*36	*31	*46	*50	*134	*20
04 Aug 2024	*31	*20	*36	*31	*46	*50	*134	*20
05 Aug 2024	*31	*20	*36	*31	*46	*50	*134	*20
06 Aug 2024	*31	*20	*36	*31	*46	*50	*134	*20
07 Aug 2024	18	20	50	28	39	48	114	32
08 Aug 2024	18	20	50	28	39	48	114	32
09 Aug 2024	*20	*20	*63	*28	*50	*53	*99	*36
10 Aug 2024	*20	*20	*63	*28	*50	*53	*99	*36
11 Aug 2024	*20	*20	*63	*28	*50	*53	*99	*36
12 Aug 2024	*20	*20	*63	*28	*50	*53	*99	*36
13 Aug 2024	*20	*20	*63	*28	*50	*53	*99	*36
14 Aug 2024	25	32	80	42	55	43	72	32
15 Aug 2024	25	32	80	42	55	43	72	32
16 Aug 2024	*15	*36	*112	*36	*40	*40	*70	*36
17 Aug 2024	*15	*36	*112	*36	*40	*40	*70	*36
18 Aug 2024	*15	*36	*112	*36	*40	*40	*70	*36
19 Aug 2024	*15	*36	*112	*36	*40	*40	*70	*36
20 Aug 2024	*15	*36	*112	*36	*40	*40	*70	*36
21 Aug 2024	25	50	126	50	46	55	68	32
22 Aug 2024	25	50	126	50	46	55	68	32
23 Aug 2024	*26	*63	*112	*63	*48	*60	*35	*36
24 Aug 2024	*26	*63	*112	*63	*48	*60	*35	*36
25 Aug 2024	*26	*63	*112	*63	*48	*60	*35	*36
26 Aug 2024	*26	*63	*112	*63	*48	*60	*35	*36
27 Aug 2024	*26	*63	*112	*63	*48	*60	*35	*36
28 Aug 2024	39	50	126	50	46	76	31	32
29 Aug 2024	39	50	126	50	46	76	31	32
30 Aug 2024	*47	*63	*200	*63	*48	*75	*35	*36
31 Aug 2024	*47	*63	*200	*63	*48	*75	*35	*36

* Median calculated using n<5

Table 2.6

Summary of compliance at the PLOO shore stations with the Ocean Plan's Single Sample Maximum for total coliform bacteria, which states that total coliform density shall not exceed 10^4 CFU/100 mL.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
07 Aug 2024	IC	IC	IC	IC	IC	IC	IC	IC
14 Aug 2024	IC	IC	IC	IC	IC	IC	IC	IC
21 Aug 2024	IC	IC	IC	IC	IC	IC	IC	IC
28 Aug 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
07 Aug 2024	IC	IC	IC	IC	IC	IC	IC	IC
14 Aug 2024	IC	IC	IC	IC	IC	IC	IC	IC
21 Aug 2024	IC	IC	IC	IC	IC	IC	IC	IC
28 Aug 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	07 Aug 2024	819	40e	8e	2e
D10	14 Aug 2024	832	20e	2e	<2
D10	21 Aug 2024	852	<200	12e	4e
D10	28 Aug 2024	821	<200	8e	<2
D11	07 Aug 2024	810	60e	8e	2e
D11	14 Aug 2024	822	20e	8e	8e
D11	21 Aug 2024	835	60e	20e	12e
D11	28 Aug 2024	813	20e	4e	4e
D12	07 Aug 2024	752	<200	12e	2e
D12	14 Aug 2024	805	<20	40e	<2
D12	21 Aug 2024	814	<20	<2	<2
D12	28 Aug 2024	754	20e	26e	18e
D4	07 Aug 2024	926	2e	<2	<2
D4	14 Aug 2024	944	60e	<2	2e
D4	21 Aug 2024	1042	<200	<2	<2
D4	28 Aug 2024	936	<200	<2	<2
D5	07 Aug 2024	915	<20	2e	<2
D5	14 Aug 2024	932	<200	<2	<2
D5	21 Aug 2024	1010	<200	2e	<2
D5	28 Aug 2024	924	<20	<2	<2
D7	07 Aug 2024	848	200e	2e	<2
D7	14 Aug 2024	907	<200	<20	<2
D7	21 Aug 2024	937	200e	8e	<2
D7	28 Aug 2024	855	<200	<2	<2
D8-B	07 Aug 2024	837	<20	<2	6e
D8-B	14 Aug 2024	854	<200	<2	<2
D8-B	21 Aug 2024	920	<200	6e	2e
D8-B	28 Aug 2024	842	20e	<2	2e
D9	07 Aug 2024	829	20e	6e	2e
D9	14 Aug 2024	844	80e	8e	2e
D9	21 Aug 2024	907	80e	30e	2e
D9	28 Aug 2024	832	40e	2e	<2

ns = not sampled

ND = no data

Comments

date	station	depth	parmcode	comments
07-Aug-2024	D11			QC for Entero analysis had bact. growth on non-selective media, and none on selective media. Thus, sample results not believed to be affected
07-Aug-2024	D12			QC for Entero analysis had bact. growth on non-selective media, and none on selective media. Thus, sample results not believed to be affected
14-Aug-2024	D4			QC for Entero analysis had bact. growth on nonselective media, and none on selective media. Thus, sample results not believed to be affected
14-Aug-2024	D5			QC for Entero analysis had bact. growth on nonselective media, and none on selective media. Thus, sample results not believed to be affected
14-Aug-2024	D8-B			QC for Entero analysis had bact. growth on nonselective media, and none on selective media. Thus, sample results not believed to be affected
14-Aug-2024	D7			QC for Entero analysis had bact. growth on nonselective media, and none on selective media. Thus, sample results not believed to be affected
14-Aug-2024	D9			QC for Entero analysis had bact. growth on nonselective media, and none on selective media. Thus, sample results not believed to be affected
21-Aug-2024				TSA had one colony, but mEI none. This not likely affected the results

Table 2.9

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

Station	Date	Parameter	Value
D4	07 Aug 2024	Arrive Time	926
D4	07 Aug 2024	Wind Speed (kts)	4
D4	07 Aug 2024	Wind Dir	SW
D4	07 Aug 2024	Animal Life	
D4	07 Aug 2024	Floatables	None
D4	07 Aug 2024	Current Direction	S
D4	07 Aug 2024	Water Temp (C)	18.7
D4	07 Aug 2024	High Tide Time	1155
D4	07 Aug 2024	Low Tide Time	540
D4	07 Aug 2024	Comments	Water clear; Trash-1; Kelp;Seagrass
D4	14 Aug 2024	Arrive Time	947
D4	14 Aug 2024	Wind Speed (kts)	5.2
D4	14 Aug 2024	Wind Dir	W
D4	14 Aug 2024	Animal Life	
D4	14 Aug 2024	Floatables	None
D4	14 Aug 2024	Current Direction	S
D4	14 Aug 2024	Water Temp (C)	18.4
D4	14 Aug 2024	High Tide Time	823
D4	14 Aug 2024	Low Tide Time	42
D4	14 Aug 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris
D4	21 Aug 2024	Arrive Time	1042
D4	21 Aug 2024	Wind Speed (kts)	2.1
D4	21 Aug 2024	Wind Dir	E
D4	21 Aug 2024	Animal Life	
D4	21 Aug 2024	Floatables	None
D4	21 Aug 2024	Current Direction	N
D4	21 Aug 2024	Water Temp (C)	22.4
D4	21 Aug 2024	High Tide Time	1106
D4	21 Aug 2024	Low Tide Time	500
D4	21 Aug 2024	Comments	Water turbid; Trash-1
D4	28 Aug 2024	Arrive Time	936
D4	28 Aug 2024	Wind Speed (kts)	4.2
D4	28 Aug 2024	Wind Dir	NW
D4	28 Aug 2024	Animal Life	
D4	28 Aug 2024	Floatables	None
D4	28 Aug 2024	Current Direction	S
D4	28 Aug 2024	Water Temp (C)	18.4
D4	28 Aug 2024	High Tide Time	747
D4	28 Aug 2024	Low Tide Time	46
D4	28 Aug 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris
D5	07 Aug 2024	Arrive Time	915
D5	07 Aug 2024	Wind Speed (kts)	3.3
D5	07 Aug 2024	Wind Dir	NW
D5	07 Aug 2024	Animal Life	
D5	07 Aug 2024	Floatables	None
D5	07 Aug 2024	Current Direction	S
D5	07 Aug 2024	Water Temp (C)	17.3
D5	07 Aug 2024	High Tide Time	1155
D5	07 Aug 2024	Low Tide Time	540
D5	07 Aug 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris
D5	14 Aug 2024	Arrive Time	932

Station	Date	Parameter	Value
D5	14 Aug 2024	Wind Speed (kts)	1.1
D5	14 Aug 2024	Wind Dir	S
D5	14 Aug 2024	Animal Life	Seal/Sea Lion-1;
D5	14 Aug 2024	Floatables	None
D5	14 Aug 2024	Current Direction	S
D5	14 Aug 2024	Water Temp (C)	18.6
D5	14 Aug 2024	High Tide Time	823
D5	14 Aug 2024	Low Tide Time	42
D5	14 Aug 2024	Comments	Water clear; Trash-1; Seagrass;Kelp;Debris;Algae
D5	21 Aug 2024	Arrive Time	1010
D5	21 Aug 2024	Wind Speed (kts)	0
D5	21 Aug 2024	Wind Dir	XX
D5	21 Aug 2024	Animal Life	
D5	21 Aug 2024	Floatables	None
D5	21 Aug 2024	Current Direction	N
D5	21 Aug 2024	Water Temp (C)	22.1
D5	21 Aug 2024	High Tide Time	1106
D5	21 Aug 2024	Low Tide Time	500
D5	21 Aug 2024	Comments	Water turbid; Trash-1; Kelp;Algae
D5	28 Aug 2024	Arrive Time	924
D5	28 Aug 2024	Wind Speed (kts)	2
D5	28 Aug 2024	Wind Dir	NW
D5	28 Aug 2024	Animal Life	
D5	28 Aug 2024	Floatables	None
D5	28 Aug 2024	Current Direction	S
D5	28 Aug 2024	Water Temp (C)	15.4
D5	28 Aug 2024	High Tide Time	747
D5	28 Aug 2024	Low Tide Time	46
D5	28 Aug 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris
D7	07 Aug 2024	Arrive Time	848
D7	07 Aug 2024	Wind Speed (kts)	1.7
D7	07 Aug 2024	Wind Dir	SW
D7	07 Aug 2024	Animal Life	
D7	07 Aug 2024	Floatables	None
D7	07 Aug 2024	Current Direction	S
D7	07 Aug 2024	Water Temp (C)	16.2
D7	07 Aug 2024	High Tide Time	1155
D7	07 Aug 2024	Low Tide Time	540
D7	07 Aug 2024	Comments	Water clear; Trash-1; Kelp;Algae; Person/Walker/Jogger-1
D7	14 Aug 2024	Arrive Time	907
D7	14 Aug 2024	Wind Speed (kts)	1.3
D7	14 Aug 2024	Wind Dir	W
D7	14 Aug 2024	Animal Life	
D7	14 Aug 2024	Floatables	None
D7	14 Aug 2024	Current Direction	S
D7	14 Aug 2024	Water Temp (C)	18.1
D7	14 Aug 2024	High Tide Time	823
D7	14 Aug 2024	Low Tide Time	42
D7	14 Aug 2024	Comments	Water clear; Surfer/Paddle boarder-2; Trash-1; Kelp;Sea-grass;Algae;Debris; Person/Walker/Jogger-2
D7	21 Aug 2024	Arrive Time	937
D7	21 Aug 2024	Wind Speed (kts)	3.4
D7	21 Aug 2024	Wind Dir	N
D7	21 Aug 2024	Animal Life	Dog-12;
D7	21 Aug 2024	Floatables	None
D7	21 Aug 2024	Current Direction	N

Station	Date	Parameter	Value
D7	21 Aug 2024	Water Temp (C)	22.9
D7	21 Aug 2024	High Tide Time	1106
D7	21 Aug 2024	Low Tide Time	500
D7	21 Aug 2024	Comments	Water turbid; Trash-1; Kelp;Seagrass; Person/Walker/Jogger-2
D7	28 Aug 2024	Arrive Time	855
D7	28 Aug 2024	Wind Speed (kts)	1
D7	28 Aug 2024	Wind Dir	SW
D7	28 Aug 2024	Animal Life	
D7	28 Aug 2024	Floatables	None
D7	28 Aug 2024	Current Direction	S
D7	28 Aug 2024	Water Temp (C)	17.4
D7	28 Aug 2024	High Tide Time	747
D7	28 Aug 2024	Low Tide Time	46
D7	28 Aug 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris
D8-B	07 Aug 2024	Arrive Time	837
D8-B	07 Aug 2024	Wind Speed (kts)	1.1
D8-B	07 Aug 2024	Wind Dir	SW
D8-B	07 Aug 2024	Animal Life	
D8-B	07 Aug 2024	Floatables	None
D8-B	07 Aug 2024	Current Direction	S
D8-B	07 Aug 2024	Water Temp (C)	17.7
D8-B	07 Aug 2024	High Tide Time	1155
D8-B	07 Aug 2024	Low Tide Time	540
D8-B	07 Aug 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris
D8-B	14 Aug 2024	Arrive Time	854
D8-B	14 Aug 2024	Wind Speed (kts)	6
D8-B	14 Aug 2024	Wind Dir	W
D8-B	14 Aug 2024	Animal Life	
D8-B	14 Aug 2024	Floatables	None
D8-B	14 Aug 2024	Current Direction	S
D8-B	14 Aug 2024	Water Temp (C)	17.8
D8-B	14 Aug 2024	High Tide Time	823
D8-B	14 Aug 2024	Low Tide Time	42
D8-B	14 Aug 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris
D8-B	21 Aug 2024	Arrive Time	920
D8-B	21 Aug 2024	Wind Speed (kts)	1.6
D8-B	21 Aug 2024	Wind Dir	NE
D8-B	21 Aug 2024	Animal Life	
D8-B	21 Aug 2024	Floatables	None
D8-B	21 Aug 2024	Current Direction	N
D8-B	21 Aug 2024	Water Temp (C)	21.4
D8-B	21 Aug 2024	High Tide Time	1106
D8-B	21 Aug 2024	Low Tide Time	500
D8-B	21 Aug 2024	Comments	Water turbid; Trash-1; Kelp;Algae
D8-B	28 Aug 2024	Arrive Time	842
D8-B	28 Aug 2024	Wind Speed (kts)	0
D8-B	28 Aug 2024	Wind Dir	NW
D8-B	28 Aug 2024	Animal Life	
D8-B	28 Aug 2024	Floatables	None
D8-B	28 Aug 2024	Current Direction	S
D8-B	28 Aug 2024	Water Temp (C)	16.8
D8-B	28 Aug 2024	High Tide Time	747
D8-B	28 Aug 2024	Low Tide Time	46
D8-B	28 Aug 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-1

Station	Date	Parameter	Value
D9	07 Aug 2024	Arrive Time	829
D9	07 Aug 2024	Wind Speed (kts)	0.9
D9	07 Aug 2024	Wind Dir	W
D9	07 Aug 2024	Animal Life	
D9	07 Aug 2024	Floatables	None
D9	07 Aug 2024	Current Direction	S
D9	07 Aug 2024	Water Temp (C)	16.7
D9	07 Aug 2024	High Tide Time	1155
D9	07 Aug 2024	Low Tide Time	540
D9	07 Aug 2024	Comments	Water clear; Trash-1; Kelp;Algae; Person/Walker/Jogger-2
D9	14 Aug 2024	Arrive Time	844
D9	14 Aug 2024	Wind Speed (kts)	2.3
D9	14 Aug 2024	Wind Dir	S
D9	14 Aug 2024	Animal Life	
D9	14 Aug 2024	Floatables	None
D9	14 Aug 2024	Current Direction	S
D9	14 Aug 2024	Water Temp (C)	17.7
D9	14 Aug 2024	High Tide Time	823
D9	14 Aug 2024	Low Tide Time	42
D9	14 Aug 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris
D9	21 Aug 2024	Arrive Time	907
D9	21 Aug 2024	Wind Speed (kts)	4.5
D9	21 Aug 2024	Wind Dir	N
D9	21 Aug 2024	Animal Life	Dog-1;
D9	21 Aug 2024	Floatables	None
D9	21 Aug 2024	Current Direction	N
D9	21 Aug 2024	Water Temp (C)	21.2
D9	21 Aug 2024	High Tide Time	1106
D9	21 Aug 2024	Low Tide Time	500
D9	21 Aug 2024	Comments	Water turbid; Trash-1; Person/Walker/Jogger-5
D9	28 Aug 2024	Arrive Time	832
D9	28 Aug 2024	Wind Speed (kts)	0
D9	28 Aug 2024	Wind Dir	SW
D9	28 Aug 2024	Animal Life	
D9	28 Aug 2024	Floatables	None
D9	28 Aug 2024	Current Direction	S
D9	28 Aug 2024	Water Temp (C)	16.9
D9	28 Aug 2024	High Tide Time	747
D9	28 Aug 2024	Low Tide Time	46
D9	28 Aug 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-2
D10	07 Aug 2024	Arrive Time	819
D10	07 Aug 2024	Wind Speed (kts)	4.4
D10	07 Aug 2024	Wind Dir	SW
D10	07 Aug 2024	Animal Life	
D10	07 Aug 2024	Floatables	None
D10	07 Aug 2024	Current Direction	S
D10	07 Aug 2024	Water Temp (C)	17.6
D10	07 Aug 2024	High Tide Time	1155
D10	07 Aug 2024	Low Tide Time	540
D10	07 Aug 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-1
D10	14 Aug 2024	Arrive Time	833
D10	14 Aug 2024	Wind Speed (kts)	4.1
D10	14 Aug 2024	Wind Dir	W

Station	Date	Parameter	Value
D10	14 Aug 2024	Animal Life	
D10	14 Aug 2024	Floatables	None
D10	14 Aug 2024	Current Direction	S
D10	14 Aug 2024	Water Temp (C)	16.2
D10	14 Aug 2024	High Tide Time	823
D10	14 Aug 2024	Low Tide Time	42
D10	14 Aug 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Debris; Person/Walker/Jogger-2
D10	21 Aug 2024	Arrive Time	852
D10	21 Aug 2024	Wind Speed (kts)	4.2
D10	21 Aug 2024	Wind Dir	NW
D10	21 Aug 2024	Animal Life	Seagull-5;
D10	21 Aug 2024	Floatables	None
D10	21 Aug 2024	Current Direction	N
D10	21 Aug 2024	Water Temp (C)	20.9
D10	21 Aug 2024	High Tide Time	1106
D10	21 Aug 2024	Low Tide Time	500
D10	21 Aug 2024	Comments	Water turbid; Surfer/Paddle boarder-19; Trash-2; Kelp;Algae; Person/Walker/Jogger-3
D10	28 Aug 2024	Arrive Time	821
D10	28 Aug 2024	Wind Speed (kts)	1.2
D10	28 Aug 2024	Wind Dir	SW
D10	28 Aug 2024	Animal Life	
D10	28 Aug 2024	Floatables	None
D10	28 Aug 2024	Current Direction	S
D10	28 Aug 2024	Water Temp (C)	16.4
D10	28 Aug 2024	High Tide Time	747
D10	28 Aug 2024	Low Tide Time	46
D10	28 Aug 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Debris; Person/Walker/Jogger-2
D11	07 Aug 2024	Arrive Time	810
D11	07 Aug 2024	Wind Speed (kts)	2.7
D11	07 Aug 2024	Wind Dir	SW
D11	07 Aug 2024	Animal Life	Bird-10; Dog-1;
D11	07 Aug 2024	Floatables	None
D11	07 Aug 2024	Current Direction	S
D11	07 Aug 2024	Water Temp (C)	18.9
D11	07 Aug 2024	High Tide Time	1155
D11	07 Aug 2024	Low Tide Time	540
D11	07 Aug 2024	Comments	Water clear; Boogie boarder/Swimmer-1; Trash-1; Kelp;Sea-grass;Algae; Person/Walker/Jogger-1
D11	14 Aug 2024	Arrive Time	822
D11	14 Aug 2024	Wind Speed (kts)	4.4
D11	14 Aug 2024	Wind Dir	W
D11	14 Aug 2024	Animal Life	
D11	14 Aug 2024	Floatables	None
D11	14 Aug 2024	Current Direction	S
D11	14 Aug 2024	Water Temp (C)	15.9
D11	14 Aug 2024	High Tide Time	823
D11	14 Aug 2024	Low Tide Time	42
D11	14 Aug 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris
D11	21 Aug 2024	Arrive Time	835
D11	21 Aug 2024	Wind Speed (kts)	3.7
D11	21 Aug 2024	Wind Dir	N
D11	21 Aug 2024	Animal Life	Seagull-2;
D11	21 Aug 2024	Floatables	None

Station	Date	Parameter	Value
D11	21 Aug 2024	Current Direction	N
D11	21 Aug 2024	Water Temp (C)	19.9
D11	21 Aug 2024	High Tide Time	1106
D11	21 Aug 2024	Low Tide Time	500
D11	21 Aug 2024	Comments	Water turbid; Surfer/Paddle boarder-35; Trash-1; Kelp;Sea-grass; Person/Walker/Jogger-1
D11	28 Aug 2024	Arrive Time	813
D11	28 Aug 2024	Wind Speed (kts)	1.2
D11	28 Aug 2024	Wind Dir	SW
D11	28 Aug 2024	Animal Life	
D11	28 Aug 2024	Floatables	None
D11	28 Aug 2024	Current Direction	S
D11	28 Aug 2024	Water Temp (C)	16.7
D11	28 Aug 2024	High Tide Time	747
D11	28 Aug 2024	Low Tide Time	46
D11	28 Aug 2024	Comments	Water clear; Surfer/Paddle boarder-1; Trash-1; Kelp;Sea-grass;Algae;Debris
D12	07 Aug 2024	Arrive Time	752
D12	07 Aug 2024	Wind Speed (kts)	0.3
D12	07 Aug 2024	Wind Dir	SW
D12	07 Aug 2024	Animal Life	
D12	07 Aug 2024	Floatables	Foam
D12	07 Aug 2024	Current Direction	S
D12	07 Aug 2024	Water Temp (C)	15.8
D12	07 Aug 2024	High Tide Time	1155
D12	07 Aug 2024	Low Tide Time	540
D12	07 Aug 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae; Person/Walker/Jogger-2
D12	14 Aug 2024	Arrive Time	805
D12	14 Aug 2024	Wind Speed (kts)	0.5
D12	14 Aug 2024	Wind Dir	S
D12	14 Aug 2024	Animal Life	
D12	14 Aug 2024	Floatables	None
D12	14 Aug 2024	Current Direction	S
D12	14 Aug 2024	Water Temp (C)	17.2
D12	14 Aug 2024	High Tide Time	823
D12	14 Aug 2024	Low Tide Time	42
D12	14 Aug 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Debris
D12	21 Aug 2024	Arrive Time	814
D12	21 Aug 2024	Wind Speed (kts)	3.7
D12	21 Aug 2024	Wind Dir	NW
D12	21 Aug 2024	Animal Life	Bird-1;
D12	21 Aug 2024	Floatables	None
D12	21 Aug 2024	Current Direction	N
D12	21 Aug 2024	Water Temp (C)	21.3
D12	21 Aug 2024	High Tide Time	1106
D12	21 Aug 2024	Low Tide Time	500
D12	21 Aug 2024	Comments	Water turbid; Surfer/Paddle boarder-11; Trash-1; Kelp;Algae; Person/Walker/Jogger-5
D12	28 Aug 2024	Arrive Time	754
D12	28 Aug 2024	Wind Speed (kts)	0
D12	28 Aug 2024	Wind Dir	NW
D12	28 Aug 2024	Animal Life	
D12	28 Aug 2024	Floatables	None
D12	28 Aug 2024	Current Direction	S
D12	28 Aug 2024	Water Temp (C)	17.2

Station	Date	Parameter	Value
D12	28 Aug 2024	High Tide Time	747
D12	28 Aug 2024	Low Tide Time	46
D12	28 Aug 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Debris; Person/Walker/Jogger-1

Kelp Stations

Table 3.1

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

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

- 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
05 Aug 2024	IC	IC	IC	IC	IC	IC	IC	IC
12 Aug 2024	IC	IC	IC	IC	IC	IC	IC	IC
20 Aug 2024	IC	IC	IC	IC	IC	IC	IC	IC
27 Aug 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
05 Aug 2024	IC	IC	IC	IC	IC	IC	IC	IC
12 Aug 2024	IC	IC	IC	IC	IC	IC	IC	IC
20 Aug 2024	IC	IC	IC	IC	IC	IC	IC	IC
27 Aug 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	05 Aug 2024	804	1	<2	<2	<2
A1	05 Aug 2024	804	12	<2	<2	<2
A1	05 Aug 2024	804	18	<2	<2	<2
A1	12 Aug 2024	744	1	<20	<2	<2
A1	12 Aug 2024	744	12	20e	<2	<2
A1	12 Aug 2024	744	18	<2	<2	2e
A1	20 Aug 2024	750	1	<2	<2	<2
A1	20 Aug 2024	750	12	<2	<2	<2
A1	20 Aug 2024	750	18	2e	<2	<2
A1	27 Aug 2024	741	1	4e	<2	<2
A1	27 Aug 2024	741	12	<2	<2	<2
A1	27 Aug 2024	741	18	4e	<2	<2
A6	05 Aug 2024	833	1	2e	<2	<2
A6	05 Aug 2024	833	12	<2	<2	<2
A6	05 Aug 2024	833	18	<2	<2	<2
A6	12 Aug 2024	809	1	<2	<2	<2
A6	12 Aug 2024	809	12	<2	<2	<2
A6	12 Aug 2024	809	18	<2	<2	<2
A6	20 Aug 2024	814	1	<2	<2	<2
A6	20 Aug 2024	814	12	<2	<2	<2
A6	20 Aug 2024	814	18	<2	<2	<2
A6	27 Aug 2024	805	1	2e	<2	<2
A6	27 Aug 2024	805	12	2e	<2	<2
A6	27 Aug 2024	805	18	2e	<2	<2
A7	05 Aug 2024	818	1	<2	2e	<2
A7	05 Aug 2024	818	12	<2	<2	<2
A7	05 Aug 2024	818	18	<2	<2	<2
A7	12 Aug 2024	757	1	<2	<2	<2
A7	12 Aug 2024	757	12	<2	<2	<2
A7	12 Aug 2024	757	18	<2	<2	<2
A7	20 Aug 2024	800	1	<2	<2	<2
A7	20 Aug 2024	800	12	<2	<2	<2
A7	20 Aug 2024	800	18	<2	<2	<2
A7	27 Aug 2024	753	1	<2	<2	<2
A7	27 Aug 2024	753	12	2e	<2	2e
A7	27 Aug 2024	753	18	2e	<2	<2
C4	05 Aug 2024	935	1	<2	2e	<2
C4	05 Aug 2024	935	3	<20	10e	<2
C4	05 Aug 2024	935	9	<2	6e	<2

Station	Date	Time	Depth	Total	Fecal	Entero
C4	12 Aug 2024	919	1	<2	<2	<2
C4	12 Aug 2024	919	3	<2	<2	<2
C4	12 Aug 2024	919	9	<20	<2	<2
C4	20 Aug 2024	918	1	<2	<2	<2
C4	20 Aug 2024	918	3	20e	<2	<2
C4	20 Aug 2024	918	9	<2	<2	<2
C4	27 Aug 2024	910	1	<2	<2	<2
C4	27 Aug 2024	910	3	2e	<2	<2
C4	27 Aug 2024	910	9	<2	<2	<2
C5	05 Aug 2024	925	1	<2	<2	<2
C5	05 Aug 2024	925	3	<2	<2	<2
C5	05 Aug 2024	925	9	<2	<2	<2
C5	12 Aug 2024	907	1	<2	<2	<2
C5	12 Aug 2024	907	3	<2	<2	<2
C5	12 Aug 2024	907	9	<2	2e	<2
C5	20 Aug 2024	909	1	<2	<2	<2
C5	20 Aug 2024	909	3	<2	<2	<2
C5	20 Aug 2024	909	9	<2	<2	<2
C5	27 Aug 2024	900	1	4e	<2	<2
C5	27 Aug 2024	900	3	4e	<2	<2
C5	27 Aug 2024	900	9	4e	<2	<2
C6	05 Aug 2024	914	1	<2	<2	<2
C6	05 Aug 2024	914	3	<2	<2	<2
C6	05 Aug 2024	914	9	<2	<2	<2
C6	12 Aug 2024	857	1	<2	<2	<2
C6	12 Aug 2024	857	3	<2	<2	<2
C6	12 Aug 2024	857	9	<2	<2	<2
C6	20 Aug 2024	859	1	<2	<2	<2
C6	20 Aug 2024	859	3	<2	<2	<2
C6	20 Aug 2024	859	9	<2	2e	<2
C6	27 Aug 2024	849	1	<2	<2	<2
C6	27 Aug 2024	849	3	<2	<2	<2
C6	27 Aug 2024	849	9	2e	<2	<2
C7	05 Aug 2024	846	1	<2	<2	<2
C7	05 Aug 2024	846	12	<2	<2	<2
C7	05 Aug 2024	846	18	2e	<2	<2
C7	12 Aug 2024	828	1	<2	<2	<2
C7	12 Aug 2024	828	12	<2	<2	<2
C7	12 Aug 2024	828	18	<2	<2	<2
C7	20 Aug 2024	828	1	<2	<2	<2
C7	20 Aug 2024	828	12	<2	2e	<2
C7	20 Aug 2024	828	18	<2	<2	<2
C7	27 Aug 2024	818	1	4e	<2	<2
C7	27 Aug 2024	818	12	2e	<2	<2
C7	27 Aug 2024	818	18	4e	<2	<2

Station	Date	Time	Depth	Total	Fecal	Entero
C8	05 Aug 2024	856	1	<2	<2	<2
C8	05 Aug 2024	856	12	<2	<2	<2
C8	05 Aug 2024	856	18	2e	2e	<2
C8	12 Aug 2024	838	1	6e	<2	<2
C8	12 Aug 2024	838	12	<2	<2	<2
C8	12 Aug 2024	838	18	6e	2e	<2
C8	20 Aug 2024	839	1	2e	<2	<2
C8	20 Aug 2024	839	12	<2	<2	<2
C8	20 Aug 2024	839	18	<2	<2	<2
C8	27 Aug 2024	830	1	<2	<2	<2
C8	27 Aug 2024	830	12	2e	<2	<2
C8	27 Aug 2024	830	18	<2	<2	<2

ns = not sampled
ND = no data

Table 3.9

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

Station	Date	Parameter	Value
A1	05 Aug 2024	Arrive Time	804
A1	05 Aug 2024	Depart Time	812
A1	05 Aug 2024	Air Temp (C)	18.8
A1	05 Aug 2024	Visibility (mi)	7
A1	05 Aug 2024	Wind Speed (kts)	8.3
A1	05 Aug 2024	Wind Dir	NW
A1	05 Aug 2024	Sea State	Light Chop
A1	05 Aug 2024	High Tide Time	2212
A1	05 Aug 2024	Low Tide Time	448
A1	05 Aug 2024	Comments	
A1	12 Aug 2024	Arrive Time	744
A1	12 Aug 2024	Depart Time	750
A1	12 Aug 2024	Air Temp (C)	21
A1	12 Aug 2024	Visibility (mi)	6
A1	12 Aug 2024	Wind Speed (kts)	7.7
A1	12 Aug 2024	Wind Dir	W
A1	12 Aug 2024	Sea State	Calm
A1	12 Aug 2024	High Tide Time	1500
A1	12 Aug 2024	Low Tide Time	2342
A1	12 Aug 2024	Comments	
A1	20 Aug 2024	Arrive Time	741
A1	20 Aug 2024	Depart Time	750
A1	20 Aug 2024	Air Temp (C)	21.5
A1	20 Aug 2024	Visibility (mi)	9
A1	20 Aug 2024	Wind Speed (kts)	4
A1	20 Aug 2024	Wind Dir	NW
A1	20 Aug 2024	Sea State	Light Chop
A1	20 Aug 2024	High Tide Time	2206
A1	20 Aug 2024	Low Tide Time	418
A1	20 Aug 2024	Comments	WetCDOM values in negative with multiple cast attempts
A1	27 Aug 2024	Arrive Time	741
A1	27 Aug 2024	Depart Time	746
A1	27 Aug 2024	Air Temp (C)	20
A1	27 Aug 2024	Visibility (mi)	8
A1	27 Aug 2024	Wind Speed (kts)	2.7
A1	27 Aug 2024	Wind Dir	N
A1	27 Aug 2024	Sea State	Confused Swell
A1	27 Aug 2024	High Tide Time	1642
A1	27 Aug 2024	Low Tide Time	2354
A1	27 Aug 2024	Comments	
C4	05 Aug 2024	Arrive Time	935
C4	05 Aug 2024	Depart Time	938
C4	05 Aug 2024	Air Temp (C)	18.5
C4	05 Aug 2024	Visibility (mi)	10
C4	05 Aug 2024	Wind Speed (kts)	7.4
C4	05 Aug 2024	Wind Dir	NW
C4	05 Aug 2024	Sea State	Light Chop
C4	05 Aug 2024	High Tide Time	2212
C4	05 Aug 2024	Low Tide Time	448
C4	05 Aug 2024	Comments	
C4	12 Aug 2024	Arrive Time	919

Station	Date	Parameter	Value
C4	12 Aug 2024	Depart Time	924
C4	12 Aug 2024	Air Temp (C)	21.3
C4	12 Aug 2024	Visibility (mi)	5
C4	12 Aug 2024	Wind Speed (kts)	10.2
C4	12 Aug 2024	Wind Dir	W
C4	12 Aug 2024	Sea State	Calm
C4	12 Aug 2024	High Tide Time	1500
C4	12 Aug 2024	Low Tide Time	2342
C4	12 Aug 2024	Comments	
C4	20 Aug 2024	Arrive Time	914
C4	20 Aug 2024	Depart Time	918
C4	20 Aug 2024	Air Temp (C)	22.1
C4	20 Aug 2024	Visibility (mi)	9
C4	20 Aug 2024	Wind Speed (kts)	10.2
C4	20 Aug 2024	Wind Dir	NW
C4	20 Aug 2024	Sea State	Regular Swell
C4	20 Aug 2024	High Tide Time	2206
C4	20 Aug 2024	Low Tide Time	418
C4	20 Aug 2024	Comments	WetCDOM values in negative and do not match upcast;
C4	27 Aug 2024	Arrive Time	910
C4	27 Aug 2024	Depart Time	914
C4	27 Aug 2024	Air Temp (C)	19.6
C4	27 Aug 2024	Visibility (mi)	8
C4	27 Aug 2024	Wind Speed (kts)	10.9
C4	27 Aug 2024	Wind Dir	W
C4	27 Aug 2024	Sea State	Confused Swell
C4	27 Aug 2024	High Tide Time	1642
C4	27 Aug 2024	Low Tide Time	2354
C4	27 Aug 2024	Comments	
A7	05 Aug 2024	Arrive Time	818
A7	05 Aug 2024	Depart Time	822
A7	05 Aug 2024	Air Temp (C)	18.9
A7	05 Aug 2024	Visibility (mi)	7
A7	05 Aug 2024	Wind Speed (kts)	12.5
A7	05 Aug 2024	Wind Dir	N
A7	05 Aug 2024	Sea State	Light Chop
A7	05 Aug 2024	High Tide Time	2212
A7	05 Aug 2024	Low Tide Time	448
A7	05 Aug 2024	Comments	
A7	12 Aug 2024	Arrive Time	757
A7	12 Aug 2024	Depart Time	801
A7	12 Aug 2024	Air Temp (C)	21.2
A7	12 Aug 2024	Visibility (mi)	6
A7	12 Aug 2024	Wind Speed (kts)	2.4
A7	12 Aug 2024	Wind Dir	SW
A7	12 Aug 2024	Sea State	Calm
A7	12 Aug 2024	High Tide Time	1500
A7	12 Aug 2024	Low Tide Time	2342
A7	12 Aug 2024	Comments	
A7	20 Aug 2024	Arrive Time	756
A7	20 Aug 2024	Depart Time	800
A7	20 Aug 2024	Air Temp (C)	22.5
A7	20 Aug 2024	Visibility (mi)	9
A7	20 Aug 2024	Wind Speed (kts)	6
A7	20 Aug 2024	Wind Dir	NW
A7	20 Aug 2024	Sea State	Light Chop

Station	Date	Parameter	Value
A7	20 Aug 2024	High Tide Time	2206
A7	20 Aug 2024	Low Tide Time	418
A7	20 Aug 2024	Comments	WetCDOM values in negative and do not match upcast;
A7	27 Aug 2024	Arrive Time	753
A7	27 Aug 2024	Depart Time	759
A7	27 Aug 2024	Air Temp (C)	19.9
A7	27 Aug 2024	Visibility (mi)	8
A7	27 Aug 2024	Wind Speed (kts)	13.6
A7	27 Aug 2024	Wind Dir	NW
A7	27 Aug 2024	Sea State	Confused Swell
A7	27 Aug 2024	High Tide Time	1642
A7	27 Aug 2024	Low Tide Time	2354
A7	27 Aug 2024	Comments	
C5	05 Aug 2024	Arrive Time	925
C5	05 Aug 2024	Depart Time	928
C5	05 Aug 2024	Air Temp (C)	18.5
C5	05 Aug 2024	Visibility (mi)	10
C5	05 Aug 2024	Wind Speed (kts)	3.3
C5	05 Aug 2024	Wind Dir	NW
C5	05 Aug 2024	Sea State	Light Chop
C5	05 Aug 2024	High Tide Time	2212
C5	05 Aug 2024	Low Tide Time	448
C5	05 Aug 2024	Comments	
C5	12 Aug 2024	Arrive Time	907
C5	12 Aug 2024	Depart Time	918
C5	12 Aug 2024	Air Temp (C)	21.4
C5	12 Aug 2024	Visibility (mi)	5
C5	12 Aug 2024	Wind Speed (kts)	1.4
C5	12 Aug 2024	Wind Dir	W
C5	12 Aug 2024	Sea State	Calm
C5	12 Aug 2024	High Tide Time	1500
C5	12 Aug 2024	Low Tide Time	2342
C5	12 Aug 2024	Comments	
C5	20 Aug 2024	Arrive Time	904
C5	20 Aug 2024	Depart Time	909
C5	20 Aug 2024	Air Temp (C)	22.1
C5	20 Aug 2024	Visibility (mi)	9
C5	20 Aug 2024	Wind Speed (kts)	8.1
C5	20 Aug 2024	Wind Dir	N
C5	20 Aug 2024	Sea State	Regular Swell
C5	20 Aug 2024	High Tide Time	2206
C5	20 Aug 2024	Low Tide Time	418
C5	20 Aug 2024	Comments	WetCDOM values in negative and do not match upcast;Kelp Debris; Seagrass
C5	27 Aug 2024	Arrive Time	900
C5	27 Aug 2024	Depart Time	904
C5	27 Aug 2024	Air Temp (C)	19.5
C5	27 Aug 2024	Visibility (mi)	8
C5	27 Aug 2024	Wind Speed (kts)	6.6
C5	27 Aug 2024	Wind Dir	W
C5	27 Aug 2024	Sea State	Confused Swell
C5	27 Aug 2024	High Tide Time	1642
C5	27 Aug 2024	Low Tide Time	2354
C5	27 Aug 2024	Comments	
A6	05 Aug 2024	Arrive Time	833

Station	Date	Parameter	Value
A6	05 Aug 2024	Depart Time	835
A6	05 Aug 2024	Air Temp (C)	18.3
A6	05 Aug 2024	Visibility (mi)	7
A6	05 Aug 2024	Wind Speed (kts)	5.1
A6	05 Aug 2024	Wind Dir	N
A6	05 Aug 2024	Sea State	Light Chop
A6	05 Aug 2024	High Tide Time	2212
A6	05 Aug 2024	Low Tide Time	448
A6	05 Aug 2024	Comments	
A6	12 Aug 2024	Arrive Time	809
A6	12 Aug 2024	Depart Time	818
A6	12 Aug 2024	Air Temp (C)	21.3
A6	12 Aug 2024	Visibility (mi)	5
A6	12 Aug 2024	Wind Speed (kts)	1.6
A6	12 Aug 2024	Wind Dir	N
A6	12 Aug 2024	Sea State	Calm
A6	12 Aug 2024	High Tide Time	1500
A6	12 Aug 2024	Low Tide Time	2342
A6	12 Aug 2024	Comments	
A6	20 Aug 2024	Arrive Time	808
A6	20 Aug 2024	Depart Time	814
A6	20 Aug 2024	Air Temp (C)	21.5
A6	20 Aug 2024	Visibility (mi)	9
A6	20 Aug 2024	Wind Speed (kts)	5
A6	20 Aug 2024	Wind Dir	N
A6	20 Aug 2024	Sea State	Regular Swell
A6	20 Aug 2024	High Tide Time	2206
A6	20 Aug 2024	Low Tide Time	418
A6	20 Aug 2024	Comments	WetCDOM values in negative and do not match upcast;
A6	27 Aug 2024	Arrive Time	805
A6	27 Aug 2024	Depart Time	809
A6	27 Aug 2024	Air Temp (C)	19.8
A6	27 Aug 2024	Visibility (mi)	8
A6	27 Aug 2024	Wind Speed (kts)	6.6
A6	27 Aug 2024	Wind Dir	W
A6	27 Aug 2024	Sea State	Confused Swell
A6	27 Aug 2024	High Tide Time	1642
A6	27 Aug 2024	Low Tide Time	2354
A6	27 Aug 2024	Comments	
C6	05 Aug 2024	Arrive Time	914
C6	05 Aug 2024	Depart Time	918
C6	05 Aug 2024	Air Temp (C)	18.5
C6	05 Aug 2024	Visibility (mi)	10
C6	05 Aug 2024	Wind Speed (kts)	9.8
C6	05 Aug 2024	Wind Dir	NW
C6	05 Aug 2024	Sea State	Light Chop
C6	05 Aug 2024	High Tide Time	2212
C6	05 Aug 2024	Low Tide Time	448
C6	05 Aug 2024	Comments	
C6	12 Aug 2024	Arrive Time	857
C6	12 Aug 2024	Depart Time	902
C6	12 Aug 2024	Air Temp (C)	21.3
C6	12 Aug 2024	Visibility (mi)	5
C6	12 Aug 2024	Wind Speed (kts)	2.7
C6	12 Aug 2024	Wind Dir	W
C6	12 Aug 2024	Sea State	Calm

Station	Date	Parameter	Value
C6	12 Aug 2024	High Tide Time	1500
C6	12 Aug 2024	Low Tide Time	2342
C6	12 Aug 2024	Comments	
C6	20 Aug 2024	Arrive Time	855
C6	20 Aug 2024	Depart Time	859
C6	20 Aug 2024	Air Temp (C)	22
C6	20 Aug 2024	Visibility (mi)	9
C6	20 Aug 2024	Wind Speed (kts)	6.7
C6	20 Aug 2024	Wind Dir	N
C6	20 Aug 2024	Sea State	Regular Swell
C6	20 Aug 2024	High Tide Time	2206
C6	20 Aug 2024	Low Tide Time	418
C6	20 Aug 2024	Comments	WetCDOM values in negative and do not match upcast;Kelp Debris; Seagrass
C6	27 Aug 2024	Arrive Time	849
C6	27 Aug 2024	Depart Time	854
C6	27 Aug 2024	Air Temp (C)	19.6
C6	27 Aug 2024	Visibility (mi)	8
C6	27 Aug 2024	Wind Speed (kts)	8.3
C6	27 Aug 2024	Wind Dir	SW
C6	27 Aug 2024	Sea State	Confused Swell
C6	27 Aug 2024	High Tide Time	1642
C6	27 Aug 2024	Low Tide Time	2354
C6	27 Aug 2024	Comments	
C7	05 Aug 2024	Arrive Time	846
C7	05 Aug 2024	Depart Time	848
C7	05 Aug 2024	Air Temp (C)	18.1
C7	05 Aug 2024	Visibility (mi)	7
C7	05 Aug 2024	Wind Speed (kts)	6.4
C7	05 Aug 2024	Wind Dir	N
C7	05 Aug 2024	Sea State	Light Chop
C7	05 Aug 2024	High Tide Time	2212
C7	05 Aug 2024	Low Tide Time	448
C7	05 Aug 2024	Comments	
C7	12 Aug 2024	Arrive Time	828
C7	12 Aug 2024	Depart Time	832
C7	12 Aug 2024	Air Temp (C)	21.2
C7	12 Aug 2024	Visibility (mi)	5
C7	12 Aug 2024	Wind Speed (kts)	1.9
C7	12 Aug 2024	Wind Dir	N
C7	12 Aug 2024	Sea State	Calm
C7	12 Aug 2024	High Tide Time	1500
C7	12 Aug 2024	Low Tide Time	2342
C7	12 Aug 2024	Comments	
C7	20 Aug 2024	Arrive Time	824
C7	20 Aug 2024	Depart Time	828
C7	20 Aug 2024	Air Temp (C)	21.7
C7	20 Aug 2024	Visibility (mi)	9
C7	20 Aug 2024	Wind Speed (kts)	5.6
C7	20 Aug 2024	Wind Dir	N
C7	20 Aug 2024	Sea State	Regular Swell
C7	20 Aug 2024	High Tide Time	2206
C7	20 Aug 2024	Low Tide Time	418
C7	20 Aug 2024	Comments	WetCDOM values in negative and do not match upcast;
C7	27 Aug 2024	Arrive Time	818

Station	Date	Parameter	Value
C7	27 Aug 2024	Depart Time	822
C7	27 Aug 2024	Air Temp (C)	20
C7	27 Aug 2024	Visibility (mi)	8
C7	27 Aug 2024	Wind Speed (kts)	9.2
C7	27 Aug 2024	Wind Dir	NW
C7	27 Aug 2024	Sea State	Confused Swell
C7	27 Aug 2024	High Tide Time	1642
C7	27 Aug 2024	Low Tide Time	2354
C7	27 Aug 2024	Comments	
C8	05 Aug 2024	Arrive Time	856
C8	05 Aug 2024	Depart Time	858
C8	05 Aug 2024	Air Temp (C)	18.7
C8	05 Aug 2024	Visibility (mi)	7
C8	05 Aug 2024	Wind Speed (kts)	9.4
C8	05 Aug 2024	Wind Dir	NW
C8	05 Aug 2024	Sea State	Light Chop
C8	05 Aug 2024	High Tide Time	2212
C8	05 Aug 2024	Low Tide Time	448
C8	05 Aug 2024	Comments	
C8	12 Aug 2024	Arrive Time	838
C8	12 Aug 2024	Depart Time	842
C8	12 Aug 2024	Air Temp (C)	21.4
C8	12 Aug 2024	Visibility (mi)	5
C8	12 Aug 2024	Wind Speed (kts)	6.6
C8	12 Aug 2024	Wind Dir	W
C8	12 Aug 2024	Sea State	Calm
C8	12 Aug 2024	High Tide Time	1500
C8	12 Aug 2024	Low Tide Time	2342
C8	12 Aug 2024	Comments	
C8	20 Aug 2024	Arrive Time	835
C8	20 Aug 2024	Depart Time	839
C8	20 Aug 2024	Air Temp (C)	21.9
C8	20 Aug 2024	Visibility (mi)	9
C8	20 Aug 2024	Wind Speed (kts)	8.9
C8	20 Aug 2024	Wind Dir	NW
C8	20 Aug 2024	Sea State	Regular Swell
C8	20 Aug 2024	High Tide Time	2206
C8	20 Aug 2024	Low Tide Time	418
C8	20 Aug 2024	Comments	WetCDOM values in negative and do not match upcast;
C8	27 Aug 2024	Arrive Time	830
C8	27 Aug 2024	Depart Time	835
C8	27 Aug 2024	Air Temp (C)	19.9
C8	27 Aug 2024	Visibility (mi)	8
C8	27 Aug 2024	Wind Speed (kts)	10.1
C8	27 Aug 2024	Wind Dir	NW
C8	27 Aug 2024	Sea State	Confused Swell
C8	27 Aug 2024	High Tide Time	1642
C8	27 Aug 2024	Low Tide Time	2354
C8	27 Aug 2024	Comments	

Table 3.10

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

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A1	05 Aug 2024	1	17.75	94.61	8.3	33.41	8.1	24.1	0.54
A1	05 Aug 2024	2	16.67	94.40	8.0	33.51	8.1	24.4	0.65
A1	05 Aug 2024	3	13.56	93.44	8.2	33.50	8.1	25.1	1.63
A1	05 Aug 2024	4	12.30	89.28	8.0	33.41	8.0	25.3	4.70
A1	05 Aug 2024	5	12.27	86.13	7.5	33.39	8.0	25.3	5.72
A1	05 Aug 2024	6	11.79	87.24	6.9	33.38	8.0	25.4	5.73
A1	05 Aug 2024	7	11.66	89.34	6.5	33.42	7.9	25.4	5.60
A1	05 Aug 2024	8	11.66	92.39	6.3	33.44	7.9	25.4	4.00
A1	05 Aug 2024	9	11.58	93.39	6.1	33.46	7.9	25.5	3.20
A1	05 Aug 2024	10	11.60	93.59	6.0	33.47	7.9	25.5	2.33
A1	05 Aug 2024	11	11.61	93.95	5.9	33.48	7.9	25.5	2.12
A1	05 Aug 2024	12	11.59	94.17	5.8	33.50	7.9	25.5	1.78
A1	05 Aug 2024	13	11.52	94.44	5.7	33.50	7.8	25.5	1.61
A1	05 Aug 2024	14	11.48	94.95	5.6	33.51	7.8	25.5	1.41
A1	05 Aug 2024	15	11.45	95.31	5.5	33.52	7.8	25.5	1.35
A1	05 Aug 2024	16	11.40	95.20	5.3	33.54	7.8	25.6	1.38
A1	05 Aug 2024	17	11.38	95.33	5.2	33.54	7.8	25.6	1.28
A1	05 Aug 2024	18	11.31	95.53	5.1	33.56	7.8	25.6	1.15
A1	12 Aug 2024	1	20.01	73.93	9.6	33.49	8.2	23.6	3.35
A1	12 Aug 2024	2	19.95	73.30	9.7	33.49	8.2	23.6	3.85
A1	12 Aug 2024	3	19.69	73.11	10.0	33.49	8.2	23.7	4.51
A1	12 Aug 2024	4	19.39	70.89	10.1	33.48	8.2	23.8	5.16
A1	12 Aug 2024	5	17.96	69.87	10.9	33.45	8.2	24.1	5.92
A1	12 Aug 2024	6	17.56	68.38	11.2	33.44	8.2	24.2	6.30
A1	12 Aug 2024	7	17.25	68.73	11.0	33.44	8.2	24.3	6.08
A1	12 Aug 2024	8	17.10	69.82	10.8	33.43	8.2	24.3	5.99
A1	12 Aug 2024	9	16.62	70.60	10.2	33.43	8.2	24.4	5.96
A1	12 Aug 2024	10	16.16	72.05	9.8	33.44	8.2	24.5	6.38
A1	12 Aug 2024	11	16.02	72.59	9.6	33.44	8.1	24.5	7.23
A1	12 Aug 2024	12	15.93	71.31	9.4	33.44	8.1	24.6	7.91
A1	12 Aug 2024	13	15.67	70.11	9.2	33.44	8.1	24.6	7.90
A1	12 Aug 2024	14	15.57	70.00	9.0	33.44	8.1	24.6	7.45
A1	12 Aug 2024	15	15.47	71.76	8.8	33.45	8.1	24.7	7.05
A1	12 Aug 2024	16	15.35	72.04	8.7	33.45	8.1	24.7	6.96
A1	12 Aug 2024	17	14.93	71.61	8.5	33.45	8.1	24.8	6.93
A1	12 Aug 2024	18	14.48	73.52	8.2	33.44	8.0	24.9	5.42
A1	20 Aug 2024	1	20.87	89.19	8.1	33.41	8.2	23.3	1.18
A1	20 Aug 2024	2	19.66	89.24	8.1	33.46	8.2	23.7	1.36
A1	20 Aug 2024	3	17.45	89.09	8.7	33.37	8.2	24.2	1.81
A1	20 Aug 2024	4	16.66	88.47	8.9	33.30	8.1	24.3	1.93
A1	20 Aug 2024	5	16.39	89.55	8.9	33.28	8.1	24.3	2.14
A1	20 Aug 2024	6	16.37	89.94	8.7	33.27	8.1	24.3	2.32
A1	20 Aug 2024	7	15.96	89.43	8.5	33.28	8.1	24.4	2.81
A1	20 Aug 2024	8	15.69	88.99	8.4	33.25	8.1	24.5	2.78
A1	20 Aug 2024	9	15.08	89.50	8.3	33.28	8.1	24.6	2.19
A1	20 Aug 2024	10	14.53	91.61	8.4	33.22	8.1	24.7	2.03
A1	20 Aug 2024	11	14.50	93.42	8.4	33.20	8.1	24.7	2.12
A1	20 Aug 2024	12	14.28	93.80	8.5	33.19	8.1	24.7	2.24
A1	20 Aug 2024	13	14.21	93.93	8.5	33.18	8.1	24.7	2.34
A1	20 Aug 2024	14	14.14	94.07	8.4	33.19	8.1	24.8	2.15
A1	20 Aug 2024	15	13.86	94.40	8.2	33.21	8.1	24.8	1.78
A1	20 Aug 2024	16	13.62	95.68	8.0	33.21	8.1	24.9	1.39
A1	20 Aug 2024	17	13.26	95.30	7.7	33.27	8.0	25.0	1.16

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A1	20 Aug 2024	18	13.09	94.65	7.5	33.27	8.0	25.0	1.00
A1	27 Aug 2024	1	22.25	76.67	8.7	33.40	8.2	22.9	3.01
A1	27 Aug 2024	2	22.13	76.83	8.7	33.49	8.2	23.0	3.13
A1	27 Aug 2024	3	21.88	80.38	8.7	33.49	8.2	23.1	3.25
A1	27 Aug 2024	4	21.01	81.84	9.1	33.48	8.2	23.3	3.25
A1	27 Aug 2024	5	20.16	82.33	9.6	33.43	8.2	23.5	3.76
A1	27 Aug 2024	6	19.84	80.46	9.6	33.40	8.2	23.6	3.98
A1	27 Aug 2024	7	19.07	79.89	9.2	33.40	8.2	23.8	3.93
A1	27 Aug 2024	8	18.19	80.31	9.0	33.36	8.2	24.0	3.87
A1	27 Aug 2024	9	18.05	81.58	8.8	33.34	8.1	24.0	3.87
A1	27 Aug 2024	10	17.83	82.03	8.7	33.34	8.1	24.0	3.82
A1	27 Aug 2024	11	17.62	82.61	8.6	33.33	8.1	24.1	3.66
A1	27 Aug 2024	12	17.24	83.53	8.4	33.34	8.1	24.2	3.61
A1	27 Aug 2024	13	16.55	84.34	8.4	33.31	8.1	24.3	3.25
A1	27 Aug 2024	14	16.50	86.55	8.3	33.30	8.1	24.3	2.96
A1	27 Aug 2024	15	16.23	87.23	8.2	33.31	8.1	24.4	2.67
A1	27 Aug 2024	16	15.98	88.34	8.1	33.30	8.1	24.4	2.27
A1	27 Aug 2024	17	15.33	90.17	8.0	33.30	8.0	24.6	1.42
A1	27 Aug 2024	18	14.99	92.76	8.0	33.27	8.0	24.6	0.84
C4	05 Aug 2024	1	15.81	87.82	8.2	33.43	8.1	24.6	0.93
C4	05 Aug 2024	2	15.03	86.12	7.8	33.49	8.1	24.8	0.94
C4	05 Aug 2024	3	13.78	83.71	7.7	33.48	8.1	25.1	1.18
C4	05 Aug 2024	4	13.46	88.25	7.3	33.47	8.0	25.1	1.21
C4	05 Aug 2024	5	12.45	91.13	7.0	33.48	8.0	25.3	1.08
C4	05 Aug 2024	6	12.26	92.52	6.7	33.47	8.0	25.4	0.91
C4	05 Aug 2024	7	12.09	92.73	6.5	33.47	7.9	25.4	0.81
C4	05 Aug 2024	8	12.05	90.92	6.3	33.47	7.9	25.4	0.70
C4	05 Aug 2024	9	12.05	88.47	6.2	33.47	7.9	25.4	0.60
C4	05 Aug 2024	10	12.05	87.64	6.2	33.47	7.9	25.4	0.56
C4	05 Aug 2024	11	12.07	86.38	6.2	33.47	7.9	25.4	0.53
C4	05 Aug 2024	12	12.08	84.58	6.2	33.47	7.9	25.4	0.51
C4	12 Aug 2024	1	21.22	76.65	9.3	33.45	8.2	23.3	1.44
C4	12 Aug 2024	2	21.00	77.05	9.5	33.45	8.2	23.3	1.71
C4	12 Aug 2024	3	20.80	77.22	9.6	33.45	8.2	23.4	2.63
C4	12 Aug 2024	4	20.10	70.84	9.7	33.46	8.2	23.6	5.67
C4	12 Aug 2024	5	19.81	61.99	9.6	33.46	8.2	23.6	9.70
C4	12 Aug 2024	6	19.34	62.21	9.6	33.47	8.2	23.8	9.86
C4	12 Aug 2024	7	18.92	63.96	9.7	33.47	8.2	23.9	8.89
C4	12 Aug 2024	8	18.65	66.33	9.7	33.47	8.2	23.9	7.89
C4	12 Aug 2024	9	18.63	67.67	9.6	33.47	8.2	23.9	7.32
C4	12 Aug 2024	10	17.80	72.04	8.9	33.46	8.2	24.1	5.26
C4	12 Aug 2024	11	17.83	64.15	9.0	33.46	8.1	24.1	3.02
C4	20 Aug 2024	1	22.00	78.20	7.4	33.50	8.2	23.1	0.96
C4	20 Aug 2024	2	21.67	76.77	7.3	33.50	8.2	23.2	1.12
C4	20 Aug 2024	3	20.70	76.76	7.4	33.46	8.1	23.4	1.33
C4	20 Aug 2024	4	20.44	76.74	7.4	33.44	8.1	23.5	1.43
C4	20 Aug 2024	5	20.34	77.57	7.2	33.43	8.1	23.5	1.43
C4	20 Aug 2024	6	19.02	78.17	7.1	33.44	8.1	23.8	1.37
C4	20 Aug 2024	7	15.36	81.07	7.8	33.34	8.1	24.6	1.00
C4	20 Aug 2024	8	14.79	87.00	8.0	33.23	8.1	24.7	0.83
C4	20 Aug 2024	9	14.63	87.62	8.0	33.21	8.1	24.7	0.77
C4	20 Aug 2024	10	14.63	83.85	8.0	33.22	8.1	24.7	0.63
C4	20 Aug 2024	11	14.66	82.18	8.0	33.22	8.1	24.7	0.58
C4	27 Aug 2024	1	21.97	76.45	8.2	33.49	8.2	23.1	3.44
C4	27 Aug 2024	2	21.94	76.39	8.2	33.49	8.2	23.1	3.84
C4	27 Aug 2024	3	21.83	76.67	8.3	33.49	8.2	23.1	4.06

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C4	27 Aug 2024	4	21.58	77.73	8.3	33.48	8.2	23.2	4.03
C4	27 Aug 2024	5	21.41	78.33	8.2	33.48	8.2	23.2	3.97
C4	27 Aug 2024	6	20.91	78.22	8.2	33.47	8.2	23.4	3.94
C4	27 Aug 2024	7	20.15	79.26	8.0	33.44	8.2	23.5	3.41
C4	27 Aug 2024	8	19.46	83.46	7.6	33.43	8.1	23.7	2.55
C4	27 Aug 2024	9	18.19	86.57	7.3	33.35	8.1	24.0	1.40
C4	27 Aug 2024	10	17.78	88.36	7.1	33.38	8.0	24.1	0.94
C4	27 Aug 2024	11	16.47	85.93	7.2	33.31	8.0	24.3	0.67
C4	27 Aug 2024	12	16.41	80.75	7.3	33.30	8.0	24.3	0.57
A7	05 Aug 2024	1	17.49	89.06	8.6	33.40	8.1	24.2	0.78
A7	05 Aug 2024	2	17.33	92.12	8.4	33.41	8.1	24.2	0.80
A7	05 Aug 2024	3	16.24	92.12	8.1	33.46	8.1	24.5	0.96
A7	05 Aug 2024	4	13.50	91.82	8.0	33.50	8.1	25.1	1.66
A7	05 Aug 2024	5	12.32	89.61	7.9	33.43	8.0	25.3	5.32
A7	05 Aug 2024	6	12.15	82.89	7.6	33.41	8.0	25.3	6.02
A7	05 Aug 2024	7	12.06	85.96	7.2	33.42	8.0	25.4	6.10
A7	05 Aug 2024	8	11.99	86.98	6.9	33.42	8.0	25.4	5.90
A7	05 Aug 2024	9	11.82	88.03	6.5	33.46	7.9	25.4	4.00
A7	05 Aug 2024	10	11.74	92.03	6.1	33.46	7.9	25.4	2.67
A7	05 Aug 2024	11	11.46	95.41	5.8	33.50	7.9	25.5	2.01
A7	05 Aug 2024	12	11.38	96.12	5.6	33.50	7.8	25.5	1.55
A7	05 Aug 2024	13	11.40	96.61	5.5	33.50	7.8	25.5	1.42
A7	05 Aug 2024	14	11.35	96.60	5.4	33.51	7.8	25.5	1.47
A7	05 Aug 2024	15	11.32	96.99	5.3	33.52	7.8	25.6	1.53
A7	05 Aug 2024	16	11.33	97.37	5.3	33.52	7.8	25.6	1.48
A7	05 Aug 2024	17	11.31	97.31	5.2	33.52	7.8	25.6	1.40
A7	05 Aug 2024	18	11.31	97.14	5.2	33.53	7.8	25.6	1.19
A7	05 Aug 2024	19	11.29	96.96	5.1	33.54	7.8	25.6	1.09
A7	12 Aug 2024	1	20.83	78.29	9.6	33.46	8.2	23.4	2.14
A7	12 Aug 2024	2	20.56	77.70	9.6	33.47	8.2	23.4	2.22
A7	12 Aug 2024	3	20.07	78.68	9.7	33.49	8.2	23.6	2.66
A7	12 Aug 2024	4	19.53	76.91	9.9	33.49	8.2	23.7	3.68
A7	12 Aug 2024	5	18.58	72.20	10.7	33.46	8.2	24.0	4.74
A7	12 Aug 2024	6	17.98	70.64	11.2	33.45	8.3	24.1	5.57
A7	12 Aug 2024	7	17.48	69.21	11.2	33.44	8.3	24.2	6.35
A7	12 Aug 2024	8	17.41	68.94	11.0	33.43	8.2	24.2	6.53
A7	12 Aug 2024	9	17.35	69.38	10.7	33.43	8.2	24.2	6.43
A7	12 Aug 2024	10	17.02	70.86	9.7	33.43	8.2	24.3	6.03
A7	12 Aug 2024	11	15.57	73.16	8.8	33.45	8.1	24.6	5.23
A7	12 Aug 2024	12	14.90	78.65	8.4	33.44	8.1	24.8	4.90
A7	12 Aug 2024	13	14.58	79.92	8.2	33.44	8.1	24.9	5.31
A7	12 Aug 2024	14	14.46	79.99	7.9	33.43	8.0	24.9	5.29
A7	12 Aug 2024	15	14.28	81.36	7.8	33.43	8.0	24.9	4.93
A7	12 Aug 2024	16	14.12	82.31	7.8	33.44	8.0	25.0	4.30
A7	12 Aug 2024	17	14.05	82.48	7.7	33.44	8.0	25.0	3.93
A7	12 Aug 2024	18	13.92	83.40	7.6	33.45	8.0	25.0	3.07
A7	12 Aug 2024	19	13.87	85.74	7.4	33.45	8.0	25.0	2.55
A7	12 Aug 2024	20	13.84	87.13	7.3	33.45	8.0	25.0	2.19
A7	20 Aug 2024	1	22.02	83.33	8.1	33.47	8.2	23.1	1.50
A7	20 Aug 2024	2	21.94	83.59	8.0	33.48	8.2	23.1	1.47
A7	20 Aug 2024	3	20.58	84.86	8.2	33.47	8.2	23.4	1.62
A7	20 Aug 2024	4	18.95	86.42	8.3	33.42	8.2	23.8	1.97
A7	20 Aug 2024	5	17.29	86.79	8.6	33.36	8.2	24.2	2.58
A7	20 Aug 2024	6	16.63	87.13	8.6	33.32	8.1	24.3	3.00
A7	20 Aug 2024	7	15.93	87.10	8.6	33.28	8.1	24.4	3.15
A7	20 Aug 2024	8	15.13	87.69	8.7	33.24	8.1	24.6	3.08
A7	20 Aug 2024	9	15.07	88.79	8.6	33.22	8.1	24.6	2.77
A7	20 Aug 2024	10	15.04	90.33	8.6	33.22	8.1	24.6	2.49

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A7	20 Aug 2024	11	14.99	91.28	8.6	33.21	8.1	24.6	2.30
A7	20 Aug 2024	12	14.95	91.77	8.6	33.21	8.1	24.6	2.12
A7	20 Aug 2024	13	14.92	92.11	8.5	33.22	8.1	24.6	2.06
A7	20 Aug 2024	14	14.75	92.25	8.5	33.21	8.1	24.6	2.10
A7	20 Aug 2024	15	14.40	92.67	8.5	33.19	8.1	24.7	2.05
A7	20 Aug 2024	16	14.28	94.03	8.4	33.18	8.1	24.7	1.69
A7	20 Aug 2024	17	14.19	95.16	8.2	33.19	8.1	24.8	1.58
A7	20 Aug 2024	18	13.80	95.81	7.9	33.21	8.1	24.8	1.41
A7	20 Aug 2024	19	13.30	95.91	7.6	33.27	8.1	25.0	1.02
A7	20 Aug 2024	20	13.14	95.28	7.4	33.28	8.0	25.0	0.88
A7	27 Aug 2024	1	22.30	80.66	8.6	33.50	8.2	23.0	3.09
A7	27 Aug 2024	2	22.30	80.57	8.6	33.50	8.2	23.0	3.30
A7	27 Aug 2024	3	22.20	80.65	8.5	33.50	8.2	23.0	3.51
A7	27 Aug 2024	4	21.67	79.86	8.6	33.50	8.2	23.2	3.62
A7	27 Aug 2024	5	20.79	79.29	9.0	33.46	8.2	23.4	3.84
A7	27 Aug 2024	6	19.99	79.54	9.3	33.41	8.2	23.6	4.15
A7	27 Aug 2024	7	19.56	79.04	9.1	33.40	8.2	23.7	4.38
A7	27 Aug 2024	8	18.26	78.78	8.8	33.38	8.2	24.0	4.76
A7	27 Aug 2024	9	17.95	79.23	8.5	33.33	8.1	24.0	4.77
A7	27 Aug 2024	10	17.41	80.71	8.4	33.33	8.1	24.1	4.34
A7	27 Aug 2024	11	17.27	82.48	8.3	33.32	8.1	24.2	4.11
A7	27 Aug 2024	12	17.07	83.05	8.2	33.32	8.1	24.2	3.84
A7	27 Aug 2024	13	16.76	84.42	8.2	33.31	8.1	24.3	3.33
A7	27 Aug 2024	14	16.64	85.99	8.1	33.31	8.1	24.3	2.98
A7	27 Aug 2024	15	16.57	87.19	8.1	33.31	8.1	24.3	2.68
A7	27 Aug 2024	16	16.45	87.80	8.0	33.31	8.1	24.3	2.59
A7	27 Aug 2024	17	16.26	88.04	8.0	33.32	8.1	24.4	2.19
A7	27 Aug 2024	18	16.11	89.26	7.8	33.31	8.1	24.4	1.72
A7	27 Aug 2024	19	15.64	91.43	7.7	33.32	8.0	24.5	1.16
C5	05 Aug 2024	1	16.05	87.58	8.5	33.42	8.1	24.5	1.14
C5	05 Aug 2024	2	15.46	87.58	8.4	33.45	8.1	24.7	1.33
C5	05 Aug 2024	3	14.57	87.77	8.2	33.48	8.1	24.9	1.54
C5	05 Aug 2024	4	13.73	88.19	8.0	33.47	8.1	25.1	1.74
C5	05 Aug 2024	5	13.29	89.58	7.4	33.46	8.0	25.1	1.64
C5	05 Aug 2024	6	12.81	90.59	7.0	33.47	8.0	25.2	1.34
C5	05 Aug 2024	7	12.58	92.09	6.7	33.45	8.0	25.3	1.36
C5	05 Aug 2024	8	12.34	92.60	6.6	33.47	7.9	25.3	1.52
C5	05 Aug 2024	9	12.15	92.62	6.5	33.46	7.9	25.4	1.37
C5	05 Aug 2024	10	12.13	92.01	6.4	33.46	7.9	25.4	1.38
C5	05 Aug 2024	11	12.16	91.61	6.4	33.46	7.9	25.4	1.19
C5	12 Aug 2024	1	19.89	71.35	10.1	33.47	8.2	23.6	3.74
C5	12 Aug 2024	2	19.80	71.21	10.1	33.47	8.2	23.6	4.41
C5	12 Aug 2024	3	19.40	71.22	10.1	33.46	8.2	23.7	5.30
C5	12 Aug 2024	4	19.27	69.94	10.0	33.45	8.2	23.8	6.06
C5	12 Aug 2024	5	19.22	70.38	9.9	33.45	8.2	23.8	6.46
C5	12 Aug 2024	6	19.11	71.02	9.9	33.45	8.2	23.8	6.91
C5	12 Aug 2024	7	18.92	71.14	9.6	33.45	8.2	23.9	6.86
C5	12 Aug 2024	8	17.95	72.31	9.0	33.45	8.2	24.1	5.24
C5	12 Aug 2024	9	17.35	77.11	8.1	33.43	8.1	24.2	3.61
C5	12 Aug 2024	10	16.14	82.73	7.7	33.43	8.1	24.5	2.19
C5	12 Aug 2024	11	15.47	87.04	7.5	33.43	8.0	24.7	0.94
C5	20 Aug 2024	1	22.04	82.49	8.0	33.48	8.2	23.1	1.19
C5	20 Aug 2024	2	21.64	82.43	7.9	33.48	8.2	23.2	1.27
C5	20 Aug 2024	3	20.03	83.61	7.9	33.44	8.2	23.6	1.40
C5	20 Aug 2024	4	18.53	85.80	7.7	33.38	8.2	23.9	1.34
C5	20 Aug 2024	5	17.52	88.42	7.8	33.35	8.1	24.1	0.92
C5	20 Aug 2024	6	17.01	90.65	7.8	33.32	8.1	24.2	0.89

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C5	20 Aug 2024	7	16.56	90.41	7.7	33.30	8.1	24.3	0.64
C5	20 Aug 2024	8	16.21	89.92	7.7	33.28	8.1	24.4	0.51
C5	20 Aug 2024	9	15.82	88.89	7.8	33.27	8.1	24.5	0.54
C5	20 Aug 2024	10	15.33	88.73	7.9	33.26	8.1	24.6	0.53
C5	20 Aug 2024	11	15.31	88.59	8.0	33.26	8.1	24.6	0.48
C5	27 Aug 2024	1	21.87	77.75	8.4	33.48	8.2	23.1	3.31
C5	27 Aug 2024	2	21.69	77.79	8.3	33.48	8.2	23.2	3.53
C5	27 Aug 2024	3	20.95	78.08	8.2	33.46	8.2	23.3	3.84
C5	27 Aug 2024	4	19.69	77.97	8.4	33.44	8.2	23.7	4.22
C5	27 Aug 2024	5	19.16	78.57	8.4	33.39	8.2	23.8	4.27
C5	27 Aug 2024	6	18.86	80.62	8.3	33.38	8.1	23.8	3.91
C5	27 Aug 2024	7	18.36	82.83	8.1	33.37	8.1	23.9	3.39
C5	27 Aug 2024	8	17.72	84.44	7.9	33.35	8.1	24.1	2.38
C5	27 Aug 2024	9	17.34	89.29	7.7	33.33	8.1	24.2	1.50
C5	27 Aug 2024	10	16.87	91.99	7.7	33.33	8.1	24.3	1.03
C5	27 Aug 2024	11	16.57	92.50	7.8	33.31	8.1	24.3	0.77
A6	05 Aug 2024	1	16.59	87.97	8.6	33.42	8.1	24.4	1.33
A6	05 Aug 2024	2	15.70	87.15	8.6	33.47	8.1	24.6	1.68
A6	05 Aug 2024	3	14.83	85.41	8.5	33.47	8.1	24.8	2.38
A6	05 Aug 2024	4	14.29	85.10	8.2	33.43	8.1	24.9	2.64
A6	05 Aug 2024	5	13.45	87.64	7.8	33.49	8.1	25.1	2.56
A6	05 Aug 2024	6	12.78	88.89	7.5	33.45	8.0	25.2	2.63
A6	05 Aug 2024	7	12.48	90.16	7.3	33.45	8.0	25.3	3.10
A6	05 Aug 2024	8	12.39	90.06	7.1	33.45	8.0	25.3	2.95
A6	05 Aug 2024	9	12.32	91.29	6.8	33.45	8.0	25.3	2.42
A6	05 Aug 2024	10	12.09	92.65	6.5	33.47	7.9	25.4	2.20
A6	05 Aug 2024	11	11.91	92.82	6.3	33.47	7.9	25.4	1.89
A6	05 Aug 2024	12	11.85	93.35	6.2	33.47	7.9	25.4	2.04
A6	05 Aug 2024	13	11.78	93.78	6.1	33.48	7.9	25.4	1.90
A6	05 Aug 2024	14	11.74	94.19	6.0	33.48	7.9	25.5	1.98
A6	05 Aug 2024	15	11.64	94.67	5.8	33.51	7.9	25.5	1.91
A6	05 Aug 2024	16	11.47	95.13	5.5	33.52	7.8	25.5	1.62
A6	05 Aug 2024	17	11.36	95.79	5.3	33.53	7.8	25.6	1.28
A6	05 Aug 2024	18	11.31	96.35	5.2	33.53	7.8	25.6	1.19
A6	12 Aug 2024	1	20.55	80.32	9.7	33.45	8.2	23.4	2.26
A6	12 Aug 2024	2	20.27	79.20	10.0	33.46	8.2	23.5	2.66
A6	12 Aug 2024	3	20.10	76.89	10.2	33.45	8.2	23.6	3.28
A6	12 Aug 2024	4	19.81	75.81	10.3	33.45	8.2	23.6	3.79
A6	12 Aug 2024	5	18.96	75.02	10.7	33.45	8.3	23.8	4.22
A6	12 Aug 2024	6	18.60	73.41	10.8	33.44	8.3	23.9	4.66
A6	12 Aug 2024	7	17.87	71.02	11.0	33.44	8.3	24.1	5.71
A6	12 Aug 2024	8	17.66	69.97	10.6	33.43	8.2	24.2	6.30
A6	12 Aug 2024	9	17.09	70.79	9.7	33.44	8.2	24.3	5.62
A6	12 Aug 2024	10	16.24	75.50	8.9	33.44	8.1	24.5	4.23
A6	12 Aug 2024	11	15.62	79.65	8.8	33.43	8.1	24.6	4.33
A6	12 Aug 2024	12	15.42	79.78	8.9	33.43	8.1	24.7	4.67
A6	12 Aug 2024	13	15.28	79.09	9.0	33.43	8.1	24.7	5.15
A6	12 Aug 2024	14	15.09	78.64	9.0	33.43	8.1	24.7	5.20
A6	12 Aug 2024	15	15.00	78.93	9.0	33.43	8.1	24.8	5.39
A6	12 Aug 2024	16	14.92	78.54	8.9	33.44	8.1	24.8	5.67
A6	12 Aug 2024	17	14.68	79.50	8.7	33.44	8.1	24.8	4.76
A6	12 Aug 2024	18	14.65	82.05	8.5	33.44	8.1	24.8	3.12
A6	20 Aug 2024	1	22.29	78.98	7.9	33.48	8.2	23.0	2.57
A6	20 Aug 2024	2	22.33	69.32	7.8	33.50	8.2	23.0	2.65
A6	20 Aug 2024	3	21.68	69.11	7.9	33.51	8.2	23.2	3.29
A6	20 Aug 2024	4	20.23	77.11	8.3	33.47	8.2	23.5	3.93
A6	20 Aug 2024	5	19.17	79.38	8.7	33.41	8.2	23.8	3.25

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A6	20 Aug 2024	6	18.84	84.68	8.6	33.37	8.2	23.8	2.90
A6	20 Aug 2024	7	17.55	86.33	8.6	33.37	8.2	24.1	3.06
A6	20 Aug 2024	8	16.53	86.70	8.5	33.33	8.2	24.3	2.90
A6	20 Aug 2024	9	15.49	88.03	8.5	33.30	8.1	24.6	2.60
A6	20 Aug 2024	10	15.00	90.14	8.7	33.22	8.1	24.6	2.43
A6	20 Aug 2024	11	14.84	91.87	8.7	33.19	8.1	24.6	2.49
A6	20 Aug 2024	12	14.72	92.21	8.6	33.19	8.1	24.6	2.34
A6	20 Aug 2024	13	14.59	92.74	8.5	33.21	8.1	24.7	1.87
A6	20 Aug 2024	14	14.41	94.34	8.4	33.22	8.1	24.7	1.57
A6	20 Aug 2024	15	14.33	94.71	8.3	33.22	8.1	24.7	1.40
A6	20 Aug 2024	16	14.33	94.67	8.3	33.23	8.1	24.7	1.38
A6	20 Aug 2024	17	14.23	94.99	8.2	33.24	8.1	24.8	1.23
A6	20 Aug 2024	18	14.24	95.42	8.2	33.23	8.1	24.8	1.04
A6	27 Aug 2024	1	22.14	75.36	8.6	33.48	8.2	23.0	4.01
A6	27 Aug 2024	2	21.75	75.06	8.7	33.49	8.2	23.1	4.31
A6	27 Aug 2024	3	21.56	75.25	8.7	33.46	8.2	23.2	4.48
A6	27 Aug 2024	4	20.92	75.45	8.8	33.48	8.2	23.4	4.56
A6	27 Aug 2024	5	19.43	76.32	9.2	33.44	8.2	23.7	4.07
A6	27 Aug 2024	6	18.92	78.00	9.0	33.38	8.2	23.8	3.94
A6	27 Aug 2024	7	18.15	79.91	8.9	33.37	8.2	24.0	4.01
A6	27 Aug 2024	8	17.52	81.23	8.8	33.33	8.1	24.1	4.10
A6	27 Aug 2024	9	17.25	81.75	8.6	33.31	8.1	24.2	3.89
A6	27 Aug 2024	10	17.03	82.82	8.6	33.31	8.1	24.2	3.79
A6	27 Aug 2024	11	16.81	83.78	8.5	33.30	8.1	24.3	3.48
A6	27 Aug 2024	12	16.77	85.29	8.5	33.30	8.1	24.3	3.40
A6	27 Aug 2024	13	16.73	85.85	8.4	33.30	8.1	24.3	3.30
A6	27 Aug 2024	14	16.65	86.36	8.3	33.30	8.1	24.3	3.20
A6	27 Aug 2024	15	16.64	86.87	8.2	33.30	8.1	24.3	3.08
A6	27 Aug 2024	16	16.62	87.18	8.2	33.31	8.1	24.3	3.09
A6	27 Aug 2024	17	16.57	87.53	8.1	33.31	8.1	24.3	2.92
A6	27 Aug 2024	18	16.49	88.29	7.9	33.32	8.1	24.3	2.59
C6	05 Aug 2024	1	16.32	77.99	8.6	33.44	8.1	24.5	1.55
C6	05 Aug 2024	2	15.36	73.87	8.3	33.46	8.1	24.7	1.87
C6	05 Aug 2024	3	14.73	79.85	8.2	33.45	8.1	24.8	2.39
C6	05 Aug 2024	4	14.47	84.62	8.1	33.45	8.1	24.9	2.52
C6	05 Aug 2024	5	13.81	85.24	7.9	33.47	8.1	25.0	2.55
C6	05 Aug 2024	6	13.36	87.44	7.5	33.46	8.0	25.1	2.25
C6	05 Aug 2024	7	13.03	90.09	7.3	33.45	8.0	25.2	2.02
C6	05 Aug 2024	8	12.96	91.45	7.2	33.45	8.0	25.2	1.84
C6	05 Aug 2024	9	12.93	90.97	7.0	33.46	8.0	25.2	1.64
C6	12 Aug 2024	1	19.68	76.38	9.9	33.48	8.2	23.7	4.07
C6	12 Aug 2024	2	19.36	64.93	10.2	33.47	8.2	23.8	4.88
C6	12 Aug 2024	3	19.26	69.76	10.3	33.46	8.2	23.8	5.54
C6	12 Aug 2024	4	19.15	70.54	10.3	33.46	8.2	23.8	5.72
C6	12 Aug 2024	5	19.00	70.81	10.2	33.46	8.2	23.8	5.77
C6	12 Aug 2024	6	18.75	71.11	10.2	33.45	8.2	23.9	5.81
C6	12 Aug 2024	7	18.50	72.21	9.9	33.45	8.2	24.0	5.44
C6	12 Aug 2024	8	18.00	74.85	9.0	33.45	8.2	24.1	3.86
C6	12 Aug 2024	9	17.62	84.24	8.2	33.44	8.1	24.2	1.51
C6	12 Aug 2024	10	17.78	83.35	8.3	33.44	8.1	24.1	0.85
C6	20 Aug 2024	1	22.06	80.58	7.7	33.48	8.2	23.0	1.50
C6	20 Aug 2024	2	21.95	80.63	7.6	33.48	8.2	23.1	1.62
C6	20 Aug 2024	3	20.56	80.64	7.7	33.49	8.2	23.5	2.09
C6	20 Aug 2024	4	19.17	81.66	8.1	33.43	8.2	23.8	2.43
C6	20 Aug 2024	5	18.11	83.95	8.3	33.38	8.2	24.0	2.91
C6	20 Aug 2024	6	17.53	84.86	8.4	33.34	8.2	24.1	2.89
C6	20 Aug 2024	7	17.15	86.37	8.4	33.31	8.2	24.2	2.74

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C6	20 Aug 2024	8	16.88	88.79	8.3	33.30	8.1	24.2	2.08
C6	20 Aug 2024	9	16.76	90.30	8.2	33.30	8.1	24.3	1.28
C6	20 Aug 2024	10	16.85	90.13	8.2	33.29	8.1	24.2	0.85
C6	27 Aug 2024	1	22.23	80.23	8.1	33.49	8.2	23.0	2.55
C6	27 Aug 2024	2	22.20	80.07	8.1	33.49	8.2	23.0	2.75
C6	27 Aug 2024	3	21.74	79.94	7.9	33.48	8.2	23.1	3.22
C6	27 Aug 2024	4	20.52	79.51	7.9	33.47	8.1	23.5	3.28
C6	27 Aug 2024	5	19.36	80.58	8.2	33.43	8.1	23.7	3.62
C6	27 Aug 2024	6	18.78	81.00	8.2	33.37	8.1	23.8	3.69
C6	27 Aug 2024	7	18.48	82.65	7.8	33.36	8.1	23.9	2.96
C6	27 Aug 2024	8	18.02	86.45	7.2	33.35	8.1	24.0	1.67
C6	27 Aug 2024	9	17.02	90.28	7.3	33.34	8.0	24.2	0.84
C7	05 Aug 2024	1	16.76	88.39	8.8	33.43	8.1	24.4	1.16
C7	05 Aug 2024	2	16.41	88.67	8.7	33.44	8.1	24.5	1.20
C7	05 Aug 2024	3	15.08	88.52	8.6	33.48	8.1	24.8	1.51
C7	05 Aug 2024	4	14.37	87.63	8.5	33.46	8.1	24.9	2.41
C7	05 Aug 2024	5	13.94	85.91	8.2	33.46	8.1	25.0	3.32
C7	05 Aug 2024	6	13.54	84.87	7.9	33.46	8.0	25.1	3.93
C7	05 Aug 2024	7	13.44	84.82	7.7	33.45	8.0	25.1	4.53
C7	05 Aug 2024	8	13.05	85.44	7.7	33.46	8.0	25.2	4.56
C7	05 Aug 2024	9	12.76	86.27	7.4	33.45	8.0	25.2	4.24
C7	05 Aug 2024	10	12.23	87.14	7.0	33.48	8.0	25.4	3.69
C7	05 Aug 2024	11	12.25	90.16	6.7	33.45	7.9	25.3	3.36
C7	05 Aug 2024	12	11.97	91.43	6.5	33.48	7.9	25.4	3.35
C7	05 Aug 2024	13	11.86	91.98	6.3	33.47	7.9	25.4	3.01
C7	05 Aug 2024	14	11.83	92.64	6.2	33.48	7.9	25.4	2.67
C7	05 Aug 2024	15	11.79	93.48	6.0	33.49	7.9	25.5	2.28
C7	05 Aug 2024	16	11.69	94.31	5.7	33.50	7.9	25.5	1.78
C7	05 Aug 2024	17	11.57	94.91	5.4	33.51	7.8	25.5	1.24
C7	05 Aug 2024	18	11.55	95.50	5.3	33.52	7.8	25.5	0.91
C7	12 Aug 2024	1	21.19	82.16	9.2	33.46	8.2	23.3	1.93
C7	12 Aug 2024	2	21.00	81.89	9.4	33.46	8.2	23.3	2.10
C7	12 Aug 2024	3	20.36	80.89	9.9	33.45	8.2	23.5	2.82
C7	12 Aug 2024	4	19.94	78.25	10.2	33.44	8.2	23.6	4.86
C7	12 Aug 2024	5	19.47	74.80	10.5	33.44	8.3	23.7	6.89
C7	12 Aug 2024	6	18.84	69.56	10.8	33.44	8.3	23.9	9.65
C7	12 Aug 2024	7	18.55	65.91	11.0	33.44	8.3	23.9	9.32
C7	12 Aug 2024	8	18.43	66.22	10.9	33.43	8.3	24.0	8.35
C7	12 Aug 2024	9	17.58	67.84	10.9	33.44	8.3	24.2	8.42
C7	12 Aug 2024	10	16.98	67.70	10.7	33.44	8.2	24.3	8.97
C7	12 Aug 2024	11	16.74	67.41	10.5	33.43	8.2	24.4	9.54
C7	12 Aug 2024	12	16.35	66.53	10.2	33.43	8.2	24.5	9.56
C7	12 Aug 2024	13	16.01	67.48	9.9	33.42	8.2	24.5	9.04
C7	12 Aug 2024	14	15.76	69.09	9.5	33.42	8.2	24.6	8.25
C7	12 Aug 2024	15	15.39	71.69	9.1	33.42	8.1	24.7	7.12
C7	12 Aug 2024	16	15.19	74.83	8.7	33.41	8.1	24.7	5.92
C7	12 Aug 2024	17	14.83	78.75	8.2	33.41	8.1	24.8	4.64
C7	12 Aug 2024	18	14.58	81.46	7.8	33.42	8.0	24.8	2.30
C7	20 Aug 2024	1	22.19	79.41	8.4	33.48	8.2	23.0	2.30
C7	20 Aug 2024	2	21.44	79.44	8.4	33.49	8.2	23.2	3.66
C7	20 Aug 2024	3	20.97	75.14	8.4	33.46	8.2	23.3	6.74
C7	20 Aug 2024	4	20.79	73.57	8.3	33.45	8.2	23.4	7.34
C7	20 Aug 2024	5	20.24	71.31	8.3	33.45	8.2	23.5	7.07
C7	20 Aug 2024	6	19.60	73.00	8.3	33.44	8.2	23.7	6.96
C7	20 Aug 2024	7	19.20	73.94	8.3	33.40	8.2	23.8	6.39
C7	20 Aug 2024	8	18.62	77.49	8.3	33.39	8.2	23.9	5.72
C7	20 Aug 2024	9	18.15	81.26	8.4	33.38	8.2	24.0	5.14

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C7	20 Aug 2024	10	18.04	82.57	8.2	33.36	8.1	24.0	4.71
C7	20 Aug 2024	11	17.31	83.35	8.3	33.36	8.1	24.2	4.36
C7	20 Aug 2024	12	15.92	84.75	8.5	33.33	8.1	24.5	3.56
C7	20 Aug 2024	13	15.42	87.66	8.5	33.29	8.1	24.6	2.79
C7	20 Aug 2024	14	15.18	90.63	8.4	33.27	8.1	24.6	2.45
C7	20 Aug 2024	15	15.03	91.59	8.2	33.28	8.1	24.6	2.13
C7	20 Aug 2024	16	14.87	92.08	8.1	33.27	8.1	24.7	1.62
C7	20 Aug 2024	17	14.69	93.01	7.9	33.27	8.1	24.7	1.07
C7	20 Aug 2024	18	14.44	93.83	7.8	33.28	8.1	24.8	0.71
C7	27 Aug 2024	1	22.56	80.86	8.7	33.50	8.2	22.9	2.96
C7	27 Aug 2024	2	22.56	80.78	8.6	33.50	8.2	22.9	3.16
C7	27 Aug 2024	3	22.39	80.55	8.5	33.51	8.2	23.0	3.36
C7	27 Aug 2024	4	21.30	79.52	8.8	33.53	8.2	23.3	3.90
C7	27 Aug 2024	5	20.09	76.60	9.3	33.45	8.2	23.6	4.47
C7	27 Aug 2024	6	19.31	76.13	9.6	33.40	8.2	23.7	4.72
C7	27 Aug 2024	7	18.95	77.24	9.6	33.37	8.2	23.8	4.43
C7	27 Aug 2024	8	18.87	80.80	9.4	33.35	8.2	23.8	4.02
C7	27 Aug 2024	9	18.64	81.77	9.3	33.36	8.2	23.9	3.93
C7	27 Aug 2024	10	18.14	81.76	9.0	33.36	8.2	24.0	3.90
C7	27 Aug 2024	11	17.56	83.39	8.7	33.33	8.1	24.1	3.26
C7	27 Aug 2024	12	16.78	88.52	8.6	33.28	8.1	24.2	2.21
C7	27 Aug 2024	13	16.53	93.44	8.6	33.25	8.1	24.3	1.65
C7	27 Aug 2024	14	16.46	93.86	8.6	33.27	8.1	24.3	1.74
C7	27 Aug 2024	15	16.17	92.07	8.3	33.30	8.1	24.4	2.03
C7	27 Aug 2024	16	15.62	90.88	8.0	33.31	8.1	24.5	2.19
C7	27 Aug 2024	17	15.01	91.01	7.6	33.32	8.0	24.7	1.73
C8	05 Aug 2024	1	16.67	76.85	9.1	33.44	8.2	24.4	1.82
C8	05 Aug 2024	2	16.42	83.72	8.9	33.47	8.2	24.5	1.98
C8	05 Aug 2024	3	15.42	84.21	8.8	33.47	8.1	24.7	2.37
C8	05 Aug 2024	4	14.66	84.25	8.7	33.48	8.1	24.9	3.07
C8	05 Aug 2024	5	14.66	83.27	8.6	33.42	8.1	24.8	4.06
C8	05 Aug 2024	6	13.98	82.18	8.5	33.48	8.1	25.0	5.02
C8	05 Aug 2024	7	13.74	80.73	8.3	33.46	8.1	25.1	5.99
C8	05 Aug 2024	8	13.53	81.01	8.0	33.47	8.1	25.1	6.04
C8	05 Aug 2024	9	13.38	82.40	7.8	33.46	8.0	25.1	5.79
C8	05 Aug 2024	10	13.32	83.81	7.5	33.47	8.0	25.1	5.33
C8	05 Aug 2024	11	12.99	85.83	7.1	33.48	8.0	25.2	4.33
C8	05 Aug 2024	12	12.55	87.60	6.7	33.50	8.0	25.3	3.56
C8	05 Aug 2024	13	12.12	91.60	6.3	33.50	7.9	25.4	2.59
C8	05 Aug 2024	14	11.92	94.18	5.9	33.50	7.9	25.4	1.76
C8	05 Aug 2024	15	11.78	94.80	5.7	33.50	7.9	25.5	1.41
C8	05 Aug 2024	16	11.76	95.13	5.6	33.49	7.9	25.5	1.18
C8	05 Aug 2024	17	11.75	94.96	5.6	33.50	7.9	25.5	1.34
C8	05 Aug 2024	18	11.77	94.89	5.5	33.50	7.9	25.5	1.08
C8	05 Aug 2024	19	11.76	95.00	5.5	33.50	7.8	25.5	1.08
C8	12 Aug 2024	1	20.84	79.64	8.9	33.46	8.2	23.4	2.16
C8	12 Aug 2024	2	20.09	79.51	9.6	33.46	8.2	23.6	2.35
C8	12 Aug 2024	3	19.40	79.27	10.2	33.46	8.2	23.7	2.76
C8	12 Aug 2024	4	18.66	78.72	10.4	33.45	8.2	23.9	5.03
C8	12 Aug 2024	5	18.06	72.96	10.3	33.43	8.2	24.1	8.90
C8	12 Aug 2024	6	17.24	70.35	10.4	33.42	8.2	24.2	8.01
C8	12 Aug 2024	7	16.77	74.23	10.5	33.42	8.2	24.4	7.43
C8	12 Aug 2024	8	16.56	73.60	10.3	33.41	8.2	24.4	7.29
C8	12 Aug 2024	9	16.31	74.67	10.1	33.41	8.2	24.5	6.73
C8	12 Aug 2024	10	16.07	76.63	9.9	33.40	8.2	24.5	6.37
C8	12 Aug 2024	11	15.75	78.26	9.7	33.40	8.2	24.6	6.37
C8	12 Aug 2024	12	15.30	77.92	9.5	33.40	8.2	24.7	6.30
C8	12 Aug 2024	13	15.20	78.98	9.2	33.39	8.1	24.7	5.90

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C8	12 Aug 2024	14	15.13	80.44	9.0	33.39	8.1	24.7	5.52
C8	12 Aug 2024	15	14.95	81.65	8.6	33.39	8.1	24.7	4.98
C8	12 Aug 2024	16	14.87	84.29	8.2	33.39	8.1	24.8	4.57
C8	12 Aug 2024	17	14.58	85.68	7.7	33.40	8.1	24.8	3.79
C8	12 Aug 2024	18	13.73	88.73	7.3	33.40	8.0	25.0	1.81
C8	12 Aug 2024	19	13.46	92.83	7.2	33.40	8.0	25.1	0.99
C8	12 Aug 2024	20	13.54	92.30	7.2	33.40	8.0	25.0	0.90
C8	20 Aug 2024	1	21.19	78.66	8.1	33.45	8.2	23.3	2.87
C8	20 Aug 2024	2	19.99	78.39	8.2	33.47	8.2	23.6	4.05
C8	20 Aug 2024	3	19.22	76.98	8.4	33.42	8.2	23.8	5.02
C8	20 Aug 2024	4	18.57	77.48	8.6	33.39	8.2	23.9	4.84
C8	20 Aug 2024	5	18.49	80.24	8.6	33.38	8.2	23.9	4.84
C8	20 Aug 2024	6	18.47	80.42	8.6	33.38	8.2	23.9	5.02
C8	20 Aug 2024	7	18.33	80.88	8.5	33.38	8.2	24.0	4.98
C8	20 Aug 2024	8	17.21	81.16	8.7	33.40	8.2	24.2	4.27
C8	20 Aug 2024	9	16.45	84.97	8.8	33.34	8.2	24.4	3.26
C8	20 Aug 2024	10	16.18	87.79	8.8	33.33	8.2	24.4	2.75
C8	20 Aug 2024	11	16.05	88.70	8.7	33.33	8.1	24.4	2.53
C8	20 Aug 2024	12	15.79	89.36	8.7	33.32	8.1	24.5	2.32
C8	20 Aug 2024	13	15.70	90.12	8.7	33.31	8.1	24.5	2.07
C8	20 Aug 2024	14	15.50	90.47	8.7	33.32	8.1	24.6	1.92
C8	20 Aug 2024	15	15.36	91.04	8.5	33.31	8.1	24.6	1.65
C8	20 Aug 2024	16	15.25	91.60	8.3	33.31	8.1	24.6	1.17
C8	20 Aug 2024	17	15.01	92.62	8.1	33.31	8.1	24.7	0.79
C8	20 Aug 2024	18	14.89	93.10	7.9	33.30	8.1	24.7	0.50
C8	20 Aug 2024	19	14.80	92.34	7.8	33.31	8.1	24.7	0.41
C8	20 Aug 2024	20	14.77	91.31	7.8	33.30	8.1	24.7	0.35
C8	27 Aug 2024	1	22.59	82.99	8.8	33.50	8.2	22.9	2.58
C8	27 Aug 2024	2	22.53	83.13	8.8	33.50	8.2	22.9	2.68
C8	27 Aug 2024	3	21.02	81.06	9.5	33.52	8.2	23.4	3.70
C8	27 Aug 2024	4	19.49	76.57	9.7	33.42	8.2	23.7	5.00
C8	27 Aug 2024	5	18.36	77.08	9.0	33.38	8.2	23.9	4.19
C8	27 Aug 2024	6	17.37	85.25	8.6	33.29	8.1	24.1	2.42
C8	27 Aug 2024	7	17.21	91.99	8.5	33.27	8.1	24.1	1.87
C8	27 Aug 2024	8	16.81	92.42	8.6	33.26	8.1	24.2	1.69
C8	27 Aug 2024	9	16.44	93.53	8.7	33.23	8.1	24.3	1.45
C8	27 Aug 2024	10	16.37	94.28	8.7	33.23	8.1	24.3	1.44
C8	27 Aug 2024	11	16.29	93.73	8.7	33.23	8.1	24.3	1.41
C8	27 Aug 2024	12	16.26	93.76	8.6	33.23	8.1	24.3	1.49
C8	27 Aug 2024	13	16.11	93.48	8.5	33.27	8.1	24.4	1.63
C8	27 Aug 2024	14	15.65	92.81	8.3	33.30	8.1	24.5	2.07
C8	27 Aug 2024	15	15.45	91.30	8.2	33.29	8.1	24.6	2.45
C8	27 Aug 2024	16	15.29	90.19	8.0	33.29	8.1	24.6	2.81
C8	27 Aug 2024	17	15.13	89.74	7.9	33.28	8.0	24.6	2.66
C8	27 Aug 2024	18	14.66	90.31	7.7	33.30	8.0	24.7	1.61
C8	27 Aug 2024	19	14.30	93.66	7.7	33.29	8.0	24.8	0.92

NA = not available

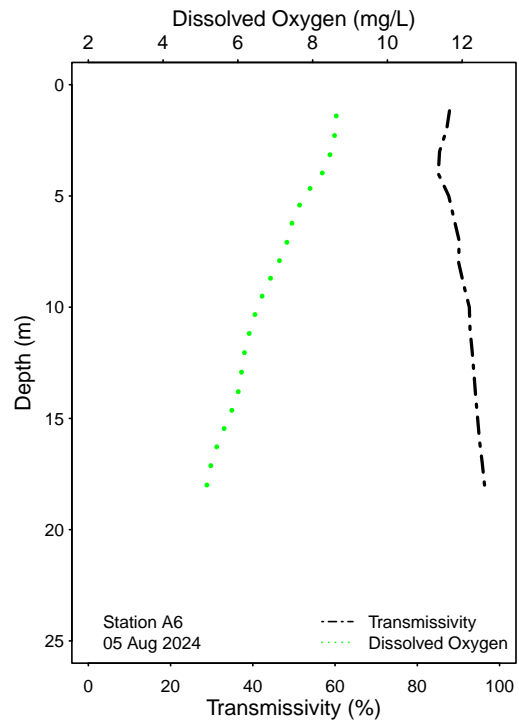
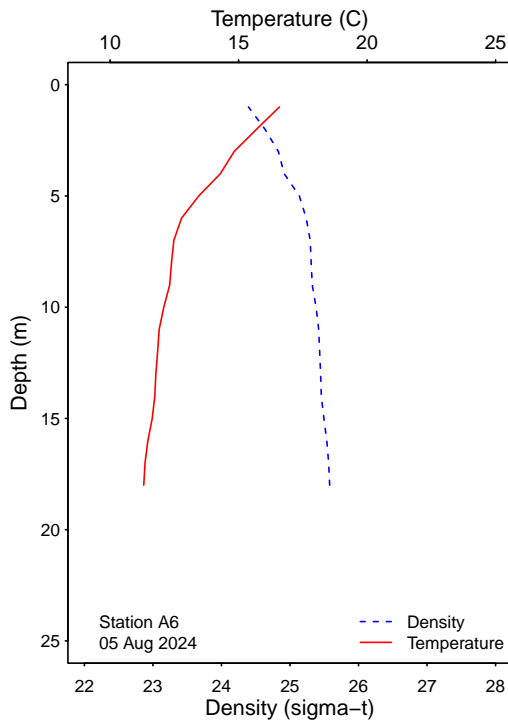
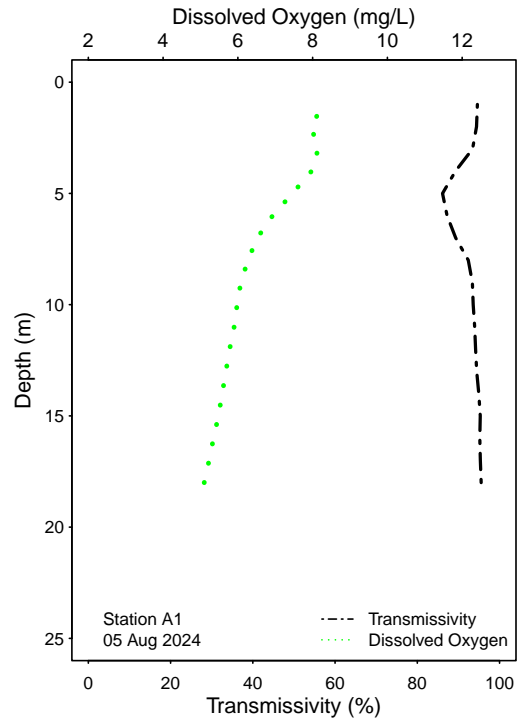
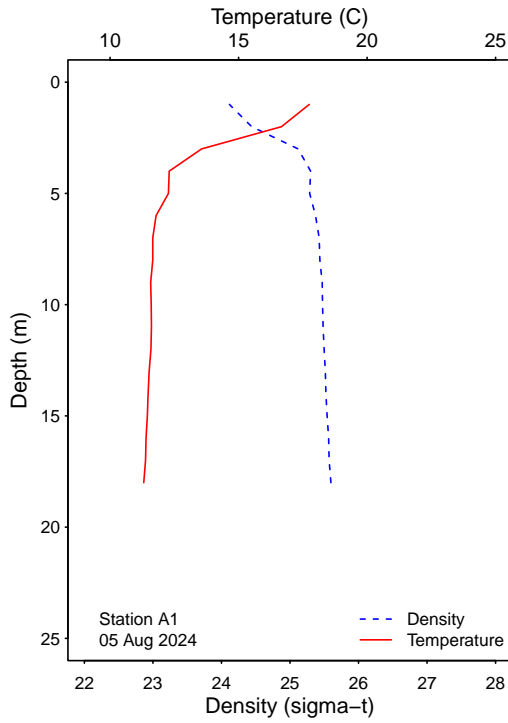


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

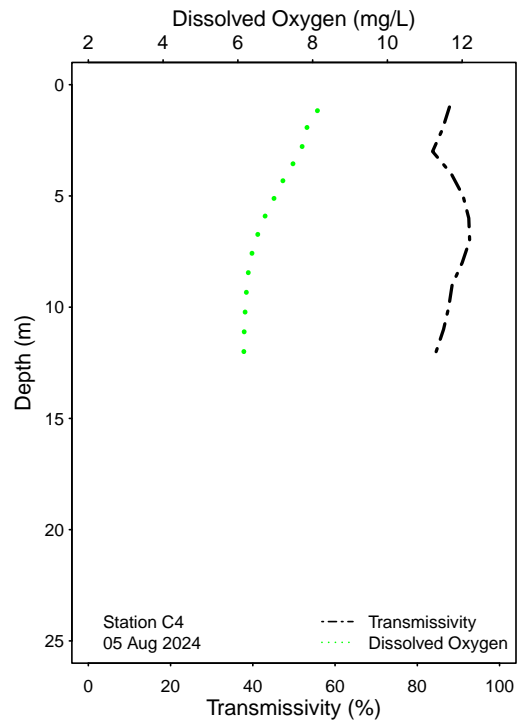
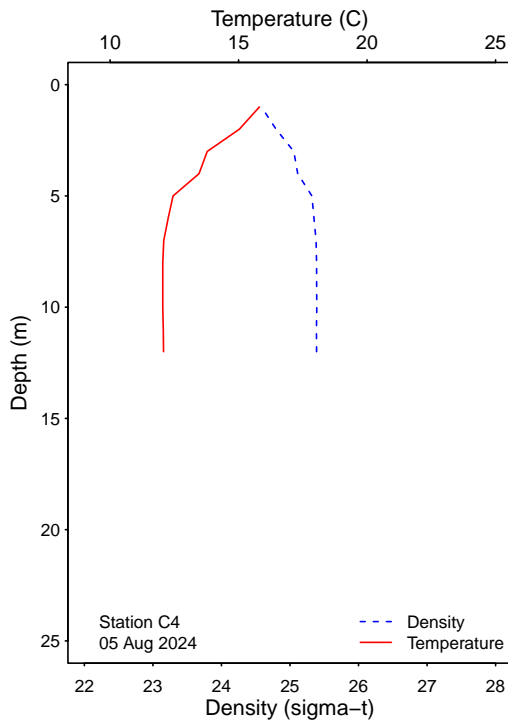
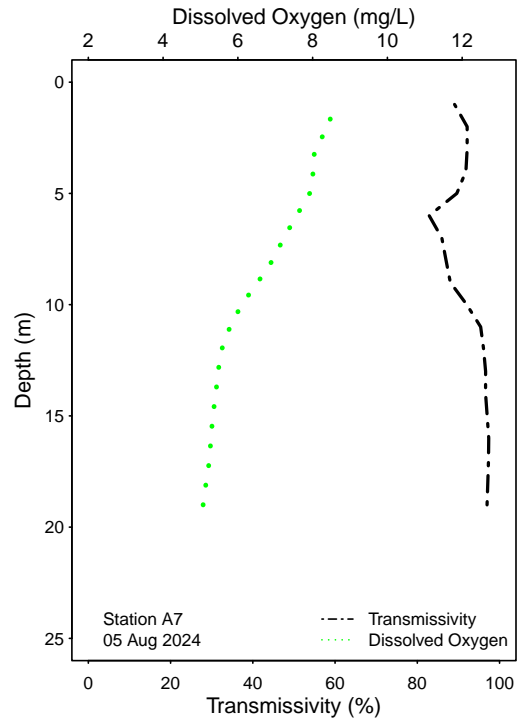
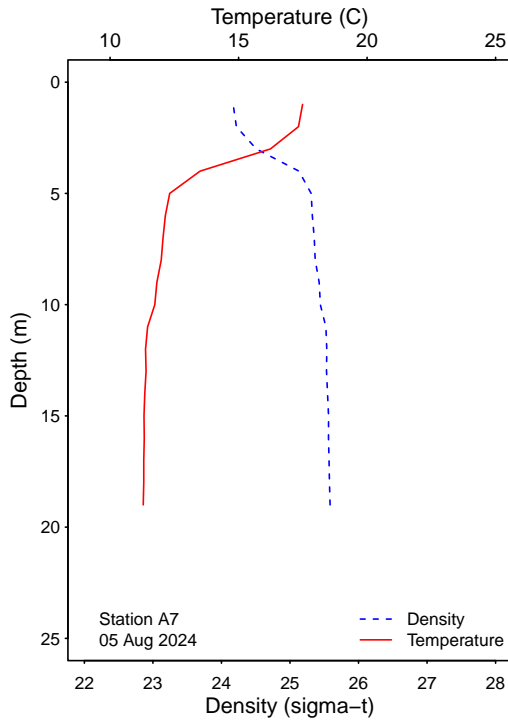


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

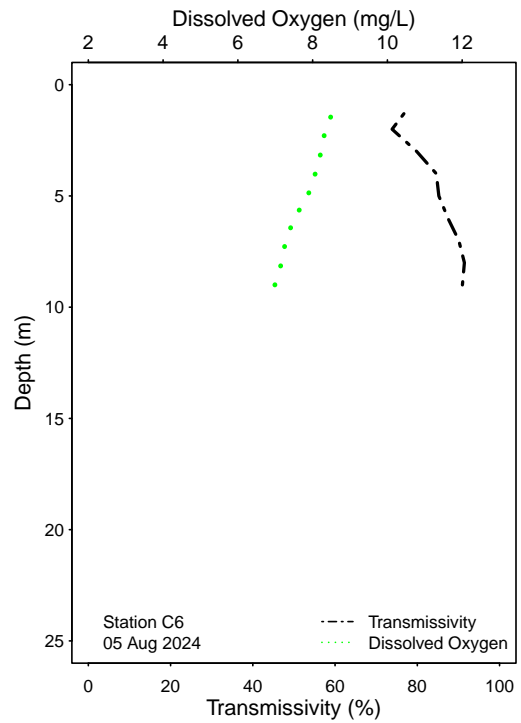
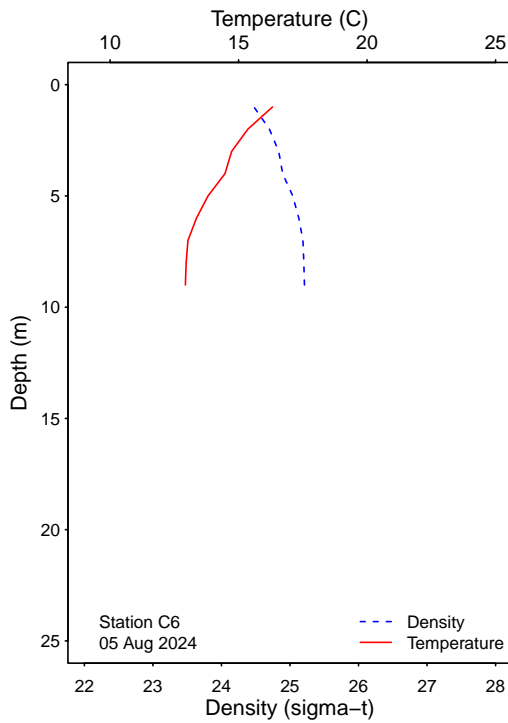
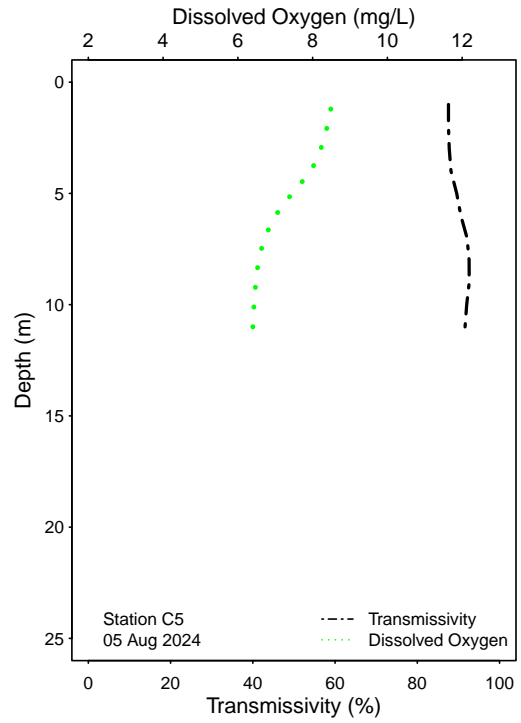
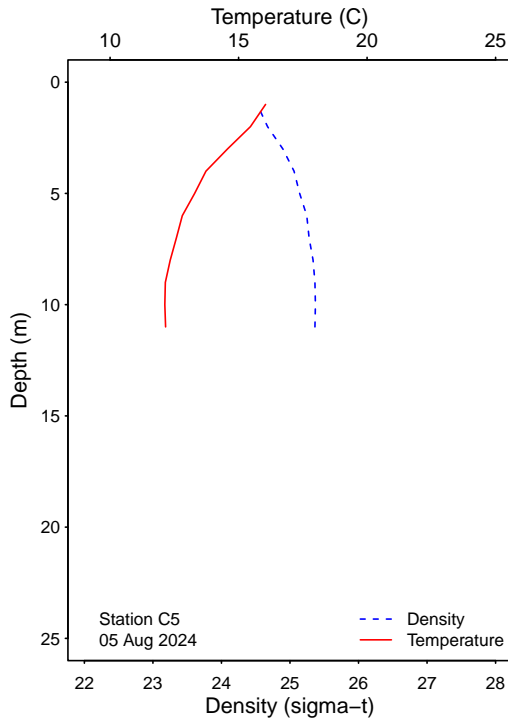


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

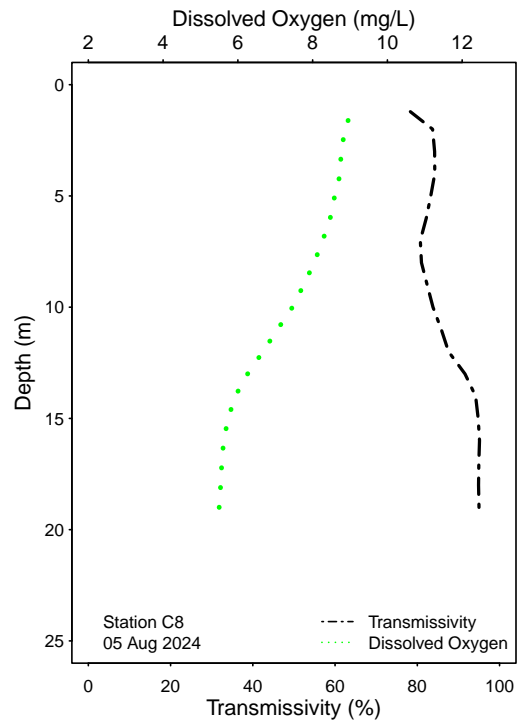
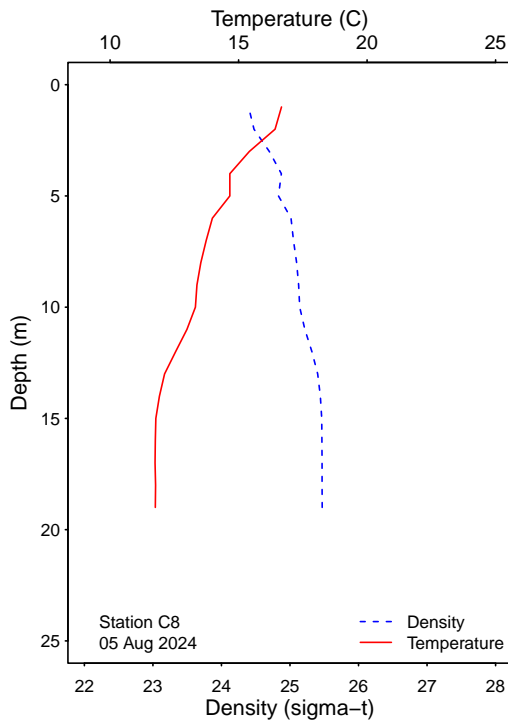
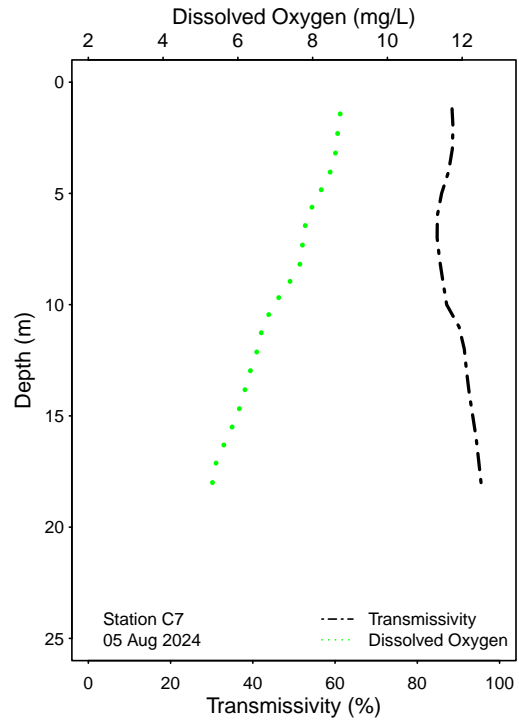
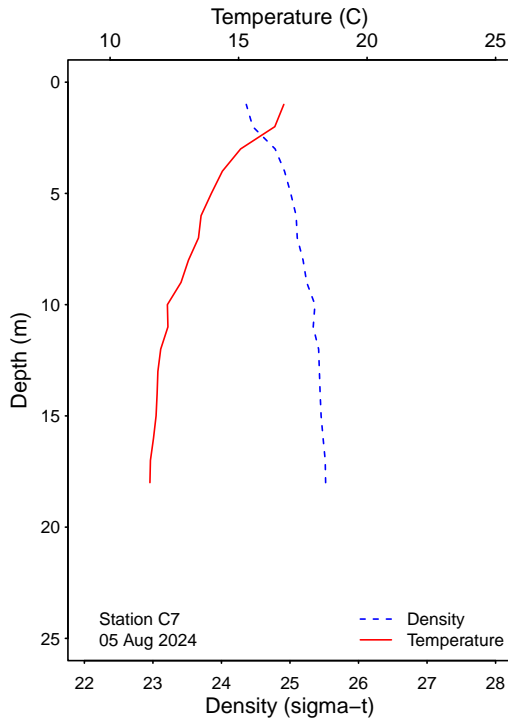


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

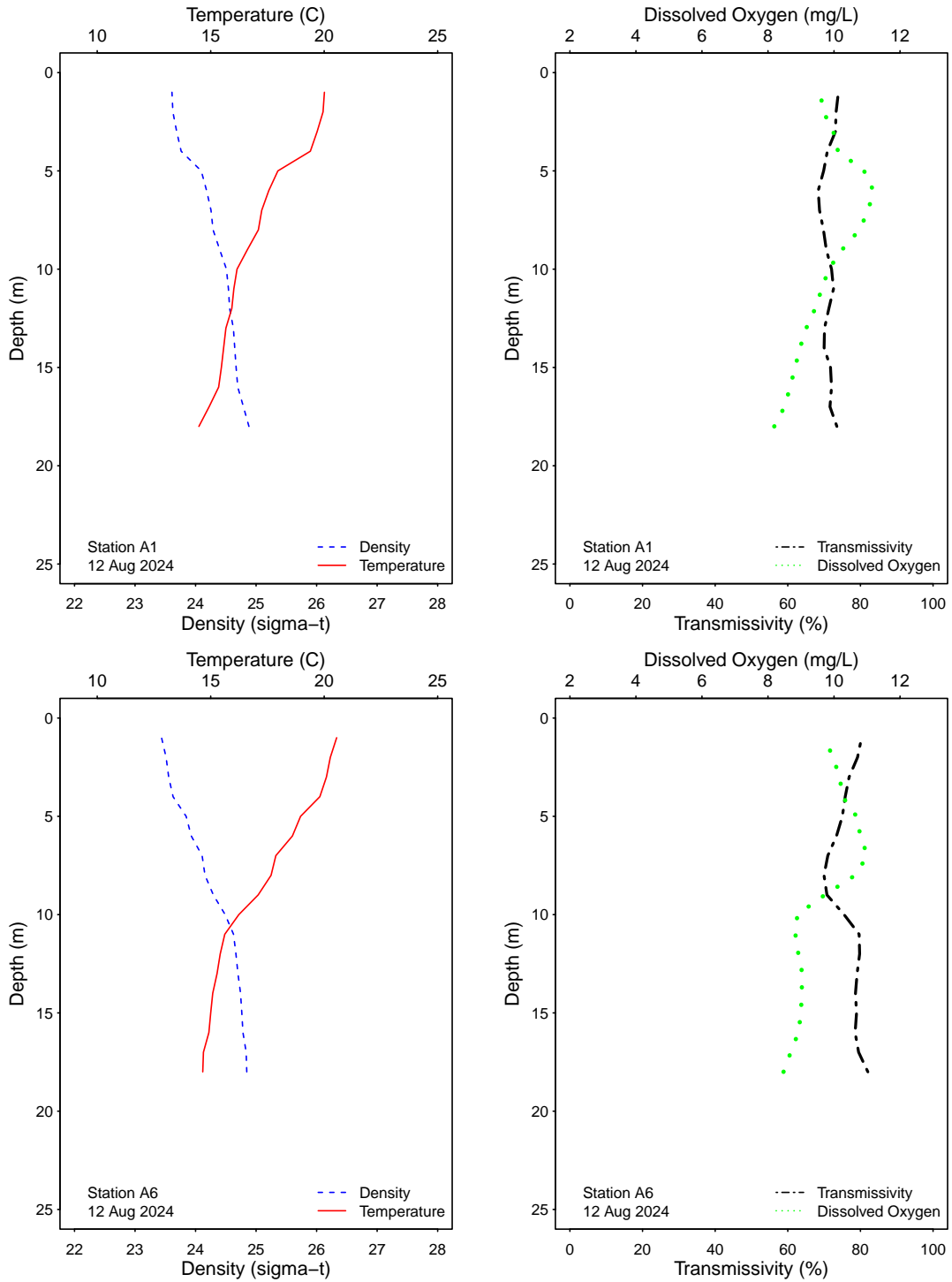


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

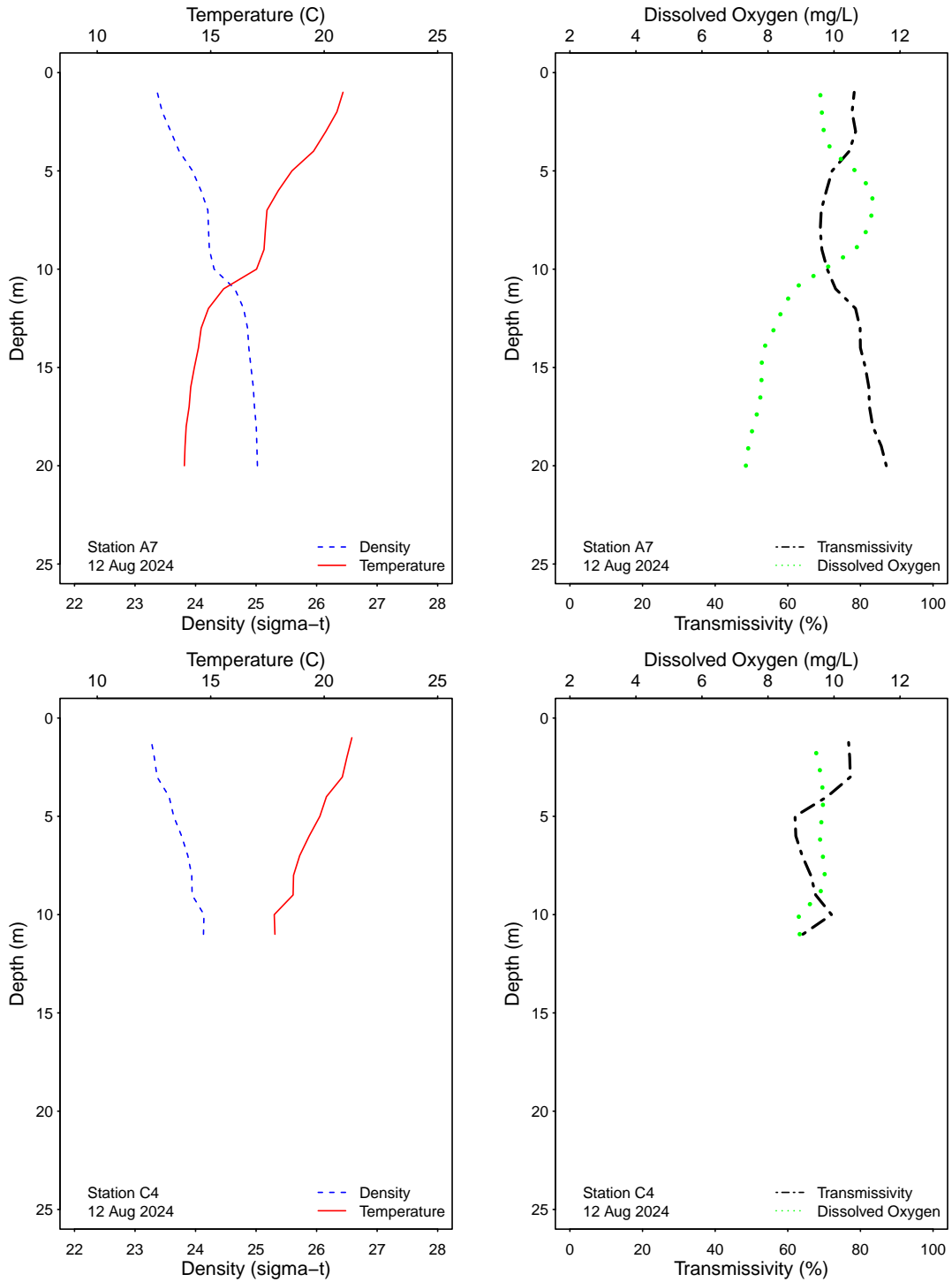


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

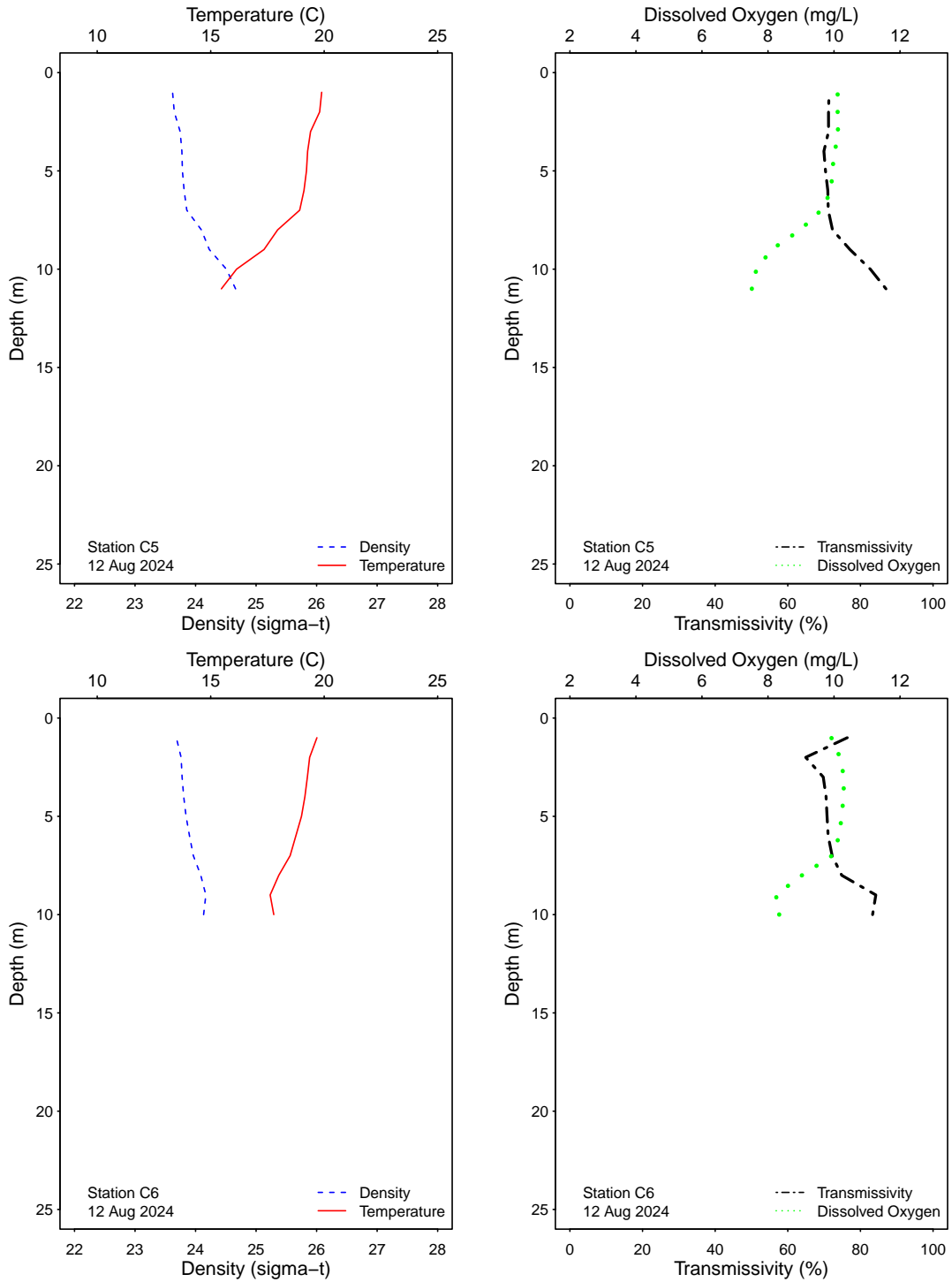


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

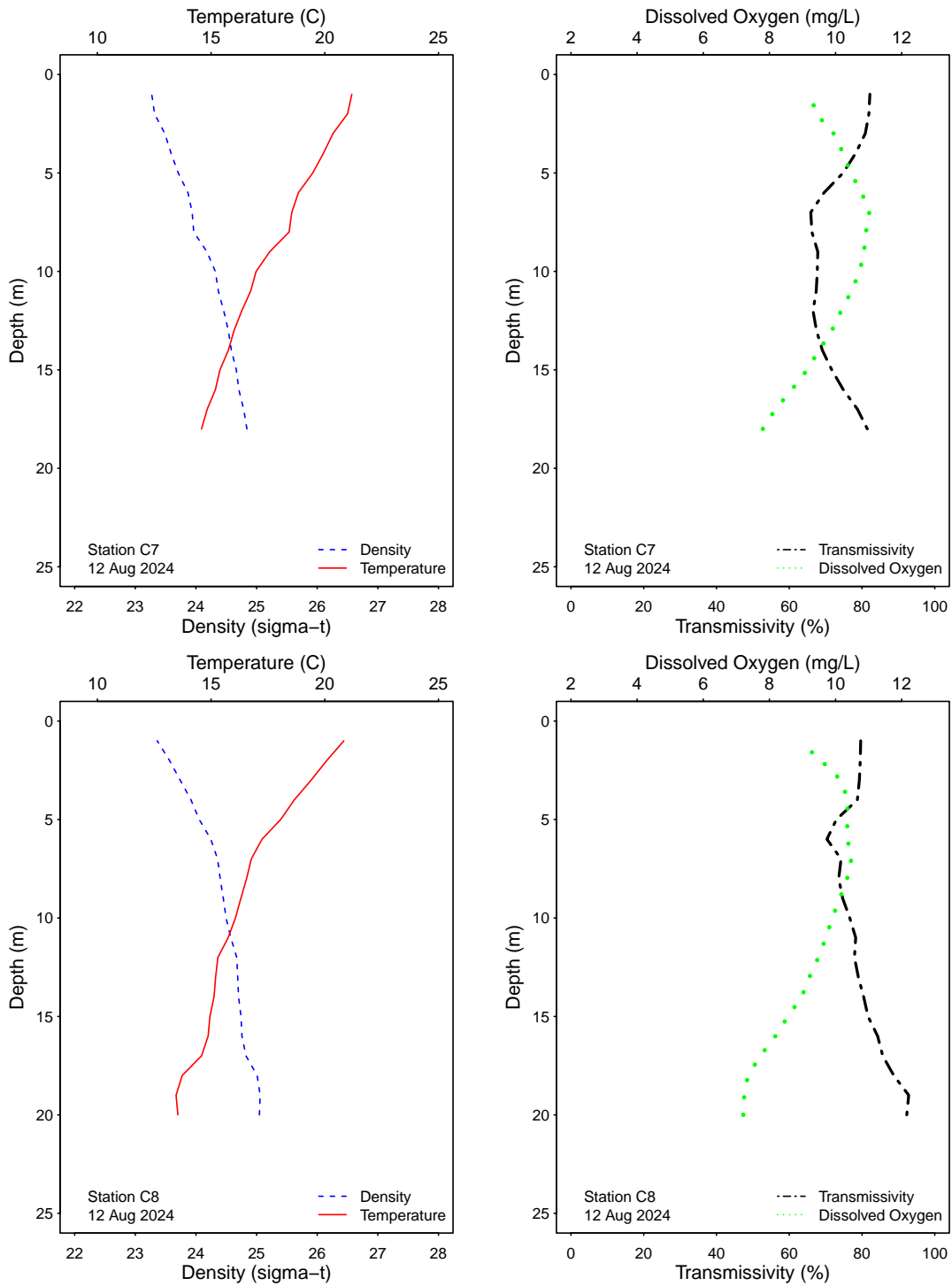


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

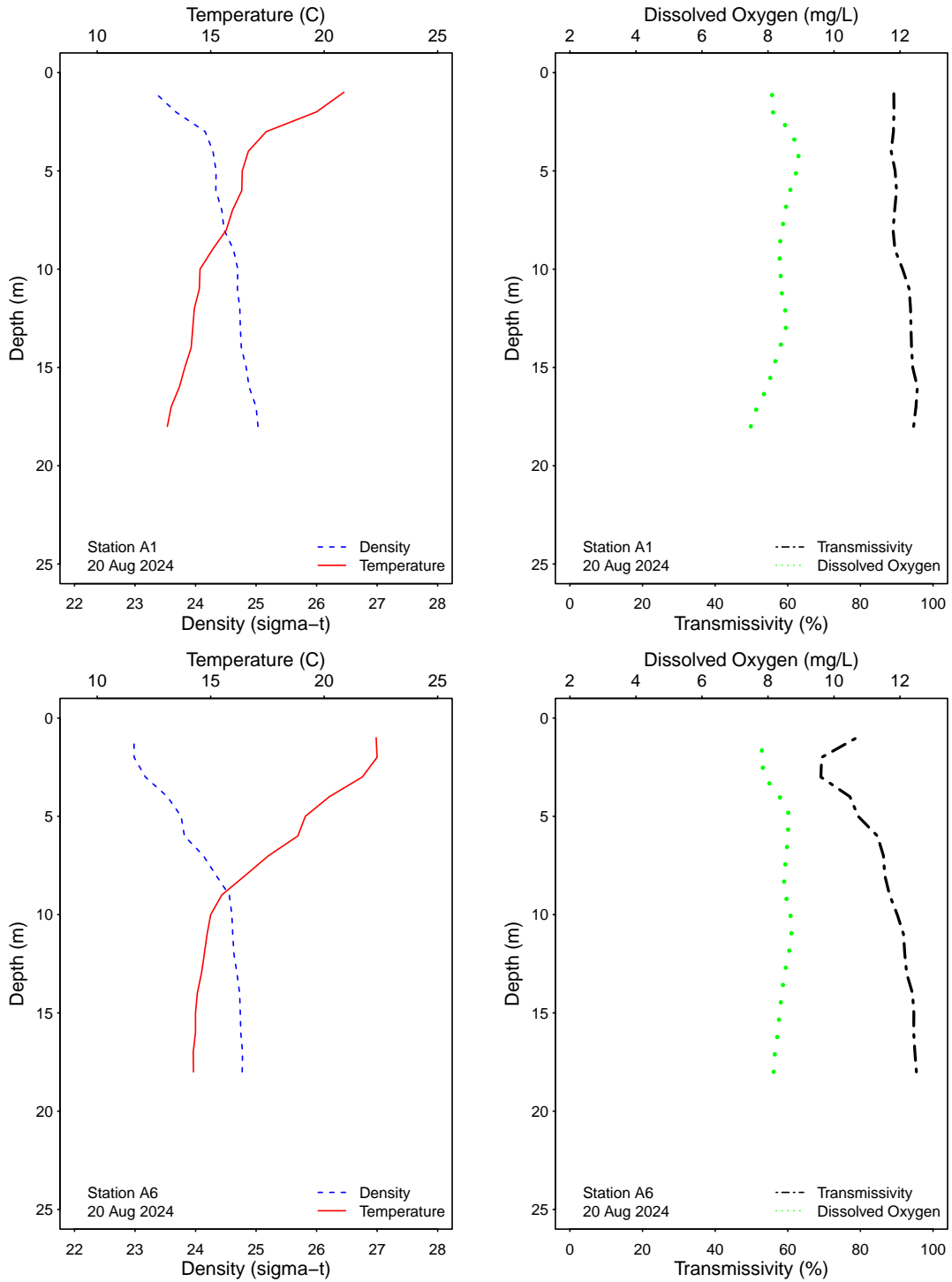


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

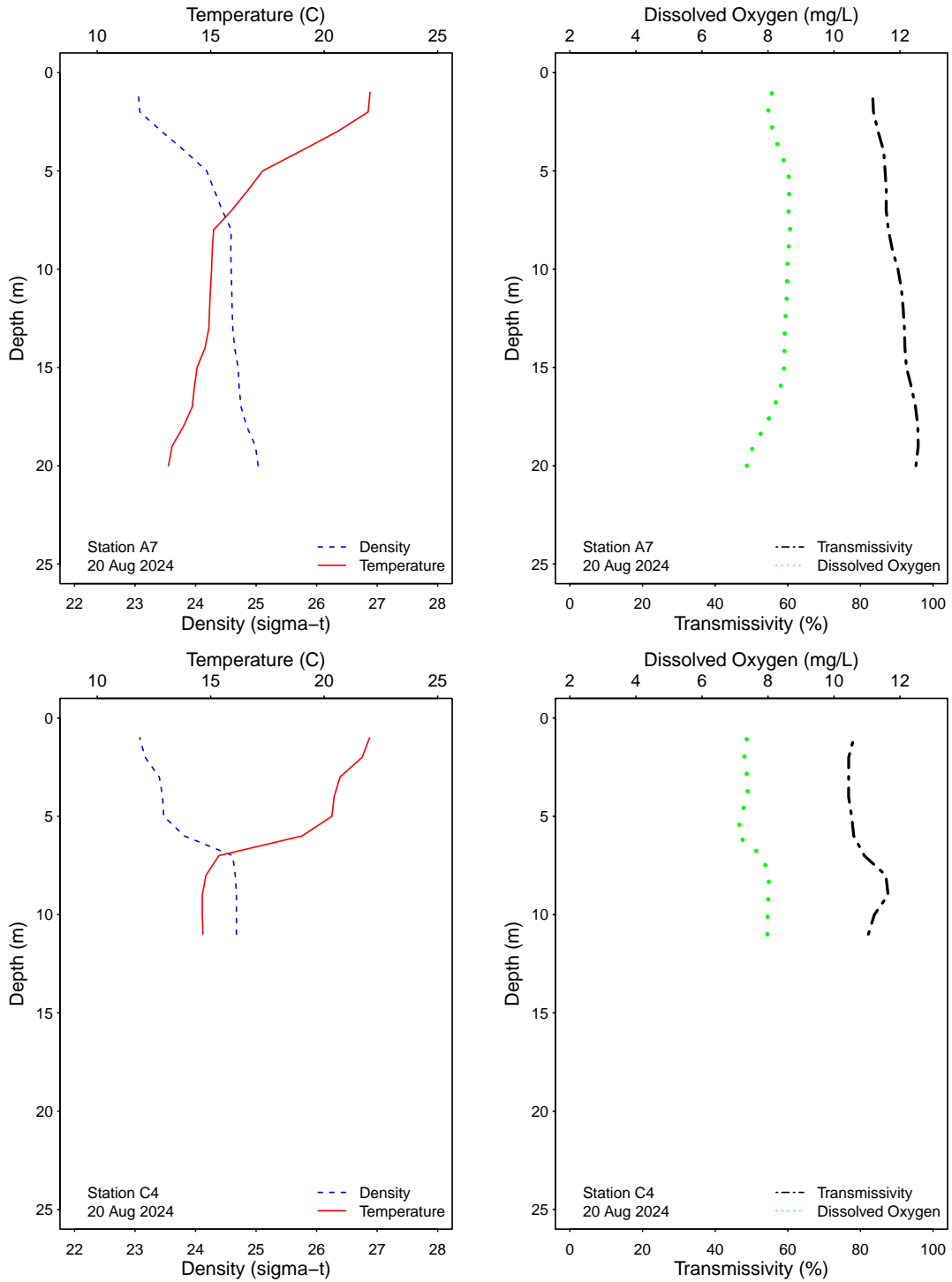


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

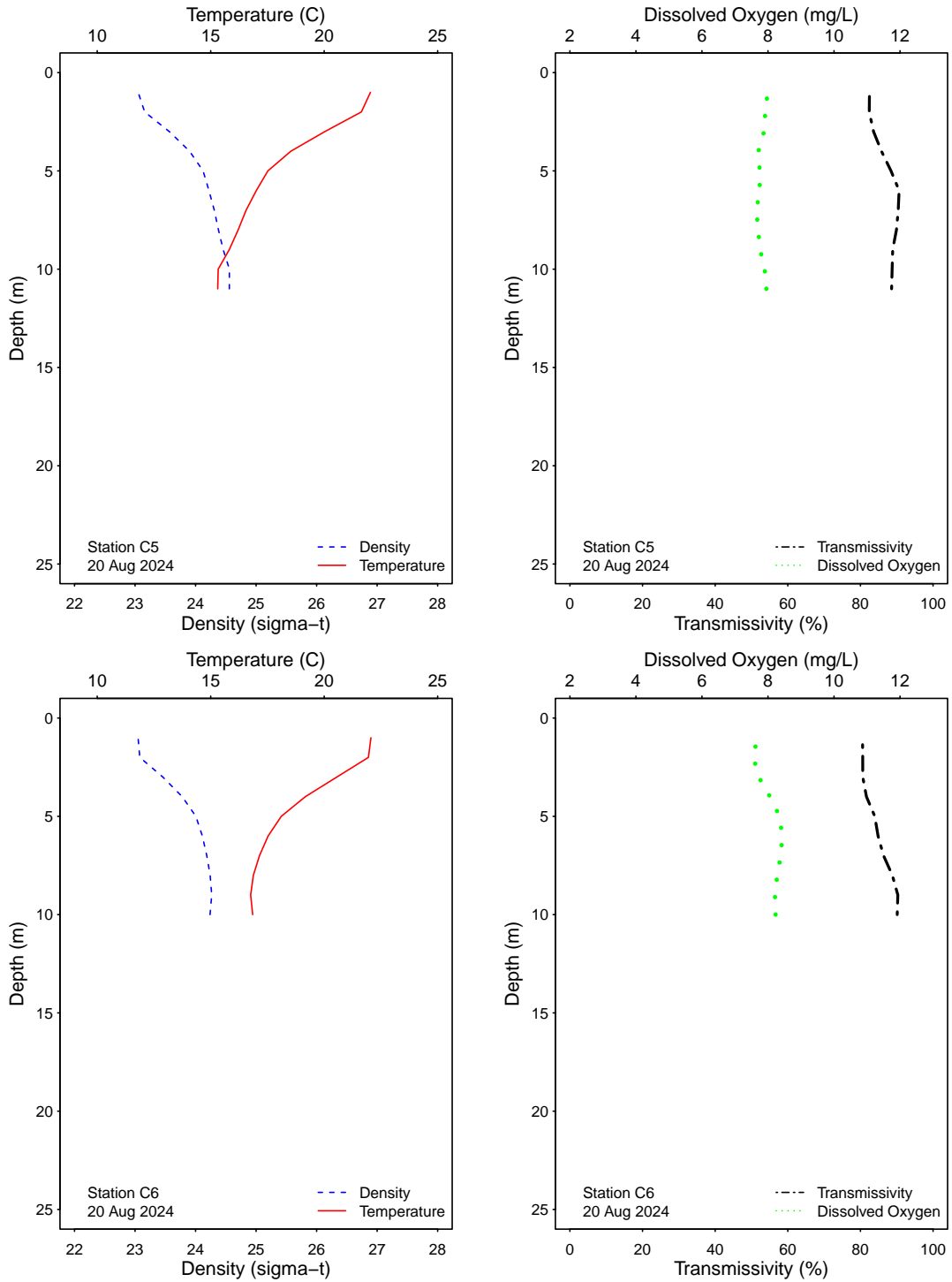


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

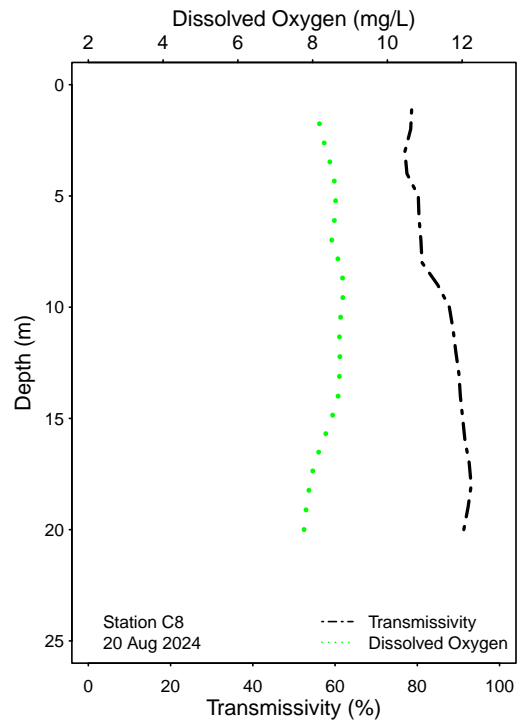
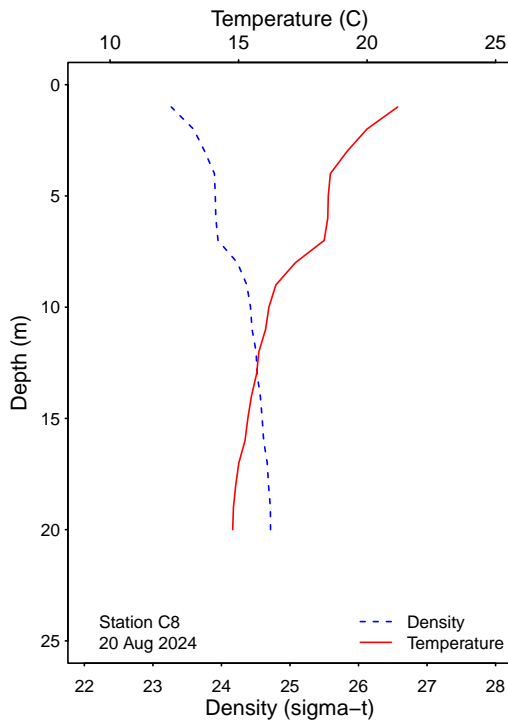
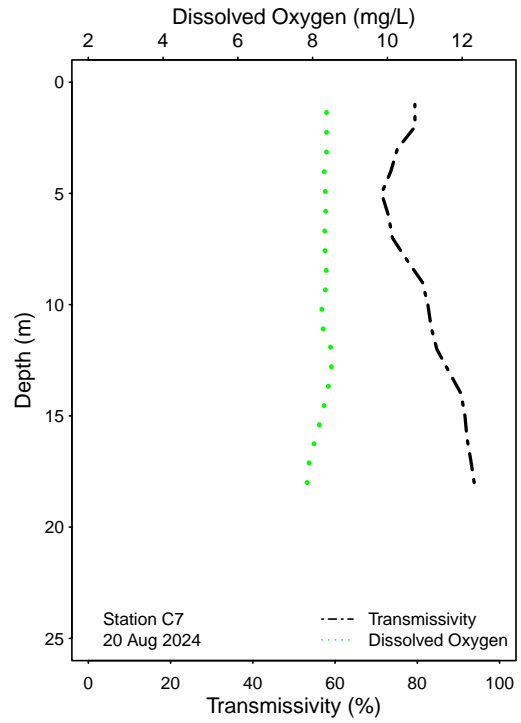
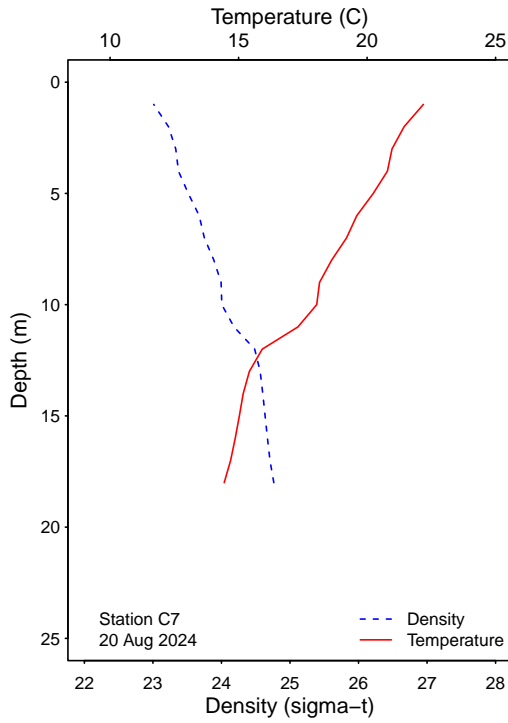


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

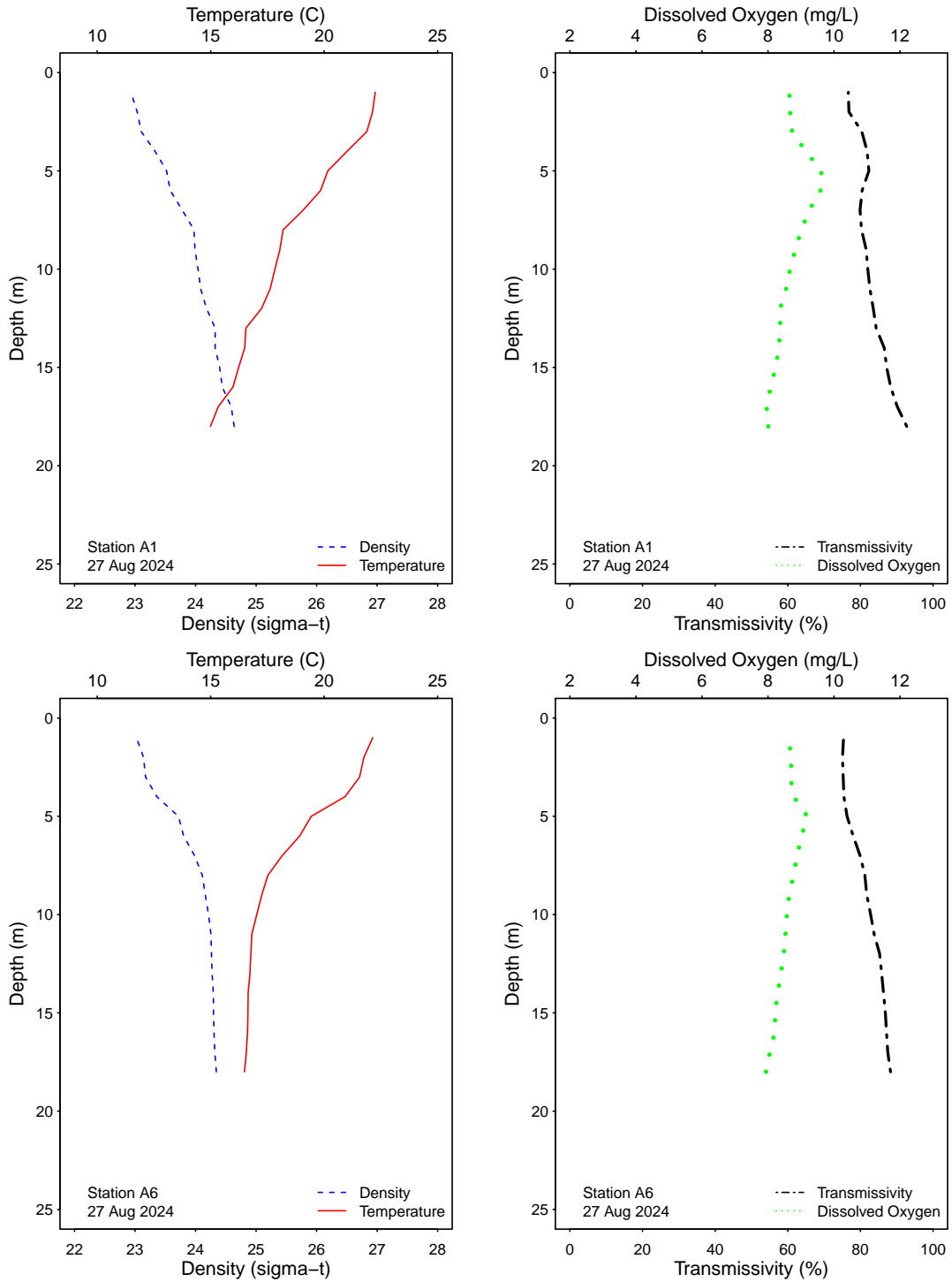


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

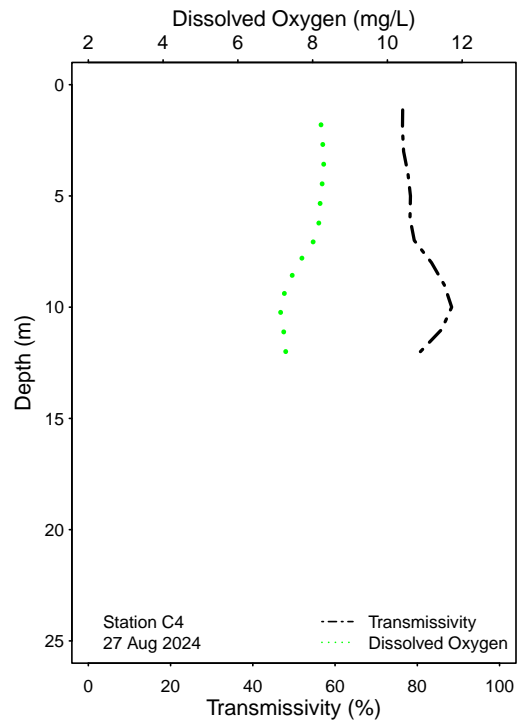
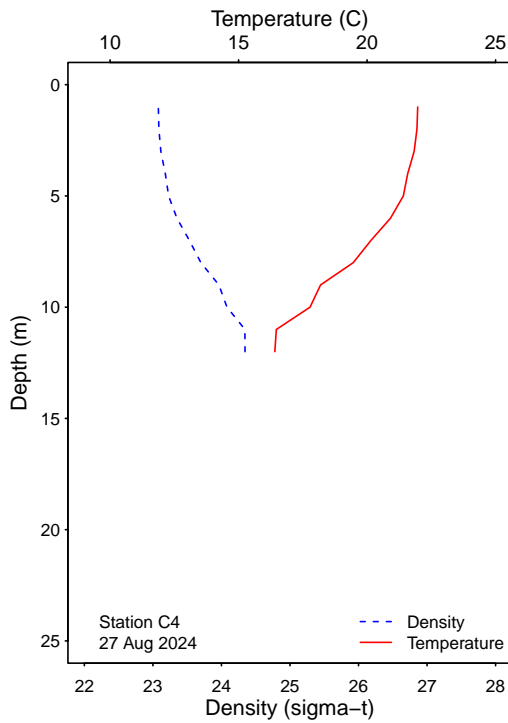
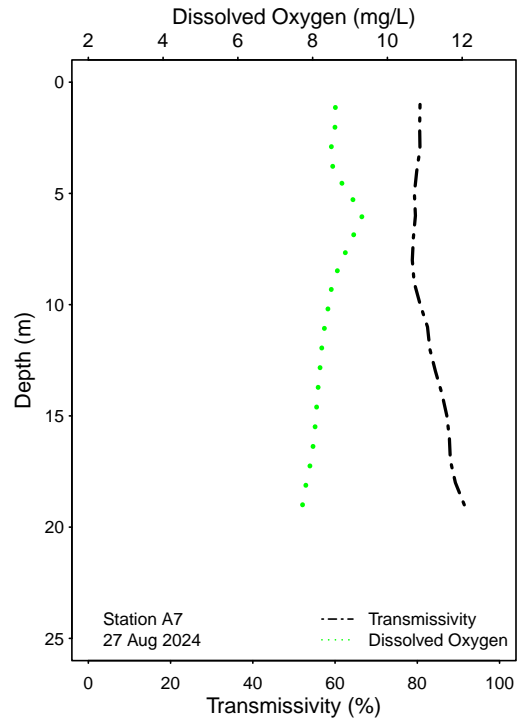
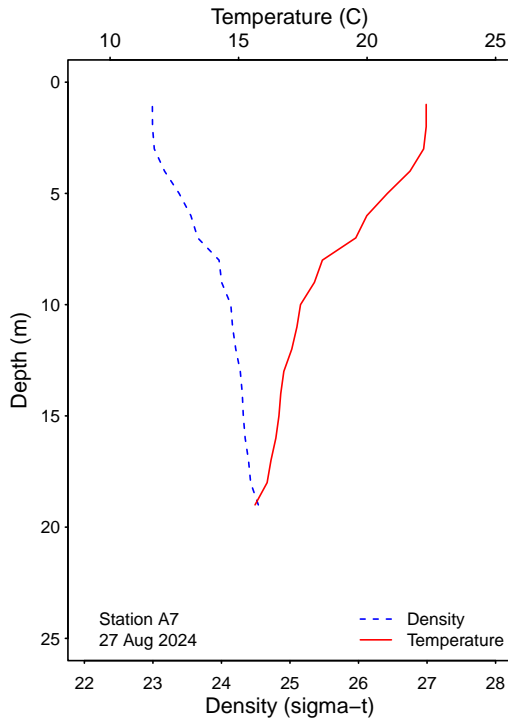


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

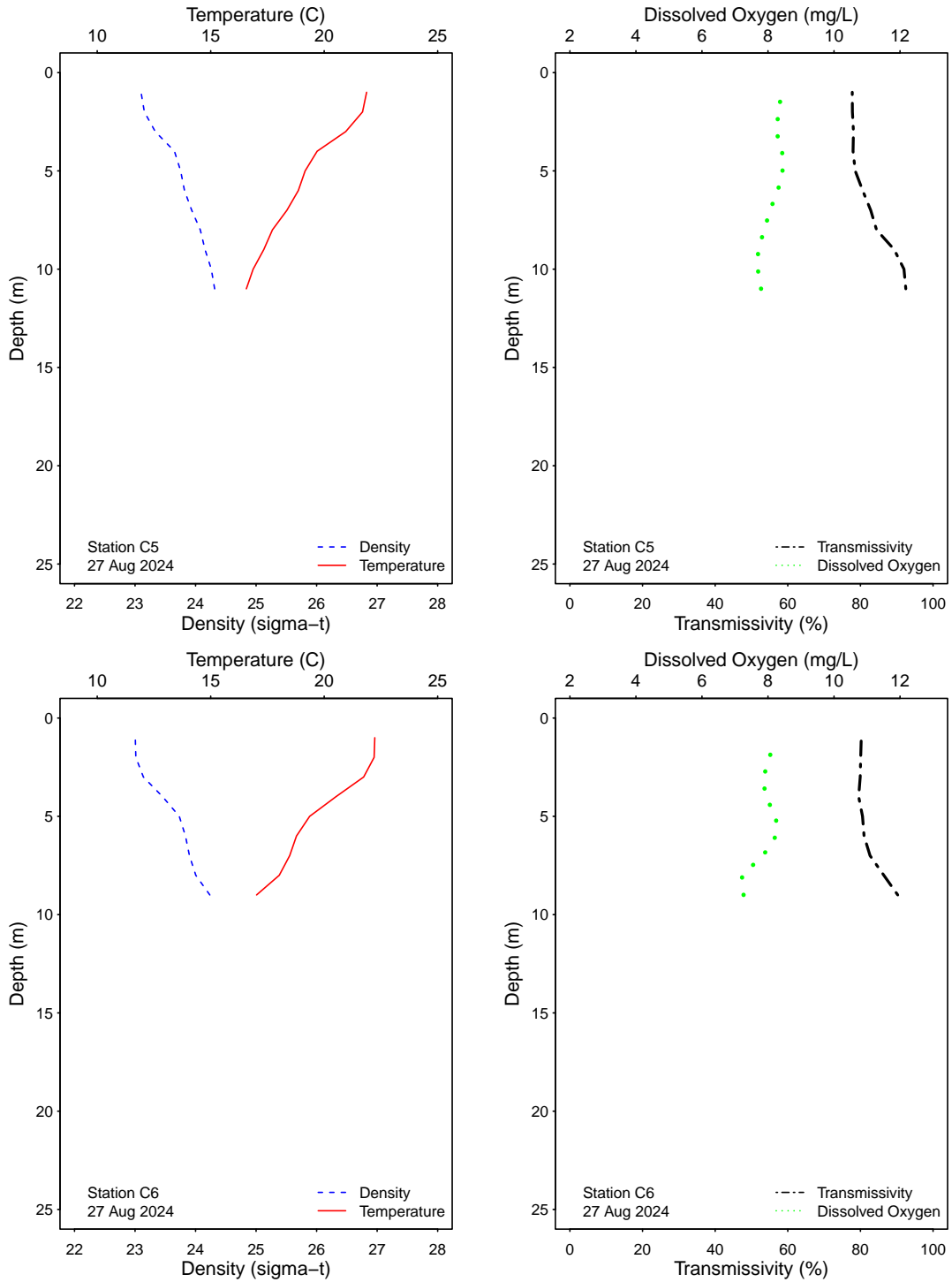


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

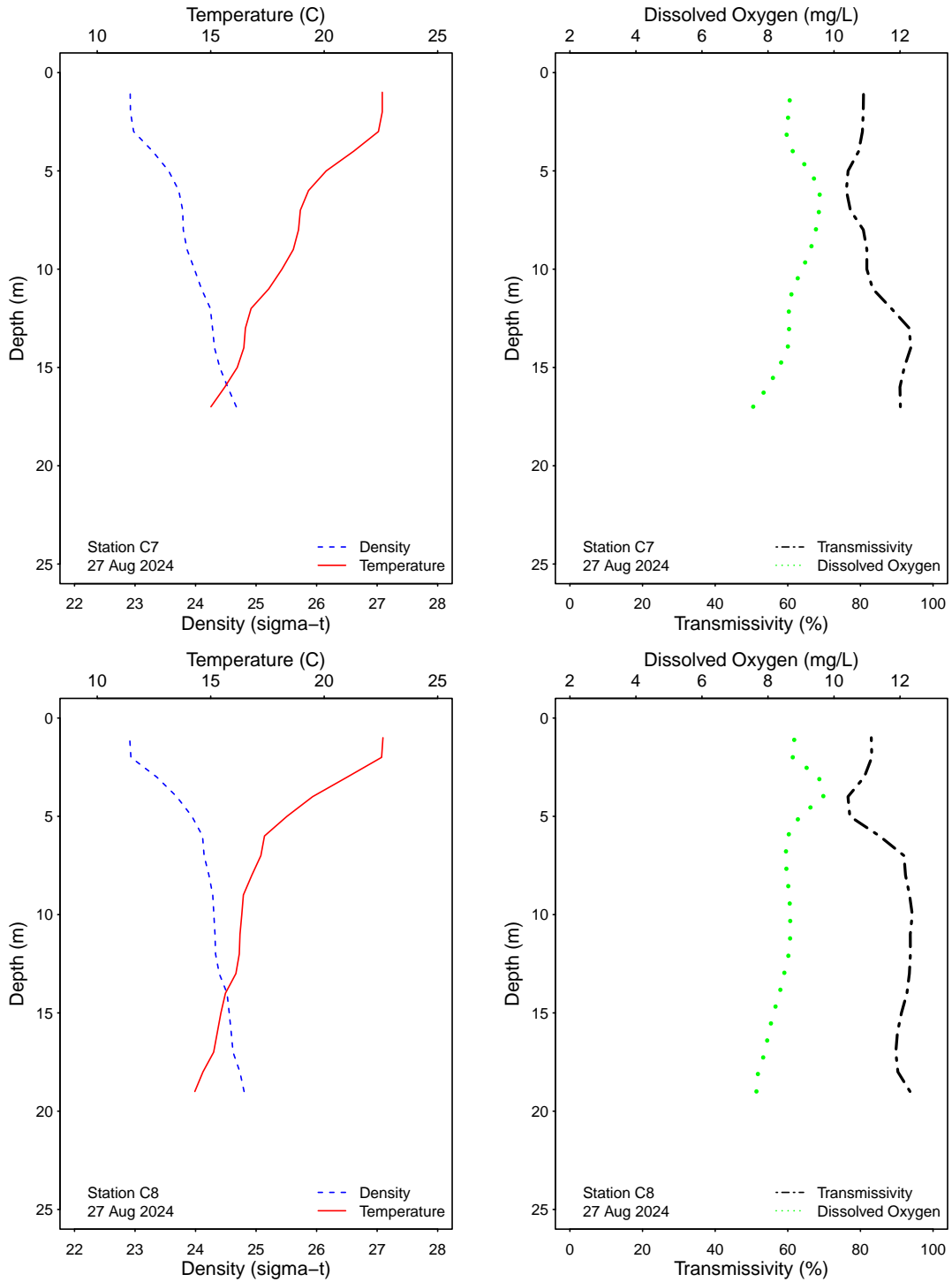


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

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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
14 Aug 2024	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	ns	ns	ns
15 Aug 2024	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	IC	IC	E

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 4.2

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

Station	Date	Time	Depth	Entero
F01	14 Aug 2024	1325	1	<2
F01	14 Aug 2024	1325	12	<2
F01	14 Aug 2024	1325	18	<2
F02	14 Aug 2024	849	1	<2
F02	14 Aug 2024	849	12	<2
F02	14 Aug 2024	849	18	<2
F03	14 Aug 2024	904	1	<2
F03	14 Aug 2024	904	12	<2
F03	14 Aug 2024	904	18	<2
F04	14 Aug 2024	1304	1	<2
F04	14 Aug 2024	1304	25	<2
F04	14 Aug 2024	1304	60	<2
F05	14 Aug 2024	1254	1	<2
F05	14 Aug 2024	1254	25	<2
F05	14 Aug 2024	1254	60	<2
F06	14 Aug 2024	1237	1	<2
F06	14 Aug 2024	1237	25	<2
F06	14 Aug 2024	1237	60	<2
F07	14 Aug 2024	1124	1	<2
F07	14 Aug 2024	1124	25	<2
F07	14 Aug 2024	1124	60	<2
F08	14 Aug 2024	1056	1	<2
F08	14 Aug 2024	1056	25	<2
F08	14 Aug 2024	1056	60	<2
F09	14 Aug 2024	1044	1	<2
F09	14 Aug 2024	1044	25	<2
F09	14 Aug 2024	1044	60	<2
F10	14 Aug 2024	1027	1	<2
F10	14 Aug 2024	1027	25	<2
F10	14 Aug 2024	1027	60	<2
F11	14 Aug 2024	1012	1	<2
F11	14 Aug 2024	1012	25	<2
F11	14 Aug 2024	1012	60	<2
F12	14 Aug 2024	1000	1	<2
F12	14 Aug 2024	1000	25	<2
F12	14 Aug 2024	1000	60	<2
F13	14 Aug 2024	952	1	<2
F13	14 Aug 2024	952	25	<2
F13	14 Aug 2024	952	60	<2

Station	Date	Time	Depth	Entero
F14	14 Aug 2024	924	1	<2
F14	14 Aug 2024	924	25	<2
F14	14 Aug 2024	924	60	<2
F15	15 Aug 2024	1145	1	<2
F15	15 Aug 2024	1145	25	<2
F15	15 Aug 2024	1145	60	<2
F15	15 Aug 2024	1145	80	2e
F16	15 Aug 2024	1130	1	<2
F16	15 Aug 2024	1130	25	<2
F16	15 Aug 2024	1130	60	<2
F16	15 Aug 2024	1130	80	82
F17	15 Aug 2024	1115	1	<2
F17	15 Aug 2024	1115	25	<2
F17	15 Aug 2024	1115	60	<2
F17	15 Aug 2024	1115	80	56
F18	15 Aug 2024	1059	1	<2
F18	15 Aug 2024	1059	25	<2
F18	15 Aug 2024	1059	60	<2
F18	15 Aug 2024	1059	80	36e
F19	15 Aug 2024	1043	1	<2
F19	15 Aug 2024	1043	25	<2
F19	15 Aug 2024	1043	60	<2
F19	15 Aug 2024	1043	80	34e
F20	15 Aug 2024	1027	1	2e
F20	15 Aug 2024	1027	25	<2
F20	15 Aug 2024	1027	60	460
F20	15 Aug 2024	1027	80	260e
F21	15 Aug 2024	1010	1	2e
F21	15 Aug 2024	1010	25	<2
F21	15 Aug 2024	1010	60	280e
F21	15 Aug 2024	1010	80	50
F22	15 Aug 2024	954	1	<2
F22	15 Aug 2024	954	25	<2
F22	15 Aug 2024	954	60	<2
F22	15 Aug 2024	954	80	20e
F23	15 Aug 2024	938	1	<2
F23	15 Aug 2024	938	25	<2
F23	15 Aug 2024	938	60	<2
F23	15 Aug 2024	938	80	12e
F24	15 Aug 2024	918	1	<2
F24	15 Aug 2024	918	25	<2
F24	15 Aug 2024	918	60	<2
F24	15 Aug 2024	918	80	58
F25	15 Aug 2024	845	1	<2
F25	15 Aug 2024	845	25	<2
F25	15 Aug 2024	845	60	6e
F25	15 Aug 2024	845	80	82
F26	13 Aug 2024	1228	1	<2

Station	Date	Time	Depth	Entero
F26	13 Aug 2024	1228	25	<2
F26	13 Aug 2024	1228	60	<2
F26	13 Aug 2024	1228	80	<2
F26	13 Aug 2024	1228	98	<2
F27	13 Aug 2024	1213	1	<2
F27	13 Aug 2024	1213	25	<2
F27	13 Aug 2024	1213	60	<2
F27	13 Aug 2024	1213	80	<2
F27	13 Aug 2024	1213	98	<2
F28	13 Aug 2024	1158	1	<2
F28	13 Aug 2024	1158	25	<2
F28	13 Aug 2024	1158	60	<2
F28	13 Aug 2024	1158	80	<2
F28	13 Aug 2024	1158	98	<2
F29	13 Aug 2024	1143	1	<2
F29	13 Aug 2024	1143	25	<2
F29	13 Aug 2024	1143	60	<2
F29	13 Aug 2024	1143	80	<2
F29	13 Aug 2024	1143	98	<2
F30	13 Aug 2024	1126	1	2e
F30	13 Aug 2024	1126	25	<2
F30	13 Aug 2024	1126	60	56
F30	13 Aug 2024	1126	80	94
F30	13 Aug 2024	1126	98	2e
F31	13 Aug 2024	1035	1	<2
F31	13 Aug 2024	1035	25	2e
F31	13 Aug 2024	1035	60	880
F31	13 Aug 2024	1035	80	50
F31	13 Aug 2024	1035	98	2e
F32	13 Aug 2024	1018	1	2e
F32	13 Aug 2024	1018	25	<2
F32	13 Aug 2024	1018	60	600e
F32	13 Aug 2024	1018	80	<2
F32	13 Aug 2024	1018	98	<2
F33	13 Aug 2024	1002	1	6e
F33	13 Aug 2024	1002	25	<2
F33	13 Aug 2024	1002	60	440
F33	13 Aug 2024	1002	80	10e
F33	13 Aug 2024	1002	98	60
F34	13 Aug 2024	943	1	2e
F34	13 Aug 2024	943	25	<2
F34	13 Aug 2024	943	60	12e
F34	13 Aug 2024	943	80	66
F34	13 Aug 2024	943	98	12e
F35	13 Aug 2024	910	1	<2
F35	13 Aug 2024	910	25	<2
F35	13 Aug 2024	910	60	<2
F35	13 Aug 2024	910	80	6e
F35	13 Aug 2024	910	98	36e
F36	13 Aug 2024	853	1	2e
F36	13 Aug 2024	853	25	<2

Station	Date	Time	Depth	Entero
F36	13 Aug 2024	853	60	<2
F36	13 Aug 2024	853	80	50
F36	13 Aug 2024	853	98	12e

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	13 Aug 2024	Arrive Time	1228
F26	13 Aug 2024	Depart Time	1241
F26	13 Aug 2024	Air Temp (C)	20.8
F26	13 Aug 2024	Visibility (mi)	9
F26	13 Aug 2024	Wind Speed (kts)	6
F26	13 Aug 2024	Wind Dir	W
F26	13 Aug 2024	Sea State	Regular Swell
F26	13 Aug 2024	High Tide Time	1612
F26	13 Aug 2024	Low Tide Time	2354
F26	13 Aug 2024	Comments	Large deep phyto bloom!
F15	15 Aug 2024	Arrive Time	1145
F15	15 Aug 2024	Depart Time	1205
F15	15 Aug 2024	Air Temp (C)	20.6
F15	15 Aug 2024	Visibility (mi)	10
F15	15 Aug 2024	Wind Speed (kts)	7.3
F15	15 Aug 2024	Wind Dir	W
F15	15 Aug 2024	Sea State	Regular Swell
F15	15 Aug 2024	High Tide Time	1824
F15	15 Aug 2024	Low Tide Time	124
F15	15 Aug 2024	Comments	Niskin 6 didn't fire for OA 1m sample so did 2nd cast to grab the 1m OA sample only OA 1m Btl# 2408153191 Nsk# 2*;OA 80m Btl# 2408153192 Nsk# 5;
F04	14 Aug 2024	Arrive Time	1304
F04	14 Aug 2024	Depart Time	1307
F04	14 Aug 2024	Air Temp (C)	20.4
F04	14 Aug 2024	Visibility (mi)	9
F04	14 Aug 2024	Wind Speed (kts)	7.2
F04	14 Aug 2024	Wind Dir	SW
F04	14 Aug 2024	Sea State	Calm
F04	14 Aug 2024	High Tide Time	1718
F04	14 Aug 2024	Low Tide Time	2354
F04	14 Aug 2024	Comments	Salinity minimum assoc with chl; O2; ph maximum.
F05	14 Aug 2024	Arrive Time	1254
F05	14 Aug 2024	Depart Time	1256
F05	14 Aug 2024	Air Temp (C)	20.3
F05	14 Aug 2024	Visibility (mi)	9
F05	14 Aug 2024	Wind Speed (kts)	7.6
F05	14 Aug 2024	Wind Dir	SW
F05	14 Aug 2024	Sea State	Calm
F05	14 Aug 2024	High Tide Time	1718
F05	14 Aug 2024	Low Tide Time	2354
F05	14 Aug 2024	Comments	
F27	13 Aug 2024	Arrive Time	1213
F27	13 Aug 2024	Depart Time	1221
F27	13 Aug 2024	Air Temp (C)	20.8
F27	13 Aug 2024	Visibility (mi)	9
F27	13 Aug 2024	Wind Speed (kts)	7
F27	13 Aug 2024	Wind Dir	SW
F27	13 Aug 2024	Sea State	Regular Swell
F27	13 Aug 2024	High Tide Time	1612
F27	13 Aug 2024	Low Tide Time	2354
F27	13 Aug 2024	Comments	

Station	Date	Parameter	Value
F16	15 Aug 2024	Arrive Time	1130
F16	15 Aug 2024	Depart Time	1137
F16	15 Aug 2024	Air Temp (C)	20.5
F16	15 Aug 2024	Visibility (mi)	10
F16	15 Aug 2024	Wind Speed (kts)	5.8
F16	15 Aug 2024	Wind Dir	SW
F16	15 Aug 2024	Sea State	Regular Swell
F16	15 Aug 2024	High Tide Time	1824
F16	15 Aug 2024	Low Tide Time	124
F16	15 Aug 2024	Comments	
F28	13 Aug 2024	Arrive Time	1158
F28	13 Aug 2024	Depart Time	1204
F28	13 Aug 2024	Air Temp (C)	21
F28	13 Aug 2024	Visibility (mi)	9
F28	13 Aug 2024	Wind Speed (kts)	7.5
F28	13 Aug 2024	Wind Dir	SW
F28	13 Aug 2024	Sea State	Regular Swell
F28	13 Aug 2024	High Tide Time	1612
F28	13 Aug 2024	Low Tide Time	2354
F28	13 Aug 2024	Comments	
F17	15 Aug 2024	Arrive Time	1115
F17	15 Aug 2024	Depart Time	1122
F17	15 Aug 2024	Air Temp (C)	20.7
F17	15 Aug 2024	Visibility (mi)	7
F17	15 Aug 2024	Wind Speed (kts)	5
F17	15 Aug 2024	Wind Dir	W
F17	15 Aug 2024	Sea State	Regular Swell
F17	15 Aug 2024	High Tide Time	1824
F17	15 Aug 2024	Low Tide Time	124
F17	15 Aug 2024	Comments	
F06	14 Aug 2024	Arrive Time	1237
F06	14 Aug 2024	Depart Time	1243
F06	14 Aug 2024	Air Temp (C)	20.5
F06	14 Aug 2024	Visibility (mi)	9
F06	14 Aug 2024	Wind Speed (kts)	7.9
F06	14 Aug 2024	Wind Dir	SW
F06	14 Aug 2024	Sea State	Calm
F06	14 Aug 2024	High Tide Time	1718
F06	14 Aug 2024	Low Tide Time	2354
F06	14 Aug 2024	Comments	
F01	14 Aug 2024	Arrive Time	1325
F01	14 Aug 2024	Depart Time	1348
F01	14 Aug 2024	Air Temp (C)	20.7
F01	14 Aug 2024	Visibility (mi)	9
F01	14 Aug 2024	Wind Speed (kts)	4.8
F01	14 Aug 2024	Wind Dir	SW
F01	14 Aug 2024	Sea State	Calm
F01	14 Aug 2024	High Tide Time	1718
F01	14 Aug 2024	Low Tide Time	2354
F01	14 Aug 2024	Comments	
F29	13 Aug 2024	Arrive Time	1143
F29	13 Aug 2024	Depart Time	1150
F29	13 Aug 2024	Air Temp (C)	21.4
F29	13 Aug 2024	Visibility (mi)	9
F29	13 Aug 2024	Wind Speed (kts)	6.2

Station	Date	Parameter	Value
F29	13 Aug 2024	Wind Dir	W
F29	13 Aug 2024	Sea State	Regular Swell
F29	13 Aug 2024	High Tide Time	1612
F29	13 Aug 2024	Low Tide Time	2354
F29	13 Aug 2024	Comments	
F18	15 Aug 2024	Arrive Time	1059
F18	15 Aug 2024	Depart Time	1105
F18	15 Aug 2024	Air Temp (C)	20.8
F18	15 Aug 2024	Visibility (mi)	7
F18	15 Aug 2024	Wind Speed (kts)	3.9
F18	15 Aug 2024	Wind Dir	SW
F18	15 Aug 2024	Sea State	Regular Swell
F18	15 Aug 2024	High Tide Time	1824
F18	15 Aug 2024	Low Tide Time	124
F18	15 Aug 2024	Comments	
F07	14 Aug 2024	Arrive Time	1124
F07	14 Aug 2024	Depart Time	1131
F07	14 Aug 2024	Air Temp (C)	20.8
F07	14 Aug 2024	Visibility (mi)	9
F07	14 Aug 2024	Wind Speed (kts)	6.6
F07	14 Aug 2024	Wind Dir	SW
F07	14 Aug 2024	Sea State	Calm
F07	14 Aug 2024	High Tide Time	1718
F07	14 Aug 2024	Low Tide Time	2354
F07	14 Aug 2024	Comments	
F30	13 Aug 2024	Arrive Time	1126
F30	13 Aug 2024	Depart Time	1133
F30	13 Aug 2024	Air Temp (C)	21.4
F30	13 Aug 2024	Visibility (mi)	9
F30	13 Aug 2024	Wind Speed (kts)	6
F30	13 Aug 2024	Wind Dir	SW
F30	13 Aug 2024	Sea State	Regular Swell
F30	13 Aug 2024	High Tide Time	1612
F30	13 Aug 2024	Low Tide Time	2354
F30	13 Aug 2024	Comments	
F19	15 Aug 2024	Arrive Time	1043
F19	15 Aug 2024	Depart Time	1049
F19	15 Aug 2024	Air Temp (C)	20.7
F19	15 Aug 2024	Visibility (mi)	7
F19	15 Aug 2024	Wind Speed (kts)	3.8
F19	15 Aug 2024	Wind Dir	SW
F19	15 Aug 2024	Sea State	Regular Swell
F19	15 Aug 2024	High Tide Time	1824
F19	15 Aug 2024	Low Tide Time	124
F19	15 Aug 2024	Comments	
F08	14 Aug 2024	Arrive Time	1056
F08	14 Aug 2024	Depart Time	1115
F08	14 Aug 2024	Air Temp (C)	20.8
F08	14 Aug 2024	Visibility (mi)	9
F08	14 Aug 2024	Wind Speed (kts)	3.7
F08	14 Aug 2024	Wind Dir	SW
F08	14 Aug 2024	Sea State	Calm
F08	14 Aug 2024	High Tide Time	1718
F08	14 Aug 2024	Low Tide Time	2354
F08	14 Aug 2024	Comments	deep sample taken on station revisit after F07 due to bottle order error.

Station	Date	Parameter	Value
F31	13 Aug 2024	Arrive Time	1035
F31	13 Aug 2024	Depart Time	1043
F31	13 Aug 2024	Air Temp (C)	21.5
F31	13 Aug 2024	Visibility (mi)	9
F31	13 Aug 2024	Wind Speed (kts)	3.2
F31	13 Aug 2024	Wind Dir	SW
F31	13 Aug 2024	Sea State	Regular Swell
F31	13 Aug 2024	High Tide Time	1612
F31	13 Aug 2024	Low Tide Time	2354
F31	13 Aug 2024	Comments	
F20	15 Aug 2024	Arrive Time	1027
F20	15 Aug 2024	Depart Time	1033
F20	15 Aug 2024	Air Temp (C)	20.7
F20	15 Aug 2024	Visibility (mi)	7
F20	15 Aug 2024	Wind Speed (kts)	2.2
F20	15 Aug 2024	Wind Dir	W
F20	15 Aug 2024	Sea State	Regular Swell
F20	15 Aug 2024	High Tide Time	1824
F20	15 Aug 2024	Low Tide Time	124
F20	15 Aug 2024	Comments	
F09	14 Aug 2024	Arrive Time	1044
F09	14 Aug 2024	Depart Time	1051
F09	14 Aug 2024	Air Temp (C)	21
F09	14 Aug 2024	Visibility (mi)	9
F09	14 Aug 2024	Wind Speed (kts)	5.9
F09	14 Aug 2024	Wind Dir	S
F09	14 Aug 2024	Sea State	Calm
F09	14 Aug 2024	High Tide Time	1718
F09	14 Aug 2024	Low Tide Time	2354
F09	14 Aug 2024	Comments	
F32	13 Aug 2024	Arrive Time	1018
F32	13 Aug 2024	Depart Time	1024
F32	13 Aug 2024	Air Temp (C)	21.5
F32	13 Aug 2024	Visibility (mi)	9
F32	13 Aug 2024	Wind Speed (kts)	2.1
F32	13 Aug 2024	Wind Dir	S
F32	13 Aug 2024	Sea State	Regular Swell
F32	13 Aug 2024	High Tide Time	1612
F32	13 Aug 2024	Low Tide Time	2354
F32	13 Aug 2024	Comments	
F21	15 Aug 2024	Arrive Time	1010
F21	15 Aug 2024	Depart Time	1018
F21	15 Aug 2024	Air Temp (C)	20.8
F21	15 Aug 2024	Visibility (mi)	7
F21	15 Aug 2024	Wind Speed (kts)	3.3
F21	15 Aug 2024	Wind Dir	NW
F21	15 Aug 2024	Sea State	Regular Swell
F21	15 Aug 2024	High Tide Time	1824
F21	15 Aug 2024	Low Tide Time	124
F21	15 Aug 2024	Comments	
F10	14 Aug 2024	Arrive Time	1027
F10	14 Aug 2024	Depart Time	1034
F10	14 Aug 2024	Air Temp (C)	21
F10	14 Aug 2024	Visibility (mi)	9
F10	14 Aug 2024	Wind Speed (kts)	4.7

Station	Date	Parameter	Value
F10	14 Aug 2024	Wind Dir	S
F10	14 Aug 2024	Sea State	Calm
F10	14 Aug 2024	High Tide Time	1718
F10	14 Aug 2024	Low Tide Time	2354
F10	14 Aug 2024	Comments	
F33	13 Aug 2024	Arrive Time	1002
F33	13 Aug 2024	Depart Time	1011
F33	13 Aug 2024	Air Temp (C)	21.5
F33	13 Aug 2024	Visibility (mi)	9
F33	13 Aug 2024	Wind Speed (kts)	1.9
F33	13 Aug 2024	Wind Dir	NW
F33	13 Aug 2024	Sea State	Regular Swell
F33	13 Aug 2024	High Tide Time	1612
F33	13 Aug 2024	Low Tide Time	2354
F33	13 Aug 2024	Comments	
F22	15 Aug 2024	Arrive Time	954
F22	15 Aug 2024	Depart Time	1001
F22	15 Aug 2024	Air Temp (C)	20.9
F22	15 Aug 2024	Visibility (mi)	7
F22	15 Aug 2024	Wind Speed (kts)	1.6
F22	15 Aug 2024	Wind Dir	SW
F22	15 Aug 2024	Sea State	Regular Swell
F22	15 Aug 2024	High Tide Time	1824
F22	15 Aug 2024	Low Tide Time	124
F22	15 Aug 2024	Comments	
F11	14 Aug 2024	Arrive Time	1012
F11	14 Aug 2024	Depart Time	1018
F11	14 Aug 2024	Air Temp (C)	20.9
F11	14 Aug 2024	Visibility (mi)	9
F11	14 Aug 2024	Wind Speed (kts)	6.5
F11	14 Aug 2024	Wind Dir	SW
F11	14 Aug 2024	Sea State	Calm
F11	14 Aug 2024	High Tide Time	1718
F11	14 Aug 2024	Low Tide Time	2354
F11	14 Aug 2024	Comments	
F34	13 Aug 2024	Arrive Time	943
F34	13 Aug 2024	Depart Time	953
F34	13 Aug 2024	Air Temp (C)	21.2
F34	13 Aug 2024	Visibility (mi)	9
F34	13 Aug 2024	Wind Speed (kts)	1.6
F34	13 Aug 2024	Wind Dir	NE
F34	13 Aug 2024	Sea State	Regular Swell
F34	13 Aug 2024	High Tide Time	1612
F34	13 Aug 2024	Low Tide Time	2354
F34	13 Aug 2024	Comments	
F12	14 Aug 2024	Arrive Time	1000
F12	14 Aug 2024	Depart Time	1001
F12	14 Aug 2024	Air Temp (C)	20.9
F12	14 Aug 2024	Visibility (mi)	9
F12	14 Aug 2024	Wind Speed (kts)	3
F12	14 Aug 2024	Wind Dir	SW
F12	14 Aug 2024	Sea State	Calm
F12	14 Aug 2024	High Tide Time	1718
F12	14 Aug 2024	Low Tide Time	2354
F12	14 Aug 2024	Comments	

Station	Date	Parameter	Value
F02	14 Aug 2024	Arrive Time	849
F02	14 Aug 2024	Depart Time	857
F02	14 Aug 2024	Air Temp (C)	20.7
F02	14 Aug 2024	Visibility (mi)	9
F02	14 Aug 2024	Wind Speed (kts)	6
F02	14 Aug 2024	Wind Dir	S
F02	14 Aug 2024	Sea State	Calm
F02	14 Aug 2024	High Tide Time	1718
F02	14 Aug 2024	Low Tide Time	2354
F02	14 Aug 2024	Comments	
F35	13 Aug 2024	Arrive Time	910
F35	13 Aug 2024	Depart Time	933
F35	13 Aug 2024	Air Temp (C)	21.3
F35	13 Aug 2024	Visibility (mi)	9
F35	13 Aug 2024	Wind Speed (kts)	2.3
F35	13 Aug 2024	Wind Dir	SE
F35	13 Aug 2024	Sea State	Regular Swell
F35	13 Aug 2024	High Tide Time	1612
F35	13 Aug 2024	Low Tide Time	2354
F35	13 Aug 2024	Comments	Niskin 1 was leaky; 2nd cast needed for bottom bottle for bacti 98-m sample OA 1m Btl# 2408133181 Nsk# 6;OA 50m Btl# 2408133182 Nsk# 4;OA 100m Btl# 2408133183 Nsk# 1;OA 100m-dup Btl# 2408133184 Nsk# 1
F24	15 Aug 2024	Arrive Time	918
F24	15 Aug 2024	Depart Time	928
F24	15 Aug 2024	Air Temp (C)	20.8
F24	15 Aug 2024	Visibility (mi)	7
F24	15 Aug 2024	Wind Speed (kts)	0
F24	15 Aug 2024	Wind Dir	NW
F24	15 Aug 2024	Sea State	Regular Swell
F24	15 Aug 2024	High Tide Time	1824
F24	15 Aug 2024	Low Tide Time	124
F24	15 Aug 2024	Comments	Used CTD hand line for comms since live wire compromised
F13	14 Aug 2024	Arrive Time	952
F13	14 Aug 2024	Depart Time	952
F13	14 Aug 2024	Air Temp (C)	20.8
F13	14 Aug 2024	Visibility (mi)	9
F13	14 Aug 2024	Wind Speed (kts)	10.2
F13	14 Aug 2024	Wind Dir	S
F13	14 Aug 2024	Sea State	Calm
F13	14 Aug 2024	High Tide Time	1718
F13	14 Aug 2024	Low Tide Time	2354
F13	14 Aug 2024	Comments	OA 1m Btl# 2408143189 Nsk# 5;OA 60m Btl# 2408143190 Nsk# 4;
F36	13 Aug 2024	Arrive Time	853
F36	13 Aug 2024	Depart Time	903
F36	13 Aug 2024	Air Temp (C)	21.3
F36	13 Aug 2024	Visibility (mi)	9
F36	13 Aug 2024	Wind Speed (kts)	5
F36	13 Aug 2024	Wind Dir	S
F36	13 Aug 2024	Sea State	Regular Swell
F36	13 Aug 2024	High Tide Time	1612
F36	13 Aug 2024	Low Tide Time	2354
F36	13 Aug 2024	Comments	
F25	15 Aug 2024	Arrive Time	845
F25	15 Aug 2024	Depart Time	912

Station	Date	Parameter	Value
F25	15 Aug 2024	Air Temp (C)	20.3
F25	15 Aug 2024	Visibility (mi)	7
F25	15 Aug 2024	Wind Speed (kts)	1.5
F25	15 Aug 2024	Wind Dir	SW
F25	15 Aug 2024	Sea State	Regular Swell
F25	15 Aug 2024	High Tide Time	1824
F25	15 Aug 2024	Low Tide Time	124
F25	15 Aug 2024	Comments	Lost CTD comms on upcast and live wire is compromised; trying hand line for next station
F14	14 Aug 2024	Arrive Time	924
F14	14 Aug 2024	Depart Time	930
F14	14 Aug 2024	Air Temp (C)	21.1
F14	14 Aug 2024	Visibility (mi)	9
F14	14 Aug 2024	Wind Speed (kts)	3.2
F14	14 Aug 2024	Wind Dir	S
F14	14 Aug 2024	Sea State	Calm
F14	14 Aug 2024	High Tide Time	1718
F14	14 Aug 2024	Low Tide Time	2354
F14	14 Aug 2024	Comments	
F03	14 Aug 2024	Arrive Time	904
F03	14 Aug 2024	Depart Time	911
F03	14 Aug 2024	Air Temp (C)	20.8
F03	14 Aug 2024	Visibility (mi)	9
F03	14 Aug 2024	Wind Speed (kts)	7.7
F03	14 Aug 2024	Wind Dir	SW
F03	14 Aug 2024	Sea State	Calm
F03	14 Aug 2024	High Tide Time	1718
F03	14 Aug 2024	Low Tide Time	2354
F03	14 Aug 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	13 Aug 2024	1	23.51	97.22	7.1	33.51	8.1	22.7	0.16
F26	13 Aug 2024	2	23.11	97.49	7.1	33.50	8.1	22.8	0.14
F26	13 Aug 2024	3	22.44	98.17	7.2	33.48	8.1	22.9	0.10
F26	13 Aug 2024	4	21.91	98.71	7.4	33.45	8.1	23.1	0.06
F26	13 Aug 2024	5	21.40	98.83	7.5	33.43	8.1	23.2	0.06
F26	13 Aug 2024	6	21.09	98.80	7.6	33.42	8.1	23.3	0.06
F26	13 Aug 2024	7	20.85	98.80	7.7	33.41	8.2	23.3	0.07
F26	13 Aug 2024	8	20.36	98.61	7.9	33.40	8.2	23.4	0.07
F26	13 Aug 2024	9	19.91	98.19	8.1	33.39	8.2	23.6	0.10
F26	13 Aug 2024	10	19.72	97.45	8.3	33.38	8.2	23.6	0.17
F26	13 Aug 2024	11	19.61	96.60	8.4	33.38	8.2	23.6	0.27
F26	13 Aug 2024	12	19.46	96.38	8.8	33.38	8.2	23.7	0.39
F26	13 Aug 2024	13	18.05	92.32	11.2	33.41	8.3	24.0	0.79
F26	13 Aug 2024	14	17.47	79.05	13.2	33.42	8.4	24.2	3.02
F26	13 Aug 2024	15	17.09	40.75	13.0	33.42	8.4	24.3	15.98
F26	13 Aug 2024	16	16.57	54.74	11.5	33.40	8.3	24.4	13.50
F26	13 Aug 2024	17	16.37	74.09	10.7	33.39	8.2	24.4	8.23
F26	13 Aug 2024	18	15.97	78.11	10.1	33.38	8.2	24.5	6.39
F26	13 Aug 2024	19	15.64	80.70	9.6	33.36	8.2	24.6	5.30
F26	13 Aug 2024	20	15.16	82.62	9.3	33.39	8.2	24.7	6.12
F26	13 Aug 2024	21	14.72	80.66	9.3	33.38	8.2	24.8	7.59
F26	13 Aug 2024	22	14.36	82.04	9.2	33.31	8.2	24.8	7.55
F26	13 Aug 2024	23	13.96	86.22	9.1	33.23	8.1	24.8	6.19
F26	13 Aug 2024	24	13.96	87.58	9.1	33.23	8.1	24.8	5.57
F26	13 Aug 2024	25	13.83	86.93	9.0	33.22	8.1	24.8	5.72
F26	13 Aug 2024	26	13.72	88.65	8.8	33.22	8.1	24.9	5.20
F26	13 Aug 2024	27	13.68	89.63	8.6	33.22	8.1	24.9	4.78
F26	13 Aug 2024	28	13.47	89.83	8.1	33.23	8.1	24.9	5.10
F26	13 Aug 2024	29	13.46	90.26	8.0	33.23	8.1	24.9	5.24
F26	13 Aug 2024	30	13.40	91.12	7.9	33.24	8.1	24.9	4.41
F26	13 Aug 2024	31	13.36	92.80	7.8	33.24	8.1	25.0	4.00
F26	13 Aug 2024	32	13.32	92.80	7.8	33.24	8.0	25.0	3.90
F26	13 Aug 2024	33	13.29	94.76	7.8	33.26	8.1	25.0	2.93
F26	13 Aug 2024	34	13.07	94.63	7.9	33.30	8.1	25.1	2.32
F26	13 Aug 2024	35	12.92	94.28	7.9	33.31	8.1	25.1	2.22
F26	13 Aug 2024	36	12.68	94.54	7.7	33.29	8.0	25.1	2.26
F26	13 Aug 2024	37	12.51	94.72	7.4	33.29	8.0	25.2	2.52
F26	13 Aug 2024	38	12.29	92.09	7.1	33.28	8.0	25.2	4.13
F26	13 Aug 2024	39	12.11	92.96	6.8	33.30	8.0	25.2	4.14
F26	13 Aug 2024	40	12.00	94.87	6.7	33.32	8.0	25.3	3.38
F26	13 Aug 2024	41	11.97	96.19	6.5	33.33	7.9	25.3	2.66
F26	13 Aug 2024	42	11.83	96.43	6.4	33.34	7.9	25.3	2.04
F26	13 Aug 2024	43	11.75	96.82	6.3	33.35	7.9	25.4	1.51
F26	13 Aug 2024	44	11.70	97.83	6.2	33.36	7.9	25.4	1.21
F26	13 Aug 2024	45	11.65	98.44	6.2	33.37	7.9	25.4	1.00
F26	13 Aug 2024	46	11.62	98.69	6.1	33.38	7.9	25.4	0.80
F26	13 Aug 2024	47	11.58	98.73	6.1	33.39	7.9	25.4	0.79
F26	13 Aug 2024	48	11.57	98.76	6.0	33.39	7.9	25.4	0.75
F26	13 Aug 2024	49	11.56	98.86	6.0	33.39	7.9	25.4	0.77
F26	13 Aug 2024	50	11.56	99.02	6.0	33.40	7.9	25.4	0.68
F26	13 Aug 2024	51	11.55	99.11	5.9	33.40	7.9	25.4	0.68
F26	13 Aug 2024	52	11.51	99.10	5.9	33.41	7.9	25.4	0.66
F26	13 Aug 2024	53	11.41	99.20	5.8	33.42	7.9	25.5	0.63
F26	13 Aug 2024	54	11.30	99.24	5.9	33.42	7.9	25.5	0.60
F26	13 Aug 2024	55	11.19	99.45	5.9	33.43	7.9	25.5	0.59

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F26	13 Aug 2024	56	11.15	99.46	5.9	33.43	7.9	25.5	0.53
F26	13 Aug 2024	57	11.01	99.55	5.9	33.44	7.9	25.6	0.46
F26	13 Aug 2024	58	10.99	99.73	5.8	33.44	7.9	25.6	0.44
F26	13 Aug 2024	59	10.96	99.75	5.8	33.44	7.9	25.6	0.44
F26	13 Aug 2024	60	10.87	99.74	5.8	33.46	7.9	25.6	0.40
F26	13 Aug 2024	61	10.85	99.87	5.7	33.47	7.9	25.6	0.37
F26	13 Aug 2024	62	10.82	99.79	5.7	33.48	7.8	25.6	0.35
F26	13 Aug 2024	63	10.79	99.80	5.6	33.49	7.8	25.6	0.33
F26	13 Aug 2024	64	10.78	99.84	5.6	33.49	7.8	25.6	0.31
F26	13 Aug 2024	65	10.74	99.78	5.5	33.50	7.8	25.7	0.31
F26	13 Aug 2024	66	10.72	99.55	5.4	33.52	7.8	25.7	0.30
F26	13 Aug 2024	67	10.73	99.71	5.4	33.53	7.8	25.7	0.30
F26	13 Aug 2024	68	10.73	99.79	5.4	33.53	7.8	25.7	0.29
F26	13 Aug 2024	69	10.73	99.66	5.3	33.53	7.8	25.7	0.29
F26	13 Aug 2024	70	10.73	99.78	5.3	33.54	7.8	25.7	0.29
F26	13 Aug 2024	71	10.72	99.46	5.2	33.57	7.8	25.7	0.29
F26	13 Aug 2024	72	10.73	99.57	5.0	33.59	7.8	25.7	0.28
F26	13 Aug 2024	73	10.75	99.60	4.8	33.60	7.8	25.7	0.27
F26	13 Aug 2024	74	10.75	99.42	4.8	33.61	7.8	25.7	0.27
F26	13 Aug 2024	75	10.75	99.39	4.7	33.61	7.8	25.7	0.26
F26	13 Aug 2024	76	10.75	99.43	4.7	33.61	7.8	25.7	0.27
F26	13 Aug 2024	77	10.75	99.43	4.7	33.61	7.8	25.7	0.27
F26	13 Aug 2024	78	10.75	99.43	4.7	33.62	7.8	25.7	0.27
F26	13 Aug 2024	79	10.76	99.35	4.6	33.62	7.8	25.7	0.25
F26	13 Aug 2024	80	10.76	99.32	4.6	33.62	7.8	25.7	0.25
F26	13 Aug 2024	81	10.76	99.30	4.6	33.63	7.8	25.8	0.26
F26	13 Aug 2024	82	10.76	99.29	4.5	33.63	7.8	25.8	0.24
F26	13 Aug 2024	83	10.76	99.27	4.5	33.63	7.8	25.8	0.25
F26	13 Aug 2024	84	10.76	99.26	4.5	33.64	7.8	25.8	0.27
F26	13 Aug 2024	85	10.76	99.28	4.5	33.64	7.8	25.8	0.26
F26	13 Aug 2024	86	10.76	99.27	4.5	33.64	7.8	25.8	0.23
F26	13 Aug 2024	87	10.75	99.32	4.5	33.63	7.8	25.8	0.22
F26	13 Aug 2024	88	10.74	99.35	4.5	33.63	7.8	25.8	0.22
F26	13 Aug 2024	89	10.73	99.35	4.5	33.63	7.8	25.8	0.22
F26	13 Aug 2024	90	10.73	99.41	4.5	33.63	7.8	25.8	0.23
F26	13 Aug 2024	91	10.74	99.45	4.5	33.64	7.8	25.8	0.27
F26	13 Aug 2024	92	10.76	99.40	4.3	33.65	7.7	25.8	0.27
F26	13 Aug 2024	93	10.75	98.56	4.2	33.66	7.7	25.8	0.23
F26	13 Aug 2024	94	10.74	97.87	4.2	33.66	7.7	25.8	0.22
F26	13 Aug 2024	95	10.73	97.39	4.2	33.67	7.7	25.8	0.23
F26	13 Aug 2024	96	10.72	95.71	4.1	33.67	7.7	25.8	0.25
F26	13 Aug 2024	97	10.72	93.97	4.0	33.67	7.7	25.8	0.27
F26	13 Aug 2024	98	10.72	79.93	4.0	33.67	7.7	25.8	0.28
F15	15 Aug 2024	1	23.43	96.82	7.2	33.49	8.2	22.7	0.09
F15	15 Aug 2024	2	23.11	97.61	7.2	33.49	8.2	22.8	0.08
F15	15 Aug 2024	3	22.99	97.88	7.2	33.49	8.2	22.8	0.07
F15	15 Aug 2024	4	22.96	98.32	7.2	33.48	8.2	22.8	0.06
F15	15 Aug 2024	5	22.89	98.54	7.3	33.48	8.2	22.8	0.07
F15	15 Aug 2024	6	22.84	98.73	7.3	33.48	8.2	22.8	0.06
F15	15 Aug 2024	7	22.71	98.89	7.3	33.47	8.2	22.9	0.06
F15	15 Aug 2024	8	22.47	98.80	7.3	33.46	8.2	22.9	0.06
F15	15 Aug 2024	9	21.33	98.74	7.5	33.40	8.2	23.2	0.06
F15	15 Aug 2024	10	19.55	98.45	8.1	33.36	8.2	23.6	0.06
F15	15 Aug 2024	11	18.83	98.44	8.3	33.32	8.2	23.8	0.06
F15	15 Aug 2024	12	18.08	98.44	8.4	33.30	8.2	23.9	0.06
F15	15 Aug 2024	13	17.18	98.51	8.6	33.26	8.2	24.1	0.08
F15	15 Aug 2024	14	15.98	97.92	9.0	33.24	8.2	24.4	0.12
F15	15 Aug 2024	15	15.91	97.60	9.1	33.24	8.2	24.4	0.23
F15	15 Aug 2024	16	15.77	95.99	9.4	33.24	8.2	24.4	0.79
F15	15 Aug 2024	17	15.64	93.07	9.9	33.25	8.2	24.5	1.38

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F15	15 Aug 2024	18	15.55	92.99	10.1	33.25	8.2	24.5	1.52
F15	15 Aug 2024	19	15.41	93.57	9.9	33.25	8.2	24.5	1.32
F15	15 Aug 2024	20	14.82	94.00	9.8	33.23	8.2	24.6	1.24
F15	15 Aug 2024	21	14.25	93.05	9.9	33.24	8.2	24.8	1.56
F15	15 Aug 2024	22	14.21	91.05	9.9	33.24	8.2	24.8	1.99
F15	15 Aug 2024	23	14.04	90.49	9.9	33.24	8.2	24.8	2.60
F15	15 Aug 2024	24	13.86	90.11	9.8	33.25	8.2	24.9	3.35
F15	15 Aug 2024	25	13.72	88.11	9.5	33.26	8.2	24.9	4.39
F15	15 Aug 2024	26	13.66	87.23	9.3	33.26	8.2	24.9	4.89
F15	15 Aug 2024	27	13.47	89.13	8.9	33.28	8.2	25.0	5.53
F15	15 Aug 2024	28	13.38	87.77	8.6	33.29	8.1	25.0	5.74
F15	15 Aug 2024	29	13.17	87.75	8.2	33.28	8.1	25.0	5.21
F15	15 Aug 2024	30	13.12	88.84	8.0	33.28	8.1	25.0	5.25
F15	15 Aug 2024	31	13.01	89.28	7.9	33.26	8.1	25.0	6.22
F15	15 Aug 2024	32	12.88	89.25	7.8	33.27	8.1	25.1	4.98
F15	15 Aug 2024	33	12.70	94.61	7.6	33.27	8.1	25.1	2.97
F15	15 Aug 2024	34	12.59	96.36	7.4	33.27	8.1	25.1	2.20
F15	15 Aug 2024	35	12.47	96.76	7.3	33.30	8.0	25.2	1.57
F15	15 Aug 2024	36	12.40	97.06	7.3	33.31	8.0	25.2	1.60
F15	15 Aug 2024	37	12.37	96.85	7.2	33.31	8.0	25.2	1.50
F15	15 Aug 2024	38	12.38	96.67	7.2	33.31	8.0	25.2	1.53
F15	15 Aug 2024	39	12.36	96.73	7.2	33.31	8.0	25.2	1.80
F15	15 Aug 2024	40	12.36	96.68	7.2	33.31	8.0	25.2	1.85
F15	15 Aug 2024	41	12.27	96.65	7.0	33.32	8.0	25.2	1.79
F15	15 Aug 2024	42	12.01	96.01	6.7	33.33	8.0	25.3	2.05
F15	15 Aug 2024	43	11.92	95.84	6.5	33.33	8.0	25.3	1.86
F15	15 Aug 2024	44	11.89	96.78	6.4	33.34	8.0	25.3	1.41
F15	15 Aug 2024	45	11.89	97.20	6.4	33.34	8.0	25.3	1.35
F15	15 Aug 2024	46	11.89	97.30	6.4	33.34	8.0	25.3	1.37
F15	15 Aug 2024	47	11.87	97.25	6.3	33.34	8.0	25.3	1.21
F15	15 Aug 2024	48	11.84	97.60	6.3	33.34	8.0	25.3	1.06
F15	15 Aug 2024	49	11.76	98.10	6.2	33.38	7.9	25.4	1.06
F15	15 Aug 2024	50	11.75	97.74	6.1	33.39	7.9	25.4	0.90
F15	15 Aug 2024	51	11.76	97.96	6.0	33.39	7.9	25.4	0.87
F15	15 Aug 2024	52	11.68	97.90	6.0	33.41	7.9	25.4	0.73
F15	15 Aug 2024	53	11.61	98.09	5.9	33.42	7.9	25.4	0.58
F15	15 Aug 2024	54	11.63	98.83	5.8	33.44	7.9	25.4	0.54
F15	15 Aug 2024	55	11.51	98.67	5.7	33.45	7.9	25.5	0.50
F15	15 Aug 2024	56	11.44	98.86	5.6	33.47	7.9	25.5	0.48
F15	15 Aug 2024	57	11.46	98.89	5.5	33.49	7.9	25.5	0.62
F15	15 Aug 2024	58	11.41	98.65	5.4	33.50	7.9	25.5	0.66
F15	15 Aug 2024	59	11.37	98.50	5.4	33.50	7.9	25.5	0.64
F15	15 Aug 2024	60	11.34	98.80	5.4	33.50	7.9	25.5	0.52
F15	15 Aug 2024	61	11.34	98.85	5.3	33.50	7.9	25.5	0.47
F15	15 Aug 2024	62	11.34	98.77	5.3	33.51	7.9	25.6	0.49
F15	15 Aug 2024	63	11.31	98.94	5.2	33.52	7.8	25.6	0.45
F15	15 Aug 2024	64	11.24	99.04	5.1	33.53	7.8	25.6	0.42
F15	15 Aug 2024	65	11.23	99.06	5.0	33.54	7.8	25.6	0.38
F15	15 Aug 2024	66	11.24	99.02	5.0	33.54	7.8	25.6	0.45
F15	15 Aug 2024	67	11.24	98.98	4.9	33.54	7.8	25.6	0.42
F15	15 Aug 2024	68	11.18	99.01	4.9	33.55	7.8	25.6	0.43
F15	15 Aug 2024	69	11.15	99.07	4.8	33.55	7.8	25.6	0.34
F15	15 Aug 2024	70	11.06	99.00	4.8	33.55	7.8	25.6	0.45
F15	15 Aug 2024	71	11.00	99.15	4.8	33.56	7.8	25.7	0.29
F15	15 Aug 2024	72	10.89	99.33	4.8	33.58	7.8	25.7	0.28
F15	15 Aug 2024	73	10.85	99.29	4.8	33.58	7.8	25.7	0.26
F15	15 Aug 2024	74	10.83	99.16	4.6	33.60	7.8	25.7	0.24
F15	15 Aug 2024	75	10.75	97.83	4.4	33.64	7.8	25.8	0.28
F15	15 Aug 2024	76	10.73	95.37	4.2	33.65	7.8	25.8	0.30
F15	15 Aug 2024	77	10.72	94.24	4.1	33.66	7.8	25.8	0.28
F15	15 Aug 2024	78	10.72	93.24	4.0	33.67	7.8	25.8	0.30

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F15	15 Aug 2024	79	10.72	92.66	4.0	33.67	7.8	25.8	0.28
F15	15 Aug 2024	80	10.72	92.44	4.0	33.67	7.8	25.8	0.27
F15	15 Aug 2024	81	10.73	64.10	4.0	33.67	7.8	25.8	0.29
F04	14 Aug 2024	1	23.29	96.56	7.2	33.49	8.2	22.7	0.15
F04	14 Aug 2024	2	22.73	95.54	7.4	33.47	8.2	22.9	0.15
F04	14 Aug 2024	3	22.13	96.04	7.9	33.46	8.2	23.0	0.16
F04	14 Aug 2024	4	21.44	96.23	8.7	33.44	8.2	23.2	0.24
F04	14 Aug 2024	5	20.88	94.20	9.1	33.43	8.2	23.3	0.35
F04	14 Aug 2024	6	20.53	91.06	9.6	33.43	8.2	23.4	0.47
F04	14 Aug 2024	7	20.18	89.81	10.1	33.42	8.3	23.5	0.61
F04	14 Aug 2024	8	19.93	88.29	10.6	33.42	8.3	23.6	0.85
F04	14 Aug 2024	9	19.75	86.92	11.2	33.42	8.3	23.6	1.25
F04	14 Aug 2024	10	19.37	85.90	12.0	33.41	8.3	23.7	2.16
F04	14 Aug 2024	11	19.01	83.65	12.6	33.39	8.4	23.8	3.99
F04	14 Aug 2024	12	18.44	79.95	12.7	33.39	8.4	23.9	5.82
F04	14 Aug 2024	13	17.61	76.65	12.4	33.38	8.4	24.1	7.21
F04	14 Aug 2024	14	17.11	74.61	12.9	33.38	8.4	24.2	7.73
F04	14 Aug 2024	15	16.61	72.75	12.5	33.37	8.4	24.4	10.31
F04	14 Aug 2024	16	16.18	66.74	11.5	33.35	8.3	24.4	9.84
F04	14 Aug 2024	17	15.60	70.26	10.9	33.32	8.3	24.5	8.87
F04	14 Aug 2024	18	14.96	75.36	10.6	33.23	8.3	24.6	7.30
F04	14 Aug 2024	19	14.67	81.85	10.6	33.20	8.3	24.7	5.78
F04	14 Aug 2024	20	14.47	88.78	10.3	33.20	8.3	24.7	4.61
F04	14 Aug 2024	21	14.27	90.48	9.9	33.19	8.2	24.7	3.82
F04	14 Aug 2024	22	14.42	91.34	9.6	33.29	8.2	24.8	3.48
F04	14 Aug 2024	23	14.33	89.93	9.4	33.36	8.2	24.8	3.58
F04	14 Aug 2024	24	13.95	88.50	9.2	33.35	8.2	24.9	3.43
F04	14 Aug 2024	25	13.50	88.52	8.8	33.34	8.2	25.0	3.04
F04	14 Aug 2024	26	13.35	89.27	8.5	33.34	8.1	25.0	2.95
F04	14 Aug 2024	27	13.24	90.09	8.3	33.35	8.1	25.1	2.91
F04	14 Aug 2024	28	13.06	90.98	8.1	33.37	8.1	25.1	2.73
F04	14 Aug 2024	29	12.87	91.44	7.8	33.35	8.1	25.1	3.00
F04	14 Aug 2024	30	12.73	91.37	7.7	33.34	8.1	25.2	3.42
F04	14 Aug 2024	31	12.62	91.07	7.5	33.33	8.0	25.2	3.97
F04	14 Aug 2024	32	12.50	90.93	7.4	33.31	8.0	25.2	4.99
F04	14 Aug 2024	33	12.39	89.88	7.2	33.31	8.0	25.2	4.50
F04	14 Aug 2024	34	12.34	91.33	7.1	33.31	8.0	25.2	3.37
F04	14 Aug 2024	35	12.32	94.43	7.0	33.32	8.0	25.2	2.52
F04	14 Aug 2024	36	12.30	94.67	6.9	33.33	8.0	25.2	2.39
F04	14 Aug 2024	37	12.20	93.99	6.8	33.34	8.0	25.3	2.32
F04	14 Aug 2024	38	12.12	94.41	6.7	33.35	8.0	25.3	2.04
F04	14 Aug 2024	39	11.99	94.98	6.5	33.37	8.0	25.3	1.98
F04	14 Aug 2024	40	11.94	95.46	6.4	33.37	8.0	25.3	1.66
F04	14 Aug 2024	41	11.91	96.37	6.3	33.38	8.0	25.3	1.15
F04	14 Aug 2024	42	11.87	97.49	6.3	33.38	8.0	25.4	0.98
F04	14 Aug 2024	43	11.86	97.74	6.2	33.39	8.0	25.4	0.81
F04	14 Aug 2024	44	11.85	97.76	6.2	33.40	7.9	25.4	0.79
F04	14 Aug 2024	45	11.84	97.85	6.2	33.41	7.9	25.4	0.86
F04	14 Aug 2024	46	11.81	97.67	6.0	33.43	7.9	25.4	0.92
F04	14 Aug 2024	47	11.79	97.27	6.0	33.44	7.9	25.4	1.02
F04	14 Aug 2024	48	11.74	96.74	5.9	33.45	7.9	25.4	1.24
F04	14 Aug 2024	49	11.70	96.88	5.8	33.46	7.9	25.4	1.20
F04	14 Aug 2024	50	11.68	96.70	5.6	33.47	7.9	25.5	1.27
F04	14 Aug 2024	51	11.68	95.69	5.5	33.48	7.9	25.5	1.26
F04	14 Aug 2024	52	11.67	95.69	5.5	33.48	7.9	25.5	1.27
F04	14 Aug 2024	53	11.66	95.61	5.4	33.48	7.9	25.5	1.53
F04	14 Aug 2024	54	11.64	95.36	5.4	33.48	7.9	25.5	1.22
F04	14 Aug 2024	55	11.63	95.62	5.4	33.48	7.9	25.5	1.14
F04	14 Aug 2024	56	11.60	95.79	5.3	33.49	7.9	25.5	1.19
F04	14 Aug 2024	57	11.55	95.66	5.2	33.50	7.9	25.5	1.00

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F04	14 Aug 2024	58	11.54	94.65	5.1	33.50	7.8	25.5	1.01
F04	14 Aug 2024	59	11.54	94.29	5.1	33.50	7.8	25.5	1.01
F04	14 Aug 2024	60	11.53	94.09	5.1	33.50	7.8	25.5	1.08
F04	14 Aug 2024	61	11.54	93.84	5.0	33.50	7.8	25.5	1.12
F05	14 Aug 2024	1	23.40	93.80	7.4	33.49	8.2	22.7	0.28
F05	14 Aug 2024	2	23.08	93.98	7.5	33.48	8.2	22.8	0.27
F05	14 Aug 2024	3	22.51	94.45	7.9	33.47	8.2	22.9	0.27
F05	14 Aug 2024	4	22.03	94.60	8.4	33.45	8.2	23.0	0.29
F05	14 Aug 2024	5	21.63	93.68	9.0	33.45	8.2	23.1	0.40
F05	14 Aug 2024	6	21.18	92.01	9.4	33.44	8.3	23.3	0.61
F05	14 Aug 2024	7	20.32	87.26	9.5	33.42	8.3	23.5	0.90
F05	14 Aug 2024	8	19.38	82.40	9.6	33.40	8.3	23.7	1.12
F05	14 Aug 2024	9	19.20	82.18	9.6	33.38	8.2	23.7	1.39
F05	14 Aug 2024	10	17.70	83.89	10.4	33.37	8.3	24.1	2.50
F05	14 Aug 2024	11	17.09	81.00	11.0	33.38	8.3	24.2	4.17
F05	14 Aug 2024	12	16.85	77.51	11.3	33.37	8.3	24.3	5.80
F05	14 Aug 2024	13	16.25	75.30	11.7	33.35	8.3	24.4	8.16
F05	14 Aug 2024	14	15.90	71.84	11.7	33.36	8.3	24.5	8.59
F05	14 Aug 2024	15	15.88	74.10	11.6	33.36	8.3	24.5	8.06
F05	14 Aug 2024	16	15.73	77.01	11.3	33.34	8.3	24.5	6.80
F05	14 Aug 2024	17	15.63	79.46	11.2	33.34	8.3	24.6	5.83
F05	14 Aug 2024	18	15.39	80.58	10.8	33.35	8.3	24.6	5.53
F05	14 Aug 2024	19	15.03	81.74	10.5	33.34	8.3	24.7	4.94
F05	14 Aug 2024	20	14.80	84.33	10.4	33.34	8.2	24.7	4.50
F05	14 Aug 2024	21	14.75	85.82	10.3	33.35	8.2	24.8	4.19
F05	14 Aug 2024	22	14.74	86.37	10.2	33.35	8.2	24.8	3.90
F05	14 Aug 2024	23	14.56	86.79	10.2	33.34	8.2	24.8	3.63
F05	14 Aug 2024	24	14.34	87.34	10.1	33.36	8.2	24.8	3.54
F05	14 Aug 2024	25	14.21	87.42	9.9	33.37	8.2	24.9	3.39
F05	14 Aug 2024	26	13.69	88.10	9.2	33.38	8.2	25.0	3.38
F05	14 Aug 2024	27	13.20	88.93	8.4	33.36	8.1	25.1	3.34
F05	14 Aug 2024	28	12.80	89.73	7.9	33.34	8.1	25.1	3.62
F05	14 Aug 2024	29	12.69	90.36	7.6	33.34	8.0	25.2	3.45
F05	14 Aug 2024	30	12.67	92.02	7.4	33.33	8.0	25.2	3.05
F05	14 Aug 2024	31	12.58	92.45	7.3	33.32	8.0	25.2	2.82
F05	14 Aug 2024	32	12.40	93.41	7.1	33.30	8.0	25.2	2.07
F05	14 Aug 2024	33	12.38	95.86	6.9	33.30	8.0	25.2	1.48
F05	14 Aug 2024	34	12.24	96.87	6.8	33.31	8.0	25.2	1.19
F05	14 Aug 2024	35	12.13	97.15	6.7	33.33	8.0	25.3	1.18
F05	14 Aug 2024	36	12.06	97.21	6.6	33.34	8.0	25.3	0.92
F05	14 Aug 2024	37	12.05	97.79	6.6	33.35	8.0	25.3	0.73
F05	14 Aug 2024	38	12.04	98.36	6.6	33.35	8.0	25.3	0.64
F05	14 Aug 2024	39	12.03	98.46	6.5	33.35	8.0	25.3	0.64
F05	14 Aug 2024	40	12.03	98.27	6.5	33.36	8.0	25.3	0.58
F05	14 Aug 2024	41	12.03	98.46	6.5	33.36	8.0	25.3	0.62
F05	14 Aug 2024	42	12.01	98.62	6.5	33.37	8.0	25.3	0.55
F05	14 Aug 2024	43	11.96	98.64	6.4	33.38	8.0	25.3	0.54
F05	14 Aug 2024	44	11.93	98.72	6.3	33.38	8.0	25.3	0.55
F05	14 Aug 2024	45	11.89	98.64	6.3	33.40	8.0	25.4	0.59
F05	14 Aug 2024	46	11.89	98.52	6.2	33.40	7.9	25.4	0.62
F05	14 Aug 2024	47	11.84	98.63	6.1	33.42	7.9	25.4	0.63
F05	14 Aug 2024	48	11.88	97.99	5.9	33.44	7.9	25.4	0.93
F05	14 Aug 2024	49	11.87	95.86	5.7	33.44	7.9	25.4	1.17
F05	14 Aug 2024	50	11.81	94.52	5.7	33.45	7.9	25.4	1.30
F05	14 Aug 2024	51	11.75	95.07	5.6	33.46	7.9	25.4	1.32
F05	14 Aug 2024	52	11.69	95.53	5.5	33.47	7.9	25.5	1.30
F05	14 Aug 2024	53	11.67	95.56	5.5	33.47	7.9	25.5	1.18
F05	14 Aug 2024	54	11.65	95.31	5.4	33.48	7.9	25.5	1.17
F05	14 Aug 2024	55	11.63	95.66	5.4	33.48	7.9	25.5	1.08
F05	14 Aug 2024	56	11.61	95.84	5.3	33.48	7.9	25.5	1.13

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F05	14 Aug 2024	57	11.60	95.59	5.3	33.48	7.9	25.5	1.09
F05	14 Aug 2024	58	11.60	95.42	5.3	33.49	7.9	25.5	1.11
F05	14 Aug 2024	59	11.57	95.11	5.2	33.49	7.9	25.5	1.19
F05	14 Aug 2024	60	11.57	93.58	5.1	33.49	7.8	25.5	1.16
F05	14 Aug 2024	61	11.57	91.75	5.1	33.49	7.8	25.5	1.09
F05	14 Aug 2024	62	11.58	83.07	5.1	33.49	7.8	25.5	1.00
F27	13 Aug 2024	1	22.91	97.65	7.3	33.49	8.1	22.8	0.15
F27	13 Aug 2024	2	21.32	98.57	7.6	33.44	8.1	23.2	0.06
F27	13 Aug 2024	3	20.98	98.77	7.7	33.41	8.1	23.3	0.06
F27	13 Aug 2024	4	20.64	98.70	7.8	33.40	8.1	23.4	0.06
F27	13 Aug 2024	5	20.40	98.59	7.9	33.39	8.2	23.4	0.08
F27	13 Aug 2024	6	20.11	98.35	8.0	33.38	8.2	23.5	0.11
F27	13 Aug 2024	7	19.92	98.02	8.0	33.37	8.2	23.5	0.16
F27	13 Aug 2024	8	19.07	97.69	8.7	33.35	8.2	23.7	0.28
F27	13 Aug 2024	9	18.03	94.58	10.3	33.36	8.2	24.0	0.93
F27	13 Aug 2024	10	17.02	82.81	12.0	33.39	8.3	24.3	2.37
F27	13 Aug 2024	11	16.65	75.54	12.3	33.38	8.3	24.3	5.23
F27	13 Aug 2024	12	16.60	66.30	12.2	33.39	8.3	24.4	17.17
F27	13 Aug 2024	13	16.45	42.11	11.7	33.40	8.3	24.4	26.80
F27	13 Aug 2024	14	16.05	39.69	11.2	33.41	8.3	24.5	18.89
F27	13 Aug 2024	15	15.91	63.20	10.9	33.41	8.3	24.5	11.74
F27	13 Aug 2024	16	15.91	71.89	10.7	33.42	8.2	24.6	9.21
F27	13 Aug 2024	17	15.80	74.19	10.6	33.42	8.2	24.6	7.81
F27	13 Aug 2024	18	15.73	74.93	10.3	33.42	8.2	24.6	7.05
F27	13 Aug 2024	19	15.58	76.44	10.1	33.41	8.2	24.6	6.14
F27	13 Aug 2024	20	15.54	80.14	10.0	33.42	8.2	24.6	5.19
F27	13 Aug 2024	21	15.41	82.59	9.9	33.42	8.2	24.7	4.60
F27	13 Aug 2024	22	15.25	83.59	9.8	33.41	8.2	24.7	4.09
F27	13 Aug 2024	23	15.09	84.66	9.6	33.40	8.2	24.7	3.75
F27	13 Aug 2024	24	14.89	85.46	9.5	33.40	8.2	24.8	3.65
F27	13 Aug 2024	25	14.67	85.54	9.3	33.39	8.2	24.8	3.37
F27	13 Aug 2024	26	14.36	86.28	9.2	33.38	8.1	24.9	3.56
F27	13 Aug 2024	27	14.23	87.07	9.1	33.40	8.1	24.9	3.65
F27	13 Aug 2024	28	14.13	86.47	9.1	33.40	8.1	24.9	3.62
F27	13 Aug 2024	29	14.10	86.37	9.0	33.40	8.1	24.9	3.85
F27	13 Aug 2024	30	14.01	86.82	8.9	33.39	8.1	24.9	4.01
F27	13 Aug 2024	31	13.90	87.73	8.7	33.39	8.1	25.0	3.97
F27	13 Aug 2024	32	13.76	88.01	8.5	33.40	8.1	25.0	4.20
F27	13 Aug 2024	33	13.57	87.05	8.3	33.39	8.1	25.0	4.40
F27	13 Aug 2024	34	13.49	87.75	8.1	33.37	8.1	25.0	4.45
F27	13 Aug 2024	35	13.11	88.66	7.8	33.30	8.1	25.1	4.75
F27	13 Aug 2024	36	12.71	90.53	7.6	33.27	8.0	25.1	3.12
F27	13 Aug 2024	37	12.63	95.78	7.5	33.27	8.0	25.1	1.71
F27	13 Aug 2024	38	12.59	97.19	7.4	33.26	8.0	25.1	1.20
F27	13 Aug 2024	39	12.57	97.70	7.4	33.27	8.0	25.1	1.00
F27	13 Aug 2024	40	12.55	97.84	7.4	33.28	8.0	25.1	1.03
F27	13 Aug 2024	41	12.45	97.50	7.3	33.32	8.0	25.2	1.66
F27	13 Aug 2024	42	12.34	95.58	7.3	33.33	8.0	25.2	2.76
F27	13 Aug 2024	43	12.31	93.86	7.2	33.33	8.0	25.2	3.25
F27	13 Aug 2024	44	12.28	93.29	7.2	33.33	8.0	25.2	3.59
F27	13 Aug 2024	45	12.28	93.42	7.1	33.34	8.0	25.2	3.78
F27	13 Aug 2024	46	12.29	93.27	7.1	33.34	8.0	25.2	3.76
F27	13 Aug 2024	47	12.29	93.09	7.1	33.34	8.0	25.2	4.08
F27	13 Aug 2024	48	12.25	92.96	7.0	33.34	8.0	25.2	4.00
F27	13 Aug 2024	49	11.98	92.91	6.7	33.34	8.0	25.3	3.71
F27	13 Aug 2024	50	11.77	94.11	6.4	33.37	7.9	25.4	2.68
F27	13 Aug 2024	51	11.64	96.78	6.2	33.39	7.9	25.4	1.63
F27	13 Aug 2024	52	11.55	98.03	6.0	33.40	7.9	25.4	1.05
F27	13 Aug 2024	53	11.47	98.41	5.9	33.42	7.9	25.5	0.86
F27	13 Aug 2024	54	11.44	98.61	5.8	33.43	7.9	25.5	1.04

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F27	13 Aug 2024	55	11.34	98.74	5.7	33.44	7.9	25.5	0.84
F27	13 Aug 2024	56	11.25	99.28	5.7	33.45	7.9	25.5	0.77
F27	13 Aug 2024	57	11.18	99.39	5.7	33.46	7.9	25.5	0.74
F27	13 Aug 2024	58	11.08	99.28	5.7	33.45	7.9	25.6	0.59
F27	13 Aug 2024	59	10.98	99.53	5.8	33.46	7.9	25.6	0.50
F27	13 Aug 2024	60	10.91	99.73	5.8	33.46	7.9	25.6	0.42
F27	13 Aug 2024	61	10.86	99.59	5.8	33.47	7.9	25.6	0.35
F27	13 Aug 2024	62	10.80	99.80	5.7	33.48	7.9	25.6	0.35
F27	13 Aug 2024	63	10.71	99.73	5.6	33.50	7.9	25.7	0.30
F27	13 Aug 2024	64	10.70	99.83	5.6	33.51	7.8	25.7	0.30
F27	13 Aug 2024	65	10.66	99.85	5.4	33.54	7.8	25.7	0.28
F27	13 Aug 2024	66	10.66	99.76	5.2	33.59	7.8	25.7	0.28
F27	13 Aug 2024	67	10.67	99.56	5.0	33.60	7.8	25.7	0.26
F27	13 Aug 2024	68	10.68	99.57	4.9	33.60	7.8	25.7	0.24
F27	13 Aug 2024	69	10.73	99.53	4.7	33.63	7.8	25.8	0.25
F27	13 Aug 2024	70	10.74	99.36	4.6	33.63	7.8	25.8	0.23
F27	13 Aug 2024	71	10.76	99.30	4.5	33.65	7.8	25.8	0.26
F27	13 Aug 2024	72	10.76	99.25	4.5	33.65	7.8	25.8	0.31
F27	13 Aug 2024	73	10.76	99.18	4.4	33.65	7.8	25.8	0.24
F27	13 Aug 2024	74	10.77	99.14	4.4	33.65	7.8	25.8	0.23
F27	13 Aug 2024	75	10.77	99.13	4.4	33.65	7.8	25.8	0.21
F27	13 Aug 2024	76	10.77	99.17	4.4	33.66	7.8	25.8	0.21
F27	13 Aug 2024	77	10.75	99.20	4.4	33.66	7.8	25.8	0.21
F27	13 Aug 2024	78	10.75	99.16	4.4	33.66	7.8	25.8	0.21
F27	13 Aug 2024	79	10.75	99.14	4.3	33.66	7.8	25.8	0.20
F27	13 Aug 2024	80	10.75	99.19	4.3	33.66	7.8	25.8	0.19
F27	13 Aug 2024	81	10.74	99.20	4.3	33.66	7.8	25.8	0.19
F27	13 Aug 2024	82	10.74	99.21	4.3	33.66	7.8	25.8	0.19
F27	13 Aug 2024	83	10.74	99.21	4.3	33.66	7.8	25.8	0.19
F27	13 Aug 2024	84	10.74	99.20	4.3	33.66	7.8	25.8	0.19
F27	13 Aug 2024	85	10.74	99.22	4.3	33.66	7.8	25.8	0.20
F27	13 Aug 2024	86	10.74	99.22	4.3	33.66	7.8	25.8	0.18
F27	13 Aug 2024	87	10.74	99.24	4.3	33.66	7.8	25.8	0.18
F27	13 Aug 2024	88	10.73	99.26	4.3	33.66	7.8	25.8	0.19
F27	13 Aug 2024	89	10.73	99.24	4.3	33.66	7.8	25.8	0.21
F27	13 Aug 2024	90	10.73	99.12	4.3	33.67	7.8	25.8	0.19
F27	13 Aug 2024	91	10.73	98.95	4.2	33.67	7.7	25.8	0.19
F27	13 Aug 2024	92	10.73	98.27	4.1	33.68	7.7	25.8	0.22
F27	13 Aug 2024	93	10.73	97.92	4.1	33.68	7.7	25.8	0.19
F27	13 Aug 2024	94	10.73	97.69	4.1	33.68	7.7	25.8	0.20
F27	13 Aug 2024	95	10.73	97.47	4.0	33.68	7.7	25.8	0.20
F27	13 Aug 2024	96	10.72	97.12	4.0	33.68	7.7	25.8	0.21
F27	13 Aug 2024	97	10.71	96.86	4.0	33.68	7.7	25.8	0.21
F27	13 Aug 2024	98	10.70	95.31	3.9	33.69	7.7	25.8	0.22
F27	13 Aug 2024	99	10.70	92.36	3.9	33.69	7.7	25.8	0.27
F27	13 Aug 2024	100	10.72	90.95	4.0	33.68	7.7	25.8	0.24
F16	15 Aug 2024	1	23.28	96.15	7.2	33.50	8.2	22.7	0.08
F16	15 Aug 2024	2	23.09	96.00	7.2	33.49	8.2	22.8	0.07
F16	15 Aug 2024	3	22.97	98.38	7.3	33.48	8.2	22.8	0.06
F16	15 Aug 2024	4	22.90	98.58	7.3	33.48	8.2	22.8	0.06
F16	15 Aug 2024	5	22.74	98.63	7.3	33.47	8.2	22.9	0.06
F16	15 Aug 2024	6	22.40	98.65	7.3	33.47	8.2	22.9	0.06
F16	15 Aug 2024	7	21.61	98.40	7.4	33.44	8.2	23.1	0.08
F16	15 Aug 2024	8	19.38	98.50	8.0	33.38	8.2	23.7	0.06
F16	15 Aug 2024	9	18.24	98.41	8.4	33.32	8.2	23.9	0.06
F16	15 Aug 2024	10	17.46	98.51	8.6	33.29	8.2	24.1	0.08
F16	15 Aug 2024	11	16.96	98.23	8.7	33.26	8.2	24.2	0.10
F16	15 Aug 2024	12	16.13	97.92	8.9	33.24	8.2	24.4	0.12
F16	15 Aug 2024	13	15.76	97.71	9.1	33.24	8.2	24.4	0.19
F16	15 Aug 2024	14	15.70	97.31	9.2	33.24	8.2	24.5	0.31

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F16	15 Aug 2024	15	15.70	96.40	9.2	33.25	8.2	24.5	0.50
F16	15 Aug 2024	16	15.61	95.13	9.3	33.24	8.2	24.5	0.84
F16	15 Aug 2024	17	15.57	93.92	9.4	33.26	8.2	24.5	1.29
F16	15 Aug 2024	18	15.61	93.07	9.4	33.26	8.2	24.5	1.61
F16	15 Aug 2024	19	15.49	93.20	9.4	33.27	8.2	24.5	1.53
F16	15 Aug 2024	20	15.18	93.80	9.8	33.28	8.2	24.6	1.52
F16	15 Aug 2024	21	14.96	93.45	10.1	33.28	8.2	24.7	1.49
F16	15 Aug 2024	22	14.80	92.56	10.2	33.30	8.2	24.7	1.74
F16	15 Aug 2024	23	14.39	90.00	10.2	33.30	8.2	24.8	2.34
F16	15 Aug 2024	24	14.46	88.44	10.0	33.30	8.2	24.8	2.89
F16	15 Aug 2024	25	13.91	87.88	9.6	33.29	8.2	24.9	3.90
F16	15 Aug 2024	26	13.57	88.03	9.2	33.25	8.2	24.9	5.97
F16	15 Aug 2024	27	13.49	86.75	9.0	33.24	8.2	24.9	6.88
F16	15 Aug 2024	28	13.39	85.99	8.8	33.27	8.1	25.0	8.25
F16	15 Aug 2024	29	13.25	84.85	8.5	33.30	8.1	25.0	8.69
F16	15 Aug 2024	30	13.12	84.41	8.1	33.32	8.1	25.1	9.39
F16	15 Aug 2024	31	13.08	85.44	7.9	33.34	8.1	25.1	7.89
F16	15 Aug 2024	32	13.07	87.04	7.8	33.36	8.1	25.1	9.18
F16	15 Aug 2024	33	13.00	84.78	7.8	33.38	8.1	25.1	7.89
F16	15 Aug 2024	34	12.91	86.35	7.6	33.37	8.1	25.1	5.91
F16	15 Aug 2024	35	12.71	88.31	7.5	33.35	8.1	25.2	4.47
F16	15 Aug 2024	36	12.40	90.42	7.5	33.32	8.0	25.2	3.66
F16	15 Aug 2024	37	12.35	93.43	7.4	33.31	8.0	25.2	3.14
F16	15 Aug 2024	38	12.21	95.28	7.2	33.29	8.0	25.2	2.29
F16	15 Aug 2024	39	12.24	97.01	7.1	33.29	8.0	25.2	1.94
F16	15 Aug 2024	40	11.93	97.53	6.9	33.30	8.0	25.3	1.37
F16	15 Aug 2024	41	11.87	97.89	6.8	33.31	8.0	25.3	1.13
F16	15 Aug 2024	42	11.88	98.23	6.7	33.32	8.0	25.3	1.32
F16	15 Aug 2024	43	11.91	97.92	6.6	33.35	8.0	25.3	1.85
F16	15 Aug 2024	44	11.85	96.68	6.4	33.35	8.0	25.3	1.93
F16	15 Aug 2024	45	11.80	96.69	6.3	33.35	8.0	25.3	1.75
F16	15 Aug 2024	46	11.79	97.44	6.3	33.35	7.9	25.3	1.28
F16	15 Aug 2024	47	11.65	97.81	6.2	33.37	7.9	25.4	1.00
F16	15 Aug 2024	48	11.65	98.55	6.1	33.37	7.9	25.4	0.75
F16	15 Aug 2024	49	11.62	98.59	6.1	33.38	7.9	25.4	0.77
F16	15 Aug 2024	50	11.56	98.85	6.0	33.40	7.9	25.4	0.65
F16	15 Aug 2024	51	11.54	98.98	6.0	33.40	7.9	25.4	0.48
F16	15 Aug 2024	52	11.51	98.89	5.9	33.40	7.9	25.4	0.51
F16	15 Aug 2024	53	11.47	99.15	5.9	33.41	7.9	25.5	0.40
F16	15 Aug 2024	54	11.46	99.23	5.8	33.43	7.9	25.5	0.38
F16	15 Aug 2024	55	11.40	99.28	5.8	33.43	7.9	25.5	0.39
F16	15 Aug 2024	56	11.32	99.37	5.8	33.42	7.9	25.5	0.40
F16	15 Aug 2024	57	11.27	99.26	5.9	33.41	7.9	25.5	0.46
F16	15 Aug 2024	58	11.23	99.39	5.9	33.42	7.9	25.5	0.60
F16	15 Aug 2024	59	11.25	99.43	5.9	33.42	7.9	25.5	0.41
F16	15 Aug 2024	60	11.28	98.95	5.8	33.44	7.9	25.5	0.40
F16	15 Aug 2024	61	11.17	99.23	5.7	33.46	7.9	25.5	0.31
F16	15 Aug 2024	62	11.17	99.37	5.5	33.49	7.9	25.6	0.31
F16	15 Aug 2024	63	11.06	99.48	5.5	33.48	7.9	25.6	0.32
F16	15 Aug 2024	64	10.99	99.55	5.5	33.48	7.9	25.6	0.30
F16	15 Aug 2024	65	11.09	99.68	5.3	33.51	7.9	25.6	0.32
F16	15 Aug 2024	66	11.16	99.44	5.1	33.53	7.8	25.6	0.32
F16	15 Aug 2024	67	11.17	99.30	5.0	33.55	7.8	25.6	0.34
F16	15 Aug 2024	68	11.10	99.21	4.9	33.55	7.8	25.6	0.36
F16	15 Aug 2024	69	11.06	99.43	4.9	33.56	7.8	25.6	0.27
F16	15 Aug 2024	70	10.94	99.39	4.8	33.58	7.8	25.7	0.28
F16	15 Aug 2024	71	10.91	99.16	4.8	33.58	7.8	25.7	0.24
F16	15 Aug 2024	72	10.88	98.34	4.8	33.58	7.8	25.7	0.27
F16	15 Aug 2024	73	10.84	98.64	4.7	33.59	7.8	25.7	0.23
F16	15 Aug 2024	74	10.82	98.98	4.5	33.61	7.8	25.7	0.24
F16	15 Aug 2024	75	10.79	97.47	4.3	33.63	7.8	25.7	0.24

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F16	15 Aug 2024	76	10.72	96.46	4.2	33.66	7.8	25.8	0.21
F16	15 Aug 2024	77	10.72	96.21	4.1	33.67	7.8	25.8	0.24
F16	15 Aug 2024	78	10.72	94.61	4.0	33.67	7.8	25.8	0.23
F16	15 Aug 2024	79	10.72	93.59	4.0	33.67	7.8	25.8	0.24
F16	15 Aug 2024	80	10.72	92.39	4.0	33.67	7.8	25.8	0.23
F16	15 Aug 2024	81	10.72	91.46	4.0	33.67	7.8	25.8	0.24
F16	15 Aug 2024	82	10.72	88.97	4.0	33.67	7.8	25.8	0.25
F28	13 Aug 2024	1	22.83	95.42	7.6	33.47	8.2	22.8	0.23
F28	13 Aug 2024	2	22.23	95.37	7.8	33.47	8.2	23.0	0.19
F28	13 Aug 2024	3	22.04	95.66	8.0	33.46	8.2	23.0	0.16
F28	13 Aug 2024	4	21.83	95.72	8.1	33.45	8.2	23.1	0.16
F28	13 Aug 2024	5	21.40	95.03	8.6	33.45	8.2	23.2	0.24
F28	13 Aug 2024	6	21.09	92.91	9.0	33.45	8.2	23.3	0.39
F28	13 Aug 2024	7	20.89	90.94	9.2	33.44	8.2	23.3	0.57
F28	13 Aug 2024	8	20.64	90.33	9.3	33.43	8.2	23.4	0.78
F28	13 Aug 2024	9	19.95	90.73	9.6	33.41	8.2	23.6	0.98
F28	13 Aug 2024	10	19.63	91.11	10.1	33.40	8.2	23.6	1.41
F28	13 Aug 2024	11	19.00	89.11	11.4	33.39	8.3	23.8	3.33
F28	13 Aug 2024	12	17.77	80.83	12.7	33.41	8.4	24.1	6.36
F28	13 Aug 2024	13	17.32	73.21	12.3	33.40	8.4	24.2	7.85
F28	13 Aug 2024	14	16.19	66.14	11.8	33.40	8.3	24.5	8.96
F28	13 Aug 2024	15	16.02	65.32	11.2	33.40	8.3	24.5	9.14
F28	13 Aug 2024	16	15.97	68.52	10.8	33.41	8.2	24.5	9.01
F28	13 Aug 2024	17	15.87	69.90	10.5	33.41	8.2	24.6	8.99
F28	13 Aug 2024	18	15.79	71.14	10.4	33.41	8.2	24.6	8.41
F28	13 Aug 2024	19	15.70	73.70	10.4	33.42	8.2	24.6	7.65
F28	13 Aug 2024	20	15.56	76.07	10.2	33.41	8.2	24.6	7.19
F28	13 Aug 2024	21	15.36	77.73	9.9	33.41	8.2	24.7	6.22
F28	13 Aug 2024	22	15.26	80.14	9.9	33.40	8.2	24.7	5.40
F28	13 Aug 2024	23	15.04	82.16	10.0	33.38	8.2	24.7	4.69
F28	13 Aug 2024	24	14.91	84.58	10.1	33.38	8.2	24.7	4.09
F28	13 Aug 2024	25	14.87	85.32	9.9	33.38	8.2	24.8	3.77
F28	13 Aug 2024	26	14.75	85.62	9.6	33.39	8.2	24.8	3.60
F28	13 Aug 2024	27	14.47	85.85	9.5	33.39	8.2	24.8	3.75
F28	13 Aug 2024	28	14.27	86.12	9.4	33.40	8.2	24.9	3.65
F28	13 Aug 2024	29	14.08	86.75	9.2	33.39	8.2	24.9	3.45
F28	13 Aug 2024	30	13.94	87.93	9.1	33.39	8.1	25.0	3.12
F28	13 Aug 2024	31	13.80	88.95	8.8	33.41	8.1	25.0	2.86
F28	13 Aug 2024	32	13.68	89.56	8.6	33.42	8.1	25.0	2.81
F28	13 Aug 2024	33	13.55	90.14	8.5	33.42	8.1	25.1	2.72
F28	13 Aug 2024	34	13.54	90.72	8.4	33.42	8.1	25.1	2.63
F28	13 Aug 2024	35	13.14	90.96	8.2	33.41	8.1	25.1	2.68
F28	13 Aug 2024	36	12.96	91.56	7.9	33.39	8.1	25.2	2.85
F28	13 Aug 2024	37	12.64	91.85	7.6	33.33	8.0	25.2	2.81
F28	13 Aug 2024	38	12.36	94.72	7.3	33.28	8.0	25.2	1.90
F28	13 Aug 2024	39	12.34	96.94	7.2	33.27	8.0	25.2	1.40
F28	13 Aug 2024	40	12.31	97.68	7.1	33.27	8.0	25.2	1.49
F28	13 Aug 2024	41	12.25	97.80	7.1	33.27	8.0	25.2	1.03
F28	13 Aug 2024	42	12.21	98.11	7.0	33.27	8.0	25.2	0.87
F28	13 Aug 2024	43	12.13	97.97	7.0	33.28	8.0	25.2	0.77
F28	13 Aug 2024	44	12.00	98.12	6.9	33.29	8.0	25.3	0.79
F28	13 Aug 2024	45	12.00	98.27	6.8	33.29	8.0	25.3	0.75
F28	13 Aug 2024	46	11.89	98.60	6.8	33.32	8.0	25.3	0.86
F28	13 Aug 2024	47	11.86	98.49	6.7	33.34	8.0	25.3	1.01
F28	13 Aug 2024	48	11.83	97.77	6.5	33.38	7.9	25.4	1.38
F28	13 Aug 2024	49	11.66	96.41	6.2	33.40	7.9	25.4	1.65
F28	13 Aug 2024	50	11.58	96.82	6.1	33.40	7.9	25.4	1.44
F28	13 Aug 2024	51	11.57	97.82	6.0	33.41	7.9	25.4	1.26
F28	13 Aug 2024	52	11.43	98.17	5.8	33.43	7.9	25.5	0.92
F28	13 Aug 2024	53	11.38	98.83	5.7	33.45	7.9	25.5	0.73

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F28	13 Aug 2024	54	11.20	99.14	5.7	33.46	7.9	25.5	0.64
F28	13 Aug 2024	55	10.98	99.40	5.7	33.46	7.9	25.6	0.50
F28	13 Aug 2024	56	10.96	99.69	5.8	33.46	7.9	25.6	0.44
F28	13 Aug 2024	57	10.92	99.80	5.8	33.46	7.9	25.6	0.41
F28	13 Aug 2024	58	10.88	99.71	5.8	33.47	7.9	25.6	0.39
F28	13 Aug 2024	59	10.87	99.79	5.7	33.48	7.9	25.6	0.53
F28	13 Aug 2024	60	10.84	99.90	5.7	33.48	7.9	25.6	0.41
F28	13 Aug 2024	61	10.81	99.96	5.7	33.48	7.9	25.6	0.34
F28	13 Aug 2024	62	10.80	99.85	5.7	33.49	7.9	25.6	0.32
F28	13 Aug 2024	63	10.71	99.97	5.6	33.51	7.9	25.7	0.32
F28	13 Aug 2024	64	10.68	99.95	5.5	33.52	7.8	25.7	0.31
F28	13 Aug 2024	65	10.67	99.90	5.4	33.54	7.8	25.7	0.31
F28	13 Aug 2024	66	10.66	99.79	5.1	33.60	7.8	25.7	0.28
F28	13 Aug 2024	67	10.69	99.64	4.9	33.61	7.8	25.8	0.26
F28	13 Aug 2024	68	10.69	99.46	4.8	33.62	7.8	25.8	0.24
F28	13 Aug 2024	69	10.70	99.44	4.7	33.62	7.8	25.8	0.25
F28	13 Aug 2024	70	10.71	99.28	4.7	33.63	7.8	25.8	0.27
F28	13 Aug 2024	71	10.71	99.34	4.6	33.63	7.8	25.8	0.23
F28	13 Aug 2024	72	10.73	99.27	4.6	33.64	7.8	25.8	0.23
F28	13 Aug 2024	73	10.74	99.16	4.5	33.64	7.8	25.8	0.23
F28	13 Aug 2024	74	10.76	99.02	4.4	33.66	7.8	25.8	0.24
F28	13 Aug 2024	75	10.76	99.06	4.3	33.66	7.8	25.8	0.22
F28	13 Aug 2024	76	10.75	99.05	4.3	33.66	7.8	25.8	0.21
F28	13 Aug 2024	77	10.75	98.99	4.2	33.67	7.8	25.8	0.19
F28	13 Aug 2024	78	10.75	99.08	4.2	33.67	7.8	25.8	0.21
F28	13 Aug 2024	79	10.74	99.05	4.2	33.67	7.7	25.8	0.22
F28	13 Aug 2024	80	10.73	99.09	4.2	33.67	7.7	25.8	0.20
F28	13 Aug 2024	81	10.72	98.77	4.2	33.68	7.7	25.8	0.18
F28	13 Aug 2024	82	10.72	99.03	4.1	33.68	7.7	25.8	0.17
F28	13 Aug 2024	83	10.73	98.87	4.1	33.68	7.7	25.8	0.17
F28	13 Aug 2024	84	10.72	98.72	4.0	33.68	7.7	25.8	0.16
F28	13 Aug 2024	85	10.72	98.63	4.0	33.68	7.7	25.8	0.16
F28	13 Aug 2024	86	10.72	98.50	4.0	33.68	7.7	25.8	0.15
F28	13 Aug 2024	87	10.72	98.72	4.0	33.68	7.7	25.8	0.15
F28	13 Aug 2024	88	10.72	98.70	4.0	33.68	7.7	25.8	0.16
F28	13 Aug 2024	89	10.72	98.64	4.0	33.68	7.7	25.8	0.16
F28	13 Aug 2024	90	10.71	98.48	4.0	33.69	7.7	25.8	0.17
F28	13 Aug 2024	91	10.71	98.33	4.0	33.69	7.7	25.8	0.17
F28	13 Aug 2024	92	10.70	98.17	4.0	33.69	7.7	25.8	0.17
F28	13 Aug 2024	93	10.70	98.12	4.0	33.69	7.7	25.8	0.18
F28	13 Aug 2024	94	10.69	98.16	4.0	33.69	7.7	25.8	0.18
F28	13 Aug 2024	95	10.68	98.16	4.0	33.70	7.7	25.8	0.19
F28	13 Aug 2024	96	10.68	97.73	4.0	33.70	7.7	25.8	0.20
F28	13 Aug 2024	97	10.67	97.49	3.9	33.70	7.7	25.8	0.19
F28	13 Aug 2024	98	10.67	97.60	3.9	33.71	7.7	25.8	0.18
F28	13 Aug 2024	99	10.66	97.60	3.9	33.71	7.7	25.8	0.19
F28	13 Aug 2024	100	10.66	87.41	3.9	33.71	7.7	25.8	0.19
F17	15 Aug 2024	1	23.39	97.90	7.2	33.49	8.2	22.7	0.09
F17	15 Aug 2024	2	23.14	98.06	7.2	33.50	8.2	22.8	0.09
F17	15 Aug 2024	3	23.08	98.15	7.2	33.49	8.2	22.8	0.08
F17	15 Aug 2024	4	22.93	98.35	7.2	33.49	8.2	22.8	0.07
F17	15 Aug 2024	5	22.88	98.33	7.3	33.49	8.2	22.8	0.08
F17	15 Aug 2024	6	22.59	97.97	7.2	33.47	8.2	22.9	0.09
F17	15 Aug 2024	7	20.69	97.92	7.8	33.41	8.2	23.4	0.09
F17	15 Aug 2024	8	20.45	98.32	7.8	33.38	8.2	23.4	0.08
F17	15 Aug 2024	9	18.52	98.20	8.3	33.33	8.2	23.9	0.08
F17	15 Aug 2024	10	17.61	98.29	8.6	33.30	8.2	24.1	0.08
F17	15 Aug 2024	11	17.20	98.28	8.8	33.28	8.2	24.1	0.10
F17	15 Aug 2024	12	16.94	97.83	8.8	33.28	8.2	24.2	0.13
F17	15 Aug 2024	13	16.41	97.71	8.9	33.26	8.2	24.3	0.17

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F17	15 Aug 2024	14	15.85	97.39	9.1	33.25	8.2	24.4	0.27
F17	15 Aug 2024	15	15.66	96.71	9.3	33.25	8.2	24.5	0.57
F17	15 Aug 2024	16	15.65	94.72	9.3	33.26	8.2	24.5	0.98
F17	15 Aug 2024	17	15.60	94.26	9.4	33.27	8.2	24.5	1.13
F17	15 Aug 2024	18	15.56	93.78	9.6	33.28	8.2	24.5	1.40
F17	15 Aug 2024	19	15.43	92.44	10.0	33.30	8.2	24.6	1.78
F17	15 Aug 2024	20	15.33	90.09	10.5	33.34	8.2	24.6	2.15
F17	15 Aug 2024	21	15.27	86.28	10.9	33.38	8.3	24.7	2.49
F17	15 Aug 2024	22	15.13	83.15	10.7	33.39	8.3	24.7	3.03
F17	15 Aug 2024	23	14.57	80.77	10.4	33.40	8.2	24.8	3.71
F17	15 Aug 2024	24	14.56	82.05	10.2	33.39	8.2	24.8	4.11
F17	15 Aug 2024	25	14.18	83.92	9.9	33.37	8.2	24.9	3.88
F17	15 Aug 2024	26	14.01	86.79	9.6	33.35	8.2	24.9	4.02
F17	15 Aug 2024	27	13.52	86.50	9.1	33.35	8.2	25.0	4.88
F17	15 Aug 2024	28	13.43	85.84	8.7	33.36	8.1	25.0	4.37
F17	15 Aug 2024	29	13.27	88.18	8.4	33.35	8.1	25.1	3.84
F17	15 Aug 2024	30	13.18	90.08	8.2	33.34	8.1	25.1	3.63
F17	15 Aug 2024	31	12.94	89.98	7.9	33.34	8.1	25.1	3.42
F17	15 Aug 2024	32	12.79	90.08	7.7	33.33	8.1	25.1	3.52
F17	15 Aug 2024	33	12.61	90.70	7.5	33.34	8.0	25.2	3.30
F17	15 Aug 2024	34	12.60	91.29	7.3	33.36	8.0	25.2	3.09
F17	15 Aug 2024	35	12.61	91.76	7.2	33.37	8.0	25.2	3.12
F17	15 Aug 2024	36	12.56	91.56	7.2	33.38	8.0	25.2	2.91
F17	15 Aug 2024	37	12.58	92.06	7.1	33.40	8.0	25.2	2.78
F17	15 Aug 2024	38	12.59	92.95	7.1	33.41	8.0	25.2	2.85
F17	15 Aug 2024	39	12.48	93.21	7.0	33.39	8.0	25.2	3.25
F17	15 Aug 2024	40	12.47	93.28	7.0	33.39	8.0	25.2	2.90
F17	15 Aug 2024	41	11.96	94.05	6.8	33.34	8.0	25.3	2.20
F17	15 Aug 2024	42	11.81	95.56	6.7	33.34	8.0	25.3	2.35
F17	15 Aug 2024	43	11.87	96.32	6.6	33.35	8.0	25.3	3.04
F17	15 Aug 2024	44	11.83	95.44	6.6	33.36	8.0	25.3	2.98
F17	15 Aug 2024	45	11.69	94.75	6.4	33.37	8.0	25.4	2.85
F17	15 Aug 2024	46	11.66	95.48	6.3	33.38	7.9	25.4	2.54
F17	15 Aug 2024	47	11.56	96.61	6.2	33.38	7.9	25.4	1.90
F17	15 Aug 2024	48	11.54	97.33	6.1	33.39	7.9	25.4	1.38
F17	15 Aug 2024	49	11.54	97.91	6.0	33.39	7.9	25.4	0.96
F17	15 Aug 2024	50	11.53	98.33	6.0	33.40	7.9	25.4	0.77
F17	15 Aug 2024	51	11.51	98.98	5.9	33.40	7.9	25.4	0.55
F17	15 Aug 2024	52	11.47	99.19	5.8	33.41	7.9	25.5	0.50
F17	15 Aug 2024	53	11.42	99.24	5.8	33.42	7.9	25.5	0.47
F17	15 Aug 2024	54	11.40	99.24	5.8	33.42	7.9	25.5	0.57
F17	15 Aug 2024	55	11.29	99.22	5.8	33.43	7.9	25.5	0.46
F17	15 Aug 2024	56	11.27	99.31	5.7	33.45	7.9	25.5	0.38
F17	15 Aug 2024	57	11.33	99.34	5.6	33.47	7.9	25.5	0.34
F17	15 Aug 2024	58	11.34	99.20	5.5	33.47	7.9	25.5	0.40
F17	15 Aug 2024	59	11.38	99.15	5.4	33.49	7.9	25.5	0.35
F17	15 Aug 2024	60	11.37	98.93	5.4	33.49	7.9	25.5	0.45
F17	15 Aug 2024	61	11.35	98.96	5.3	33.49	7.9	25.5	0.37
F17	15 Aug 2024	62	11.31	99.08	5.2	33.51	7.8	25.6	0.37
F17	15 Aug 2024	63	11.31	99.01	5.2	33.52	7.8	25.6	0.38
F17	15 Aug 2024	64	11.25	99.03	5.0	33.53	7.8	25.6	0.36
F17	15 Aug 2024	65	11.18	99.15	5.0	33.53	7.8	25.6	0.38
F17	15 Aug 2024	66	11.08	99.20	5.1	33.53	7.8	25.6	0.28
F17	15 Aug 2024	67	11.05	99.41	5.0	33.54	7.8	25.6	0.29
F17	15 Aug 2024	68	10.85	99.53	5.0	33.55	7.8	25.7	0.28
F17	15 Aug 2024	69	10.77	99.49	4.7	33.59	7.8	25.7	0.22
F17	15 Aug 2024	70	10.75	99.06	4.3	33.62	7.8	25.7	0.15
F17	15 Aug 2024	71	10.72	98.13	4.3	33.63	7.8	25.8	0.13
F17	15 Aug 2024	72	10.72	98.28	4.2	33.63	7.8	25.8	0.13
F17	15 Aug 2024	73	10.72	98.24	4.2	33.63	7.8	25.8	0.13
F17	15 Aug 2024	74	10.71	98.14	4.2	33.65	7.8	25.8	0.14

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F17	15 Aug 2024	75	10.71	98.26	4.2	33.65	7.8	25.8	0.15
F17	15 Aug 2024	76	10.71	98.25	4.2	33.66	7.8	25.8	0.15
F17	15 Aug 2024	77	10.71	98.21	4.1	33.66	7.8	25.8	0.17
F17	15 Aug 2024	78	10.71	97.46	4.0	33.67	7.8	25.8	0.18
F17	15 Aug 2024	79	10.71	93.41	4.0	33.67	7.7	25.8	0.21
F17	15 Aug 2024	80	10.71	90.73	3.9	33.67	7.7	25.8	0.23
F17	15 Aug 2024	81	10.71	90.11	3.9	33.67	7.7	25.8	0.25
F17	15 Aug 2024	82	10.72	89.72	3.9	33.67	7.7	25.8	0.24
F06	14 Aug 2024	1	23.23	92.13	7.7	33.49	8.2	22.7	0.37
F06	14 Aug 2024	2	23.08	92.09	7.8	33.47	8.2	22.8	0.37
F06	14 Aug 2024	3	22.45	92.01	8.2	33.46	8.2	22.9	0.40
F06	14 Aug 2024	4	21.72	91.88	8.9	33.48	8.2	23.1	0.71
F06	14 Aug 2024	5	21.31	83.51	9.3	33.47	8.2	23.2	1.49
F06	14 Aug 2024	6	20.82	75.12	9.4	33.47	8.3	23.4	2.60
F06	14 Aug 2024	7	20.43	69.26	9.2	33.47	8.3	23.5	3.83
F06	14 Aug 2024	8	19.71	67.27	9.1	33.42	8.2	23.6	5.12
F06	14 Aug 2024	9	18.31	66.43	9.5	33.42	8.2	24.0	6.30
F06	14 Aug 2024	10	18.06	71.61	9.7	33.39	8.2	24.0	6.89
F06	14 Aug 2024	11	16.66	76.47	10.4	33.36	8.3	24.3	6.69
F06	14 Aug 2024	12	16.39	77.40	10.7	33.35	8.3	24.4	6.79
F06	14 Aug 2024	13	15.99	77.46	11.1	33.35	8.3	24.5	6.76
F06	14 Aug 2024	14	15.66	77.82	11.2	33.36	8.3	24.6	6.28
F06	14 Aug 2024	15	15.48	79.07	11.1	33.34	8.3	24.6	5.81
F06	14 Aug 2024	16	15.18	79.79	11.0	33.33	8.3	24.6	5.33
F06	14 Aug 2024	17	15.03	81.49	10.9	33.33	8.3	24.7	4.91
F06	14 Aug 2024	18	14.84	83.47	10.7	33.33	8.3	24.7	4.48
F06	14 Aug 2024	19	14.55	85.32	10.3	33.33	8.2	24.8	3.86
F06	14 Aug 2024	20	14.29	87.02	9.8	33.33	8.2	24.8	3.50
F06	14 Aug 2024	21	13.88	87.42	9.5	33.34	8.2	24.9	3.52
F06	14 Aug 2024	22	13.54	87.47	9.1	33.35	8.2	25.0	3.61
F06	14 Aug 2024	23	13.34	88.02	8.7	33.34	8.1	25.0	3.62
F06	14 Aug 2024	24	13.13	88.91	8.2	33.32	8.1	25.1	3.84
F06	14 Aug 2024	25	12.92	89.03	7.8	33.30	8.1	25.1	3.75
F06	14 Aug 2024	26	12.73	90.11	7.4	33.28	8.1	25.1	3.51
F06	14 Aug 2024	27	12.46	91.44	7.1	33.27	8.0	25.2	2.76
F06	14 Aug 2024	28	12.41	94.26	6.9	33.27	8.0	25.2	2.02
F06	14 Aug 2024	29	12.39	96.05	6.9	33.27	8.0	25.2	2.11
F06	14 Aug 2024	30	12.33	94.87	6.9	33.29	8.0	25.2	1.61
F06	14 Aug 2024	31	12.32	97.01	6.9	33.31	8.0	25.2	1.19
F06	14 Aug 2024	32	12.32	97.39	6.8	33.31	8.0	25.2	1.09
F06	14 Aug 2024	33	12.34	97.08	6.8	33.32	8.0	25.2	1.07
F06	14 Aug 2024	34	12.41	96.43	6.7	33.36	8.0	25.2	1.20
F06	14 Aug 2024	35	12.39	94.78	6.6	33.39	8.0	25.3	1.30
F06	14 Aug 2024	36	12.37	93.67	6.4	33.40	8.0	25.3	1.41
F06	14 Aug 2024	37	12.34	93.05	6.4	33.40	8.0	25.3	1.38
F06	14 Aug 2024	38	12.33	93.28	6.3	33.41	8.0	25.3	1.37
F06	14 Aug 2024	39	12.30	93.20	6.2	33.41	7.9	25.3	1.37
F06	14 Aug 2024	40	12.18	93.10	6.2	33.40	7.9	25.3	1.22
F06	14 Aug 2024	41	11.99	94.38	6.3	33.39	8.0	25.3	0.92
F06	14 Aug 2024	42	11.95	96.68	6.3	33.39	8.0	25.3	0.73
F06	14 Aug 2024	43	11.97	98.19	6.1	33.42	7.9	25.4	0.79
F06	14 Aug 2024	44	11.98	96.43	5.9	33.43	7.9	25.4	1.16
F06	14 Aug 2024	45	11.92	94.32	5.9	33.43	7.9	25.4	1.28
F06	14 Aug 2024	46	11.83	95.22	6.0	33.43	7.9	25.4	1.07
F06	14 Aug 2024	47	11.82	97.74	6.0	33.44	7.9	25.4	0.99
F06	14 Aug 2024	48	11.79	97.58	5.9	33.44	7.9	25.4	1.06
F06	14 Aug 2024	49	11.78	97.14	5.8	33.45	7.9	25.4	1.16
F06	14 Aug 2024	50	11.76	96.41	5.7	33.46	7.9	25.4	1.12
F06	14 Aug 2024	51	11.73	95.46	5.5	33.47	7.9	25.4	1.21
F06	14 Aug 2024	52	11.69	94.84	5.4	33.47	7.9	25.5	1.18

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F06	14 Aug 2024	53	11.65	94.85	5.4	33.48	7.9	25.5	1.15
F06	14 Aug 2024	54	11.63	95.01	5.3	33.48	7.9	25.5	1.11
F06	14 Aug 2024	55	11.62	94.64	5.3	33.48	7.9	25.5	0.98
F06	14 Aug 2024	56	11.62	94.30	5.3	33.48	7.9	25.5	1.09
F06	14 Aug 2024	57	11.61	93.65	5.2	33.48	7.9	25.5	0.98
F06	14 Aug 2024	58	11.60	92.88	5.2	33.48	7.9	25.5	1.00
F06	14 Aug 2024	59	11.59	92.26	5.2	33.49	7.8	25.5	0.97
F06	14 Aug 2024	60	11.59	91.04	5.2	33.49	7.8	25.5	1.01
F06	14 Aug 2024	61	11.59	86.81	5.1	33.49	7.8	25.5	1.02
F01	14 Aug 2024	1	22.70	77.94	9.2	33.43	8.3	22.8	0.95
F01	14 Aug 2024	2	22.60	77.26	9.2	33.43	8.3	22.9	1.04
F01	14 Aug 2024	3	22.32	77.38	9.2	33.42	8.3	22.9	1.18
F01	14 Aug 2024	4	21.71	77.63	9.2	33.40	8.3	23.1	1.28
F01	14 Aug 2024	5	20.51	78.65	9.2	33.41	8.3	23.4	1.25
F01	14 Aug 2024	6	19.23	82.19	9.4	33.36	8.2	23.7	1.18
F01	14 Aug 2024	7	17.99	85.34	9.7	33.34	8.2	24.0	1.23
F01	14 Aug 2024	8	17.27	84.26	10.0	33.38	8.2	24.2	1.70
F01	14 Aug 2024	9	17.22	80.24	10.0	33.35	8.2	24.2	2.18
F01	14 Aug 2024	10	15.94	76.64	10.5	33.36	8.3	24.5	3.40
F01	14 Aug 2024	11	15.55	77.56	10.4	33.35	8.3	24.6	4.59
F01	14 Aug 2024	12	15.26	77.92	9.8	33.38	8.2	24.7	5.27
F01	14 Aug 2024	13	15.03	77.91	9.1	33.38	8.2	24.7	5.55
F01	14 Aug 2024	14	14.44	78.54	8.4	33.39	8.1	24.9	5.49
F01	14 Aug 2024	15	14.12	79.76	7.6	33.40	8.1	24.9	5.34
F01	14 Aug 2024	16	13.91	77.56	7.1	33.41	8.0	25.0	5.87
F01	14 Aug 2024	17	13.79	76.01	6.8	33.41	8.0	25.0	6.04
F01	14 Aug 2024	18	13.73	76.01	6.7	33.42	8.0	25.0	5.65
F01	14 Aug 2024	19	13.70	77.16	6.7	33.42	8.0	25.0	5.09
F01	14 Aug 2024	20	13.78	78.10	6.7	33.43	8.0	25.0	4.67
F29	13 Aug 2024	1	23.12	93.94	7.7	33.48	8.2	22.7	0.29
F29	13 Aug 2024	2	22.63	94.17	7.8	33.49	8.2	22.9	0.28
F29	13 Aug 2024	3	22.30	94.59	8.0	33.47	8.2	23.0	0.23
F29	13 Aug 2024	4	22.00	94.24	8.3	33.47	8.2	23.1	0.25
F29	13 Aug 2024	5	21.59	93.28	8.7	33.46	8.2	23.2	0.29
F29	13 Aug 2024	6	21.28	92.04	9.1	33.45	8.2	23.2	0.33
F29	13 Aug 2024	7	21.22	89.81	9.3	33.45	8.2	23.3	0.43
F29	13 Aug 2024	8	20.91	88.49	9.3	33.44	8.2	23.3	0.54
F29	13 Aug 2024	9	19.91	87.66	9.7	33.44	8.2	23.6	0.77
F29	13 Aug 2024	10	18.99	86.95	10.7	33.44	8.3	23.8	1.36
F29	13 Aug 2024	11	18.23	83.73	11.1	33.42	8.3	24.0	2.07
F29	13 Aug 2024	12	17.71	81.16	11.2	33.42	8.3	24.1	2.69
F29	13 Aug 2024	13	17.28	79.13	11.1	33.40	8.3	24.2	3.63
F29	13 Aug 2024	14	16.79	76.88	10.7	33.37	8.3	24.3	4.86
F29	13 Aug 2024	15	16.28	75.88	10.2	33.32	8.3	24.4	5.44
F29	13 Aug 2024	16	15.77	79.95	9.8	33.30	8.2	24.5	4.62
F29	13 Aug 2024	17	15.63	86.08	9.7	33.30	8.2	24.5	3.91
F29	13 Aug 2024	18	15.36	87.26	9.7	33.31	8.2	24.6	3.92
F29	13 Aug 2024	19	15.15	86.27	9.7	33.33	8.2	24.7	3.76
F29	13 Aug 2024	20	14.91	85.90	9.7	33.36	8.2	24.7	3.56
F29	13 Aug 2024	21	14.71	85.50	9.7	33.38	8.2	24.8	3.65
F29	13 Aug 2024	22	14.51	84.42	9.5	33.39	8.2	24.8	3.64
F29	13 Aug 2024	23	14.37	84.80	9.4	33.40	8.2	24.9	3.60
F29	13 Aug 2024	24	14.25	85.97	9.3	33.40	8.2	24.9	3.32
F29	13 Aug 2024	25	14.13	86.79	9.1	33.41	8.1	24.9	2.92
F29	13 Aug 2024	26	13.90	88.15	8.9	33.42	8.1	25.0	2.78
F29	13 Aug 2024	27	13.55	88.72	8.6	33.43	8.1	25.1	2.48
F29	13 Aug 2024	28	13.13	90.34	8.3	33.43	8.1	25.1	2.48
F29	13 Aug 2024	29	13.04	91.34	8.1	33.43	8.1	25.2	2.53
F29	13 Aug 2024	30	13.05	91.20	7.9	33.43	8.0	25.2	2.66

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F29	13 Aug 2024	31	12.94	90.99	7.7	33.42	8.0	25.2	2.80
F29	13 Aug 2024	32	12.73	91.27	7.5	33.42	8.0	25.2	2.59
F29	13 Aug 2024	33	12.50	91.67	7.2	33.42	8.0	25.3	2.98
F29	13 Aug 2024	34	12.16	91.58	6.9	33.40	8.0	25.3	4.96
F29	13 Aug 2024	35	11.74	89.62	6.6	33.36	7.9	25.4	5.43
F29	13 Aug 2024	36	11.65	94.98	6.5	33.35	7.9	25.4	3.05
F29	13 Aug 2024	37	11.62	96.76	6.5	33.34	7.9	25.4	1.85
F29	13 Aug 2024	38	11.59	96.94	6.5	33.34	7.9	25.4	1.45
F29	13 Aug 2024	39	11.62	97.91	6.4	33.36	7.9	25.4	1.14
F29	13 Aug 2024	40	11.64	98.06	6.4	33.39	7.9	25.4	1.22
F29	13 Aug 2024	41	11.63	97.55	6.3	33.40	7.9	25.4	1.48
F29	13 Aug 2024	42	11.63	97.21	6.3	33.40	7.9	25.4	1.47
F29	13 Aug 2024	43	11.62	97.16	6.2	33.41	7.9	25.4	1.46
F29	13 Aug 2024	44	11.59	97.05	6.2	33.41	7.9	25.4	1.63
F29	13 Aug 2024	45	11.55	97.22	6.1	33.41	7.9	25.4	1.42
F29	13 Aug 2024	46	11.58	97.48	6.0	33.44	7.9	25.5	1.37
F29	13 Aug 2024	47	11.60	97.21	5.9	33.45	7.9	25.5	1.57
F29	13 Aug 2024	48	11.53	97.02	5.8	33.45	7.9	25.5	1.51
F29	13 Aug 2024	49	11.38	97.71	5.7	33.47	7.9	25.5	1.23
F29	13 Aug 2024	50	11.34	98.90	5.6	33.47	7.9	25.5	0.94
F29	13 Aug 2024	51	11.27	99.29	5.5	33.48	7.9	25.5	0.74
F29	13 Aug 2024	52	11.12	99.30	5.5	33.49	7.9	25.6	0.54
F29	13 Aug 2024	53	10.96	99.39	5.6	33.48	7.9	25.6	0.47
F29	13 Aug 2024	54	10.86	99.51	5.7	33.48	7.9	25.6	0.43
F29	13 Aug 2024	55	10.81	99.65	5.7	33.49	7.9	25.6	0.37
F29	13 Aug 2024	56	10.81	99.81	5.7	33.49	7.9	25.6	0.36
F29	13 Aug 2024	57	10.79	99.90	5.7	33.49	7.9	25.6	0.37
F29	13 Aug 2024	58	10.76	99.89	5.6	33.50	7.9	25.6	0.34
F29	13 Aug 2024	59	10.69	99.94	5.6	33.52	7.9	25.7	0.31
F29	13 Aug 2024	60	10.67	99.91	5.4	33.55	7.8	25.7	0.30
F29	13 Aug 2024	61	10.65	99.85	5.3	33.55	7.8	25.7	0.29
F29	13 Aug 2024	62	10.65	99.86	5.3	33.55	7.8	25.7	0.28
F29	13 Aug 2024	63	10.66	99.83	5.2	33.57	7.8	25.7	0.28
F29	13 Aug 2024	64	10.68	99.78	5.0	33.60	7.8	25.7	0.31
F29	13 Aug 2024	65	10.71	99.61	4.8	33.62	7.8	25.8	0.30
F29	13 Aug 2024	66	10.74	99.41	4.7	33.63	7.8	25.8	0.32
F29	13 Aug 2024	67	10.74	99.38	4.6	33.63	7.8	25.8	0.29
F29	13 Aug 2024	68	10.71	99.36	4.6	33.64	7.8	25.8	0.27
F29	13 Aug 2024	69	10.70	99.31	4.6	33.65	7.8	25.8	0.25
F29	13 Aug 2024	70	10.70	99.24	4.5	33.65	7.8	25.8	0.25
F29	13 Aug 2024	71	10.71	99.14	4.5	33.65	7.8	25.8	0.25
F29	13 Aug 2024	72	10.72	99.34	4.4	33.66	7.8	25.8	0.23
F29	13 Aug 2024	73	10.72	99.21	4.4	33.66	7.8	25.8	0.23
F29	13 Aug 2024	74	10.72	99.30	4.4	33.66	7.8	25.8	0.24
F29	13 Aug 2024	75	10.71	99.31	4.4	33.66	7.8	25.8	0.23
F29	13 Aug 2024	76	10.71	99.33	4.4	33.66	7.8	25.8	0.23
F29	13 Aug 2024	77	10.70	99.29	4.3	33.67	7.8	25.8	0.25
F29	13 Aug 2024	78	10.70	99.25	4.3	33.68	7.8	25.8	0.21
F29	13 Aug 2024	79	10.70	99.21	4.2	33.68	7.8	25.8	0.18
F29	13 Aug 2024	80	10.70	99.12	4.2	33.68	7.8	25.8	0.18
F29	13 Aug 2024	81	10.70	99.16	4.2	33.68	7.7	25.8	0.23
F29	13 Aug 2024	82	10.70	99.14	4.2	33.68	7.7	25.8	0.22
F29	13 Aug 2024	83	10.70	99.10	4.2	33.68	7.7	25.8	0.23
F29	13 Aug 2024	84	10.69	99.04	4.2	33.68	7.7	25.8	0.24
F29	13 Aug 2024	85	10.69	99.07	4.2	33.69	7.7	25.8	0.19
F29	13 Aug 2024	86	10.69	99.08	4.1	33.69	7.7	25.8	0.18
F29	13 Aug 2024	87	10.68	99.17	4.1	33.69	7.7	25.8	0.18
F29	13 Aug 2024	88	10.67	99.13	4.1	33.70	7.7	25.8	0.17
F29	13 Aug 2024	89	10.66	99.05	4.0	33.71	7.7	25.8	0.17
F29	13 Aug 2024	90	10.66	99.07	4.0	33.71	7.7	25.8	0.17
F29	13 Aug 2024	91	10.66	99.17	4.0	33.71	7.7	25.8	0.18

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F29	13 Aug 2024	92	10.66	99.11	4.0	33.71	7.7	25.8	0.17
F29	13 Aug 2024	93	10.65	99.06	4.0	33.71	7.7	25.8	0.17
F29	13 Aug 2024	94	10.65	98.94	4.0	33.71	7.7	25.8	0.18
F29	13 Aug 2024	95	10.64	98.85	4.0	33.71	7.7	25.8	0.19
F29	13 Aug 2024	96	10.63	98.75	4.0	33.72	7.7	25.8	0.18
F29	13 Aug 2024	97	10.61	98.30	3.9	33.73	7.7	25.9	0.20
F29	13 Aug 2024	98	10.61	96.55	3.8	33.74	7.7	25.9	0.20
F29	13 Aug 2024	99	10.61	95.07	3.8	33.74	7.7	25.9	0.22
F29	13 Aug 2024	100	10.61	51.01	3.8	33.73	7.7	25.9	0.24
F18	15 Aug 2024	1	23.12	90.91	7.3	33.50	8.2	22.8	0.13
F18	15 Aug 2024	2	23.09	97.04	7.3	33.50	8.2	22.8	0.13
F18	15 Aug 2024	3	22.97	97.41	7.3	33.50	8.2	22.8	0.14
F18	15 Aug 2024	4	22.96	97.46	7.3	33.50	8.2	22.8	0.14
F18	15 Aug 2024	5	22.93	97.53	7.4	33.49	8.2	22.8	0.13
F18	15 Aug 2024	6	22.81	97.53	7.4	33.49	8.2	22.8	0.13
F18	15 Aug 2024	7	22.39	97.81	7.4	33.46	8.2	22.9	0.13
F18	15 Aug 2024	8	21.42	98.14	7.6	33.43	8.2	23.2	0.10
F18	15 Aug 2024	9	20.87	98.20	7.7	33.41	8.2	23.3	0.12
F18	15 Aug 2024	10	18.30	98.13	9.0	33.33	8.2	23.9	0.18
F18	15 Aug 2024	11	17.55	93.95	9.8	33.32	8.2	24.1	0.83
F18	15 Aug 2024	12	16.96	89.36	9.5	33.28	8.2	24.2	1.22
F18	15 Aug 2024	13	16.20	89.20	9.6	33.27	8.2	24.4	1.42
F18	15 Aug 2024	14	15.70	89.76	10.0	33.29	8.2	24.5	1.76
F18	15 Aug 2024	15	15.44	85.79	10.6	33.34	8.3	24.6	2.67
F18	15 Aug 2024	16	15.38	81.23	10.7	33.35	8.3	24.6	3.84
F18	15 Aug 2024	17	15.28	78.30	10.7	33.36	8.3	24.6	5.52
F18	15 Aug 2024	18	15.16	75.50	10.5	33.37	8.3	24.7	5.85
F18	15 Aug 2024	19	14.88	77.43	10.2	33.36	8.2	24.7	5.71
F18	15 Aug 2024	20	14.66	80.48	10.1	33.35	8.2	24.8	5.12
F18	15 Aug 2024	21	14.58	82.35	9.9	33.35	8.2	24.8	4.89
F18	15 Aug 2024	22	14.58	83.85	9.8	33.36	8.2	24.8	4.81
F18	15 Aug 2024	23	14.43	84.21	9.4	33.37	8.2	24.8	4.38
F18	15 Aug 2024	24	14.30	86.36	9.1	33.40	8.2	24.9	4.04
F18	15 Aug 2024	25	14.08	89.15	8.8	33.42	8.1	24.9	3.48
F18	15 Aug 2024	26	13.74	90.59	8.6	33.42	8.1	25.0	3.31
F18	15 Aug 2024	27	13.57	91.44	8.4	33.43	8.1	25.1	3.15
F18	15 Aug 2024	28	13.40	91.57	8.2	33.41	8.1	25.1	3.12
F18	15 Aug 2024	29	13.35	91.11	8.1	33.41	8.1	25.1	3.27
F18	15 Aug 2024	30	13.13	91.00	7.8	33.38	8.1	25.1	3.21
F18	15 Aug 2024	31	12.70	91.61	7.5	33.34	8.0	25.2	2.98
F18	15 Aug 2024	32	12.75	92.50	7.3	33.33	8.0	25.1	2.96
F18	15 Aug 2024	33	12.22	92.10	7.1	33.32	8.0	25.2	3.41
F18	15 Aug 2024	34	11.96	91.92	6.8	33.32	8.0	25.3	2.84
F18	15 Aug 2024	35	11.93	95.92	6.7	33.32	8.0	25.3	1.68
F18	15 Aug 2024	36	11.94	97.40	6.7	33.33	8.0	25.3	1.46
F18	15 Aug 2024	37	11.91	97.54	6.7	33.34	8.0	25.3	1.25
F18	15 Aug 2024	38	11.98	97.25	6.6	33.38	8.0	25.3	1.38
F18	15 Aug 2024	39	12.00	95.94	6.4	33.40	8.0	25.3	1.54
F18	15 Aug 2024	40	11.85	95.85	6.4	33.39	8.0	25.4	1.52
F18	15 Aug 2024	41	11.70	96.81	6.4	33.38	8.0	25.4	1.10
F18	15 Aug 2024	42	11.67	97.56	6.3	33.39	7.9	25.4	0.92
F18	15 Aug 2024	43	11.59	97.96	6.2	33.41	7.9	25.4	0.92
F18	15 Aug 2024	44	11.52	97.83	6.1	33.40	7.9	25.4	0.97
F18	15 Aug 2024	45	11.45	98.04	6.1	33.40	7.9	25.4	1.08
F18	15 Aug 2024	46	11.43	98.18	6.1	33.40	7.9	25.4	1.07
F18	15 Aug 2024	47	11.41	98.21	6.0	33.40	7.9	25.5	0.97
F18	15 Aug 2024	48	11.42	98.57	6.0	33.41	7.9	25.5	0.66
F18	15 Aug 2024	49	11.39	98.90	5.9	33.42	7.9	25.5	0.65
F18	15 Aug 2024	50	11.27	99.09	5.8	33.43	7.9	25.5	0.50
F18	15 Aug 2024	51	11.24	99.34	5.8	33.44	7.9	25.5	0.45

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F18	15 Aug 2024	52	11.23	99.33	5.8	33.44	7.9	25.5	0.46
F18	15 Aug 2024	53	11.22	99.33	5.8	33.44	7.9	25.5	0.49
F18	15 Aug 2024	54	11.20	99.32	5.8	33.44	7.9	25.5	0.53
F18	15 Aug 2024	55	11.20	99.30	5.8	33.44	7.9	25.5	0.49
F18	15 Aug 2024	56	11.20	99.14	5.7	33.45	7.9	25.5	0.55
F18	15 Aug 2024	57	11.14	99.06	5.7	33.46	7.9	25.5	0.49
F18	15 Aug 2024	58	11.05	99.21	5.7	33.46	7.9	25.6	0.46
F18	15 Aug 2024	59	11.00	99.55	5.7	33.46	7.9	25.6	0.38
F18	15 Aug 2024	60	10.92	99.62	5.7	33.47	7.9	25.6	0.43
F18	15 Aug 2024	61	10.79	99.70	5.6	33.51	7.9	25.6	0.34
F18	15 Aug 2024	62	10.77	99.80	5.5	33.51	7.9	25.7	0.30
F18	15 Aug 2024	63	10.79	99.92	5.4	33.51	7.9	25.7	0.26
F18	15 Aug 2024	64	10.68	99.84	5.3	33.55	7.8	25.7	0.24
F18	15 Aug 2024	65	10.73	99.95	5.0	33.59	7.8	25.7	0.22
F18	15 Aug 2024	66	10.77	99.04	4.5	33.60	7.8	25.7	0.17
F18	15 Aug 2024	67	10.77	98.39	4.3	33.62	7.8	25.7	0.16
F18	15 Aug 2024	68	10.75	97.98	4.2	33.62	7.8	25.7	0.16
F18	15 Aug 2024	69	10.71	97.71	4.2	33.62	7.8	25.8	0.13
F18	15 Aug 2024	70	10.70	97.55	4.2	33.63	7.8	25.8	0.13
F18	15 Aug 2024	71	10.70	97.26	4.2	33.64	7.8	25.8	0.12
F18	15 Aug 2024	72	10.70	97.74	4.3	33.66	7.8	25.8	0.15
F18	15 Aug 2024	73	10.70	98.42	4.3	33.65	7.8	25.8	0.16
F18	15 Aug 2024	74	10.69	98.41	4.2	33.66	7.8	25.8	0.15
F18	15 Aug 2024	75	10.69	98.08	4.2	33.66	7.8	25.8	0.16
F18	15 Aug 2024	76	10.69	97.89	4.2	33.67	7.8	25.8	0.15
F18	15 Aug 2024	77	10.69	97.78	4.1	33.68	7.8	25.8	0.16
F18	15 Aug 2024	78	10.69	97.80	4.1	33.68	7.8	25.8	0.17
F18	15 Aug 2024	79	10.69	97.61	4.1	33.68	7.8	25.8	0.17
F18	15 Aug 2024	80	10.70	96.69	4.0	33.68	7.8	25.8	0.20
F18	15 Aug 2024	81	10.70	91.22	3.9	33.68	7.7	25.8	0.22
F07	14 Aug 2024	1	22.94	91.79	7.9	33.48	8.2	22.8	0.45
F07	14 Aug 2024	2	22.70	91.54	7.8	33.47	8.2	22.9	0.40
F07	14 Aug 2024	3	22.02	92.51	8.1	33.43	8.2	23.0	0.32
F07	14 Aug 2024	4	21.21	93.68	8.8	33.44	8.2	23.3	0.30
F07	14 Aug 2024	5	20.65	94.69	9.4	33.43	8.2	23.4	0.45
F07	14 Aug 2024	6	19.60	92.61	9.8	33.41	8.3	23.7	0.73
F07	14 Aug 2024	7	18.93	84.37	9.9	33.40	8.3	23.8	1.13
F07	14 Aug 2024	8	18.07	79.97	10.1	33.36	8.3	24.0	1.55
F07	14 Aug 2024	9	17.16	78.50	10.4	33.40	8.3	24.2	2.17
F07	14 Aug 2024	10	16.91	78.19	10.4	33.39	8.3	24.3	3.56
F07	14 Aug 2024	11	16.69	75.94	10.7	33.38	8.3	24.3	4.94
F07	14 Aug 2024	12	16.61	75.76	10.9	33.37	8.3	24.4	5.62
F07	14 Aug 2024	13	16.41	76.92	10.8	33.36	8.3	24.4	6.07
F07	14 Aug 2024	14	15.83	77.12	10.9	33.33	8.3	24.5	6.40
F07	14 Aug 2024	15	15.16	77.06	10.8	33.34	8.3	24.7	6.15
F07	14 Aug 2024	16	14.96	81.04	10.6	33.34	8.3	24.7	5.65
F07	14 Aug 2024	17	14.94	83.21	10.4	33.35	8.2	24.7	5.57
F07	14 Aug 2024	18	14.68	84.42	10.5	33.35	8.2	24.8	5.46
F07	14 Aug 2024	19	14.61	83.68	10.5	33.36	8.2	24.8	5.39
F07	14 Aug 2024	20	14.44	83.81	10.3	33.35	8.2	24.8	5.20
F07	14 Aug 2024	21	14.00	85.56	9.7	33.35	8.2	24.9	4.26
F07	14 Aug 2024	22	13.49	87.58	9.0	33.36	8.2	25.0	3.47
F07	14 Aug 2024	23	13.15	89.39	8.4	33.35	8.1	25.1	3.29
F07	14 Aug 2024	24	12.91	90.52	7.9	33.33	8.1	25.1	3.26
F07	14 Aug 2024	25	12.74	90.67	7.6	33.31	8.1	25.1	3.62
F07	14 Aug 2024	26	12.66	90.77	7.4	33.30	8.0	25.1	3.33
F07	14 Aug 2024	27	12.54	91.07	7.2	33.28	8.0	25.2	3.15
F07	14 Aug 2024	28	12.43	91.51	7.0	33.27	8.0	25.2	2.89
F07	14 Aug 2024	29	12.38	92.66	6.9	33.28	8.0	25.2	2.96
F07	14 Aug 2024	30	12.32	93.89	6.9	33.29	8.0	25.2	2.86

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F07	14 Aug 2024	31	12.33	95.39	6.8	33.29	8.0	25.2	2.31
F07	14 Aug 2024	32	12.28	96.48	6.8	33.31	8.0	25.2	2.01
F07	14 Aug 2024	33	12.18	96.24	6.8	33.33	8.0	25.3	1.65
F07	14 Aug 2024	34	12.19	96.97	6.7	33.35	8.0	25.3	1.27
F07	14 Aug 2024	35	12.23	96.93	6.5	33.39	8.0	25.3	1.26
F07	14 Aug 2024	36	12.26	95.74	6.3	33.41	8.0	25.3	1.27
F07	14 Aug 2024	37	12.27	93.54	6.2	33.41	7.9	25.3	1.33
F07	14 Aug 2024	38	12.21	93.28	6.2	33.42	7.9	25.3	1.32
F07	14 Aug 2024	39	12.10	93.19	6.1	33.41	7.9	25.3	1.29
F07	14 Aug 2024	40	11.93	93.79	6.1	33.42	7.9	25.4	1.17
F07	14 Aug 2024	41	11.91	95.44	6.0	33.43	7.9	25.4	1.19
F07	14 Aug 2024	42	11.92	95.76	5.9	33.43	7.9	25.4	1.25
F07	14 Aug 2024	43	11.92	94.92	5.9	33.44	7.9	25.4	1.41
F07	14 Aug 2024	44	11.93	94.63	5.8	33.44	7.9	25.4	1.21
F07	14 Aug 2024	45	11.90	94.04	5.7	33.45	7.9	25.4	1.25
F07	14 Aug 2024	46	11.86	93.56	5.7	33.45	7.9	25.4	1.30
F07	14 Aug 2024	47	11.83	93.59	5.6	33.45	7.9	25.4	1.29
F07	14 Aug 2024	48	11.79	93.78	5.6	33.46	7.9	25.4	1.34
F07	14 Aug 2024	49	11.74	94.06	5.5	33.46	7.9	25.4	1.25
F07	14 Aug 2024	50	11.71	94.18	5.5	33.47	7.9	25.5	1.19
F07	14 Aug 2024	51	11.67	94.55	5.4	33.47	7.9	25.5	1.20
F07	14 Aug 2024	52	11.65	94.32	5.4	33.48	7.9	25.5	1.11
F07	14 Aug 2024	53	11.64	94.20	5.3	33.48	7.9	25.5	1.14
F07	14 Aug 2024	54	11.62	94.37	5.3	33.48	7.9	25.5	0.95
F07	14 Aug 2024	55	11.61	94.50	5.3	33.49	7.9	25.5	1.03
F07	14 Aug 2024	56	11.61	94.23	5.3	33.49	7.9	25.5	0.98
F07	14 Aug 2024	57	11.61	94.05	5.3	33.49	7.9	25.5	1.03
F07	14 Aug 2024	58	11.61	93.85	5.3	33.49	7.9	25.5	1.00
F07	14 Aug 2024	59	11.60	93.29	5.2	33.49	7.9	25.5	0.97
F07	14 Aug 2024	60	11.59	91.78	5.2	33.49	7.8	25.5	1.04
F07	14 Aug 2024	61	11.59	90.01	5.2	33.49	7.8	25.5	1.07
F07	14 Aug 2024	62	11.58	87.84	5.1	33.49	7.8	25.5	1.09
F07	14 Aug 2024	63	11.58	86.86	5.1	33.49	7.8	25.5	1.15
F07	14 Aug 2024	64	11.58	78.71	5.1	33.49	7.8	25.5	1.06
F30	13 Aug 2024	1	23.54	92.08	7.5	33.49	8.2	22.6	0.47
F30	13 Aug 2024	2	23.17	91.58	7.8	33.48	8.2	22.7	0.51
F30	13 Aug 2024	3	22.66	90.16	8.5	33.47	8.2	22.9	0.55
F30	13 Aug 2024	4	22.39	88.23	8.9	33.46	8.2	22.9	0.62
F30	13 Aug 2024	5	22.14	87.71	8.9	33.45	8.2	23.0	0.66
F30	13 Aug 2024	6	21.67	87.48	9.0	33.46	8.2	23.1	0.69
F30	13 Aug 2024	7	21.26	88.30	9.1	33.45	8.2	23.2	0.70
F30	13 Aug 2024	8	20.82	88.55	9.2	33.45	8.2	23.4	0.75
F30	13 Aug 2024	9	20.49	89.05	9.4	33.44	8.2	23.4	0.83
F30	13 Aug 2024	10	20.15	88.72	9.5	33.44	8.2	23.5	1.01
F30	13 Aug 2024	11	19.26	88.21	10.4	33.43	8.3	23.8	1.73
F30	13 Aug 2024	12	18.15	85.01	11.4	33.43	8.3	24.0	2.66
F30	13 Aug 2024	13	17.34	82.46	11.4	33.41	8.3	24.2	3.33
F30	13 Aug 2024	14	16.44	78.90	11.3	33.40	8.3	24.4	4.15
F30	13 Aug 2024	15	15.75	76.37	11.1	33.40	8.3	24.6	4.50
F30	13 Aug 2024	16	15.56	78.81	10.8	33.40	8.3	24.6	4.19
F30	13 Aug 2024	17	15.19	80.81	10.4	33.39	8.2	24.7	3.73
F30	13 Aug 2024	18	14.83	81.34	10.1	33.40	8.2	24.8	3.36
F30	13 Aug 2024	19	14.68	83.15	9.9	33.40	8.2	24.8	3.16
F30	13 Aug 2024	20	14.48	84.27	9.6	33.40	8.2	24.9	3.05
F30	13 Aug 2024	21	14.40	84.68	9.4	33.41	8.2	24.9	2.99
F30	13 Aug 2024	22	14.18	85.17	9.2	33.41	8.2	24.9	2.94
F30	13 Aug 2024	23	13.93	86.39	9.1	33.42	8.1	25.0	2.76
F30	13 Aug 2024	24	13.80	88.73	8.8	33.42	8.1	25.0	2.64
F30	13 Aug 2024	25	13.43	90.04	8.4	33.40	8.1	25.1	2.55
F30	13 Aug 2024	26	13.10	90.90	8.1	33.39	8.1	25.1	2.65

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F30	13 Aug 2024	27	12.92	91.09	7.8	33.39	8.0	25.2	2.89
F30	13 Aug 2024	28	12.64	91.55	7.6	33.36	8.0	25.2	3.37
F30	13 Aug 2024	29	12.41	91.12	7.3	33.34	8.0	25.2	3.16
F30	13 Aug 2024	30	12.11	93.01	7.1	33.33	8.0	25.3	2.34
F30	13 Aug 2024	31	12.04	95.81	6.9	33.32	8.0	25.3	1.87
F30	13 Aug 2024	32	11.83	96.91	6.8	33.31	8.0	25.3	1.34
F30	13 Aug 2024	33	11.80	97.74	6.7	33.31	8.0	25.3	1.07
F30	13 Aug 2024	34	11.71	98.00	6.6	33.33	8.0	25.3	0.94
F30	13 Aug 2024	35	11.64	98.14	6.5	33.36	7.9	25.4	0.92
F30	13 Aug 2024	36	11.64	98.33	6.4	33.38	7.9	25.4	1.06
F30	13 Aug 2024	37	11.64	98.06	6.3	33.41	7.9	25.4	1.40
F30	13 Aug 2024	38	11.53	97.24	6.2	33.41	7.9	25.4	1.52
F30	13 Aug 2024	39	11.50	97.60	6.1	33.42	7.9	25.5	1.39
F30	13 Aug 2024	40	11.52	97.93	6.0	33.44	7.9	25.5	1.45
F30	13 Aug 2024	41	11.51	97.51	5.8	33.46	7.9	25.5	1.43
F30	13 Aug 2024	42	11.41	97.69	5.7	33.46	7.9	25.5	1.09
F30	13 Aug 2024	43	11.38	98.64	5.7	33.46	7.9	25.5	0.84
F30	13 Aug 2024	44	11.38	99.00	5.7	33.46	7.9	25.5	0.68
F30	13 Aug 2024	45	11.37	99.10	5.6	33.46	7.9	25.5	0.61
F30	13 Aug 2024	46	11.27	99.05	5.6	33.47	7.9	25.5	0.55
F30	13 Aug 2024	47	11.05	99.02	5.6	33.49	7.9	25.6	0.48
F30	13 Aug 2024	48	10.90	99.01	5.6	33.49	7.9	25.6	0.39
F30	13 Aug 2024	49	10.89	99.54	5.6	33.49	7.9	25.6	0.36
F30	13 Aug 2024	50	10.85	99.52	5.7	33.49	7.9	25.6	0.39
F30	13 Aug 2024	51	10.83	99.71	5.7	33.49	7.9	25.6	0.35
F30	13 Aug 2024	52	10.81	99.55	5.6	33.50	7.9	25.6	0.35
F30	13 Aug 2024	53	10.79	99.85	5.6	33.51	7.8	25.7	0.31
F30	13 Aug 2024	54	10.81	99.64	5.4	33.52	7.8	25.7	0.29
F30	13 Aug 2024	55	10.82	99.01	5.2	33.53	7.8	25.7	0.30
F30	13 Aug 2024	56	10.83	98.42	5.1	33.54	7.8	25.7	0.32
F30	13 Aug 2024	57	10.83	98.23	5.0	33.54	7.8	25.7	0.29
F30	13 Aug 2024	58	10.82	98.15	4.9	33.55	7.8	25.7	0.29
F30	13 Aug 2024	59	10.81	97.59	4.7	33.56	7.8	25.7	0.29
F30	13 Aug 2024	60	10.80	97.29	4.6	33.56	7.8	25.7	0.25
F30	13 Aug 2024	61	10.79	97.16	4.5	33.57	7.8	25.7	0.24
F30	13 Aug 2024	62	10.79	96.62	4.5	33.57	7.8	25.7	0.23
F30	13 Aug 2024	63	10.78	96.75	4.5	33.57	7.8	25.7	0.24
F30	13 Aug 2024	64	10.78	96.72	4.4	33.57	7.8	25.7	0.24
F30	13 Aug 2024	65	10.79	96.58	4.4	33.56	7.8	25.7	0.28
F30	13 Aug 2024	66	10.80	96.65	4.5	33.56	7.8	25.7	0.24
F30	13 Aug 2024	67	10.79	96.73	4.4	33.57	7.8	25.7	0.25
F30	13 Aug 2024	68	10.79	96.55	4.4	33.57	7.8	25.7	0.24
F30	13 Aug 2024	69	10.77	96.53	4.4	33.58	7.8	25.7	0.23
F30	13 Aug 2024	70	10.76	96.68	4.4	33.58	7.8	25.7	0.32
F30	13 Aug 2024	71	10.75	96.76	4.4	33.59	7.8	25.7	0.27
F30	13 Aug 2024	72	10.75	96.76	4.4	33.59	7.8	25.7	0.24
F30	13 Aug 2024	73	10.74	97.00	4.4	33.59	7.8	25.7	0.23
F30	13 Aug 2024	74	10.73	97.21	4.4	33.61	7.8	25.7	0.21
F30	13 Aug 2024	75	10.73	97.35	4.4	33.61	7.8	25.7	0.22
F30	13 Aug 2024	76	10.73	97.48	4.4	33.62	7.8	25.7	0.21
F30	13 Aug 2024	77	10.72	97.67	4.4	33.62	7.8	25.8	0.22
F30	13 Aug 2024	78	10.72	98.01	4.4	33.63	7.8	25.8	0.22
F30	13 Aug 2024	79	10.70	98.69	4.5	33.64	7.8	25.8	0.24
F30	13 Aug 2024	80	10.67	99.33	4.5	33.64	7.8	25.8	0.24
F30	13 Aug 2024	81	10.66	99.48	4.5	33.65	7.8	25.8	0.24
F30	13 Aug 2024	82	10.66	99.45	4.5	33.65	7.8	25.8	0.23
F30	13 Aug 2024	83	10.66	99.48	4.4	33.66	7.8	25.8	0.22
F30	13 Aug 2024	84	10.67	98.84	4.3	33.67	7.8	25.8	0.21
F30	13 Aug 2024	85	10.67	99.20	4.3	33.68	7.7	25.8	0.21
F30	13 Aug 2024	86	10.67	99.08	4.2	33.68	7.7	25.8	0.19
F30	13 Aug 2024	87	10.67	99.14	4.2	33.68	7.7	25.8	0.19

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F30	13 Aug 2024	88	10.68	99.19	4.2	33.68	7.7	25.8	0.19
F30	13 Aug 2024	89	10.68	99.18	4.2	33.68	7.7	25.8	0.19
F30	13 Aug 2024	90	10.68	99.18	4.2	33.68	7.7	25.8	0.19
F30	13 Aug 2024	91	10.68	99.09	4.2	33.69	7.7	25.8	0.18
F30	13 Aug 2024	92	10.69	99.12	4.1	33.69	7.7	25.8	0.18
F30	13 Aug 2024	93	10.71	99.10	4.0	33.71	7.7	25.8	0.17
F30	13 Aug 2024	94	10.71	99.23	4.0	33.72	7.7	25.8	0.16
F30	13 Aug 2024	95	10.69	99.34	4.0	33.72	7.7	25.8	0.17
F30	13 Aug 2024	96	10.59	99.40	4.0	33.74	7.7	25.9	0.19
F30	13 Aug 2024	97	10.61	87.16	3.9	33.74	7.7	25.9	0.19
F19	15 Aug 2024	1	23.16	96.24	7.3	33.50	8.2	22.8	0.17
F19	15 Aug 2024	2	23.09	86.15	7.3	33.50	8.2	22.8	0.18
F19	15 Aug 2024	3	23.01	92.77	7.3	33.50	8.2	22.8	0.18
F19	15 Aug 2024	4	23.03	97.14	7.3	33.50	8.2	22.8	0.17
F19	15 Aug 2024	5	22.98	97.37	7.3	33.50	8.2	22.8	0.16
F19	15 Aug 2024	6	22.88	97.51	7.3	33.49	8.2	22.8	0.15
F19	15 Aug 2024	7	22.02	97.73	7.5	33.45	8.2	23.0	0.16
F19	15 Aug 2024	8	20.71	97.88	8.0	33.39	8.2	23.3	0.15
F19	15 Aug 2024	9	18.88	97.37	9.9	33.37	8.2	23.8	0.41
F19	15 Aug 2024	10	18.57	92.69	10.9	33.37	8.3	23.9	1.28
F19	15 Aug 2024	11	18.10	85.11	11.6	33.38	8.3	24.0	1.88
F19	15 Aug 2024	12	17.30	79.91	11.9	33.38	8.4	24.2	2.80
F19	15 Aug 2024	13	16.46	73.47	11.4	33.38	8.3	24.4	4.67
F19	15 Aug 2024	14	16.15	71.76	11.0	33.37	8.3	24.5	5.24
F19	15 Aug 2024	15	15.43	75.16	10.5	33.35	8.3	24.6	4.65
F19	15 Aug 2024	16	15.23	81.69	10.0	33.38	8.2	24.7	4.03
F19	15 Aug 2024	17	15.17	81.84	9.8	33.38	8.2	24.7	3.82
F19	15 Aug 2024	18	14.58	86.92	9.5	33.39	8.2	24.8	3.61
F19	15 Aug 2024	19	14.42	88.73	9.3	33.38	8.2	24.8	3.05
F19	15 Aug 2024	20	14.18	89.15	9.2	33.37	8.2	24.9	2.98
F19	15 Aug 2024	21	14.07	90.10	9.1	33.40	8.2	24.9	3.30
F19	15 Aug 2024	22	14.08	89.97	9.0	33.41	8.2	24.9	3.07
F19	15 Aug 2024	23	14.05	90.15	9.0	33.42	8.2	25.0	2.95
F19	15 Aug 2024	24	13.97	90.44	8.8	33.41	8.1	25.0	2.93
F19	15 Aug 2024	25	13.70	90.36	8.7	33.41	8.1	25.0	3.05
F19	15 Aug 2024	26	13.54	90.54	8.5	33.42	8.1	25.1	3.55
F19	15 Aug 2024	27	13.47	90.33	8.4	33.42	8.1	25.1	3.64
F19	15 Aug 2024	28	13.21	90.96	8.2	33.43	8.1	25.1	3.15
F19	15 Aug 2024	29	13.08	92.23	7.9	33.44	8.1	25.2	2.72
F19	15 Aug 2024	30	12.96	92.61	7.7	33.44	8.1	25.2	2.56
F19	15 Aug 2024	31	12.82	93.17	7.5	33.43	8.0	25.2	2.23
F19	15 Aug 2024	32	12.74	93.72	7.4	33.43	8.0	25.2	2.11
F19	15 Aug 2024	33	12.63	93.98	7.2	33.42	8.0	25.2	2.03
F19	15 Aug 2024	34	12.46	93.88	7.0	33.41	8.0	25.3	2.14
F19	15 Aug 2024	35	12.20	93.85	6.8	33.39	8.0	25.3	2.12
F19	15 Aug 2024	36	12.24	94.00	6.7	33.39	8.0	25.3	2.13
F19	15 Aug 2024	37	11.82	94.60	6.5	33.35	8.0	25.3	2.39
F19	15 Aug 2024	38	11.68	94.95	6.4	33.36	8.0	25.4	1.89
F19	15 Aug 2024	39	11.62	96.92	6.2	33.40	7.9	25.4	1.36
F19	15 Aug 2024	40	11.63	97.40	6.1	33.41	7.9	25.4	1.11
F19	15 Aug 2024	41	11.54	97.23	6.1	33.40	7.9	25.4	1.00
F19	15 Aug 2024	42	11.46	97.89	6.1	33.40	7.9	25.4	0.90
F19	15 Aug 2024	43	11.44	97.89	6.0	33.40	7.9	25.4	0.90
F19	15 Aug 2024	44	11.46	98.16	5.9	33.43	7.9	25.5	0.92
F19	15 Aug 2024	45	11.49	98.05	5.8	33.45	7.9	25.5	0.88
F19	15 Aug 2024	46	11.48	97.74	5.7	33.45	7.9	25.5	0.99
F19	15 Aug 2024	47	11.46	98.06	5.7	33.45	7.9	25.5	0.90
F19	15 Aug 2024	48	11.44	98.10	5.7	33.45	7.9	25.5	0.86
F19	15 Aug 2024	49	11.43	97.87	5.6	33.46	7.9	25.5	0.84
F19	15 Aug 2024	50	11.43	97.80	5.6	33.46	7.9	25.5	0.89

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F19	15 Aug 2024	51	11.42	97.90	5.5	33.47	7.9	25.5	0.88
F19	15 Aug 2024	52	11.39	97.91	5.4	33.49	7.9	25.5	0.81
F19	15 Aug 2024	53	11.34	97.73	5.3	33.49	7.9	25.5	0.87
F19	15 Aug 2024	54	11.32	98.05	5.4	33.48	7.9	25.5	0.82
F19	15 Aug 2024	55	11.19	98.30	5.4	33.47	7.9	25.6	0.82
F19	15 Aug 2024	56	11.17	98.77	5.5	33.47	7.9	25.6	0.67
F19	15 Aug 2024	57	11.16	98.89	5.5	33.47	7.9	25.6	0.64
F19	15 Aug 2024	58	11.15	99.05	5.6	33.47	7.9	25.6	0.60
F19	15 Aug 2024	59	11.10	99.17	5.6	33.47	7.9	25.6	0.54
F19	15 Aug 2024	60	11.02	99.20	5.6	33.48	7.9	25.6	0.47
F19	15 Aug 2024	61	10.85	99.41	5.5	33.49	7.9	25.6	0.35
F19	15 Aug 2024	62	10.78	99.66	5.4	33.52	7.9	25.7	0.30
F19	15 Aug 2024	63	10.83	99.78	5.1	33.57	7.8	25.7	0.24
F19	15 Aug 2024	64	10.82	99.20	4.7	33.57	7.8	25.7	0.21
F19	15 Aug 2024	65	10.79	98.15	4.5	33.58	7.8	25.7	0.16
F19	15 Aug 2024	66	10.76	96.99	4.3	33.59	7.8	25.7	0.15
F19	15 Aug 2024	67	10.77	97.03	4.3	33.59	7.8	25.7	0.14
F19	15 Aug 2024	68	10.75	97.26	4.2	33.59	7.8	25.7	0.13
F19	15 Aug 2024	69	10.71	97.28	4.2	33.60	7.8	25.7	0.12
F19	15 Aug 2024	70	10.70	96.26	4.1	33.61	7.8	25.7	0.12
F19	15 Aug 2024	71	10.71	96.09	4.1	33.61	7.8	25.7	0.12
F19	15 Aug 2024	72	10.72	96.52	4.2	33.62	7.8	25.8	0.13
F19	15 Aug 2024	73	10.71	98.28	4.4	33.63	7.8	25.8	0.17
F19	15 Aug 2024	74	10.71	97.98	4.4	33.64	7.8	25.8	0.18
F19	15 Aug 2024	75	10.71	99.35	4.4	33.65	7.8	25.8	0.18
F19	15 Aug 2024	76	10.71	99.53	4.4	33.65	7.8	25.8	0.19
F19	15 Aug 2024	77	10.71	99.49	4.4	33.65	7.8	25.8	0.19
F19	15 Aug 2024	78	10.69	99.35	4.3	33.66	7.8	25.8	0.17
F19	15 Aug 2024	79	10.69	99.09	4.3	33.67	7.8	25.8	0.17
F19	15 Aug 2024	80	10.68	99.03	4.2	33.68	7.8	25.8	0.17
F19	15 Aug 2024	81	10.68	96.65	4.1	33.68	7.8	25.8	0.18
F19	15 Aug 2024	82	10.67	93.88	4.0	33.68	7.8	25.8	0.18
F19	15 Aug 2024	83	10.67	93.06	4.0	33.68	7.7	25.8	0.19
F08	14 Aug 2024	1	22.88	88.76	8.3	33.48	8.2	22.8	0.56
F08	14 Aug 2024	2	22.79	88.43	8.4	33.47	8.2	22.8	0.56
F08	14 Aug 2024	3	22.19	88.19	8.5	33.45	8.2	23.0	0.50
F08	14 Aug 2024	4	21.01	90.45	9.2	33.42	8.2	23.3	0.47
F08	14 Aug 2024	5	19.80	92.00	10.5	33.43	8.3	23.6	0.65
F08	14 Aug 2024	6	19.36	88.55	10.9	33.41	8.3	23.7	1.17
F08	14 Aug 2024	7	18.71	85.30	10.6	33.40	8.3	23.9	1.98
F08	14 Aug 2024	8	17.52	82.12	10.4	33.39	8.3	24.2	2.60
F08	14 Aug 2024	9	16.87	78.03	10.6	33.38	8.2	24.3	3.29
F08	14 Aug 2024	10	16.41	76.77	10.7	33.38	8.3	24.4	3.75
F08	14 Aug 2024	11	16.31	78.83	10.4	33.39	8.2	24.4	4.24
F08	14 Aug 2024	12	16.21	78.38	10.3	33.39	8.2	24.5	5.69
F08	14 Aug 2024	13	16.02	76.14	10.4	33.39	8.2	24.5	6.33
F08	14 Aug 2024	14	15.94	73.75	10.4	33.39	8.2	24.5	6.85
F08	14 Aug 2024	15	15.85	73.39	10.0	33.40	8.2	24.6	6.94
F08	14 Aug 2024	16	15.40	73.47	9.8	33.37	8.2	24.6	6.34
F08	14 Aug 2024	17	14.22	75.30	9.7	33.34	8.2	24.9	5.63
F08	14 Aug 2024	18	13.73	79.96	9.2	33.33	8.2	25.0	5.19
F08	14 Aug 2024	19	13.69	83.86	8.5	33.38	8.1	25.0	4.85
F08	14 Aug 2024	20	13.75	84.53	7.9	33.40	8.1	25.0	4.71
F08	14 Aug 2024	21	13.59	83.58	7.7	33.39	8.0	25.0	4.22
F08	14 Aug 2024	22	13.16	83.62	7.7	33.33	8.1	25.1	4.04
F08	14 Aug 2024	23	12.73	85.05	7.6	33.29	8.0	25.1	3.52
F08	14 Aug 2024	24	12.51	88.69	7.2	33.29	8.0	25.2	2.70
F08	14 Aug 2024	25	12.37	91.91	7.0	33.27	8.0	25.2	2.68
F08	14 Aug 2024	26	12.29	93.99	6.8	33.28	8.0	25.2	5.62
F08	14 Aug 2024	27	12.26	89.23	6.8	33.28	8.0	25.2	5.18

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F08	14 Aug 2024	28	12.24	90.10	6.8	33.29	8.0	25.2	3.32
F08	14 Aug 2024	29	12.21	94.39	6.8	33.30	8.0	25.2	2.12
F08	14 Aug 2024	30	12.19	97.09	6.7	33.32	8.0	25.2	1.44
F08	14 Aug 2024	31	12.21	97.18	6.7	33.33	8.0	25.3	1.34
F08	14 Aug 2024	32	12.24	96.37	6.6	33.37	8.0	25.3	1.32
F08	14 Aug 2024	33	12.27	95.23	6.4	33.40	8.0	25.3	1.39
F08	14 Aug 2024	34	12.26	94.14	6.3	33.41	7.9	25.3	1.59
F08	14 Aug 2024	35	12.25	93.21	6.3	33.42	7.9	25.3	1.55
F08	14 Aug 2024	36	12.25	93.22	6.2	33.42	7.9	25.3	1.65
F08	14 Aug 2024	37	12.23	93.16	6.2	33.42	7.9	25.3	1.64
F08	14 Aug 2024	38	12.21	92.70	6.2	33.43	7.9	25.3	1.54
F08	14 Aug 2024	39	12.20	92.50	6.1	33.43	7.9	25.3	1.49
F08	14 Aug 2024	40	12.19	92.55	6.1	33.43	7.9	25.3	1.45
F08	14 Aug 2024	41	12.14	92.51	6.0	33.43	7.9	25.3	1.40
F08	14 Aug 2024	42	12.06	92.58	6.0	33.44	7.9	25.4	1.43
F08	14 Aug 2024	43	12.05	92.78	5.9	33.44	7.9	25.4	1.57
F08	14 Aug 2024	44	11.95	92.80	5.8	33.44	7.9	25.4	1.52
F08	14 Aug 2024	45	11.91	93.09	5.8	33.45	7.9	25.4	1.37
F08	14 Aug 2024	46	11.91	93.51	5.7	33.45	7.9	25.4	1.44
F08	14 Aug 2024	47	11.89	93.43	5.7	33.45	7.9	25.4	1.35
F08	14 Aug 2024	48	11.86	93.46	5.6	33.45	7.9	25.4	1.31
F08	14 Aug 2024	49	11.83	93.39	5.6	33.45	7.9	25.4	1.22
F08	14 Aug 2024	50	11.79	93.35	5.6	33.46	7.9	25.4	1.21
F08	14 Aug 2024	51	11.75	93.47	5.5	33.46	7.9	25.4	1.10
F08	14 Aug 2024	52	11.71	93.76	5.5	33.47	7.9	25.5	1.13
F08	14 Aug 2024	53	11.70	93.69	5.5	33.47	7.9	25.5	1.12
F08	14 Aug 2024	54	11.69	94.08	5.4	33.47	7.9	25.5	1.18
F08	14 Aug 2024	55	11.68	94.35	5.4	33.47	7.9	25.5	1.10
F08	14 Aug 2024	56	11.67	94.80	5.4	33.48	7.9	25.5	1.14
F08	14 Aug 2024	57	11.66	94.88	5.4	33.48	7.9	25.5	0.99
F08	14 Aug 2024	58	11.64	93.94	5.3	33.49	7.9	25.5	1.05
F08	14 Aug 2024	59	11.62	91.50	5.3	33.49	7.8	25.5	1.05
F08	14 Aug 2024	60	11.61	88.76	5.2	33.49	7.8	25.5	1.05
F08	14 Aug 2024	61	11.60	86.76	5.2	33.49	7.8	25.5	1.10
F08	14 Aug 2024	62	11.60	82.43	5.2	33.49	7.8	25.5	1.13
F31	13 Aug 2024	1	22.02	88.76	8.6	33.45	8.2	23.0	0.45
F31	13 Aug 2024	2	22.00	85.42	8.6	33.47	8.2	23.1	0.43
F31	13 Aug 2024	3	21.60	88.70	8.6	33.45	8.2	23.2	0.43
F31	13 Aug 2024	4	21.05	91.11	8.8	33.45	8.2	23.3	0.44
F31	13 Aug 2024	5	20.80	91.52	8.9	33.45	8.2	23.4	0.45
F31	13 Aug 2024	6	20.55	91.62	9.0	33.45	8.2	23.4	0.47
F31	13 Aug 2024	7	19.96	91.32	9.5	33.43	8.2	23.6	0.54
F31	13 Aug 2024	8	19.18	90.19	10.2	33.43	8.2	23.8	0.86
F31	13 Aug 2024	9	18.90	87.44	10.6	33.43	8.3	23.9	2.06
F31	13 Aug 2024	10	18.37	83.90	10.9	33.41	8.3	24.0	3.64
F31	13 Aug 2024	11	17.29	81.11	11.1	33.40	8.3	24.2	3.48
F31	13 Aug 2024	12	16.79	81.74	10.9	33.38	8.3	24.3	3.85
F31	13 Aug 2024	13	15.85	78.78	10.6	33.39	8.3	24.5	4.20
F31	13 Aug 2024	14	15.43	77.77	10.2	33.40	8.2	24.6	3.96
F31	13 Aug 2024	15	15.00	79.78	9.8	33.39	8.2	24.7	3.57
F31	13 Aug 2024	16	14.64	82.38	9.5	33.40	8.2	24.8	3.25
F31	13 Aug 2024	17	14.39	86.01	9.3	33.40	8.1	24.9	3.12
F31	13 Aug 2024	18	14.15	87.67	9.1	33.39	8.1	24.9	3.08
F31	13 Aug 2024	19	13.92	87.43	8.9	33.38	8.1	25.0	2.89
F31	13 Aug 2024	20	13.69	88.05	8.6	33.37	8.1	25.0	2.83
F31	13 Aug 2024	21	13.43	89.49	8.3	33.38	8.1	25.0	2.70
F31	13 Aug 2024	22	13.13	90.66	8.1	33.35	8.1	25.1	3.13
F31	13 Aug 2024	23	12.94	90.49	7.9	33.34	8.1	25.1	3.39
F31	13 Aug 2024	24	12.81	90.77	7.7	33.33	8.0	25.1	4.24
F31	13 Aug 2024	25	12.56	90.37	7.5	33.30	8.0	25.2	3.80

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F31	13 Aug 2024	26	12.44	91.44	7.3	33.29	8.0	25.2	2.48
F31	13 Aug 2024	27	12.34	95.07	7.2	33.27	8.0	25.2	1.88
F31	13 Aug 2024	28	12.15	96.74	7.1	33.29	8.0	25.2	1.43
F31	13 Aug 2024	29	12.19	97.49	7.0	33.29	8.0	25.2	1.29
F31	13 Aug 2024	30	11.93	97.67	6.8	33.32	8.0	25.3	1.23
F31	13 Aug 2024	31	11.90	97.87	6.7	33.37	8.0	25.3	1.77
F31	13 Aug 2024	32	11.91	96.06	6.5	33.41	7.9	25.4	2.46
F31	13 Aug 2024	33	11.73	94.48	6.3	33.39	7.9	25.4	2.36
F31	13 Aug 2024	34	11.62	95.60	6.2	33.40	7.9	25.4	1.87
F31	13 Aug 2024	35	11.58	97.16	6.0	33.41	7.9	25.4	1.39
F31	13 Aug 2024	36	11.58	98.05	6.0	33.41	7.9	25.4	0.98
F31	13 Aug 2024	37	11.57	98.43	6.0	33.41	7.9	25.4	0.87
F31	13 Aug 2024	38	11.57	98.53	5.9	33.41	7.9	25.4	0.76
F31	13 Aug 2024	39	11.48	98.22	5.9	33.42	7.9	25.5	0.76
F31	13 Aug 2024	40	11.42	98.76	5.8	33.44	7.9	25.5	0.63
F31	13 Aug 2024	41	11.35	99.06	5.7	33.44	7.9	25.5	0.51
F31	13 Aug 2024	42	11.21	98.91	5.7	33.46	7.9	25.5	0.49
F31	13 Aug 2024	43	11.11	99.35	5.7	33.46	7.9	25.6	0.44
F31	13 Aug 2024	44	11.01	99.22	5.6	33.48	7.9	25.6	0.38
F31	13 Aug 2024	45	10.86	99.19	5.5	33.50	7.8	25.6	0.31
F31	13 Aug 2024	46	10.85	97.97	5.4	33.50	7.8	25.6	0.28
F31	13 Aug 2024	47	10.85	98.69	5.2	33.51	7.8	25.6	0.29
F31	13 Aug 2024	48	10.86	97.76	5.0	33.53	7.8	25.7	0.26
F31	13 Aug 2024	49	10.87	97.28	5.0	33.53	7.8	25.7	0.23
F31	13 Aug 2024	50	10.86	97.07	4.9	33.53	7.8	25.7	0.22
F31	13 Aug 2024	51	10.86	97.23	4.8	33.53	7.8	25.7	0.23
F31	13 Aug 2024	52	10.86	97.14	4.8	33.53	7.8	25.7	0.22
F31	13 Aug 2024	53	10.86	97.18	4.9	33.53	7.8	25.7	0.24
F31	13 Aug 2024	54	10.86	97.74	4.9	33.53	7.8	25.7	0.23
F31	13 Aug 2024	55	10.85	97.90	4.9	33.54	7.8	25.7	0.21
F31	13 Aug 2024	56	10.84	97.89	4.8	33.55	7.8	25.7	0.21
F31	13 Aug 2024	57	10.80	97.57	4.7	33.57	7.8	25.7	0.21
F31	13 Aug 2024	58	10.79	97.42	4.5	33.58	7.8	25.7	0.19
F31	13 Aug 2024	59	10.77	97.32	4.5	33.58	7.8	25.7	0.20
F31	13 Aug 2024	60	10.75	97.30	4.4	33.60	7.8	25.7	0.18
F31	13 Aug 2024	61	10.75	97.73	4.4	33.60	7.8	25.7	0.19
F31	13 Aug 2024	62	10.74	97.79	4.4	33.60	7.8	25.7	0.19
F31	13 Aug 2024	63	10.74	97.67	4.4	33.60	7.8	25.7	0.18
F31	13 Aug 2024	64	10.74	97.54	4.4	33.60	7.8	25.7	0.18
F31	13 Aug 2024	65	10.74	97.46	4.4	33.60	7.8	25.7	0.20
F31	13 Aug 2024	66	10.73	97.56	4.4	33.60	7.8	25.7	0.20
F31	13 Aug 2024	67	10.74	97.51	4.4	33.60	7.8	25.7	0.20
F31	13 Aug 2024	68	10.73	97.43	4.4	33.60	7.8	25.7	0.18
F31	13 Aug 2024	69	10.72	97.46	4.4	33.60	7.8	25.7	0.19
F31	13 Aug 2024	70	10.67	97.49	4.6	33.60	7.8	25.7	0.19
F31	13 Aug 2024	71	10.67	98.12	4.7	33.60	7.8	25.7	0.21
F31	13 Aug 2024	72	10.63	98.75	4.8	33.60	7.8	25.8	0.22
F31	13 Aug 2024	73	10.62	98.86	4.8	33.60	7.8	25.8	0.23
F31	13 Aug 2024	74	10.61	99.35	4.8	33.61	7.8	25.8	0.23
F31	13 Aug 2024	75	10.64	99.57	4.7	33.62	7.8	25.8	0.23
F31	13 Aug 2024	76	10.69	99.31	4.5	33.64	7.8	25.8	0.21
F31	13 Aug 2024	77	10.71	98.67	4.3	33.66	7.7	25.8	0.20
F31	13 Aug 2024	78	10.70	98.70	4.2	33.66	7.7	25.8	0.18
F31	13 Aug 2024	79	10.69	98.74	4.2	33.67	7.7	25.8	0.21
F31	13 Aug 2024	80	10.71	98.99	4.1	33.69	7.7	25.8	0.18
F31	13 Aug 2024	81	10.71	99.08	4.1	33.69	7.7	25.8	0.18
F31	13 Aug 2024	82	10.70	99.03	4.0	33.69	7.7	25.8	0.16
F31	13 Aug 2024	83	10.70	98.88	4.0	33.69	7.7	25.8	0.17
F31	13 Aug 2024	84	10.71	99.10	4.0	33.70	7.7	25.8	0.17
F31	13 Aug 2024	85	10.71	99.19	4.0	33.70	7.7	25.8	0.17
F31	13 Aug 2024	86	10.70	99.25	4.0	33.70	7.7	25.8	0.17

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F31	13 Aug 2024	87	10.69	99.32	4.0	33.70	7.7	25.8	0.18
F31	13 Aug 2024	88	10.69	99.40	4.0	33.70	7.7	25.8	0.18
F31	13 Aug 2024	89	10.69	99.39	4.0	33.71	7.7	25.8	0.19
F31	13 Aug 2024	90	10.68	99.37	4.0	33.71	7.7	25.8	0.19
F31	13 Aug 2024	91	10.67	99.40	4.0	33.71	7.7	25.8	0.18
F31	13 Aug 2024	92	10.65	99.38	4.0	33.72	7.7	25.8	0.19
F31	13 Aug 2024	93	10.60	99.24	4.0	33.73	7.7	25.9	0.21
F31	13 Aug 2024	94	10.59	98.73	4.0	33.73	7.7	25.9	0.23
F31	13 Aug 2024	95	10.57	98.63	4.0	33.74	7.7	25.9	0.24
F31	13 Aug 2024	96	10.57	98.32	4.0	33.74	7.7	25.9	0.20
F31	13 Aug 2024	97	10.57	98.48	3.9	33.74	7.7	25.9	0.21
F31	13 Aug 2024	98	10.55	97.55	3.8	33.76	7.7	25.9	0.22
F20	15 Aug 2024	1	23.28	72.82	7.3	33.50	8.2	22.7	0.19
F20	15 Aug 2024	2	23.24	77.67	7.3	33.51	8.2	22.7	0.21
F20	15 Aug 2024	3	23.16	85.92	7.3	33.50	8.2	22.8	0.22
F20	15 Aug 2024	4	23.13	95.22	7.3	33.50	8.2	22.8	0.23
F20	15 Aug 2024	5	23.10	96.24	7.3	33.50	8.2	22.8	0.23
F20	15 Aug 2024	6	22.71	95.95	7.3	33.48	8.2	22.9	0.21
F20	15 Aug 2024	7	21.97	96.37	7.5	33.44	8.2	23.0	0.20
F20	15 Aug 2024	8	21.06	96.96	8.1	33.40	8.2	23.3	0.23
F20	15 Aug 2024	9	19.98	96.00	9.8	33.41	8.2	23.6	0.48
F20	15 Aug 2024	10	19.18	94.42	11.7	33.41	8.3	23.8	1.06
F20	15 Aug 2024	11	18.63	86.43	12.4	33.40	8.4	23.9	1.58
F20	15 Aug 2024	12	18.24	80.47	12.4	33.40	8.4	24.0	2.11
F20	15 Aug 2024	13	17.77	78.53	12.1	33.40	8.4	24.1	2.73
F20	15 Aug 2024	14	17.18	78.04	11.9	33.37	8.4	24.2	3.59
F20	15 Aug 2024	15	16.67	77.39	11.4	33.36	8.3	24.3	4.49
F20	15 Aug 2024	16	15.98	75.71	10.8	33.37	8.3	24.5	5.23
F20	15 Aug 2024	17	15.35	75.18	10.2	33.39	8.2	24.7	4.66
F20	15 Aug 2024	18	15.34	81.69	9.9	33.39	8.2	24.7	4.23
F20	15 Aug 2024	19	15.04	83.85	9.7	33.38	8.2	24.7	4.14
F20	15 Aug 2024	20	14.62	84.04	9.5	33.38	8.2	24.8	3.95
F20	15 Aug 2024	21	14.29	86.69	9.3	33.39	8.2	24.9	3.65
F20	15 Aug 2024	22	13.99	88.28	9.1	33.38	8.2	24.9	3.31
F20	15 Aug 2024	23	13.52	89.66	8.9	33.39	8.1	25.0	3.33
F20	15 Aug 2024	24	13.56	90.42	8.7	33.40	8.1	25.0	3.37
F20	15 Aug 2024	25	13.44	90.60	8.6	33.40	8.1	25.1	3.63
F20	15 Aug 2024	26	13.42	90.89	8.5	33.40	8.1	25.1	3.80
F20	15 Aug 2024	27	13.37	90.57	8.4	33.41	8.1	25.1	4.10
F20	15 Aug 2024	28	13.35	90.12	8.3	33.41	8.1	25.1	4.22
F20	15 Aug 2024	29	13.23	90.09	8.1	33.42	8.1	25.1	4.30
F20	15 Aug 2024	30	13.03	90.21	7.9	33.42	8.1	25.2	4.33
F20	15 Aug 2024	31	12.85	90.65	7.6	33.42	8.1	25.2	3.73
F20	15 Aug 2024	32	12.70	92.04	7.4	33.42	8.0	25.2	3.06
F20	15 Aug 2024	33	12.46	92.33	7.1	33.39	8.0	25.3	2.82
F20	15 Aug 2024	34	12.26	92.87	6.9	33.38	8.0	25.3	2.71
F20	15 Aug 2024	35	12.14	93.06	6.8	33.38	8.0	25.3	2.48
F20	15 Aug 2024	36	11.93	93.93	6.7	33.36	8.0	25.3	2.19
F20	15 Aug 2024	37	11.87	94.79	6.6	33.36	8.0	25.3	1.68
F20	15 Aug 2024	38	11.82	95.80	6.5	33.37	8.0	25.4	1.31
F20	15 Aug 2024	39	11.77	96.61	6.4	33.38	8.0	25.4	1.24
F20	15 Aug 2024	40	11.66	97.19	6.3	33.39	8.0	25.4	1.22
F20	15 Aug 2024	41	11.70	97.33	6.2	33.39	7.9	25.4	1.18
F20	15 Aug 2024	42	11.55	97.33	6.1	33.42	7.9	25.4	1.19
F20	15 Aug 2024	43	11.51	97.37	5.9	33.44	7.9	25.5	1.14
F20	15 Aug 2024	44	11.49	97.66	5.7	33.46	7.9	25.5	0.99
F20	15 Aug 2024	45	11.36	97.71	5.6	33.46	7.9	25.5	0.88
F20	15 Aug 2024	46	11.15	98.06	5.6	33.47	7.9	25.6	0.75
F20	15 Aug 2024	47	11.11	98.86	5.7	33.46	7.9	25.6	0.58
F20	15 Aug 2024	48	11.07	99.18	5.6	33.47	7.9	25.6	0.51

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F20	15 Aug 2024	49	10.94	99.30	5.6	33.48	7.9	25.6	0.42
F20	15 Aug 2024	50	10.88	99.54	5.6	33.49	7.9	25.6	0.34
F20	15 Aug 2024	51	10.88	99.42	5.6	33.49	7.9	25.6	0.50
F20	15 Aug 2024	52	10.86	99.50	5.5	33.49	7.9	25.6	0.85
F20	15 Aug 2024	53	10.85	99.36	5.3	33.50	7.9	25.6	0.73
F20	15 Aug 2024	54	10.81	98.44	4.9	33.52	7.8	25.7	0.48
F20	15 Aug 2024	55	10.79	96.31	4.4	33.55	7.8	25.7	0.27
F20	15 Aug 2024	56	10.80	95.81	4.2	33.55	7.8	25.7	0.18
F20	15 Aug 2024	57	10.79	95.41	4.2	33.55	7.8	25.7	0.16
F20	15 Aug 2024	58	10.79	95.96	4.2	33.55	7.8	25.7	0.15
F20	15 Aug 2024	59	10.80	95.66	4.3	33.55	7.8	25.7	0.15
F20	15 Aug 2024	60	10.80	95.42	4.3	33.55	7.8	25.7	0.14
F20	15 Aug 2024	61	10.80	95.70	4.4	33.55	7.8	25.7	0.15
F20	15 Aug 2024	62	10.80	96.27	4.5	33.55	7.8	25.7	0.16
F20	15 Aug 2024	63	10.81	96.96	4.5	33.56	7.8	25.7	0.16
F20	15 Aug 2024	64	10.82	97.50	4.6	33.56	7.8	25.7	0.17
F20	15 Aug 2024	65	10.82	97.50	4.6	33.57	7.8	25.7	0.22
F20	15 Aug 2024	66	10.83	97.60	4.5	33.59	7.8	25.7	0.28
F20	15 Aug 2024	67	10.81	97.85	4.4	33.59	7.8	25.7	0.23
F20	15 Aug 2024	68	10.78	97.88	4.3	33.59	7.8	25.7	0.18
F20	15 Aug 2024	69	10.75	97.47	4.2	33.59	7.8	25.7	0.20
F20	15 Aug 2024	70	10.74	96.45	4.1	33.59	7.8	25.7	0.15
F20	15 Aug 2024	71	10.73	95.46	4.0	33.59	7.8	25.7	0.14
F20	15 Aug 2024	72	10.72	95.72	4.1	33.61	7.8	25.7	0.15
F20	15 Aug 2024	73	10.71	95.85	4.1	33.62	7.8	25.8	0.14
F20	15 Aug 2024	74	10.70	96.85	4.0	33.65	7.8	25.8	0.15
F20	15 Aug 2024	75	10.69	96.90	4.0	33.66	7.8	25.8	0.16
F20	15 Aug 2024	76	10.69	96.35	4.0	33.67	7.8	25.8	0.17
F20	15 Aug 2024	77	10.68	96.11	4.1	33.67	7.8	25.8	0.17
F20	15 Aug 2024	78	10.68	95.79	4.1	33.67	7.8	25.8	0.16
F20	15 Aug 2024	79	10.68	95.58	4.1	33.67	7.8	25.8	0.17
F20	15 Aug 2024	80	10.68	95.41	4.1	33.67	7.8	25.8	0.16
F20	15 Aug 2024	81	10.68	95.35	4.1	33.67	7.8	25.8	0.18
F20	15 Aug 2024	82	10.69	95.12	4.1	33.67	7.8	25.8	0.18
F09	14 Aug 2024	1	22.91	86.19	8.5	33.47	8.2	22.8	0.70
F09	14 Aug 2024	2	22.82	76.91	8.4	33.47	8.2	22.8	0.73
F09	14 Aug 2024	3	22.66	82.08	8.4	33.46	8.2	22.9	0.71
F09	14 Aug 2024	4	21.23	87.70	9.3	33.41	8.2	23.2	0.61
F09	14 Aug 2024	5	20.76	90.24	9.9	33.42	8.3	23.4	0.71
F09	14 Aug 2024	6	19.73	85.15	10.7	33.41	8.3	23.6	1.33
F09	14 Aug 2024	7	19.26	82.24	11.1	33.42	8.3	23.7	2.04
F09	14 Aug 2024	8	18.94	83.29	10.8	33.41	8.3	23.8	2.48
F09	14 Aug 2024	9	17.92	81.75	10.9	33.38	8.3	24.0	2.67
F09	14 Aug 2024	10	17.04	81.09	10.8	33.38	8.3	24.3	2.79
F09	14 Aug 2024	11	16.80	80.63	10.4	33.39	8.2	24.3	3.44
F09	14 Aug 2024	12	16.51	75.51	10.3	33.39	8.2	24.4	4.50
F09	14 Aug 2024	13	16.26	73.95	10.8	33.37	8.2	24.4	5.33
F09	14 Aug 2024	14	16.11	76.26	11.2	33.37	8.3	24.5	6.32
F09	14 Aug 2024	15	16.01	76.93	11.2	33.38	8.3	24.5	6.62
F09	14 Aug 2024	16	16.06	76.69	10.7	33.38	8.3	24.5	6.59
F09	14 Aug 2024	17	15.39	77.16	10.0	33.35	8.2	24.6	6.26
F09	14 Aug 2024	18	14.33	77.83	9.8	33.32	8.2	24.8	5.49
F09	14 Aug 2024	19	13.98	82.30	9.1	33.36	8.2	24.9	4.73
F09	14 Aug 2024	20	13.67	84.38	8.3	33.39	8.1	25.0	4.33
F09	14 Aug 2024	21	13.71	84.26	7.8	33.41	8.1	25.0	4.25
F09	14 Aug 2024	22	13.61	83.42	7.6	33.41	8.0	25.0	4.07
F09	14 Aug 2024	23	13.51	83.64	7.5	33.40	8.0	25.0	3.65
F09	14 Aug 2024	24	13.12	84.31	7.6	33.33	8.0	25.1	3.44
F09	14 Aug 2024	25	12.74	86.05	7.5	33.31	8.0	25.1	2.96
F09	14 Aug 2024	26	12.50	90.24	7.2	33.30	8.0	25.2	2.78

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F09	14 Aug 2024	27	12.26	93.28	6.9	33.28	8.0	25.2	3.56
F09	14 Aug 2024	28	12.23	93.24	6.8	33.29	8.0	25.2	3.06
F09	14 Aug 2024	29	12.20	94.02	6.8	33.30	8.0	25.2	2.02
F09	14 Aug 2024	30	12.18	96.64	6.7	33.32	8.0	25.2	1.49
F09	14 Aug 2024	31	12.18	96.76	6.7	33.34	8.0	25.3	1.36
F09	14 Aug 2024	32	12.14	96.28	6.6	33.36	8.0	25.3	1.53
F09	14 Aug 2024	33	12.18	95.42	6.5	33.38	8.0	25.3	1.61
F09	14 Aug 2024	34	12.22	94.84	6.5	33.39	8.0	25.3	1.68
F09	14 Aug 2024	35	12.25	94.30	6.4	33.40	8.0	25.3	1.69
F09	14 Aug 2024	36	12.26	93.73	6.4	33.41	8.0	25.3	1.60
F09	14 Aug 2024	37	12.26	93.27	6.3	33.41	8.0	25.3	1.64
F09	14 Aug 2024	38	12.25	93.22	6.3	33.41	7.9	25.3	1.63
F09	14 Aug 2024	39	12.25	93.28	6.3	33.42	7.9	25.3	1.65
F09	14 Aug 2024	40	12.25	93.14	6.3	33.42	7.9	25.3	1.67
F09	14 Aug 2024	41	12.24	92.77	6.2	33.42	7.9	25.3	1.56
F09	14 Aug 2024	42	12.23	92.81	6.2	33.42	7.9	25.3	1.59
F09	14 Aug 2024	43	12.22	92.84	6.2	33.42	7.9	25.3	1.45
F09	14 Aug 2024	44	12.18	92.70	6.1	33.43	7.9	25.3	1.50
F09	14 Aug 2024	45	12.11	92.53	6.0	33.44	7.9	25.4	1.48
F09	14 Aug 2024	46	12.08	92.61	6.0	33.44	7.9	25.4	1.48
F09	14 Aug 2024	47	12.05	92.92	5.9	33.44	7.9	25.4	1.49
F09	14 Aug 2024	48	11.99	92.75	5.9	33.44	7.9	25.4	1.35
F09	14 Aug 2024	49	11.95	92.85	5.8	33.44	7.9	25.4	1.29
F09	14 Aug 2024	50	11.86	93.40	5.7	33.45	7.9	25.4	1.24
F09	14 Aug 2024	51	11.83	93.62	5.7	33.46	7.9	25.4	1.28
F09	14 Aug 2024	52	11.81	93.46	5.6	33.46	7.9	25.4	1.33
F09	14 Aug 2024	53	11.79	93.57	5.6	33.46	7.9	25.4	1.20
F09	14 Aug 2024	54	11.78	93.13	5.5	33.47	7.9	25.4	1.22
F09	14 Aug 2024	55	11.78	92.52	5.5	33.47	7.9	25.4	1.23
F09	14 Aug 2024	56	11.77	92.30	5.5	33.47	7.9	25.4	1.13
F09	14 Aug 2024	57	11.77	92.33	5.5	33.47	7.9	25.4	1.13
F09	14 Aug 2024	58	11.78	92.16	5.5	33.47	7.9	25.4	1.17
F09	14 Aug 2024	59	11.77	91.92	5.4	33.47	7.9	25.4	1.18
F09	14 Aug 2024	60	11.71	91.72	5.4	33.48	7.9	25.5	1.17
F09	14 Aug 2024	61	11.67	88.15	5.3	33.48	7.8	25.5	1.29
F09	14 Aug 2024	62	11.66	80.81	5.2	33.49	7.8	25.5	1.29
F32	13 Aug 2024	1	22.08	91.14	8.5	33.47	8.2	23.0	0.39
F32	13 Aug 2024	2	21.76	90.61	8.5	33.46	8.2	23.1	0.39
F32	13 Aug 2024	3	21.12	91.92	8.8	33.46	8.2	23.3	0.43
F32	13 Aug 2024	4	20.16	91.68	9.6	33.44	8.2	23.5	0.52
F32	13 Aug 2024	5	19.09	89.21	10.5	33.42	8.3	23.8	1.14
F32	13 Aug 2024	6	18.52	84.67	11.0	33.42	8.3	23.9	2.83
F32	13 Aug 2024	7	18.22	81.59	11.2	33.42	8.3	24.0	4.14
F32	13 Aug 2024	8	17.59	80.61	11.2	33.41	8.3	24.1	4.02
F32	13 Aug 2024	9	17.12	80.99	11.1	33.40	8.3	24.3	3.27
F32	13 Aug 2024	10	16.81	81.94	11.0	33.39	8.3	24.3	3.28
F32	13 Aug 2024	11	16.36	81.51	11.1	33.39	8.3	24.4	3.71
F32	13 Aug 2024	12	15.98	79.40	11.0	33.40	8.3	24.5	4.31
F32	13 Aug 2024	13	15.64	77.28	11.0	33.40	8.2	24.6	4.27
F32	13 Aug 2024	14	15.41	77.42	10.7	33.40	8.2	24.6	3.70
F32	13 Aug 2024	15	15.19	79.34	10.4	33.39	8.2	24.7	3.66
F32	13 Aug 2024	16	14.91	80.42	10.1	33.38	8.2	24.7	3.62
F32	13 Aug 2024	17	14.62	82.28	9.6	33.37	8.2	24.8	3.61
F32	13 Aug 2024	18	14.26	83.68	9.3	33.37	8.2	24.9	3.50
F32	13 Aug 2024	19	14.05	85.28	9.1	33.38	8.1	24.9	3.62
F32	13 Aug 2024	20	13.80	86.93	8.9	33.37	8.1	25.0	4.36
F32	13 Aug 2024	21	13.52	87.02	8.6	33.36	8.1	25.0	5.51
F32	13 Aug 2024	22	13.40	86.72	8.3	33.34	8.1	25.0	5.94
F32	13 Aug 2024	23	13.09	86.86	8.0	33.30	8.1	25.1	6.16
F32	13 Aug 2024	24	12.73	86.85	7.7	33.26	8.0	25.1	7.06

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F32	13 Aug 2024	25	12.61	86.62	7.5	33.26	8.0	25.1	5.67
F32	13 Aug 2024	26	12.54	90.48	7.3	33.26	8.0	25.1	3.98
F32	13 Aug 2024	27	12.41	94.54	7.3	33.25	8.0	25.2	2.35
F32	13 Aug 2024	28	12.31	96.69	7.2	33.27	8.0	25.2	1.42
F32	13 Aug 2024	29	12.17	97.52	7.0	33.30	8.0	25.2	1.30
F32	13 Aug 2024	30	12.02	97.83	6.8	33.37	8.0	25.3	2.04
F32	13 Aug 2024	31	11.92	96.17	6.6	33.37	7.9	25.3	2.35
F32	13 Aug 2024	32	11.90	95.42	6.5	33.37	7.9	25.3	2.32
F32	13 Aug 2024	33	11.88	95.66	6.4	33.37	7.9	25.3	2.14
F32	13 Aug 2024	34	11.75	95.86	6.3	33.38	7.9	25.4	2.10
F32	13 Aug 2024	35	11.70	95.97	6.2	33.38	7.9	25.4	1.76
F32	13 Aug 2024	36	11.64	96.46	6.1	33.39	7.9	25.4	1.39
F32	13 Aug 2024	37	11.62	97.67	6.1	33.40	7.9	25.4	1.03
F32	13 Aug 2024	38	11.61	98.16	6.0	33.40	7.9	25.4	1.08
F32	13 Aug 2024	39	11.56	98.49	6.0	33.42	7.9	25.4	0.91
F32	13 Aug 2024	40	11.51	98.78	5.8	33.43	7.9	25.5	0.63
F32	13 Aug 2024	41	11.45	98.83	5.8	33.44	7.9	25.5	0.59
F32	13 Aug 2024	42	11.38	98.60	5.7	33.45	7.9	25.5	0.49
F32	13 Aug 2024	43	11.30	99.13	5.7	33.45	7.9	25.5	0.83
F32	13 Aug 2024	44	11.16	99.28	5.7	33.45	7.8	25.5	0.66
F32	13 Aug 2024	45	11.03	99.46	5.7	33.46	7.9	25.6	0.46
F32	13 Aug 2024	46	10.95	99.55	5.7	33.46	7.9	25.6	0.34
F32	13 Aug 2024	47	10.91	99.58	5.5	33.49	7.9	25.6	0.31
F32	13 Aug 2024	48	10.87	99.50	5.2	33.52	7.8	25.6	0.25
F32	13 Aug 2024	49	10.85	98.69	5.0	33.53	7.8	25.7	0.24
F32	13 Aug 2024	50	10.83	98.26	5.0	33.54	7.8	25.7	0.22
F32	13 Aug 2024	51	10.82	98.26	5.0	33.54	7.8	25.7	0.20
F32	13 Aug 2024	52	10.84	98.72	4.8	33.55	7.8	25.7	0.18
F32	13 Aug 2024	53	10.84	97.93	4.6	33.55	7.8	25.7	0.17
F32	13 Aug 2024	54	10.83	97.21	4.5	33.56	7.8	25.7	0.15
F32	13 Aug 2024	55	10.82	97.11	4.4	33.56	7.8	25.7	0.18
F32	13 Aug 2024	56	10.81	97.30	4.4	33.57	7.8	25.7	0.17
F32	13 Aug 2024	57	10.78	97.44	4.5	33.57	7.8	25.7	0.17
F32	13 Aug 2024	58	10.77	97.52	4.5	33.57	7.8	25.7	0.17
F32	13 Aug 2024	59	10.77	97.61	4.6	33.57	7.8	25.7	0.18
F32	13 Aug 2024	60	10.76	97.63	4.6	33.57	7.8	25.7	0.18
F32	13 Aug 2024	61	10.73	97.72	4.7	33.56	7.8	25.7	0.20
F32	13 Aug 2024	62	10.72	97.91	4.8	33.56	7.8	25.7	0.29
F32	13 Aug 2024	63	10.70	98.22	4.9	33.56	7.8	25.7	0.21
F32	13 Aug 2024	64	10.66	98.48	4.9	33.56	7.8	25.7	0.20
F32	13 Aug 2024	65	10.63	98.68	5.0	33.57	7.8	25.7	0.21
F32	13 Aug 2024	66	10.64	99.10	5.0	33.58	7.8	25.7	0.21
F32	13 Aug 2024	67	10.65	99.04	4.9	33.58	7.8	25.7	0.21
F32	13 Aug 2024	68	10.66	98.96	4.8	33.59	7.8	25.7	0.21
F32	13 Aug 2024	69	10.68	99.02	4.7	33.59	7.8	25.7	0.19
F32	13 Aug 2024	70	10.73	98.82	4.5	33.62	7.8	25.7	0.19
F32	13 Aug 2024	71	10.74	98.37	4.3	33.63	7.7	25.8	0.17
F32	13 Aug 2024	72	10.74	97.95	4.3	33.65	7.7	25.8	0.20
F32	13 Aug 2024	73	10.72	98.32	4.2	33.66	7.7	25.8	0.18
F32	13 Aug 2024	74	10.73	98.56	4.2	33.68	7.7	25.8	0.18
F32	13 Aug 2024	75	10.72	98.75	4.1	33.69	7.7	25.8	0.17
F32	13 Aug 2024	76	10.72	99.21	4.1	33.69	7.7	25.8	0.16
F32	13 Aug 2024	77	10.72	99.44	4.1	33.70	7.7	25.8	0.16
F32	13 Aug 2024	78	10.72	99.38	4.1	33.70	7.7	25.8	0.17
F32	13 Aug 2024	79	10.72	99.34	4.1	33.70	7.7	25.8	0.17
F32	13 Aug 2024	80	10.71	99.42	4.1	33.70	7.7	25.8	0.17
F32	13 Aug 2024	81	10.71	99.52	4.1	33.70	7.7	25.8	0.17
F32	13 Aug 2024	82	10.70	99.52	4.1	33.70	7.7	25.8	0.17
F32	13 Aug 2024	83	10.68	99.53	4.1	33.70	7.7	25.8	0.17
F32	13 Aug 2024	84	10.66	99.55	4.1	33.71	7.7	25.8	0.18
F32	13 Aug 2024	85	10.65	99.65	4.1	33.71	7.7	25.8	0.22

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F32	13 Aug 2024	86	10.64	99.68	4.1	33.71	7.7	25.8	0.23
F32	13 Aug 2024	87	10.61	99.66	4.1	33.72	7.7	25.8	0.21
F32	13 Aug 2024	88	10.60	99.29	4.1	33.73	7.7	25.9	0.21
F32	13 Aug 2024	89	10.60	98.91	4.0	33.73	7.7	25.9	0.21
F32	13 Aug 2024	90	10.60	98.83	4.0	33.73	7.7	25.9	0.21
F32	13 Aug 2024	91	10.60	98.74	4.0	33.73	7.7	25.9	0.21
F32	13 Aug 2024	92	10.59	98.63	4.0	33.73	7.7	25.9	0.21
F32	13 Aug 2024	93	10.59	98.68	4.0	33.73	7.7	25.9	0.21
F32	13 Aug 2024	94	10.58	98.34	4.0	33.74	7.7	25.9	0.21
F32	13 Aug 2024	95	10.57	98.20	3.9	33.74	7.7	25.9	0.21
F32	13 Aug 2024	96	10.57	98.20	3.9	33.75	7.7	25.9	0.21
F32	13 Aug 2024	97	10.55	98.06	3.9	33.75	7.7	25.9	0.21
F32	13 Aug 2024	98	10.53	97.93	3.8	33.78	7.7	25.9	0.20
F32	13 Aug 2024	99	10.52	97.46	3.7	33.80	7.7	25.9	0.18
F32	13 Aug 2024	100	10.52	97.12	3.5	33.82	7.7	25.9	0.18
F32	13 Aug 2024	101	10.53	97.01	3.5	33.83	7.7	25.9	0.17
F21	15 Aug 2024	1	23.58	94.27	7.4	33.51	8.2	22.6	0.36
F21	15 Aug 2024	2	23.49	94.43	7.4	33.51	8.2	22.7	0.37
F21	15 Aug 2024	3	23.45	94.54	7.4	33.51	8.2	22.7	0.41
F21	15 Aug 2024	4	23.43	94.50	7.3	33.51	8.2	22.7	0.39
F21	15 Aug 2024	5	23.22	94.68	7.3	33.49	8.2	22.7	0.36
F21	15 Aug 2024	6	22.41	95.32	7.5	33.47	8.2	22.9	0.32
F21	15 Aug 2024	7	21.92	96.04	7.8	33.45	8.2	23.1	0.34
F21	15 Aug 2024	8	21.23	96.21	8.5	33.43	8.2	23.2	0.46
F21	15 Aug 2024	9	20.41	95.46	9.7	33.42	8.2	23.5	0.82
F21	15 Aug 2024	10	20.11	91.13	10.4	33.41	8.3	23.5	1.34
F21	15 Aug 2024	11	19.49	88.49	11.2	33.41	8.3	23.7	2.00
F21	15 Aug 2024	12	18.79	85.47	12.1	33.40	8.3	23.9	2.71
F21	15 Aug 2024	13	18.52	81.23	12.6	33.40	8.4	23.9	3.73
F21	15 Aug 2024	14	17.96	78.94	12.8	33.39	8.4	24.0	5.04
F21	15 Aug 2024	15	17.54	78.15	12.8	33.39	8.4	24.1	5.06
F21	15 Aug 2024	16	17.22	77.98	12.6	33.38	8.4	24.2	4.89
F21	15 Aug 2024	17	16.56	77.01	11.9	33.35	8.4	24.4	4.86
F21	15 Aug 2024	18	15.95	76.70	11.2	33.37	8.3	24.5	4.55
F21	15 Aug 2024	19	15.27	80.27	10.4	33.39	8.3	24.7	3.89
F21	15 Aug 2024	20	14.93	83.74	10.1	33.39	8.2	24.7	3.54
F21	15 Aug 2024	21	14.51	85.00	9.7	33.39	8.2	24.8	3.26
F21	15 Aug 2024	22	14.39	86.57	9.4	33.39	8.2	24.9	3.34
F21	15 Aug 2024	23	14.04	86.61	9.2	33.38	8.2	24.9	3.20
F21	15 Aug 2024	24	13.63	87.28	9.0	33.38	8.2	25.0	3.26
F21	15 Aug 2024	25	13.47	87.74	8.8	33.38	8.1	25.0	3.33
F21	15 Aug 2024	26	13.41	88.11	8.5	33.38	8.1	25.1	3.28
F21	15 Aug 2024	27	13.20	89.27	8.1	33.36	8.1	25.1	3.20
F21	15 Aug 2024	28	12.73	90.11	7.7	33.33	8.1	25.2	3.37
F21	15 Aug 2024	29	12.62	90.48	7.5	33.33	8.0	25.2	3.72
F21	15 Aug 2024	30	12.42	90.13	7.3	33.31	8.0	25.2	3.88
F21	15 Aug 2024	31	12.32	90.43	7.1	33.30	8.0	25.2	3.98
F21	15 Aug 2024	32	12.16	91.79	7.0	33.29	8.0	25.2	3.79
F21	15 Aug 2024	33	12.18	93.65	6.9	33.31	8.0	25.2	2.41
F21	15 Aug 2024	34	12.21	95.50	6.8	33.38	8.0	25.3	2.19
F21	15 Aug 2024	35	12.18	94.26	6.6	33.39	8.0	25.3	2.22
F21	15 Aug 2024	36	11.92	93.87	6.5	33.38	8.0	25.4	2.12
F21	15 Aug 2024	37	11.76	94.67	6.4	33.39	8.0	25.4	1.75
F21	15 Aug 2024	38	11.66	96.53	6.2	33.41	7.9	25.4	1.32
F21	15 Aug 2024	39	11.51	97.65	6.2	33.40	7.9	25.4	1.11
F21	15 Aug 2024	40	11.43	98.28	6.1	33.40	7.9	25.5	0.86
F21	15 Aug 2024	41	11.41	98.43	6.0	33.41	7.9	25.5	0.79
F21	15 Aug 2024	42	11.41	98.74	6.0	33.41	7.9	25.5	0.82
F21	15 Aug 2024	43	11.40	98.72	6.0	33.41	7.9	25.5	0.73
F21	15 Aug 2024	44	11.40	98.68	5.9	33.42	7.9	25.5	0.78

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F21	15 Aug 2024	45	11.36	98.42	5.9	33.44	7.9	25.5	0.76
F21	15 Aug 2024	46	11.25	98.64	5.8	33.44	7.9	25.5	0.66
F21	15 Aug 2024	47	11.16	98.97	5.8	33.44	7.9	25.5	0.55
F21	15 Aug 2024	48	11.14	99.28	5.8	33.44	7.9	25.5	0.51
F21	15 Aug 2024	49	11.15	99.30	5.8	33.45	7.9	25.5	0.48
F21	15 Aug 2024	50	11.14	99.35	5.7	33.46	7.9	25.6	0.45
F21	15 Aug 2024	51	11.10	99.53	5.7	33.47	7.9	25.6	0.41
F21	15 Aug 2024	52	10.99	99.58	5.7	33.47	7.9	25.6	0.37
F21	15 Aug 2024	53	11.01	99.71	5.7	33.47	7.9	25.6	0.36
F21	15 Aug 2024	54	10.90	99.70	5.7	33.48	7.9	25.6	0.35
F21	15 Aug 2024	55	10.86	99.72	5.6	33.49	7.9	25.6	0.31
F21	15 Aug 2024	56	10.84	99.62	5.4	33.51	7.9	25.6	0.26
F21	15 Aug 2024	57	10.84	99.04	5.1	33.52	7.8	25.7	0.22
F21	15 Aug 2024	58	10.84	98.51	5.0	33.52	7.8	25.7	0.22
F21	15 Aug 2024	59	10.83	98.12	4.9	33.53	7.8	25.7	0.20
F21	15 Aug 2024	60	10.82	97.79	4.8	33.53	7.8	25.7	0.17
F21	15 Aug 2024	61	10.83	97.35	4.7	33.55	7.8	25.7	0.16
F21	15 Aug 2024	62	10.83	97.10	4.6	33.55	7.8	25.7	0.16
F21	15 Aug 2024	63	10.87	96.78	4.6	33.56	7.8	25.7	0.19
F21	15 Aug 2024	64	10.90	97.53	4.6	33.59	7.8	25.7	0.22
F21	15 Aug 2024	65	10.90	97.64	4.5	33.59	7.8	25.7	0.23
F21	15 Aug 2024	66	10.90	97.79	4.5	33.59	7.8	25.7	0.25
F21	15 Aug 2024	67	10.90	97.69	4.5	33.59	7.8	25.7	0.25
F21	15 Aug 2024	68	10.87	97.91	4.5	33.59	7.8	25.7	0.25
F21	15 Aug 2024	69	10.83	98.14	4.5	33.60	7.8	25.7	0.26
F21	15 Aug 2024	70	10.82	98.53	4.5	33.60	7.8	25.7	0.25
F21	15 Aug 2024	71	10.82	98.61	4.4	33.61	7.8	25.7	0.26
F21	15 Aug 2024	72	10.82	98.19	4.3	33.61	7.8	25.7	0.27
F21	15 Aug 2024	73	10.82	97.84	4.3	33.61	7.8	25.7	0.26
F21	15 Aug 2024	74	10.80	97.63	4.2	33.62	7.8	25.7	0.22
F21	15 Aug 2024	75	10.77	97.48	4.2	33.62	7.8	25.7	0.22
F21	15 Aug 2024	76	10.77	97.35	4.2	33.63	7.8	25.7	0.22
F21	15 Aug 2024	77	10.74	97.17	4.2	33.63	7.8	25.8	0.21
F21	15 Aug 2024	78	10.72	97.28	4.2	33.64	7.8	25.8	0.22
F21	15 Aug 2024	79	10.72	97.30	4.1	33.64	7.8	25.8	0.24
F21	15 Aug 2024	80	10.71	97.12	4.1	33.65	7.8	25.8	0.25
F21	15 Aug 2024	81	10.71	95.80	4.0	33.66	7.8	25.8	0.29
F21	15 Aug 2024	82	10.72	93.18	4.0	33.66	7.7	25.8	0.26
F21	15 Aug 2024	83	10.72	91.48	3.9	33.66	7.7	25.8	0.28
F10	14 Aug 2024	1	22.57	89.90	8.3	33.47	8.2	22.9	0.54
F10	14 Aug 2024	2	22.22	89.87	8.7	33.45	8.2	23.0	0.52
F10	14 Aug 2024	3	20.80	89.62	9.9	33.44	8.3	23.4	0.50
F10	14 Aug 2024	4	20.34	87.75	10.2	33.42	8.3	23.5	0.64
F10	14 Aug 2024	5	19.45	85.48	10.9	33.42	8.3	23.7	1.35
F10	14 Aug 2024	6	19.31	83.36	11.0	33.41	8.3	23.7	1.91
F10	14 Aug 2024	7	18.16	83.27	10.6	33.37	8.3	24.0	2.18
F10	14 Aug 2024	8	17.25	81.35	10.7	33.40	8.3	24.2	2.74
F10	14 Aug 2024	9	17.44	77.25	10.8	33.38	8.3	24.2	3.12
F10	14 Aug 2024	10	16.81	80.49	11.0	33.39	8.3	24.3	3.76
F10	14 Aug 2024	11	16.51	79.77	11.2	33.38	8.3	24.4	4.92
F10	14 Aug 2024	12	16.25	77.83	11.4	33.38	8.3	24.4	6.21
F10	14 Aug 2024	13	16.05	75.91	11.6	33.39	8.3	24.5	6.84
F10	14 Aug 2024	14	15.65	77.04	11.6	33.39	8.3	24.6	6.50
F10	14 Aug 2024	15	15.36	78.55	11.1	33.38	8.3	24.6	6.13
F10	14 Aug 2024	16	14.81	78.97	10.6	33.36	8.3	24.7	5.67
F10	14 Aug 2024	17	14.36	79.97	10.3	33.33	8.2	24.8	4.89
F10	14 Aug 2024	18	14.31	84.58	10.1	33.34	8.2	24.8	4.31
F10	14 Aug 2024	19	14.08	86.17	9.5	33.37	8.2	24.9	4.05
F10	14 Aug 2024	20	14.03	86.45	8.8	33.41	8.1	24.9	3.65
F10	14 Aug 2024	21	14.01	85.24	8.4	33.41	8.1	25.0	3.41

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F10	14 Aug 2024	22	13.89	85.04	8.0	33.41	8.1	25.0	3.19
F10	14 Aug 2024	23	13.59	85.56	7.7	33.42	8.1	25.0	2.94
F10	14 Aug 2024	24	13.38	86.60	7.5	33.41	8.0	25.1	2.92
F10	14 Aug 2024	25	13.14	87.55	7.3	33.40	8.0	25.1	2.77
F10	14 Aug 2024	26	13.12	87.98	7.3	33.40	8.0	25.1	2.71
F10	14 Aug 2024	27	13.10	88.03	7.2	33.40	8.0	25.1	2.59
F10	14 Aug 2024	28	13.06	88.14	7.2	33.39	8.0	25.1	2.57
F10	14 Aug 2024	29	12.96	88.14	7.2	33.38	8.0	25.1	2.67
F10	14 Aug 2024	30	12.59	88.53	7.0	33.33	8.0	25.2	2.91
F10	14 Aug 2024	31	12.23	89.60	6.9	33.31	8.0	25.2	3.02
F10	14 Aug 2024	32	12.15	91.59	6.7	33.32	8.0	25.3	2.52
F10	14 Aug 2024	33	12.19	95.33	6.7	33.32	8.0	25.3	1.85
F10	14 Aug 2024	34	12.23	96.12	6.7	33.34	8.0	25.3	1.77
F10	14 Aug 2024	35	12.25	95.16	6.6	33.37	8.0	25.3	1.62
F10	14 Aug 2024	36	12.29	94.26	6.5	33.39	8.0	25.3	1.62
F10	14 Aug 2024	37	12.31	93.12	6.4	33.40	8.0	25.3	1.68
F10	14 Aug 2024	38	12.21	92.86	6.4	33.40	7.9	25.3	1.62
F10	14 Aug 2024	39	12.21	93.38	6.3	33.40	7.9	25.3	1.53
F10	14 Aug 2024	40	12.14	93.64	6.2	33.42	7.9	25.3	1.48
F10	14 Aug 2024	41	12.14	93.31	6.1	33.42	7.9	25.3	1.44
F10	14 Aug 2024	42	12.13	92.92	6.1	33.43	7.9	25.3	1.52
F10	14 Aug 2024	43	12.13	92.80	6.0	33.43	7.9	25.3	1.58
F10	14 Aug 2024	44	12.13	92.49	6.0	33.44	7.9	25.4	1.53
F10	14 Aug 2024	45	12.13	92.26	6.0	33.44	7.9	25.4	1.43
F10	14 Aug 2024	46	12.12	92.25	6.0	33.44	7.9	25.4	1.43
F10	14 Aug 2024	47	12.13	91.99	6.0	33.44	7.9	25.4	1.43
F10	14 Aug 2024	48	12.13	91.61	6.0	33.44	7.9	25.4	1.58
F10	14 Aug 2024	49	12.12	91.44	6.0	33.44	7.9	25.4	1.55
F10	14 Aug 2024	50	12.11	91.12	6.0	33.44	7.9	25.4	1.60
F10	14 Aug 2024	51	12.11	91.14	6.0	33.44	7.9	25.4	1.56
F10	14 Aug 2024	52	12.11	91.32	5.9	33.44	7.9	25.4	1.48
F10	14 Aug 2024	53	12.11	91.44	5.9	33.44	7.9	25.4	1.40
F10	14 Aug 2024	54	12.11	91.53	5.9	33.44	7.9	25.4	1.45
F10	14 Aug 2024	55	12.10	91.57	5.9	33.44	7.9	25.4	1.50
F10	14 Aug 2024	56	12.09	91.68	5.9	33.44	7.9	25.4	1.42
F10	14 Aug 2024	57	12.01	91.27	5.7	33.45	7.9	25.4	1.57
F10	14 Aug 2024	58	11.88	87.51	5.6	33.46	7.9	25.4	1.45
F10	14 Aug 2024	59	11.87	85.85	5.5	33.46	7.9	25.4	1.31
F10	14 Aug 2024	60	11.79	86.93	5.4	33.47	7.9	25.4	1.15
F10	14 Aug 2024	61	11.72	81.35	5.2	33.48	7.8	25.5	1.43
F10	14 Aug 2024	62	11.77	82.56	5.2	33.47	7.8	25.4	1.65
F33	13 Aug 2024	1	22.68	89.41	8.0	33.48	8.2	22.9	0.77
F33	13 Aug 2024	2	22.30	89.40	8.4	33.45	8.2	23.0	0.83
F33	13 Aug 2024	3	20.97	88.40	9.2	33.44	8.2	23.3	0.96
F33	13 Aug 2024	4	20.40	86.61	9.3	33.45	8.2	23.5	1.07
F33	13 Aug 2024	5	19.75	86.72	9.7	33.42	8.2	23.6	1.21
F33	13 Aug 2024	6	19.23	87.08	10.1	33.42	8.2	23.8	1.73
F33	13 Aug 2024	7	19.33	85.82	10.2	33.42	8.2	23.7	2.20
F33	13 Aug 2024	8	18.56	84.33	11.1	33.39	8.3	23.9	2.68
F33	13 Aug 2024	9	18.13	81.91	11.8	33.42	8.3	24.0	3.91
F33	13 Aug 2024	10	17.80	81.52	11.8	33.41	8.3	24.1	3.86
F33	13 Aug 2024	11	17.14	80.30	12.2	33.41	8.3	24.3	4.19
F33	13 Aug 2024	12	16.37	81.10	11.8	33.41	8.3	24.4	4.07
F33	13 Aug 2024	13	15.74	81.51	11.2	33.39	8.3	24.6	3.92
F33	13 Aug 2024	14	15.14	82.81	10.3	33.38	8.2	24.7	3.97
F33	13 Aug 2024	15	14.20	84.42	9.7	33.40	8.2	24.9	3.86
F33	13 Aug 2024	16	14.19	84.72	9.4	33.40	8.1	24.9	3.86
F33	13 Aug 2024	17	14.22	84.77	9.3	33.41	8.1	24.9	4.10
F33	13 Aug 2024	18	14.15	85.16	9.1	33.40	8.1	24.9	4.21
F33	13 Aug 2024	19	13.92	85.41	8.8	33.39	8.1	25.0	4.60

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F33	13 Aug 2024	20	13.59	84.72	8.5	33.36	8.1	25.0	6.13
F33	13 Aug 2024	21	13.47	84.69	8.1	33.34	8.1	25.0	5.89
F33	13 Aug 2024	22	12.91	86.63	7.8	33.29	8.0	25.1	5.56
F33	13 Aug 2024	23	12.76	88.00	7.6	33.27	8.0	25.1	4.74
F33	13 Aug 2024	24	12.64	93.07	7.4	33.26	8.0	25.1	2.48
F33	13 Aug 2024	25	12.59	96.42	7.3	33.26	8.0	25.1	1.82
F33	13 Aug 2024	26	12.41	97.22	7.2	33.26	8.0	25.2	1.32
F33	13 Aug 2024	27	12.39	97.73	7.2	33.26	8.0	25.2	1.07
F33	13 Aug 2024	28	12.37	97.96	7.1	33.27	8.0	25.2	0.94
F33	13 Aug 2024	29	12.38	98.05	7.1	33.27	8.0	25.2	1.05
F33	13 Aug 2024	30	12.28	97.88	7.1	33.28	8.0	25.2	0.80
F33	13 Aug 2024	31	12.27	98.02	7.0	33.28	8.0	25.2	0.84
F33	13 Aug 2024	32	12.10	98.28	6.9	33.32	8.0	25.3	0.79
F33	13 Aug 2024	33	12.05	98.16	6.8	33.35	8.0	25.3	0.91
F33	13 Aug 2024	34	12.06	98.07	6.7	33.38	8.0	25.3	1.10
F33	13 Aug 2024	35	12.06	97.41	6.7	33.39	7.9	25.3	1.33
F33	13 Aug 2024	36	12.06	97.00	6.7	33.41	7.9	25.3	1.86
F33	13 Aug 2024	37	12.06	96.66	6.6	33.41	7.9	25.3	1.84
F33	13 Aug 2024	38	12.05	96.46	6.6	33.41	7.9	25.3	1.89
F33	13 Aug 2024	39	12.05	96.47	6.5	33.41	7.9	25.3	1.78
F33	13 Aug 2024	40	11.86	96.36	6.3	33.41	7.9	25.4	2.08
F33	13 Aug 2024	41	11.68	96.45	6.1	33.41	7.9	25.4	1.55
F33	13 Aug 2024	42	11.62	97.08	6.0	33.42	7.9	25.4	1.45
F33	13 Aug 2024	43	11.60	97.91	5.9	33.42	7.9	25.4	0.98
F33	13 Aug 2024	44	11.58	98.25	5.9	33.42	7.9	25.4	0.79
F33	13 Aug 2024	45	11.50	98.19	5.8	33.43	7.9	25.5	0.68
F33	13 Aug 2024	46	11.51	98.76	5.8	33.43	7.9	25.5	0.84
F33	13 Aug 2024	47	11.45	98.73	5.7	33.44	7.9	25.5	0.62
F33	13 Aug 2024	48	11.42	99.00	5.7	33.45	7.8	25.5	0.52
F33	13 Aug 2024	49	11.41	98.96	5.6	33.46	7.8	25.5	0.49
F33	13 Aug 2024	50	11.40	99.02	5.6	33.46	7.8	25.5	0.50
F33	13 Aug 2024	51	11.34	98.97	5.6	33.47	7.8	25.5	0.47
F33	13 Aug 2024	52	11.20	98.96	5.5	33.48	7.8	25.6	0.50
F33	13 Aug 2024	53	11.10	99.27	5.5	33.50	7.8	25.6	0.39
F33	13 Aug 2024	54	11.06	99.63	5.4	33.51	7.8	25.6	0.31
F33	13 Aug 2024	55	11.06	99.57	5.3	33.51	7.8	25.6	0.32
F33	13 Aug 2024	56	11.08	99.56	5.1	33.54	7.8	25.6	0.35
F33	13 Aug 2024	57	11.02	99.33	4.9	33.56	7.8	25.7	0.38
F33	13 Aug 2024	58	10.88	99.05	4.7	33.56	7.8	25.7	0.34
F33	13 Aug 2024	59	10.81	98.14	4.7	33.56	7.8	25.7	0.24
F33	13 Aug 2024	60	10.81	97.68	4.6	33.56	7.8	25.7	0.20
F33	13 Aug 2024	61	10.82	97.63	4.6	33.56	7.8	25.7	0.19
F33	13 Aug 2024	62	10.84	97.51	4.6	33.58	7.8	25.7	0.20
F33	13 Aug 2024	63	10.86	97.41	4.6	33.58	7.8	25.7	0.24
F33	13 Aug 2024	64	10.85	97.57	4.5	33.59	7.8	25.7	0.27
F33	13 Aug 2024	65	10.85	97.35	4.5	33.59	7.8	25.7	0.28
F33	13 Aug 2024	66	10.84	97.31	4.5	33.59	7.8	25.7	0.26
F33	13 Aug 2024	67	10.81	97.16	4.4	33.59	7.7	25.7	0.25
F33	13 Aug 2024	68	10.81	96.67	4.3	33.59	7.7	25.7	0.23
F33	13 Aug 2024	69	10.78	96.62	4.3	33.59	7.7	25.7	0.19
F33	13 Aug 2024	70	10.78	96.19	4.2	33.60	7.7	25.7	0.16
F33	13 Aug 2024	71	10.77	96.34	4.2	33.60	7.7	25.7	0.16
F33	13 Aug 2024	72	10.75	96.72	4.4	33.62	7.7	25.7	0.18
F33	13 Aug 2024	73	10.74	97.78	4.4	33.64	7.7	25.8	0.20
F33	13 Aug 2024	74	10.74	98.85	4.3	33.66	7.7	25.8	0.19
F33	13 Aug 2024	75	10.74	99.20	4.3	33.66	7.7	25.8	0.26
F33	13 Aug 2024	76	10.74	98.96	4.3	33.66	7.7	25.8	0.22
F33	13 Aug 2024	77	10.73	99.00	4.2	33.67	7.7	25.8	0.25
F33	13 Aug 2024	78	10.72	99.28	4.2	33.67	7.7	25.8	0.23
F33	13 Aug 2024	79	10.72	99.11	4.2	33.67	7.7	25.8	0.23
F33	13 Aug 2024	80	10.71	98.74	4.2	33.67	7.7	25.8	0.22

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F33	13 Aug 2024	81	10.71	98.66	4.2	33.67	7.7	25.8	0.23
F33	13 Aug 2024	82	10.69	98.14	4.2	33.68	7.7	25.8	0.23
F33	13 Aug 2024	83	10.68	98.19	4.2	33.68	7.7	25.8	0.24
F33	13 Aug 2024	84	10.67	97.73	4.1	33.69	7.7	25.8	0.23
F33	13 Aug 2024	85	10.66	97.22	4.1	33.69	7.7	25.8	0.24
F33	13 Aug 2024	86	10.65	96.86	4.1	33.69	7.7	25.8	0.26
F33	13 Aug 2024	87	10.65	96.83	4.1	33.69	7.7	25.8	0.29
F33	13 Aug 2024	88	10.64	96.94	4.1	33.70	7.7	25.8	0.24
F33	13 Aug 2024	89	10.63	96.93	4.0	33.70	7.7	25.8	0.23
F33	13 Aug 2024	90	10.61	96.90	4.0	33.72	7.7	25.8	0.24
F33	13 Aug 2024	91	10.60	96.68	4.0	33.72	7.7	25.9	0.25
F33	13 Aug 2024	92	10.59	96.72	3.9	33.74	7.7	25.9	0.24
F33	13 Aug 2024	93	10.57	96.51	3.8	33.75	7.7	25.9	0.23
F33	13 Aug 2024	94	10.57	96.55	3.8	33.76	7.7	25.9	0.23
F33	13 Aug 2024	95	10.56	96.49	3.8	33.76	7.7	25.9	0.21
F33	13 Aug 2024	96	10.54	96.37	3.8	33.77	7.7	25.9	0.20
F33	13 Aug 2024	97	10.55	96.79	3.7	33.77	7.7	25.9	0.19
F33	13 Aug 2024	98	10.56	97.10	3.7	33.78	7.7	25.9	0.20
F33	13 Aug 2024	99	10.55	96.66	3.7	33.78	7.7	25.9	0.21
F33	13 Aug 2024	100	10.55	96.41	3.6	33.79	7.7	25.9	0.22
F33	13 Aug 2024	101	10.55	95.80	3.6	33.80	7.7	25.9	0.22
F33	13 Aug 2024	102	10.54	94.51	3.5	33.83	7.7	25.9	0.24
F22	15 Aug 2024	1	23.18	90.50	7.9	33.51	8.2	22.7	0.55
F22	15 Aug 2024	2	23.14	89.28	8.0	33.50	8.2	22.8	0.56
F22	15 Aug 2024	3	23.06	90.37	8.0	33.50	8.2	22.8	0.63
F22	15 Aug 2024	4	22.98	90.96	8.0	33.50	8.2	22.8	0.65
F22	15 Aug 2024	5	22.50	90.94	8.1	33.47	8.2	22.9	0.64
F22	15 Aug 2024	6	21.12	91.21	8.4	33.43	8.2	23.3	0.54
F22	15 Aug 2024	7	20.30	93.51	9.1	33.41	8.2	23.5	0.48
F22	15 Aug 2024	8	19.81	94.60	9.8	33.40	8.2	23.6	0.58
F22	15 Aug 2024	9	19.49	92.55	10.1	33.39	8.3	23.7	0.68
F22	15 Aug 2024	10	18.26	91.43	9.6	33.33	8.3	23.9	0.71
F22	15 Aug 2024	11	17.50	93.83	9.5	33.31	8.2	24.1	0.77
F22	15 Aug 2024	12	17.18	94.53	9.7	33.30	8.2	24.2	1.09
F22	15 Aug 2024	13	17.02	92.85	9.8	33.31	8.2	24.2	1.42
F22	15 Aug 2024	14	16.79	92.88	9.6	33.29	8.2	24.3	1.47
F22	15 Aug 2024	15	16.25	93.67	9.4	33.27	8.2	24.4	1.63
F22	15 Aug 2024	16	16.04	94.29	9.4	33.27	8.2	24.4	1.77
F22	15 Aug 2024	17	15.98	93.94	9.5	33.28	8.2	24.4	1.84
F22	15 Aug 2024	18	15.84	93.02	9.7	33.28	8.2	24.5	2.19
F22	15 Aug 2024	19	15.50	91.48	10.1	33.28	8.2	24.5	2.64
F22	15 Aug 2024	20	15.35	90.83	10.2	33.28	8.2	24.6	2.65
F22	15 Aug 2024	21	14.76	90.74	10.1	33.28	8.2	24.7	2.71
F22	15 Aug 2024	22	14.06	89.52	10.0	33.26	8.2	24.8	3.22
F22	15 Aug 2024	23	14.14	89.12	9.4	33.25	8.2	24.8	3.39
F22	15 Aug 2024	24	13.47	90.34	8.7	33.22	8.2	24.9	3.52
F22	15 Aug 2024	25	13.22	89.80	8.2	33.30	8.1	25.0	3.93
F22	15 Aug 2024	26	13.33	91.12	8.0	33.31	8.1	25.0	3.71
F22	15 Aug 2024	27	13.16	93.13	7.8	33.35	8.1	25.1	3.31
F22	15 Aug 2024	28	12.85	92.90	7.6	33.32	8.1	25.1	3.56
F22	15 Aug 2024	29	12.53	91.85	7.4	33.31	8.0	25.2	3.17
F22	15 Aug 2024	30	12.46	94.65	7.3	33.31	8.0	25.2	2.16
F22	15 Aug 2024	31	12.29	96.31	7.2	33.30	8.0	25.2	1.64
F22	15 Aug 2024	32	12.22	96.85	7.0	33.31	8.0	25.2	1.45
F22	15 Aug 2024	33	12.19	96.58	6.9	33.33	8.0	25.3	1.37
F22	15 Aug 2024	34	12.12	96.34	6.8	33.34	8.0	25.3	1.49
F22	15 Aug 2024	35	12.11	96.19	6.7	33.35	8.0	25.3	1.61
F22	15 Aug 2024	36	12.07	96.02	6.6	33.36	8.0	25.3	1.60
F22	15 Aug 2024	37	12.02	96.17	6.5	33.37	8.0	25.3	1.16
F22	15 Aug 2024	38	11.97	97.20	6.3	33.38	8.0	25.3	0.89

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F22	15 Aug 2024	39	11.91	97.92	6.2	33.41	7.9	25.4	0.82
F22	15 Aug 2024	40	11.85	97.04	6.0	33.43	7.9	25.4	0.95
F22	15 Aug 2024	41	11.89	95.82	5.9	33.43	7.9	25.4	0.87
F22	15 Aug 2024	42	11.87	94.11	5.7	33.45	7.9	25.4	0.89
F22	15 Aug 2024	43	11.84	92.78	5.6	33.45	7.9	25.4	0.93
F22	15 Aug 2024	44	11.74	92.61	5.7	33.45	7.9	25.4	1.02
F22	15 Aug 2024	45	11.72	94.75	5.7	33.45	7.9	25.4	0.99
F22	15 Aug 2024	46	11.64	96.91	5.7	33.46	7.9	25.5	0.82
F22	15 Aug 2024	47	11.58	97.62	5.7	33.45	7.9	25.5	0.71
F22	15 Aug 2024	48	11.55	98.20	5.7	33.45	7.9	25.5	0.68
F22	15 Aug 2024	49	11.52	98.53	5.7	33.45	7.9	25.5	0.65
F22	15 Aug 2024	50	11.47	98.77	5.7	33.44	7.9	25.5	0.61
F22	15 Aug 2024	51	11.37	98.91	5.7	33.44	7.9	25.5	0.45
F22	15 Aug 2024	52	11.34	99.11	5.7	33.46	7.9	25.5	0.46
F22	15 Aug 2024	53	11.37	99.20	5.6	33.47	7.9	25.5	0.43
F22	15 Aug 2024	54	11.37	99.15	5.4	33.49	7.9	25.5	0.52
F22	15 Aug 2024	55	11.35	99.08	5.3	33.50	7.9	25.5	0.53
F22	15 Aug 2024	56	11.32	98.99	5.3	33.51	7.8	25.6	0.43
F22	15 Aug 2024	57	11.28	98.89	5.2	33.51	7.8	25.6	0.43
F22	15 Aug 2024	58	11.19	99.00	5.2	33.52	7.8	25.6	0.42
F22	15 Aug 2024	59	11.15	99.07	5.2	33.52	7.8	25.6	0.40
F22	15 Aug 2024	60	11.06	99.12	5.2	33.51	7.8	25.6	0.36
F22	15 Aug 2024	61	10.98	99.21	5.2	33.52	7.8	25.6	0.33
F22	15 Aug 2024	62	10.99	99.26	5.1	33.53	7.8	25.6	0.33
F22	15 Aug 2024	63	10.97	98.54	4.8	33.58	7.8	25.7	0.34
F22	15 Aug 2024	64	10.97	97.59	4.6	33.58	7.8	25.7	0.30
F22	15 Aug 2024	65	10.96	97.22	4.5	33.59	7.8	25.7	0.31
F22	15 Aug 2024	66	10.95	96.78	4.4	33.59	7.8	25.7	0.33
F22	15 Aug 2024	67	10.91	96.72	4.4	33.60	7.8	25.7	0.32
F22	15 Aug 2024	68	10.89	96.60	4.4	33.60	7.8	25.7	0.29
F22	15 Aug 2024	69	10.86	96.74	4.4	33.60	7.8	25.7	0.29
F22	15 Aug 2024	70	10.81	97.24	4.3	33.61	7.8	25.7	0.28
F22	15 Aug 2024	71	10.78	97.39	4.3	33.63	7.8	25.7	0.25
F22	15 Aug 2024	72	10.77	95.89	4.2	33.64	7.8	25.8	0.28
F22	15 Aug 2024	73	10.77	94.02	4.1	33.64	7.8	25.8	0.32
F22	15 Aug 2024	74	10.77	93.33	4.1	33.64	7.8	25.8	0.30
F22	15 Aug 2024	75	10.77	92.80	4.1	33.64	7.8	25.8	0.31
F22	15 Aug 2024	76	10.77	92.41	4.1	33.64	7.8	25.8	0.32
F22	15 Aug 2024	77	10.77	92.16	4.0	33.64	7.8	25.8	0.35
F22	15 Aug 2024	78	10.76	91.56	4.0	33.64	7.7	25.8	0.34
F22	15 Aug 2024	79	10.76	90.41	4.0	33.64	7.7	25.8	0.33
F22	15 Aug 2024	80	10.76	90.08	4.0	33.64	7.7	25.8	0.34
F22	15 Aug 2024	81	10.76	85.69	4.0	33.64	7.7	25.8	0.35
F11	14 Aug 2024	1	22.61	86.93	8.4	33.48	8.2	22.9	0.92
F11	14 Aug 2024	2	22.01	86.79	8.7	33.48	8.2	23.1	0.94
F11	14 Aug 2024	3	21.16	87.18	9.5	33.46	8.3	23.3	0.93
F11	14 Aug 2024	4	20.60	87.24	9.7	33.45	8.3	23.4	1.02
F11	14 Aug 2024	5	19.97	86.73	9.9	33.45	8.3	23.6	1.28
F11	14 Aug 2024	6	18.97	85.85	10.2	33.44	8.3	23.8	1.91
F11	14 Aug 2024	7	18.38	79.54	10.5	33.42	8.3	24.0	2.84
F11	14 Aug 2024	8	17.66	76.95	10.6	33.40	8.3	24.1	3.54
F11	14 Aug 2024	9	16.68	77.49	10.8	33.38	8.3	24.3	4.37
F11	14 Aug 2024	10	16.03	77.38	10.4	33.41	8.3	24.5	5.46
F11	14 Aug 2024	11	15.85	76.86	9.7	33.41	8.2	24.6	5.93
F11	14 Aug 2024	12	15.65	77.37	9.5	33.40	8.2	24.6	5.74
F11	14 Aug 2024	13	15.64	78.09	9.4	33.40	8.2	24.6	5.52
F11	14 Aug 2024	14	15.63	78.44	9.3	33.41	8.2	24.6	5.29
F11	14 Aug 2024	15	15.62	78.68	9.2	33.41	8.2	24.6	5.16
F11	14 Aug 2024	16	15.61	79.04	9.0	33.42	8.2	24.6	5.13
F11	14 Aug 2024	17	15.40	79.47	8.7	33.41	8.2	24.7	4.79

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F11	14 Aug 2024	18	14.85	80.27	8.6	33.41	8.1	24.8	4.42
F11	14 Aug 2024	19	14.69	82.14	8.7	33.40	8.1	24.8	4.13
F11	14 Aug 2024	20	14.31	82.75	8.9	33.38	8.1	24.9	3.88
F11	14 Aug 2024	21	13.81	84.05	8.7	33.38	8.2	25.0	3.82
F11	14 Aug 2024	22	13.71	85.55	8.1	33.41	8.1	25.0	3.54
F11	14 Aug 2024	23	13.65	86.23	7.7	33.42	8.1	25.0	3.14
F11	14 Aug 2024	24	13.60	86.58	7.5	33.42	8.0	25.0	2.95
F11	14 Aug 2024	25	13.56	87.08	7.3	33.42	8.0	25.1	2.67
F11	14 Aug 2024	26	13.48	87.39	7.2	33.42	8.0	25.1	2.67
F11	14 Aug 2024	27	13.31	87.59	7.2	33.42	8.0	25.1	2.74
F11	14 Aug 2024	28	13.04	87.82	7.1	33.42	8.0	25.2	2.62
F11	14 Aug 2024	29	12.90	88.31	7.0	33.41	8.0	25.2	2.57
F11	14 Aug 2024	30	12.68	89.01	6.8	33.41	8.0	25.2	2.63
F11	14 Aug 2024	31	12.55	89.45	6.8	33.41	8.0	25.2	2.61
F11	14 Aug 2024	32	12.55	89.82	6.7	33.40	8.0	25.2	2.56
F11	14 Aug 2024	33	12.49	89.64	6.7	33.40	8.0	25.3	2.99
F11	14 Aug 2024	34	12.50	89.09	6.6	33.41	8.0	25.3	3.30
F11	14 Aug 2024	35	12.49	88.91	6.6	33.41	8.0	25.3	3.48
F11	14 Aug 2024	36	12.48	88.56	6.5	33.40	8.0	25.3	3.59
F11	14 Aug 2024	37	12.38	88.45	6.5	33.40	8.0	25.3	3.52
F11	14 Aug 2024	38	12.37	89.33	6.5	33.40	8.0	25.3	3.09
F11	14 Aug 2024	39	12.37	90.50	6.5	33.40	8.0	25.3	2.88
F11	14 Aug 2024	40	12.41	90.62	6.4	33.42	8.0	25.3	2.51
F11	14 Aug 2024	41	12.44	91.30	6.4	33.43	7.9	25.3	2.25
F11	14 Aug 2024	42	12.41	91.15	6.3	33.42	7.9	25.3	2.08
F11	14 Aug 2024	43	12.29	91.63	6.4	33.41	8.0	25.3	2.32
F11	14 Aug 2024	44	12.20	92.44	6.3	33.43	7.9	25.3	2.42
F11	14 Aug 2024	45	12.15	92.42	6.2	33.44	7.9	25.3	2.27
F11	14 Aug 2024	46	12.11	92.53	6.1	33.44	7.9	25.4	2.00
F11	14 Aug 2024	47	12.09	92.10	6.0	33.44	7.9	25.4	2.08
F11	14 Aug 2024	48	12.11	92.24	6.0	33.44	7.9	25.4	1.76
F11	14 Aug 2024	49	12.08	92.38	6.0	33.44	7.9	25.4	1.74
F11	14 Aug 2024	50	12.06	92.43	6.0	33.44	7.9	25.4	1.63
F11	14 Aug 2024	51	12.04	92.67	5.9	33.45	7.9	25.4	1.54
F11	14 Aug 2024	52	12.01	92.69	5.9	33.45	7.9	25.4	1.41
F11	14 Aug 2024	53	12.00	92.89	5.8	33.45	7.9	25.4	1.28
F11	14 Aug 2024	54	12.00	92.58	5.8	33.45	7.9	25.4	1.28
F11	14 Aug 2024	55	12.00	92.40	5.8	33.45	7.9	25.4	1.32
F11	14 Aug 2024	56	12.00	92.06	5.8	33.45	7.9	25.4	1.46
F11	14 Aug 2024	57	12.00	91.84	5.8	33.45	7.9	25.4	1.39
F11	14 Aug 2024	58	11.99	91.51	5.7	33.45	7.9	25.4	1.38
F11	14 Aug 2024	59	11.94	90.83	5.7	33.46	7.9	25.4	1.17
F11	14 Aug 2024	60	11.90	88.55	5.6	33.46	7.9	25.4	1.23
F11	14 Aug 2024	61	11.94	73.54	5.6	33.46	7.9	25.4	1.33
F34	13 Aug 2024	1	22.91	92.39	7.2	33.50	8.1	22.8	0.61
F34	13 Aug 2024	2	22.21	93.61	7.4	33.46	8.1	23.0	0.54
F34	13 Aug 2024	3	20.16	95.37	9.1	33.44	8.2	23.5	0.53
F34	13 Aug 2024	4	19.41	93.35	10.7	33.43	8.3	23.7	1.27
F34	13 Aug 2024	5	19.08	86.05	11.3	33.42	8.3	23.8	2.42
F34	13 Aug 2024	6	19.03	79.17	11.4	33.42	8.3	23.8	3.09
F34	13 Aug 2024	7	19.02	75.65	11.3	33.42	8.3	23.8	3.51
F34	13 Aug 2024	8	18.73	77.20	10.8	33.41	8.3	23.9	3.86
F34	13 Aug 2024	9	17.59	77.79	11.3	33.41	8.3	24.2	4.41
F34	13 Aug 2024	10	16.58	78.51	11.5	33.41	8.3	24.4	5.48
F34	13 Aug 2024	11	15.48	75.87	10.9	33.39	8.3	24.6	6.13
F34	13 Aug 2024	12	14.83	75.95	10.2	33.39	8.2	24.8	5.78
F34	13 Aug 2024	13	14.45	78.08	9.6	33.38	8.2	24.8	5.39
F34	13 Aug 2024	14	13.83	80.02	9.0	33.35	8.1	25.0	4.54
F34	13 Aug 2024	15	13.62	83.59	8.6	33.34	8.1	25.0	4.14
F34	13 Aug 2024	16	13.51	85.63	8.4	33.34	8.1	25.0	4.14

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F34	13 Aug 2024	17	13.44	86.51	8.3	33.34	8.1	25.0	4.62
F34	13 Aug 2024	18	13.31	86.62	8.1	33.31	8.1	25.0	4.72
F34	13 Aug 2024	19	13.13	86.93	8.0	33.30	8.0	25.1	4.78
F34	13 Aug 2024	20	13.13	86.68	7.8	33.31	8.0	25.1	4.82
F34	13 Aug 2024	21	12.94	87.46	7.7	33.29	8.0	25.1	5.56
F34	13 Aug 2024	22	12.89	87.43	7.6	33.28	8.0	25.1	6.55
F34	13 Aug 2024	23	12.85	86.42	7.5	33.27	8.0	25.1	6.78
F34	13 Aug 2024	24	12.75	85.38	7.4	33.27	8.0	25.1	8.99
F34	13 Aug 2024	25	12.75	82.88	7.3	33.27	8.0	25.1	10.64
F34	13 Aug 2024	26	12.54	74.84	7.2	33.26	8.0	25.1	7.24
F34	13 Aug 2024	27	12.51	87.54	7.2	33.26	8.0	25.1	2.78
F34	13 Aug 2024	28	12.47	95.13	7.2	33.26	8.0	25.1	1.51
F34	13 Aug 2024	29	12.43	97.44	7.1	33.27	8.0	25.2	1.03
F34	13 Aug 2024	30	12.40	97.43	7.1	33.27	8.0	25.2	0.92
F34	13 Aug 2024	31	12.35	97.71	7.1	33.27	8.0	25.2	0.94
F34	13 Aug 2024	32	12.33	98.01	7.0	33.28	8.0	25.2	0.80
F34	13 Aug 2024	33	12.33	98.25	7.0	33.28	8.0	25.2	0.71
F34	13 Aug 2024	34	12.30	98.34	7.0	33.28	8.0	25.2	0.73
F34	13 Aug 2024	35	12.28	98.39	7.0	33.29	8.0	25.2	0.75
F34	13 Aug 2024	36	12.25	98.37	7.0	33.29	8.0	25.2	0.62
F34	13 Aug 2024	37	12.23	98.27	6.9	33.31	8.0	25.2	0.68
F34	13 Aug 2024	38	12.21	98.34	6.8	33.33	8.0	25.3	0.75
F34	13 Aug 2024	39	12.19	98.30	6.8	33.35	8.0	25.3	0.96
F34	13 Aug 2024	40	12.18	97.94	6.7	33.36	8.0	25.3	0.97
F34	13 Aug 2024	41	12.08	97.52	6.6	33.39	7.9	25.3	1.14
F34	13 Aug 2024	42	11.98	97.13	6.5	33.39	7.9	25.3	1.54
F34	13 Aug 2024	43	11.96	96.64	6.4	33.40	7.9	25.4	1.75
F34	13 Aug 2024	44	11.95	96.32	6.3	33.40	7.9	25.4	1.78
F34	13 Aug 2024	45	11.83	96.36	6.1	33.43	7.9	25.4	1.80
F34	13 Aug 2024	46	11.69	96.19	5.9	33.46	7.9	25.5	2.08
F34	13 Aug 2024	47	11.60	96.49	5.7	33.47	7.9	25.5	1.54
F34	13 Aug 2024	48	11.55	97.05	5.6	33.47	7.8	25.5	1.31
F34	13 Aug 2024	49	11.44	97.58	5.5	33.48	7.8	25.5	1.07
F34	13 Aug 2024	50	11.39	98.04	5.4	33.49	7.8	25.5	0.76
F34	13 Aug 2024	51	11.34	98.40	5.3	33.50	7.8	25.5	0.69
F34	13 Aug 2024	52	11.27	98.45	5.3	33.51	7.8	25.6	0.59
F34	13 Aug 2024	53	11.18	98.72	5.3	33.51	7.8	25.6	0.52
F34	13 Aug 2024	54	11.19	98.99	5.2	33.52	7.8	25.6	0.52
F34	13 Aug 2024	55	11.17	98.91	5.1	33.54	7.8	25.6	0.55
F34	13 Aug 2024	56	11.13	98.72	5.0	33.55	7.8	25.6	0.52
F34	13 Aug 2024	57	11.11	98.47	4.9	33.55	7.8	25.6	0.52
F34	13 Aug 2024	58	11.11	98.23	4.9	33.55	7.8	25.6	0.51
F34	13 Aug 2024	59	11.11	98.05	4.8	33.56	7.8	25.6	0.53
F34	13 Aug 2024	60	11.12	97.72	4.8	33.56	7.8	25.6	0.53
F34	13 Aug 2024	61	11.12	97.19	4.6	33.57	7.8	25.6	0.53
F34	13 Aug 2024	62	11.10	96.67	4.6	33.57	7.8	25.6	0.65
F34	13 Aug 2024	63	11.08	95.71	4.6	33.58	7.8	25.7	0.51
F34	13 Aug 2024	64	11.07	95.81	4.5	33.58	7.8	25.7	0.48
F34	13 Aug 2024	65	11.04	95.72	4.5	33.58	7.8	25.7	0.54
F34	13 Aug 2024	66	10.97	95.77	4.5	33.58	7.8	25.7	0.45
F34	13 Aug 2024	67	10.91	95.92	4.5	33.58	7.8	25.7	0.35
F34	13 Aug 2024	68	10.84	96.60	4.5	33.59	7.8	25.7	0.31
F34	13 Aug 2024	69	10.83	97.28	4.5	33.58	7.8	25.7	0.28
F34	13 Aug 2024	70	10.79	97.32	4.4	33.60	7.8	25.7	0.24
F34	13 Aug 2024	71	10.77	97.15	4.3	33.61	7.7	25.7	0.22
F34	13 Aug 2024	72	10.74	97.12	4.3	33.63	7.7	25.8	0.24
F34	13 Aug 2024	73	10.74	96.93	4.3	33.63	7.7	25.8	0.26
F34	13 Aug 2024	74	10.74	96.65	4.3	33.63	7.7	25.8	0.29
F34	13 Aug 2024	75	10.74	96.43	4.3	33.63	7.7	25.8	0.34
F34	13 Aug 2024	76	10.74	96.20	4.3	33.63	7.7	25.8	0.33
F34	13 Aug 2024	77	10.74	96.39	4.3	33.63	7.7	25.8	0.30

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F34	13 Aug 2024	78	10.74	96.40	4.3	33.63	7.7	25.8	0.29
F34	13 Aug 2024	79	10.74	96.44	4.3	33.63	7.7	25.8	0.29
F34	13 Aug 2024	80	10.74	96.20	4.3	33.63	7.7	25.8	0.29
F34	13 Aug 2024	81	10.74	95.92	4.3	33.63	7.7	25.8	0.29
F34	13 Aug 2024	82	10.74	95.93	4.3	33.63	7.7	25.8	0.34
F34	13 Aug 2024	83	10.73	95.98	4.2	33.64	7.7	25.8	0.46
F34	13 Aug 2024	84	10.73	95.67	4.2	33.64	7.7	25.8	0.38
F34	13 Aug 2024	85	10.71	95.39	4.2	33.65	7.7	25.8	0.34
F34	13 Aug 2024	86	10.70	95.46	4.2	33.65	7.7	25.8	0.32
F34	13 Aug 2024	87	10.68	95.54	4.2	33.66	7.7	25.8	0.29
F34	13 Aug 2024	88	10.67	96.20	4.2	33.66	7.7	25.8	0.28
F34	13 Aug 2024	89	10.67	96.54	4.2	33.66	7.7	25.8	0.29
F34	13 Aug 2024	90	10.66	96.00	4.1	33.67	7.7	25.8	0.29
F34	13 Aug 2024	91	10.64	95.82	4.0	33.69	7.7	25.8	0.29
F34	13 Aug 2024	92	10.63	95.38	4.0	33.70	7.7	25.8	0.28
F34	13 Aug 2024	93	10.62	95.23	4.0	33.70	7.7	25.8	0.28
F34	13 Aug 2024	94	10.61	95.17	3.9	33.71	7.7	25.8	0.28
F34	13 Aug 2024	95	10.61	95.25	3.9	33.72	7.7	25.8	0.29
F34	13 Aug 2024	96	10.61	94.92	3.9	33.72	7.7	25.9	0.29
F34	13 Aug 2024	97	10.60	94.82	3.8	33.73	7.7	25.9	0.28
F34	13 Aug 2024	98	10.60	94.48	3.8	33.73	7.7	25.9	0.28
F34	13 Aug 2024	99	10.60	94.28	3.8	33.73	7.7	25.9	0.27
F34	13 Aug 2024	100	10.60	94.43	3.8	33.73	7.7	25.9	0.27
F34	13 Aug 2024	101	10.60	94.50	3.8	33.74	7.7	25.9	0.28
F23	15 Aug 2024	1	22.65	89.01	8.4	33.49	8.2	22.9	0.69
F23	15 Aug 2024	2	22.57	88.93	8.4	33.49	8.2	22.9	0.76
F23	15 Aug 2024	3	22.54	88.72	8.4	33.49	8.2	22.9	0.83
F23	15 Aug 2024	4	22.37	89.19	8.6	33.47	8.2	23.0	0.90
F23	15 Aug 2024	5	21.55	88.30	9.3	33.46	8.2	23.2	1.08
F23	15 Aug 2024	6	21.34	86.31	9.7	33.44	8.2	23.2	1.32
F23	15 Aug 2024	7	20.04	84.93	11.0	33.41	8.3	23.5	2.16
F23	15 Aug 2024	8	19.52	81.64	11.6	33.41	8.3	23.7	3.12
F23	15 Aug 2024	9	18.54	80.12	10.9	33.38	8.3	23.9	3.46
F23	15 Aug 2024	10	16.93	84.37	9.8	33.29	8.2	24.2	3.57
F23	15 Aug 2024	11	16.57	89.27	9.7	33.29	8.2	24.3	3.39
F23	15 Aug 2024	12	16.48	89.77	9.8	33.29	8.2	24.3	3.20
F23	15 Aug 2024	13	16.27	89.85	9.7	33.28	8.2	24.4	2.72
F23	15 Aug 2024	14	16.10	92.00	9.7	33.28	8.2	24.4	2.23
F23	15 Aug 2024	15	15.83	92.48	10.1	33.29	8.2	24.5	2.22
F23	15 Aug 2024	16	15.15	90.61	10.7	33.26	8.3	24.6	2.46
F23	15 Aug 2024	17	14.77	89.43	10.5	33.23	8.3	24.7	2.38
F23	15 Aug 2024	18	14.08	90.15	9.8	33.20	8.2	24.8	2.16
F23	15 Aug 2024	19	13.78	92.97	9.1	33.21	8.2	24.8	2.03
F23	15 Aug 2024	20	13.71	94.29	8.8	33.24	8.1	24.9	1.85
F23	15 Aug 2024	21	13.84	93.18	8.9	33.30	8.1	24.9	1.93
F23	15 Aug 2024	22	13.82	90.70	8.9	33.36	8.1	25.0	2.35
F23	15 Aug 2024	23	13.59	90.47	8.7	33.37	8.1	25.0	2.48
F23	15 Aug 2024	24	13.46	91.42	8.5	33.38	8.1	25.0	2.39
F23	15 Aug 2024	25	13.29	92.34	8.1	33.36	8.1	25.1	2.23
F23	15 Aug 2024	26	12.69	93.04	7.5	33.33	8.0	25.2	2.32
F23	15 Aug 2024	27	12.50	93.75	7.1	33.31	8.0	25.2	2.33
F23	15 Aug 2024	28	12.43	93.88	7.0	33.30	8.0	25.2	1.58
F23	15 Aug 2024	29	12.36	96.69	6.9	33.30	8.0	25.2	1.04
F23	15 Aug 2024	30	12.37	97.76	6.8	33.30	8.0	25.2	0.78
F23	15 Aug 2024	31	12.22	97.64	6.7	33.33	8.0	25.2	0.84
F23	15 Aug 2024	32	12.17	97.50	6.6	33.37	8.0	25.3	0.82
F23	15 Aug 2024	33	12.23	96.74	6.4	33.40	8.0	25.3	0.75
F23	15 Aug 2024	34	12.26	95.00	6.2	33.41	7.9	25.3	0.87
F23	15 Aug 2024	35	12.24	93.81	6.2	33.42	7.9	25.3	0.96
F23	15 Aug 2024	36	12.19	93.42	6.1	33.43	7.9	25.3	0.98

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F23	15 Aug 2024	37	12.10	93.01	6.0	33.44	7.9	25.4	0.96
F23	15 Aug 2024	38	12.08	93.16	6.0	33.43	7.9	25.4	0.96
F23	15 Aug 2024	39	12.07	93.31	6.0	33.43	7.9	25.4	0.91
F23	15 Aug 2024	40	11.90	93.65	6.0	33.41	7.9	25.4	0.87
F23	15 Aug 2024	41	11.88	95.49	6.0	33.42	7.9	25.4	0.92
F23	15 Aug 2024	42	11.81	95.45	6.0	33.42	7.9	25.4	0.88
F23	15 Aug 2024	43	11.74	97.03	5.9	33.43	7.9	25.4	0.92
F23	15 Aug 2024	44	11.72	97.19	5.8	33.44	7.9	25.4	1.32
F23	15 Aug 2024	45	11.71	97.18	5.8	33.45	7.9	25.4	1.16
F23	15 Aug 2024	46	11.68	96.99	5.7	33.46	7.9	25.5	0.99
F23	15 Aug 2024	47	11.69	97.07	5.7	33.46	7.9	25.5	0.98
F23	15 Aug 2024	48	11.66	97.01	5.7	33.47	7.9	25.5	0.88
F23	15 Aug 2024	49	11.64	97.14	5.6	33.48	7.9	25.5	0.86
F23	15 Aug 2024	50	11.62	97.37	5.6	33.48	7.9	25.5	1.01
F23	15 Aug 2024	51	11.62	97.31	5.6	33.49	7.9	25.5	1.09
F23	15 Aug 2024	52	11.61	97.16	5.6	33.48	7.9	25.5	1.01
F23	15 Aug 2024	53	11.58	97.20	5.5	33.49	7.9	25.5	0.92
F23	15 Aug 2024	54	11.57	97.45	5.5	33.50	7.9	25.5	0.99
F23	15 Aug 2024	55	11.56	97.41	5.4	33.50	7.9	25.5	1.15
F23	15 Aug 2024	56	11.56	97.01	5.4	33.50	7.9	25.5	1.16
F23	15 Aug 2024	57	11.50	97.02	5.3	33.51	7.9	25.5	0.93
F23	15 Aug 2024	58	11.46	97.44	5.2	33.52	7.8	25.5	0.79
F23	15 Aug 2024	59	11.45	97.45	5.2	33.52	7.8	25.5	0.76
F23	15 Aug 2024	60	11.42	96.99	5.1	33.52	7.8	25.5	0.92
F23	15 Aug 2024	61	11.42	95.87	5.1	33.52	7.8	25.5	0.77
F23	15 Aug 2024	62	11.40	96.15	5.1	33.52	7.8	25.6	0.69
F23	15 Aug 2024	63	11.38	96.50	5.1	33.52	7.8	25.6	0.64
F23	15 Aug 2024	64	11.37	97.12	5.1	33.52	7.8	25.6	0.60
F23	15 Aug 2024	65	11.36	97.21	5.0	33.53	7.8	25.6	0.56
F23	15 Aug 2024	66	11.33	96.71	5.0	33.53	7.8	25.6	0.62
F23	15 Aug 2024	67	11.31	96.77	5.0	33.53	7.8	25.6	0.64
F23	15 Aug 2024	68	11.29	97.66	5.0	33.53	7.8	25.6	0.55
F23	15 Aug 2024	69	11.24	98.19	5.0	33.53	7.8	25.6	0.43
F23	15 Aug 2024	70	11.20	98.59	4.9	33.54	7.8	25.6	0.43
F23	15 Aug 2024	71	11.17	98.40	4.8	33.55	7.8	25.6	0.42
F23	15 Aug 2024	72	11.15	97.65	4.6	33.56	7.8	25.6	0.47
F23	15 Aug 2024	73	11.13	96.14	4.5	33.56	7.8	25.6	0.46
F23	15 Aug 2024	74	11.03	94.11	4.3	33.59	7.8	25.7	0.46
F23	15 Aug 2024	75	10.94	92.67	4.1	33.60	7.7	25.7	0.53
F23	15 Aug 2024	76	10.87	91.12	4.0	33.61	7.7	25.7	0.46
F23	15 Aug 2024	77	10.84	91.03	4.1	33.62	7.7	25.7	0.46
F23	15 Aug 2024	78	10.80	91.48	4.0	33.62	7.7	25.7	0.41
F23	15 Aug 2024	79	10.80	91.49	4.0	33.63	7.7	25.7	0.46
F23	15 Aug 2024	80	10.79	90.15	3.9	33.63	7.7	25.7	0.45
F23	15 Aug 2024	81	10.77	88.39	3.8	33.64	7.7	25.8	0.49
F23	15 Aug 2024	82	10.77	86.21	3.8	33.64	7.7	25.8	0.53
F12	14 Aug 2024	1	22.15	76.52	9.7	33.47	8.3	23.0	2.13
F12	14 Aug 2024	2	22.12	76.54	9.7	33.46	8.3	23.0	2.24
F12	14 Aug 2024	3	21.61	76.98	9.8	33.46	8.3	23.2	2.47
F12	14 Aug 2024	4	21.00	77.92	10.2	33.44	8.3	23.3	2.87
F12	14 Aug 2024	5	19.70	77.63	10.8	33.42	8.3	23.6	4.68
F12	14 Aug 2024	6	18.66	73.55	10.9	33.43	8.3	23.9	6.68
F12	14 Aug 2024	7	18.26	70.03	10.8	33.40	8.3	24.0	7.98
F12	14 Aug 2024	8	17.16	66.54	10.8	33.38	8.3	24.2	8.20
F12	14 Aug 2024	9	17.25	66.81	10.4	33.39	8.2	24.2	7.70
F12	14 Aug 2024	10	16.12	70.06	10.1	33.39	8.2	24.5	6.94
F12	14 Aug 2024	11	15.96	74.27	9.9	33.40	8.2	24.5	6.38
F12	14 Aug 2024	12	15.94	75.34	9.9	33.40	8.2	24.5	5.98
F12	14 Aug 2024	13	15.54	75.58	9.9	33.38	8.2	24.6	5.79
F12	14 Aug 2024	14	14.93	76.84	9.8	33.38	8.2	24.7	5.26

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F12	14 Aug 2024	15	14.85	79.43	9.4	33.39	8.2	24.8	5.00
F12	14 Aug 2024	16	14.86	80.54	9.2	33.39	8.2	24.8	4.82
F12	14 Aug 2024	17	14.86	80.67	9.1	33.40	8.2	24.8	4.81
F12	14 Aug 2024	18	14.81	80.80	9.0	33.40	8.1	24.8	4.80
F12	14 Aug 2024	19	14.71	80.98	9.0	33.40	8.2	24.8	4.89
F12	14 Aug 2024	20	14.50	81.20	8.6	33.41	8.1	24.9	4.55
F12	14 Aug 2024	21	14.26	82.33	8.2	33.42	8.1	24.9	4.03
F12	14 Aug 2024	22	14.20	84.27	8.0	33.42	8.1	24.9	3.61
F12	14 Aug 2024	23	14.17	85.21	8.0	33.42	8.1	24.9	3.63
F12	14 Aug 2024	24	14.17	85.52	8.0	33.42	8.1	24.9	3.65
F12	14 Aug 2024	25	14.16	85.48	8.1	33.42	8.1	24.9	3.74
F12	14 Aug 2024	26	14.15	85.25	8.1	33.42	8.1	24.9	3.78
F12	14 Aug 2024	27	14.06	85.16	8.0	33.42	8.1	25.0	3.87
F12	14 Aug 2024	28	13.88	85.23	7.7	33.43	8.1	25.0	3.61
F12	14 Aug 2024	29	13.36	85.98	7.5	33.42	8.0	25.1	3.24
F12	14 Aug 2024	30	13.10	87.13	7.4	33.42	8.0	25.1	2.90
F12	14 Aug 2024	31	13.09	87.89	7.3	33.42	8.0	25.1	2.67
F12	14 Aug 2024	32	13.07	88.38	7.3	33.42	8.0	25.2	2.58
F12	14 Aug 2024	33	13.06	88.53	7.3	33.42	8.0	25.2	2.67
F12	14 Aug 2024	34	13.05	88.40	7.2	33.42	8.0	25.2	2.71
F12	14 Aug 2024	35	13.02	88.21	7.2	33.41	8.0	25.2	2.71
F12	14 Aug 2024	36	12.88	87.95	7.1	33.41	8.0	25.2	2.79
F12	14 Aug 2024	37	12.83	87.80	7.1	33.41	8.0	25.2	2.76
F12	14 Aug 2024	38	12.84	87.99	7.0	33.41	8.0	25.2	2.71
F12	14 Aug 2024	39	12.85	87.82	7.0	33.42	8.0	25.2	2.74
F12	14 Aug 2024	40	12.83	87.98	7.0	33.42	8.0	25.2	2.74
F12	14 Aug 2024	41	12.82	88.08	7.0	33.42	8.0	25.2	2.57
F12	14 Aug 2024	42	12.79	88.03	6.9	33.42	8.0	25.2	2.86
F12	14 Aug 2024	43	12.77	87.99	6.9	33.42	8.0	25.2	2.67
F12	14 Aug 2024	44	12.60	88.38	6.8	33.41	8.0	25.2	2.64
F12	14 Aug 2024	45	12.47	89.10	6.6	33.42	8.0	25.3	2.61
F12	14 Aug 2024	46	12.40	90.20	6.4	33.43	7.9	25.3	2.50
F12	14 Aug 2024	47	12.32	90.41	6.3	33.43	7.9	25.3	2.38
F12	14 Aug 2024	48	12.26	91.81	6.2	33.43	7.9	25.3	2.32
F12	14 Aug 2024	49	12.20	92.63	6.1	33.44	7.9	25.3	3.05
F12	14 Aug 2024	50	12.17	90.77	6.0	33.44	7.9	25.3	3.17
F12	14 Aug 2024	51	12.13	89.82	6.0	33.44	7.9	25.4	2.47
F12	14 Aug 2024	52	12.11	91.26	6.0	33.44	7.9	25.4	1.85
F12	14 Aug 2024	53	12.08	92.34	6.0	33.45	7.9	25.4	1.56
F12	14 Aug 2024	54	12.04	93.02	6.0	33.44	7.9	25.4	1.33
F12	14 Aug 2024	55	12.02	93.45	6.0	33.44	7.9	25.4	1.29
F12	14 Aug 2024	56	12.02	93.55	6.0	33.45	7.9	25.4	1.44
F12	14 Aug 2024	57	12.02	93.60	6.0	33.45	7.9	25.4	1.28
F12	14 Aug 2024	58	12.02	93.51	6.0	33.45	7.9	25.4	1.36
F12	14 Aug 2024	59	12.02	93.48	5.9	33.45	7.9	25.4	1.28
F12	14 Aug 2024	60	11.98	93.19	5.7	33.46	7.9	25.4	1.26
F12	14 Aug 2024	61	11.94	89.80	5.6	33.47	7.9	25.4	1.27
F12	14 Aug 2024	62	11.92	80.26	5.5	33.46	7.9	25.4	1.57
F02	14 Aug 2024	1	21.41	75.16	9.0	33.46	8.2	23.2	3.17
F02	14 Aug 2024	2	21.34	67.43	9.7	33.46	8.2	23.2	3.72
F02	14 Aug 2024	3	21.11	71.40	10.0	33.46	8.3	23.3	5.89
F02	14 Aug 2024	4	20.81	67.74	10.3	33.45	8.3	23.4	8.97
F02	14 Aug 2024	5	20.52	66.79	10.9	33.45	8.3	23.4	10.96
F02	14 Aug 2024	6	20.28	65.88	11.4	33.45	8.3	23.5	10.93
F02	14 Aug 2024	7	19.98	65.84	11.5	33.44	8.3	23.6	10.39
F02	14 Aug 2024	8	19.36	65.90	11.7	33.43	8.3	23.7	10.16
F02	14 Aug 2024	9	18.89	65.24	12.0	33.43	8.3	23.8	9.05
F02	14 Aug 2024	10	18.83	66.36	12.1	33.43	8.3	23.9	8.43
F02	14 Aug 2024	11	18.59	66.71	12.1	33.43	8.3	23.9	8.52
F02	14 Aug 2024	12	18.20	66.56	12.2	33.42	8.3	24.0	8.24

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F02	14 Aug 2024	13	17.86	66.56	12.3	33.42	8.3	24.1	8.26
F02	14 Aug 2024	14	17.47	66.26	12.3	33.42	8.3	24.2	8.80
F02	14 Aug 2024	15	17.26	63.51	12.0	33.42	8.3	24.2	9.57
F02	14 Aug 2024	16	16.92	63.26	11.0	33.41	8.3	24.3	9.99
F02	14 Aug 2024	17	16.00	71.38	9.8	33.41	8.2	24.5	8.11
F02	14 Aug 2024	18	15.89	75.86	9.0	33.40	8.2	24.5	7.05
F02	14 Aug 2024	19	14.92	77.30	8.6	33.41	8.1	24.8	5.83
F02	14 Aug 2024	20	15.67	80.62	8.9	33.41	8.1	24.6	5.46
F35	13 Aug 2024	1	22.99	96.06	7.2	33.50	8.1	22.8	0.45
F35	13 Aug 2024	2	23.02	96.02	7.2	33.49	8.1	22.8	0.45
F35	13 Aug 2024	3	22.75	96.07	7.1	33.48	8.1	22.9	0.40
F35	13 Aug 2024	4	21.81	96.40	7.3	33.46	8.1	23.1	0.28
F35	13 Aug 2024	5	20.77	97.63	7.5	33.41	8.1	23.3	0.21
F35	13 Aug 2024	6	18.81	98.28	8.1	33.34	8.1	23.8	0.20
F35	13 Aug 2024	7	17.71	97.78	8.5	33.31	8.1	24.0	0.21
F35	13 Aug 2024	8	17.33	97.68	8.6	33.29	8.1	24.1	0.21
F35	13 Aug 2024	9	16.97	97.88	8.6	33.28	8.1	24.2	0.21
F35	13 Aug 2024	10	16.40	97.88	8.8	33.27	8.1	24.3	0.23
F35	13 Aug 2024	11	16.32	97.73	8.8	33.27	8.1	24.3	0.27
F35	13 Aug 2024	12	16.15	97.56	8.9	33.27	8.1	24.4	0.34
F35	13 Aug 2024	13	16.11	96.87	9.2	33.29	8.2	24.4	0.68
F35	13 Aug 2024	14	15.97	93.24	9.7	33.37	8.2	24.5	2.03
F35	13 Aug 2024	15	15.00	80.18	9.8	33.40	8.2	24.7	4.24
F35	13 Aug 2024	16	14.24	75.45	9.3	33.38	8.2	24.9	4.48
F35	13 Aug 2024	17	14.01	80.95	9.0	33.36	8.1	24.9	4.30
F35	13 Aug 2024	18	13.90	83.30	8.7	33.35	8.1	24.9	4.25
F35	13 Aug 2024	19	13.45	84.40	8.3	33.32	8.1	25.0	3.87
F35	13 Aug 2024	20	13.38	88.12	8.1	33.33	8.1	25.0	3.17
F35	13 Aug 2024	21	13.49	89.09	8.0	33.33	8.1	25.0	2.98
F35	13 Aug 2024	22	13.19	90.18	7.8	33.33	8.0	25.1	2.64
F35	13 Aug 2024	23	13.04	90.91	7.6	33.33	8.0	25.1	2.41
F35	13 Aug 2024	24	12.89	91.72	7.5	33.30	8.0	25.1	3.00
F35	13 Aug 2024	25	12.74	91.98	7.4	33.28	8.0	25.1	2.96
F35	13 Aug 2024	26	12.59	92.07	7.3	33.27	8.0	25.1	1.81
F35	13 Aug 2024	27	12.55	95.61	7.3	33.27	8.0	25.1	1.20
F35	13 Aug 2024	28	12.50	96.93	7.2	33.27	8.0	25.1	0.96
F35	13 Aug 2024	29	12.40	97.02	7.1	33.27	8.0	25.2	0.90
F35	13 Aug 2024	30	12.30	97.56	7.0	33.28	8.0	25.2	0.73
F35	13 Aug 2024	31	12.28	97.88	7.0	33.28	8.0	25.2	0.80
F35	13 Aug 2024	32	12.13	97.83	6.8	33.30	8.0	25.2	0.70
F35	13 Aug 2024	33	11.97	97.82	6.7	33.38	8.0	25.3	1.03
F35	13 Aug 2024	34	11.96	97.43	6.5	33.42	7.9	25.4	1.42
F35	13 Aug 2024	35	11.94	96.60	6.4	33.43	7.9	25.4	1.43
F35	13 Aug 2024	36	11.89	96.24	6.4	33.42	7.9	25.4	1.66
F35	13 Aug 2024	37	11.86	96.30	6.3	33.42	7.9	25.4	1.65
F35	13 Aug 2024	38	11.83	96.53	6.3	33.42	7.9	25.4	1.52
F35	13 Aug 2024	39	11.81	96.63	6.3	33.42	7.9	25.4	1.55
F35	13 Aug 2024	40	11.73	96.32	6.1	33.45	7.9	25.4	1.63
F35	13 Aug 2024	41	11.70	96.28	6.0	33.47	7.9	25.5	1.97
F35	13 Aug 2024	42	11.68	95.80	5.8	33.48	7.9	25.5	1.74
F35	13 Aug 2024	43	11.63	95.74	5.7	33.49	7.9	25.5	1.72
F35	13 Aug 2024	44	11.42	95.82	5.3	33.53	7.8	25.6	1.26
F35	13 Aug 2024	45	11.40	96.09	5.1	33.52	7.8	25.6	0.92
F35	13 Aug 2024	46	11.40	95.84	5.0	33.53	7.8	25.6	0.86
F35	13 Aug 2024	47	11.40	95.90	5.0	33.53	7.8	25.6	0.82
F35	13 Aug 2024	48	11.39	95.93	5.0	33.53	7.8	25.6	0.73
F35	13 Aug 2024	49	11.39	95.74	4.9	33.53	7.8	25.6	0.96
F35	13 Aug 2024	50	11.39	95.89	4.9	33.53	7.8	25.6	0.80
F35	13 Aug 2024	51	11.38	96.00	4.9	33.53	7.8	25.6	0.86
F35	13 Aug 2024	52	11.36	95.96	4.9	33.54	7.8	25.6	0.85

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F35	13 Aug 2024	53	11.35	96.13	4.8	33.54	7.8	25.6	0.70
F35	13 Aug 2024	54	11.32	96.40	4.8	33.54	7.8	25.6	0.60
F35	13 Aug 2024	55	11.25	96.44	4.7	33.56	7.8	25.6	0.72
F35	13 Aug 2024	56	11.14	96.57	4.7	33.57	7.8	25.6	0.66
F35	13 Aug 2024	57	11.13	96.62	4.7	33.57	7.8	25.6	0.54
F35	13 Aug 2024	58	11.12	96.92	4.6	33.57	7.8	25.6	0.46
F35	13 Aug 2024	59	11.09	97.17	4.6	33.58	7.8	25.7	0.48
F35	13 Aug 2024	60	11.06	97.11	4.6	33.58	7.8	25.7	0.62
F35	13 Aug 2024	61	10.95	96.87	4.5	33.59	7.8	25.7	0.45
F35	13 Aug 2024	62	10.90	96.64	4.5	33.60	7.8	25.7	0.39
F35	13 Aug 2024	63	10.87	96.94	4.5	33.61	7.8	25.7	0.36
F35	13 Aug 2024	64	10.85	97.14	4.4	33.61	7.8	25.7	0.35
F35	13 Aug 2024	65	10.85	96.93	4.4	33.61	7.8	25.7	0.34
F35	13 Aug 2024	66	10.84	97.38	4.4	33.61	7.8	25.7	0.33
F35	13 Aug 2024	67	10.83	97.23	4.4	33.61	7.8	25.7	0.36
F35	13 Aug 2024	68	10.82	97.17	4.4	33.61	7.8	25.7	0.33
F35	13 Aug 2024	69	10.82	97.07	4.4	33.61	7.8	25.7	0.38
F35	13 Aug 2024	70	10.81	97.07	4.4	33.62	7.8	25.7	0.40
F35	13 Aug 2024	71	10.80	97.21	4.4	33.62	7.8	25.7	0.38
F35	13 Aug 2024	72	10.80	97.31	4.4	33.62	7.8	25.7	0.36
F35	13 Aug 2024	73	10.79	97.31	4.4	33.62	7.8	25.7	0.34
F35	13 Aug 2024	74	10.79	97.37	4.4	33.62	7.8	25.7	0.31
F35	13 Aug 2024	75	10.77	97.28	4.4	33.62	7.8	25.7	0.33
F35	13 Aug 2024	76	10.76	97.37	4.4	33.63	7.7	25.7	0.32
F35	13 Aug 2024	77	10.76	97.42	4.4	33.63	7.7	25.8	0.29
F35	13 Aug 2024	78	10.75	97.57	4.3	33.63	7.7	25.8	0.36
F35	13 Aug 2024	79	10.75	97.61	4.3	33.63	7.7	25.8	0.28
F35	13 Aug 2024	80	10.75	97.58	4.3	33.63	7.7	25.8	0.28
F35	13 Aug 2024	81	10.75	97.31	4.3	33.63	7.7	25.8	0.26
F35	13 Aug 2024	82	10.75	97.37	4.3	33.63	7.7	25.8	0.30
F35	13 Aug 2024	83	10.75	97.41	4.3	33.63	7.7	25.8	0.30
F35	13 Aug 2024	84	10.75	97.35	4.3	33.63	7.7	25.8	0.30
F35	13 Aug 2024	85	10.74	97.35	4.3	33.64	7.7	25.8	0.29
F35	13 Aug 2024	86	10.74	97.36	4.3	33.64	7.7	25.8	0.31
F35	13 Aug 2024	87	10.73	97.41	4.3	33.64	7.7	25.8	0.27
F35	13 Aug 2024	88	10.73	97.39	4.3	33.64	7.7	25.8	0.28
F35	13 Aug 2024	89	10.73	97.33	4.3	33.64	7.7	25.8	0.27
F35	13 Aug 2024	90	10.73	97.33	4.2	33.64	7.7	25.8	0.27
F35	13 Aug 2024	91	10.71	97.40	4.2	33.64	7.7	25.8	0.27
F35	13 Aug 2024	92	10.70	97.51	4.2	33.64	7.7	25.8	0.25
F35	13 Aug 2024	93	10.71	97.36	4.2	33.64	7.7	25.8	0.23
F35	13 Aug 2024	94	10.69	97.30	4.2	33.65	7.7	25.8	0.23
F35	13 Aug 2024	95	10.69	97.27	4.1	33.65	7.7	25.8	0.24
F35	13 Aug 2024	96	10.68	97.16	4.1	33.66	7.7	25.8	0.29
F35	13 Aug 2024	97	10.66	96.44	4.0	33.67	7.7	25.8	0.30
F35	13 Aug 2024	98	10.64	95.19	3.9	33.68	7.7	25.8	0.35
F35	13 Aug 2024	99	10.63	93.53	3.9	33.69	7.7	25.8	0.34
F24	15 Aug 2024	1	22.26	76.62	8.7	33.48	8.2	23.0	0.93
F24	15 Aug 2024	2	22.21	86.79	8.7	33.48	8.2	23.0	1.07
F24	15 Aug 2024	3	21.57	87.49	9.0	33.46	8.2	23.2	1.42
F24	15 Aug 2024	4	21.50	86.91	9.3	33.44	8.2	23.2	1.88
F24	15 Aug 2024	5	19.51	83.25	11.1	33.42	8.3	23.7	3.46
F24	15 Aug 2024	6	19.44	79.01	11.1	33.38	8.3	23.7	4.59
F24	15 Aug 2024	7	18.14	77.15	11.2	33.41	8.3	24.0	5.32
F24	15 Aug 2024	8	18.15	75.49	10.8	33.39	8.3	24.0	5.76
F24	15 Aug 2024	9	17.61	72.47	10.6	33.41	8.3	24.2	6.37
F24	15 Aug 2024	10	17.64	71.72	10.4	33.41	8.3	24.1	6.71
F24	15 Aug 2024	11	17.39	70.63	10.4	33.41	8.2	24.2	6.57
F24	15 Aug 2024	12	16.65	72.91	10.7	33.39	8.3	24.4	6.01
F24	15 Aug 2024	13	16.40	73.87	10.7	33.39	8.3	24.4	6.12

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F24	15 Aug 2024	14	15.80	74.19	10.7	33.38	8.2	24.5	5.87
F24	15 Aug 2024	15	15.34	79.30	10.4	33.33	8.2	24.6	5.03
F24	15 Aug 2024	16	14.77	85.94	10.0	33.30	8.2	24.7	3.50
F24	15 Aug 2024	17	14.38	88.63	9.8	33.34	8.2	24.8	3.00
F24	15 Aug 2024	18	14.23	89.16	9.4	33.36	8.2	24.9	2.77
F24	15 Aug 2024	19	14.21	88.37	9.1	33.37	8.2	24.9	2.83
F24	15 Aug 2024	20	14.11	86.90	8.8	33.38	8.1	24.9	3.00
F24	15 Aug 2024	21	14.02	87.30	8.7	33.38	8.1	24.9	2.81
F24	15 Aug 2024	22	13.94	87.92	8.8	33.37	8.1	24.9	2.53
F24	15 Aug 2024	23	13.89	88.24	8.5	33.38	8.1	25.0	2.34
F24	15 Aug 2024	24	13.59	88.69	8.2	33.37	8.1	25.0	2.30
F24	15 Aug 2024	25	13.25	89.81	7.8	33.36	8.1	25.1	2.06
F24	15 Aug 2024	26	13.22	91.13	7.6	33.36	8.0	25.1	2.09
F24	15 Aug 2024	27	12.94	91.39	7.4	33.35	8.0	25.1	1.99
F24	15 Aug 2024	28	12.78	92.48	7.2	33.34	8.0	25.1	1.96
F24	15 Aug 2024	29	12.53	93.56	7.0	33.32	8.0	25.2	2.00
F24	15 Aug 2024	30	12.44	93.70	6.9	33.32	8.0	25.2	2.30
F24	15 Aug 2024	31	12.43	93.81	6.8	33.31	8.0	25.2	2.40
F24	15 Aug 2024	32	12.35	93.87	6.8	33.31	8.0	25.2	2.38
F24	15 Aug 2024	33	12.36	94.35	6.7	33.34	8.0	25.2	2.08
F24	15 Aug 2024	34	12.37	94.96	6.4	33.40	8.0	25.3	1.47
F24	15 Aug 2024	35	12.31	94.22	6.3	33.41	7.9	25.3	1.20
F24	15 Aug 2024	36	12.30	93.85	6.2	33.41	7.9	25.3	1.11
F24	15 Aug 2024	37	12.29	93.78	6.2	33.42	7.9	25.3	1.08
F24	15 Aug 2024	38	12.24	93.62	6.1	33.43	7.9	25.3	1.05
F24	15 Aug 2024	39	12.20	93.49	6.0	33.43	7.9	25.3	1.00
F24	15 Aug 2024	40	12.12	93.39	6.0	33.44	7.9	25.4	1.00
F24	15 Aug 2024	41	12.09	93.36	5.9	33.44	7.9	25.4	1.03
F24	15 Aug 2024	42	12.08	93.76	5.9	33.44	7.9	25.4	1.07
F24	15 Aug 2024	43	12.07	93.81	5.9	33.44	7.9	25.4	1.05
F24	15 Aug 2024	44	12.06	93.94	5.9	33.44	7.9	25.4	1.01
F24	15 Aug 2024	45	12.02	94.12	5.8	33.45	7.9	25.4	0.97
F24	15 Aug 2024	46	12.01	94.33	5.8	33.45	7.9	25.4	1.03
F24	15 Aug 2024	47	11.98	94.10	5.8	33.45	7.9	25.4	1.02
F24	15 Aug 2024	48	11.97	94.22	5.8	33.45	7.9	25.4	1.05
F24	15 Aug 2024	49	11.95	94.21	5.7	33.45	7.9	25.4	0.97
F24	15 Aug 2024	50	11.93	94.55	5.7	33.45	7.9	25.4	0.94
F24	15 Aug 2024	51	11.95	94.54	5.7	33.45	7.9	25.4	0.91
F24	15 Aug 2024	52	11.92	94.93	5.7	33.45	7.9	25.4	0.90
F24	15 Aug 2024	53	11.91	94.97	5.7	33.45	7.9	25.4	0.88
F24	15 Aug 2024	54	11.89	94.83	5.7	33.45	7.9	25.4	0.88
F24	15 Aug 2024	55	11.88	94.99	5.6	33.45	7.9	25.4	0.94
F24	15 Aug 2024	56	11.88	95.19	5.6	33.45	7.9	25.4	0.92
F24	15 Aug 2024	57	11.87	95.23	5.6	33.45	7.9	25.4	0.90
F24	15 Aug 2024	58	11.84	95.15	5.6	33.46	7.9	25.4	0.96
F24	15 Aug 2024	59	11.83	95.27	5.6	33.46	7.9	25.4	0.86
F24	15 Aug 2024	60	11.81	95.18	5.6	33.47	7.9	25.4	0.88
F24	15 Aug 2024	61	11.81	94.95	5.6	33.47	7.9	25.4	0.91
F24	15 Aug 2024	62	11.80	94.99	5.5	33.47	7.9	25.4	1.01
F24	15 Aug 2024	63	11.76	94.98	5.5	33.47	7.9	25.4	0.98
F24	15 Aug 2024	64	11.76	94.87	5.4	33.47	7.8	25.4	0.90
F24	15 Aug 2024	65	11.65	94.46	5.3	33.49	7.8	25.5	0.98
F24	15 Aug 2024	66	11.55	93.03	5.0	33.50	7.8	25.5	0.87
F24	15 Aug 2024	67	11.48	92.51	4.8	33.52	7.8	25.5	0.79
F24	15 Aug 2024	68	11.15	92.56	4.6	33.57	7.8	25.6	0.66
F24	15 Aug 2024	69	10.84	93.27	4.3	33.62	7.8	25.7	0.43
F24	15 Aug 2024	70	10.81	94.52	4.1	33.62	7.7	25.7	0.35
F24	15 Aug 2024	71	10.78	94.53	4.0	33.63	7.7	25.7	0.31
F24	15 Aug 2024	72	10.82	94.11	4.0	33.62	7.7	25.7	0.31
F24	15 Aug 2024	73	10.75	93.44	3.9	33.64	7.7	25.8	0.35
F24	15 Aug 2024	74	10.72	93.09	3.9	33.65	7.7	25.8	0.34

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F24	15 Aug 2024	75	10.72	93.28	3.9	33.65	7.7	25.8	0.29
F24	15 Aug 2024	76	10.73	92.62	3.8	33.65	7.7	25.8	0.30
F24	15 Aug 2024	77	10.68	91.34	3.8	33.67	7.7	25.8	0.35
F24	15 Aug 2024	78	10.66	90.98	3.7	33.68	7.7	25.8	0.28
F24	15 Aug 2024	79	10.66	90.82	3.7	33.69	7.7	25.8	0.27
F24	15 Aug 2024	80	10.66	89.98	3.6	33.69	7.7	25.8	0.35
F24	15 Aug 2024	81	10.66	87.95	3.6	33.70	7.7	25.8	0.38
F24	15 Aug 2024	82	10.67	66.60	3.5	33.70	7.7	25.8	0.49
F13	14 Aug 2024	1	22.08	80.18	9.4	33.47	8.3	23.0	1.37
F13	14 Aug 2024	2	21.75	79.93	9.6	33.45	8.3	23.1	1.49
F13	14 Aug 2024	3	20.22	79.81	10.5	33.43	8.3	23.5	2.49
F13	14 Aug 2024	4	19.41	77.64	11.1	33.42	8.3	23.7	5.23
F13	14 Aug 2024	5	18.86	71.96	11.4	33.42	8.3	23.9	7.94
F13	14 Aug 2024	6	18.70	66.15	11.5	33.42	8.3	23.9	9.35
F13	14 Aug 2024	7	18.49	64.19	11.4	33.41	8.3	23.9	9.43
F13	14 Aug 2024	8	18.19	63.68	11.3	33.41	8.3	24.0	9.50
F13	14 Aug 2024	9	18.06	62.39	11.0	33.42	8.3	24.0	9.01
F13	14 Aug 2024	10	17.75	63.80	10.7	33.41	8.3	24.1	8.39
F13	14 Aug 2024	11	17.25	65.55	10.5	33.41	8.3	24.2	7.88
F13	14 Aug 2024	12	16.86	68.36	10.2	33.41	8.2	24.3	7.10
F13	14 Aug 2024	13	16.32	71.70	10.0	33.40	8.2	24.4	6.68
F13	14 Aug 2024	14	15.92	74.62	9.6	33.40	8.2	24.5	5.76
F13	14 Aug 2024	15	15.71	78.57	9.3	33.41	8.2	24.6	5.04
F13	14 Aug 2024	16	15.59	79.88	9.2	33.41	8.2	24.6	4.68
F13	14 Aug 2024	17	15.51	80.73	9.1	33.41	8.2	24.6	4.40
F13	14 Aug 2024	18	15.48	81.16	9.0	33.42	8.2	24.6	4.24
F13	14 Aug 2024	19	15.24	81.33	8.8	33.42	8.2	24.7	3.93
F13	14 Aug 2024	20	14.57	82.44	8.6	33.40	8.1	24.8	3.51
F13	14 Aug 2024	21	14.22	84.59	8.5	33.40	8.1	24.9	3.27
F13	14 Aug 2024	22	14.00	86.03	8.4	33.39	8.1	24.9	3.62
F13	14 Aug 2024	23	13.76	85.84	8.3	33.35	8.1	25.0	4.01
F13	14 Aug 2024	24	13.54	85.40	8.2	33.38	8.1	25.0	4.20
F13	14 Aug 2024	25	13.46	85.05	8.1	33.38	8.1	25.0	4.02
F13	14 Aug 2024	26	13.22	86.64	8.0	33.36	8.1	25.1	3.85
F13	14 Aug 2024	27	13.05	87.58	7.8	33.34	8.1	25.1	3.17
F13	14 Aug 2024	28	12.85	90.60	7.7	33.30	8.1	25.1	2.28
F13	14 Aug 2024	29	12.80	93.08	7.6	33.31	8.0	25.1	1.77
F13	14 Aug 2024	30	12.66	94.27	7.5	33.30	8.0	25.1	1.42
F13	14 Aug 2024	31	12.55	95.46	7.4	33.30	8.0	25.2	1.20
F13	14 Aug 2024	32	12.38	96.65	7.3	33.30	8.0	25.2	1.02
F13	14 Aug 2024	33	12.36	96.72	7.2	33.30	8.0	25.2	1.01
F13	14 Aug 2024	34	12.31	96.52	7.1	33.29	8.0	25.2	1.01
F13	14 Aug 2024	35	12.20	96.67	7.1	33.30	8.0	25.2	1.13
F13	14 Aug 2024	36	12.17	97.03	7.0	33.34	8.0	25.3	1.22
F13	14 Aug 2024	37	12.18	96.08	6.8	33.37	8.0	25.3	1.29
F13	14 Aug 2024	38	12.14	95.44	6.8	33.37	8.0	25.3	1.58
F13	14 Aug 2024	39	12.11	95.30	6.8	33.37	8.0	25.3	1.46
F13	14 Aug 2024	40	12.12	95.37	6.8	33.37	8.0	25.3	1.42
F13	14 Aug 2024	41	12.19	95.32	6.7	33.40	8.0	25.3	1.49
F13	14 Aug 2024	42	12.30	94.62	6.5	33.44	8.0	25.3	1.63
F13	14 Aug 2024	43	12.30	93.69	6.4	33.44	7.9	25.3	1.62
F13	14 Aug 2024	44	12.27	93.46	6.4	33.44	7.9	25.3	1.69
F13	14 Aug 2024	45	12.26	93.39	6.4	33.44	7.9	25.3	1.71
F13	14 Aug 2024	46	12.24	93.24	6.4	33.44	7.9	25.3	1.76
F13	14 Aug 2024	47	12.15	93.29	6.3	33.45	7.9	25.4	1.66
F13	14 Aug 2024	48	12.16	93.28	6.3	33.45	7.9	25.4	1.67
F13	14 Aug 2024	49	12.09	93.50	6.2	33.45	7.9	25.4	1.63
F13	14 Aug 2024	50	12.03	93.54	6.2	33.45	7.9	25.4	1.64
F13	14 Aug 2024	51	12.00	93.78	6.1	33.45	7.9	25.4	1.66
F13	14 Aug 2024	52	11.96	93.70	6.1	33.45	7.9	25.4	1.52

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F13	14 Aug 2024	53	11.96	94.03	6.0	33.46	7.9	25.4	1.46
F13	14 Aug 2024	54	11.97	94.04	6.0	33.46	7.9	25.4	1.34
F13	14 Aug 2024	55	11.93	94.12	5.9	33.46	7.9	25.4	1.29
F13	14 Aug 2024	56	11.86	94.13	5.9	33.45	7.9	25.4	1.36
F13	14 Aug 2024	57	11.83	94.00	5.9	33.46	7.9	25.4	1.55
F13	14 Aug 2024	58	11.82	94.04	5.8	33.47	7.9	25.4	1.57
F13	14 Aug 2024	59	11.81	94.18	5.7	33.47	7.9	25.4	1.52
F13	14 Aug 2024	60	11.76	92.67	5.5	33.48	7.9	25.5	1.37
F13	14 Aug 2024	61	11.77	58.81	5.4	33.48	7.9	25.5	1.41
F36	13 Aug 2024	1	22.89	97.79	7.2	33.49	8.1	22.8	0.32
F36	13 Aug 2024	2	22.76	97.80	7.2	33.48	8.1	22.8	0.31
F36	13 Aug 2024	3	22.37	97.78	7.3	33.47	8.1	23.0	0.28
F36	13 Aug 2024	4	21.81	98.07	7.4	33.45	8.1	23.1	0.25
F36	13 Aug 2024	5	21.31	97.95	7.5	33.42	8.1	23.2	0.22
F36	13 Aug 2024	6	20.39	97.97	7.7	33.41	8.1	23.4	0.25
F36	13 Aug 2024	7	19.56	98.18	7.9	33.36	8.1	23.6	0.23
F36	13 Aug 2024	8	18.64	98.29	8.2	33.33	8.1	23.8	0.22
F36	13 Aug 2024	9	18.29	98.34	8.2	33.32	8.1	23.9	0.24
F36	13 Aug 2024	10	17.45	98.29	8.4	33.25	8.1	24.1	0.23
F36	13 Aug 2024	11	15.94	98.27	8.8	33.26	8.1	24.4	0.29
F36	13 Aug 2024	12	15.69	98.11	8.9	33.26	8.1	24.5	0.38
F36	13 Aug 2024	13	15.60	97.90	8.9	33.25	8.1	24.5	0.41
F36	13 Aug 2024	14	15.45	97.79	8.8	33.25	8.1	24.5	0.45
F36	13 Aug 2024	15	15.23	97.53	8.8	33.25	8.1	24.6	0.59
F36	13 Aug 2024	16	14.88	97.13	8.7	33.25	8.1	24.6	1.12
F36	13 Aug 2024	17	14.43	95.99	8.6	33.23	8.1	24.7	2.52
F36	13 Aug 2024	18	14.03	93.24	8.5	33.21	8.1	24.8	2.54
F36	13 Aug 2024	19	13.90	93.86	8.4	33.21	8.1	24.8	1.79
F36	13 Aug 2024	20	13.71	96.24	8.2	33.20	8.1	24.9	1.33
F36	13 Aug 2024	21	13.56	97.00	8.1	33.21	8.1	24.9	1.10
F36	13 Aug 2024	22	13.42	97.20	8.0	33.20	8.1	24.9	1.14
F36	13 Aug 2024	23	13.23	97.21	8.1	33.23	8.1	25.0	1.13
F36	13 Aug 2024	24	13.34	97.06	8.4	33.35	8.1	25.0	1.78
F36	13 Aug 2024	25	13.14	93.03	8.5	33.37	8.1	25.1	2.33
F36	13 Aug 2024	26	12.97	89.58	8.2	33.37	8.1	25.1	2.65
F36	13 Aug 2024	27	12.93	89.59	7.8	33.39	8.0	25.2	2.68
F36	13 Aug 2024	28	12.74	89.95	7.6	33.36	8.0	25.2	2.85
F36	13 Aug 2024	29	12.65	91.56	7.4	33.40	8.0	25.2	2.87
F36	13 Aug 2024	30	12.58	91.34	7.3	33.41	8.0	25.2	2.82
F36	13 Aug 2024	31	12.43	90.48	7.1	33.38	8.0	25.3	2.76
F36	13 Aug 2024	32	12.29	90.77	7.0	33.39	8.0	25.3	2.65
F36	13 Aug 2024	33	12.36	91.46	6.9	33.40	8.0	25.3	2.39
F36	13 Aug 2024	34	12.30	91.68	6.8	33.41	8.0	25.3	2.32
F36	13 Aug 2024	35	12.03	92.52	6.8	33.37	8.0	25.3	2.13
F36	13 Aug 2024	36	11.90	93.37	6.7	33.36	7.9	25.3	2.25
F36	13 Aug 2024	37	11.86	94.74	6.6	33.39	7.9	25.4	2.47
F36	13 Aug 2024	38	11.84	94.82	6.5	33.41	7.9	25.4	2.59
F36	13 Aug 2024	39	11.80	93.76	6.4	33.42	7.9	25.4	2.87
F36	13 Aug 2024	40	11.80	93.34	6.2	33.44	7.9	25.4	2.93
F36	13 Aug 2024	41	11.75	93.45	6.0	33.46	7.9	25.4	2.81
F36	13 Aug 2024	42	11.74	92.97	5.8	33.47	7.9	25.5	2.74
F36	13 Aug 2024	43	11.73	93.04	5.7	33.49	7.9	25.5	2.80
F36	13 Aug 2024	44	11.69	93.47	5.5	33.50	7.8	25.5	2.64
F36	13 Aug 2024	45	11.60	93.60	5.3	33.51	7.8	25.5	2.01
F36	13 Aug 2024	46	11.59	94.51	5.2	33.52	7.8	25.5	1.48
F36	13 Aug 2024	47	11.60	95.36	5.0	33.52	7.8	25.5	1.18
F36	13 Aug 2024	48	11.59	95.50	5.0	33.52	7.8	25.5	1.06
F36	13 Aug 2024	49	11.59	95.66	5.0	33.52	7.8	25.5	1.18
F36	13 Aug 2024	50	11.57	95.93	4.9	33.52	7.8	25.5	1.01
F36	13 Aug 2024	51	11.57	95.82	4.9	33.53	7.8	25.5	1.04

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F36	13 Aug 2024	52	11.55	95.57	4.9	33.53	7.8	25.5	0.94
F36	13 Aug 2024	53	11.53	95.65	4.9	33.52	7.8	25.5	0.94
F36	13 Aug 2024	54	11.52	96.02	5.0	33.52	7.8	25.5	0.91
F36	13 Aug 2024	55	11.51	96.30	5.0	33.52	7.8	25.5	0.98
F36	13 Aug 2024	56	11.51	96.39	5.0	33.52	7.8	25.5	0.85
F36	13 Aug 2024	57	11.50	96.29	4.9	33.53	7.8	25.5	0.85
F36	13 Aug 2024	58	11.49	96.37	4.8	33.53	7.8	25.5	0.94
F36	13 Aug 2024	59	11.47	96.41	4.8	33.53	7.8	25.6	0.88
F36	13 Aug 2024	60	11.45	96.43	4.8	33.54	7.8	25.6	0.85
F36	13 Aug 2024	61	11.43	96.56	4.7	33.54	7.8	25.6	0.96
F36	13 Aug 2024	62	11.39	96.40	4.7	33.54	7.8	25.6	0.93
F36	13 Aug 2024	63	11.38	96.24	4.7	33.54	7.8	25.6	0.86
F36	13 Aug 2024	64	11.32	96.12	4.7	33.55	7.8	25.6	0.87
F36	13 Aug 2024	65	11.27	96.40	4.7	33.55	7.8	25.6	0.73
F36	13 Aug 2024	66	11.24	96.96	4.8	33.55	7.8	25.6	0.70
F36	13 Aug 2024	67	11.23	97.21	4.8	33.55	7.8	25.6	0.70
F36	13 Aug 2024	68	11.22	97.04	4.8	33.55	7.8	25.6	0.72
F36	13 Aug 2024	69	11.19	96.95	4.8	33.55	7.8	25.6	0.64
F36	13 Aug 2024	70	11.15	97.10	4.8	33.55	7.8	25.6	0.57
F36	13 Aug 2024	71	11.10	97.39	4.7	33.56	7.8	25.6	0.60
F36	13 Aug 2024	72	11.02	97.51	4.8	33.56	7.8	25.7	0.50
F36	13 Aug 2024	73	10.92	97.72	4.8	33.56	7.8	25.7	0.46
F36	13 Aug 2024	74	10.76	98.12	4.7	33.57	7.8	25.7	0.41
F36	13 Aug 2024	75	10.72	98.15	4.6	33.59	7.8	25.7	0.32
F36	13 Aug 2024	76	10.75	97.70	4.5	33.62	7.8	25.7	0.30
F36	13 Aug 2024	77	10.76	97.65	4.4	33.63	7.7	25.7	0.35
F36	13 Aug 2024	78	10.75	97.26	4.4	33.63	7.7	25.8	0.32
F36	13 Aug 2024	79	10.72	97.29	4.3	33.63	7.7	25.8	0.32
F36	13 Aug 2024	80	10.71	97.49	4.3	33.63	7.7	25.8	0.29
F36	13 Aug 2024	81	10.70	97.65	4.3	33.64	7.7	25.8	0.26
F36	13 Aug 2024	82	10.70	97.68	4.2	33.64	7.7	25.8	0.25
F36	13 Aug 2024	83	10.70	97.64	4.2	33.64	7.7	25.8	0.24
F36	13 Aug 2024	84	10.70	97.56	4.2	33.64	7.7	25.8	0.24
F36	13 Aug 2024	85	10.69	97.67	4.2	33.65	7.7	25.8	0.24
F36	13 Aug 2024	86	10.69	97.81	4.1	33.65	7.7	25.8	0.23
F36	13 Aug 2024	87	10.69	97.64	4.1	33.65	7.7	25.8	0.25
F36	13 Aug 2024	88	10.69	97.02	4.1	33.65	7.7	25.8	0.25
F36	13 Aug 2024	89	10.69	97.01	4.1	33.65	7.7	25.8	0.29
F36	13 Aug 2024	90	10.68	97.13	4.1	33.66	7.7	25.8	0.26
F36	13 Aug 2024	91	10.68	97.12	4.1	33.66	7.7	25.8	0.28
F36	13 Aug 2024	92	10.66	97.03	4.0	33.66	7.7	25.8	0.25
F36	13 Aug 2024	93	10.63	96.92	4.0	33.68	7.7	25.8	0.29
F36	13 Aug 2024	94	10.61	96.46	4.0	33.69	7.7	25.8	0.28
F36	13 Aug 2024	95	10.61	96.02	4.0	33.69	7.7	25.8	0.28
F36	13 Aug 2024	96	10.59	96.00	4.0	33.70	7.7	25.8	0.27
F36	13 Aug 2024	97	10.58	96.07	3.9	33.72	7.7	25.9	0.25
F36	13 Aug 2024	98	10.57	96.23	3.9	33.73	7.7	25.9	0.24
F36	13 Aug 2024	99	10.55	96.42	3.8	33.75	7.7	25.9	0.23
F36	13 Aug 2024	100	10.54	97.16	3.8	33.77	7.7	25.9	0.21
F25	15 Aug 2024	1	22.25	84.23	8.9	33.48	8.2	23.0	1.19
F25	15 Aug 2024	2	22.25	85.59	8.8	33.48	8.2	23.0	1.23
F25	15 Aug 2024	3	22.21	85.72	8.8	33.47	8.2	23.0	1.37
F25	15 Aug 2024	4	21.79	86.88	9.3	33.45	8.2	23.1	2.05
F25	15 Aug 2024	5	19.89	86.73	10.8	33.42	8.3	23.6	4.36
F25	15 Aug 2024	6	18.98	78.06	11.8	33.42	8.3	23.8	6.94
F25	15 Aug 2024	7	18.30	74.38	11.6	33.37	8.3	23.9	7.22
F25	15 Aug 2024	8	17.01	74.01	10.9	33.32	8.3	24.2	5.90
F25	15 Aug 2024	9	16.57	79.30	10.3	33.30	8.2	24.3	4.67
F25	15 Aug 2024	10	16.28	84.52	9.9	33.29	8.2	24.4	4.03
F25	15 Aug 2024	11	16.25	86.00	9.8	33.29	8.2	24.4	3.93

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F25	15 Aug 2024	12	15.99	86.63	10.0	33.29	8.2	24.4	4.13
F25	15 Aug 2024	13	15.76	86.22	10.2	33.31	8.2	24.5	4.22
F25	15 Aug 2024	14	15.54	84.10	10.1	33.34	8.2	24.6	4.29
F25	15 Aug 2024	15	15.29	83.70	9.4	33.39	8.2	24.7	4.19
F25	15 Aug 2024	16	14.99	83.16	8.8	33.41	8.1	24.7	3.95
F25	15 Aug 2024	17	14.94	83.04	8.5	33.41	8.1	24.8	3.85
F25	15 Aug 2024	18	14.83	83.02	8.3	33.41	8.1	24.8	3.70
F25	15 Aug 2024	19	14.79	83.85	8.4	33.41	8.1	24.8	3.53
F25	15 Aug 2024	20	14.71	84.23	8.4	33.42	8.1	24.8	3.49
F25	15 Aug 2024	21	14.47	84.44	8.4	33.47	8.1	24.9	3.34
F25	15 Aug 2024	22	14.40	85.22	8.3	33.41	8.1	24.9	3.15
F25	15 Aug 2024	23	14.33	86.51	8.2	33.41	8.1	24.9	2.99
F25	15 Aug 2024	24	14.13	86.86	8.0	33.41	8.1	24.9	2.77
F25	15 Aug 2024	25	14.02	87.54	7.9	33.42	8.1	25.0	2.43
F25	15 Aug 2024	26	13.82	87.90	7.8	33.38	8.0	25.0	2.32
F25	15 Aug 2024	27	13.56	88.95	7.9	33.36	8.1	25.0	2.36
F25	15 Aug 2024	28	13.66	90.08	7.9	33.40	8.1	25.0	2.42
F25	15 Aug 2024	29	13.47	89.52	7.7	33.38	8.0	25.0	2.42
F25	15 Aug 2024	30	12.94	89.47	7.6	33.29	8.0	25.1	2.27
F25	15 Aug 2024	31	12.76	92.65	7.4	33.31	8.0	25.1	1.75
F25	15 Aug 2024	32	12.87	92.63	7.3	33.34	8.0	25.1	1.66
F25	15 Aug 2024	33	12.86	91.67	7.0	33.41	8.0	25.2	1.95
F25	15 Aug 2024	34	12.84	91.12	6.8	33.41	8.0	25.2	1.88
F25	15 Aug 2024	35	12.81	91.38	6.7	33.40	8.0	25.2	1.76
F25	15 Aug 2024	36	12.56	92.14	6.7	33.37	8.0	25.2	1.57
F25	15 Aug 2024	37	12.38	94.15	6.6	33.36	7.9	25.2	1.44
F25	15 Aug 2024	38	12.24	94.72	6.5	33.35	7.9	25.3	1.43
F25	15 Aug 2024	39	12.05	95.86	6.5	33.35	7.9	25.3	1.21
F25	15 Aug 2024	40	12.04	96.35	6.4	33.36	7.9	25.3	1.13
F25	15 Aug 2024	41	12.03	96.67	6.3	33.38	7.9	25.3	1.02
F25	15 Aug 2024	42	11.98	96.34	6.2	33.40	7.9	25.4	1.04
F25	15 Aug 2024	43	12.00	96.24	6.1	33.40	7.9	25.3	1.03
F25	15 Aug 2024	44	11.96	96.09	6.1	33.41	7.9	25.4	1.02
F25	15 Aug 2024	45	11.96	95.94	6.0	33.42	7.9	25.4	1.04
F25	15 Aug 2024	46	11.95	95.93	6.0	33.43	7.9	25.4	1.09
F25	15 Aug 2024	47	11.98	95.62	5.9	33.45	7.9	25.4	1.05
F25	15 Aug 2024	48	11.98	95.32	5.9	33.46	7.9	25.4	0.91
F25	15 Aug 2024	49	11.94	95.12	5.8	33.46	7.9	25.4	0.90
F25	15 Aug 2024	50	11.90	95.00	5.8	33.46	7.9	25.4	0.92
F25	15 Aug 2024	51	11.90	94.84	5.8	33.46	7.9	25.4	0.89
F25	15 Aug 2024	52	11.88	95.08	5.7	33.46	7.9	25.4	0.93
F25	15 Aug 2024	53	11.87	94.81	5.7	33.46	7.9	25.4	0.91
F25	15 Aug 2024	54	11.86	94.98	5.7	33.46	7.9	25.4	0.87
F25	15 Aug 2024	55	11.86	94.85	5.7	33.46	7.9	25.4	0.92
F25	15 Aug 2024	56	11.83	95.03	5.7	33.46	7.9	25.4	0.96
F25	15 Aug 2024	57	11.78	94.89	5.6	33.47	7.9	25.4	0.90
F25	15 Aug 2024	58	11.76	95.07	5.5	33.48	7.8	25.4	0.85
F25	15 Aug 2024	59	11.74	95.13	5.4	33.48	7.8	25.5	0.73
F25	15 Aug 2024	60	11.72	95.14	5.4	33.48	7.8	25.5	0.80
F25	15 Aug 2024	61	11.71	95.04	5.4	33.48	7.8	25.5	0.79
F25	15 Aug 2024	62	11.69	94.99	5.4	33.48	7.8	25.5	0.80
F25	15 Aug 2024	63	11.65	94.83	5.3	33.48	7.8	25.5	0.83
F25	15 Aug 2024	64	11.62	94.98	5.3	33.49	7.8	25.5	0.72
F25	15 Aug 2024	65	11.62	95.61	5.2	33.49	7.8	25.5	0.70
F25	15 Aug 2024	66	11.57	95.59	5.2	33.50	7.8	25.5	0.70
F25	15 Aug 2024	67	11.53	95.10	5.0	33.51	7.8	25.5	0.74
F25	15 Aug 2024	68	11.47	95.24	4.9	33.52	7.8	25.5	0.65
F25	15 Aug 2024	69	11.29	95.31	4.7	33.55	7.8	25.6	0.66
F25	15 Aug 2024	70	11.07	95.49	4.4	33.58	7.8	25.7	0.52
F25	15 Aug 2024	71	10.96	95.08	4.3	33.60	7.7	25.7	0.52
F25	15 Aug 2024	72	11.01	94.96	4.2	33.59	7.7	25.7	0.40

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F25	15 Aug 2024	73	10.93	94.99	4.2	33.60	7.7	25.7	0.42
F25	15 Aug 2024	74	10.88	95.03	4.2	33.61	7.7	25.7	0.34
F25	15 Aug 2024	75	10.86	95.46	4.2	33.61	7.7	25.7	0.32
F25	15 Aug 2024	76	10.84	95.69	4.2	33.61	7.7	25.7	0.35
F25	15 Aug 2024	77	10.82	95.95	4.1	33.62	7.7	25.7	0.35
F25	15 Aug 2024	78	10.83	95.90	4.1	33.62	7.7	25.7	0.32
F25	15 Aug 2024	79	10.83	95.13	4.1	33.62	7.7	25.7	0.33
F25	15 Aug 2024	80	10.83	94.70	4.1	33.62	7.7	25.7	0.33
F25	15 Aug 2024	81	10.79	43.00	4.0	33.63	7.7	25.7	0.36
F14	14 Aug 2024	1	22.88	91.09	7.7	33.49	8.2	22.8	0.90
F14	14 Aug 2024	2	22.87	91.22	7.7	33.49	8.2	22.8	0.93
F14	14 Aug 2024	3	22.84	91.35	7.6	33.49	8.2	22.8	1.01
F14	14 Aug 2024	4	22.83	91.53	7.7	33.49	8.2	22.8	1.08
F14	14 Aug 2024	5	22.81	91.60	7.6	33.49	8.2	22.8	1.13
F14	14 Aug 2024	6	22.46	91.46	7.8	33.47	8.2	22.9	1.23
F14	14 Aug 2024	7	21.42	91.05	8.2	33.44	8.2	23.2	1.63
F14	14 Aug 2024	8	20.82	89.97	8.4	33.41	8.2	23.3	3.07
F14	14 Aug 2024	9	19.51	87.21	9.4	33.38	8.2	23.7	6.09
F14	14 Aug 2024	10	18.40	82.10	11.0	33.41	8.3	24.0	6.87
F14	14 Aug 2024	11	17.69	76.16	10.6	33.37	8.3	24.1	6.12
F14	14 Aug 2024	12	16.77	73.81	9.7	33.31	8.2	24.3	4.43
F14	14 Aug 2024	13	16.49	82.39	9.9	33.34	8.2	24.4	4.22
F14	14 Aug 2024	14	16.15	82.29	10.1	33.39	8.2	24.5	6.09
F14	14 Aug 2024	15	15.77	73.59	9.6	33.41	8.2	24.6	6.98
F14	14 Aug 2024	16	15.50	73.04	9.5	33.40	8.2	24.6	6.47
F14	14 Aug 2024	17	15.42	74.51	9.5	33.40	8.2	24.6	5.79
F14	14 Aug 2024	18	15.06	76.38	9.5	33.39	8.2	24.7	5.28
F14	14 Aug 2024	19	14.56	78.94	9.2	33.39	8.2	24.8	4.63
F14	14 Aug 2024	20	14.06	82.60	8.8	33.40	8.1	24.9	4.13
F14	14 Aug 2024	21	13.94	84.31	8.4	33.41	8.1	25.0	3.88
F14	14 Aug 2024	22	13.89	84.53	8.3	33.41	8.1	25.0	3.68
F14	14 Aug 2024	23	13.90	84.58	8.3	33.41	8.1	25.0	3.53
F14	14 Aug 2024	24	13.85	84.54	8.3	33.41	8.1	25.0	3.36
F14	14 Aug 2024	25	13.80	84.74	8.3	33.42	8.1	25.0	3.26
F14	14 Aug 2024	26	13.78	86.13	8.3	33.42	8.1	25.0	3.03
F14	14 Aug 2024	27	13.70	86.30	8.2	33.42	8.1	25.0	2.99
F14	14 Aug 2024	28	13.55	86.79	8.1	33.41	8.1	25.1	2.65
F14	14 Aug 2024	29	13.45	88.28	8.0	33.41	8.1	25.1	2.49
F14	14 Aug 2024	30	13.16	89.01	7.8	33.42	8.1	25.1	2.39
F14	14 Aug 2024	31	13.09	89.63	7.5	33.43	8.0	25.2	2.31
F14	14 Aug 2024	32	12.97	89.82	7.3	33.44	8.0	25.2	2.24
F14	14 Aug 2024	33	12.92	89.43	7.2	33.44	8.0	25.2	2.25
F14	14 Aug 2024	34	12.89	89.57	7.1	33.44	8.0	25.2	2.29
F14	14 Aug 2024	35	12.88	89.84	7.0	33.44	8.0	25.2	2.23
F14	14 Aug 2024	36	12.84	90.28	7.0	33.44	8.0	25.2	2.27
F14	14 Aug 2024	37	12.83	90.32	7.0	33.44	8.0	25.2	2.17
F14	14 Aug 2024	38	12.82	90.28	6.9	33.44	8.0	25.2	2.22
F14	14 Aug 2024	39	12.73	90.36	6.9	33.44	8.0	25.2	2.14
F14	14 Aug 2024	40	12.57	90.75	6.8	33.44	8.0	25.3	2.10
F14	14 Aug 2024	41	12.53	91.32	6.6	33.45	8.0	25.3	2.06
F14	14 Aug 2024	42	12.47	91.46	6.6	33.44	8.0	25.3	2.14
F14	14 Aug 2024	43	12.43	91.69	6.4	33.44	8.0	25.3	2.18
F14	14 Aug 2024	44	12.26	91.59	6.3	33.44	7.9	25.3	2.47
F14	14 Aug 2024	45	12.20	91.17	6.3	33.44	7.9	25.3	2.32
F14	14 Aug 2024	46	12.23	92.02	6.3	33.44	7.9	25.3	2.13
F14	14 Aug 2024	47	12.13	93.07	6.3	33.44	7.9	25.3	1.86
F14	14 Aug 2024	48	12.11	93.21	6.3	33.44	7.9	25.4	1.77
F14	14 Aug 2024	49	12.08	93.39	6.3	33.44	7.9	25.4	1.62
F14	14 Aug 2024	50	12.09	93.52	6.2	33.45	7.9	25.4	1.56
F14	14 Aug 2024	51	12.10	93.46	6.1	33.45	7.9	25.4	1.42

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
F14	14 Aug 2024	52	12.08	93.74	6.0	33.46	7.9	25.4	1.38
F14	14 Aug 2024	53	12.07	93.85	6.0	33.46	7.9	25.4	1.36
F14	14 Aug 2024	54	12.01	93.85	6.0	33.45	7.9	25.4	1.54
F14	14 Aug 2024	55	11.92	93.83	6.1	33.45	7.9	25.4	1.67
F14	14 Aug 2024	56	11.87	93.74	6.0	33.46	7.9	25.4	1.68
F14	14 Aug 2024	57	11.86	93.91	5.9	33.46	7.9	25.4	1.58
F14	14 Aug 2024	58	11.79	94.09	5.7	33.47	7.9	25.4	1.58
F14	14 Aug 2024	59	11.67	94.01	5.4	33.49	7.9	25.5	1.39
F14	14 Aug 2024	60	11.64	89.17	5.2	33.49	7.8	25.5	1.40
F03	14 Aug 2024	1	22.60	80.89	8.5	33.47	8.2	22.9	1.09
F03	14 Aug 2024	2	22.54	79.05	8.7	33.44	8.2	22.9	1.11
F03	14 Aug 2024	3	21.20	79.64	10.2	33.45	8.2	23.3	1.47
F03	14 Aug 2024	4	19.87	81.90	10.8	33.42	8.3	23.6	2.22
F03	14 Aug 2024	5	18.63	80.19	9.9	33.36	8.3	23.9	2.29
F03	14 Aug 2024	6	17.76	84.80	9.4	33.32	8.2	24.0	2.00
F03	14 Aug 2024	7	17.31	89.07	9.1	33.30	8.2	24.1	1.82
F03	14 Aug 2024	8	17.22	91.32	9.0	33.29	8.2	24.2	2.04
F03	14 Aug 2024	9	16.34	89.54	9.1	33.28	8.2	24.3	3.11
F03	14 Aug 2024	10	16.17	89.05	9.3	33.28	8.2	24.4	3.21
F03	14 Aug 2024	11	15.85	89.59	10.0	33.31	8.2	24.5	3.34
F03	14 Aug 2024	12	15.37	87.07	10.4	33.36	8.2	24.6	3.88
F03	14 Aug 2024	13	15.26	82.19	10.2	33.35	8.2	24.6	3.98
F03	14 Aug 2024	14	14.64	82.97	9.0	33.39	8.2	24.8	3.64
F03	14 Aug 2024	15	14.08	85.11	8.1	33.39	8.1	24.9	3.03
F03	14 Aug 2024	16	13.92	87.25	7.7	33.40	8.0	25.0	2.57
F03	14 Aug 2024	17	13.89	88.47	7.6	33.41	8.0	25.0	2.37
F03	14 Aug 2024	18	13.84	88.46	7.5	33.41	8.0	25.0	2.35
F03	14 Aug 2024	19	13.84	88.35	7.4	33.42	8.0	25.0	1.99

NA = not available

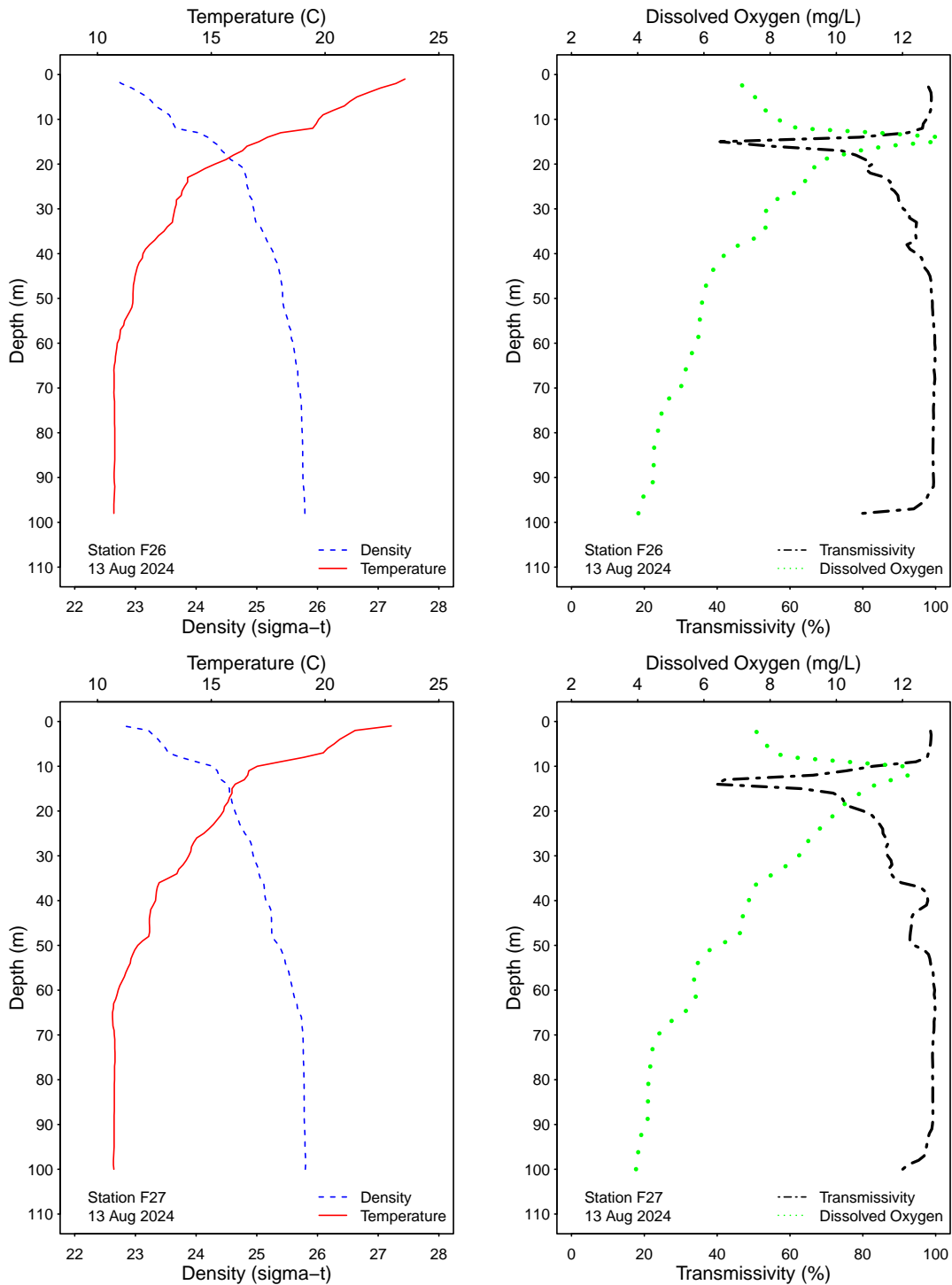


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

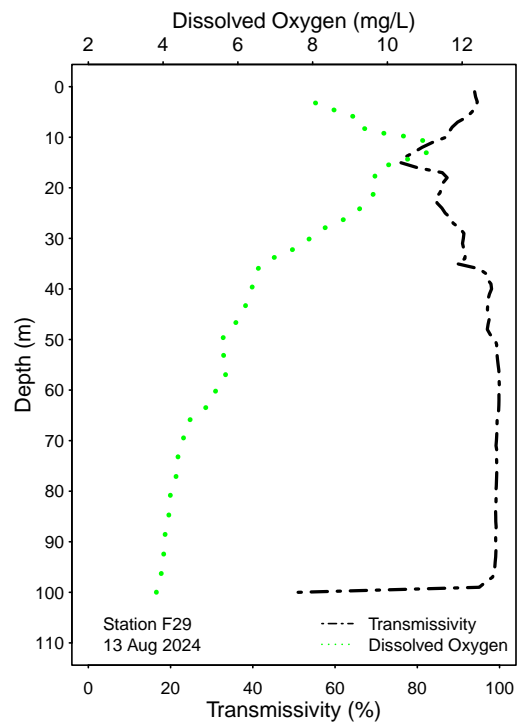
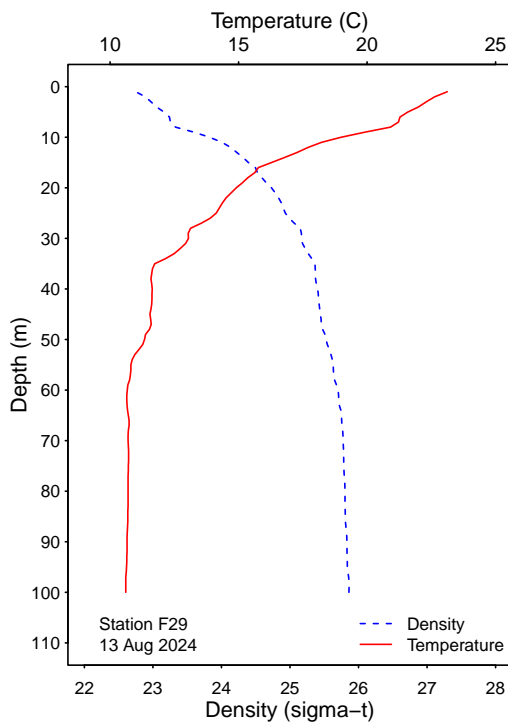
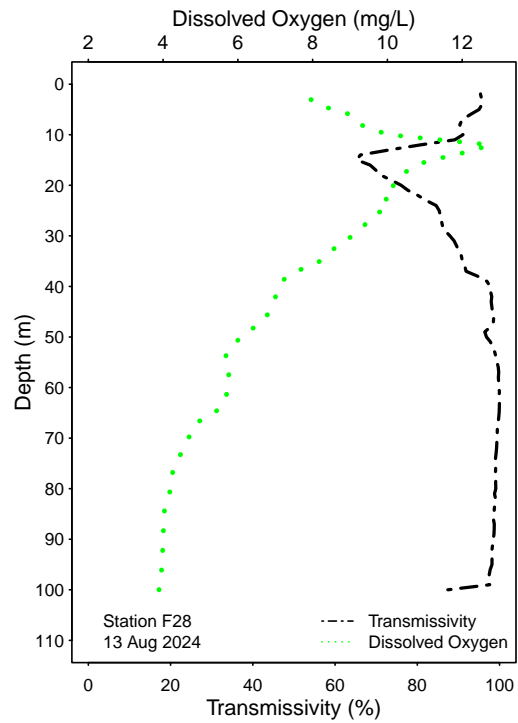
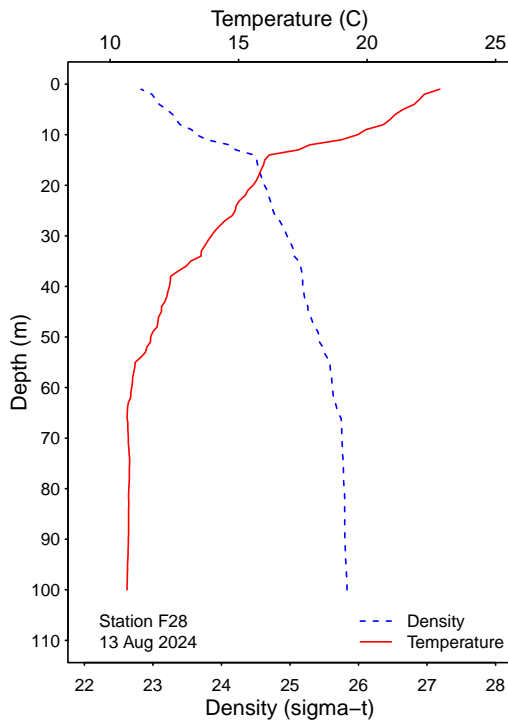


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

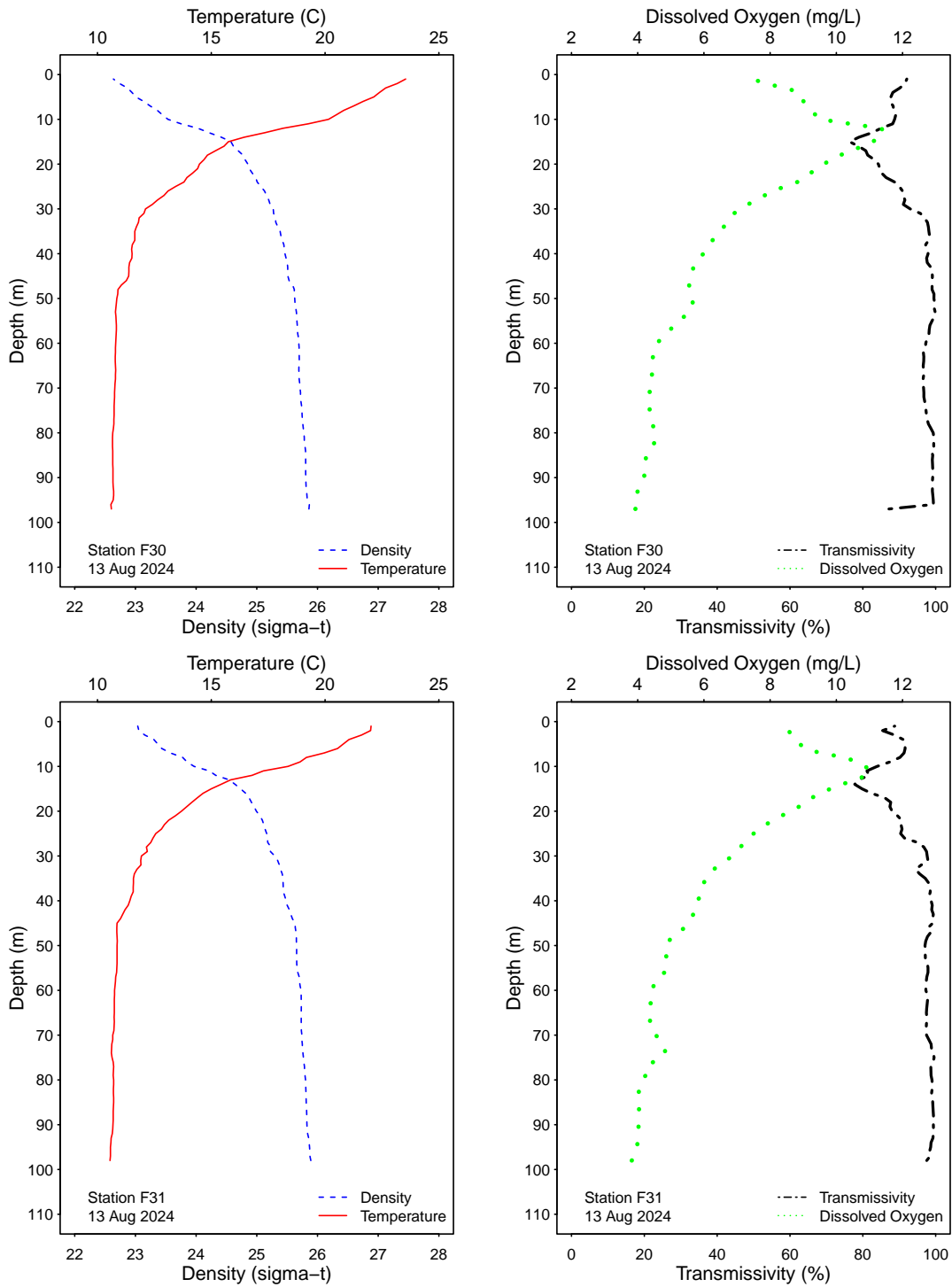


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

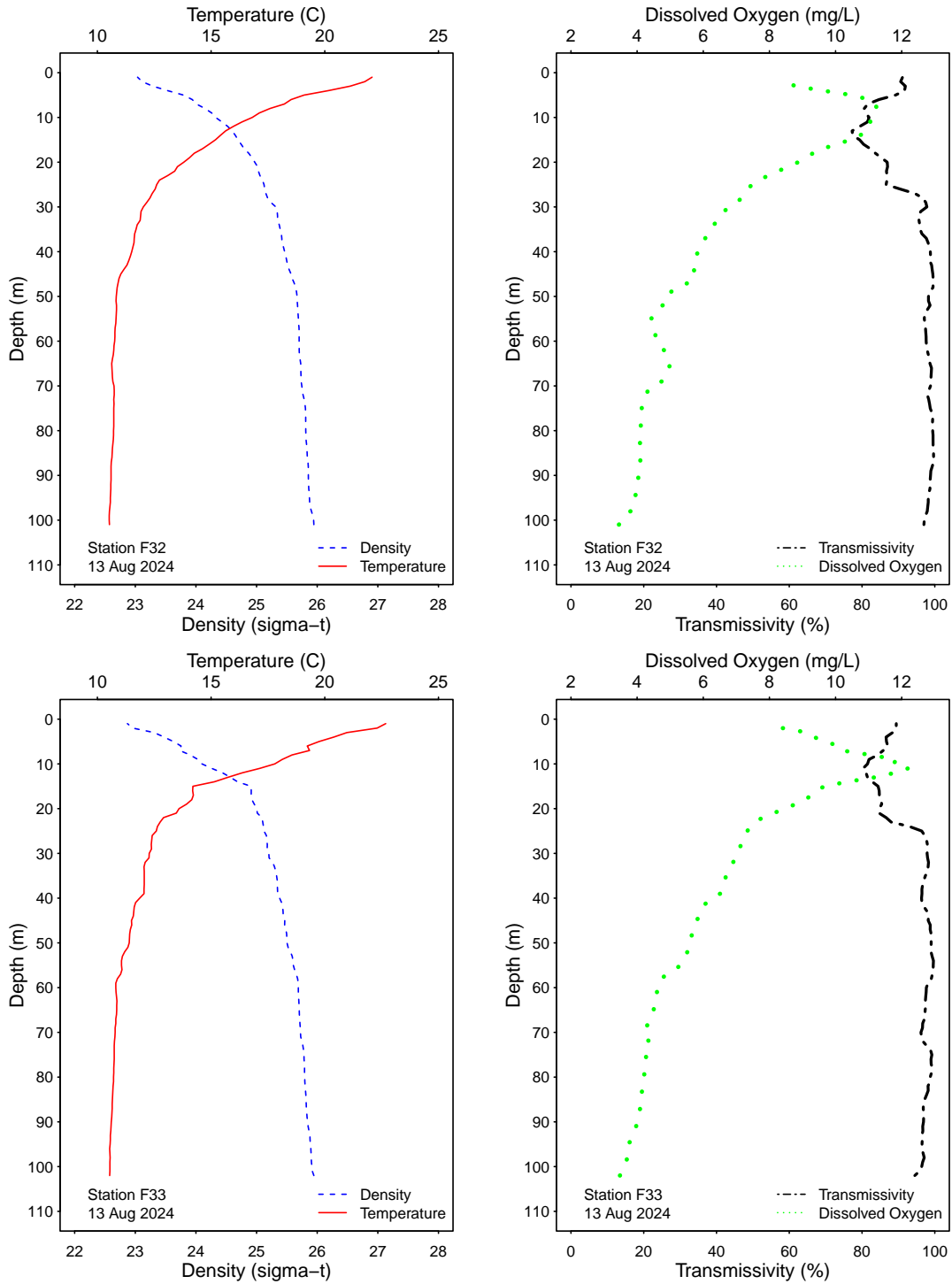


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

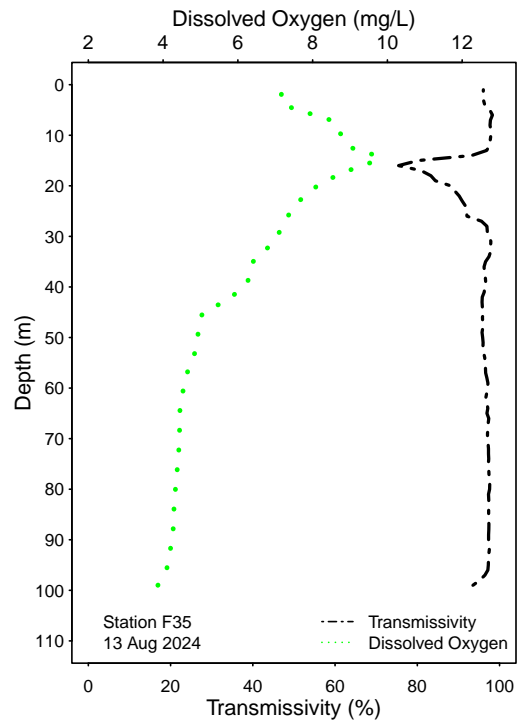
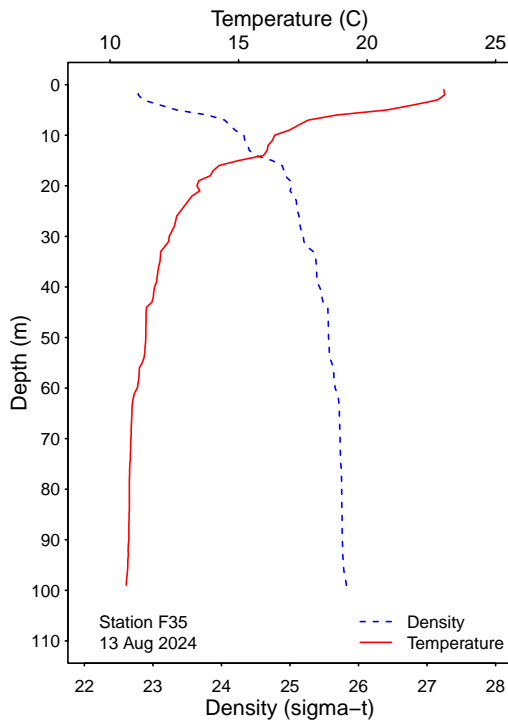
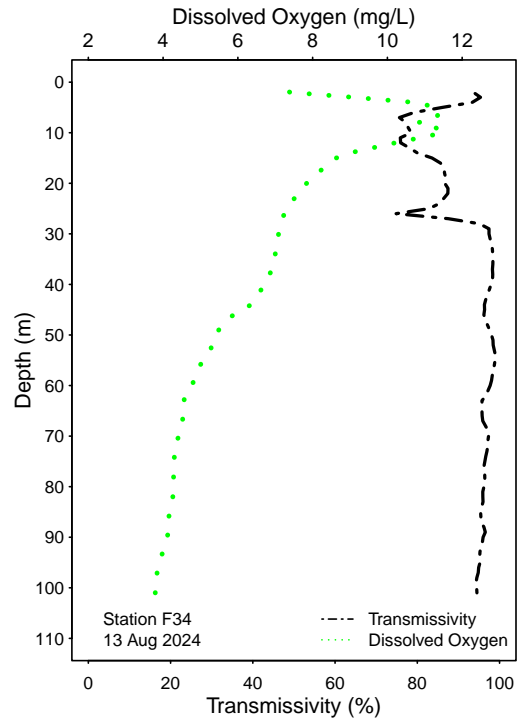
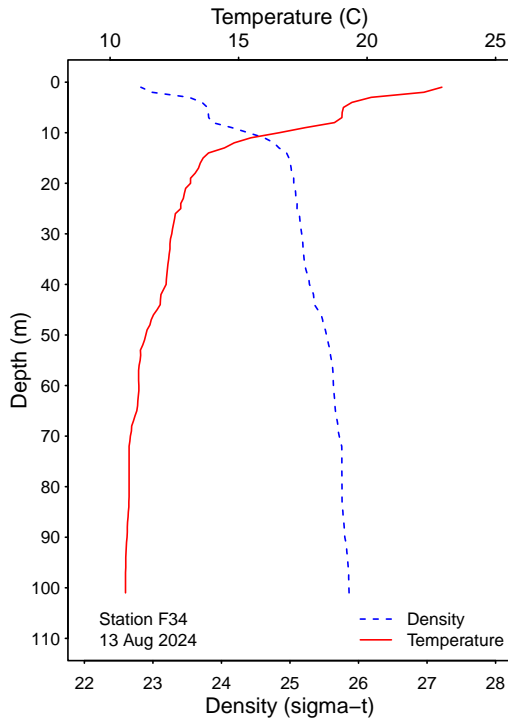


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

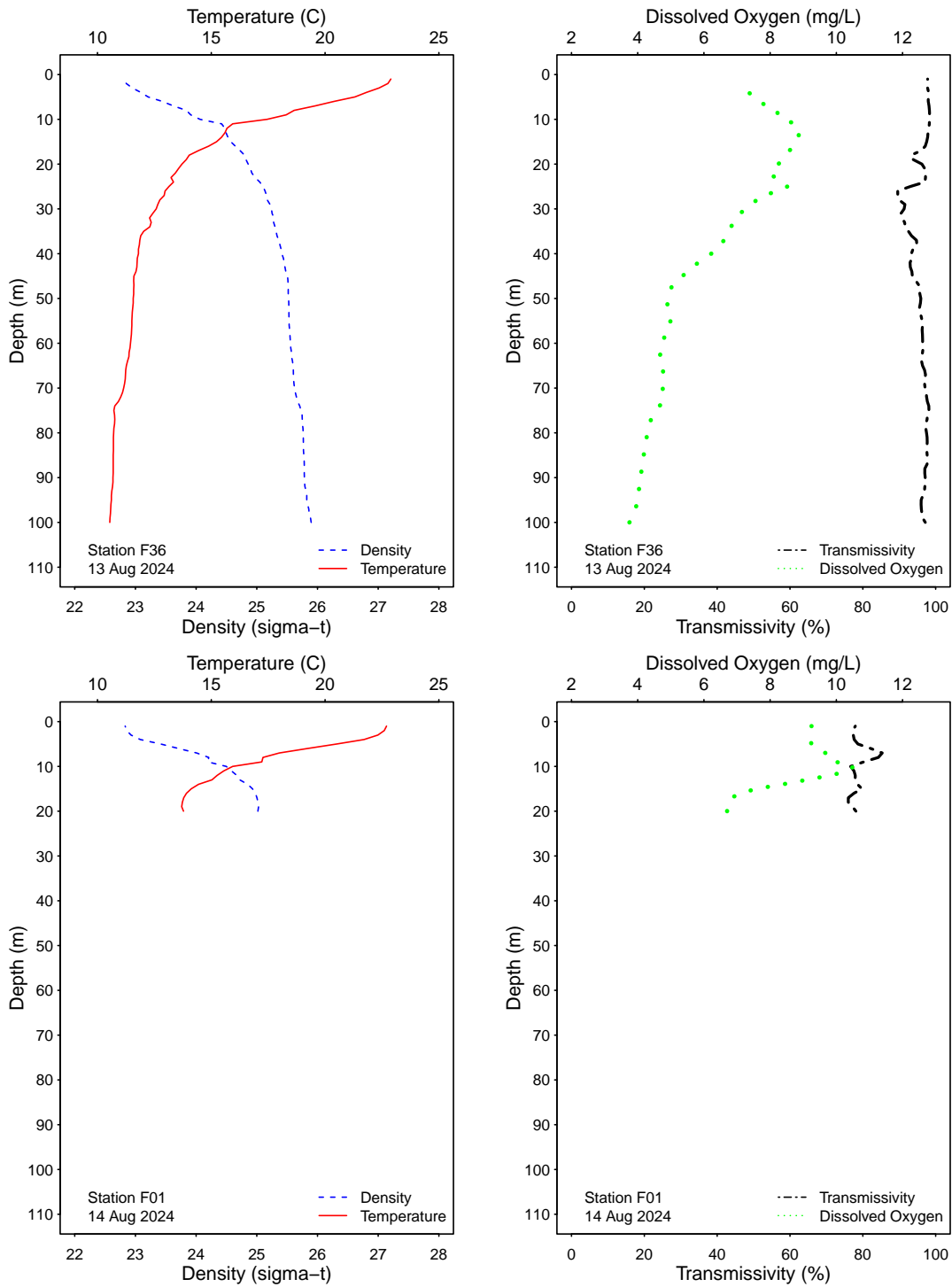


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

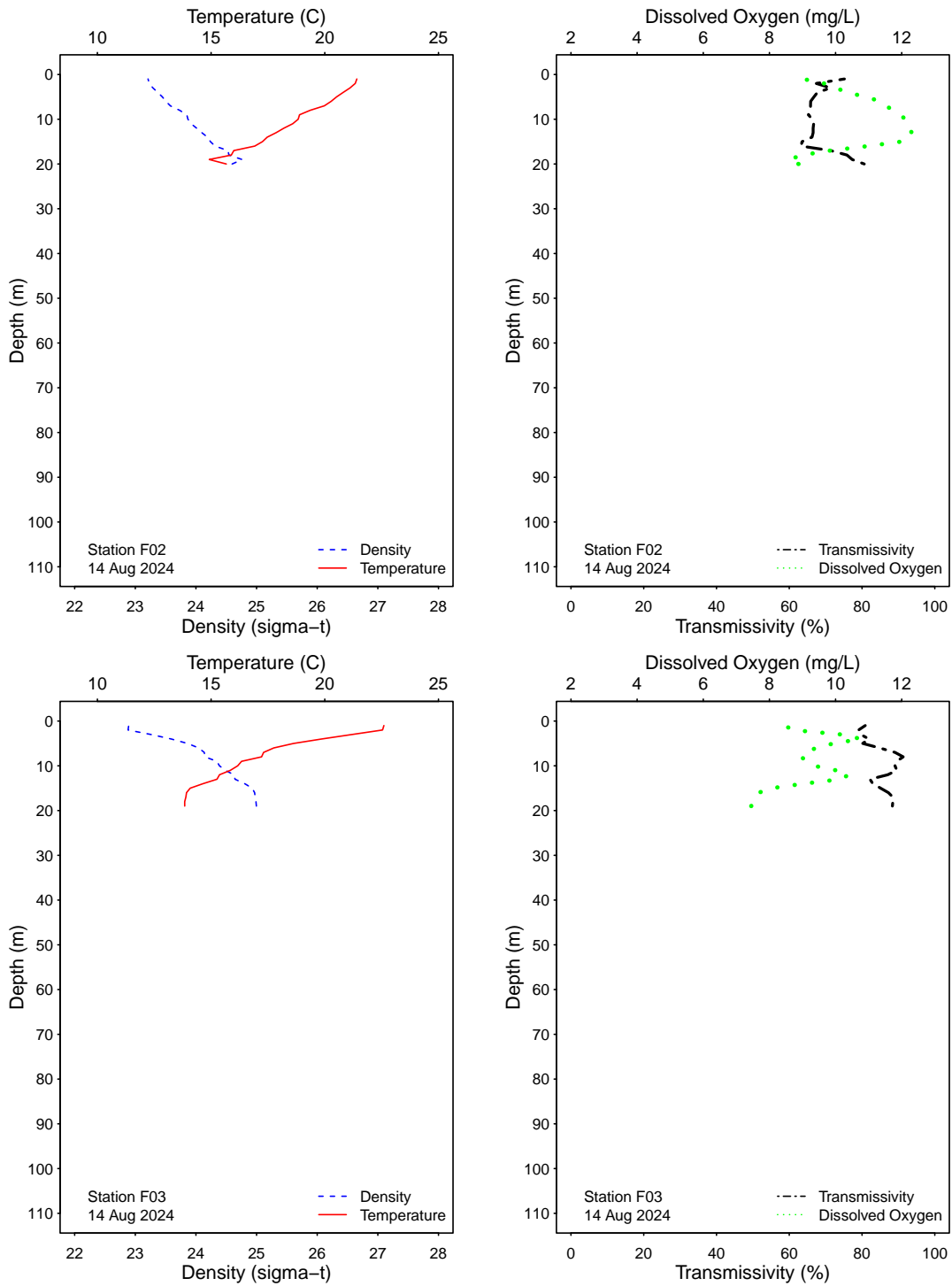


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

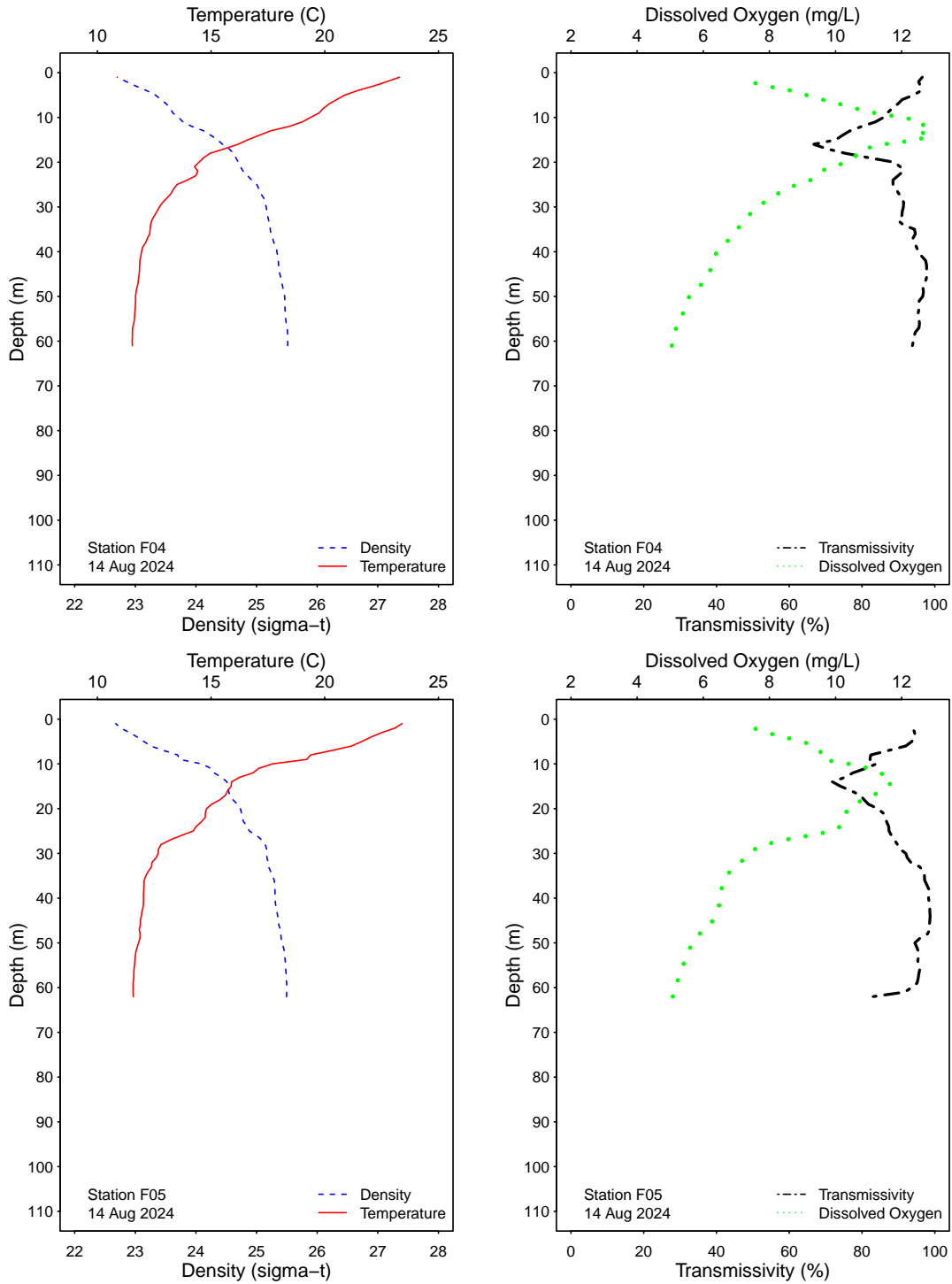


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

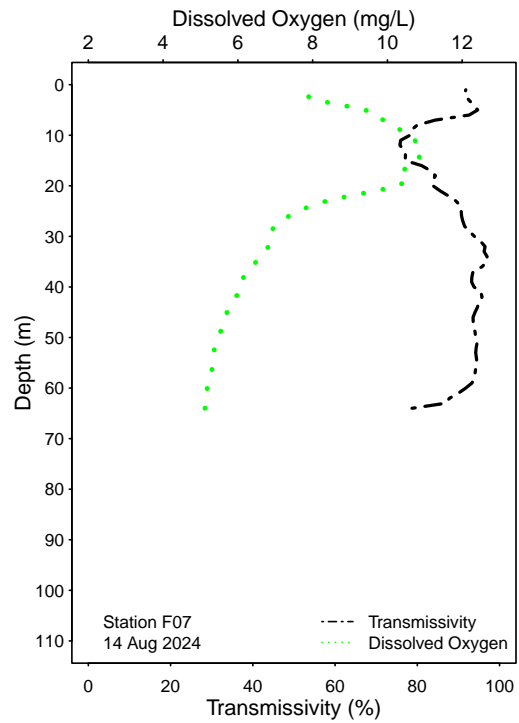
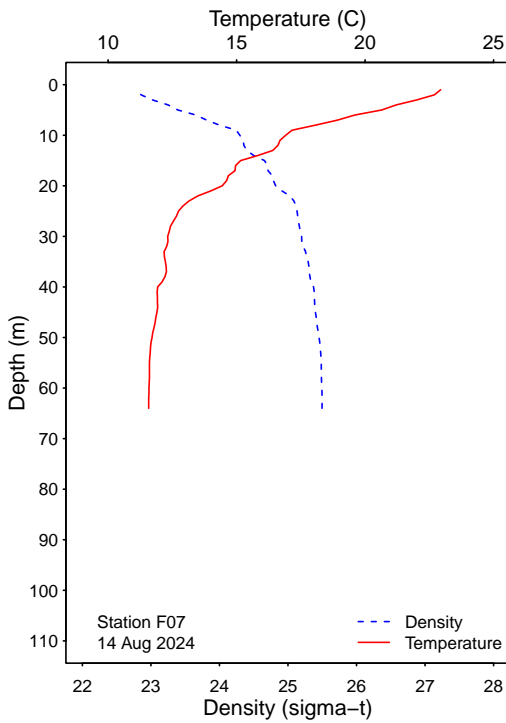
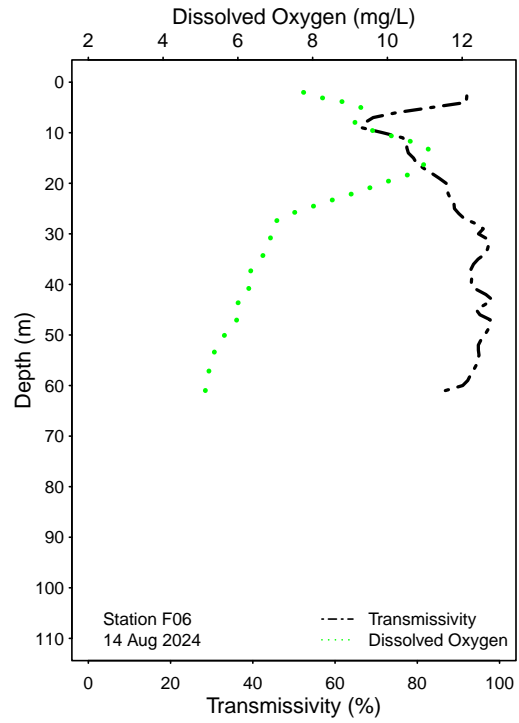
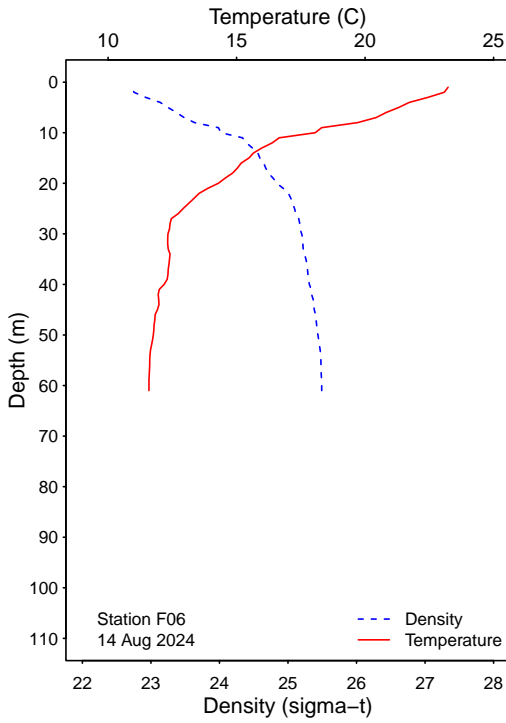


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

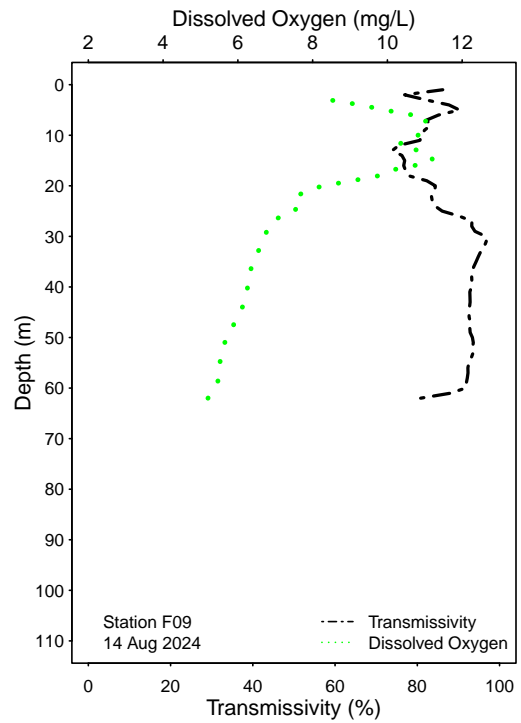
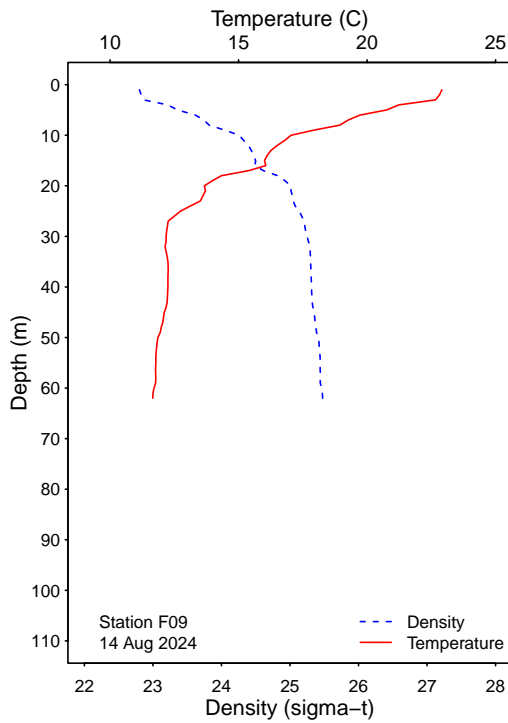
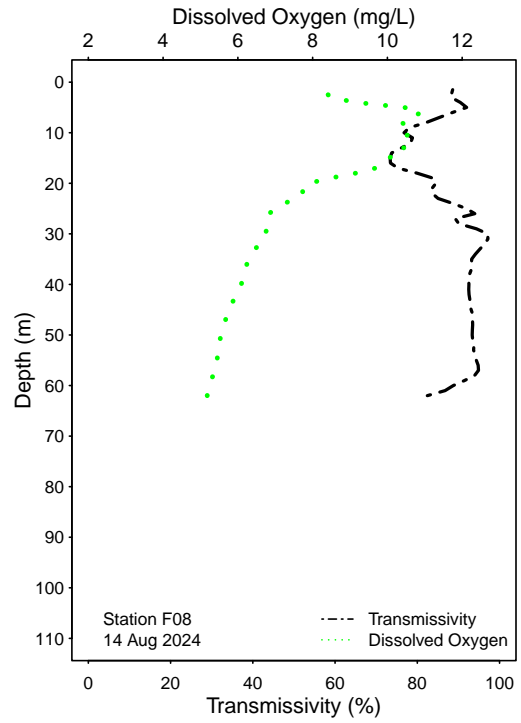
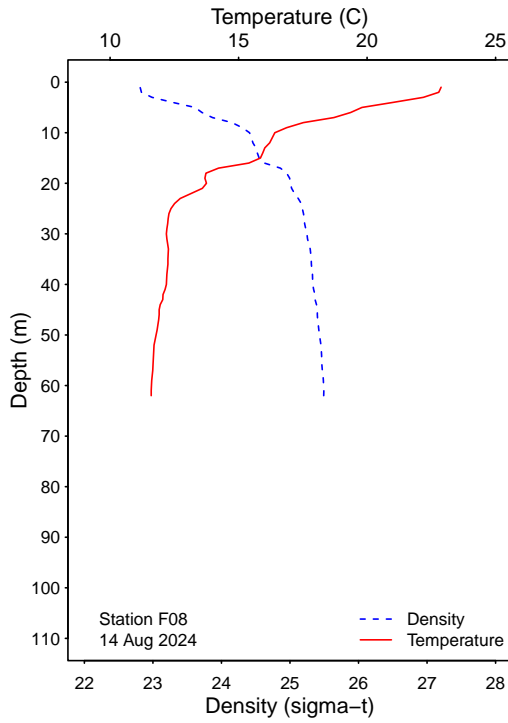


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

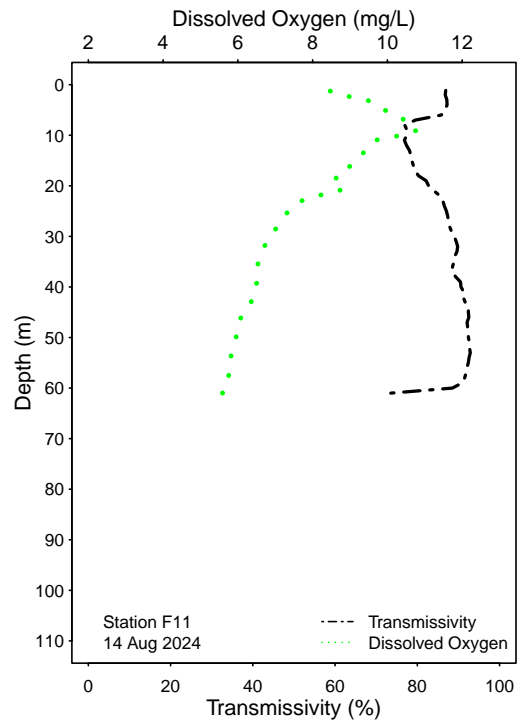
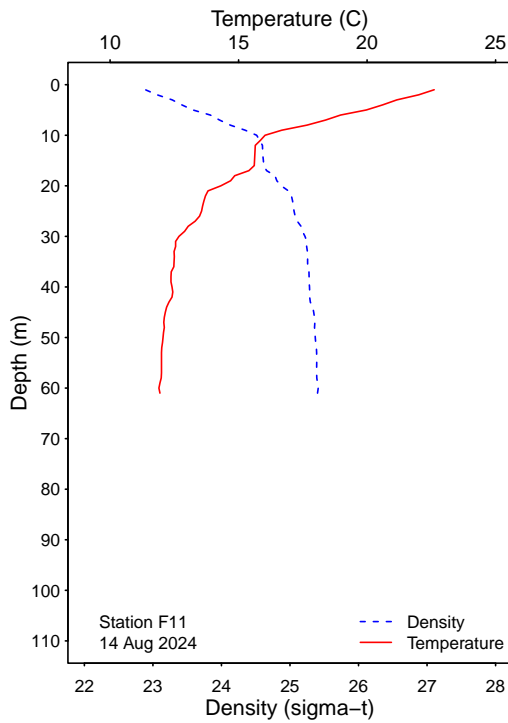
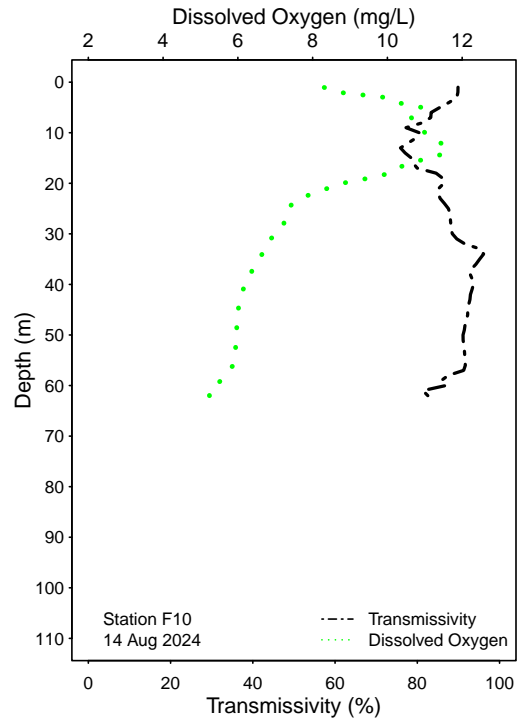
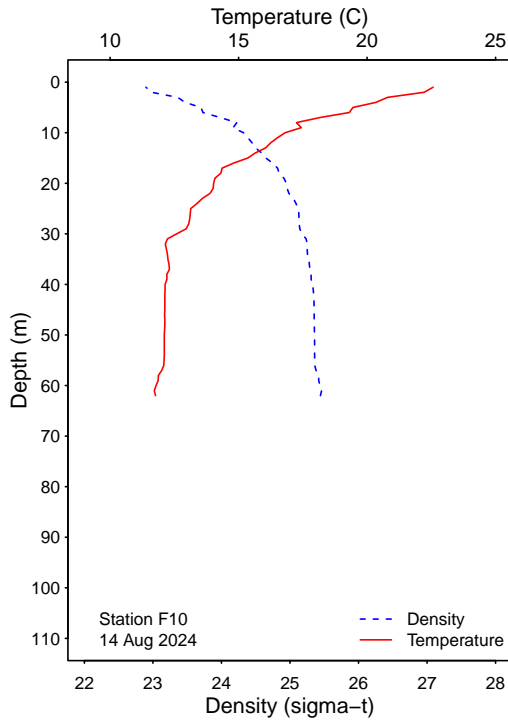


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

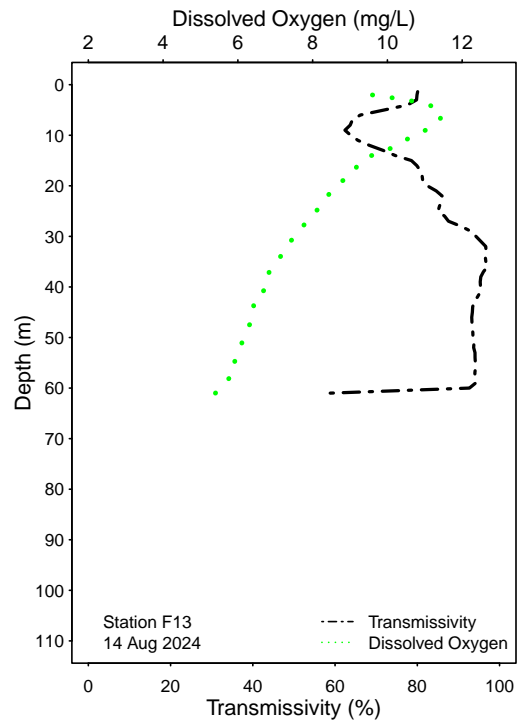
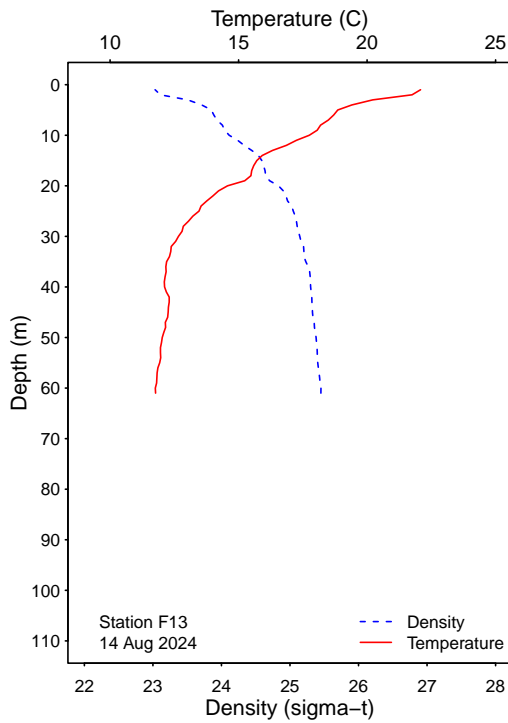
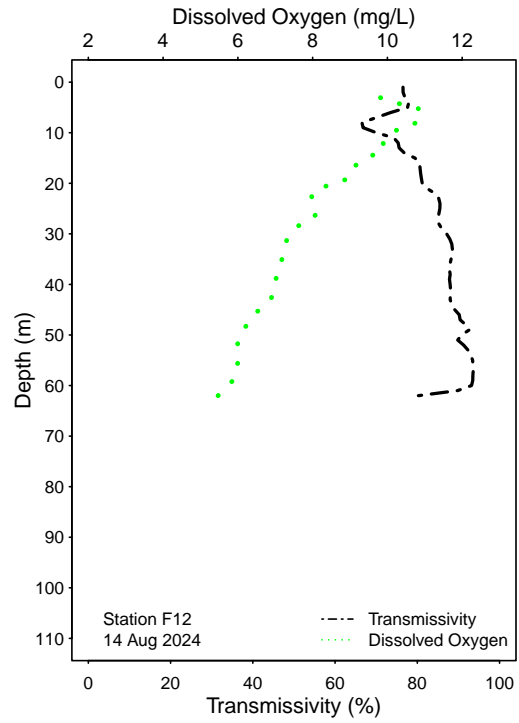
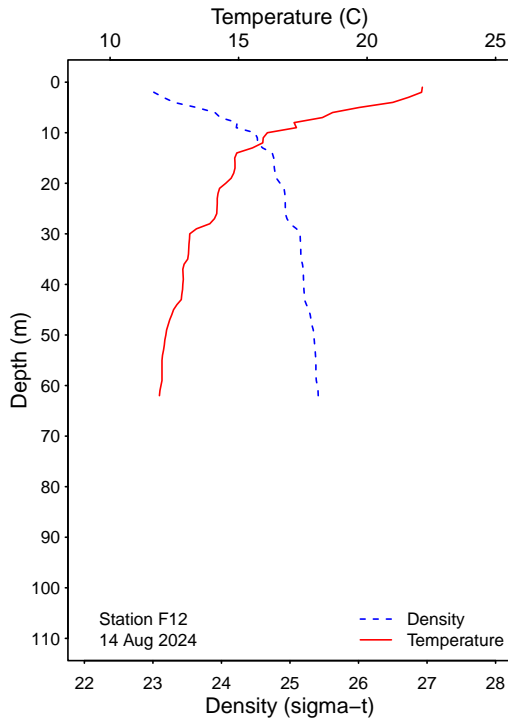


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

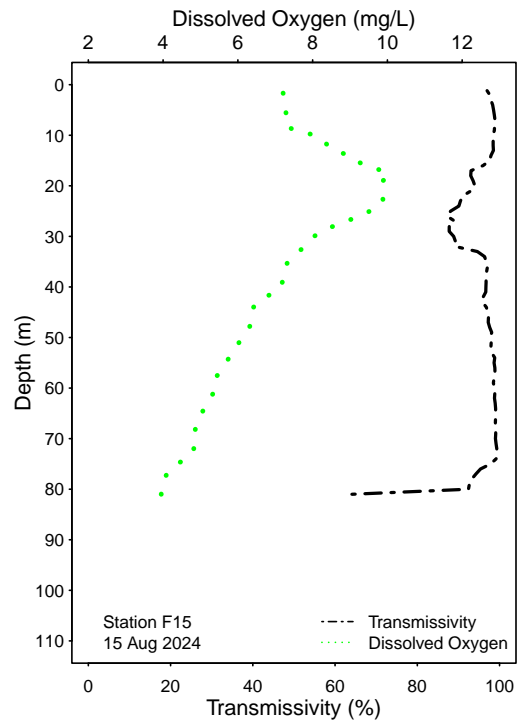
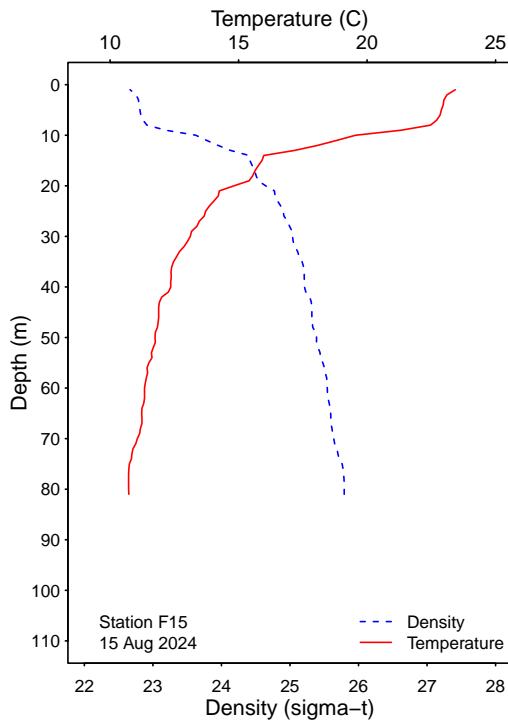
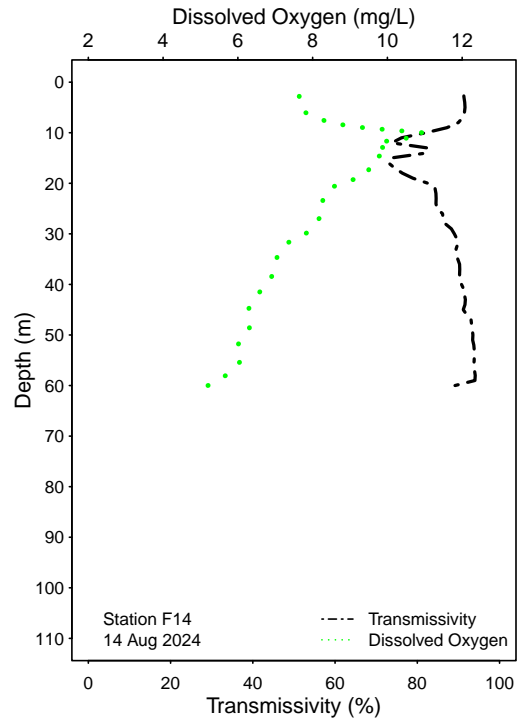
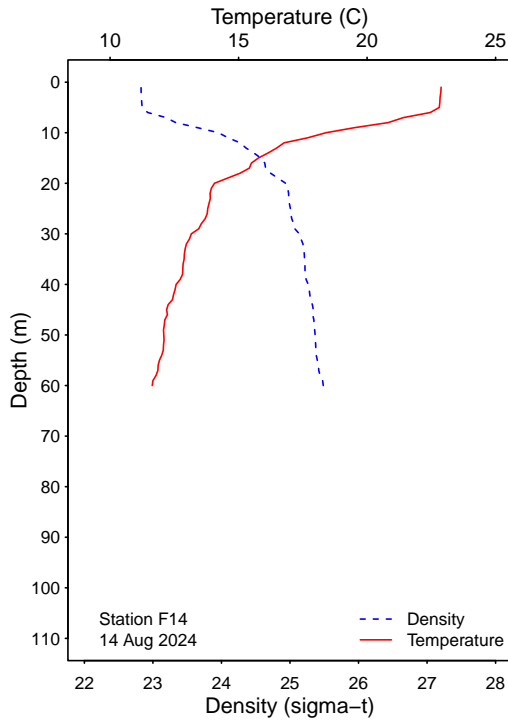


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

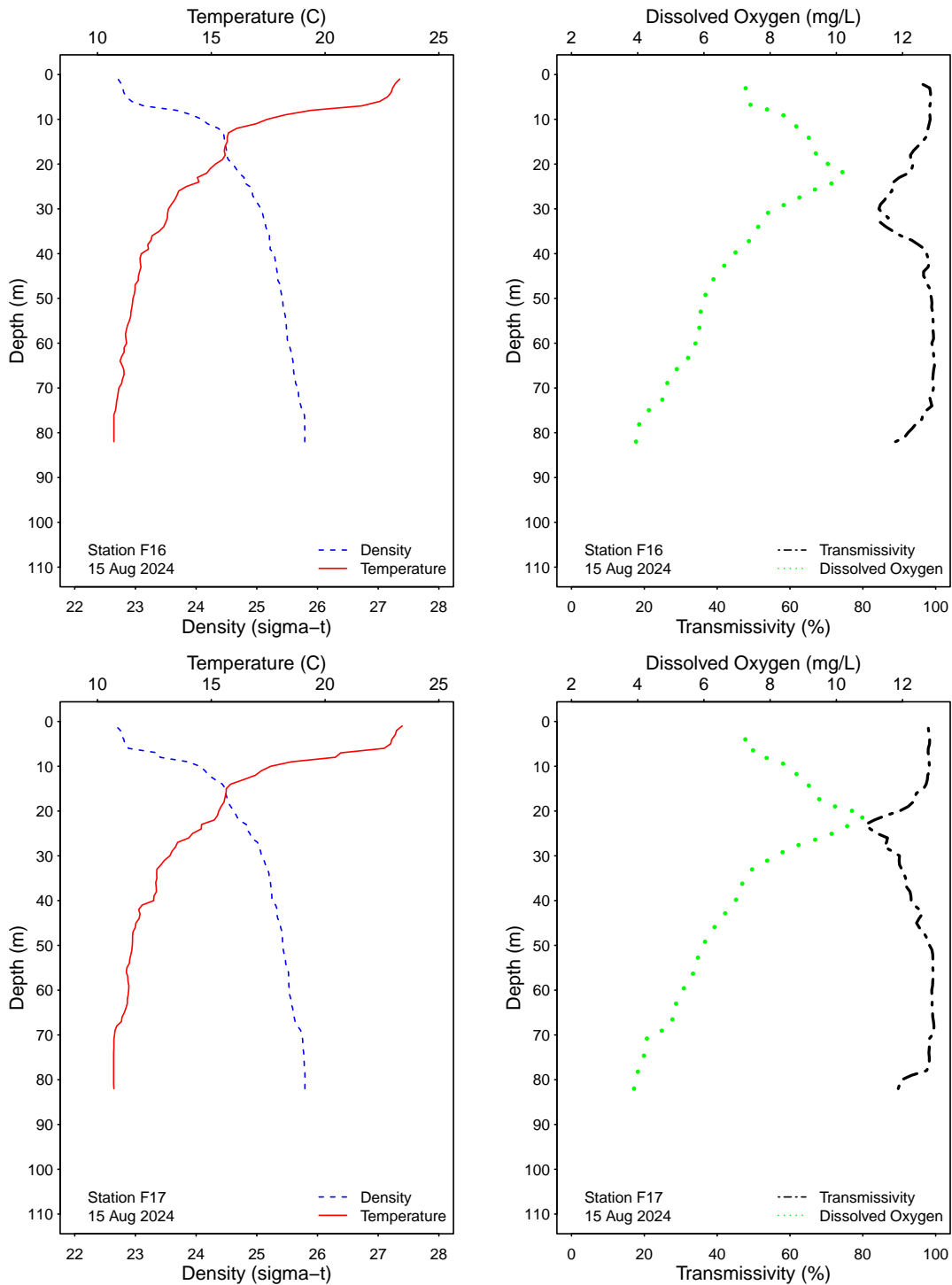


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

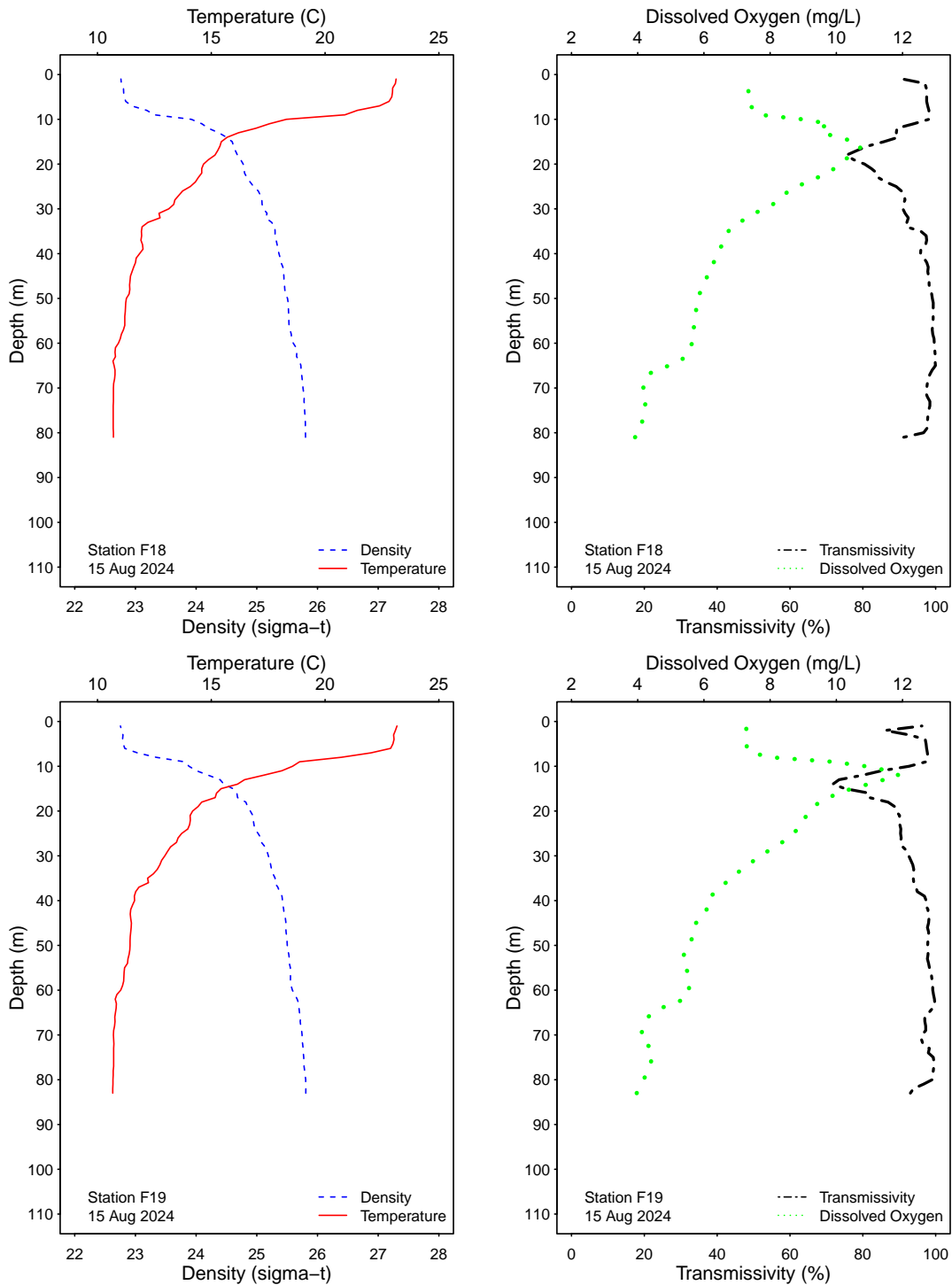


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

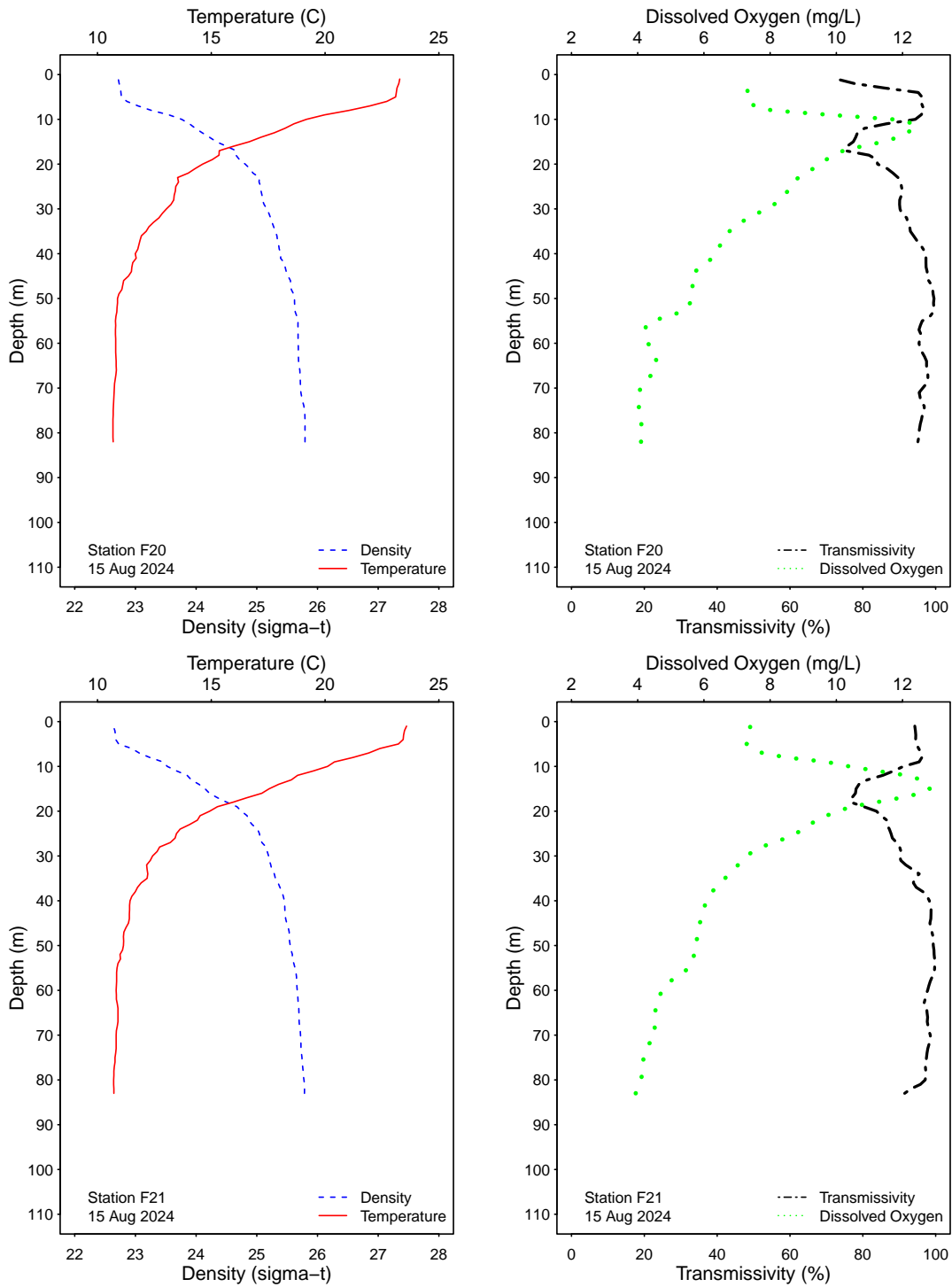


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

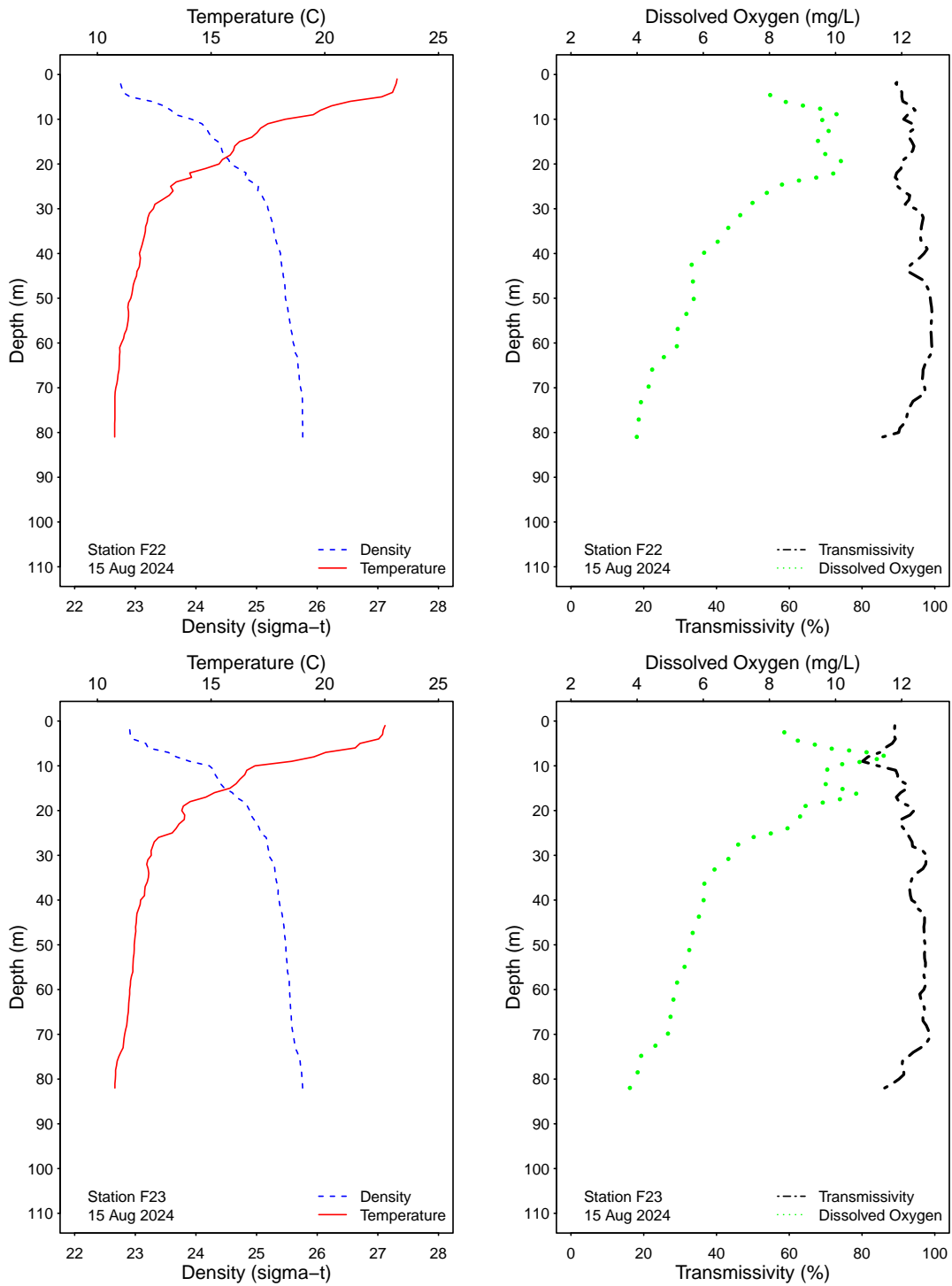


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

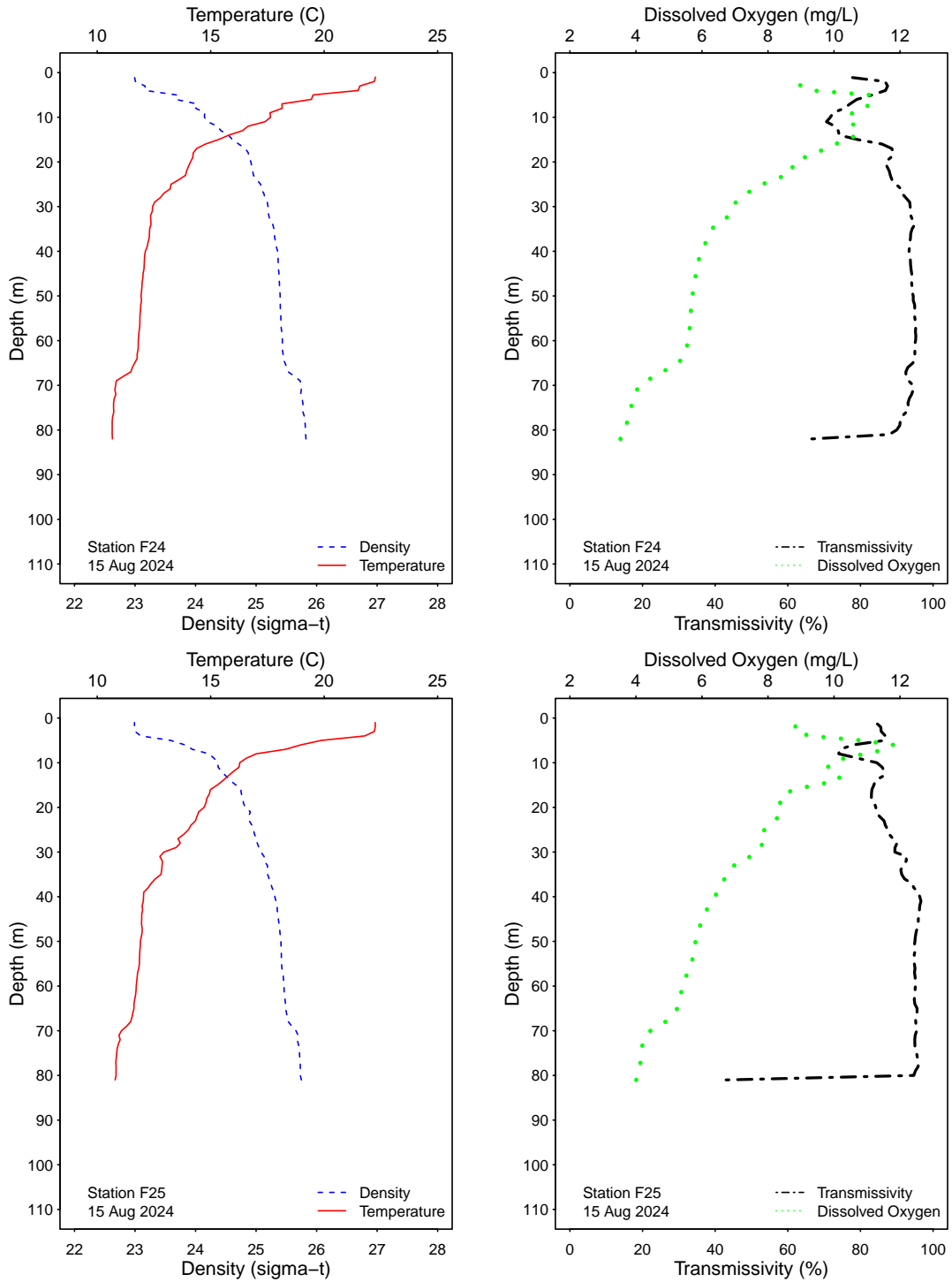


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

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	Entero
F28	13 Aug 2024	60	JF	LAB DUPLICATE	ns	ns	2
F17	15 Aug 2024	80	KT	LAB DUPLICATE	ns	ns	44
F01	14 Aug 2024	12	KT	LAB DUPLICATE	ns	ns	2
F29	13 Aug 2024	60	JF	LAB DUPLICATE	ns	ns	2
F18	15 Aug 2024	60	KT	LAB DUPLICATE	ns	ns	2
F07	14 Aug 2024	60	KT	LAB DUPLICATE	ns	ns	2
F30	13 Aug 2024	60	JF	LAB DUPLICATE	ns	ns	40
F19	15 Aug 2024	60	KT	LAB DUPLICATE	ns	ns	2
F08	14 Aug 2024	60	KT	LAB DUPLICATE	ns	ns	2
A7	05 Aug 2024	18	KT	LAB DUPLICATE	2	2	2
A7	12 Aug 2024	18	KT	LAB DUPLICATE	2	2	2
A7	20 Aug 2024	18	BS	LAB DUPLICATE	2	2	2
A7	27 Aug 2024	18	JF	LAB DUPLICATE	2	2	2
F31	13 Aug 2024	80	JF	LAB DUPLICATE	ns	ns	50
F20	15 Aug 2024	60	KT	LAB DUPLICATE	ns	ns	1000
F32	13 Aug 2024	80	JF	LAB DUPLICATE	ns	ns	2
F21	15 Aug 2024	80	ADG	LAB DUPLICATE	ns	ns	54
C7	05 Aug 2024	18	KT	LAB DUPLICATE	2	2	2
C7	12 Aug 2024	18	KT	LAB DUPLICATE	2	2	2
C7	20 Aug 2024	18	BS	LAB DUPLICATE	2	2	2
C7	27 Aug 2024	18	JF	LAB DUPLICATE	2	2	2
F11	14 Aug 2024	60	KT	LAB DUPLICATE	ns	ns	2
C8	05 Aug 2024	12	KT	LAB DUPLICATE	2	2	2
C8	12 Aug 2024	12	KT	LAB DUPLICATE	2	2	2
C8	20 Aug 2024	12	BS	LAB DUPLICATE	2	2	2
C8	27 Aug 2024	12	JF	LAB DUPLICATE	2	2	2
F34	13 Aug 2024	60	ADG	LAB DUPLICATE	ns	ns	14
F02	14 Aug 2024	12	KT	LAB DUPLICATE	ns	ns	2
D12	07 Aug 2024		JF	FIELD DUPLICATE	20	4	2
D12	07 Aug 2024		JF	LAB DUPLICATE	20	2	4
D12	14 Aug 2024		KA	FIELD DUPLICATE	200	2	2
D12	14 Aug 2024		KA	LAB DUPLICATE	20	2	2
D12	21 Aug 2024		JF	FIELD DUPLICATE	20	2	2
D12	21 Aug 2024		JF	LAB DUPLICATE	20	2	4
D12	28 Aug 2024		JF	FIELD DUPLICATE	20	16	20
D12	28 Aug 2024		JF	LAB DUPLICATE	40	32	20

ns = not sampled

ND = no data

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APPENDIX B

New 2019 Ocean Plan
Water Quality Objectives

Shore Stations

Table B.1

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

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

* 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
August	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table B.3

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

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Aug 2024	*20	*20	*20	*24	*40	*50	*140	*20
02 Aug 2024	*20	*20	*20	*24	*40	*50	*140	*20
03 Aug 2024	*20	*20	*20	*24	*40	*50	*140	*20
04 Aug 2024	*20	*20	*20	*24	*40	*50	*140	*20
05 Aug 2024	*20	*20	*20	*24	*40	*50	*140	*20
06 Aug 2024	*20	*20	*20	*24	*40	*50	*140	*20
07 Aug 2024	20	20	20	20	40	40	80	20
08 Aug 2024	20	20	20	20	40	40	80	20
09 Aug 2024	*20	*20	*110	*20	*40	*50	*70	*20
10 Aug 2024	*20	*20	*110	*20	*40	*50	*70	*20
11 Aug 2024	*20	*20	*110	*20	*40	*50	*70	*20
12 Aug 2024	*20	*20	*110	*20	*40	*50	*70	*20
13 Aug 2024	*20	*20	*110	*20	*40	*50	*70	*20
14 Aug 2024	20	20	200	20	40	40	60	20
15 Aug 2024	20	20	200	20	40	40	60	20
16 Aug 2024	*20	*20	*200	*20	*40	*40	*40	*20
17 Aug 2024	*20	*20	*200	*20	*40	*40	*40	*20
18 Aug 2024	*20	*20	*200	*20	*40	*40	*40	*20
19 Aug 2024	*20	*20	*200	*20	*40	*40	*40	*20
20 Aug 2024	*20	*20	*200	*20	*40	*40	*40	*20
21 Aug 2024	20	20	200	20	40	40	60	20
22 Aug 2024	20	20	200	20	40	40	60	20
23 Aug 2024	*40	*110	*200	*110	*60	*60	*40	*20
24 Aug 2024	*40	*110	*200	*110	*60	*60	*40	*20
25 Aug 2024	*40	*110	*200	*110	*60	*60	*40	*20
26 Aug 2024	*40	*110	*200	*110	*60	*60	*40	*20
27 Aug 2024	*40	*110	*200	*110	*60	*60	*40	*20
28 Aug 2024	60	20	200	20	40	80	20	20
29 Aug 2024	60	20	200	20	40	80	20	20
30 Aug 2024	*130	*110	*200	*110	*60	*120	*40	*20
31 Aug 2024	*130	*110	*200	*110	*60	*120	*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
August	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Kelp Stations

Table B.5

Summary of compliance with the Ocean Plan's 6-week Geometric Mean standard for *Enterococcus* at the PLOO 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 Aug 2024	2	2	2	2	2	2	2	2
02 Aug 2024	2	2	2	2	2	2	2	2
03 Aug 2024	2	2	2	2	2	2	2	2
04 Aug 2024	2	2	2	2	2	2	2	2
05 Aug 2024	2	2	2	2	2	2	2	2
06 Aug 2024	2	2	2	2	2	2	2	2
07 Aug 2024	2	2	2	2	2	2	2	2
08 Aug 2024	2	2	2	2	2	2	2	2
09 Aug 2024	2	2	2	2	2	2	2	2
10 Aug 2024	2	2	2	2	2	2	2	2
11 Aug 2024	2	2	2	2	2	2	2	2
12 Aug 2024	2	2	2	2	2	2	2	2
13 Aug 2024	2	2	2	2	2	2	2	2
14 Aug 2024	2	2	2	2	2	2	2	2
15 Aug 2024	2	2	2	2	2	2	2	2
16 Aug 2024	2	2	2	2	2	2	2	2
17 Aug 2024	2	2	2	2	2	2	2	2
18 Aug 2024	2	2	2	2	2	2	2	2
19 Aug 2024	2	2	2	2	2	2	2	2
20 Aug 2024	2	2	2	2	2	2	2	2
21 Aug 2024	2	2	2	2	2	2	2	2
22 Aug 2024	2	2	2	2	2	2	2	2
23 Aug 2024	2	2	2	2	2	2	2	2
24 Aug 2024	2	2	2	2	2	2	2	2
25 Aug 2024	2	2	2	2	2	2	2	2
26 Aug 2024	2	2	2	2	2	2	2	2
27 Aug 2024	2	2	2	2	2	2	2	2
28 Aug 2024	2	2	2	2	2	2	2	2
29 Aug 2024	2	2	2	2	2	2	2	2
30 Aug 2024	2	2	2	2	2	2	2	2
31 Aug 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
August	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table B.7

Summary of compliance with the Ocean Plan's 30-day 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 Aug 2024	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
02 Aug 2024	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
03 Aug 2024	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
04 Aug 2024	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
05 Aug 2024	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
06 Aug 2024	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
07 Aug 2024	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
08 Aug 2024	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
09 Aug 2024	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
10 Aug 2024	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
11 Aug 2024	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
12 Aug 2024	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13 Aug 2024	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14 Aug 2024	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15 Aug 2024	*11	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
16 Aug 2024	*11	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
17 Aug 2024	*11	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
18 Aug 2024	*11	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
19 Aug 2024	*11	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
20 Aug 2024	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21 Aug 2024	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22 Aug 2024	*2	*2	*2	*2	*2	*2	*2	*2	*2	*11	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
23 Aug 2024	*2	*2	*2	*2	*2	*2	*2	*2	*2	*11	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
24 Aug 2024	*2	*2	*2	*2	*2	*2	*2	*2	*2	*11	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
25 Aug 2024	*2	*2	*2	*2	*2	*2	*2	*2	*2	*11	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
26 Aug 2024	*2	*2	*2	*2	*2	*2	*2	*2	*2	*11	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
27 Aug 2024	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28 Aug 2024	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29 Aug 2024	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30 Aug 2024	*3	*2	*2	*2	*2	*2	*2	*2	*2	*11	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
31 Aug 2024	*3	*2	*2	*2	*2	*2	*2	*2	*2	*11	*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	18m	1m	12m	18m	1m	12m	18m	1m	3m	9m	1m	3m	9m	1m	3m	9m	1m	12m	18m	1m	12m	18m
August	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC

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

Offshore Stations

Table B.9

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

Date	F01	F02	F03	F06	F07	F08	F09	F10	F11	F12	F13	F14	F18	F19	F20
August	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	E

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

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