

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 2023

Environmental Monitoring and Technical Services
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September 30, 2023

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 2023 Monthly Receiving Waters Monitoring Report for the Point Loma Ocean Outfall, Point Loma Wastewater Treatment Plant as required per Order No. R9-2017-0007, NPDES Permit No. CA0107409.

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

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

Sincerely,



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

PV/rk

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

INTRODUCTION

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

MATERIALS AND METHODS

Shore Stations

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

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

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

Kelp Bed Stations

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

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

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

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

Offshore Stations

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

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

Bacteriological Reporting and Quality Assurance

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

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

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

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

Single Sample Maximums:

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

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

Quality controls of bacteriological data include laboratory and field duplicate analyses. Laboratory duplicates are performed on approximately 10% of the water quality samples, while field duplicates are performed six times a month (see Appendix A). Laboratory duplicates represent two aliquots of the original sample that are split in the laboratory and analyzed by the same analyst using identical procedures within the same analytical run. The results of these analyses provide a measure of intra-analyst precision. In contrast, field duplicates represent two separate samples collected at the same time from the same site, which are handled under identical circumstances and treated the same throughout field and lab procedures. The results of these analyses provide a measure of precision associated with sample collection, preservation, storage, and lab procedures. The sign test (see Gilbert, 1987²) is used to statistically compare both the results from the laboratory duplicates, as well as the results from the field duplicates. These data will be further analyzed in the City's 2023 Quality Assurance Report, which will be completed in March 2024.

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 2, 9, 16, 23, and 30.
- During the August report period, one of the eight shore stations was not in compliance with 2015 California Ocean Plan (Ocean Plan) water contact standards, as follows:
 - The Single Sample Maximum (SSM) standard for *Enterococcus* was exceeded at D7.
- A sewage-like odor was observed at station D11 on one or more days in May.
- Over the years, elevated bacteria levels at shore and kelp bed stations have tended to be associated with rainfall events, heavy recreational use, or the presence of seabirds or decaying kelp and surf grass. See the City of San Diego's most recent *Biennial Receiving Waters Monitoring and Assessment Report for the Point Loma and South Bay Ocean Outfalls* for details (<https://www.sandiego.gov/public-utilities/sustainability/ocean-monitoring/reports>).

Kelp Bed Stations

- The eight kelp bed water quality stations (A1, A6, A7, C4, C5, C6, C7, C8) were sampled on August 4, 7, 14, 23, and 28.

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 bed stations was in compliance with the various 2015 Ocean Plan water contact standards.
- Water column temperatures ranged from 12.07 to 21.31°C. The difference between surface and bottom waters ranged from 0.35 to 7.93°C.
- Chlorophyll *a* concentrations ranged from 0.33 to 9.36 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 15, 16, and 17.
- 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 SSM standard for *Enterococcus* was exceeded at stations F20.
- Of the remaining 21 offshore stations, elevated densities of *Enterococcus* bacteria (i.e., >104 CFU/100 mL) were detected at stations F28, F29, and F30 at depths ≥ 80 meters.
- Water column temperatures ranged from 10.61 to 21.4°C. The difference between surface and bottom waters ranged from 4.55 to 10.62°C.
- Chlorophyll *a* concentrations ranged from 0.14 to 3.63 µg/L at the offshore stations.
- Nothing of sewage origin was observed at any of the PLOO offshore stations.
- CDOM data are available upon request.



TABLES AND FIGURES

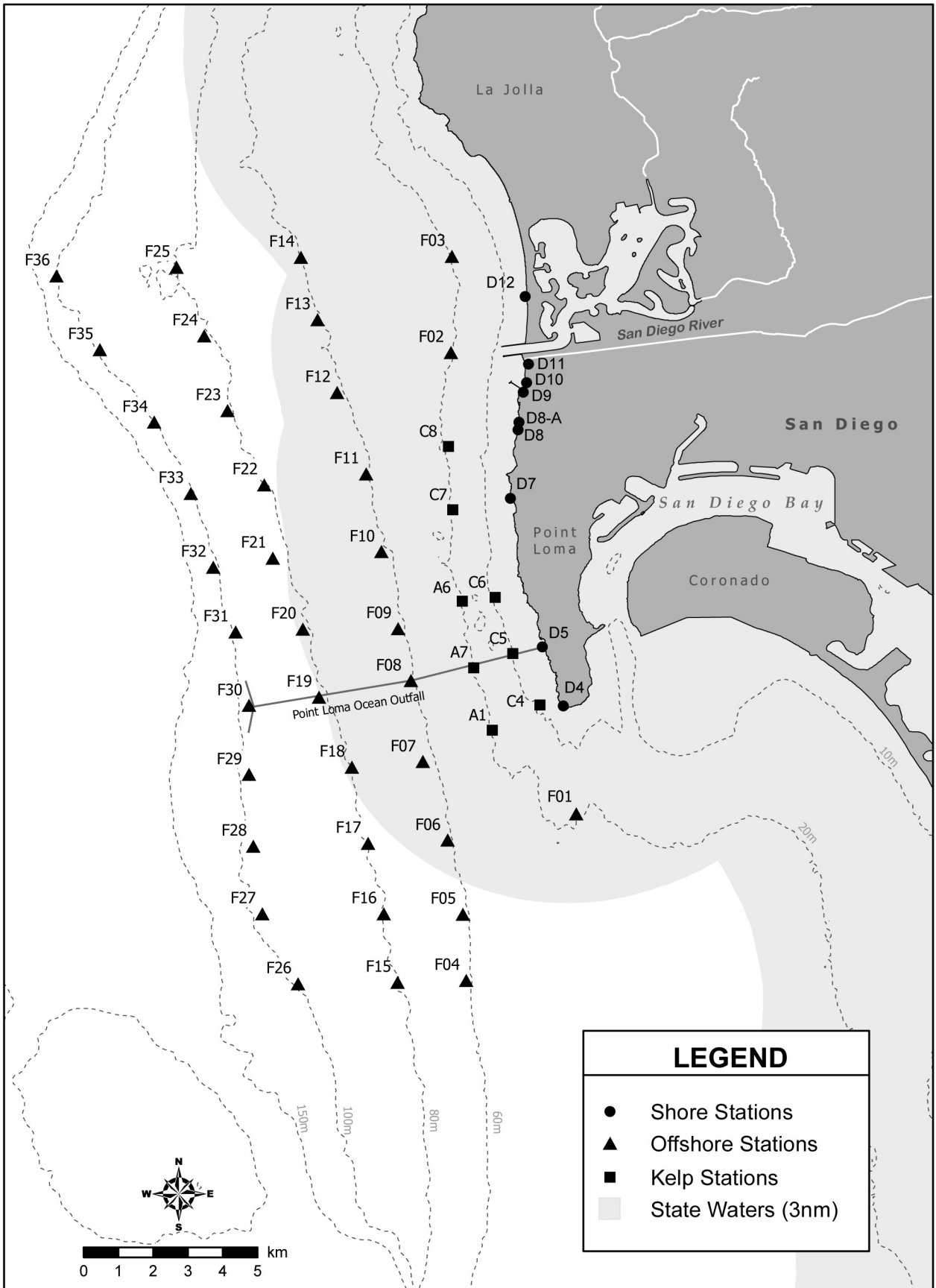


Figure 1.1 Station Map

Shore Stations

Table 2.1

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 geometric mean of the five most recent samples from each site over the previous 30 days unless otherwise noted (*). Values >1,000 CFU/100 mL exceed the standard.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Aug 2023	36	26	63	79	14	50	36	36
02 Aug 2023	32	25	80	118	19	62	45	50
03 Aug 2023	32	25	80	118	19	62	45	50
04 Aug 2023	20	26	63	104	19	46	31	36
05 Aug 2023	20	26	63	104	19	46	31	36
06 Aug 2023	20	26	63	104	19	46	31	36
07 Aug 2023	20	26	63	104	19	46	31	36
08 Aug 2023	20	26	63	104	19	46	31	36
09 Aug 2023	20	39	80	75	24	49	45	32
10 Aug 2023	20	39	80	75	24	49	45	32
11 Aug 2023	20	47	63	58	34	51	56	36
12 Aug 2023	20	47	63	58	34	51	56	36
13 Aug 2023	20	47	63	58	34	51	56	36
14 Aug 2023	20	47	63	58	34	51	56	36
15 Aug 2023	20	47	63	58	34	51	56	36
16 Aug 2023	20	39	145	62	48	49	72	32
17 Aug 2023	20	39	145	62	48	49	72	32
18 Aug 2023	20	47	238	79	81	61	99	36
19 Aug 2023	20	47	238	79	81	61	99	36
20 Aug 2023	20	47	238	79	81	61	99	36
21 Aug 2023	20	47	238	79	81	61	99	36
22 Aug 2023	20	47	238	79	81	61	99	36
23 Aug 2023	32	63	230	95	97	77	184	50
24 Aug 2023	32	63	230	95	97	77	184	50
25 Aug 2023	36	63	423	118	110	91	321	63
26 Aug 2023	36	63	423	118	110	91	321	63
27 Aug 2023	36	63	423	118	110	91	321	63
28 Aug 2023	36	63	423	118	110	91	321	63
29 Aug 2023	36	63	423	118	110	91	321	63
30 Aug 2023	32	58	364	131	103	132	292	50
31 Aug 2023	32	58	364	131	103	132	292	50

* Geometric mean calculated using n<5
 ns = not sampled

Table 2.2

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 2023	2	2	2	3	4	6	6	2
02 Aug 2023	3	2	2	5	5	7	8	3
03 Aug 2023	3	2	2	5	5	7	8	3
04 Aug 2023	3	2	2	5	4	7	7	3
05 Aug 2023	3	2	2	5	4	7	7	3
06 Aug 2023	3	2	2	5	4	7	7	3
07 Aug 2023	3	2	2	5	4	7	7	3
08 Aug 2023	3	2	2	5	4	7	7	3
09 Aug 2023	3	3	2	6	3	9	8	3
10 Aug 2023	3	3	2	6	3	9	8	3
11 Aug 2023	3	3	2	9	4	13	12	3
12 Aug 2023	3	3	2	9	4	13	12	3
13 Aug 2023	3	3	2	9	4	13	12	3
14 Aug 2023	3	3	2	9	4	13	12	3
15 Aug 2023	3	3	2	9	4	13	12	3
16 Aug 2023	3	3	5	10	3	12	15	4
17 Aug 2023	3	3	5	10	3	12	15	4
18 Aug 2023	3	3	6	15	3	11	14	5
19 Aug 2023	3	3	6	15	3	11	14	5
20 Aug 2023	3	3	6	15	3	11	14	5
21 Aug 2023	3	3	6	15	3	11	14	5
22 Aug 2023	3	3	6	15	3	11	14	5
23 Aug 2023	3	3	5	13	3	12	23	6
24 Aug 2023	3	3	5	13	3	12	23	6
25 Aug 2023	4	3	6	22	3	16	43	8
26 Aug 2023	4	3	6	22	3	16	43	8
27 Aug 2023	4	3	6	22	3	16	43	8
28 Aug 2023	4	3	6	22	3	16	43	8
29 Aug 2023	4	3	6	22	3	16	43	8
30 Aug 2023	4	3	11	23	5	21	37	7
31 Aug 2023	4	3	11	23	5	21	37	7

* Geometric mean calculated using n<5
 ns = not sampled

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 30 days unless otherwise noted (*). Values >35 CFU/100 mL exceed the standard.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Aug 2023	2	2	3	3	2	9	6	3
02 Aug 2023	2	2	3	3	2	13	8	4
03 Aug 2023	2	2	3	3	2	13	8	4
04 Aug 2023	2	2	2	3	2	19	7	4
05 Aug 2023	2	2	2	3	2	19	7	4
06 Aug 2023	2	2	2	3	2	19	7	4
07 Aug 2023	2	2	2	3	2	19	7	4
08 Aug 2023	2	2	2	3	2	19	7	4
09 Aug 2023	2	2	2	3	2	13	11	3
10 Aug 2023	2	2	2	3	2	13	11	3
11 Aug 2023	2	2	2	3	2	19	17	4
12 Aug 2023	2	2	2	3	2	19	17	4
13 Aug 2023	2	2	2	3	2	19	17	4
14 Aug 2023	2	2	2	3	2	19	17	4
15 Aug 2023	2	2	2	3	2	19	17	4
16 Aug 2023	2	2	6	3	2	17	14	3
17 Aug 2023	2	2	8	3	2	17	14	3
18 Aug 2023	2	2	11	3	2	18	13	4
19 Aug 2023	2	2	11	3	2	18	13	4
20 Aug 2023	2	2	11	3	2	18	13	4
21 Aug 2023	2	2	11	3	2	18	13	4
22 Aug 2023	2	2	11	3	2	18	13	4
23 Aug 2023	2	2	11	4	2	13	16	3
24 Aug 2023	2	2	11	4	2	13	16	3
25 Aug 2023	2	2	15	4	2	6	27	4
26 Aug 2023	2	2	15	4	2	7	27	4
27 Aug 2023	2	2	15	4	2	7	27	4
28 Aug 2023	2	2	15	4	2	7	27	4
29 Aug 2023	2	2	15	4	2	7	27	4
30 Aug 2023	2	2	16	7	3	11	33	4
31 Aug 2023	2	2	16	7	3	11	33	4

* Geometric mean calculated using n<5
 ns = not sampled

Table 2.4

Summary of compliance at the PLOO shore stations with the Ocean Plan's Single Sample Maximum standard for total coliform bacteria, which states that total coliform density shall not exceed 10,000 CFU/100 mL.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
02 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
09 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
16 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
23 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
30 Aug 2023	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 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
02 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
09 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
16 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
23 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
30 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 2.6

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
02 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
09 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
16 Aug 2023	IC	IC	E	IC	IC	IC	IC	IC
17 Aug 2023	ns	ns	IC	ns	ns	ns	ns	ns
23 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
30 Aug 2023	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
02 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
09 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
16 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
23 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
30 Aug 2023	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 total coliform (Total), fecal coliform (Fecal), and *Enterococcus* (Entero) are reported as CFU/100 mL. The fecal:total coliform ratio (F:T) is unitless. Comments follow the data summary.

Station	Date	Time	Total	Fecal	Entero	F:T
D4	02 Aug 2023	944	20e	8e	2e	0.40
D4	09 Aug 2023	918	<20	4e	<2	0.20
D4	16 Aug 2023	905	<20	<2	<2	0.10
D4	23 Aug 2023	932	<200	4e	<2	0.02
D4	30 Aug 2023	921	<20	4e	4e	0.20
D5	02 Aug 2023	933	<20	<2	2e	0.10
D5	09 Aug 2023	906	<200	6e	<2	0.03
D5	16 Aug 2023	855	<20	<2	<2	0.10
D5	23 Aug 2023	918	<200	2e	<2	0.01
D5	30 Aug 2023	909	40e	8e	2e	0.20
D7	02 Aug 2023	859	<200	2e	2e	0.01
D7	09 Aug 2023	843	<200	2e	2e	0.01
D7	16 Aug 2023	834	4000	220e	360e	0.06
D7	17 Aug 2023	903	ns	ns	60e	ns
D7	23 Aug 2023	854	200e	2e	8e	0.01
D7	30 Aug 2023	844	200e	80e	28e	0.40
D8-B	02 Aug 2023	846	600e	70	8e	0.12
D8-B	09 Aug 2023	831	20e	<20	<2	1.00
D8-B	16 Aug 2023	822	80e	<20	4e	0.25
D8-B	23 Aug 2023	842	200e	8e	6e	0.04
D8-B	30 Aug 2023	833	200e	30e	32e	0.15
D9	02 Aug 2023	837	60e	6e	2e	0.10
D9	09 Aug 2023	821	60e	2e	<2	0.03
D9	16 Aug 2023	814	200e	<2	<2	0.01
D9	23 Aug 2023	830	200e	4e	<2	0.02
D9	30 Aug 2023	825	80e	30e	22e	0.38
D10	02 Aug 2023	821	140e	20e	68	0.14
D10	09 Aug 2023	812	60e	<20	<2	0.33
D10	16 Aug 2023	806	40e	8e	10e	0.20
D10	23 Aug 2023	822	200e	<20	2e	0.10
D10	30 Aug 2023	816	600e	60e	66	0.10
D11	02 Aug 2023	809	120e	26e	36e	0.22
D11	09 Aug 2023	800	<200	20e	66	0.10
D11	16 Aug 2023	758	<200	40e	6e	0.20
D11	23 Aug 2023	814	>=2200	160e	40e	0.07
D11	30 Aug 2023	803	<200	20e	68	0.10
D12	02 Aug 2023	748	<200	14e	20e	0.07
D12	09 Aug 2023	742	<20	2e	<2	0.10
D12	16 Aug 2023	745	<20	8e	2e	0.40
D12	23 Aug 2023	759	200e	<20	2e	0.10
D12	30 Aug 2023	748	<20	4e	8e	0.20

ns = not sampled

ND = no data

Comments

Station	Date	Depth	Parameter	Comments
	16 Aug 2023			mFC Negative QC was likely contaminated during analyst set up. Follow-up QC on 8/17 passed, and it is not believed to have affected the results.
D7	17 Aug 2023			Resample

Table 2.9

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

Station	Date	Parameter	Value
D4	02 Aug 2023	Arrive Time	944
D4	02 Aug 2023	Weather	Partly cloudy
D4	02 Aug 2023	Wind Speed (kts)	3.6
D4	02 Aug 2023	Wind Dir	NW
D4	02 Aug 2023	Animal Life	
D4	02 Aug 2023	Floatables	None
D4	02 Aug 2023	Water Color	Green
D4	02 Aug 2023	Current Direction	S
D4	02 Aug 2023	Water Temp (C)	21
D4	02 Aug 2023	Wave Height Low (ft)	2
D4	02 Aug 2023	High Tide (ft)	4.41
D4	02 Aug 2023	High Tide Time	1051
D4	02 Aug 2023	Low Tide (ft)	-1.39
D4	02 Aug 2023	Low Tide Time	441
D4	02 Aug 2023	Comments	Water clear; Trash-1; Kelp;Algae;Seagrass
D4	09 Aug 2023	Arrive Time	918
D4	09 Aug 2023	Weather	Partly cloudy
D4	09 Aug 2023	Wind Speed (kts)	1.3
D4	09 Aug 2023	Wind Dir	NW
D4	09 Aug 2023	Animal Life	
D4	09 Aug 2023	Floatables	None
D4	09 Aug 2023	Water Color	Green
D4	09 Aug 2023	Current Direction	S
D4	09 Aug 2023	Water Temp (C)	22
D4	09 Aug 2023	Wave Height Low (ft)	3
D4	09 Aug 2023	High Tide (ft)	2.98
D4	09 Aug 2023	High Tide Time	538
D4	09 Aug 2023	Low Tide (ft)	2.49
D4	09 Aug 2023	Low Tide Time	952
D4	09 Aug 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D4	16 Aug 2023	Arrive Time	905
D4	16 Aug 2023	Weather	Partly cloudy
D4	16 Aug 2023	Wind Speed (kts)	0.7
D4	16 Aug 2023	Wind Dir	N
D4	16 Aug 2023	Animal Life	
D4	16 Aug 2023	Floatables	None
D4	16 Aug 2023	Water Color	Green
D4	16 Aug 2023	Current Direction	S
D4	16 Aug 2023	Water Temp (C)	16
D4	16 Aug 2023	Wave Height Low (ft)	2
D4	16 Aug 2023	High Tide (ft)	4.16
D4	16 Aug 2023	High Tide Time	1027
D4	16 Aug 2023	Low Tide (ft)	-0.2
D4	16 Aug 2023	Low Tide Time	419
D4	16 Aug 2023	Comments	Water clear; Trash-1; Algae;Debris
D4	23 Aug 2023	Arrive Time	932
D4	23 Aug 2023	Weather	Hazy
D4	23 Aug 2023	Wind Speed (kts)	2.4
D4	23 Aug 2023	Wind Dir	NW
D4	23 Aug 2023	Animal Life	Bird-1;
D4	23 Aug 2023	Floatables	None
D4	23 Aug 2023	Water Color	Green
D4	23 Aug 2023	Current Direction	S

Station	Date	Parameter	Value
D4	23 Aug 2023	Water Temp (C)	20
D4	23 Aug 2023	Wave Height Low (ft)	3
D4	23 Aug 2023	High Tide (ft)	3.01
D4	23 Aug 2023	High Tide Time	152
D4	23 Aug 2023	Low Tide (ft)	2.15
D4	23 Aug 2023	Low Tide Time	643
D4	23 Aug 2023	Comments	Water clear; Trash-1; Algae
D4	30 Aug 2023	Arrive Time	921
D4	30 Aug 2023	Weather	Foggy
D4	30 Aug 2023	Wind Speed (kts)	2.3
D4	30 Aug 2023	Wind Dir	NW
D4	30 Aug 2023	Animal Life	
D4	30 Aug 2023	Floatables	None
D4	30 Aug 2023	Water Color	Green
D4	30 Aug 2023	Current Direction	S
D4	30 Aug 2023	Water Temp (C)	18
D4	30 Aug 2023	Wave Height Low (ft)	4
D4	30 Aug 2023	High Tide (ft)	4.83
D4	30 Aug 2023	High Tide Time	938
D4	30 Aug 2023	Low Tide (ft)	-1.09
D4	30 Aug 2023	Low Tide Time	333
D4	30 Aug 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D5	02 Aug 2023	Arrive Time	933
D5	02 Aug 2023	Weather	Partly cloudy
D5	02 Aug 2023	Wind Speed (kts)	3.1
D5	02 Aug 2023	Wind Dir	W
D5	02 Aug 2023	Animal Life	
D5	02 Aug 2023	Floatables	Foam
D5	02 Aug 2023	Water Color	Green
D5	02 Aug 2023	Current Direction	S
D5	02 Aug 2023	Water Temp (C)	23
D5	02 Aug 2023	Wave Height Low (ft)	2
D5	02 Aug 2023	High Tide (ft)	4.41
D5	02 Aug 2023	High Tide Time	1051
D5	02 Aug 2023	Low Tide (ft)	-1.39
D5	02 Aug 2023	Low Tide Time	441
D5	02 Aug 2023	Comments	Water clear; Trash-1; Kelp;Algae;Seagrass
D5	09 Aug 2023	Arrive Time	906
D5	09 Aug 2023	Weather	Cloudy
D5	09 Aug 2023	Wind Speed (kts)	1.9
D5	09 Aug 2023	Wind Dir	NW
D5	09 Aug 2023	Animal Life	
D5	09 Aug 2023	Floatables	None
D5	09 Aug 2023	Water Color	Green
D5	09 Aug 2023	Current Direction	S
D5	09 Aug 2023	Water Temp (C)	22
D5	09 Aug 2023	Wave Height Low (ft)	3
D5	09 Aug 2023	High Tide (ft)	2.98
D5	09 Aug 2023	High Tide Time	538
D5	09 Aug 2023	Low Tide (ft)	2.49
D5	09 Aug 2023	Low Tide Time	952
D5	09 Aug 2023	Comments	Water clear; Trash-2; Kelp;Seagrass;Algae
D5	16 Aug 2023	Arrive Time	855
D5	16 Aug 2023	Weather	Partly cloudy
D5	16 Aug 2023	Wind Speed (kts)	0
D5	16 Aug 2023	Wind Dir	
D5	16 Aug 2023	Animal Life	

Station	Date	Parameter	Value
D5	16 Aug 2023	Floatables	None
D5	16 Aug 2023	Water Color	Green
D5	16 Aug 2023	Current Direction	S
D5	16 Aug 2023	Water Temp (C)	18
D5	16 Aug 2023	Wave Height Low (ft)	2
D5	16 Aug 2023	High Tide (ft)	4.16
D5	16 Aug 2023	High Tide Time	1027
D5	16 Aug 2023	Low Tide (ft)	-0.2
D5	16 Aug 2023	Low Tide Time	419
D5	16 Aug 2023	Comments	Water clear; Trash-1; Algae;Kelp
D5	23 Aug 2023	Arrive Time	918
D5	23 Aug 2023	Weather	Hazy
D5	23 Aug 2023	Wind Speed (kts)	0
D5	23 Aug 2023	Wind Dir	
D5	23 Aug 2023	Animal Life	
D5	23 Aug 2023	Floatables	None
D5	23 Aug 2023	Water Color	Green
D5	23 Aug 2023	Current Direction	S
D5	23 Aug 2023	Water Temp (C)	17
D5	23 Aug 2023	Wave Height Low (ft)	2
D5	23 Aug 2023	High Tide (ft)	3.01
D5	23 Aug 2023	High Tide Time	152
D5	23 Aug 2023	Low Tide (ft)	2.15
D5	23 Aug 2023	Low Tide Time	643
D5	23 Aug 2023	Comments	Water clear; Trash-1; Algae
D5	30 Aug 2023	Arrive Time	909
D5	30 Aug 2023	Weather	Foggy
D5	30 Aug 2023	Wind Speed (kts)	0.4
D5	30 Aug 2023	Wind Dir	NW
D5	30 Aug 2023	Animal Life	Bird-7;
D5	30 Aug 2023	Floatables	None
D5	30 Aug 2023	Water Color	Green
D5	30 Aug 2023	Current Direction	S
D5	30 Aug 2023	Water Temp (C)	19
D5	30 Aug 2023	Wave Height Low (ft)	2
D5	30 Aug 2023	High Tide (ft)	4.83
D5	30 Aug 2023	High Tide Time	938
D5	30 Aug 2023	Low Tide (ft)	-1.09
D5	30 Aug 2023	Low Tide Time	333
D5	30 Aug 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D7	02 Aug 2023	Arrive Time	859
D7	02 Aug 2023	Weather	Cloudy
D7	02 Aug 2023	Wind Speed (kts)	0
D7	02 Aug 2023	Wind Dir	
D7	02 Aug 2023	Animal Life	
D7	02 Aug 2023	Floatables	None
D7	02 Aug 2023	Water Color	Green
D7	02 Aug 2023	Current Direction	SE
D7	02 Aug 2023	Water Temp (C)	22
D7	02 Aug 2023	Wave Height Low (ft)	2
D7	02 Aug 2023	High Tide (ft)	4.41
D7	02 Aug 2023	High Tide Time	1051
D7	02 Aug 2023	Low Tide (ft)	-1.39
D7	02 Aug 2023	Low Tide Time	441
D7	02 Aug 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D7	09 Aug 2023	Arrive Time	843
D7	09 Aug 2023	Weather	Cloudy

Station	Date	Parameter	Value
D7	09 Aug 2023	Wind Speed (kts)	0.1
D7	09 Aug 2023	Wind Dir	NW
D7	09 Aug 2023	Animal Life	
D7	09 Aug 2023	Floatables	None
D7	09 Aug 2023	Water Color	Green
D7	09 Aug 2023	Current Direction	S
D7	09 Aug 2023	Water Temp (C)	22
D7	09 Aug 2023	Wave Height Low (ft)	3
D7	09 Aug 2023	High Tide (ft)	2.98
D7	09 Aug 2023	High Tide Time	538
D7	09 Aug 2023	Low Tide (ft)	2.49
D7	09 Aug 2023	Low Tide Time	952
D7	09 Aug 2023	Comments	Water clear; Trash-2; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-2
D7	16 Aug 2023	Arrive Time	834
D7	16 Aug 2023	Weather	Partly cloudy
D7	16 Aug 2023	Wind Speed (kts)	0
D7	16 Aug 2023	Wind Dir	
D7	16 Aug 2023	Animal Life	
D7	16 Aug 2023	Floatables	None
D7	16 Aug 2023	Water Color	Green
D7	16 Aug 2023	Current Direction	S
D7	16 Aug 2023	Water Temp (C)	17
D7	16 Aug 2023	Wave Height Low (ft)	4
D7	16 Aug 2023	High Tide (ft)	4.16
D7	16 Aug 2023	High Tide Time	1027
D7	16 Aug 2023	Low Tide (ft)	-0.2
D7	16 Aug 2023	Low Tide Time	419
D7	16 Aug 2023	Comments	Water clear; Surfer/Paddle boarder-2; Trash-1; Algae
D7	17 Aug 2023	Arrive Time	903
D7	17 Aug 2023	Weather	Foggy
D7	17 Aug 2023	Wind Speed (kts)	0.8
D7	17 Aug 2023	Wind Dir	SW
D7	17 Aug 2023	Animal Life	
D7	17 Aug 2023	Floatables	None
D7	17 Aug 2023	Water Color	Green
D7	17 Aug 2023	Current Direction	S
D7	17 Aug 2023	Water Temp (C)	17
D7	17 Aug 2023	Wave Height Low (ft)	2
D7	17 Aug 2023	High Tide (ft)	4.26
D7	17 Aug 2023	High Tide Time	1050
D7	17 Aug 2023	Low Tide (ft)	-0.06
D7	17 Aug 2023	Low Tide Time	443
D7	17 Aug 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae; Person/Walker/Jogger-1
D7	23 Aug 2023	Arrive Time	854
D7	23 Aug 2023	Weather	Partly cloudy
D7	23 Aug 2023	Wind Speed (kts)	0.6
D7	23 Aug 2023	Wind Dir	W
D7	23 Aug 2023	Animal Life	
D7	23 Aug 2023	Floatables	None
D7	23 Aug 2023	Water Color	Green
D7	23 Aug 2023	Current Direction	S
D7	23 Aug 2023	Water Temp (C)	15
D7	23 Aug 2023	Wave Height Low (ft)	2
D7	23 Aug 2023	High Tide (ft)	3.01
D7	23 Aug 2023	High Tide Time	152
D7	23 Aug 2023	Low Tide (ft)	2.15

Station	Date	Parameter	Value
D7	23 Aug 2023	Low Tide Time	643
D7	23 Aug 2023	Comments	Water clear; Surfer/Paddle boarder-2; Trash-1; Seagrass;Algae
D7	30 Aug 2023	Arrive Time	844
D7	30 Aug 2023	Weather	Foggy
D7	30 Aug 2023	Wind Speed (kts)	1.5
D7	30 Aug 2023	Wind Dir	NW
D7	30 Aug 2023	Animal Life	
D7	30 Aug 2023	Floatables	None
D7	30 Aug 2023	Water Color	Green
D7	30 Aug 2023	Current Direction	S
D7	30 Aug 2023	Water Temp (C)	19
D7	30 Aug 2023	Wave Height Low (ft)	4
D7	30 Aug 2023	High Tide (ft)	4.83
D7	30 Aug 2023	High Tide Time	938
D7	30 Aug 2023	Low Tide (ft)	-1.09
D7	30 Aug 2023	Low Tide Time	333
D7	30 Aug 2023	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae; Person/Walker/Jogger-1
D8-B	02 Aug 2023	Arrive Time	846
D8-B	02 Aug 2023	Weather	Cloudy
D8-B	02 Aug 2023	Wind Speed (kts)	2.5
D8-B	02 Aug 2023	Wind Dir	W
D8-B	02 Aug 2023	Animal Life	
D8-B	02 Aug 2023	Floatables	None
D8-B	02 Aug 2023	Water Color	Green
D8-B	02 Aug 2023	Current Direction	S
D8-B	02 Aug 2023	Water Temp (C)	21
D8-B	02 Aug 2023	Wave Height Low (ft)	3
D8-B	02 Aug 2023	High Tide (ft)	4.41
D8-B	02 Aug 2023	High Tide Time	1051
D8-B	02 Aug 2023	Low Tide (ft)	-1.39
D8-B	02 Aug 2023	Low Tide Time	441
D8-B	02 Aug 2023	Comments	Water clear; Trash-2; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-2
D8-B	09 Aug 2023	Arrive Time	831
D8-B	09 Aug 2023	Weather	Cloudy
D8-B	09 Aug 2023	Wind Speed (kts)	2.9
D8-B	09 Aug 2023	Wind Dir	NW
D8-B	09 Aug 2023	Animal Life	
D8-B	09 Aug 2023	Floatables	None
D8-B	09 Aug 2023	Water Color	Green
D8-B	09 Aug 2023	Current Direction	S
D8-B	09 Aug 2023	Water Temp (C)	22
D8-B	09 Aug 2023	Wave Height Low (ft)	3
D8-B	09 Aug 2023	High Tide (ft)	2.98
D8-B	09 Aug 2023	High Tide Time	538
D8-B	09 Aug 2023	Low Tide (ft)	2.49
D8-B	09 Aug 2023	Low Tide Time	952
D8-B	09 Aug 2023	Comments	Water clear; Trash-2; Kelp;Seagrass;Algae;Debris
D8-B	16 Aug 2023	Arrive Time	822
D8-B	16 Aug 2023	Weather	Partly cloudy
D8-B	16 Aug 2023	Wind Speed (kts)	2.5
D8-B	16 Aug 2023	Wind Dir	NE
D8-B	16 Aug 2023	Animal Life	
D8-B	16 Aug 2023	Floatables	None
D8-B	16 Aug 2023	Water Color	Green

Station	Date	Parameter	Value
D8-B	16 Aug 2023	Current Direction	S
D8-B	16 Aug 2023	Water Temp (C)	20
D8-B	16 Aug 2023	Wave Height Low (ft)	4
D8-B	16 Aug 2023	High Tide (ft)	4.16
D8-B	16 Aug 2023	High Tide Time	1027
D8-B	16 Aug 2023	Low Tide (ft)	-0.2
D8-B	16 Aug 2023	Low Tide Time	419
D8-B	16 Aug 2023	Comments	Water clear; Surfer/Paddle boarder-1; Trash-1; Kelp;Algae;Debris
D8-B	23 Aug 2023	Arrive Time	842
D8-B	23 Aug 2023	Weather	Partly cloudy
D8-B	23 Aug 2023	Wind Speed (kts)	0
D8-B	23 Aug 2023	Wind Dir	
D8-B	23 Aug 2023	Animal Life	
D8-B	23 Aug 2023	Floatables	None
D8-B	23 Aug 2023	Water Color	Green
D8-B	23 Aug 2023	Current Direction	S
D8-B	23 Aug 2023	Water Temp (C)	18
D8-B	23 Aug 2023	Wave Height Low (ft)	3
D8-B	23 Aug 2023	High Tide (ft)	3.01
D8-B	23 Aug 2023	High Tide Time	152
D8-B	23 Aug 2023	Low Tide (ft)	2.15
D8-B	23 Aug 2023	Low Tide Time	643
D8-B	23 Aug 2023	Comments	Water clear; Surfer/Paddle boarder-2; Trash-1; Debris;Algae
D8-B	30 Aug 2023	Arrive Time	833
D8-B	30 Aug 2023	Weather	Foggy
D8-B	30 Aug 2023	Wind Speed (kts)	0.9
D8-B	30 Aug 2023	Wind Dir	NW
D8-B	30 Aug 2023	Animal Life	
D8-B	30 Aug 2023	Floatables	None
D8-B	30 Aug 2023	Water Color	Green
D8-B	30 Aug 2023	Current Direction	S
D8-B	30 Aug 2023	Water Temp (C)	19
D8-B	30 Aug 2023	Wave Height Low (ft)	4
D8-B	30 Aug 2023	High Tide (ft)	4.83
D8-B	30 Aug 2023	High Tide Time	938
D8-B	30 Aug 2023	Low Tide (ft)	-1.09
D8-B	30 Aug 2023	Low Tide Time	333
D8-B	30 Aug 2023	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae;Debris
D9	02 Aug 2023	Arrive Time	837
D9	02 Aug 2023	Weather	Cloudy
D9	02 Aug 2023	Wind Speed (kts)	2.1
D9	02 Aug 2023	Wind Dir	NW
D9	02 Aug 2023	Animal Life	
D9	02 Aug 2023	Floatables	None
D9	02 Aug 2023	Water Color	Green
D9	02 Aug 2023	Current Direction	S
D9	02 Aug 2023	Water Temp (C)	22
D9	02 Aug 2023	Wave Height Low (ft)	2
D9	02 Aug 2023	High Tide (ft)	4.41
D9	02 Aug 2023	High Tide Time	1051
D9	02 Aug 2023	Low Tide (ft)	-1.39
D9	02 Aug 2023	Low Tide Time	441
D9	02 Aug 2023	Comments	Water clear; Trash-2; Algae; Person/Walker/Jogger-4
D9	09 Aug 2023	Arrive Time	821
D9	09 Aug 2023	Weather	Cloudy
D9	09 Aug 2023	Wind Speed (kts)	1.9

Station	Date	Parameter	Value
D9	09 Aug 2023	Wind Dir	NW
D9	09 Aug 2023	Animal Life	
D9	09 Aug 2023	Floatables	None
D9	09 Aug 2023	Water Color	Green
D9	09 Aug 2023	Current Direction	S
D9	09 Aug 2023	Water Temp (C)	23
D9	09 Aug 2023	Wave Height Low (ft)	4
D9	09 Aug 2023	High Tide (ft)	2.98
D9	09 Aug 2023	High Tide Time	538
D9	09 Aug 2023	Low Tide (ft)	2.49
D9	09 Aug 2023	Low Tide Time	952
D9	09 Aug 2023	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae;Debris
D9	16 Aug 2023	Arrive Time	814
D9	16 Aug 2023	Weather	Partly cloudy
D9	16 Aug 2023	Wind Speed (kts)	5.2
D9	16 Aug 2023	Wind Dir	N
D9	16 Aug 2023	Animal Life	
D9	16 Aug 2023	Floatables	None
D9	16 Aug 2023	Water Color	Green
D9	16 Aug 2023	Current Direction	S
D9	16 Aug 2023	Water Temp (C)	16
D9	16 Aug 2023	Wave Height Low (ft)	3
D9	16 Aug 2023	High Tide (ft)	4.16
D9	16 Aug 2023	High Tide Time	1027
D9	16 Aug 2023	Low Tide (ft)	-0.2
D9	16 Aug 2023	Low Tide Time	419
D9	16 Aug 2023	Comments	Water clear; Surfer/Paddle boarder-1; Trash-1; Algae; Person/Walker/Jogger-3
D9	23 Aug 2023	Arrive Time	830
D9	23 Aug 2023	Weather	Partly cloudy
D9	23 Aug 2023	Wind Speed (kts)	0.4
D9	23 Aug 2023	Wind Dir	SW
D9	23 Aug 2023	Animal Life	Bird-1;
D9	23 Aug 2023	Floatables	None
D9	23 Aug 2023	Water Color	Green
D9	23 Aug 2023	Current Direction	S
D9	23 Aug 2023	Water Temp (C)	17
D9	23 Aug 2023	Wave Height Low (ft)	3
D9	23 Aug 2023	High Tide (ft)	3.01
D9	23 Aug 2023	High Tide Time	152
D9	23 Aug 2023	Low Tide (ft)	2.15
D9	23 Aug 2023	Low Tide Time	643
D9	23 Aug 2023	Comments	Water clear; Trash-1; Algae;Kelp
D9	30 Aug 2023	Arrive Time	825
D9	30 Aug 2023	Weather	Foggy
D9	30 Aug 2023	Wind Speed (kts)	0
D9	30 Aug 2023	Wind Dir	N
D9	30 Aug 2023	Animal Life	
D9	30 Aug 2023	Floatables	None
D9	30 Aug 2023	Water Color	Green
D9	30 Aug 2023	Current Direction	S
D9	30 Aug 2023	Water Temp (C)	19
D9	30 Aug 2023	Wave Height Low (ft)	4
D9	30 Aug 2023	High Tide (ft)	4.83
D9	30 Aug 2023	High Tide Time	938
D9	30 Aug 2023	Low Tide (ft)	-1.09
D9	30 Aug 2023	Low Tide Time	333

Station	Date	Parameter	Value
D9	30 Aug 2023	Comments	Water clear; Trash-4; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-1
D10	02 Aug 2023	Arrive Time	821
D10	02 Aug 2023	Weather	Cloudy
D10	02 Aug 2023	Wind Speed (kts)	0.9
D10	02 Aug 2023	Wind Dir	W
D10	02 Aug 2023	Animal Life	
D10	02 Aug 2023	Floatables	None
D10	02 Aug 2023	Water Color	Green
D10	02 Aug 2023	Current Direction	S
D10	02 Aug 2023	Water Temp (C)	22
D10	02 Aug 2023	Wave Height Low (ft)	5
D10	02 Aug 2023	High Tide (ft)	4.41
D10	02 Aug 2023	High Tide Time	1051
D10	02 Aug 2023	Low Tide (ft)	-1.39
D10	02 Aug 2023	Low Tide Time	441
D10	02 Aug 2023	Comments	Water clear; Surfer/Paddle boarder-6; Trash-1; Kelp;Seagrass;Debris; Person/Walker/Jogger-5
D10	09 Aug 2023	Arrive Time	812
D10	09 Aug 2023	Weather	Cloudy
D10	09 Aug 2023	Wind Speed (kts)	3.1
D10	09 Aug 2023	Wind Dir	NW
D10	09 Aug 2023	Animal Life	
D10	09 Aug 2023	Floatables	None
D10	09 Aug 2023	Water Color	Green
D10	09 Aug 2023	Current Direction	S
D10	09 Aug 2023	Water Temp (C)	22
D10	09 Aug 2023	Wave Height Low (ft)	2
D10	09 Aug 2023	High Tide (ft)	2.98
D10	09 Aug 2023	High Tide Time	538
D10	09 Aug 2023	Low Tide (ft)	2.49
D10	09 Aug 2023	Low Tide Time	952
D10	09 Aug 2023	Comments	Water clear; Surfer/Paddle boarder-3; Trash-2; Kelp;Seagrass;Debris
D10	16 Aug 2023	Arrive Time	806
D10	16 Aug 2023	Weather	Partly cloudy
D10	16 Aug 2023	Wind Speed (kts)	5.8
D10	16 Aug 2023	Wind Dir	NE
D10	16 Aug 2023	Animal Life	Bird-2;
D10	16 Aug 2023	Floatables	None
D10	16 Aug 2023	Water Color	Green
D10	16 Aug 2023	Current Direction	S
D10	16 Aug 2023	Water Temp (C)	16
D10	16 Aug 2023	Wave Height Low (ft)	3
D10	16 Aug 2023	High Tide (ft)	4.16
D10	16 Aug 2023	High Tide Time	1027
D10	16 Aug 2023	Low Tide (ft)	-0.2
D10	16 Aug 2023	Low Tide Time	419
D10	16 Aug 2023	Comments	Water clear; Trash-1; Kelp;Seagrass;Debris; Person/Walker/Jogger-1
D10	23 Aug 2023	Arrive Time	822
D10	23 Aug 2023	Weather	Partly cloudy
D10	23 Aug 2023	Wind Speed (kts)	0.9
D10	23 Aug 2023	Wind Dir	SW
D10	23 Aug 2023	Animal Life	
D10	23 Aug 2023	Floatables	None
D10	23 Aug 2023	Water Color	Green

Station	Date	Parameter	Value
D10	23 Aug 2023	Current Direction	S
D10	23 Aug 2023	Water Temp (C)	18
D10	23 Aug 2023	Wave Height Low (ft)	2
D10	23 Aug 2023	High Tide (ft)	3.01
D10	23 Aug 2023	High Tide Time	152
D10	23 Aug 2023	Low Tide (ft)	2.15
D10	23 Aug 2023	Low Tide Time	643
D10	23 Aug 2023	Comments	Water clear; Surfer/Paddle boarder-1; Trash-2; Sea-grass;Debris
D10	30 Aug 2023	Arrive Time	816
D10	30 Aug 2023	Weather	Foggy
D10	30 Aug 2023	Wind Speed (kts)	1.2
D10	30 Aug 2023	Wind Dir	NW
D10	30 Aug 2023	Animal Life	
D10	30 Aug 2023	Floatables	None
D10	30 Aug 2023	Water Color	Green
D10	30 Aug 2023	Current Direction	S
D10	30 Aug 2023	Water Temp (C)	19
D10	30 Aug 2023	Wave Height Low (ft)	4
D10	30 Aug 2023	High Tide (ft)	4.83
D10	30 Aug 2023	High Tide Time	938
D10	30 Aug 2023	Low Tide (ft)	-1.09
D10	30 Aug 2023	Low Tide Time	333
D10	30 Aug 2023	Comments	Water clear; Surfer/Paddle boarder-8; Trash-2; Kelp;Seagrass;Debris; Person/Walker/Jogger-2
D11	02 Aug 2023	Arrive Time	809
D11	02 Aug 2023	Weather	Drizzle
D11	02 Aug 2023	Wind Speed (kts)	1.5
D11	02 Aug 2023	Wind Dir	W
D11	02 Aug 2023	Animal Life	
D11	02 Aug 2023	Floatables	None
D11	02 Aug 2023	Water Color	Green
D11	02 Aug 2023	Current Direction	S
D11	02 Aug 2023	Water Temp (C)	21
D11	02 Aug 2023	Wave Height Low (ft)	4
D11	02 Aug 2023	High Tide (ft)	4.41
D11	02 Aug 2023	High Tide Time	1051
D11	02 Aug 2023	Low Tide (ft)	-1.39
D11	02 Aug 2023	Low Tide Time	441
D11	02 Aug 2023	Comments	Water clear; Surfer/Paddle boarder-7; Trash-1; Al-gae;Kelp;Seagrass; Person/Walker/Jogger-2
D11	09 Aug 2023	Arrive Time	800
D11	09 Aug 2023	Weather	Drizzle
D11	09 Aug 2023	Wind Speed (kts)	0.5
D11	09 Aug 2023	Wind Dir	NW
D11	09 Aug 2023	Animal Life	
D11	09 Aug 2023	Floatables	None
D11	09 Aug 2023	Water Color	Green
D11	09 Aug 2023	Current Direction	S
D11	09 Aug 2023	Water Temp (C)	22
D11	09 Aug 2023	Wave Height Low (ft)	3
D11	09 Aug 2023	High Tide (ft)	2.98
D11	09 Aug 2023	High Tide Time	538
D11	09 Aug 2023	Low Tide (ft)	2.49
D11	09 Aug 2023	Low Tide Time	952
D11	09 Aug 2023	Comments	Water clear; Trash-2; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-2

Station	Date	Parameter	Value
D11	16 Aug 2023	Arrive Time	758
D11	16 Aug 2023	Weather	Partly cloudy
D11	16 Aug 2023	Wind Speed (kts)	4.2
D11	16 Aug 2023	Wind Dir	NE
D11	16 Aug 2023	Animal Life	Dog-1;
D11	16 Aug 2023	Floatables	None
D11	16 Aug 2023	Water Color	Green
D11	16 Aug 2023	Current Direction	S
D11	16 Aug 2023	Water Temp (C)	18
D11	16 Aug 2023	Wave Height Low (ft)	4
D11	16 Aug 2023	High Tide (ft)	4.16
D11	16 Aug 2023	High Tide Time	1027
D11	16 Aug 2023	Low Tide (ft)	-0.2
D11	16 Aug 2023	Low Tide Time	419
D11	16 Aug 2023	Comments	Water clear; Surfer/Paddle boarder-3; Trash-1; Debris;Kelp;Seagrass;Algae; Person/Walker/Jogger-3; Sewage-like odor
D11	23 Aug 2023	Arrive Time	814
D11	23 Aug 2023	Weather	Hazy
D11	23 Aug 2023	Wind Speed (kts)	1.9
D11	23 Aug 2023	Wind Dir	SW
D11	23 Aug 2023	Animal Life	
D11	23 Aug 2023	Floatables	None
D11	23 Aug 2023	Water Color	Green
D11	23 Aug 2023	Current Direction	S
D11	23 Aug 2023	Water Temp (C)	17
D11	23 Aug 2023	Wave Height Low (ft)	4
D11	23 Aug 2023	High Tide (ft)	3.01
D11	23 Aug 2023	High Tide Time	152
D11	23 Aug 2023	Low Tide (ft)	2.15
D11	23 Aug 2023	Low Tide Time	643
D11	23 Aug 2023	Comments	Water clear; Surfer/Paddle boarder-1; Trash-1; Kelp;Seagrass;Debris; Person/Walker/Jogger-8
D11	30 Aug 2023	Arrive Time	803
D11	30 Aug 2023	Weather	Foggy
D11	30 Aug 2023	Wind Speed (kts)	1
D11	30 Aug 2023	Wind Dir	N
D11	30 Aug 2023	Animal Life	
D11	30 Aug 2023	Floatables	None
D11	30 Aug 2023	Water Color	Green
D11	30 Aug 2023	Current Direction	S
D11	30 Aug 2023	Water Temp (C)	18
D11	30 Aug 2023	Wave Height Low (ft)	3
D11	30 Aug 2023	High Tide (ft)	4.83
D11	30 Aug 2023	High Tide Time	938
D11	30 Aug 2023	Low Tide (ft)	-1.09
D11	30 Aug 2023	Low Tide Time	333
D11	30 Aug 2023	Comments	Water clear; Surfer/Paddle boarder-10; Trash-2; Kelp;Seagrass;Algae;Debris
D12	02 Aug 2023	Arrive Time	748
D12	02 Aug 2023	Weather	Cloudy
D12	02 Aug 2023	Wind Speed (kts)	3.4
D12	02 Aug 2023	Wind Dir	W
D12	02 Aug 2023	Animal Life	
D12	02 Aug 2023	Floatables	None
D12	02 Aug 2023	Water Color	Green
D12	02 Aug 2023	Current Direction	S
D12	02 Aug 2023	Water Temp (C)	20

Station	Date	Parameter	Value
D12	02 Aug 2023	Wave Height Low (ft)	4
D12	02 Aug 2023	High Tide (ft)	4.41
D12	02 Aug 2023	High Tide Time	1051
D12	02 Aug 2023	Low Tide (ft)	-1.39
D12	02 Aug 2023	Low Tide Time	441
D12	02 Aug 2023	Comments	Water clear; Surfer/Paddle boarder-2; Trash-2; Kelp;Seagrass; Person/Walker/Jogger-1
D12	09 Aug 2023	Arrive Time	742
D12	09 Aug 2023	Weather	Drizzle
D12	09 Aug 2023	Wind Speed (kts)	2.7
D12	09 Aug 2023	Wind Dir	N
D12	09 Aug 2023	Animal Life	Bird-3;
D12	09 Aug 2023	Floatables	None
D12	09 Aug 2023	Water Color	Green
D12	09 Aug 2023	Current Direction	S
D12	09 Aug 2023	Water Temp (C)	21
D12	09 Aug 2023	Wave Height Low (ft)	3
D12	09 Aug 2023	High Tide (ft)	2.98
D12	09 Aug 2023	High Tide Time	538
D12	09 Aug 2023	Low Tide (ft)	2.49
D12	09 Aug 2023	Low Tide Time	952
D12	09 Aug 2023	Comments	Water clear; Trash-2; Kelp;Seagrass;Debris; Person/Walker/Jogger-3
D12	16 Aug 2023	Arrive Time	745
D12	16 Aug 2023	Weather	Partly cloudy
D12	16 Aug 2023	Wind Speed (kts)	2.7
D12	16 Aug 2023	Wind Dir	N
D12	16 Aug 2023	Animal Life	Bird-1; Dog-2;
D12	16 Aug 2023	Floatables	None
D12	16 Aug 2023	Water Color	Green
D12	16 Aug 2023	Current Direction	S
D12	16 Aug 2023	Water Temp (C)	17
D12	16 Aug 2023	Wave Height Low (ft)	3
D12	16 Aug 2023	High Tide (ft)	4.16
D12	16 Aug 2023	High Tide Time	1027
D12	16 Aug 2023	Low Tide (ft)	-0.2
D12	16 Aug 2023	Low Tide Time	419
D12	16 Aug 2023	Comments	Water clear; Surfer/Paddle boarder-1; Trash-2; Sea-grass;Debris;Kelp; Person/Walker/Jogger-3
D12	23 Aug 2023	Arrive Time	759
D12	23 Aug 2023	Weather	Hazy
D12	23 Aug 2023	Wind Speed (kts)	0
D12	23 Aug 2023	Wind Dir	
D12	23 Aug 2023	Animal Life	
D12	23 Aug 2023	Floatables	None
D12	23 Aug 2023	Water Color	Green
D12	23 Aug 2023	Current Direction	S
D12	23 Aug 2023	Water Temp (C)	17
D12	23 Aug 2023	Wave Height Low (ft)	3
D12	23 Aug 2023	High Tide (ft)	3.01
D12	23 Aug 2023	High Tide Time	152
D12	23 Aug 2023	Low Tide (ft)	2.15
D12	23 Aug 2023	Low Tide Time	643
D12	23 Aug 2023	Comments	Water clear; Surfer/Paddle boarder-3; Trash-2; Sea-grass;Debris;Kelp; Person/Walker/Jogger-6
D12	30 Aug 2023	Arrive Time	748
D12	30 Aug 2023	Weather	Foggy

Station	Date	Parameter	Value
D12	30 Aug 2023	Wind Speed (kts)	1
D12	30 Aug 2023	Wind Dir	N
D12	30 Aug 2023	Animal Life	
D12	30 Aug 2023	Floatables	None
D12	30 Aug 2023	Water Color	Green
D12	30 Aug 2023	Current Direction	S
D12	30 Aug 2023	Water Temp (C)	19
D12	30 Aug 2023	Wave Height Low (ft)	2
D12	30 Aug 2023	High Tide (ft)	4.83
D12	30 Aug 2023	High Tide Time	938
D12	30 Aug 2023	Low Tide (ft)	-1.09
D12	30 Aug 2023	Low Tide Time	333
D12	30 Aug 2023	Comments	Water clear; Surfer/Paddle boarder-2; Trash-2; Kelp; Seagrass; Debris; Person/Walker/Jogger-2

Kelp Stations

Table 3.1

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 geometric mean of the five most recent samples from each site over the previous 30 days unless otherwise noted (*). Values >1,000 CFU/100 mL exceed the standard.

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Aug 2023	3	33	4	3	2	4	3	4
02 Aug 2023	3	33	4	3	2	4	3	4
03 Aug 2023	3	33	4	3	2	4	3	4
04 Aug 2023	5	34	10	5	4	9	4	7
05 Aug 2023	5	34	10	5	4	9	4	7
06 Aug 2023	5	34	10	5	4	9	4	7
07 Aug 2023	5	29	11	6	5	11	5	6
08 Aug 2023	5	29	11	6	5	11	5	6
09 Aug 2023	5	29	11	6	5	11	5	6
10 Aug 2023	5	29	11	6	5	11	5	6
11 Aug 2023	5	29	11	6	5	11	5	6
12 Aug 2023	4	23	8	8	6	14	4	6
13 Aug 2023	4	23	8	8	6	14	4	6
14 Aug 2023	6	28	12	10	6	12	5	5
15 Aug 2023	6	28	12	10	6	12	5	5
16 Aug 2023	6	28	12	10	6	12	5	5
17 Aug 2023	6	28	12	10	6	12	5	5
18 Aug 2023	7	25	19	15	9	18	6	6
19 Aug 2023	7	25	19	15	9	18	6	6
20 Aug 2023	7	25	19	15	9	18	6	6
21 Aug 2023	7	25	19	15	9	18	6	6
22 Aug 2023	7	25	19	15	9	18	6	6
23 Aug 2023	17	29	32	22	14	24	10	14
24 Aug 2023	17	29	32	22	14	24	10	14
25 Aug 2023	17	29	32	22	14	24	10	14
26 Aug 2023	29	58	63	29	24	32	16	16
27 Aug 2023	29	58	63	29	24	32	16	16
28 Aug 2023	21	34	32	22	14	18	13	14
29 Aug 2023	21	34	32	22	14	18	13	14
30 Aug 2023	21	34	32	22	14	18	13	14
31 Aug 2023	21	34	32	22	14	18	13	14

* Geometric mean calculated using n<5

Table 3.2

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 2023	2	12	2	2	2	2	2	2
02 Aug 2023	2	12	2	2	2	2	2	2
03 Aug 2023	2	12	2	2	2	2	2	2
04 Aug 2023	2	13	3	2	2	2	2	2
05 Aug 2023	2	13	3	2	2	2	2	2
06 Aug 2023	2	13	3	2	2	2	2	2
07 Aug 2023	2	9	3	2	2	2	2	2
08 Aug 2023	2	9	3	2	2	2	2	2
09 Aug 2023	2	9	3	2	2	2	2	2
10 Aug 2023	2	9	3	2	2	2	2	2
11 Aug 2023	2	9	3	2	2	2	2	2
12 Aug 2023	2	9	3	2	2	2	2	2
13 Aug 2023	2	9	3	2	2	2	2	2
14 Aug 2023	3	7	4	2	2	2	2	2
15 Aug 2023	3	7	4	2	2	2	2	2
16 Aug 2023	3	7	4	2	2	2	2	2
17 Aug 2023	3	7	4	2	2	2	2	2
18 Aug 2023	3	4	5	2	2	2	2	2
19 Aug 2023	3	4	5	2	2	2	2	2
20 Aug 2023	3	4	5	2	2	2	2	2
21 Aug 2023	3	4	5	2	2	2	2	2
22 Aug 2023	3	4	5	2	2	2	2	2
23 Aug 2023	6	5	8	3	4	2	3	4
24 Aug 2023	6	5	8	3	4	2	3	4
25 Aug 2023	6	5	8	3	4	2	3	4
26 Aug 2023	8	6	11	4	4	2	3	5
27 Aug 2023	8	6	11	4	4	2	3	5
28 Aug 2023	6	5	8	3	4	2	3	4
29 Aug 2023	6	5	8	3	4	2	3	4
30 Aug 2023	6	5	8	3	4	2	3	4
31 Aug 2023	6	5	8	3	4	2	3	4

* Geometric mean calculated using n<5

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 30 days unless otherwise noted (*). Values >35 CFU/100 mL exceed the standard.

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Aug 2023	2	2	2	2	2	2	2	2
02 Aug 2023	2	2	2	2	2	2	2	2
03 Aug 2023	2	2	2	2	2	2	2	2
04 Aug 2023	2	3	2	2	2	2	2	2
05 Aug 2023	2	3	2	2	2	2	2	2
06 Aug 2023	2	3	2	2	2	2	2	2
07 Aug 2023	2	2	2	2	2	2	2	2
08 Aug 2023	2	2	2	2	2	2	2	2
09 Aug 2023	2	2	2	2	2	2	2	2
10 Aug 2023	2	2	2	2	2	2	2	2
11 Aug 2023	2	2	2	2	2	2	2	2
12 Aug 2023	2	2	2	2	2	2	2	2
13 Aug 2023	2	2	2	2	2	2	2	2
14 Aug 2023	2	2	2	2	2	2	2	2
15 Aug 2023	2	2	2	2	2	2	2	2
16 Aug 2023	2	2	2	2	2	2	2	2
17 Aug 2023	2	2	2	2	2	2	2	2
18 Aug 2023	2	2	2	2	2	2	2	2
19 Aug 2023	2	2	2	2	2	2	2	2
20 Aug 2023	2	2	2	2	2	2	2	2
21 Aug 2023	2	2	2	2	2	2	2	2
22 Aug 2023	2	2	2	2	2	2	2	2
23 Aug 2023	4	3	4	3	3	2	3	3
24 Aug 2023	4	3	4	3	3	2	3	3
25 Aug 2023	4	3	4	3	3	2	3	3
26 Aug 2023	4	3	4	3	3	2	3	4
27 Aug 2023	4	3	4	3	3	2	3	4
28 Aug 2023	4	3	4	3	3	2	3	4
29 Aug 2023	4	3	4	3	3	2	3	4
30 Aug 2023	4	3	4	3	3	2	3	4
31 Aug 2023	4	3	4	3	3	2	3	4

* 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 total coliform bacteria, which states that total coliform density shall not exceed 10,000 CFU/100 mL.

Date	A1	A6	A7	C4	C5	C6	C7	C8
04 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
07 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
14 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
23 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
28 Aug 2023	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 at the PLOO kelp stations with the Ocean Plan's Single Sample Maximum standard for fecal coliform bacteria, which states that fecal coliform density shall not exceed 400 CFU/100 mL.

Date	A1	A6	A7	C4	C5	C6	C7	C8
04 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
07 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
14 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
23 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
28 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 3.6

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
04 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
07 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
14 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
23 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
28 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 3.7

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
04 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
07 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
14 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
23 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC
28 Aug 2023	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; the fecal:total coliform ratio (F:T) is unitless; 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	F:T	Temp	XMS	DO	Sal	pH
A1	04 Aug 2023	855	1	4e	<2	2e	0.50	19.0	83.65	8.1	33.38	8.1
A1	04 Aug 2023	855	12	32e	<2	<2	0.06	13.2	89.91	7.8	33.27	8.1
A1	04 Aug 2023	855	18	12e	4e	<2	0.33	12.9	89.04	7.5	33.31	8.0
A1	07 Aug 2023	815	1	4e	<2	<2	0.50	19.4	84.77	8.0	33.47	8.1
A1	07 Aug 2023	815	12	2e	<2	<2	1.00	13.8	87.95	7.6	33.33	8.0
A1	07 Aug 2023	815	18	4e	<2	<2	0.50	13.4	89.26	7.3	33.33	8.0
A1	14 Aug 2023	748	1	<2	<2	<2	1.00	17.1	87.76	8.9	33.33	8.1
A1	14 Aug 2023	748	12	22e	4e	<2	0.18	12.9	89.08	7.0	33.33	8.0
A1	14 Aug 2023	748	18	62	22e	4e	0.35	12.1	87.46	6.2	33.39	7.9
A1	23 Aug 2023	804	1	420	100	14e	0.24	17.1	72.18	9.4	32.98	8.2
A1	23 Aug 2023	804	12	420	110	26e	0.26	16.5	77.29	9.3	33.05	8.2
A1	23 Aug 2023	804	18	540	94	36e	0.17	15.6	78.93	8.6	33.12	8.1
A1	28 Aug 2023	805	1	6e	<2	<2	0.33	17.6	82.63	9.3	33.12	8.2
A1	28 Aug 2023	805	12	<2	<2	<2	1.00	14.7	82.84	8.0	33.20	8.1
A1	28 Aug 2023	805	18	10e	2e	<2	0.20	13.0	87.57	6.1	33.34	7.9
A6	04 Aug 2023	916	1	<20	<2	<2	0.10	19.9	80.35	8.2	33.42	8.2
A6	04 Aug 2023	916	12	300e	40	8e	0.13	12.9	90.17	7.6	33.29	8.1
A6	04 Aug 2023	916	18	320e	62	<2	0.19	12.8	89.27	7.2	33.32	8.1
A6	07 Aug 2023	841	1	<20	<2	<2	0.10	20.3	83.48	8.4	33.42	8.2
A6	07 Aug 2023	841	12	<20	<2	<2	0.10	15.8	82.14	7.8	33.40	8.1
A6	07 Aug 2023	841	18	10e	2e	<2	0.20	14.3	87.37	7.6	33.35	8.1
A6	14 Aug 2023	811	1	14e	2e	<2	0.14	18.8	85.34	8.6	33.39	8.2
A6	14 Aug 2023	811	12	2e	2e	<2	1.00	14.1	87.27	7.5	33.31	8.0
A6	14 Aug 2023	811	18	160e	4e	<2	0.02	12.2	87.74	6.2	33.39	7.9
A6	23 Aug 2023	839	1	80e	8e	8e	0.10	16.1	74.68	9.0	33.04	8.1
A6	23 Aug 2023	839	12	40e	4e	<2	0.10	15.3	80.43	8.8	33.13	8.1
A6	23 Aug 2023	839	18	40e	8e	4e	0.20	14.8	84.83	8.0	33.15	8.1
A6	28 Aug 2023	829	1	<2	<2	<2	1.00	17.8	84.87	9.6	33.09	8.2
A6	28 Aug 2023	829	12	<2	<2	<2	1.00	14.2	88.04	7.4	33.23	8.0
A6	28 Aug 2023	829	18	8e	<2	<2	0.25	12.8	89.82	6.5	33.34	7.9
A7	04 Aug 2023	904	1	<20	<2	<2	0.10	18.8	79.30	8.2	33.39	8.2
A7	04 Aug 2023	904	12	200e	12e	<2	0.06	12.9	88.29	7.3	33.31	8.1
A7	04 Aug 2023	904	18	20e	4e	4e	0.20	12.7	88.08	7.0	33.34	8.0
A7	07 Aug 2023	830	1	<2	<2	<2	1.00	20.6	84.52	8.1	33.43	8.1
A7	07 Aug 2023	830	12	6e	<2	<2	0.33	14.5	86.77	7.7	33.37	8.1
A7	07 Aug 2023	830	18	40e	6e	<2	0.15	13.8	88.60	7.5	33.33	8.0
A7	14 Aug 2023	759	1	2e	<2	<2	1.00	17.9	78.15	8.6	33.36	8.1
A7	14 Aug 2023	759	12	14e	<2	<2	0.14	13.5	88.01	7.5	33.31	8.0
A7	14 Aug 2023	759	18	130	34e	<2	0.26	12.1	88.76	6.2	33.39	7.9

Station	Date	Time	Depth	Total	Fecal	Entero	F:T	Temp	XMS	DO	Sal	pH
A7	23 Aug 2023	817	1	240e	48	18e	0.20	15.6	73.09	8.9	33.09	8.1
A7	23 Aug 2023	817	12	260e	58	42	0.22	15.2	76.20	8.6	33.10	8.1
A7	23 Aug 2023	817	18	260e	88	36e	0.34	14.9	81.89	8.2	33.11	8.1
A7	28 Aug 2023	817	1	<2	<2	<2	1.00	17.9	76.60	9.6	33.08	8.2
A7	28 Aug 2023	817	12	<2	<2	<2	1.00	14.6	85.50	7.8	33.22	8.1
A7	28 Aug 2023	817	18	2e	<2	<2	1.00	13.4	88.84	6.5	33.30	8.0
C4	04 Aug 2023	1016	1	<20	<2	<2	0.10	19.5	71.02	7.6	33.39	8.1
C4	04 Aug 2023	1016	3	<20	<2	<2	0.10	15.5	71.82	7.7	33.44	8.2
C4	04 Aug 2023	1016	9	20e	4e	<2	0.20	15.0	76.42	8.1	33.28	8.1
C4	07 Aug 2023	957	1	<2	<2	<2	1.00	20.0	81.64	8.1	33.42	8.1
C4	07 Aug 2023	957	3	<20	<2	<2	0.10	19.0	79.05	8.1	33.42	8.1
C4	07 Aug 2023	957	9	<20	<2	<2	0.10	14.9	70.90	7.0	33.33	8.0
C4	14 Aug 2023	913	1	20e	<2	<2	0.10	19.0	70.16	7.6	33.42	8.1
C4	14 Aug 2023	913	3	<20	<2	<2	0.10	18.2	70.76	7.4	33.40	8.1
C4	14 Aug 2023	913	9	<20	2e	<2	0.10	13.8	80.29	7.0	33.30	8.0
C4	23 Aug 2023	948	1	140e	8e	6e	0.06	16.0	69.52	8.4	33.07	8.1
C4	23 Aug 2023	948	3	80e	12e	12e	0.15	15.9	70.28	8.6	33.08	8.1
C4	23 Aug 2023	948	9	160e	38e	12e	0.24	15.3	76.72	8.2	33.09	8.1
C4	28 Aug 2023	939	1	<2	<2	<2	1.00	16.9	78.46	8.9	33.15	8.2
C4	28 Aug 2023	939	3	<20	<2	<2	0.10	16.3	76.72	8.6	33.17	8.1
C4	28 Aug 2023	939	9	<2	<2	<2	1.00	15.6	80.20	8.0	33.19	8.1
C5	04 Aug 2023	1008	1	<20	<2	2e	0.10	19.2	75.50	7.9	33.40	8.2
C5	04 Aug 2023	1008	3	<20	<2	<2	0.10	18.2	75.36	7.8	33.44	8.2
C5	04 Aug 2023	1008	9	20e	2e	<2	0.10	14.5	81.91	7.7	33.31	8.1
C5	07 Aug 2023	942	1	<2	<2	<2	1.00	20.4	81.55	8.4	33.43	8.2
C5	07 Aug 2023	942	3	<20	4e	<2	0.20	19.7	80.94	8.7	33.44	8.2
C5	07 Aug 2023	942	9	<20	<2	<2	0.10	16.1	83.46	7.4	33.38	8.1
C5	14 Aug 2023	902	1	6e	<2	2e	0.33	18.4	81.45	7.3	33.21	8.1
C5	14 Aug 2023	902	3	20e	<2	<2	0.10	16.2	80.39	8.1	33.32	8.1
C5	14 Aug 2023	902	9	2e	<2	<2	1.00	14.2	88.82	7.4	33.31	8.0
C5	23 Aug 2023	938	1	20e	30e	4e	1.50	15.5	73.12	9.2	33.08	8.2
C5	23 Aug 2023	938	3	80e	6e	6e	0.07	15.4	71.49	9.2	33.08	8.2
C5	23 Aug 2023	938	9	260e	54	18e	0.21	15.2	76.65	8.6	33.09	8.1
C5	28 Aug 2023	929	1	<2	<2	<2	1.00	16.9	80.49	9.3	33.12	8.2
C5	28 Aug 2023	929	3	<2	<2	<2	1.00	16.8	80.37	9.2	33.12	8.2
C5	28 Aug 2023	929	9	<2	2e	<2	1.00	16.1	82.43	8.0	33.15	8.1
C6	04 Aug 2023	955	1	<20	<2	<2	0.10	19.8	70.23	8.0	33.38	8.2
C6	04 Aug 2023	955	3	<200	<2	<2	0.01	18.1	71.31	7.5	33.45	8.2
C6	04 Aug 2023	955	9	20e	<2	<2	0.10	14.8	80.87	7.6	33.29	8.1
C6	07 Aug 2023	933	1	<20	<2	<2	0.10	20.5	81.78	8.3	33.44	8.2
C6	07 Aug 2023	933	3	<20	<2	<2	0.10	19.9	82.76	8.3	33.43	8.2
C6	07 Aug 2023	933	9	20e	<2	<2	0.10	15.8	81.56	7.3	33.48	8.1
C6	14 Aug 2023	850	1	<20	<2	<2	0.10	18.2	71.75	8.3	33.37	8.1
C6	14 Aug 2023	850	3	2e	<2	<2	1.00	16.2	81.23	8.3	33.32	8.1
C6	14 Aug 2023	850	9	4e	<2	<2	0.50	14.6	85.33	6.9	33.31	8.0
C6	23 Aug 2023	926	1	6e	<2	<2	0.33	16.3	68.56	8.7	33.07	8.1

Station	Date	Time	Depth	Total	Fecal	Entero	F:T	Temp	XMS	DO	Sal	pH
C6	23 Aug 2023	926	3	<200	<2	<2	0.01	15.5	70.81	8.5	33.14	8.1
C6	23 Aug 2023	926	9	<20	4e	<2	0.20	14.8	84.53	7.7	33.17	8.1
C6	28 Aug 2023	914	1	<2	<2	<2	1.00	17.7	80.22	9.8	33.10	8.2
C6	28 Aug 2023	914	3	<2	<2	<2	1.00	17.7	77.85	9.9	33.10	8.2
C6	28 Aug 2023	914	9	<2	<2	<2	1.00	14.9	82.79	7.1	33.20	8.0
C7	04 Aug 2023	927	1	<2	<2	<2	1.00	19.9	87.09	8.2	33.44	8.2
C7	04 Aug 2023	927	12	4e	<2	<2	0.50	13.5	90.07	8.1	33.25	8.1
C7	04 Aug 2023	927	18	12e	<2	<2	0.17	13.4	90.32	7.9	33.25	8.1
C7	07 Aug 2023	853	1	<20	<2	<2	0.10	21.3	86.02	7.9	33.45	8.2
C7	07 Aug 2023	853	12	<20	<2	<2	0.10	16.3	84.61	8.6	33.33	8.1
C7	07 Aug 2023	853	18	<2	<2	<2	1.00	14.3	86.48	7.7	33.33	8.1
C7	14 Aug 2023	825	1	<20	2e	<2	0.10	19.1	84.98	8.2	33.41	8.2
C7	14 Aug 2023	825	12	2e	<2	<2	1.00	14.2	87.65	8.2	33.29	8.1
C7	14 Aug 2023	825	18	8e	2e	<2	0.25	13.6	87.35	7.2	33.32	8.0
C7	23 Aug 2023	858	1	100e	36e	10e	0.36	16.0	69.69	9.8	33.01	8.2
C7	23 Aug 2023	858	12	100e	18e	16e	0.18	15.1	79.70	8.5	33.13	8.1
C7	23 Aug 2023	858	18	12e	2e	<2	0.17	14.3	87.66	7.2	33.19	8.0
C7	28 Aug 2023	846	1	2e	<2	<2	1.00	17.7	80.75	9.8	33.10	8.2
C7	28 Aug 2023	846	12	<2	2e	<2	1.00	14.2	86.40	7.9	33.23	8.1
C7	28 Aug 2023	846	18	12e	<2	<2	0.17	13.0	90.87	6.5	33.32	7.9
C8	04 Aug 2023	938	1	<2	<2	<2	1.00	21.2	66.08	8.3	33.45	8.2
C8	04 Aug 2023	938	12	<20	<2	<2	0.10	16.0	84.49	8.1	33.30	8.2
C8	04 Aug 2023	938	18	<20	2e	<2	0.10	14.3	86.35	7.7	33.30	8.1
C8	07 Aug 2023	917	1	8e	<2	<2	0.25	21.1	85.24	7.9	33.47	8.2
C8	07 Aug 2023	917	12	<2	<2	<2	1.00	16.3	85.72	8.6	33.33	8.2
C8	07 Aug 2023	917	18	4e	<2	<2	0.50	13.2	86.74	7.3	33.34	8.1
C8	14 Aug 2023	836	1	<2	<2	<2	1.00	20.0	81.11	8.4	33.42	8.2
C8	14 Aug 2023	836	12	2e	<2	<2	1.00	13.9	88.56	8.0	33.29	8.1
C8	14 Aug 2023	836	18	6e	2e	<2	0.33	13.4	88.09	7.3	33.32	8.0
C8	23 Aug 2023	908	1	440	70	44	0.16	15.4	75.21	9.1	33.08	8.1
C8	23 Aug 2023	908	12	420	62	24e	0.15	15.2	77.15	8.9	33.09	8.1
C8	23 Aug 2023	908	18	160e	36	8e	0.22	14.4	81.67	8.0	33.17	8.1
C8	28 Aug 2023	858	1	2e	<2	4e	1.00	17.7	79.29	9.1	33.09	8.2
C8	28 Aug 2023	858	12	2e	<2	<2	1.00	14.2	86.08	7.9	33.23	8.1
C8	28 Aug 2023	858	18	20e	2e	2e	0.10	12.8	90.18	6.4	33.33	7.9

ns = not sampled

ND = no data

Table 3.9

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

Station	Date	Parameter	Value
A1	04 Aug 2023	Depth (m)	19
A1	04 Aug 2023	Arrive Time	855
A1	04 Aug 2023	Depart Time	857
A1	04 Aug 2023	Air Temp (C)	18.3
A1	04 Aug 2023	Weather	Partly Cloudy
A1	04 Aug 2023	Visibility (mi)	10
A1	04 Aug 2023	Wind Speed (kts)	3.5
A1	04 Aug 2023	Wind Dir	S
A1	04 Aug 2023	Water Color	Greenish-Blue
A1	04 Aug 2023	Wave Ht Low (ft)	3.6
A1	04 Aug 2023	Wave Period (sec)	8
A1	04 Aug 2023	Sea State	Confused Swell
A1	04 Aug 2023	High Tide (ft)	6.08
A1	04 Aug 2023	High Tide Time	6
A1	04 Aug 2023	Low Tide (ft)	-0.69
A1	04 Aug 2023	Low Tide Time	548
A1	04 Aug 2023	Comments	none
A1	07 Aug 2023	Depth (m)	17
A1	07 Aug 2023	Arrive Time	815
A1	07 Aug 2023	Depart Time	826
A1	07 Aug 2023	Air Temp (C)	18
A1	07 Aug 2023	Weather	Fog
A1	07 Aug 2023	Visibility (mi)	0
A1	07 Aug 2023	Wind Speed (kts)	0
A1	07 Aug 2023	Wind Dir	NE
A1	07 Aug 2023	Water Color	Blueish-Green
A1	07 Aug 2023	Wave Ht Low (ft)	2
A1	07 Aug 2023	Wave Period (sec)	15
A1	07 Aug 2023	Sea State	Calm
A1	07 Aug 2023	High Tide (ft)	5.24
A1	07 Aug 2023	High Tide Time	1436
A1	07 Aug 2023	Low Tide (ft)	1.37
A1	07 Aug 2023	Low Tide Time	2142
A1	07 Aug 2023	Comments	Very low tide; Kelp
A1	14 Aug 2023	Depth (m)	20
A1	14 Aug 2023	Arrive Time	748
A1	14 Aug 2023	Depart Time	753
A1	14 Aug 2023	Air Temp (C)	19.1
A1	14 Aug 2023	Weather	Overcast
A1	14 Aug 2023	Visibility (mi)	3
A1	14 Aug 2023	Wind Speed (kts)	6.5
A1	14 Aug 2023	Wind Dir	NW
A1	14 Aug 2023	Water Color	Green
A1	14 Aug 2023	Wave Ht Low (ft)	2
A1	14 Aug 2023	Wave Period (sec)	12
A1	14 Aug 2023	Sea State	Light Chop
A1	14 Aug 2023	High Tide (ft)	6
A1	14 Aug 2023	High Tide Time	2042
A1	14 Aug 2023	Low Tide (ft)	-0.32
A1	14 Aug 2023	Low Tide Time	318
A1	14 Aug 2023	Comments	none
A1	23 Aug 2023	Depth (m)	18.6
A1	23 Aug 2023	Arrive Time	804

Station	Date	Parameter	Value
A1	23 Aug 2023	Depart Time	814
A1	23 Aug 2023	Air Temp (C)	17.3
A1	23 Aug 2023	Weather	Clear
A1	23 Aug 2023	Visibility (mi)	3
A1	23 Aug 2023	Wind Speed (kts)	1.9
A1	23 Aug 2023	Wind Dir	NW
A1	23 Aug 2023	Water Color	Green
A1	23 Aug 2023	Wave Ht Low (ft)	3
A1	23 Aug 2023	Wave Period (sec)	13
A1	23 Aug 2023	Sea State	Calm
A1	23 Aug 2023	High Tide (ft)	4.86
A1	23 Aug 2023	High Tide Time	1354
A1	23 Aug 2023	Low Tide (ft)	1.55
A1	23 Aug 2023	Low Tide Time	2206
A1	23 Aug 2023	Comments	Salinity values very low throughout water column; Kelp
A1	28 Aug 2023	Depth (m)	18
A1	28 Aug 2023	Arrive Time	805
A1	28 Aug 2023	Depart Time	814
A1	28 Aug 2023	Air Temp (C)	19.3
A1	28 Aug 2023	Weather	Haze
A1	28 Aug 2023	Visibility (mi)	9
A1	28 Aug 2023	Wind Speed (kts)	1.7
A1	28 Aug 2023	Wind Dir	NW
A1	28 Aug 2023	Water Color	Greenish-Blue
A1	28 Aug 2023	Wave Ht Low (ft)	2.3
A1	28 Aug 2023	Wave Period (sec)	15
A1	28 Aug 2023	Sea State	Wind Ripples
A1	28 Aug 2023	High Tide (ft)	6.67
A1	28 Aug 2023	High Tide Time	1942
A1	28 Aug 2023	Low Tide (ft)	-0.75
A1	28 Aug 2023	Low Tide Time	212
A1	28 Aug 2023	Comments	Kelp; Kelp Debris
A6	04 Aug 2023	Depth (m)	19
A6	04 Aug 2023	Arrive Time	916
A6	04 Aug 2023	Depart Time	918
A6	04 Aug 2023	Air Temp (C)	18.8
A6	04 Aug 2023	Weather	Partly Cloudy
A6	04 Aug 2023	Visibility (mi)	10
A6	04 Aug 2023	Wind Speed (kts)	0
A6	04 Aug 2023	Wind Dir	S
A6	04 Aug 2023	Water Color	Greenish-Blue
A6	04 Aug 2023	Wave Ht Low (ft)	3.6
A6	04 Aug 2023	Wave Period (sec)	8
A6	04 Aug 2023	Sea State	Confused Swell
A6	04 Aug 2023	High Tide (ft)	6.08
A6	04 Aug 2023	High Tide Time	6
A6	04 Aug 2023	Low Tide (ft)	-0.69
A6	04 Aug 2023	Low Tide Time	548
A6	04 Aug 2023	Comments	none
A6	07 Aug 2023	Depth (m)	18
A6	07 Aug 2023	Arrive Time	841
A6	07 Aug 2023	Depart Time	846
A6	07 Aug 2023	Air Temp (C)	18.3
A6	07 Aug 2023	Weather	Fog
A6	07 Aug 2023	Visibility (mi)	0
A6	07 Aug 2023	Wind Speed (kts)	0.9
A6	07 Aug 2023	Wind Dir	E
A6	07 Aug 2023	Water Color	Blueish-Green

Station	Date	Parameter	Value
A6	07 Aug 2023	Wave Ht Low (ft)	2
A6	07 Aug 2023	Wave Period (sec)	15
A6	07 Aug 2023	Sea State	Calm
A6	07 Aug 2023	High Tide (ft)	5.24
A6	07 Aug 2023	High Tide Time	1436
A6	07 Aug 2023	Low Tide (ft)	1.37
A6	07 Aug 2023	Low Tide Time	2142
A6	07 Aug 2023	Comments	none
A6	14 Aug 2023	Depth (m)	18
A6	14 Aug 2023	Arrive Time	811
A6	14 Aug 2023	Depart Time	816
A6	14 Aug 2023	Air Temp (C)	19.3
A6	14 Aug 2023	Weather	Overcast
A6	14 Aug 2023	Visibility (mi)	3
A6	14 Aug 2023	Wind Speed (kts)	5.9
A6	14 Aug 2023	Wind Dir	N
A6	14 Aug 2023	Water Color	Green
A6	14 Aug 2023	Wave Ht Low (ft)	2
A6	14 Aug 2023	Wave Period (sec)	12
A6	14 Aug 2023	Sea State	Light Chop
A6	14 Aug 2023	High Tide (ft)	6
A6	14 Aug 2023	High Tide Time	2042
A6	14 Aug 2023	Low Tide (ft)	-0.32
A6	14 Aug 2023	Low Tide Time	318
A6	14 Aug 2023	Comments	none
A6	23 Aug 2023	Depth (m)	19
A6	23 Aug 2023	Arrive Time	836
A6	23 Aug 2023	Depart Time	847
A6	23 Aug 2023	Air Temp (C)	17.9
A6	23 Aug 2023	Weather	Clear
A6	23 Aug 2023	Visibility (mi)	3
A6	23 Aug 2023	Wind Speed (kts)	0
A6	23 Aug 2023	Wind Dir	NE
A6	23 Aug 2023	Water Color	Green
A6	23 Aug 2023	Wave Ht Low (ft)	3
A6	23 Aug 2023	Wave Period (sec)	13
A6	23 Aug 2023	Sea State	Calm
A6	23 Aug 2023	High Tide (ft)	4.86
A6	23 Aug 2023	High Tide Time	1354
A6	23 Aug 2023	Low Tide (ft)	1.55
A6	23 Aug 2023	Low Tide Time	2206
A6	23 Aug 2023	Comments	Kelp
A6	28 Aug 2023	Depth (m)	19
A6	28 Aug 2023	Arrive Time	829
A6	28 Aug 2023	Depart Time	837
A6	28 Aug 2023	Air Temp (C)	19
A6	28 Aug 2023	Weather	Fog
A6	28 Aug 2023	Visibility (mi)	1
A6	28 Aug 2023	Wind Speed (kts)	1.6
A6	28 Aug 2023	Wind Dir	N
A6	28 Aug 2023	Water Color	Greenish-Blue
A6	28 Aug 2023	Wave Ht Low (ft)	2.3
A6	28 Aug 2023	Wave Period (sec)	15
A6	28 Aug 2023	Sea State	Wind Ripples
A6	28 Aug 2023	High Tide (ft)	6.67
A6	28 Aug 2023	High Tide Time	1942
A6	28 Aug 2023	Low Tide (ft)	-0.75
A6	28 Aug 2023	Low Tide Time	212

Station	Date	Parameter	Value
A6	28 Aug 2023	Comments	1st cast too shallow; Use 2nd cast
A7	04 Aug 2023	Depth (m)	17
A7	04 Aug 2023	Arrive Time	904
A7	04 Aug 2023	Depart Time	907
A7	04 Aug 2023	Air Temp (C)	18.7
A7	04 Aug 2023	Weather	Partly Cloudy
A7	04 Aug 2023	Visibility (mi)	10
A7	04 Aug 2023	Wind Speed (kts)	0
A7	04 Aug 2023	Wind Dir	E
A7	04 Aug 2023	Water Color	Greenish-Blue
A7	04 Aug 2023	Wave Ht Low (ft)	3.6
A7	04 Aug 2023	Wave Period (sec)	8
A7	04 Aug 2023	Sea State	Confused Swell
A7	04 Aug 2023	High Tide (ft)	6.08
A7	04 Aug 2023	High Tide Time	6
A7	04 Aug 2023	Low Tide (ft)	-0.69
A7	04 Aug 2023	Low Tide Time	548
A7	04 Aug 2023	Comments	none
A7	07 Aug 2023	Depth (m)	19
A7	07 Aug 2023	Arrive Time	830
A7	07 Aug 2023	Depart Time	835
A7	07 Aug 2023	Air Temp (C)	18.2
A7	07 Aug 2023	Weather	Fog
A7	07 Aug 2023	Visibility (mi)	0
A7	07 Aug 2023	Wind Speed (kts)	1.3
A7	07 Aug 2023	Wind Dir	E
A7	07 Aug 2023	Water Color	Blueish-Green
A7	07 Aug 2023	Wave Ht Low (ft)	2
A7	07 Aug 2023	Wave Period (sec)	15
A7	07 Aug 2023	Sea State	Calm
A7	07 Aug 2023	High Tide (ft)	5.24
A7	07 Aug 2023	High Tide Time	1436
A7	07 Aug 2023	Low Tide (ft)	1.37
A7	07 Aug 2023	Low Tide Time	2142
A7	07 Aug 2023	Comments	none
A7	14 Aug 2023	Depth (m)	19
A7	14 Aug 2023	Arrive Time	759
A7	14 Aug 2023	Depart Time	803
A7	14 Aug 2023	Air Temp (C)	19.2
A7	14 Aug 2023	Weather	Overcast
A7	14 Aug 2023	Visibility (mi)	3
A7	14 Aug 2023	Wind Speed (kts)	5.1
A7	14 Aug 2023	Wind Dir	N
A7	14 Aug 2023	Water Color	Brownish-Green
A7	14 Aug 2023	Wave Ht Low (ft)	2
A7	14 Aug 2023	Wave Period (sec)	12
A7	14 Aug 2023	Sea State	Light Chop
A7	14 Aug 2023	High Tide (ft)	6
A7	14 Aug 2023	High Tide Time	2042
A7	14 Aug 2023	Low Tide (ft)	-0.32
A7	14 Aug 2023	Low Tide Time	318
A7	14 Aug 2023	Comments	none
A7	23 Aug 2023	Depth (m)	17.7
A7	23 Aug 2023	Arrive Time	817
A7	23 Aug 2023	Depart Time	823
A7	23 Aug 2023	Air Temp (C)	16.9
A7	23 Aug 2023	Weather	Clear

Station	Date	Parameter	Value
A7	23 Aug 2023	Visibility (mi)	3
A7	23 Aug 2023	Wind Speed (kts)	0.8
A7	23 Aug 2023	Wind Dir	N
A7	23 Aug 2023	Water Color	Green
A7	23 Aug 2023	Wave Ht Low (ft)	3
A7	23 Aug 2023	Wave Period (sec)	13
A7	23 Aug 2023	Sea State	Calm
A7	23 Aug 2023	High Tide (ft)	4.86
A7	23 Aug 2023	High Tide Time	1354
A7	23 Aug 2023	Low Tide (ft)	1.55
A7	23 Aug 2023	Low Tide Time	2206
A7	23 Aug 2023	Comments	Low salinity throughout water column; Kelp
A7	28 Aug 2023	Depth (m)	19
A7	28 Aug 2023	Arrive Time	817
A7	28 Aug 2023	Depart Time	825
A7	28 Aug 2023	Air Temp (C)	19.2
A7	28 Aug 2023	Weather	Fog
A7	28 Aug 2023	Visibility (mi)	1
A7	28 Aug 2023	Wind Speed (kts)	2.2
A7	28 Aug 2023	Wind Dir	NW
A7	28 Aug 2023	Water Color	Greenish-Blue
A7	28 Aug 2023	Wave Ht Low (ft)	2.3
A7	28 Aug 2023	Wave Period (sec)	15
A7	28 Aug 2023	Sea State	Wind Ripples
A7	28 Aug 2023	High Tide (ft)	6.67
A7	28 Aug 2023	High Tide Time	1942
A7	28 Aug 2023	Low Tide (ft)	-0.75
A7	28 Aug 2023	Low Tide Time	212
A7	28 Aug 2023	Comments	none
C4	04 Aug 2023	Depth (m)	11
C4	04 Aug 2023	Arrive Time	1016
C4	04 Aug 2023	Depart Time	1018
C4	04 Aug 2023	Air Temp (C)	18.7
C4	04 Aug 2023	Weather	Partly Cloudy
C4	04 Aug 2023	Visibility (mi)	10
C4	04 Aug 2023	Wind Speed (kts)	0
C4	04 Aug 2023	Wind Dir	E
C4	04 Aug 2023	Water Color	Green
C4	04 Aug 2023	Wave Ht Low (ft)	3.6
C4	04 Aug 2023	Wave Period (sec)	8
C4	04 Aug 2023	Sea State	Confused Swell
C4	04 Aug 2023	High Tide (ft)	6.08
C4	04 Aug 2023	High Tide Time	6
C4	04 Aug 2023	Low Tide (ft)	-0.69
C4	04 Aug 2023	Low Tide Time	548
C4	04 Aug 2023	Comments	none
C4	07 Aug 2023	Depth (m)	9
C4	07 Aug 2023	Arrive Time	957
C4	07 Aug 2023	Depart Time	958
C4	07 Aug 2023	Air Temp (C)	18.4
C4	07 Aug 2023	Weather	Fog
C4	07 Aug 2023	Visibility (mi)	0
C4	07 Aug 2023	Wind Speed (kts)	0
C4	07 Aug 2023	Wind Dir	E
C4	07 Aug 2023	Water Color	Blueish-Green
C4	07 Aug 2023	Wave Ht Low (ft)	2
C4	07 Aug 2023	Wave Period (sec)	15
C4	07 Aug 2023	Sea State	Calm

Station	Date	Parameter	Value
C4	07 Aug 2023	High Tide (ft)	5.24
C4	07 Aug 2023	High Tide Time	1436
C4	07 Aug 2023	Low Tide (ft)	1.37
C4	07 Aug 2023	Low Tide Time	2142
C4	07 Aug 2023	Comments	Kelp
C4	14 Aug 2023	Depth (m)	10
C4	14 Aug 2023	Arrive Time	913
C4	14 Aug 2023	Depart Time	917
C4	14 Aug 2023	Air Temp (C)	19.4
C4	14 Aug 2023	Weather	Overcast
C4	14 Aug 2023	Visibility (mi)	3
C4	14 Aug 2023	Wind Speed (kts)	0
C4	14 Aug 2023	Wind Dir	SE
C4	14 Aug 2023	Water Color	Green
C4	14 Aug 2023	Wave Ht Low (ft)	2
C4	14 Aug 2023	Wave Period (sec)	12
C4	14 Aug 2023	Sea State	Light Chop
C4	14 Aug 2023	High Tide (ft)	6
C4	14 Aug 2023	High Tide Time	2042
C4	14 Aug 2023	Low Tide (ft)	-0.32
C4	14 Aug 2023	Low Tide Time	318
C4	14 Aug 2023	Comments	none
C4	23 Aug 2023	Depth (m)	9
C4	23 Aug 2023	Arrive Time	948
C4	23 Aug 2023	Depart Time	952
C4	23 Aug 2023	Air Temp (C)	18
C4	23 Aug 2023	Weather	Clear
C4	23 Aug 2023	Visibility (mi)	3
C4	23 Aug 2023	Wind Speed (kts)	0.4
C4	23 Aug 2023	Wind Dir	N
C4	23 Aug 2023	Water Color	Green
C4	23 Aug 2023	Wave Ht Low (ft)	3
C4	23 Aug 2023	Wave Period (sec)	13
C4	23 Aug 2023	Sea State	Calm
C4	23 Aug 2023	High Tide (ft)	4.86
C4	23 Aug 2023	High Tide Time	1354
C4	23 Aug 2023	Low Tide (ft)	1.55
C4	23 Aug 2023	Low Tide Time	2206
C4	23 Aug 2023	Comments	Kelp; Kelp Debris; Seagrass
C4	28 Aug 2023	Depth (m)	11
C4	28 Aug 2023	Arrive Time	939
C4	28 Aug 2023	Depart Time	943
C4	28 Aug 2023	Air Temp (C)	19
C4	28 Aug 2023	Weather	Partly Cloudy
C4	28 Aug 2023	Visibility (mi)	2
C4	28 Aug 2023	Wind Speed (kts)	2.9
C4	28 Aug 2023	Wind Dir	N
C4	28 Aug 2023	Water Color	Green
C4	28 Aug 2023	Wave Ht Low (ft)	2.3
C4	28 Aug 2023	Wave Period (sec)	15
C4	28 Aug 2023	Sea State	Wind Ripples
C4	28 Aug 2023	High Tide (ft)	6.67
C4	28 Aug 2023	High Tide Time	1942
C4	28 Aug 2023	Low Tide (ft)	-0.75
C4	28 Aug 2023	Low Tide Time	212
C4	28 Aug 2023	Comments	Kelp Debris
C5	04 Aug 2023	Depth (m)	11

Station	Date	Parameter	Value
C5	04 Aug 2023	Arrive Time	1008
C5	04 Aug 2023	Depart Time	1009
C5	04 Aug 2023	Air Temp (C)	18.6
C5	04 Aug 2023	Weather	Partly Cloudy
C5	04 Aug 2023	Visibility (mi)	10
C5	04 Aug 2023	Wind Speed (kts)	1.8
C5	04 Aug 2023	Wind Dir	S
C5	04 Aug 2023	Water Color	Green
C5	04 Aug 2023	Wave Ht Low (ft)	3.6
C5	04 Aug 2023	Wave Period (sec)	8
C5	04 Aug 2023	Sea State	Confused Swell
C5	04 Aug 2023	High Tide (ft)	6.08
C5	04 Aug 2023	High Tide Time	6
C5	04 Aug 2023	Low Tide (ft)	-0.69
C5	04 Aug 2023	Low Tide Time	548
C5	04 Aug 2023	Comments	none
C5	07 Aug 2023	Depth (m)	10
C5	07 Aug 2023	Arrive Time	942
C5	07 Aug 2023	Depart Time	948
C5	07 Aug 2023	Air Temp (C)	18
C5	07 Aug 2023	Weather	Fog
C5	07 Aug 2023	Visibility (mi)	0
C5	07 Aug 2023	Wind Speed (kts)	1.8
C5	07 Aug 2023	Wind Dir	S
C5	07 Aug 2023	Water Color	Blueish-Green
C5	07 Aug 2023	Wave Ht Low (ft)	2
C5	07 Aug 2023	Wave Period (sec)	15
C5	07 Aug 2023	Sea State	Calm
C5	07 Aug 2023	High Tide (ft)	5.24
C5	07 Aug 2023	High Tide Time	1436
C5	07 Aug 2023	Low Tide (ft)	1.37
C5	07 Aug 2023	Low Tide Time	2142
C5	07 Aug 2023	Comments	none
C5	14 Aug 2023	Depth (m)	9
C5	14 Aug 2023	Arrive Time	902
C5	14 Aug 2023	Depart Time	908
C5	14 Aug 2023	Air Temp (C)	19.4
C5	14 Aug 2023	Weather	Overcast
C5	14 Aug 2023	Visibility (mi)	3
C5	14 Aug 2023	Wind Speed (kts)	9.6
C5	14 Aug 2023	Wind Dir	NW
C5	14 Aug 2023	Water Color	Green
C5	14 Aug 2023	Wave Ht Low (ft)	2
C5	14 Aug 2023	Wave Period (sec)	12
C5	14 Aug 2023	Sea State	Light Chop
C5	14 Aug 2023	High Tide (ft)	6
C5	14 Aug 2023	High Tide Time	2042
C5	14 Aug 2023	Low Tide (ft)	-0.32
C5	14 Aug 2023	Low Tide Time	318
C5	14 Aug 2023	Comments	none
C5	23 Aug 2023	Depth (m)	9.3
C5	23 Aug 2023	Arrive Time	938
C5	23 Aug 2023	Depart Time	941
C5	23 Aug 2023	Air Temp (C)	18.3
C5	23 Aug 2023	Weather	Clear
C5	23 Aug 2023	Visibility (mi)	3
C5	23 Aug 2023	Wind Speed (kts)	0.1
C5	23 Aug 2023	Wind Dir	NE

Station	Date	Parameter	Value
C5	23 Aug 2023	Water Color	Green
C5	23 Aug 2023	Wave Ht Low (ft)	3
C5	23 Aug 2023	Wave Period (sec)	13
C5	23 Aug 2023	Sea State	Calm
C5	23 Aug 2023	High Tide (ft)	4.86
C5	23 Aug 2023	High Tide Time	1354
C5	23 Aug 2023	Low Tide (ft)	1.55
C5	23 Aug 2023	Low Tide Time	2206
C5	23 Aug 2023	Comments	Kelp; Kelp Debris; Seagrass
C5	28 Aug 2023	Depth (m)	11
C5	28 Aug 2023	Arrive Time	929
C5	28 Aug 2023	Depart Time	932
C5	28 Aug 2023	Air Temp (C)	19.8
C5	28 Aug 2023	Weather	Partly Cloudy
C5	28 Aug 2023	Visibility (mi)	2
C5	28 Aug 2023	Wind Speed (kts)	1.8
C5	28 Aug 2023	Wind Dir	SE
C5	28 Aug 2023	Water Color	Green
C5	28 Aug 2023	Wave Ht Low (ft)	2.3
C5	28 Aug 2023	Wave Period (sec)	15
C5	28 Aug 2023	Sea State	Wind Ripples
C5	28 Aug 2023	High Tide (ft)	6.67
C5	28 Aug 2023	High Tide Time	1942
C5	28 Aug 2023	Low Tide (ft)	-0.75
C5	28 Aug 2023	Low Tide Time	212
C5	28 Aug 2023	Comments	Kelp Debris
C6	04 Aug 2023	Depth (m)	9
C6	04 Aug 2023	Arrive Time	955
C6	04 Aug 2023	Depart Time	958
C6	04 Aug 2023	Air Temp (C)	18.6
C6	04 Aug 2023	Weather	Partly Cloudy
C6	04 Aug 2023	Visibility (mi)	10
C6	04 Aug 2023	Wind Speed (kts)	2.5
C6	04 Aug 2023	Wind Dir	S
C6	04 Aug 2023	Water Color	Greenish-Blue
C6	04 Aug 2023	Wave Ht Low (ft)	3.6
C6	04 Aug 2023	Wave Period (sec)	8
C6	04 Aug 2023	Sea State	Confused Swell
C6	04 Aug 2023	High Tide (ft)	6.08
C6	04 Aug 2023	High Tide Time	6
C6	04 Aug 2023	Low Tide (ft)	-0.69
C6	04 Aug 2023	Low Tide Time	548
C6	04 Aug 2023	Comments	none
C6	07 Aug 2023	Depth (m)	9
C6	07 Aug 2023	Arrive Time	933
C6	07 Aug 2023	Depart Time	938
C6	07 Aug 2023	Air Temp (C)	18.3
C6	07 Aug 2023	Weather	Fog
C6	07 Aug 2023	Visibility (mi)	0
C6	07 Aug 2023	Wind Speed (kts)	1.1
C6	07 Aug 2023	Wind Dir	SE
C6	07 Aug 2023	Water Color	Blueish-Green
C6	07 Aug 2023	Wave Ht Low (ft)	2
C6	07 Aug 2023	Wave Period (sec)	15
C6	07 Aug 2023	Sea State	Calm
C6	07 Aug 2023	High Tide (ft)	5.24
C6	07 Aug 2023	High Tide Time	1436
C6	07 Aug 2023	Low Tide (ft)	1.37

Station	Date	Parameter	Value
C6	07 Aug 2023	Low Tide Time	2142
C6	07 Aug 2023	Comments	Kelp
C6	14 Aug 2023	Depth (m)	9
C6	14 Aug 2023	Arrive Time	850
C6	14 Aug 2023	Depart Time	856
C6	14 Aug 2023	Air Temp (C)	19.5
C6	14 Aug 2023	Weather	Overcast
C6	14 Aug 2023	Visibility (mi)	3
C6	14 Aug 2023	Wind Speed (kts)	1.9
C6	14 Aug 2023	Wind Dir	N
C6	14 Aug 2023	Water Color	Brownish-Green
C6	14 Aug 2023	Wave Ht Low (ft)	2
C6	14 Aug 2023	Wave Period (sec)	12
C6	14 Aug 2023	Sea State	Light Chop
C6	14 Aug 2023	High Tide (ft)	6
C6	14 Aug 2023	High Tide Time	2042
C6	14 Aug 2023	Low Tide (ft)	-0.32
C6	14 Aug 2023	Low Tide Time	318
C6	14 Aug 2023	Comments	none
C6	23 Aug 2023	Depth (m)	9.2
C6	23 Aug 2023	Arrive Time	926
C6	23 Aug 2023	Depart Time	929
C6	23 Aug 2023	Air Temp (C)	18.3
C6	23 Aug 2023	Weather	Clear
C6	23 Aug 2023	Visibility (mi)	3
C6	23 Aug 2023	Wind Speed (kts)	0
C6	23 Aug 2023	Wind Dir	N
C6	23 Aug 2023	Water Color	Green
C6	23 Aug 2023	Wave Ht Low (ft)	3
C6	23 Aug 2023	Wave Period (sec)	13
C6	23 Aug 2023	Sea State	Calm
C6	23 Aug 2023	High Tide (ft)	4.86
C6	23 Aug 2023	High Tide Time	1354
C6	23 Aug 2023	Low Tide (ft)	1.55
C6	23 Aug 2023	Low Tide Time	2206
C6	23 Aug 2023	Comments	Kelp
C6	28 Aug 2023	Depth (m)	10
C6	28 Aug 2023	Arrive Time	914
C6	28 Aug 2023	Depart Time	920
C6	28 Aug 2023	Air Temp (C)	19.8
C6	28 Aug 2023	Weather	Partly Cloudy
C6	28 Aug 2023	Visibility (mi)	2
C6	28 Aug 2023	Wind Speed (kts)	1.7
C6	28 Aug 2023	Wind Dir	S
C6	28 Aug 2023	Water Color	Green
C6	28 Aug 2023	Wave Ht Low (ft)	2.3
C6	28 Aug 2023	Wave Period (sec)	15
C6	28 Aug 2023	Sea State	Wind Ripples
C6	28 Aug 2023	High Tide (ft)	6.67
C6	28 Aug 2023	High Tide Time	1942
C6	28 Aug 2023	Low Tide (ft)	-0.75
C6	28 Aug 2023	Low Tide Time	212
C6	28 Aug 2023	Comments	Kelp Debris; Seagrass
C7	04 Aug 2023	Depth (m)	
C7	04 Aug 2023	Arrive Time	927
C7	04 Aug 2023	Depart Time	932
C7	04 Aug 2023	Air Temp (C)	18.7

Station	Date	Parameter	Value
C7	04 Aug 2023	Weather	Partly Cloudy
C7	04 Aug 2023	Visibility (mi)	10
C7	04 Aug 2023	Wind Speed (kts)	3.6
C7	04 Aug 2023	Wind Dir	S
C7	04 Aug 2023	Water Color	Greenish-Blue
C7	04 Aug 2023	Wave Ht Low (ft)	3.6
C7	04 Aug 2023	Wave Period (sec)	8
C7	04 Aug 2023	Sea State	Confused Swell
C7	04 Aug 2023	High Tide (ft)	6.08
C7	04 Aug 2023	High Tide Time	6
C7	04 Aug 2023	Low Tide (ft)	-0.69
C7	04 Aug 2023	Low Tide Time	548
C7	04 Aug 2023	Comments	none
C7	07 Aug 2023	Depth (m)	17
C7	07 Aug 2023	Arrive Time	853
C7	07 Aug 2023	Depart Time	910
C7	07 Aug 2023	Air Temp (C)	18.5
C7	07 Aug 2023	Weather	Fog
C7	07 Aug 2023	Visibility (mi)	0
C7	07 Aug 2023	Wind Speed (kts)	5
C7	07 Aug 2023	Wind Dir	N
C7	07 Aug 2023	Water Color	Blueish-Green
C7	07 Aug 2023	Wave Ht Low (ft)	2
C7	07 Aug 2023	Wave Period (sec)	15
C7	07 Aug 2023	Sea State	Calm
C7	07 Aug 2023	High Tide (ft)	5.24
C7	07 Aug 2023	High Tide Time	1436
C7	07 Aug 2023	Low Tide (ft)	1.37
C7	07 Aug 2023	Low Tide Time	2142
C7	07 Aug 2023	Comments	Very low tide; Multiple attempts made to get depth
C7	14 Aug 2023	Depth (m)	18
C7	14 Aug 2023	Arrive Time	825
C7	14 Aug 2023	Depart Time	832
C7	14 Aug 2023	Air Temp (C)	19.2
C7	14 Aug 2023	Weather	Overcast
C7	14 Aug 2023	Visibility (mi)	3
C7	14 Aug 2023	Wind Speed (kts)	4.5
C7	14 Aug 2023	Wind Dir	N
C7	14 Aug 2023	Water Color	Green
C7	14 Aug 2023	Wave Ht Low (ft)	2
C7	14 Aug 2023	Wave Period (sec)	12
C7	14 Aug 2023	Sea State	Light Chop
C7	14 Aug 2023	High Tide (ft)	6
C7	14 Aug 2023	High Tide Time	2042
C7	14 Aug 2023	Low Tide (ft)	-0.32
C7	14 Aug 2023	Low Tide Time	318
C7	14 Aug 2023	Comments	none
C7	23 Aug 2023	Depth (m)	18.1
C7	23 Aug 2023	Arrive Time	858
C7	23 Aug 2023	Depart Time	901
C7	23 Aug 2023	Air Temp (C)	18.2
C7	23 Aug 2023	Weather	Clear
C7	23 Aug 2023	Visibility (mi)	3
C7	23 Aug 2023	Wind Speed (kts)	0
C7	23 Aug 2023	Wind Dir	S
C7	23 Aug 2023	Water Color	Brownish-Green
C7	23 Aug 2023	Wave Ht Low (ft)	3
C7	23 Aug 2023	Wave Period (sec)	13

Station	Date	Parameter	Value
C7	23 Aug 2023	Sea State	Calm
C7	23 Aug 2023	High Tide (ft)	4.86
C7	23 Aug 2023	High Tide Time	1354
C7	23 Aug 2023	Low Tide (ft)	1.55
C7	23 Aug 2023	Low Tide Time	2206
C7	23 Aug 2023	Comments	Kelp
C7	28 Aug 2023	Depth (m)	18
C7	28 Aug 2023	Arrive Time	846
C7	28 Aug 2023	Depart Time	851
C7	28 Aug 2023	Air Temp (C)	18.7
C7	28 Aug 2023	Weather	Fog
C7	28 Aug 2023	Visibility (mi)	1
C7	28 Aug 2023	Wind Speed (kts)	6.8
C7	28 Aug 2023	Wind Dir	N
C7	28 Aug 2023	Water Color	Greenish-Blue
C7	28 Aug 2023	Wave Ht Low (ft)	2.3
C7	28 Aug 2023	Wave Period (sec)	15
C7	28 Aug 2023	Sea State	Wind Ripples
C7	28 Aug 2023	High Tide (ft)	6.67
C7	28 Aug 2023	High Tide Time	1942
C7	28 Aug 2023	Low Tide (ft)	-0.75
C7	28 Aug 2023	Low Tide Time	212
C7	28 Aug 2023	Comments	none
C8	04 Aug 2023	Depth (m)	
C8	04 Aug 2023	Arrive Time	938
C8	04 Aug 2023	Depart Time	941
C8	04 Aug 2023	Air Temp (C)	18.9
C8	04 Aug 2023	Weather	Partly Cloudy
C8	04 Aug 2023	Visibility (mi)	10
C8	04 Aug 2023	Wind Speed (kts)	6.2
C8	04 Aug 2023	Wind Dir	S
C8	04 Aug 2023	Water Color	Greenish-Blue
C8	04 Aug 2023	Wave Ht Low (ft)	3.6
C8	04 Aug 2023	Wave Period (sec)	8
C8	04 Aug 2023	Sea State	Confused Swell
C8	04 Aug 2023	High Tide (ft)	6.08
C8	04 Aug 2023	High Tide Time	6
C8	04 Aug 2023	Low Tide (ft)	-0.69
C8	04 Aug 2023	Low Tide Time	548
C8	04 Aug 2023	Comments	none
C8	07 Aug 2023	Depth (m)	18
C8	07 Aug 2023	Arrive Time	917
C8	07 Aug 2023	Depart Time	928
C8	07 Aug 2023	Air Temp (C)	19
C8	07 Aug 2023	Weather	Fog
C8	07 Aug 2023	Visibility (mi)	0
C8	07 Aug 2023	Wind Speed (kts)	0.9
C8	07 Aug 2023	Wind Dir	E
C8	07 Aug 2023	Water Color	Blueish-Green
C8	07 Aug 2023	Wave Ht Low (ft)	2
C8	07 Aug 2023	Wave Period (sec)	15
C8	07 Aug 2023	Sea State	Calm
C8	07 Aug 2023	High Tide (ft)	5.24
C8	07 Aug 2023	High Tide Time	1436
C8	07 Aug 2023	Low Tide (ft)	1.37
C8	07 Aug 2023	Low Tide Time	2142
C8	07 Aug 2023	Comments	none

Station	Date	Parameter	Value
C8	14 Aug 2023	Depth (m)	19
C8	14 Aug 2023	Arrive Time	836
C8	14 Aug 2023	Depart Time	841
C8	14 Aug 2023	Air Temp (C)	19.2
C8	14 Aug 2023	Weather	Overcast
C8	14 Aug 2023	Visibility (mi)	3
C8	14 Aug 2023	Wind Speed (kts)	3
C8	14 Aug 2023	Wind Dir	N
C8	14 Aug 2023	Water Color	Green
C8	14 Aug 2023	Wave Ht Low (ft)	2
C8	14 Aug 2023	Wave Period (sec)	12
C8	14 Aug 2023	Sea State	Light Chop
C8	14 Aug 2023	High Tide (ft)	6
C8	14 Aug 2023	High Tide Time	2042
C8	14 Aug 2023	Low Tide (ft)	-0.32
C8	14 Aug 2023	Low Tide Time	318
C8	14 Aug 2023	Comments	none
C8	23 Aug 2023	Depth (m)	18.1
C8	23 Aug 2023	Arrive Time	908
C8	23 Aug 2023	Depart Time	911
C8	23 Aug 2023	Air Temp (C)	18.3
C8	23 Aug 2023	Weather	Clear
C8	23 Aug 2023	Visibility (mi)	3
C8	23 Aug 2023	Wind Speed (kts)	0
C8	23 Aug 2023	Wind Dir	NE
C8	23 Aug 2023	Water Color	Green
C8	23 Aug 2023	Wave Ht Low (ft)	3
C8	23 Aug 2023	Wave Period (sec)	13
C8	23 Aug 2023	Sea State	Calm
C8	23 Aug 2023	High Tide (ft)	4.86
C8	23 Aug 2023	High Tide Time	1354
C8	23 Aug 2023	Low Tide (ft)	1.55
C8	23 Aug 2023	Low Tide Time	2206
C8	23 Aug 2023	Comments	Kelp
C8	28 Aug 2023	Depth (m)	19
C8	28 Aug 2023	Arrive Time	858
C8	28 Aug 2023	Depart Time	905
C8	28 Aug 2023	Air Temp (C)	18.8
C8	28 Aug 2023	Weather	Fog
C8	28 Aug 2023	Visibility (mi)	2
C8	28 Aug 2023	Wind Speed (kts)	3.9
C8	28 Aug 2023	Wind Dir	NW
C8	28 Aug 2023	Water Color	Greenish-Blue
C8	28 Aug 2023	Wave Ht Low (ft)	2.3
C8	28 Aug 2023	Wave Period (sec)	15
C8	28 Aug 2023	Sea State	Wind Ripples
C8	28 Aug 2023	High Tide (ft)	6.67
C8	28 Aug 2023	High Tide Time	1942
C8	28 Aug 2023	Low Tide (ft)	-0.75
C8	28 Aug 2023	Low Tide Time	212
C8	28 Aug 2023	Comments	none

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 (σ -t)	Chlor (μ g/L)
A1	04 Aug 2023	1	18.96	83.65	8.1	33.38	8.1	23.8	0.99
A1	04 Aug 2023	2	18.05	83.55	8.1	33.43	8.2	24.1	1.13
A1	04 Aug 2023	3	16.55	81.38	8.1	33.39	8.2	24.4	2.03
A1	04 Aug 2023	4	15.75	79.23	8.0	33.35	8.1	24.5	3.04
A1	04 Aug 2023	5	14.71	81.51	7.9	33.36	8.1	24.8	3.22
A1	04 Aug 2023	6	14.53	84.50	8.0	33.29	8.1	24.8	2.39
A1	04 Aug 2023	7	14.05	86.68	8.0	33.30	8.1	24.9	1.84
A1	04 Aug 2023	8	13.81	87.70	7.9	33.28	8.1	24.9	1.55
A1	04 Aug 2023	9	13.43	88.36	8.0	33.28	8.1	25.0	1.28
A1	04 Aug 2023	10	13.30	89.15	7.9	33.27	8.1	25.0	1.27
A1	04 Aug 2023	11	13.29	89.76	7.9	33.27	8.1	25.0	1.03
A1	04 Aug 2023	12	13.21	89.91	7.8	33.27	8.1	25.0	1.04
A1	04 Aug 2023	13	13.19	89.91	7.8	33.28	8.1	25.0	0.89
A1	04 Aug 2023	14	13.17	89.81	7.8	33.28	8.1	25.0	0.92
A1	04 Aug 2023	15	13.10	89.54	7.6	33.28	8.1	25.0	0.91
A1	04 Aug 2023	16	13.05	88.23	7.6	33.29	8.1	25.1	0.91
A1	04 Aug 2023	17	12.99	89.11	7.5	33.30	8.1	25.1	0.86
A1	04 Aug 2023	18	12.94	89.04	7.5	33.31	8.0	25.1	0.84
A1	04 Aug 2023	19	12.93	88.40	7.3	33.31	8.0	25.1	0.88
A1	07 Aug 2023	1	19.45	84.77	8.0	33.47	8.1	23.7	1.72
A1	07 Aug 2023	2	16.93	84.62	8.2	33.45	8.1	24.3	1.90
A1	07 Aug 2023	3	16.41	83.85	8.1	33.38	8.1	24.4	2.35
A1	07 Aug 2023	4	15.30	82.66	8.0	33.39	8.1	24.7	2.65
A1	07 Aug 2023	5	14.88	83.42	7.9	33.34	8.1	24.7	2.52
A1	07 Aug 2023	6	14.46	84.58	7.8	33.34	8.1	24.8	2.23
A1	07 Aug 2023	7	14.32	86.49	7.8	33.32	8.1	24.8	1.77
A1	07 Aug 2023	8	14.15	87.17	7.8	33.33	8.1	24.9	1.61
A1	07 Aug 2023	9	14.11	87.53	7.8	33.32	8.1	24.9	1.36
A1	07 Aug 2023	10	14.06	87.77	7.7	33.32	8.1	24.9	1.28
A1	07 Aug 2023	11	13.97	87.90	7.7	33.32	8.1	24.9	1.26
A1	07 Aug 2023	12	13.76	87.95	7.6	33.33	8.0	24.9	1.27
A1	07 Aug 2023	13	13.51	88.74	7.6	33.33	8.0	25.0	1.15
A1	07 Aug 2023	14	13.48	89.15	7.5	33.32	8.0	25.0	1.09
A1	07 Aug 2023	15	13.43	89.26	7.5	33.33	8.0	25.0	1.06
A1	07 Aug 2023	16	13.39	89.22	7.5	33.33	8.0	25.0	1.06
A1	07 Aug 2023	17	13.39	89.24	7.4	33.33	8.0	25.0	0.98
A1	07 Aug 2023	18	13.39	89.26	7.3	33.33	8.0	25.0	1.00
A1	14 Aug 2023	1	17.08	87.76	8.9	33.33	8.1	24.2	1.02
A1	14 Aug 2023	2	16.07	88.01	8.7	33.31	8.1	24.4	1.01
A1	14 Aug 2023	3	15.64	88.70	8.7	33.28	8.1	24.5	0.93
A1	14 Aug 2023	4	14.77	88.63	8.4	33.30	8.1	24.7	1.07
A1	14 Aug 2023	5	14.63	88.36	8.3	33.29	8.1	24.7	1.25
A1	14 Aug 2023	6	14.46	88.40	8.2	33.29	8.0	24.8	1.36
A1	14 Aug 2023	7	14.19	87.79	8.0	33.30	8.0	24.8	1.38
A1	14 Aug 2023	8	13.86	88.16	7.8	33.30	8.0	24.9	1.41
A1	14 Aug 2023	9	13.57	88.17	7.6	33.31	8.0	25.0	1.31
A1	14 Aug 2023	10	13.33	88.40	7.4	33.32	8.0	25.0	1.19
A1	14 Aug 2023	11	13.16	88.80	7.2	33.32	8.0	25.1	1.07
A1	14 Aug 2023	12	12.93	89.08	7.0	33.33	8.0	25.1	0.86
A1	14 Aug 2023	13	12.64	89.29	6.8	33.35	7.9	25.2	0.69
A1	14 Aug 2023	14	12.56	89.40	6.7	33.36	7.9	25.2	0.63
A1	14 Aug 2023	15	12.36	89.31	6.5	33.37	7.9	25.3	0.55
A1	14 Aug 2023	16	12.20	88.88	6.4	33.38	7.9	25.3	0.50
A1	14 Aug 2023	17	12.14	88.36	6.3	33.38	7.9	25.3	0.48

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
A1	14 Aug 2023	18	12.08	87.46	6.2	33.39	7.9	25.3	0.48
A1	23 Aug 2023	1	17.07	72.18	9.4	32.98	8.2	23.9	4.29
A1	23 Aug 2023	2	17.10	70.85	9.4	32.97	8.2	23.9	4.26
A1	23 Aug 2023	3	16.89	70.81	9.5	33.00	8.2	24.0	4.45
A1	23 Aug 2023	4	16.90	73.41	9.4	33.00	8.2	24.0	4.27
A1	23 Aug 2023	5	16.76	74.14	9.4	33.02	8.2	24.0	3.99
A1	23 Aug 2023	6	16.74	75.20	9.3	33.02	8.2	24.1	3.82
A1	23 Aug 2023	7	16.74	75.71	9.4	33.02	8.2	24.1	3.65
A1	23 Aug 2023	8	16.69	75.73	9.3	33.03	8.2	24.1	3.63
A1	23 Aug 2023	9	16.62	76.21	9.3	33.03	8.2	24.1	3.37
A1	23 Aug 2023	10	16.58	76.76	9.3	33.04	8.2	24.1	3.35
A1	23 Aug 2023	11	16.58	77.18	9.3	33.04	8.2	24.1	3.27
A1	23 Aug 2023	12	16.54	77.29	9.3	33.05	8.2	24.1	3.29
A1	23 Aug 2023	13	16.50	77.57	9.2	33.05	8.2	24.1	3.25
A1	23 Aug 2023	14	16.45	77.55	9.2	33.05	8.2	24.1	3.20
A1	23 Aug 2023	15	16.30	77.76	9.0	33.08	8.2	24.2	3.14
A1	23 Aug 2023	16	15.96	77.80	8.7	33.11	8.1	24.3	3.05
A1	23 Aug 2023	17	15.72	78.30	8.6	33.12	8.1	24.4	2.95
A1	23 Aug 2023	18	15.65	78.93	8.6	33.12	8.1	24.4	3.01
A1	28 Aug 2023	1	17.60	82.63	9.3	33.12	8.2	23.9	2.03
A1	28 Aug 2023	2	17.48	82.50	9.3	33.12	8.2	24.0	2.46
A1	28 Aug 2023	3	17.42	81.90	9.3	33.12	8.2	24.0	2.81
A1	28 Aug 2023	4	17.21	81.70	9.1	33.15	8.2	24.0	2.57
A1	28 Aug 2023	5	16.71	83.02	9.0	33.17	8.2	24.2	2.59
A1	28 Aug 2023	6	16.34	82.30	8.9	33.17	8.1	24.3	3.03
A1	28 Aug 2023	7	16.13	81.56	8.8	33.17	8.1	24.3	3.20
A1	28 Aug 2023	8	15.81	81.76	8.7	33.18	8.1	24.4	3.11
A1	28 Aug 2023	9	15.63	82.41	8.6	33.18	8.1	24.4	3.02
A1	28 Aug 2023	10	15.11	83.15	8.3	33.20	8.1	24.6	3.00
A1	28 Aug 2023	11	14.96	83.10	8.2	33.19	8.1	24.6	3.23
A1	28 Aug 2023	12	14.74	82.84	8.0	33.20	8.1	24.6	3.50
A1	28 Aug 2023	13	14.44	82.63	7.7	33.21	8.0	24.7	3.60
A1	28 Aug 2023	14	14.06	82.15	7.3	33.24	8.0	24.8	3.49
A1	28 Aug 2023	15	13.95	83.85	7.0	33.23	8.0	24.8	3.03
A1	28 Aug 2023	16	13.80	85.58	6.7	33.25	8.0	24.9	2.33
A1	28 Aug 2023	17	13.58	86.55	6.4	33.27	7.9	24.9	1.57
A1	28 Aug 2023	18	13.00	87.57	6.1	33.34	7.9	25.1	1.03
A6	04 Aug 2023	1	19.93	80.35	8.2	33.42	8.2	23.6	1.16
A6	04 Aug 2023	2	19.63	80.34	8.2	33.41	8.2	23.6	1.35
A6	04 Aug 2023	3	19.20	77.27	7.7	33.46	8.2	23.8	1.61
A6	04 Aug 2023	4	16.37	76.42	7.4	33.50	8.2	24.5	1.85
A6	04 Aug 2023	5	15.18	84.01	7.6	33.29	8.2	24.6	1.33
A6	04 Aug 2023	6	13.75	89.21	7.7	33.41	8.2	25.0	1.00
A6	04 Aug 2023	7	13.38	89.57	7.7	33.30	8.1	25.0	0.76
A6	04 Aug 2023	8	13.26	89.85	7.7	33.28	8.1	25.0	0.54
A6	04 Aug 2023	9	13.08	90.10	7.7	33.28	8.1	25.0	0.50
A6	04 Aug 2023	10	13.02	90.17	7.7	33.28	8.1	25.1	0.51
A6	04 Aug 2023	11	13.04	90.34	7.7	33.28	8.1	25.1	0.56
A6	04 Aug 2023	12	12.94	90.17	7.6	33.29	8.1	25.1	0.56
A6	04 Aug 2023	13	12.92	89.92	7.5	33.30	8.1	25.1	0.59
A6	04 Aug 2023	14	12.89	90.02	7.5	33.30	8.1	25.1	0.57
A6	04 Aug 2023	15	12.86	89.90	7.4	33.30	8.1	25.1	0.64
A6	04 Aug 2023	16	12.86	89.68	7.4	33.31	8.1	25.1	0.61
A6	04 Aug 2023	17	12.81	89.61	7.3	33.32	8.1	25.1	0.62
A6	04 Aug 2023	18	12.77	89.27	7.2	33.32	8.1	25.1	0.64
A6	04 Aug 2023	19	12.76	89.20	7.1	33.33	8.1	25.1	0.65
A6	07 Aug 2023	1	20.31	83.48	8.4	33.42	8.2	23.5	1.18

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
A6	07 Aug 2023	2	20.22	83.58	8.4	33.43	8.2	23.5	1.22
A6	07 Aug 2023	3	19.83	83.54	8.5	33.44	8.2	23.6	1.41
A6	07 Aug 2023	4	19.36	83.39	8.5	33.42	8.2	23.7	1.77
A6	07 Aug 2023	5	19.15	82.68	8.5	33.41	8.2	23.8	2.23
A6	07 Aug 2023	6	19.03	82.52	8.5	33.40	8.2	23.8	2.67
A6	07 Aug 2023	7	18.73	82.25	8.5	33.40	8.2	23.9	2.72
A6	07 Aug 2023	8	18.48	82.05	8.4	33.40	8.2	23.9	2.85
A6	07 Aug 2023	9	17.58	82.31	8.2	33.45	8.1	24.2	2.69
A6	07 Aug 2023	10	16.92	82.05	8.0	33.40	8.1	24.3	3.20
A6	07 Aug 2023	11	16.27	81.44	8.0	33.40	8.1	24.5	3.62
A6	07 Aug 2023	12	15.79	82.14	7.8	33.40	8.1	24.6	3.35
A6	07 Aug 2023	13	15.28	83.46	7.7	33.37	8.1	24.7	2.70
A6	07 Aug 2023	14	15.00	85.48	7.7	33.37	8.1	24.7	1.82
A6	07 Aug 2023	15	14.86	86.45	7.7	33.34	8.1	24.7	1.42
A6	07 Aug 2023	16	14.75	86.91	7.7	33.35	8.1	24.8	1.30
A6	07 Aug 2023	17	14.42	87.06	7.6	33.36	8.1	24.8	1.20
A6	07 Aug 2023	18	14.28	87.37	7.6	33.35	8.1	24.9	1.16
A6	07 Aug 2023	19	14.24	87.58	7.5	33.35	8.1	24.9	1.03
A6	14 Aug 2023	1	18.76	85.34	8.6	33.39	8.2	23.9	1.42
A6	14 Aug 2023	2	17.80	85.45	8.6	33.36	8.2	24.1	1.72
A6	14 Aug 2023	3	16.59	85.30	8.7	33.33	8.1	24.3	1.88
A6	14 Aug 2023	4	16.10	86.17	8.6	33.31	8.1	24.4	1.99
A6	14 Aug 2023	5	15.70	86.61	8.5	33.30	8.1	24.5	1.83
A6	14 Aug 2023	6	15.13	86.98	8.3	33.30	8.1	24.6	1.70
A6	14 Aug 2023	7	15.08	87.17	8.2	33.29	8.1	24.6	1.72
A6	14 Aug 2023	8	14.94	87.18	8.0	33.30	8.1	24.7	1.98
A6	14 Aug 2023	9	14.78	85.96	7.8	33.30	8.0	24.7	2.06
A6	14 Aug 2023	10	14.49	86.63	7.8	33.31	8.0	24.8	1.66
A6	14 Aug 2023	11	14.41	87.10	7.7	33.30	8.0	24.8	1.52
A6	14 Aug 2023	12	14.11	87.27	7.5	33.31	8.0	24.9	1.33
A6	14 Aug 2023	13	13.89	87.84	7.4	33.32	8.0	24.9	0.97
A6	14 Aug 2023	14	13.72	88.54	7.3	33.32	8.0	24.9	0.71
A6	14 Aug 2023	15	13.50	88.82	7.0	33.32	8.0	25.0	0.59
A6	14 Aug 2023	16	12.81	88.73	6.6	33.36	8.0	25.2	0.45
A6	14 Aug 2023	17	12.77	88.30	6.5	33.35	7.9	25.2	0.42
A6	14 Aug 2023	18	12.23	87.74	6.2	33.39	7.9	25.3	0.40
A6	14 Aug 2023	19	12.14	87.61	6.2	33.39	7.9	25.3	0.39
A6	23 Aug 2023	1	16.08	74.68	9.0	33.04	8.1	24.2	1.57
A6	23 Aug 2023	2	15.92	74.25	8.9	33.06	8.1	24.3	1.99
A6	23 Aug 2023	3	15.49	73.64	8.9	33.09	8.1	24.4	3.30
A6	23 Aug 2023	4	15.48	74.83	8.9	33.09	8.1	24.4	4.09
A6	23 Aug 2023	5	15.47	75.73	8.9	33.09	8.1	24.4	4.29
A6	23 Aug 2023	6	15.47	76.30	8.9	33.09	8.1	24.4	4.27
A6	23 Aug 2023	7	15.43	76.43	8.8	33.10	8.1	24.4	4.13
A6	23 Aug 2023	8	15.38	78.44	8.8	33.12	8.1	24.4	2.99
A6	23 Aug 2023	9	15.38	79.89	8.8	33.12	8.1	24.4	2.51
A6	23 Aug 2023	10	15.38	80.09	8.8	33.12	8.1	24.4	2.26
A6	23 Aug 2023	11	15.34	80.28	8.8	33.13	8.1	24.5	2.07
A6	23 Aug 2023	12	15.33	80.43	8.8	33.13	8.1	24.5	2.08
A6	23 Aug 2023	13	15.25	80.01	8.7	33.13	8.1	24.5	2.07
A6	23 Aug 2023	14	15.13	80.64	8.6	33.14	8.1	24.5	1.88
A6	23 Aug 2023	15	15.16	82.05	8.5	33.13	8.1	24.5	1.81
A6	23 Aug 2023	16	14.94	83.34	8.3	33.15	8.1	24.6	1.59
A6	23 Aug 2023	17	14.86	83.94	8.1	33.14	8.1	24.6	1.43
A6	23 Aug 2023	18	14.77	84.83	8.0	33.15	8.1	24.6	1.22
A6	23 Aug 2023	19	14.19	85.09	7.6	33.18	8.0	24.7	1.07
A6	23 Aug 2023	20	14.18	83.89	7.6	33.16	8.0	24.7	0.97
A6	28 Aug 2023	1	17.81	84.87	9.6	33.09	8.2	23.9	1.13

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
A6	28 Aug 2023	2	17.65	82.29	9.8	33.12	8.2	23.9	1.79
A6	28 Aug 2023	3	17.30	81.56	9.6	33.14	8.2	24.0	2.32
A6	28 Aug 2023	4	17.00	82.57	9.5	33.14	8.2	24.1	2.69
A6	28 Aug 2023	5	16.69	83.03	9.4	33.16	8.2	24.2	2.64
A6	28 Aug 2023	6	16.52	83.60	9.1	33.16	8.2	24.2	2.47
A6	28 Aug 2023	7	15.32	84.37	8.3	33.22	8.1	24.5	2.05
A6	28 Aug 2023	8	14.86	86.64	7.9	33.19	8.1	24.6	1.31
A6	28 Aug 2023	9	14.92	87.69	7.8	33.18	8.1	24.6	1.10
A6	28 Aug 2023	10	14.59	87.98	7.6	33.20	8.0	24.7	0.92
A6	28 Aug 2023	11	14.37	88.19	7.5	33.22	8.0	24.7	1.00
A6	28 Aug 2023	12	14.20	88.04	7.4	33.23	8.0	24.8	1.07
A6	28 Aug 2023	13	13.62	88.47	7.0	33.28	8.0	24.9	1.02
A6	28 Aug 2023	14	13.46	88.76	7.0	33.27	8.0	25.0	1.05
A6	28 Aug 2023	15	13.39	88.58	7.0	33.28	8.0	25.0	1.23
A6	28 Aug 2023	16	13.18	88.92	6.9	33.30	8.0	25.0	1.14
A6	28 Aug 2023	17	13.07	89.41	6.7	33.31	8.0	25.1	0.96
A6	28 Aug 2023	18	12.85	89.82	6.5	33.34	7.9	25.1	0.69
A7	04 Aug 2023	1	18.77	79.30	8.2	33.39	8.2	23.9	1.67
A7	04 Aug 2023	2	18.02	77.67	8.2	33.41	8.2	24.1	1.88
A7	04 Aug 2023	3	17.22	78.83	8.1	33.37	8.2	24.2	2.32
A7	04 Aug 2023	4	16.62	81.22	7.8	33.40	8.1	24.4	2.16
A7	04 Aug 2023	5	15.30	82.64	8.0	33.35	8.1	24.6	1.95
A7	04 Aug 2023	6	15.35	84.20	8.0	33.31	8.1	24.6	1.66
A7	04 Aug 2023	7	14.72	85.04	7.9	33.35	8.1	24.8	1.51
A7	04 Aug 2023	8	13.93	85.97	7.8	33.35	8.1	24.9	1.31
A7	04 Aug 2023	9	13.69	87.40	7.7	33.28	8.1	24.9	1.02
A7	04 Aug 2023	10	13.18	88.06	7.5	33.35	8.1	25.1	0.81
A7	04 Aug 2023	11	12.98	88.24	7.4	33.31	8.1	25.1	0.73
A7	04 Aug 2023	12	12.91	88.29	7.3	33.31	8.1	25.1	0.70
A7	04 Aug 2023	13	12.82	88.21	7.3	33.32	8.1	25.1	0.70
A7	04 Aug 2023	14	12.81	88.14	7.2	33.32	8.1	25.1	0.66
A7	04 Aug 2023	15	12.75	88.15	7.2	33.33	8.0	25.1	0.66
A7	04 Aug 2023	16	12.76	88.11	7.2	33.33	8.0	25.1	0.67
A7	04 Aug 2023	17	12.71	88.04	7.1	33.34	8.0	25.2	0.68
A7	04 Aug 2023	18	12.68	88.08	7.0	33.34	8.0	25.2	0.69
A7	04 Aug 2023	19	12.70	87.83	7.0	33.34	8.0	25.2	0.69
A7	07 Aug 2023	1	20.61	84.52	8.1	33.43	8.1	23.4	1.13
A7	07 Aug 2023	2	20.65	85.12	8.1	33.43	8.1	23.4	1.17
A7	07 Aug 2023	3	20.41	85.20	8.1	33.46	8.1	23.5	1.19
A7	07 Aug 2023	4	19.78	85.22	8.2	33.46	8.2	23.6	1.27
A7	07 Aug 2023	5	19.16	84.90	8.2	33.46	8.2	23.8	1.44
A7	07 Aug 2023	6	17.94	84.58	8.2	33.48	8.2	24.1	1.65
A7	07 Aug 2023	7	16.83	84.01	8.2	33.44	8.1	24.4	1.84
A7	07 Aug 2023	8	16.28	83.82	8.2	33.39	8.1	24.4	2.10
A7	07 Aug 2023	9	15.63	83.82	8.0	33.41	8.1	24.6	2.20
A7	07 Aug 2023	10	15.03	84.22	7.8	33.40	8.1	24.7	2.27
A7	07 Aug 2023	11	14.75	85.46	7.8	33.36	8.1	24.8	2.05
A7	07 Aug 2023	12	14.46	86.77	7.7	33.37	8.1	24.8	1.67
A7	07 Aug 2023	13	13.98	87.41	7.7	33.36	8.1	24.9	1.47
A7	07 Aug 2023	14	13.91	88.12	7.7	33.34	8.1	24.9	1.27
A7	07 Aug 2023	15	13.88	88.53	7.7	33.33	8.1	24.9	1.17
A7	07 Aug 2023	16	13.86	88.80	7.7	33.33	8.1	24.9	1.14
A7	07 Aug 2023	17	13.82	88.70	7.6	33.33	8.1	24.9	1.11
A7	07 Aug 2023	18	13.81	88.60	7.5	33.33	8.0	24.9	1.09
A7	14 Aug 2023	1	17.88	78.15	8.6	33.36	8.1	24.0	5.12
A7	14 Aug 2023	2	17.72	78.29	8.6	33.36	8.1	24.1	5.08
A7	14 Aug 2023	3	17.54	80.14	8.7	33.35	8.1	24.1	4.78
A7	14 Aug 2023	4	16.56	82.17	8.6	33.37	8.1	24.4	3.99

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
A7	14 Aug 2023	5	15.84	84.85	8.6	33.32	8.1	24.5	2.29
A7	14 Aug 2023	6	15.44	86.97	8.6	33.31	8.1	24.6	1.48
A7	14 Aug 2023	7	15.21	87.88	8.4	33.30	8.1	24.6	1.17
A7	14 Aug 2023	8	14.64	88.05	8.2	33.31	8.1	24.7	1.33
A7	14 Aug 2023	9	14.09	87.64	7.9	33.30	8.0	24.9	1.40
A7	14 Aug 2023	10	13.74	87.48	7.9	33.30	8.0	24.9	1.45
A7	14 Aug 2023	11	13.62	87.76	7.7	33.30	8.0	25.0	1.36
A7	14 Aug 2023	12	13.48	88.01	7.5	33.31	8.0	25.0	1.29
A7	14 Aug 2023	13	13.21	88.19	7.2	33.33	8.0	25.1	1.08
A7	14 Aug 2023	14	12.88	88.42	6.9	33.35	8.0	25.1	0.81
A7	14 Aug 2023	15	12.80	88.74	6.8	33.35	8.0	25.2	0.64
A7	14 Aug 2023	16	12.54	88.88	6.5	33.36	7.9	25.2	0.56
A7	14 Aug 2023	17	12.17	88.81	6.3	33.39	7.9	25.3	0.47
A7	14 Aug 2023	18	12.08	88.76	6.2	33.39	7.9	25.3	0.45
A7	14 Aug 2023	19	12.07	87.97	6.2	33.39	7.9	25.3	0.43
A7	14 Aug 2023	20	12.12	88.04	6.2	33.38	7.9	25.3	0.43
A7	23 Aug 2023	1	15.59	73.09	8.9	33.09	8.1	24.4	4.12
A7	23 Aug 2023	2	15.59	73.17	8.9	33.09	8.1	24.4	4.13
A7	23 Aug 2023	3	15.54	73.28	8.8	33.09	8.1	24.4	4.36
A7	23 Aug 2023	4	15.50	73.45	8.8	33.09	8.1	24.4	4.77
A7	23 Aug 2023	5	15.42	74.01	8.8	33.10	8.1	24.4	5.07
A7	23 Aug 2023	6	15.37	74.54	8.7	33.09	8.1	24.4	5.04
A7	23 Aug 2023	7	15.35	74.98	8.7	33.09	8.1	24.4	4.90
A7	23 Aug 2023	8	15.34	74.97	8.7	33.09	8.1	24.4	4.95
A7	23 Aug 2023	9	15.36	75.03	8.7	33.09	8.1	24.4	4.94
A7	23 Aug 2023	10	15.35	74.83	8.7	33.10	8.1	24.4	4.90
A7	23 Aug 2023	11	15.30	75.32	8.6	33.10	8.1	24.4	4.77
A7	23 Aug 2023	12	15.22	76.20	8.6	33.10	8.1	24.5	4.44
A7	23 Aug 2023	13	15.15	76.97	8.5	33.10	8.1	24.5	3.90
A7	23 Aug 2023	14	15.03	78.19	8.3	33.10	8.1	24.5	2.97
A7	23 Aug 2023	15	14.97	81.22	8.2	33.11	8.1	24.5	2.16
A7	23 Aug 2023	16	14.93	82.42	8.2	33.11	8.1	24.5	1.67
A7	23 Aug 2023	17	14.93	82.39	8.2	33.11	8.1	24.5	1.24
A7	23 Aug 2023	18	14.94	81.89	8.2	33.11	8.1	24.5	1.27
A7	28 Aug 2023	1	17.87	76.60	9.6	33.08	8.2	23.8	2.30
A7	28 Aug 2023	2	17.73	80.01	9.5	33.10	8.2	23.9	2.55
A7	28 Aug 2023	3	17.37	81.07	9.4	33.12	8.2	24.0	3.33
A7	28 Aug 2023	4	17.34	80.49	9.4	33.12	8.2	24.0	3.99
A7	28 Aug 2023	5	17.12	80.46	9.4	33.13	8.2	24.1	4.23
A7	28 Aug 2023	6	17.10	80.75	9.3	33.13	8.2	24.1	4.33
A7	28 Aug 2023	7	16.75	81.18	9.3	33.15	8.2	24.2	3.99
A7	28 Aug 2023	8	16.43	82.79	8.9	33.17	8.2	24.2	3.77
A7	28 Aug 2023	9	15.66	83.57	8.6	33.20	8.1	24.4	3.15
A7	28 Aug 2023	10	15.32	83.68	8.3	33.20	8.1	24.5	3.10
A7	28 Aug 2023	11	14.97	84.53	8.1	33.20	8.1	24.6	2.63
A7	28 Aug 2023	12	14.62	85.50	7.8	33.22	8.1	24.7	2.35
A7	28 Aug 2023	13	14.30	86.35	7.4	33.23	8.0	24.8	1.72
A7	28 Aug 2023	14	14.13	87.69	7.2	33.24	8.0	24.8	1.18
A7	28 Aug 2023	15	14.10	88.24	7.1	33.23	8.0	24.8	0.92
A7	28 Aug 2023	16	14.07	88.45	7.0	33.24	8.0	24.8	0.85
A7	28 Aug 2023	17	13.93	88.53	6.8	33.25	8.0	24.9	0.73
A7	28 Aug 2023	18	13.44	88.84	6.5	33.30	8.0	25.0	0.60
A7	28 Aug 2023	19	13.03	89.17	6.4	33.33	7.9	25.1	0.54
C4	04 Aug 2023	1	19.54	71.02	7.6	33.39	8.1	23.7	0.92
C4	04 Aug 2023	2	18.48	70.97	7.4	33.51	8.1	24.0	0.94
C4	04 Aug 2023	3	15.53	71.82	7.7	33.44	8.2	24.7	0.96
C4	04 Aug 2023	4	15.19	77.90	7.9	33.31	8.1	24.6	0.95
C4	04 Aug 2023	5	15.15	79.35	8.0	33.29	8.1	24.6	0.93

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
C4	04 Aug 2023	6	15.07	79.62	8.1	33.29	8.1	24.6	0.99
C4	04 Aug 2023	7	15.01	79.34	8.1	33.28	8.1	24.6	0.97
C4	04 Aug 2023	8	14.99	78.76	8.1	33.28	8.1	24.7	1.03
C4	04 Aug 2023	9	15.00	76.42	8.1	33.28	8.1	24.6	0.98
C4	04 Aug 2023	10	15.01	72.81	8.1	33.29	8.1	24.6	1.03
C4	04 Aug 2023	11	15.01	72.68	8.1	33.29	8.1	24.7	0.99
C4	07 Aug 2023	1	20.02	81.64	8.1	33.42	8.1	23.6	0.95
C4	07 Aug 2023	2	19.54	81.19	7.8	33.43	8.1	23.7	1.22
C4	07 Aug 2023	3	19.01	79.05	8.1	33.42	8.1	23.8	2.04
C4	07 Aug 2023	4	18.22	77.91	8.4	33.41	8.1	24.0	2.77
C4	07 Aug 2023	5	17.57	79.49	8.0	33.40	8.1	24.1	2.57
C4	07 Aug 2023	6	16.64	80.93	7.6	33.38	8.1	24.4	1.81
C4	07 Aug 2023	7	15.98	81.91	7.1	33.39	8.1	24.5	1.23
C4	07 Aug 2023	8	14.94	79.57	7.0	33.34	8.1	24.7	0.86
C4	07 Aug 2023	9	14.93	70.90	7.0	33.33	8.0	24.7	0.61
C4	14 Aug 2023	1	18.98	70.16	7.6	33.42	8.1	23.8	4.63
C4	14 Aug 2023	2	18.90	70.60	7.5	33.42	8.1	23.8	5.07
C4	14 Aug 2023	3	18.25	70.76	7.4	33.40	8.1	24.0	4.87
C4	14 Aug 2023	4	16.62	73.27	7.3	33.35	8.1	24.3	3.45
C4	14 Aug 2023	5	14.75	80.29	7.1	33.32	8.0	24.7	1.58
C4	14 Aug 2023	6	14.47	83.23	7.0	33.29	8.0	24.8	0.74
C4	14 Aug 2023	7	13.85	80.75	7.0	33.30	8.0	24.9	0.50
C4	14 Aug 2023	8	13.70	79.30	7.0	33.30	8.0	24.9	0.41
C4	14 Aug 2023	9	13.76	80.29	7.0	33.30	8.0	24.9	0.37
C4	14 Aug 2023	10	13.67	78.36	6.9	33.31	8.0	24.9	0.36
C4	14 Aug 2023	11	13.69	78.88	6.9	33.32	8.0	25.0	0.33
C4	23 Aug 2023	1	16.03	69.52	8.4	33.07	8.1	24.3	2.64
C4	23 Aug 2023	2	15.95	70.31	8.5	33.08	8.1	24.3	2.87
C4	23 Aug 2023	3	15.87	70.28	8.6	33.08	8.1	24.3	3.87
C4	23 Aug 2023	4	15.73	70.39	8.6	33.08	8.1	24.3	5.04
C4	23 Aug 2023	5	15.66	71.36	8.6	33.08	8.1	24.3	5.04
C4	23 Aug 2023	6	15.62	72.74	8.6	33.08	8.1	24.4	4.73
C4	23 Aug 2023	7	15.48	74.57	8.5	33.09	8.1	24.4	3.71
C4	23 Aug 2023	8	15.39	76.20	8.4	33.08	8.1	24.4	3.06
C4	23 Aug 2023	9	15.29	76.72	8.2	33.09	8.1	24.4	2.36
C4	23 Aug 2023	10	15.07	74.87	7.9	33.10	8.1	24.5	1.67
C4	28 Aug 2023	1	16.90	78.46	8.9	33.15	8.2	24.1	1.32
C4	28 Aug 2023	2	16.78	77.87	8.8	33.15	8.2	24.1	1.45
C4	28 Aug 2023	3	16.31	76.72	8.6	33.17	8.1	24.3	1.84
C4	28 Aug 2023	4	16.11	76.80	8.5	33.17	8.1	24.3	2.11
C4	28 Aug 2023	5	16.05	77.61	8.5	33.17	8.1	24.3	2.56
C4	28 Aug 2023	6	15.92	78.07	8.4	33.17	8.1	24.4	3.10
C4	28 Aug 2023	7	15.77	78.49	8.3	33.18	8.1	24.4	3.29
C4	28 Aug 2023	8	15.71	79.25	8.2	33.17	8.1	24.4	3.02
C4	28 Aug 2023	9	15.56	80.20	8.0	33.19	8.1	24.4	2.63
C4	28 Aug 2023	10	15.07	81.28	7.4	33.21	8.1	24.6	1.49
C4	28 Aug 2023	11	14.72	81.57	7.1	33.21	8.0	24.7	0.88
C5	04 Aug 2023	1	19.19	75.50	7.9	33.40	8.2	23.7	0.73
C5	04 Aug 2023	2	18.88	74.53	7.8	33.40	8.2	23.8	0.78
C5	04 Aug 2023	3	18.18	75.36	7.8	33.44	8.2	24.0	0.89
C5	04 Aug 2023	4	16.94	79.53	7.7	33.41	8.2	24.3	0.91
C5	04 Aug 2023	5	15.97	82.61	7.6	33.40	8.1	24.5	0.86
C5	04 Aug 2023	6	15.68	80.87	7.5	33.33	8.1	24.5	0.69
C5	04 Aug 2023	7	15.42	79.45	7.5	33.34	8.1	24.6	0.55
C5	04 Aug 2023	8	14.78	79.81	7.6	33.34	8.1	24.7	0.52
C5	04 Aug 2023	9	14.53	81.91	7.7	33.31	8.1	24.8	0.60

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C5	04 Aug 2023	10	14.43	80.99	7.7	33.30	8.1	24.8	0.61
C5	04 Aug 2023	11	14.44	80.00	7.8	33.29	8.1	24.8	0.63
C5	07 Aug 2023	1	20.41	81.55	8.4	33.43	8.2	23.5	1.36
C5	07 Aug 2023	2	20.33	81.41	8.5	33.43	8.2	23.5	1.55
C5	07 Aug 2023	3	19.73	80.94	8.7	33.44	8.2	23.6	4.54
C5	07 Aug 2023	4	18.37	68.36	8.4	33.45	8.2	24.0	8.25
C5	07 Aug 2023	5	17.68	70.26	8.2	33.40	8.2	24.1	5.79
C5	07 Aug 2023	6	17.17	77.64	8.2	33.38	8.1	24.2	3.77
C5	07 Aug 2023	7	17.05	82.87	8.1	33.36	8.1	24.2	2.60
C5	07 Aug 2023	8	16.86	83.11	7.9	33.37	8.1	24.3	2.03
C5	07 Aug 2023	9	16.12	83.46	7.4	33.38	8.1	24.5	1.56
C5	07 Aug 2023	10	14.76	83.48	7.3	33.39	8.1	24.8	0.96
C5	14 Aug 2023	1	18.40	81.45	7.3	33.21	8.1	23.8	2.15
C5	14 Aug 2023	2	16.62	79.14	8.1	33.34	8.1	24.3	3.76
C5	14 Aug 2023	3	16.16	80.39	8.1	33.32	8.1	24.4	2.19
C5	14 Aug 2023	4	15.65	85.64	8.0	33.32	8.1	24.5	1.21
C5	14 Aug 2023	5	15.30	88.07	8.1	33.31	8.1	24.6	0.73
C5	14 Aug 2023	6	14.85	88.77	7.8	33.31	8.1	24.7	0.68
C5	14 Aug 2023	7	14.63	88.87	7.7	33.31	8.0	24.7	0.58
C5	14 Aug 2023	8	14.45	88.81	7.6	33.31	8.0	24.8	0.54
C5	14 Aug 2023	9	14.18	88.82	7.4	33.31	8.0	24.8	0.47
C5	14 Aug 2023	10	14.07	88.38	7.3	33.31	8.0	24.9	0.40
C5	14 Aug 2023	11	14.06	86.56	7.2	33.31	8.0	24.9	0.36
C5	23 Aug 2023	1	15.46	73.12	9.2	33.08	8.2	24.4	2.29
C5	23 Aug 2023	2	15.43	72.69	9.2	33.08	8.2	24.4	2.33
C5	23 Aug 2023	3	15.40	71.49	9.2	33.08	8.2	24.4	2.94
C5	23 Aug 2023	4	15.39	71.19	9.2	33.08	8.2	24.4	3.61
C5	23 Aug 2023	5	15.35	71.24	9.2	33.08	8.2	24.4	4.40
C5	23 Aug 2023	6	15.32	71.86	9.1	33.08	8.1	24.4	5.04
C5	23 Aug 2023	7	15.27	73.50	8.9	33.08	8.1	24.4	4.96
C5	23 Aug 2023	8	15.19	74.62	8.7	33.08	8.1	24.5	4.45
C5	23 Aug 2023	9	15.16	76.65	8.6	33.09	8.1	24.5	3.83
C5	23 Aug 2023	10	15.14	78.00	8.5	33.09	8.1	24.5	3.13
C5	23 Aug 2023	11	15.11	79.90	8.3	33.09	8.1	24.5	2.54
C5	28 Aug 2023	1	16.94	80.49	9.3	33.12	8.2	24.1	1.13
C5	28 Aug 2023	2	16.87	80.48	9.3	33.12	8.2	24.1	1.10
C5	28 Aug 2023	3	16.77	80.37	9.2	33.12	8.2	24.1	1.49
C5	28 Aug 2023	4	16.70	78.62	9.2	33.12	8.2	24.1	2.64
C5	28 Aug 2023	5	16.64	77.48	9.0	33.12	8.2	24.2	3.32
C5	28 Aug 2023	6	16.58	77.68	8.8	33.13	8.2	24.2	3.37
C5	28 Aug 2023	7	16.45	78.56	8.6	33.13	8.1	24.2	2.54
C5	28 Aug 2023	8	16.25	80.79	8.3	33.14	8.1	24.3	1.64
C5	28 Aug 2023	9	16.09	82.43	8.0	33.15	8.1	24.3	1.09
C5	28 Aug 2023	10	15.39	83.08	7.4	33.18	8.1	24.5	0.68
C5	28 Aug 2023	11	14.74	83.58	7.2	33.21	8.0	24.7	0.53
C6	04 Aug 2023	1	19.78	70.23	8.0	33.38	8.2	23.6	1.31
C6	04 Aug 2023	2	19.43	70.60	7.8	33.42	8.2	23.7	1.38
C6	04 Aug 2023	3	18.11	71.31	7.5	33.45	8.2	24.1	1.46
C6	04 Aug 2023	4	16.18	75.38	7.5	33.43	8.1	24.5	1.25
C6	04 Aug 2023	5	15.52	79.85	7.4	33.34	8.1	24.6	0.98
C6	04 Aug 2023	6	15.39	81.16	7.5	33.31	8.1	24.6	0.68
C6	04 Aug 2023	7	15.05	81.47	7.6	33.32	8.1	24.7	0.57
C6	04 Aug 2023	8	14.88	82.12	7.6	33.30	8.1	24.7	0.56
C6	04 Aug 2023	9	14.79	80.87	7.6	33.29	8.1	24.7	0.59
C6	04 Aug 2023	10	14.92	78.79	7.6	33.28	8.1	24.7	0.52

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C6	07 Aug 2023	1	20.51	81.78	8.3	33.44	8.2	23.4	0.89
C6	07 Aug 2023	2	20.22	83.15	8.4	33.44	8.2	23.5	1.23
C6	07 Aug 2023	3	19.94	82.76	8.3	33.43	8.2	23.6	2.23
C6	07 Aug 2023	4	19.25	80.35	8.0	33.44	8.2	23.8	3.63
C6	07 Aug 2023	5	18.73	76.52	7.8	33.41	8.1	23.9	4.86
C6	07 Aug 2023	6	18.52	74.82	7.8	33.40	8.1	23.9	4.29
C6	07 Aug 2023	7	18.06	76.69	8.0	33.40	8.1	24.0	3.23
C6	07 Aug 2023	8	17.52	79.88	7.6	33.40	8.1	24.2	2.28
C6	07 Aug 2023	9	15.76	81.56	7.3	33.48	8.1	24.6	1.80
C6	14 Aug 2023	1	18.24	71.75	8.3	33.37	8.1	24.0	9.36
C6	14 Aug 2023	2	16.82	74.49	8.4	33.34	8.1	24.3	7.01
C6	14 Aug 2023	3	16.18	81.23	8.3	33.32	8.1	24.4	2.81
C6	14 Aug 2023	4	15.74	86.14	7.8	33.31	8.1	24.5	1.63
C6	14 Aug 2023	5	15.26	86.17	7.7	33.31	8.1	24.6	1.28
C6	14 Aug 2023	6	15.15	87.16	7.6	33.30	8.0	24.6	0.92
C6	14 Aug 2023	7	14.97	87.75	7.5	33.30	8.0	24.7	0.73
C6	14 Aug 2023	8	14.70	87.60	7.3	33.31	8.0	24.7	0.52
C6	14 Aug 2023	9	14.55	85.33	6.9	33.31	8.0	24.8	0.38
C6	23 Aug 2023	1	16.33	68.56	8.7	33.07	8.1	24.2	0.76
C6	23 Aug 2023	2	15.92	69.85	8.6	33.13	8.1	24.3	0.85
C6	23 Aug 2023	3	15.48	70.81	8.5	33.14	8.1	24.4	1.12
C6	23 Aug 2023	4	15.27	76.29	8.7	33.14	8.1	24.5	1.44
C6	23 Aug 2023	5	15.18	78.27	8.8	33.14	8.1	24.5	1.70
C6	23 Aug 2023	6	15.04	79.40	8.6	33.14	8.1	24.5	1.72
C6	23 Aug 2023	7	14.94	81.39	8.4	33.15	8.1	24.6	1.56
C6	23 Aug 2023	8	14.86	81.90	8.0	33.16	8.1	24.6	1.28
C6	23 Aug 2023	9	14.78	84.53	7.7	33.17	8.1	24.6	0.80
C6	28 Aug 2023	1	17.72	80.22	9.8	33.10	8.2	23.9	1.53
C6	28 Aug 2023	2	17.71	79.21	9.9	33.10	8.2	23.9	1.73
C6	28 Aug 2023	3	17.68	77.85	9.9	33.10	8.2	23.9	2.07
C6	28 Aug 2023	4	17.53	77.87	10.0	33.11	8.2	23.9	3.05
C6	28 Aug 2023	5	17.44	76.56	9.8	33.11	8.2	24.0	3.67
C6	28 Aug 2023	6	16.90	76.89	8.9	33.13	8.2	24.1	3.33
C6	28 Aug 2023	7	15.98	78.43	8.1	33.17	8.1	24.3	1.92
C6	28 Aug 2023	8	15.44	80.79	7.6	33.18	8.1	24.5	0.81
C6	28 Aug 2023	9	14.89	82.79	7.1	33.20	8.0	24.6	0.47
C7	04 Aug 2023	1	19.87	87.09	8.2	33.44	8.2	23.6	0.58
C7	04 Aug 2023	2	19.50	87.12	8.1	33.43	8.2	23.7	0.58
C7	04 Aug 2023	3	18.75	86.13	8.2	33.42	8.2	23.9	0.72
C7	04 Aug 2023	4	18.58	83.69	8.2	33.40	8.2	23.9	0.93
C7	04 Aug 2023	5	18.11	83.47	8.3	33.38	8.2	24.0	1.08
C7	04 Aug 2023	6	17.84	84.20	8.2	33.38	8.2	24.1	1.20
C7	04 Aug 2023	7	16.26	83.13	8.1	33.41	8.2	24.5	1.68
C7	04 Aug 2023	8	16.15	84.02	8.1	33.32	8.2	24.4	2.36
C7	04 Aug 2023	9	14.92	85.89	8.0	33.35	8.2	24.7	2.24
C7	04 Aug 2023	10	14.70	87.86	8.0	33.31	8.1	24.7	1.65
C7	04 Aug 2023	11	13.92	88.32	7.9	33.32	8.1	24.9	1.03
C7	04 Aug 2023	12	13.54	90.07	8.1	33.25	8.1	24.9	0.76
C7	04 Aug 2023	13	13.41	90.77	8.1	33.23	8.1	24.9	0.65
C7	04 Aug 2023	14	13.36	90.72	8.1	33.23	8.1	24.9	0.61
C7	04 Aug 2023	15	13.36	90.96	8.0	33.23	8.1	25.0	0.61
C7	04 Aug 2023	16	13.36	90.62	8.0	33.24	8.1	25.0	0.58
C7	04 Aug 2023	17	13.38	90.32	7.9	33.25	8.1	25.0	0.54
C7	07 Aug 2023	1	21.29	86.02	7.9	33.45	8.2	23.2	0.96
C7	07 Aug 2023	2	21.31	85.88	7.8	33.45	8.2	23.2	0.99
C7	07 Aug 2023	3	20.71	85.96	7.8	33.49	8.2	23.4	1.00

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C7	07 Aug 2023	4	19.44	85.59	8.4	33.45	8.2	23.7	1.30
C7	07 Aug 2023	5	18.60	84.64	8.6	33.41	8.2	23.9	1.51
C7	07 Aug 2023	6	17.88	84.29	8.8	33.38	8.2	24.1	1.58
C7	07 Aug 2023	7	17.62	84.51	8.8	33.36	8.2	24.1	1.70
C7	07 Aug 2023	8	17.25	84.62	8.7	33.36	8.2	24.2	1.80
C7	07 Aug 2023	9	16.79	84.62	8.6	33.36	8.2	24.3	1.88
C7	07 Aug 2023	10	16.35	84.57	8.6	33.34	8.2	24.4	1.87
C7	07 Aug 2023	11	16.32	84.44	8.6	33.33	8.1	24.4	1.91
C7	07 Aug 2023	12	16.30	84.61	8.6	33.33	8.1	24.4	2.04
C7	07 Aug 2023	13	16.24	84.66	8.5	33.33	8.1	24.4	1.94
C7	07 Aug 2023	14	16.19	84.49	8.5	33.33	8.1	24.4	2.01
C7	07 Aug 2023	15	15.89	84.68	8.2	33.35	8.1	24.5	1.93
C7	07 Aug 2023	16	14.56	85.52	7.8	33.38	8.1	24.8	1.61
C7	07 Aug 2023	17	14.28	86.48	7.7	33.33	8.1	24.8	1.11
C7	14 Aug 2023	1	19.09	84.98	8.2	33.41	8.2	23.8	1.11
C7	14 Aug 2023	2	19.07	85.39	8.2	33.41	8.2	23.8	1.09
C7	14 Aug 2023	3	18.53	85.06	8.1	33.40	8.1	23.9	2.17
C7	14 Aug 2023	4	17.27	81.89	8.5	33.36	8.1	24.2	2.91
C7	14 Aug 2023	5	16.90	82.15	8.6	33.34	8.1	24.3	2.26
C7	14 Aug 2023	6	16.38	84.60	8.7	33.32	8.1	24.4	1.62
C7	14 Aug 2023	7	15.85	85.90	8.6	33.30	8.1	24.5	1.32
C7	14 Aug 2023	8	15.35	87.40	8.5	33.30	8.1	24.6	1.26
C7	14 Aug 2023	9	14.91	87.70	8.4	33.29	8.1	24.7	1.29
C7	14 Aug 2023	10	14.49	87.47	8.3	33.28	8.1	24.8	1.39
C7	14 Aug 2023	11	14.24	87.64	8.2	33.28	8.1	24.8	1.44
C7	14 Aug 2023	12	14.21	87.65	8.2	33.29	8.1	24.8	1.47
C7	14 Aug 2023	13	14.12	87.44	8.1	33.28	8.1	24.8	1.47
C7	14 Aug 2023	14	13.98	86.33	8.0	33.30	8.1	24.9	1.56
C7	14 Aug 2023	15	13.98	87.17	7.8	33.30	8.0	24.9	1.76
C7	14 Aug 2023	16	13.73	86.88	7.4	33.31	8.0	24.9	1.40
C7	14 Aug 2023	17	13.56	86.92	7.1	33.32	8.0	25.0	0.88
C7	14 Aug 2023	18	13.62	87.35	7.2	33.32	8.0	25.0	0.61
C7	23 Aug 2023	1	15.99	69.69	9.8	33.01	8.2	24.2	5.14
C7	23 Aug 2023	2	15.81	69.73	9.5	33.03	8.2	24.3	6.06
C7	23 Aug 2023	3	15.66	69.79	9.2	33.05	8.2	24.3	7.87
C7	23 Aug 2023	4	15.58	70.13	8.9	33.06	8.1	24.3	8.16
C7	23 Aug 2023	5	15.45	71.84	8.7	33.08	8.1	24.4	7.14
C7	23 Aug 2023	6	15.41	74.05	8.7	33.08	8.1	24.4	6.39
C7	23 Aug 2023	7	15.30	74.67	8.7	33.09	8.1	24.4	5.93
C7	23 Aug 2023	8	15.25	75.39	8.7	33.09	8.1	24.4	5.56
C7	23 Aug 2023	9	15.18	76.42	8.6	33.11	8.1	24.5	5.36
C7	23 Aug 2023	10	15.14	77.36	8.6	33.12	8.1	24.5	4.87
C7	23 Aug 2023	11	15.14	78.51	8.6	33.12	8.1	24.5	4.54
C7	23 Aug 2023	12	15.10	79.70	8.5	33.13	8.1	24.5	4.10
C7	23 Aug 2023	13	15.06	80.78	8.4	33.14	8.1	24.5	3.45
C7	23 Aug 2023	14	14.96	82.57	8.1	33.15	8.1	24.6	2.79
C7	23 Aug 2023	15	14.70	84.95	7.6	33.17	8.1	24.6	2.17
C7	23 Aug 2023	16	14.60	86.16	7.4	33.17	8.0	24.6	1.62
C7	23 Aug 2023	17	14.42	87.13	7.3	33.20	8.0	24.7	1.28
C7	23 Aug 2023	18	14.30	87.66	7.2	33.19	8.0	24.7	0.90
C7	28 Aug 2023	1	17.71	80.75	9.8	33.10	8.2	23.9	1.42
C7	28 Aug 2023	2	17.17	81.17	9.7	33.18	8.2	24.1	1.45
C7	28 Aug 2023	3	16.57	82.42	9.5	33.17	8.2	24.2	1.27
C7	28 Aug 2023	4	16.22	84.68	9.3	33.19	8.2	24.3	1.18
C7	28 Aug 2023	5	16.21	85.47	9.2	33.17	8.2	24.3	1.20
C7	28 Aug 2023	6	15.86	85.70	9.0	33.20	8.2	24.4	1.24
C7	28 Aug 2023	7	15.35	85.68	8.9	33.20	8.1	24.5	1.33
C7	28 Aug 2023	8	15.22	85.95	8.8	33.19	8.1	24.5	1.35

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C7	28 Aug 2023	9	14.92	86.10	8.6	33.20	8.1	24.6	1.39
C7	28 Aug 2023	10	14.65	86.33	8.3	33.21	8.1	24.7	1.44
C7	28 Aug 2023	11	14.45	86.57	8.1	33.22	8.1	24.7	1.52
C7	28 Aug 2023	12	14.23	86.40	7.9	33.23	8.1	24.8	1.65
C7	28 Aug 2023	13	14.03	86.05	7.6	33.24	8.0	24.8	1.89
C7	28 Aug 2023	14	13.84	87.53	7.2	33.26	8.0	24.9	1.44
C7	28 Aug 2023	15	13.58	89.38	6.8	33.28	8.0	24.9	0.98
C7	28 Aug 2023	16	13.31	89.65	6.7	33.30	8.0	25.0	0.71
C7	28 Aug 2023	17	13.07	90.19	6.6	33.32	7.9	25.1	0.51
C7	28 Aug 2023	18	12.99	90.87	6.5	33.32	7.9	25.1	0.44
C8	04 Aug 2023	1	21.23	66.08	8.3	33.45	8.2	23.3	0.65
C8	04 Aug 2023	2	21.21	81.84	8.3	33.45	8.2	23.3	0.63
C8	04 Aug 2023	3	20.82	85.04	8.2	33.48	8.2	23.4	0.67
C8	04 Aug 2023	4	19.87	85.26	8.1	33.48	8.2	23.6	0.79
C8	04 Aug 2023	5	18.93	83.39	8.2	33.41	8.2	23.8	1.05
C8	04 Aug 2023	6	18.93	80.79	8.1	33.39	8.2	23.8	1.53
C8	04 Aug 2023	7	18.58	80.05	8.0	33.41	8.2	23.9	1.86
C8	04 Aug 2023	8	17.46	79.89	8.0	33.44	8.2	24.2	2.44
C8	04 Aug 2023	9	17.33	82.45	8.1	33.31	8.2	24.1	2.70
C8	04 Aug 2023	10	16.81	84.34	8.0	33.41	8.2	24.3	2.55
C8	04 Aug 2023	11	15.67	84.65	8.2	33.34	8.2	24.5	2.44
C8	04 Aug 2023	12	15.96	84.49	8.1	33.30	8.2	24.5	2.24
C8	04 Aug 2023	13	15.06	85.26	8.1	33.33	8.1	24.7	2.06
C8	04 Aug 2023	14	15.06	87.01	8.0	33.31	8.1	24.7	1.65
C8	04 Aug 2023	15	14.64	87.69	7.9	33.32	8.1	24.8	1.34
C8	04 Aug 2023	16	14.38	87.86	7.8	33.31	8.1	24.8	1.07
C8	04 Aug 2023	17	14.23	87.52	7.7	33.30	8.1	24.8	0.79
C8	04 Aug 2023	18	14.30	86.35	7.7	33.30	8.1	24.8	0.57
C8	04 Aug 2023	19	14.22	85.40	7.6	33.30	8.1	24.8	0.52
C8	07 Aug 2023	1	21.15	85.24	7.9	33.47	8.2	23.3	0.91
C8	07 Aug 2023	2	20.97	85.30	7.9	33.46	8.2	23.3	1.00
C8	07 Aug 2023	3	20.61	85.98	8.0	33.47	8.2	23.4	1.14
C8	07 Aug 2023	4	20.21	85.95	8.0	33.44	8.2	23.5	1.25
C8	07 Aug 2023	5	19.82	85.52	8.1	33.44	8.2	23.6	1.38
C8	07 Aug 2023	6	19.27	85.46	8.3	33.42	8.2	23.8	1.43
C8	07 Aug 2023	7	18.78	85.45	8.4	33.40	8.2	23.9	1.47
C8	07 Aug 2023	8	18.39	85.40	8.4	33.39	8.2	23.9	1.69
C8	07 Aug 2023	9	17.81	85.52	8.5	33.37	8.2	24.1	1.73
C8	07 Aug 2023	10	17.11	85.64	8.6	33.38	8.2	24.2	1.74
C8	07 Aug 2023	11	16.50	85.83	8.7	33.35	8.2	24.4	1.86
C8	07 Aug 2023	12	16.31	85.72	8.6	33.33	8.2	24.4	2.04
C8	07 Aug 2023	13	16.05	85.20	8.5	33.33	8.1	24.5	2.15
C8	07 Aug 2023	14	15.80	84.69	8.3	33.33	8.1	24.5	2.38
C8	07 Aug 2023	15	15.32	84.08	8.1	33.34	8.1	24.6	2.58
C8	07 Aug 2023	16	14.76	83.93	7.8	33.35	8.1	24.8	2.21
C8	07 Aug 2023	17	13.83	85.15	7.5	33.36	8.1	25.0	1.58
C8	07 Aug 2023	18	13.22	86.74	7.3	33.34	8.1	25.1	0.96
C8	14 Aug 2023	1	19.99	81.11	8.4	33.42	8.2	23.4	1.38
C8	14 Aug 2023	2	19.93	83.11	8.5	33.43	8.2	23.6	1.51
C8	14 Aug 2023	3	19.56	83.04	8.6	33.42	8.2	23.7	2.08
C8	14 Aug 2023	4	18.12	83.16	8.7	33.39	8.2	24.0	2.16
C8	14 Aug 2023	5	17.15	85.26	8.8	33.35	8.2	24.2	1.98
C8	14 Aug 2023	6	16.40	85.63	8.6	33.31	8.2	24.4	1.57
C8	14 Aug 2023	7	15.41	87.46	8.6	33.30	8.1	24.6	1.26
C8	14 Aug 2023	8	15.08	88.25	8.6	33.28	8.1	24.6	1.10
C8	14 Aug 2023	9	14.85	88.55	8.6	33.28	8.1	24.7	1.18
C8	14 Aug 2023	10	14.62	88.83	8.5	33.28	8.1	24.7	1.16
C8	14 Aug 2023	11	14.18	88.82	8.2	33.29	8.1	24.8	1.36

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C8	14 Aug 2023	12	13.92	88.56	8.0	33.29	8.1	24.9	1.33
C8	14 Aug 2023	13	13.77	88.65	7.9	33.29	8.1	24.9	1.23
C8	14 Aug 2023	14	13.66	88.70	7.8	33.30	8.1	24.9	1.16
C8	14 Aug 2023	15	13.58	88.79	7.7	33.30	8.0	25.0	0.98
C8	14 Aug 2023	16	13.50	88.80	7.5	33.31	8.0	25.0	0.83
C8	14 Aug 2023	17	13.45	88.63	7.4	33.31	8.0	25.0	0.68
C8	14 Aug 2023	18	13.36	88.09	7.3	33.32	8.0	25.0	0.60
C8	14 Aug 2023	19	13.28	87.28	7.2	33.32	8.0	25.0	0.56
C8	14 Aug 2023	20	13.28	85.44	7.2	33.32	8.0	25.0	0.51
C8	23 Aug 2023	1	15.42	75.21	9.1	33.08	8.1	24.4	2.18
C8	23 Aug 2023	2	15.41	76.81	9.1	33.08	8.1	24.4	2.21
C8	23 Aug 2023	3	15.41	76.88	9.1	33.08	8.1	24.4	2.18
C8	23 Aug 2023	4	15.39	77.06	9.1	33.08	8.1	24.4	2.42
C8	23 Aug 2023	5	15.37	76.99	9.1	33.08	8.1	24.4	2.84
C8	23 Aug 2023	6	15.34	76.92	9.0	33.08	8.1	24.4	3.40
C8	23 Aug 2023	7	15.32	76.81	9.0	33.08	8.1	24.4	3.82
C8	23 Aug 2023	8	15.31	76.86	9.0	33.08	8.1	24.4	4.21
C8	23 Aug 2023	9	15.30	76.91	9.0	33.09	8.1	24.4	4.40
C8	23 Aug 2023	10	15.29	76.87	9.0	33.09	8.1	24.4	4.44
C8	23 Aug 2023	11	15.26	76.97	9.0	33.09	8.1	24.4	4.45
C8	23 Aug 2023	12	15.24	77.15	8.9	33.09	8.1	24.4	4.51
C8	23 Aug 2023	13	15.16	78.02	8.8	33.10	8.1	24.5	4.47
C8	23 Aug 2023	14	15.00	78.84	8.7	33.12	8.1	24.5	4.21
C8	23 Aug 2023	15	14.98	78.76	8.6	33.12	8.1	24.5	4.18
C8	23 Aug 2023	16	14.98	79.32	8.6	33.12	8.1	24.5	4.07
C8	23 Aug 2023	17	14.78	79.21	8.3	33.15	8.1	24.6	3.95
C8	23 Aug 2023	18	14.41	81.67	8.0	33.17	8.1	24.7	3.34
C8	23 Aug 2023	19	14.40	83.88	7.9	33.17	8.1	24.7	2.73
C8	28 Aug 2023	1	17.69	79.29	9.1	33.09	8.2	23.9	1.68
C8	28 Aug 2023	2	17.60	78.99	9.1	33.13	8.2	23.9	2.13
C8	28 Aug 2023	3	17.43	78.10	9.2	33.15	8.2	24.0	2.70
C8	28 Aug 2023	4	17.18	80.04	9.2	33.12	8.2	24.0	2.73
C8	28 Aug 2023	5	17.02	81.52	9.1	33.10	8.2	24.1	2.48
C8	28 Aug 2023	6	16.52	82.05	9.3	33.13	8.2	24.2	2.06
C8	28 Aug 2023	7	16.31	83.62	9.3	33.14	8.2	24.2	1.80
C8	28 Aug 2023	8	15.84	84.81	9.2	33.16	8.2	24.4	1.58
C8	28 Aug 2023	9	15.52	85.26	9.0	33.18	8.2	24.5	1.53
C8	28 Aug 2023	10	14.94	85.67	8.6	33.20	8.1	24.6	1.66
C8	28 Aug 2023	11	14.55	85.98	8.2	33.22	8.1	24.7	1.83
C8	28 Aug 2023	12	14.22	86.08	7.9	33.23	8.1	24.8	2.28
C8	28 Aug 2023	13	13.92	84.76	7.5	33.25	8.0	24.9	3.42
C8	28 Aug 2023	14	13.66	83.80	7.1	33.27	8.0	24.9	3.22
C8	28 Aug 2023	15	13.32	87.44	6.9	33.30	8.0	25.0	2.08
C8	28 Aug 2023	16	12.96	89.11	6.7	33.33	8.0	25.1	1.14
C8	28 Aug 2023	17	12.96	90.03	6.6	33.32	7.9	25.1	0.74
C8	28 Aug 2023	18	12.82	90.18	6.4	33.33	7.9	25.1	0.64
C8	28 Aug 2023	19	12.82	90.11	6.4	33.33	7.9	25.1	0.54

NA = not available

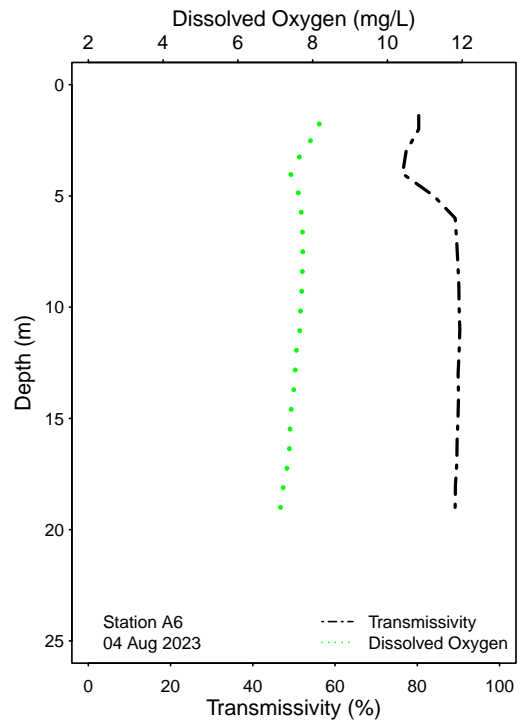
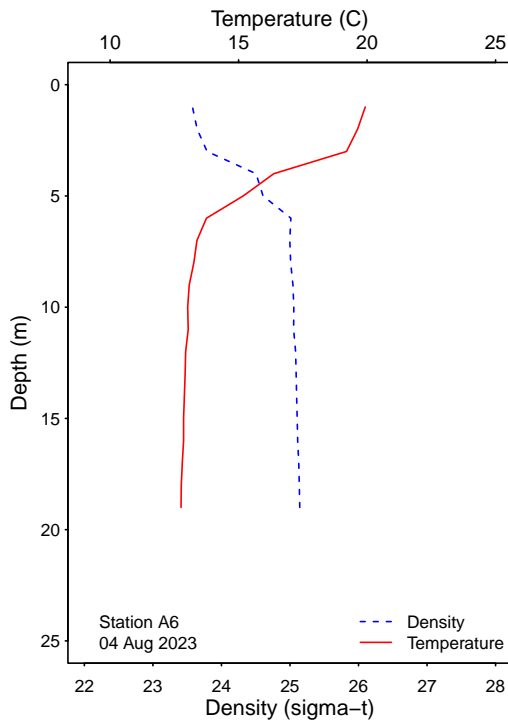
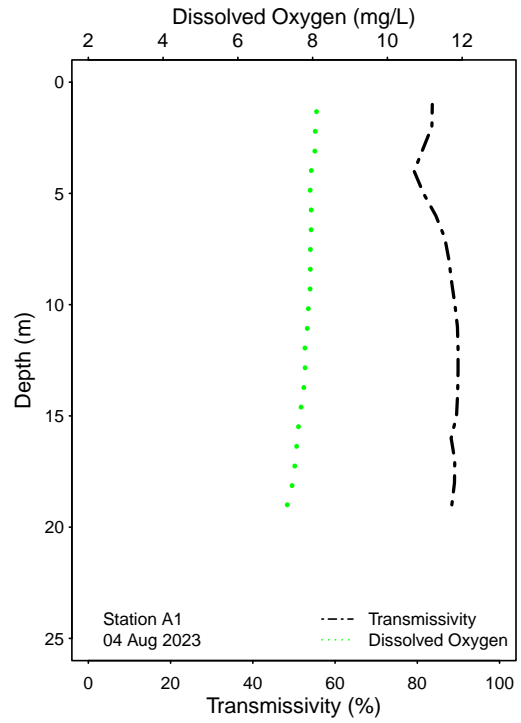
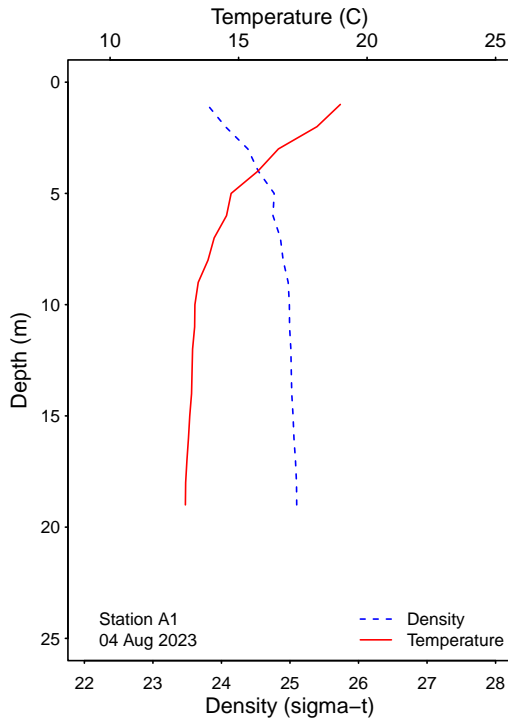


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

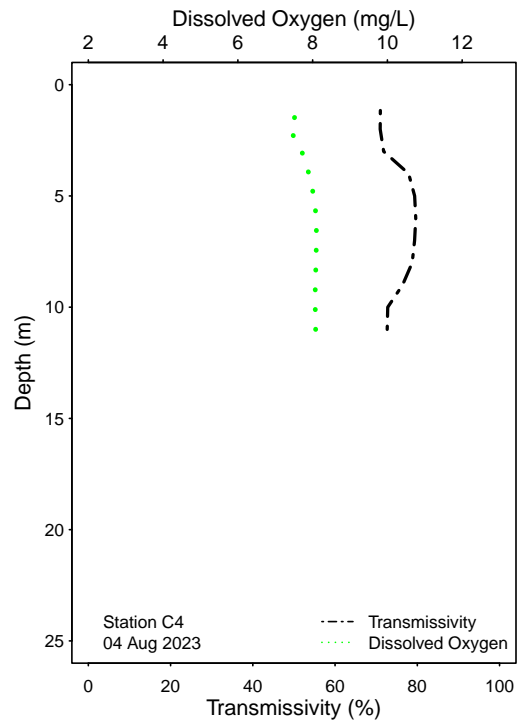
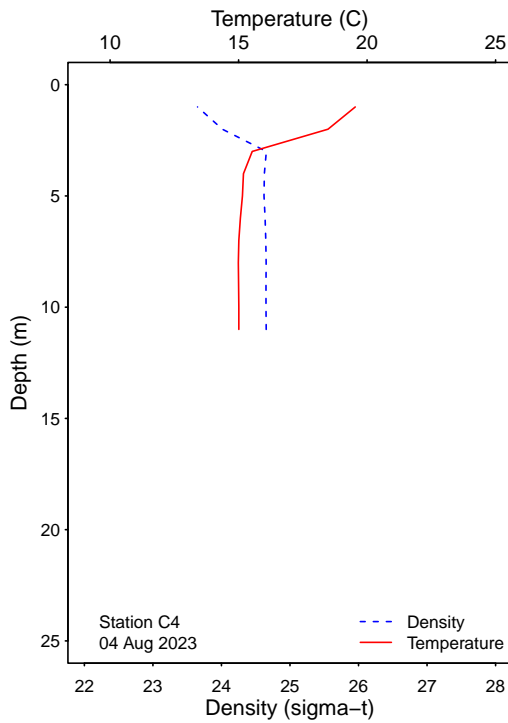
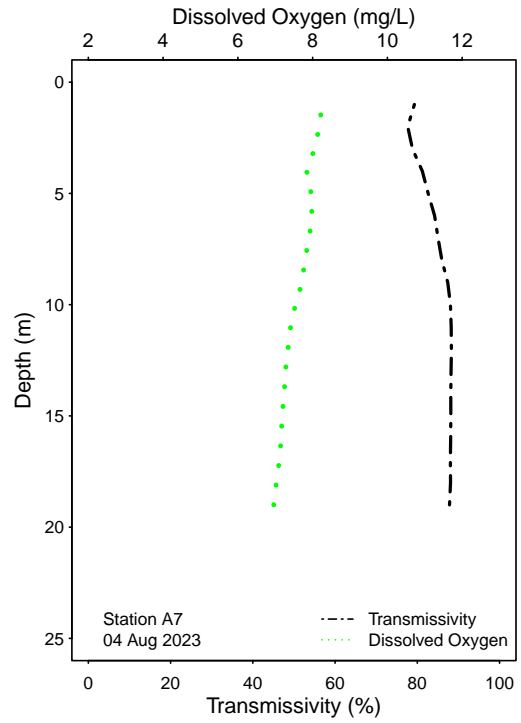
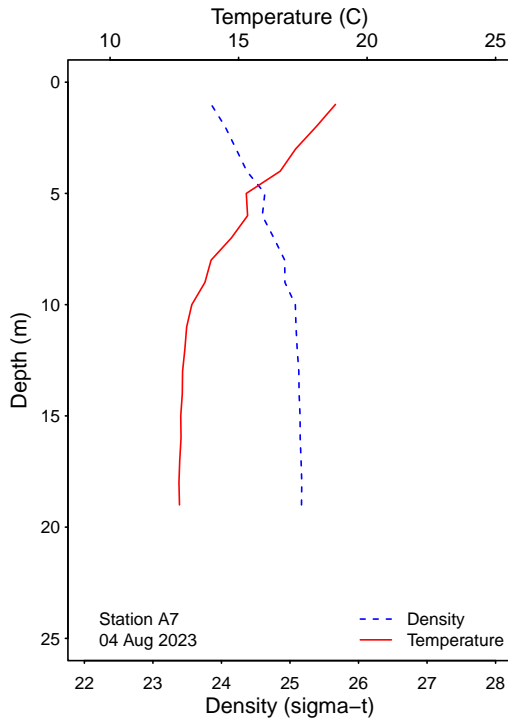


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

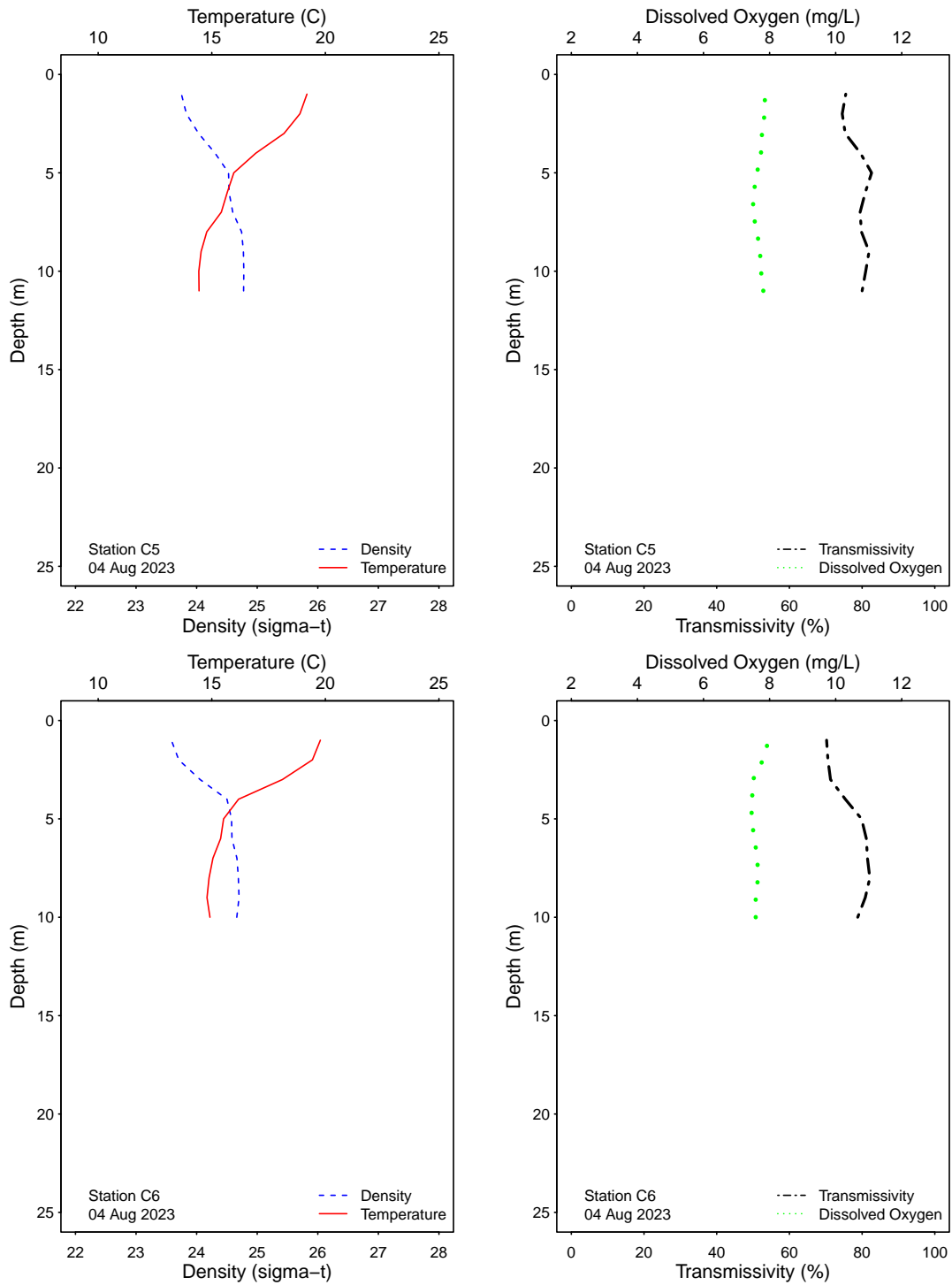


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

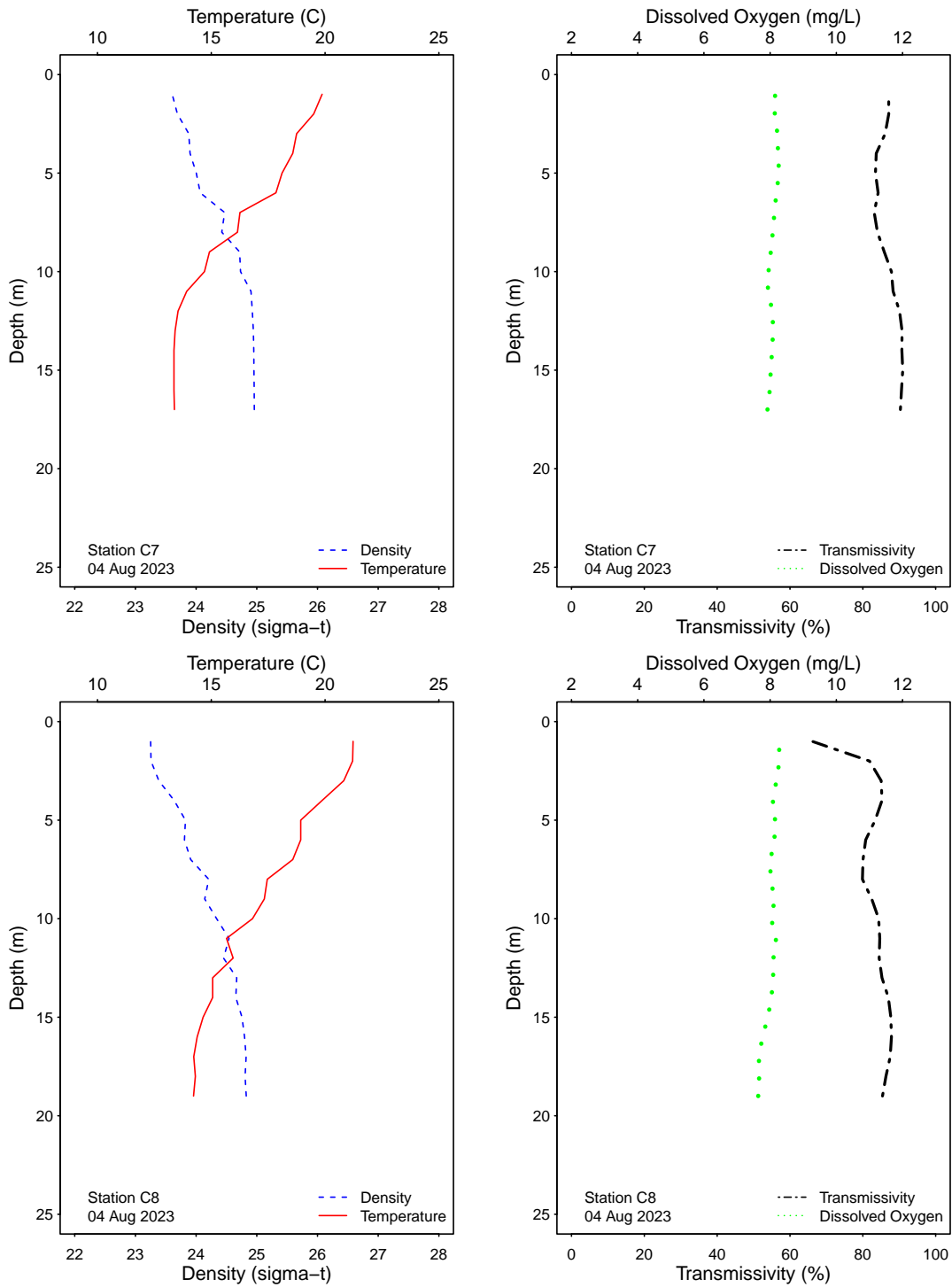


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

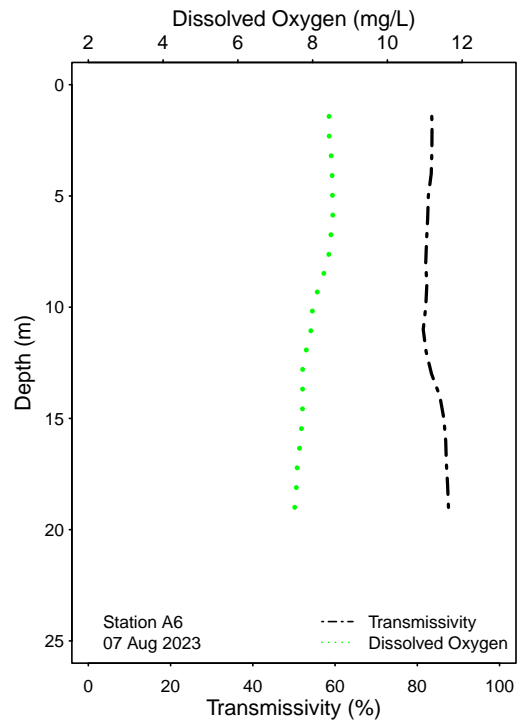
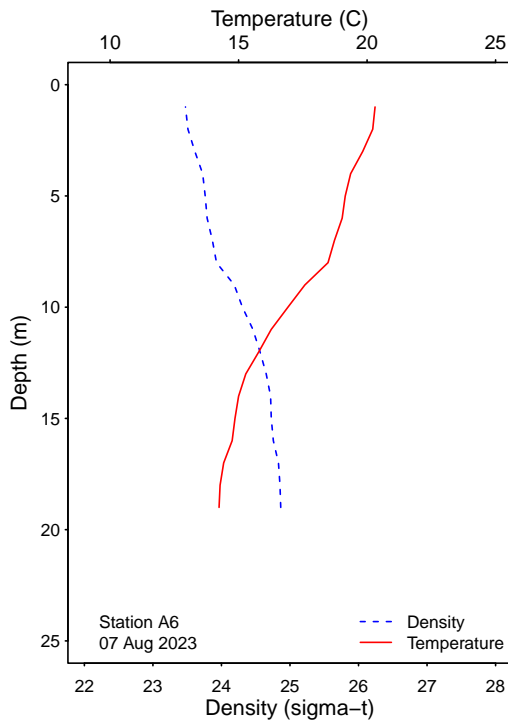
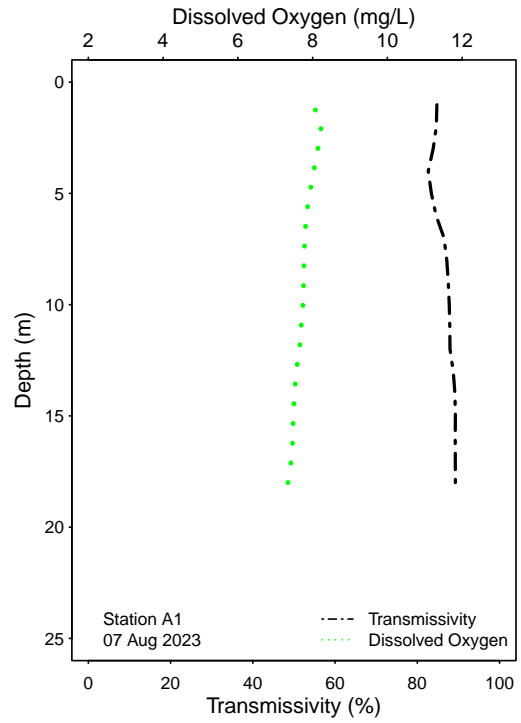
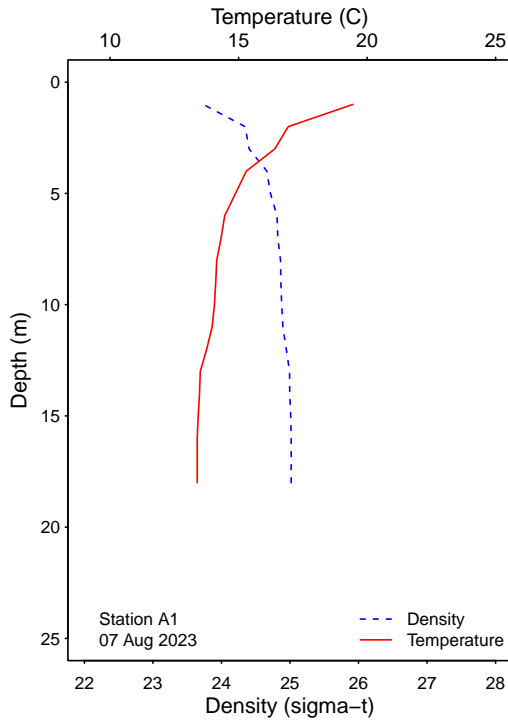


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

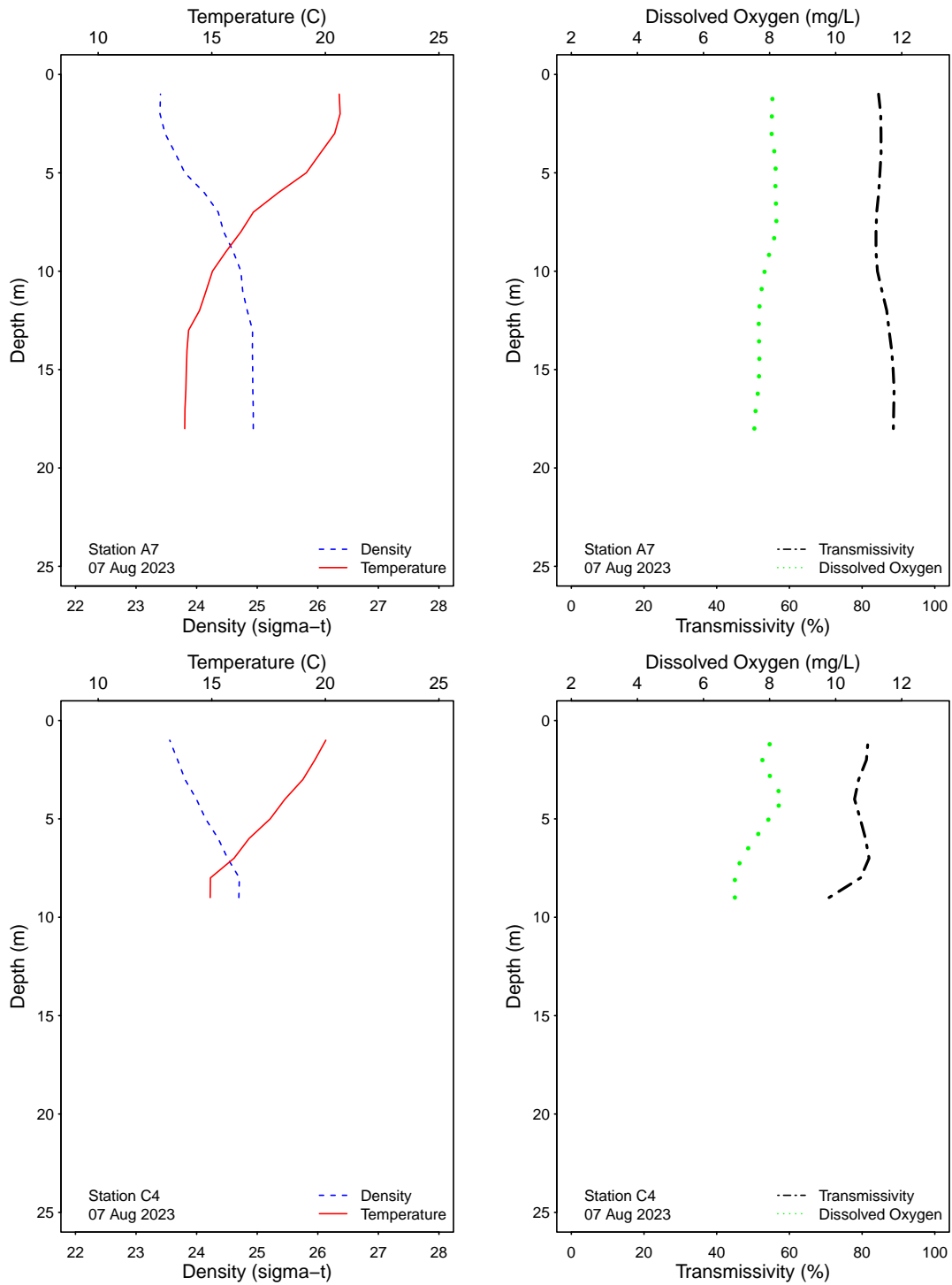


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

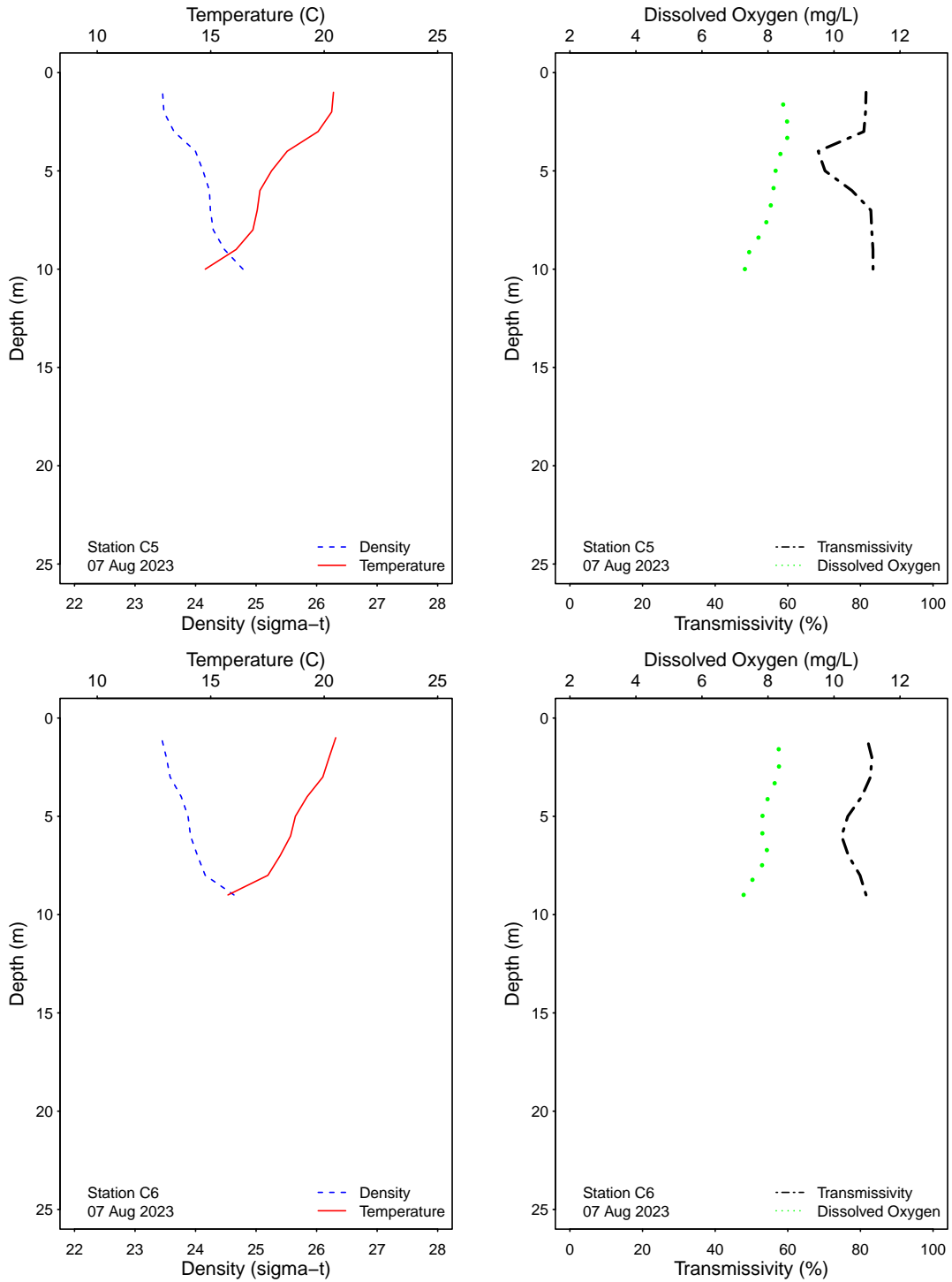


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

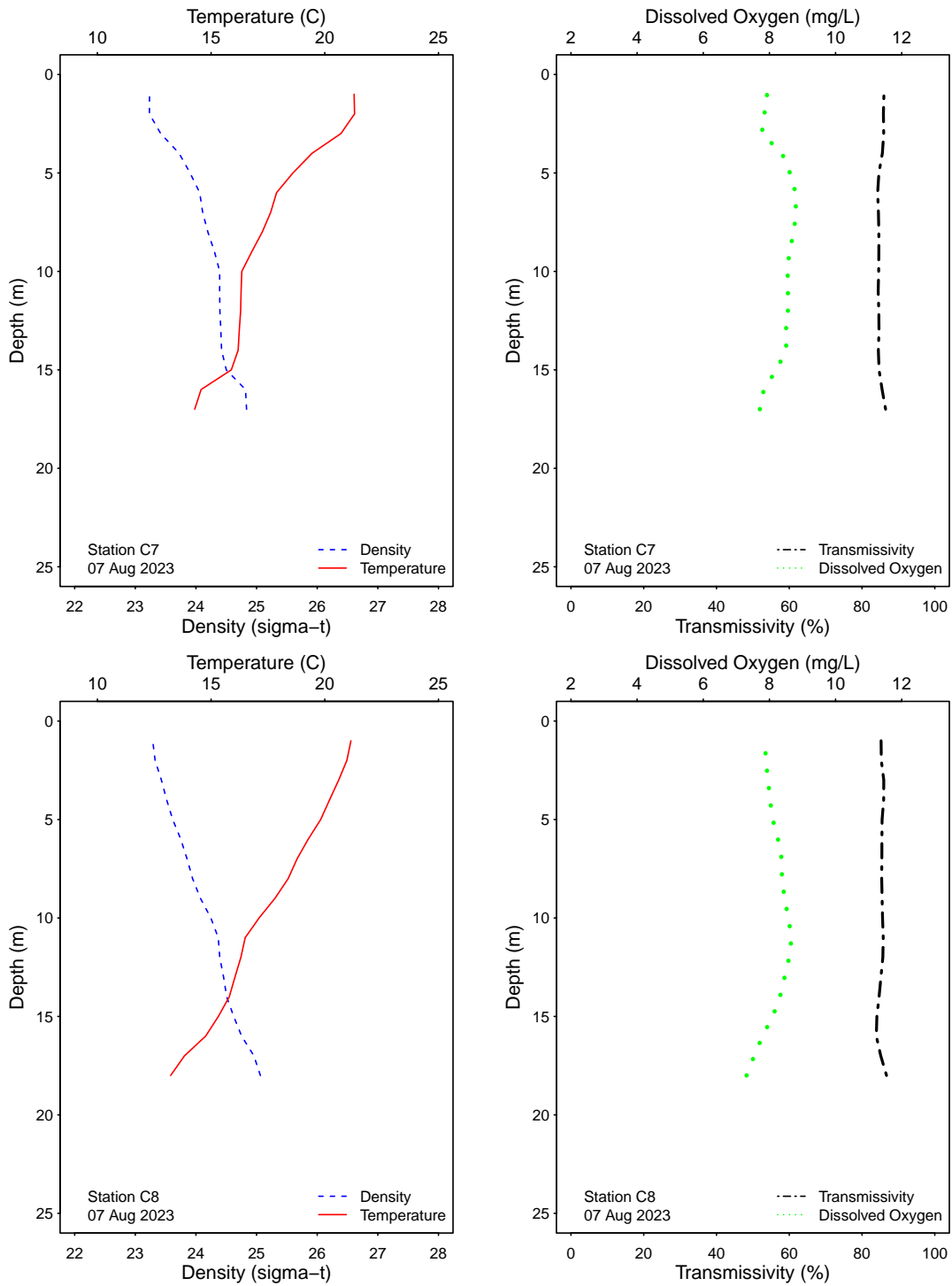


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

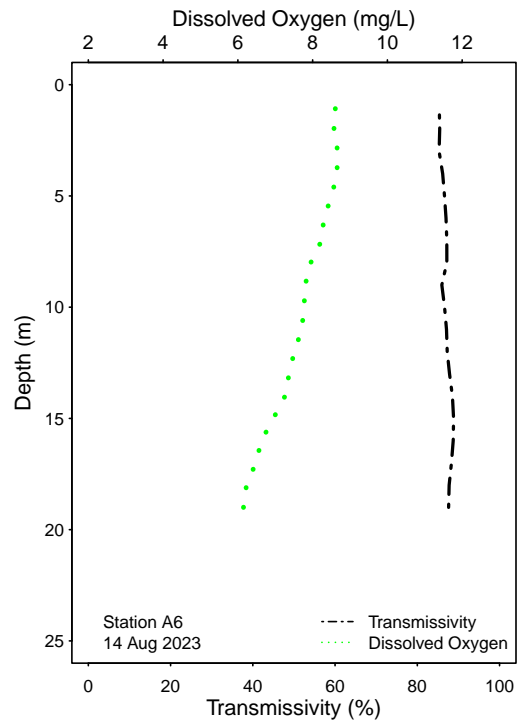
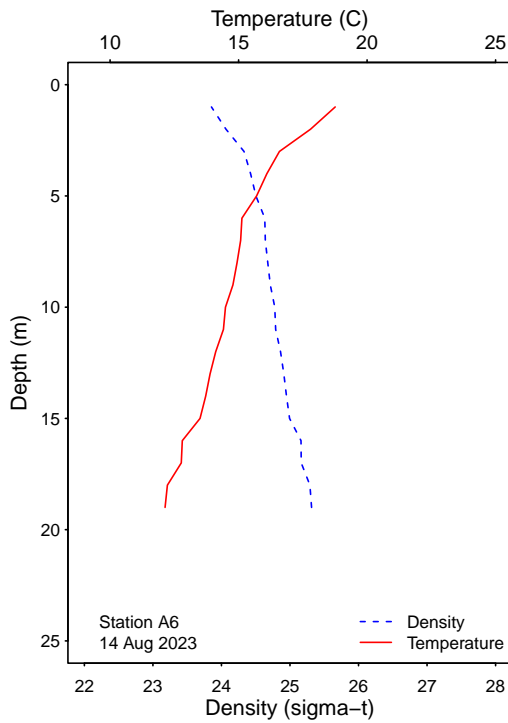
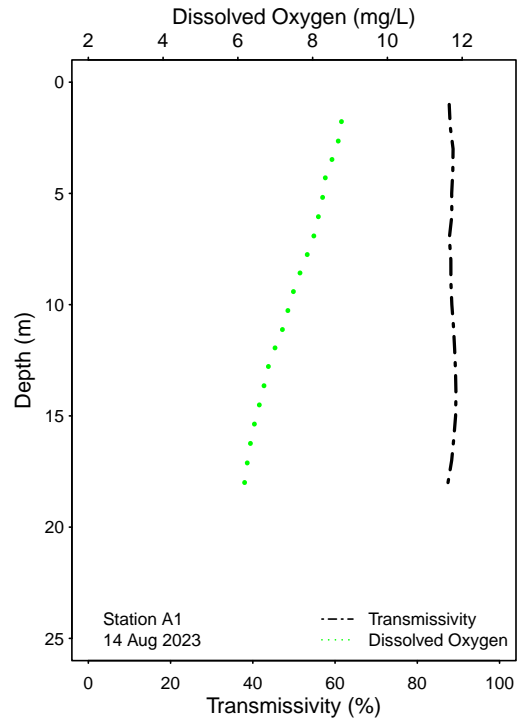
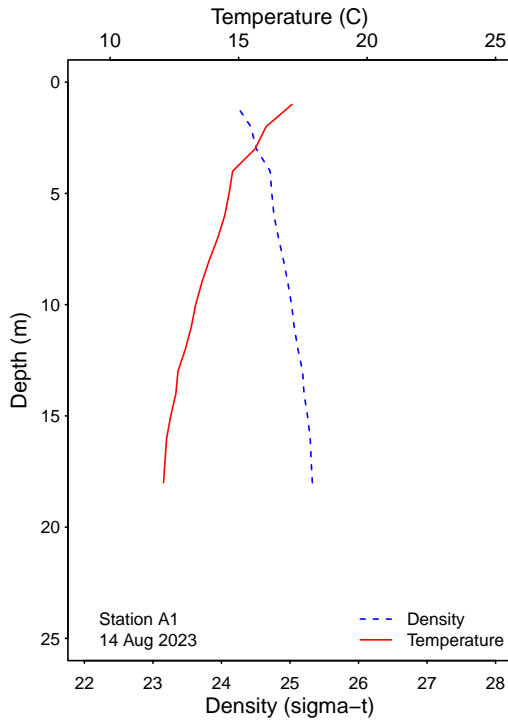


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

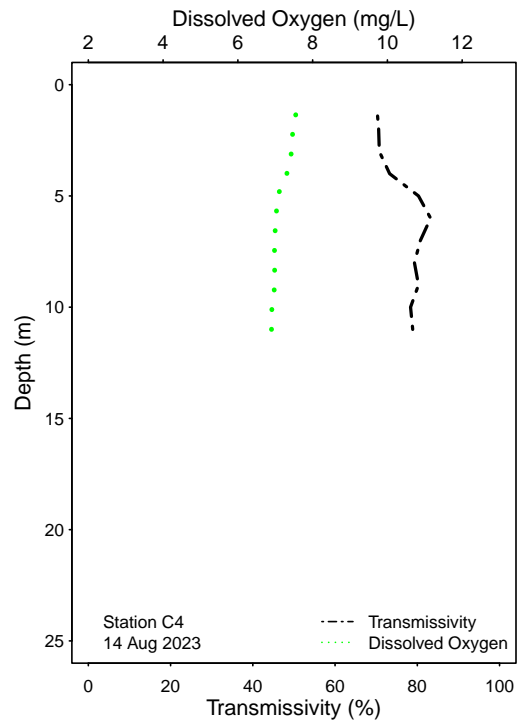
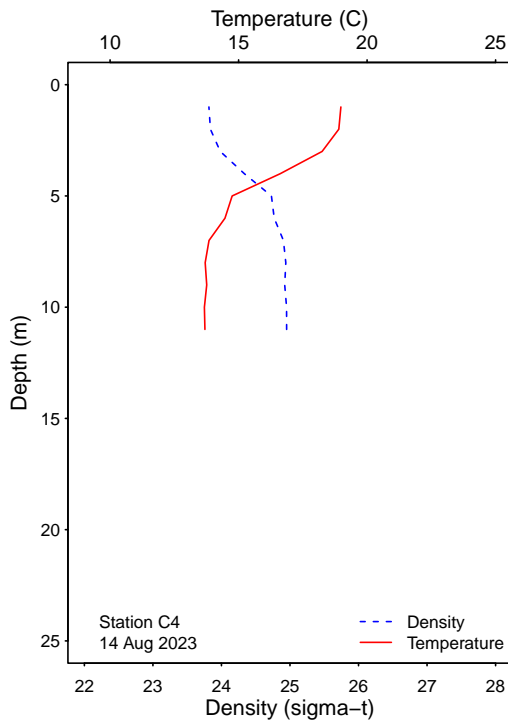
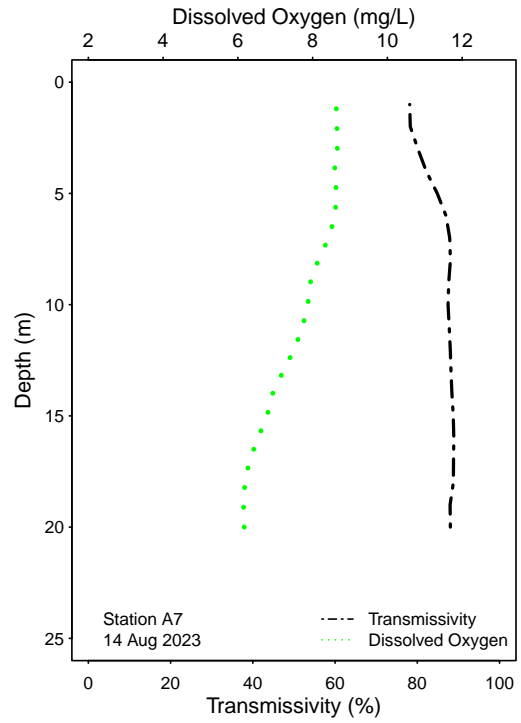
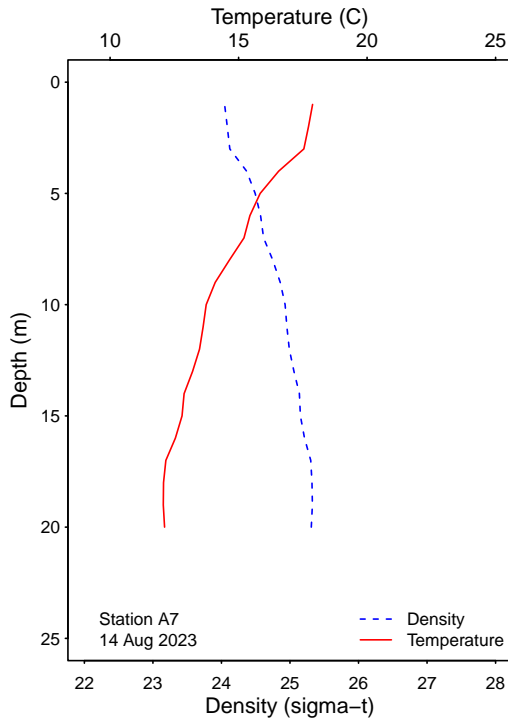


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

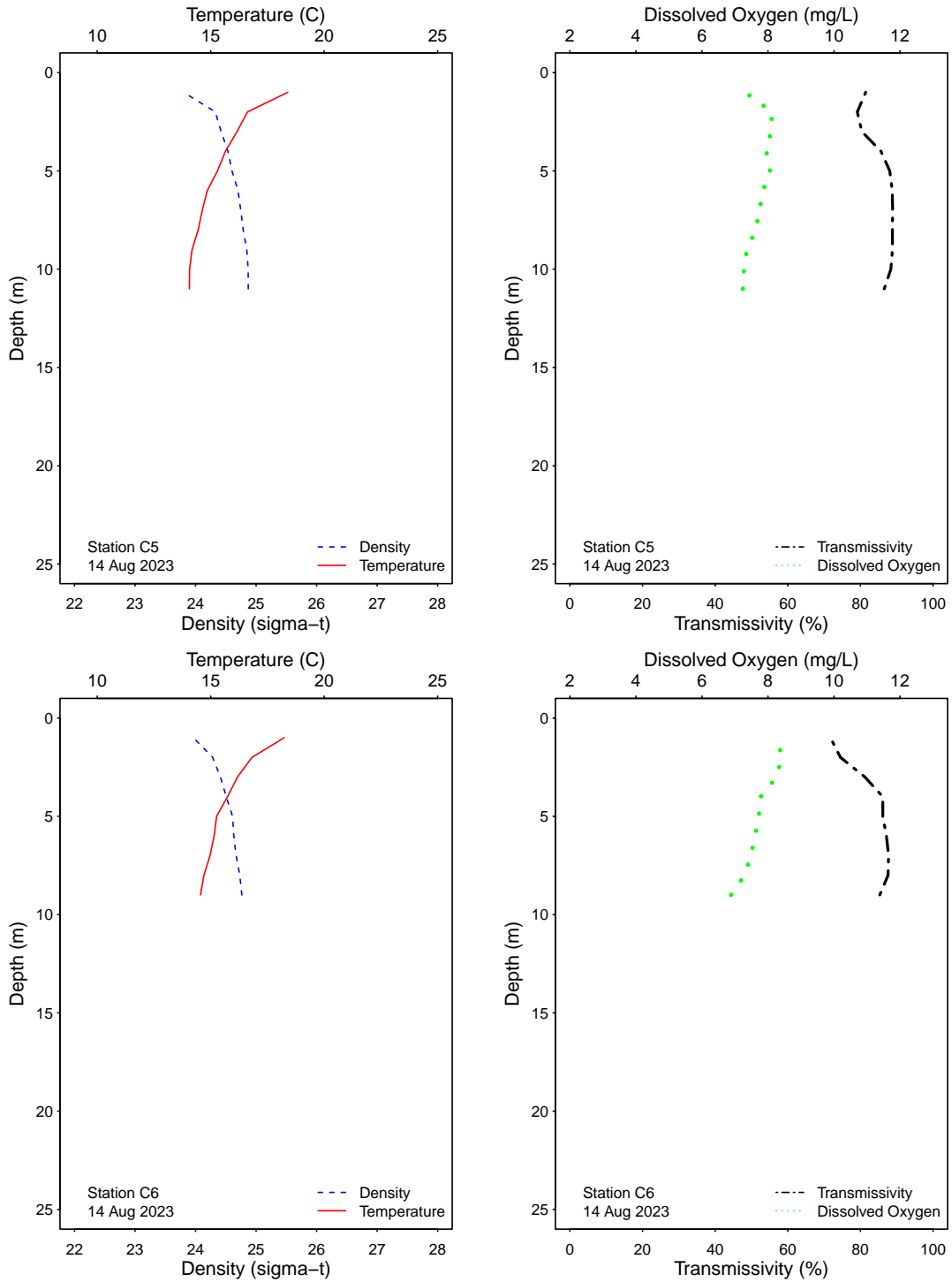


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

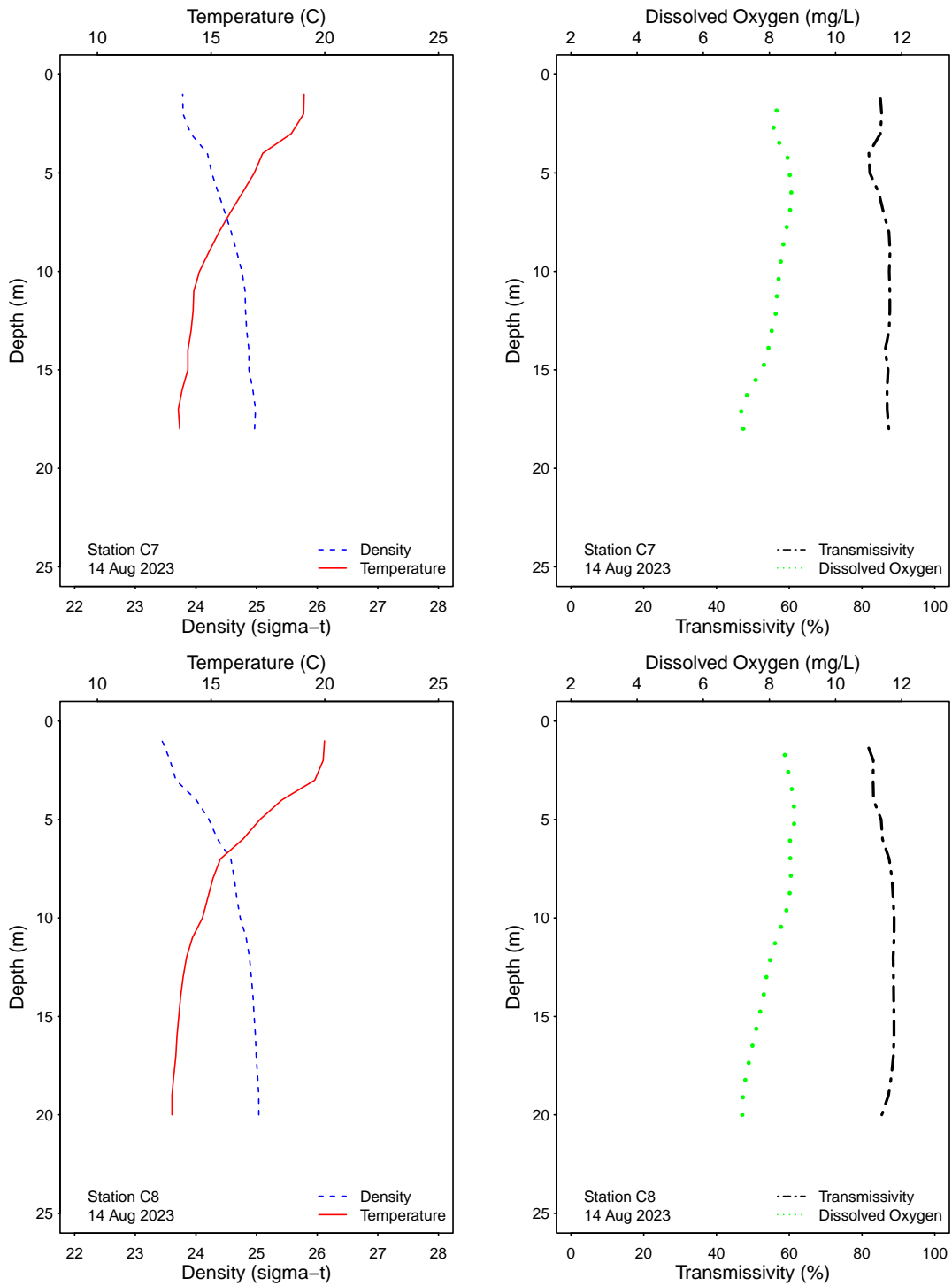


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

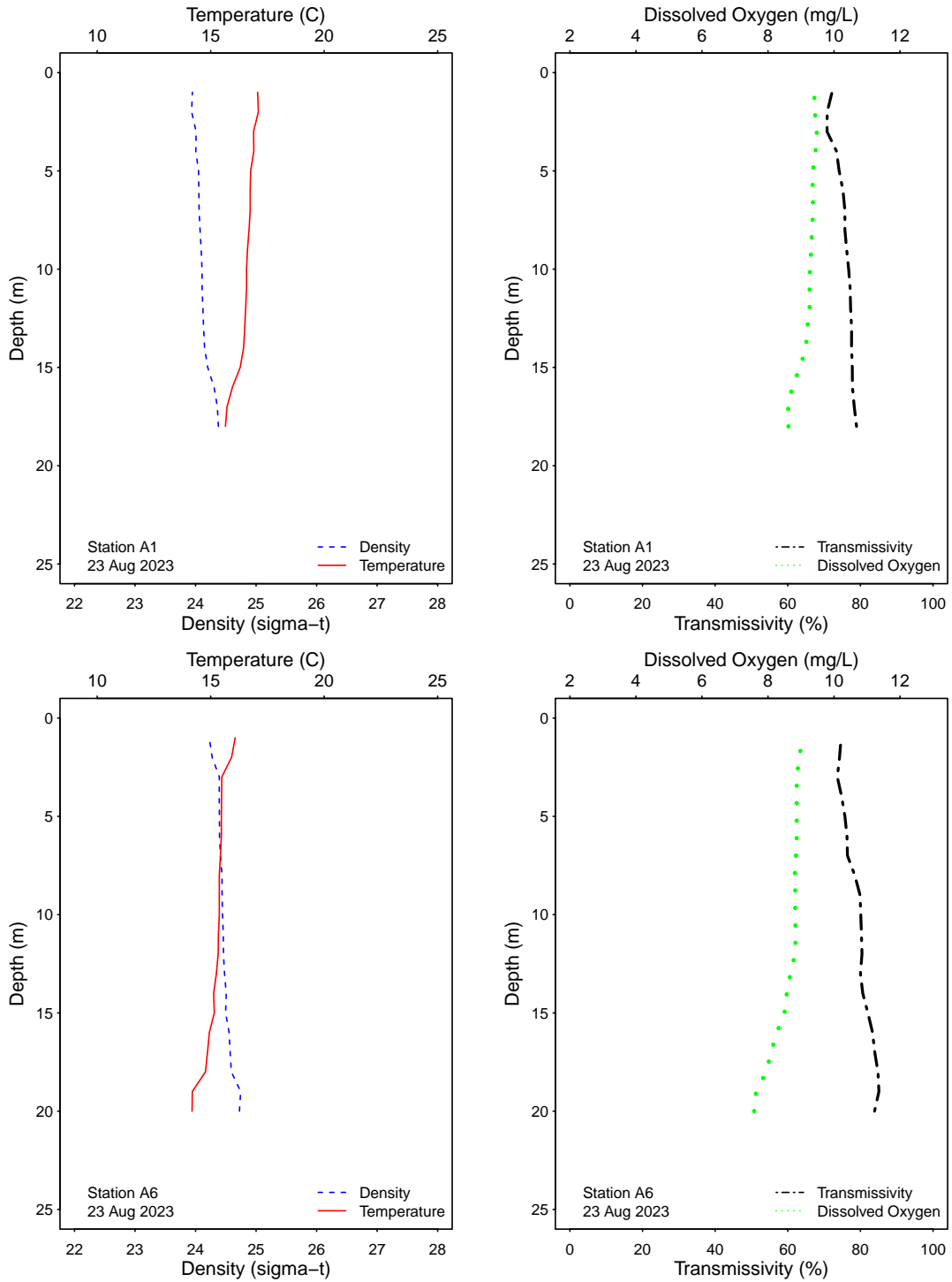


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

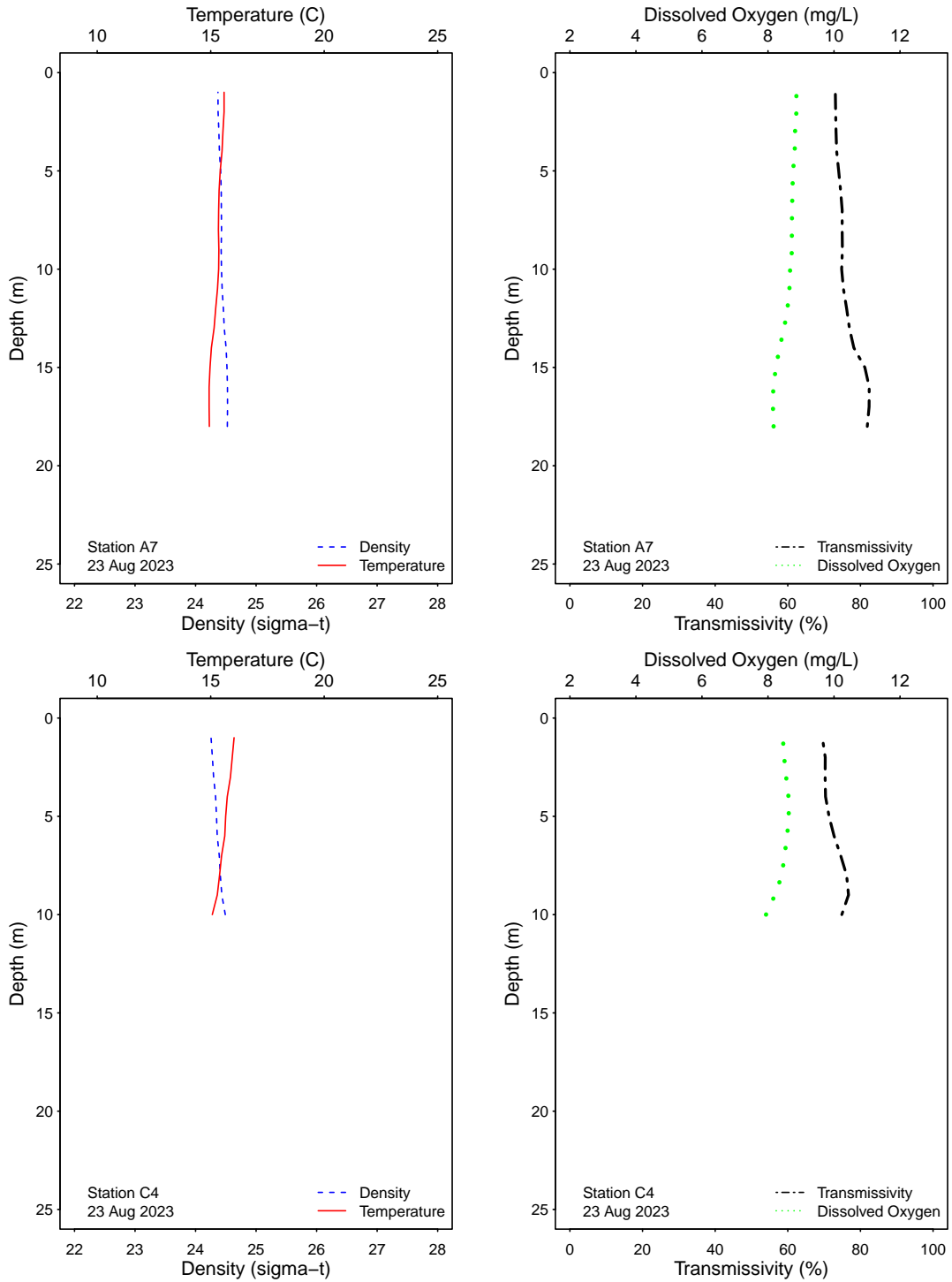


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

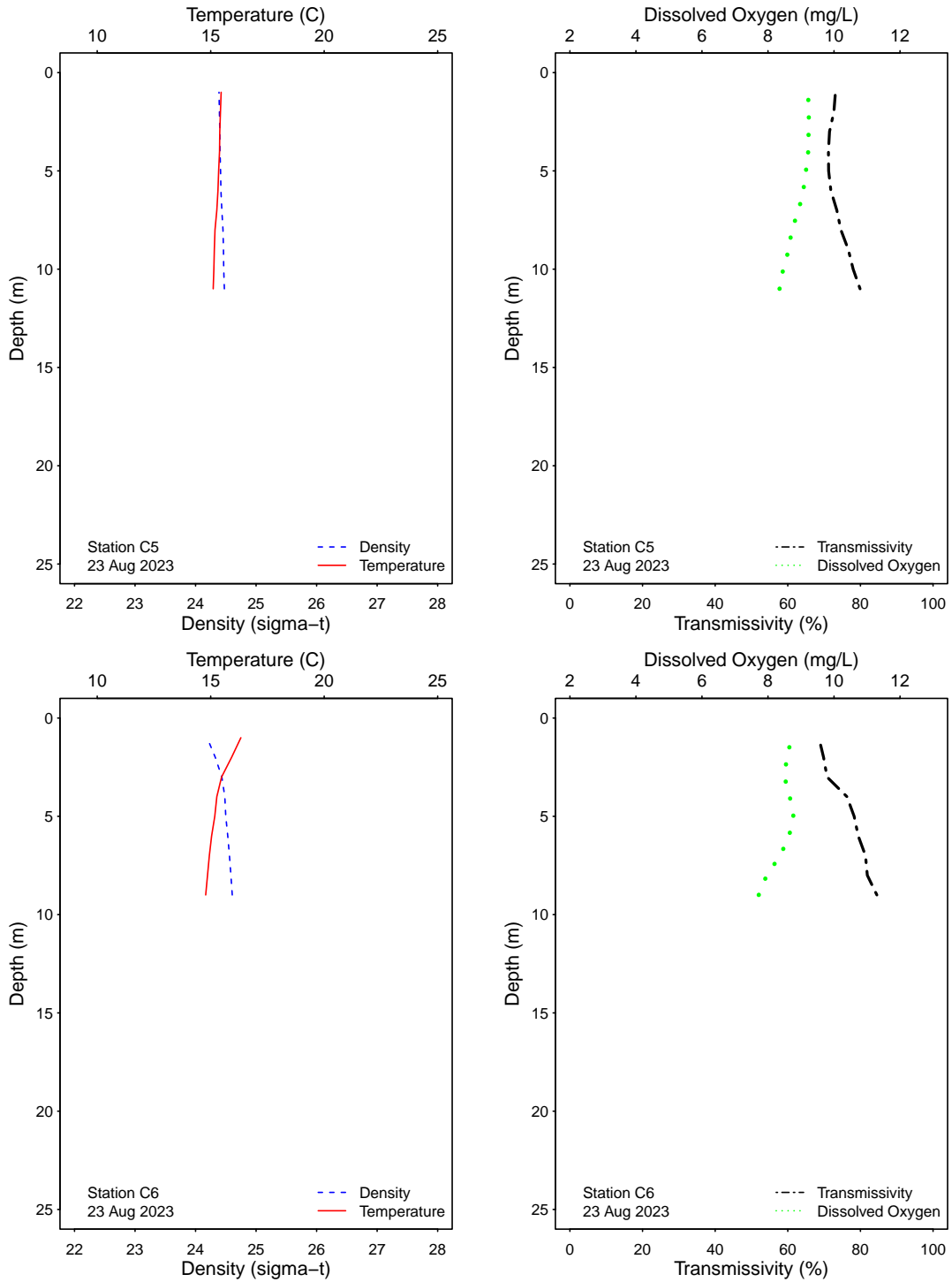


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

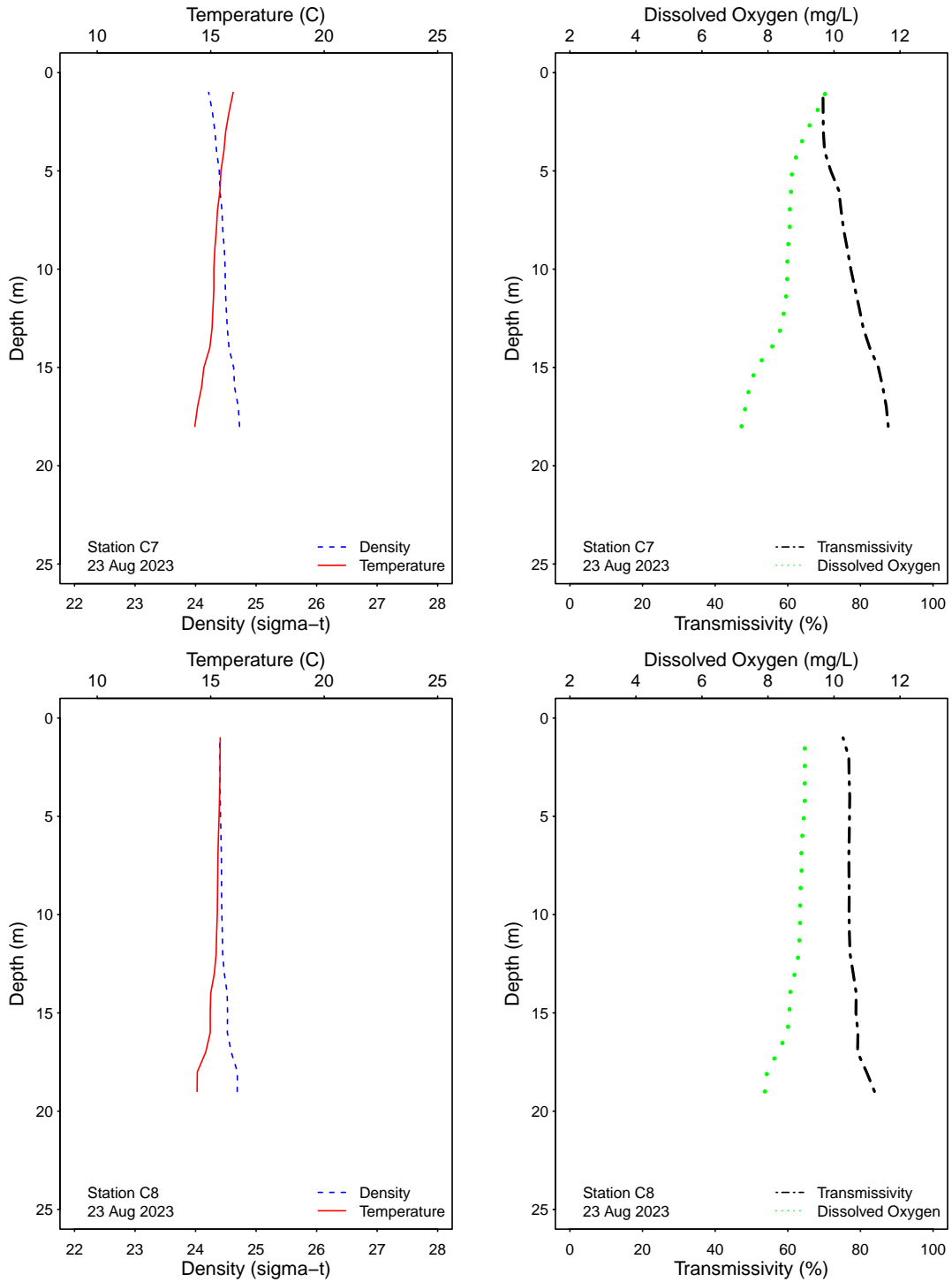


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

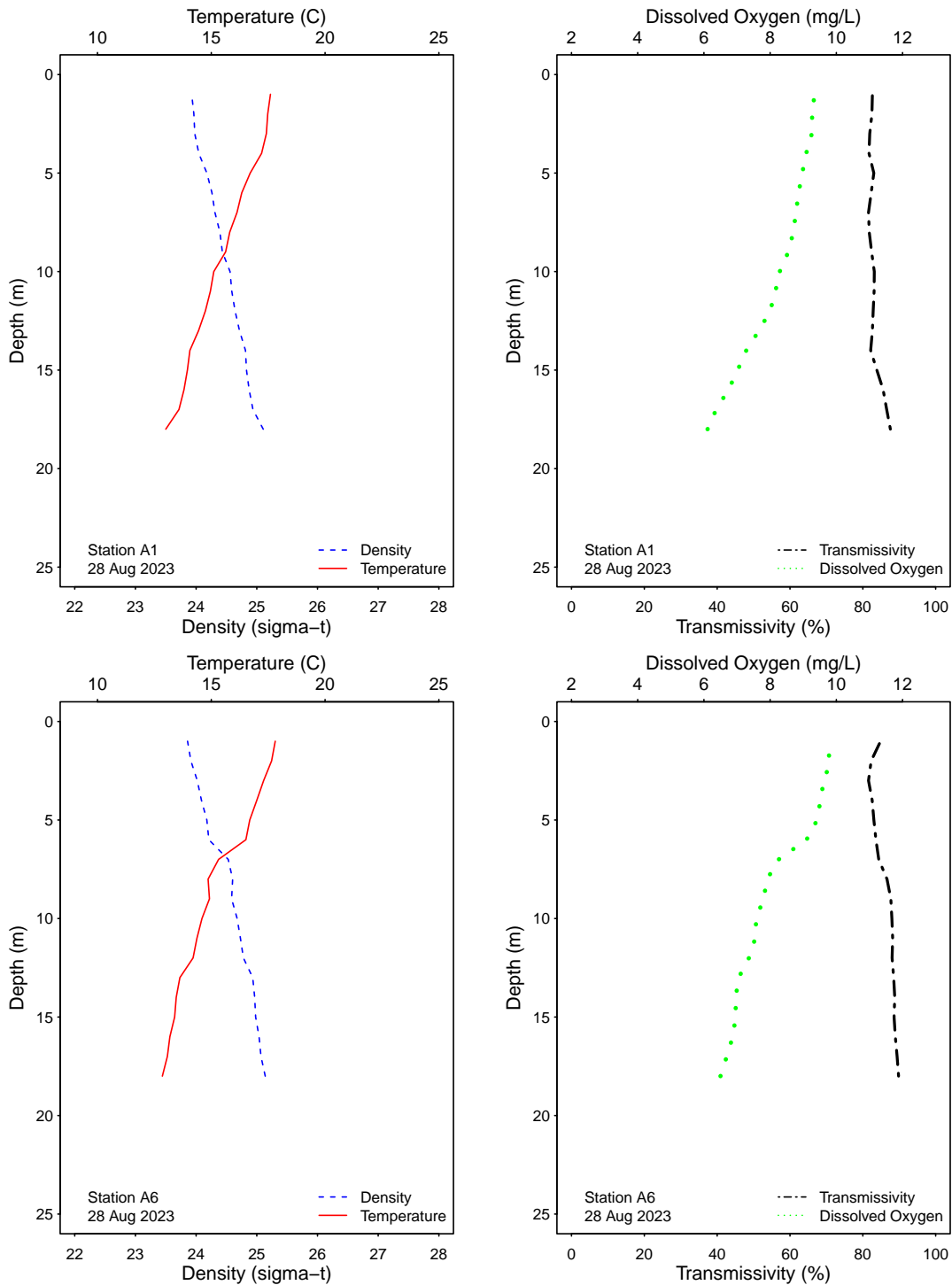


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

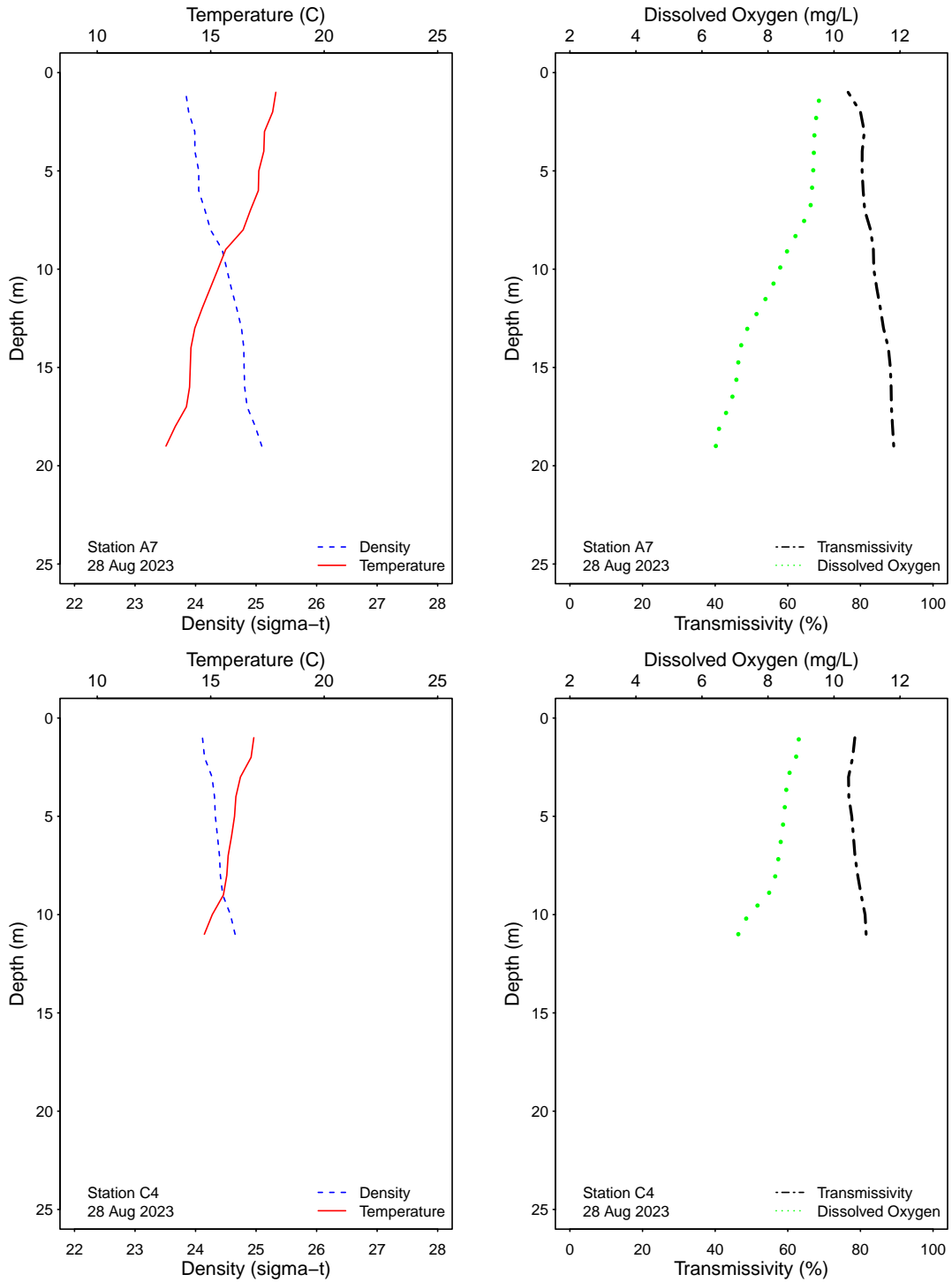


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

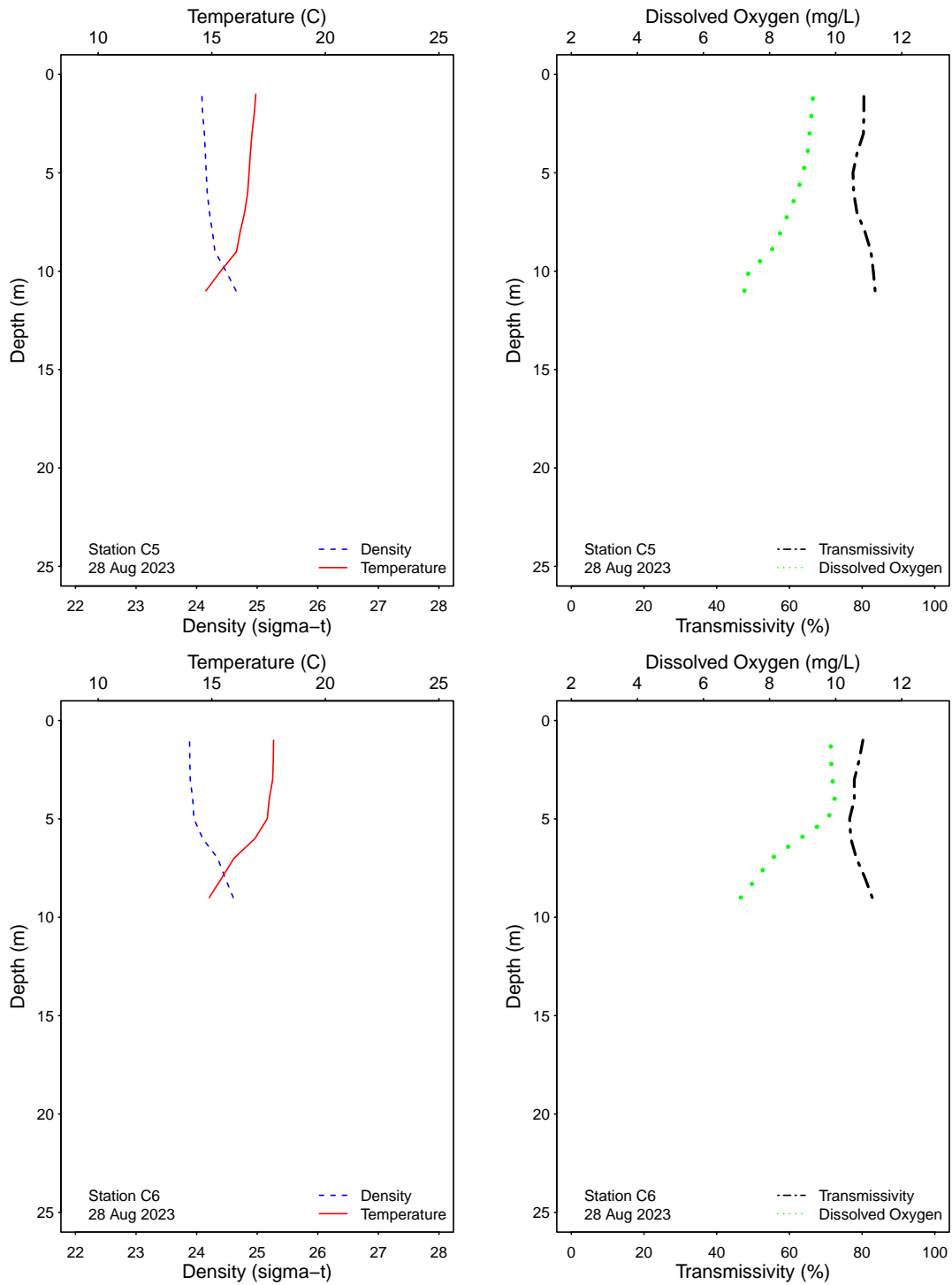


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

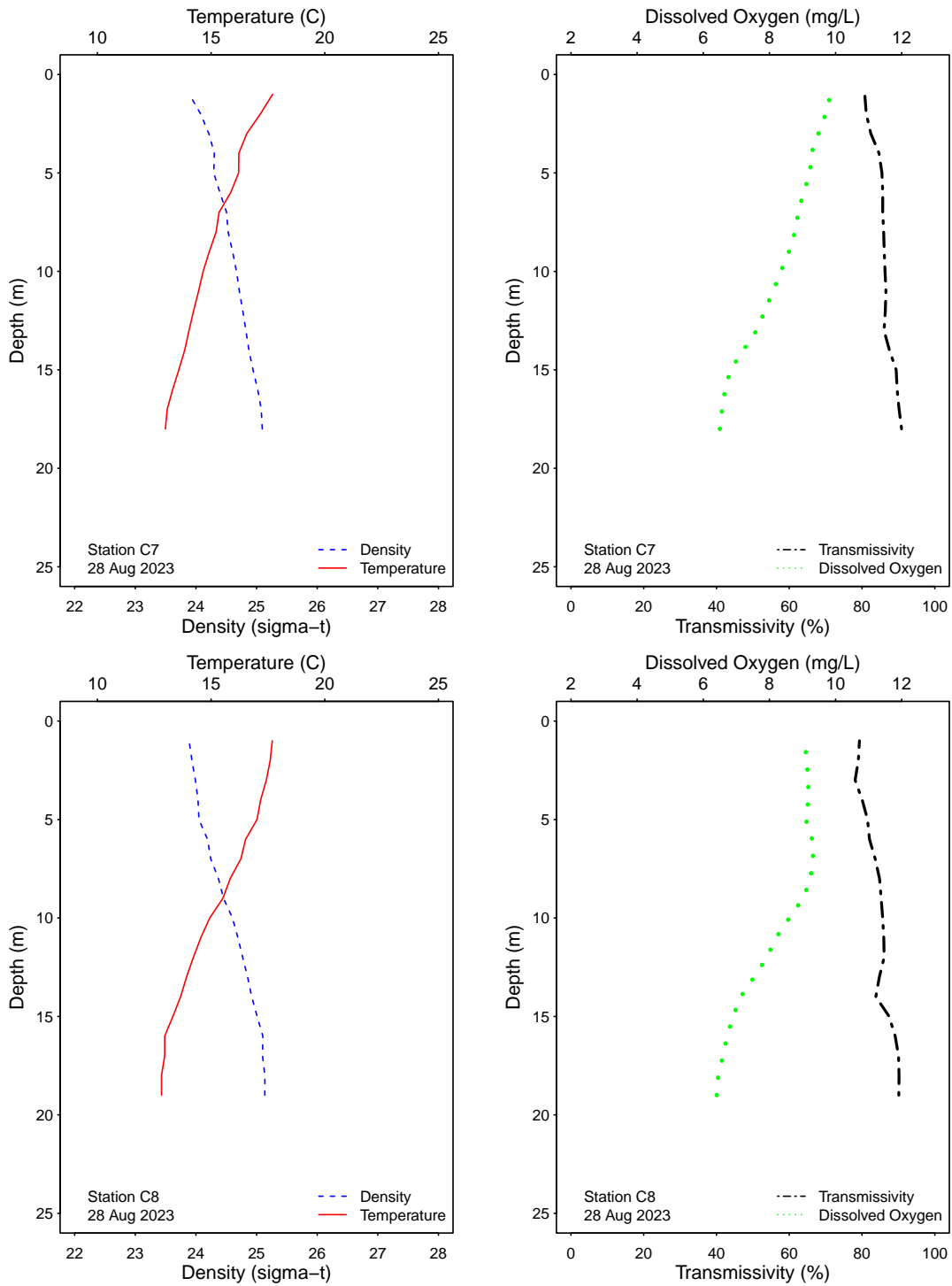


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

Offshore Stations

Table 4.1

Summary of compliance with the Ocean Plan's Single Sample Maximum standard for *Enterococcus* bacteria at the PLOO offshore stations within three nautical miles of shore. Values shall not exceed 104 CFU/100 mL.

Date	F01	F02	F03	F06	F07	F08	F09	F10	F11	F12	F13	F14	F18	F19	F20
16 Aug 2023	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	ns	ns	ns
17 Aug 2023	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. Density of *Enterococcus* (Entero) is 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	Temp	XMS	DO	Sal	pH
F01	16 Aug 2023	1202	1	<2	16.6	78.34	8.5	33.35	8.1
F01	16 Aug 2023	1202	12	<2	12.5	84.38	7.0	33.34	8.0
F01	16 Aug 2023	1202	18	<2	12.1	83.51	6.2	33.38	7.9
F02	16 Aug 2023	823	1	<2	17.2	85.09	8.6	33.33	8.2
F02	16 Aug 2023	823	12	<2	13.4	89.82	8.0	33.28	8.0
F02	16 Aug 2023	823	18	<2	12.6	89.48	7.1	33.32	8.0
F03	16 Aug 2023	837	1	<2	17.5	85.71	8.9	33.34	8.2
F03	16 Aug 2023	837	12	<2	13.6	86.88	7.8	33.30	8.0
F03	16 Aug 2023	837	18	4e	12.3	88.34	6.6	33.34	8.0
F04	16 Aug 2023	1139	1	<2	19.1	87.58	NA	NA	8.2
F04	16 Aug 2023	1139	25	<2	12.8	90.96	7.3	33.32	8.0
F04	16 Aug 2023	1139	60	<2	11.2	89.70	5.0	33.57	7.8
F05	16 Aug 2023	1128	1	<2	18.1	86.33	8.7	33.34	8.2
F05	16 Aug 2023	1128	25	<2	12.6	91.05	7.2	33.32	8.0
F05	16 Aug 2023	1128	60	<2	11.3	88.04	5.2	33.53	7.8
F06	16 Aug 2023	1115	1	<2	17.7	85.43	8.9	33.34	8.2
F06	16 Aug 2023	1115	25	<2	12.6	90.64	7.0	33.32	8.0
F06	16 Aug 2023	1115	60	<2	11.4	87.09	5.4	33.49	7.9
F07	16 Aug 2023	1101	1	<2	18.5	84.61	8.8	33.35	8.2
F07	16 Aug 2023	1101	25	<2	12.2	91.40	6.7	33.35	8.0
F07	16 Aug 2023	1101	60	<2	11.5	87.69	5.5	33.47	7.9
F08	16 Aug 2023	1034	1	<2	18.4	85.46	8.6	33.36	8.2
F08	16 Aug 2023	1034	25	<2	12.4	90.67	6.8	33.34	8.0
F08	16 Aug 2023	1034	60	2e	11.5	84.42	5.4	33.48	7.9
F09	16 Aug 2023	1019	1	<2	18.4	86.90	8.7	33.35	8.2
F09	16 Aug 2023	1019	25	2e	12.3	90.75	6.6	33.36	8.0
F09	16 Aug 2023	1019	60	4e	11.4	82.77	5.3	33.49	7.8
F10	16 Aug 2023	1001	1	<2	17.8	87.61	8.6	33.34	8.2
F10	16 Aug 2023	1001	25	<2	12.1	91.50	6.6	33.35	8.0
F10	16 Aug 2023	1001	60	2e	11.4	85.61	5.4	33.50	7.8
F11	16 Aug 2023	944	1	<2	17.5	88.58	8.6	33.31	8.2
F11	16 Aug 2023	944	25	<2	12.0	91.62	6.4	33.37	7.9
F11	16 Aug 2023	944	60	<2	11.4	88.32	5.5	33.48	7.9
F12	16 Aug 2023	927	1	<2	18.7	86.68	8.6	33.37	8.2
F12	16 Aug 2023	927	25	<2	11.9	91.79	6.4	33.38	7.9
F12	16 Aug 2023	927	60	6e	11.4	88.39	5.5	33.49	7.8
F13	16 Aug 2023	910	1	<2	17.7	84.34	8.8	33.34	8.2
F13	16 Aug 2023	910	25	<2	11.9	92.01	6.6	33.36	8.0
F13	16 Aug 2023	910	60	2e	11.4	86.40	5.4	33.48	7.8
F14	16 Aug 2023	854	1	<2	18.6	82.75	8.6	33.37	8.2

Station	Date	Time	Depth	Entero	Temp	XMS	DO	Sal	pH
F14	16 Aug 2023	854	25	<2	12.0	91.96	6.6	33.35	8.0
F14	16 Aug 2023	854	60	10e	11.4	88.14	5.5	33.48	7.8
F15	17 Aug 2023	1049	1	<2	18.5	88.87	8.6	33.33	8.2
F15	17 Aug 2023	1049	25	<2	12.7	90.30	7.5	33.28	8.0
F15	17 Aug 2023	1049	60	<2	11.2	93.04	5.3	33.54	7.9
F15	17 Aug 2023	1049	80	<2	10.9	89.85	4.5	33.66	7.8
F16	17 Aug 2023	1036	1	<2	18.4	88.58	8.5	33.34	8.2
F16	17 Aug 2023	1036	25	<2	12.5	91.57	7.4	33.29	8.0
F16	17 Aug 2023	1036	60	<2	11.3	92.78	5.5	33.50	7.9
F16	17 Aug 2023	1036	80	<2	10.9	87.87	4.4	33.67	7.8
F17	17 Aug 2023	1020	1	<2	17.4	84.54	8.6	33.32	8.2
F17	17 Aug 2023	1020	25	<2	12.4	91.10	7.4	33.29	8.0
F17	17 Aug 2023	1020	60	<2	11.2	92.19	5.2	33.56	7.8
F17	17 Aug 2023	1020	80	2e	10.9	89.33	4.4	33.67	7.8
F18	17 Aug 2023	1024	1	<2	17.4	83.36	8.6	33.34	8.2
F18	17 Aug 2023	1024	25	<2	12.4	91.28	7.2	33.30	8.0
F18	17 Aug 2023	1024	60	<2	11.2	90.94	5.0	33.57	7.8
F18	17 Aug 2023	1024	80	94	10.9	87.09	4.2	33.68	7.8
F19	17 Aug 2023	948	1	<2	18.1	87.81	8.5	33.31	8.2
F19	17 Aug 2023	948	25	<2	12.6	90.85	7.1	33.32	8.0
F19	17 Aug 2023	948	60	10e	11.3	92.78	5.3	33.53	7.9
F19	17 Aug 2023	948	80	62	10.8	88.98	3.9	33.73	7.8
F20	17 Aug 2023	936	1	<2	17.6	89.12	8.6	33.31	8.2
F20	17 Aug 2023	936	25	<2	12.8	89.75	7.8	33.27	8.1
F20	17 Aug 2023	936	60	100e	11.3	91.31	5.4	33.50	7.9
F20	17 Aug 2023	936	80	560	10.8	89.98	4.0	33.68	7.8
F21	17 Aug 2023	921	1	<2	17.5	87.16	8.7	33.31	8.2
F21	17 Aug 2023	921	25	<2	13.2	88.93	8.4	33.26	8.1
F21	17 Aug 2023	921	60	160e	11.2	90.40	5.1	33.53	7.8
F21	17 Aug 2023	921	80	40e	10.8	89.92	4.1	33.69	7.8
F22	17 Aug 2023	906	1	<2	17.3	86.52	NA	NA	8.2
F22	17 Aug 2023	906	25	<2	12.8	89.68	7.7	33.30	8.0
F22	17 Aug 2023	906	60	8e	11.4	88.77	5.5	33.48	7.9
F22	17 Aug 2023	906	80	60	11.0	88.20	4.7	33.58	7.8
F23	17 Aug 2023	849	1	<2	18.3	83.84	8.8	33.32	8.2
F23	17 Aug 2023	849	25	<2	12.5	91.01	7.2	33.30	8.0
F23	17 Aug 2023	849	60	2e	11.5	88.54	5.6	33.47	7.9
F23	17 Aug 2023	849	80	20e	11.2	86.85	5.1	33.53	7.8
F24	17 Aug 2023	828	1	<2	19.1	83.22	8.5	33.31	8.2
F24	17 Aug 2023	828	25	<2	12.4	91.23	6.9	33.32	8.0
F24	17 Aug 2023	828	60	2e	11.5	89.92	5.6	33.47	7.9
F24	17 Aug 2023	828	80	2e	11.4	86.89	5.3	33.49	7.8
F25	17 Aug 2023	815	1	<2	19.4	87.91	8.1	33.33	8.1
F25	17 Aug 2023	815	25	<2	13.2	90.29	8.2	33.23	8.1
F25	17 Aug 2023	815	60	<2	11.7	91.25	5.9	33.42	7.9
F25	17 Aug 2023	815	80	4e	11.3	89.33	5.2	33.49	7.8
F26	15 Aug 2023	1129	1	<2	21.4	86.61	7.9	33.46	8.2
F26	15 Aug 2023	1129	25	<2	13.6	89.15	8.3	33.28	8.1
F26	15 Aug 2023	1129	60	<2	11.8	92.67	6.4	33.39	7.9

Station	Date	Time	Depth	Entero	Temp	XMS	DO	Sal	pH
F26	15 Aug 2023	1129	80	<2	11.2	93.04	5.0	33.59	7.8
F26	15 Aug 2023	1129	98	<2	10.9	92.47	3.9	33.77	7.7
F27	15 Aug 2023	1113	1	<2	21.4	88.13	7.9	33.47	8.2
F27	15 Aug 2023	1113	25	<2	14.0	88.82	8.8	33.24	8.2
F27	15 Aug 2023	1113	60	70	11.4	92.55	5.9	33.44	7.9
F27	15 Aug 2023	1113	80	<2	11.1	92.99	5.0	33.59	7.8
F27	15 Aug 2023	1113	98	6e	10.9	90.48	4.2	33.71	7.8
F28	15 Aug 2023	1100	1	4e	21.2	87.98	8.0	33.46	8.2
F28	15 Aug 2023	1100	25	<2	13.7	89.13	8.7	33.24	8.1
F28	15 Aug 2023	1100	60	70	11.6	92.04	6.1	33.41	7.9
F28	15 Aug 2023	1100	80	320e	11.2	91.05	5.1	33.56	7.8
F28	15 Aug 2023	1100	98	14e	10.8	91.26	4.1	33.73	7.7
F29	15 Aug 2023	1048	1	6e	21.2	88.17	8.0	33.45	8.2
F29	15 Aug 2023	1048	25	<2	13.5	89.15	8.4	33.24	8.1
F29	15 Aug 2023	1048	60	84	11.4	92.24	5.8	33.45	7.9
F29	15 Aug 2023	1048	80	500	11.2	90.54	4.9	33.52	7.8
F29	15 Aug 2023	1048	98	56	10.8	91.47	4.2	33.71	7.8
F30	15 Aug 2023	1028	1	2e	21.1	87.81	8.0	33.45	8.2
F30	15 Aug 2023	1028	25	<2	13.3	90.36	8.2	33.23	8.1
F30	15 Aug 2023	1028	60	420	11.2	90.85	5.2	33.47	7.8
F30	15 Aug 2023	1028	80	760	11.1	91.21	4.8	33.52	7.8
F30	15 Aug 2023	1028	98	120e	10.9	90.43	4.4	33.65	7.8
F31	15 Aug 2023	947	1	<2	21.0	86.33	8.0	33.45	8.2
F31	15 Aug 2023	947	25	<2	12.7	91.61	7.5	33.26	8.0
F31	15 Aug 2023	947	60	26e	11.3	90.13	5.3	33.51	7.8
F31	15 Aug 2023	947	80	100	11.1	91.91	4.9	33.55	7.8
F31	15 Aug 2023	947	98	44	10.8	91.11	4.2	33.70	7.8
F32	15 Aug 2023	933	1	<2	21.2	87.16	8.0	33.46	8.2
F32	15 Aug 2023	933	25	<2	12.9	91.51	7.8	33.25	8.1
F32	15 Aug 2023	933	60	46	11.3	92.18	5.4	33.48	7.8
F32	15 Aug 2023	933	80	12e	11.1	92.15	5.0	33.54	7.8
F32	15 Aug 2023	933	98	6e	10.8	91.77	4.3	33.70	7.8
F33	15 Aug 2023	925	1	<2	21.3	86.73	7.9	33.47	8.2
F33	15 Aug 2023	925	25	<2	13.0	91.04	7.8	33.24	8.1
F33	15 Aug 2023	925	60	<2	11.4	92.66	5.8	33.45	7.9
F33	15 Aug 2023	925	80	22e	11.0	90.81	4.6	33.59	7.8
F33	15 Aug 2023	925	98	2e	10.7	91.79	4.0	33.76	7.7
F34	15 Aug 2023	908	1	<2	21.0	85.00	8.2	33.43	8.2
F34	15 Aug 2023	908	25	<2	13.3	89.12	8.4	33.26	8.1
F34	15 Aug 2023	908	60	<2	11.4	91.00	5.5	33.46	7.8
F34	15 Aug 2023	908	80	<2	10.9	91.19	4.8	33.59	7.8
F34	15 Aug 2023	908	98	2e	10.6	91.27	3.8	33.81	7.7
F35	15 Aug 2023	826	1	<2	20.6	83.20	8.3	33.42	8.2
F35	15 Aug 2023	826	25	<2	13.6	89.63	8.6	33.25	8.1
F35	15 Aug 2023	826	60	<2	11.4	92.76	5.8	33.47	7.9
F35	15 Aug 2023	826	80	4e	11.0	91.52	4.8	33.57	7.8
F35	15 Aug 2023	826	98	4e	10.7	90.72	4.4	33.65	7.7
F36	15 Aug 2023	847	1	<2	20.5	62.68	7.8	33.39	8.2
F36	15 Aug 2023	847	25	<2	13.4	89.62	8.4	33.24	8.1
F36	15 Aug 2023	847	60	<2	11.5	92.68	6.0	33.45	7.9
F36	15 Aug 2023	847	80	2e	11.0	92.23	4.8	33.55	7.8

Station	Date	Time	Depth	Entero	Temp	XMS	DO	Sal	pH
F36	15 Aug 2023	847	98	2e	10.7	92.77	4.5	33.66	7.8

ns = not sampled

ND = no data

Comments

Station	Date	Depth	Parameter	Comments
F04	16 Aug 2023			Salinity, DO, Chl, and CDOM data omitted in upper 17m due to bubbles
F22	17 Aug 2023			Salinity, DO, Chl, and CDOM data omitted in upper 15m due to bubbles

Table 4.3

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

Station	Date	Parameter	Value
F01	16 Aug 2023	Depth (m)	19
F01	16 Aug 2023	Arrive Time	1202
F01	16 Aug 2023	Depart Time	1208
F01	16 Aug 2023	Air Temp (C)	19.4
F01	16 Aug 2023	Weather	Partly Cloudy
F01	16 Aug 2023	Visibility (mi)	9
F01	16 Aug 2023	Wind Speed (kts)	7.3
F01	16 Aug 2023	Wind Dir	W
F01	16 Aug 2023	Water Color	Blueish-Green
F01	16 Aug 2023	Wave Ht Low (ft)	3
F01	16 Aug 2023	Wave Period (sec)	15
F01	16 Aug 2023	Sea State	Heavy Chop
F01	16 Aug 2023	High Tide (ft)	5.91
F01	16 Aug 2023	High Tide Time	2142
F01	16 Aug 2023	Low Tide (ft)	-0.19
F01	16 Aug 2023	Low Tide Time	412
F01	16 Aug 2023	Comments	none
F02	16 Aug 2023	Depth (m)	20
F02	16 Aug 2023	Arrive Time	823
F02	16 Aug 2023	Depart Time	828
F02	16 Aug 2023	Air Temp (C)	19.2
F02	16 Aug 2023	Weather	Partly Cloudy
F02	16 Aug 2023	Visibility (mi)	9
F02	16 Aug 2023	Wind Speed (kts)	8.7
F02	16 Aug 2023	Wind Dir	NW
F02	16 Aug 2023	Water Color	Blueish-Green
F02	16 Aug 2023	Wave Ht Low (ft)	3
F02	16 Aug 2023	Wave Period (sec)	15
F02	16 Aug 2023	Sea State	Light Chop
F02	16 Aug 2023	High Tide (ft)	5.91
F02	16 Aug 2023	High Tide Time	2142
F02	16 Aug 2023	Low Tide (ft)	-0.19
F02	16 Aug 2023	Low Tide Time	412
F02	16 Aug 2023	Comments	Kelp Debris
F03	16 Aug 2023	Depth (m)	19
F03	16 Aug 2023	Arrive Time	837
F03	16 Aug 2023	Depart Time	847
F03	16 Aug 2023	Air Temp (C)	19.5
F03	16 Aug 2023	Weather	Partly Cloudy
F03	16 Aug 2023	Visibility (mi)	9
F03	16 Aug 2023	Wind Speed (kts)	3.9
F03	16 Aug 2023	Wind Dir	NW
F03	16 Aug 2023	Water Color	Blueish-Green
F03	16 Aug 2023	Wave Ht Low (ft)	3
F03	16 Aug 2023	Wave Period (sec)	15
F03	16 Aug 2023	Sea State	Light Chop
F03	16 Aug 2023	High Tide (ft)	5.91
F03	16 Aug 2023	High Tide Time	2142
F03	16 Aug 2023	Low Tide (ft)	-0.19
F03	16 Aug 2023	Low Tide Time	412
F03	16 Aug 2023	Comments	none
F04	16 Aug 2023	Depth (m)	61
F04	16 Aug 2023	Arrive Time	1139

Station	Date	Parameter	Value
F04	16 Aug 2023	Depart Time	1202
F04	16 Aug 2023	Air Temp (C)	20.2
F04	16 Aug 2023	Weather	Partly Cloudy
F04	16 Aug 2023	Visibility (mi)	9
F04	16 Aug 2023	Wind Speed (kts)	10.5
F04	16 Aug 2023	Wind Dir	N
F04	16 Aug 2023	Water Color	Blueish-Green
F04	16 Aug 2023	Wave Ht Low (ft)	3
F04	16 Aug 2023	Wave Period (sec)	15
F04	16 Aug 2023	Sea State	Heavy Chop
F04	16 Aug 2023	High Tide (ft)	5.91
F04	16 Aug 2023	High Tide Time	2142
F04	16 Aug 2023	Low Tide (ft)	-0.19
F04	16 Aug 2023	Low Tide Time	412
F04	16 Aug 2023	Comments	Salinity, DO, Chl, and CDOM data omitted in upper 17m due to bubbles
F05	16 Aug 2023	Depth (m)	61
F05	16 Aug 2023	Arrive Time	1128
F05	16 Aug 2023	Depart Time	1139
F05	16 Aug 2023	Air Temp (C)	20
F05	16 Aug 2023	Weather	Partly Cloudy
F05	16 Aug 2023	Visibility (mi)	9
F05	16 Aug 2023	Wind Speed (kts)	6.2
F05	16 Aug 2023	Wind Dir	W
F05	16 Aug 2023	Water Color	Blueish-Green
F05	16 Aug 2023	Wave Ht Low (ft)	3
F05	16 Aug 2023	Wave Period (sec)	15
F05	16 Aug 2023	Sea State	Heavy Chop
F05	16 Aug 2023	High Tide (ft)	5.91
F05	16 Aug 2023	High Tide Time	2142
F05	16 Aug 2023	Low Tide (ft)	-0.19
F05	16 Aug 2023	Low Tide Time	412
F05	16 Aug 2023	Comments	none
F06	16 Aug 2023	Depth (m)	61
F06	16 Aug 2023	Arrive Time	1115
F06	16 Aug 2023	Depart Time	1122
F06	16 Aug 2023	Air Temp (C)	19.9
F06	16 Aug 2023	Weather	Partly Cloudy
F06	16 Aug 2023	Visibility (mi)	9
F06	16 Aug 2023	Wind Speed (kts)	3.3
F06	16 Aug 2023	Wind Dir	W
F06	16 Aug 2023	Water Color	Blueish-Green
F06	16 Aug 2023	Wave Ht Low (ft)	3
F06	16 Aug 2023	Wave Period (sec)	15
F06	16 Aug 2023	Sea State	Heavy Chop
F06	16 Aug 2023	High Tide (ft)	5.91
F06	16 Aug 2023	High Tide Time	2142
F06	16 Aug 2023	Low Tide (ft)	-0.19
F06	16 Aug 2023	Low Tide Time	412
F06	16 Aug 2023	Comments	none
F07	16 Aug 2023	Depth (m)	64
F07	16 Aug 2023	Arrive Time	1101
F07	16 Aug 2023	Depart Time	1111
F07	16 Aug 2023	Air Temp (C)	19.3
F07	16 Aug 2023	Weather	Partly Cloudy
F07	16 Aug 2023	Visibility (mi)	9
F07	16 Aug 2023	Wind Speed (kts)	8.7
F07	16 Aug 2023	Wind Dir	W

Station	Date	Parameter	Value
F07	16 Aug 2023	Water Color	Blueish-Green
F07	16 Aug 2023	Wave Ht Low (ft)	3
F07	16 Aug 2023	Wave Period (sec)	15
F07	16 Aug 2023	Sea State	Heavy Chop
F07	16 Aug 2023	High Tide (ft)	5.91
F07	16 Aug 2023	High Tide Time	2142
F07	16 Aug 2023	Low Tide (ft)	-0.19
F07	16 Aug 2023	Low Tide Time	412
F07	16 Aug 2023	Comments	none
F08	16 Aug 2023	Depth (m)	62
F08	16 Aug 2023	Arrive Time	1034
F08	16 Aug 2023	Depart Time	1055
F08	16 Aug 2023	Air Temp (C)	19.5
F08	16 Aug 2023	Weather	Partly Cloudy
F08	16 Aug 2023	Visibility (mi)	9
F08	16 Aug 2023	Wind Speed (kts)	3.7
F08	16 Aug 2023	Wind Dir	W
F08	16 Aug 2023	Water Color	Blueish-Green
F08	16 Aug 2023	Wave Ht Low (ft)	3
F08	16 Aug 2023	Wave Period (sec)	15
F08	16 Aug 2023	Sea State	Heavy Chop
F08	16 Aug 2023	High Tide (ft)	5.91
F08	16 Aug 2023	High Tide Time	2142
F08	16 Aug 2023	Low Tide (ft)	-0.19
F08	16 Aug 2023	Low Tide Time	412
F08	16 Aug 2023	Comments	Surface sample taken from btl 4; Fired manually at surface due to btl 1 failure; 2nd cast was needed to sort out bottle mixup for 25 and 60m samples
F09	16 Aug 2023	Depth (m)	62
F09	16 Aug 2023	Arrive Time	1019
F09	16 Aug 2023	Depart Time	1027
F09	16 Aug 2023	Air Temp (C)	19.2
F09	16 Aug 2023	Weather	Partly Cloudy
F09	16 Aug 2023	Visibility (mi)	9
F09	16 Aug 2023	Wind Speed (kts)	6.1
F09	16 Aug 2023	Wind Dir	W
F09	16 Aug 2023	Water Color	Blueish-Green
F09	16 Aug 2023	Wave Ht Low (ft)	3
F09	16 Aug 2023	Wave Period (sec)	15
F09	16 Aug 2023	Sea State	Heavy Chop
F09	16 Aug 2023	High Tide (ft)	5.91
F09	16 Aug 2023	High Tide Time	2142
F09	16 Aug 2023	Low Tide (ft)	-0.19
F09	16 Aug 2023	Low Tide Time	412
F09	16 Aug 2023	Comments	none
F10	16 Aug 2023	Depth (m)	60
F10	16 Aug 2023	Arrive Time	1001
F10	16 Aug 2023	Depart Time	1011
F10	16 Aug 2023	Air Temp (C)	18.9
F10	16 Aug 2023	Weather	Partly Cloudy
F10	16 Aug 2023	Visibility (mi)	9
F10	16 Aug 2023	Wind Speed (kts)	7.7
F10	16 Aug 2023	Wind Dir	S
F10	16 Aug 2023	Water Color	Blueish-Green
F10	16 Aug 2023	Wave Ht Low (ft)	3
F10	16 Aug 2023	Wave Period (sec)	15
F10	16 Aug 2023	Sea State	Heavy Chop
F10	16 Aug 2023	High Tide (ft)	5.91

Station	Date	Parameter	Value
F10	16 Aug 2023	High Tide Time	2142
F10	16 Aug 2023	Low Tide (ft)	-0.19
F10	16 Aug 2023	Low Tide Time	412
F10	16 Aug 2023	Comments	none
F11	16 Aug 2023	Depth (m)	61
F11	16 Aug 2023	Arrive Time	944
F11	16 Aug 2023	Depart Time	953
F11	16 Aug 2023	Air Temp (C)	18.8
F11	16 Aug 2023	Weather	Partly Cloudy
F11	16 Aug 2023	Visibility (mi)	9
F11	16 Aug 2023	Wind Speed (kts)	4.4
F11	16 Aug 2023	Wind Dir	W
F11	16 Aug 2023	Water Color	Blueish-Green
F11	16 Aug 2023	Wave Ht Low (ft)	3
F11	16 Aug 2023	Wave Period (sec)	15
F11	16 Aug 2023	Sea State	Heavy Chop
F11	16 Aug 2023	High Tide (ft)	5.91
F11	16 Aug 2023	High Tide Time	2142
F11	16 Aug 2023	Low Tide (ft)	-0.19
F11	16 Aug 2023	Low Tide Time	412
F11	16 Aug 2023	Comments	none
F12	16 Aug 2023	Depth (m)	61
F12	16 Aug 2023	Arrive Time	927
F12	16 Aug 2023	Depart Time	942
F12	16 Aug 2023	Air Temp (C)	19.3
F12	16 Aug 2023	Weather	Partly Cloudy
F12	16 Aug 2023	Visibility (mi)	9
F12	16 Aug 2023	Wind Speed (kts)	7.9
F12	16 Aug 2023	Wind Dir	W
F12	16 Aug 2023	Water Color	Green
F12	16 Aug 2023	Wave Ht Low (ft)	3
F12	16 Aug 2023	Wave Period (sec)	15
F12	16 Aug 2023	Sea State	Heavy Chop
F12	16 Aug 2023	High Tide (ft)	5.91
F12	16 Aug 2023	High Tide Time	2142
F12	16 Aug 2023	Low Tide (ft)	-0.19
F12	16 Aug 2023	Low Tide Time	412
F12	16 Aug 2023	Comments	none
F13	16 Aug 2023	Depth (m)	60
F13	16 Aug 2023	Arrive Time	910
F13	16 Aug 2023	Depart Time	916
F13	16 Aug 2023	Air Temp (C)	19.6
F13	16 Aug 2023	Weather	Partly Cloudy
F13	16 Aug 2023	Visibility (mi)	9
F13	16 Aug 2023	Wind Speed (kts)	6.6
F13	16 Aug 2023	Wind Dir	S
F13	16 Aug 2023	Water Color	Green
F13	16 Aug 2023	Wave Ht Low (ft)	3
F13	16 Aug 2023	Wave Period (sec)	15
F13	16 Aug 2023	Sea State	Heavy Chop
F13	16 Aug 2023	High Tide (ft)	5.91
F13	16 Aug 2023	High Tide Time	2142
F13	16 Aug 2023	Low Tide (ft)	-0.19
F13	16 Aug 2023	Low Tide Time	412
F13	16 Aug 2023	Comments	OA 1m Btl# 2308164199 Nsk# 6;OA 60m Btl# 2308164200 Nsk# 5
F14	16 Aug 2023	Depth (m)	60

Station	Date	Parameter	Value
F14	16 Aug 2023	Arrive Time	854
F14	16 Aug 2023	Depart Time	900
F14	16 Aug 2023	Air Temp (C)	20.3
F14	16 Aug 2023	Weather	Partly Cloudy
F14	16 Aug 2023	Visibility (mi)	9
F14	16 Aug 2023	Wind Speed (kts)	2.5
F14	16 Aug 2023	Wind Dir	SW
F14	16 Aug 2023	Water Color	Green
F14	16 Aug 2023	Wave Ht Low (ft)	3
F14	16 Aug 2023	Wave Period (sec)	15
F14	16 Aug 2023	Sea State	Heavy Chop
F14	16 Aug 2023	High Tide (ft)	5.91
F14	16 Aug 2023	High Tide Time	2142
F14	16 Aug 2023	Low Tide (ft)	-0.19
F14	16 Aug 2023	Low Tide Time	412
F14	16 Aug 2023	Comments	none
F15	17 Aug 2023	Depth (m)	81
F15	17 Aug 2023	Arrive Time	1049
F15	17 Aug 2023	Depart Time	1106
F15	17 Aug 2023	Air Temp (C)	18.9
F15	17 Aug 2023	Weather	Fog
F15	17 Aug 2023	Visibility (mi)	4
F15	17 Aug 2023	Wind Speed (kts)	4.8
F15	17 Aug 2023	Wind Dir	SW
F15	17 Aug 2023	Water Color	Blue
F15	17 Aug 2023	Wave Ht Low (ft)	3
F15	17 Aug 2023	Wave Period (sec)	13
F15	17 Aug 2023	Sea State	Confused Swell
F15	17 Aug 2023	High Tide (ft)	5.68
F15	17 Aug 2023	High Tide Time	2212
F15	17 Aug 2023	Low Tide (ft)	-0.03
F15	17 Aug 2023	Low Tide Time	436
F15	17 Aug 2023	Comments	OA 1m Btl# 2308174201 Nsk# 6;OA 80m Btl# 2308174202 Nsk# 5
F16	17 Aug 2023	Depth (m)	82
F16	17 Aug 2023	Arrive Time	1036
F16	17 Aug 2023	Depart Time	1048
F16	17 Aug 2023	Air Temp (C)	
F16	17 Aug 2023	Weather	Fog
F16	17 Aug 2023	Visibility (mi)	4
F16	17 Aug 2023	Wind Speed (kts)	
F16	17 Aug 2023	Wind Dir	
F16	17 Aug 2023	Water Color	Greenish-Blue
F16	17 Aug 2023	Wave Ht Low (ft)	3
F16	17 Aug 2023	Wave Period (sec)	13
F16	17 Aug 2023	Sea State	Confused Swell
F16	17 Aug 2023	High Tide (ft)	5.68
F16	17 Aug 2023	High Tide Time	2212
F16	17 Aug 2023	Low Tide (ft)	-0.03
F16	17 Aug 2023	Low Tide Time	436
F16	17 Aug 2023	Comments	none
F17	17 Aug 2023	Depth (m)	82
F17	17 Aug 2023	Arrive Time	1020
F17	17 Aug 2023	Depart Time	1027
F17	17 Aug 2023	Air Temp (C)	18.5
F17	17 Aug 2023	Weather	Haze
F17	17 Aug 2023	Visibility (mi)	7
F17	17 Aug 2023	Wind Speed (kts)	10.2

Station	Date	Parameter	Value
F17	17 Aug 2023	Wind Dir	S
F17	17 Aug 2023	Water Color	Greenish-Blue
F17	17 Aug 2023	Wave Ht Low (ft)	3
F17	17 Aug 2023	Wave Period (sec)	13
F17	17 Aug 2023	Sea State	Confused Swell
F17	17 Aug 2023	High Tide (ft)	5.68
F17	17 Aug 2023	High Tide Time	2212
F17	17 Aug 2023	Low Tide (ft)	-0.03
F17	17 Aug 2023	Low Tide Time	436
F17	17 Aug 2023	Comments	none
F18	17 Aug 2023	Depth (m)	82
F18	17 Aug 2023	Arrive Time	1004
F18	17 Aug 2023	Depart Time	1020
F18	17 Aug 2023	Air Temp (C)	18.6
F18	17 Aug 2023	Weather	Haze
F18	17 Aug 2023	Visibility (mi)	7
F18	17 Aug 2023	Wind Speed (kts)	8.2
F18	17 Aug 2023	Wind Dir	NW
F18	17 Aug 2023	Water Color	Greenish-Blue
F18	17 Aug 2023	Wave Ht Low (ft)	3
F18	17 Aug 2023	Wave Period (sec)	13
F18	17 Aug 2023	Sea State	Confused Swell
F18	17 Aug 2023	High Tide (ft)	5.68
F18	17 Aug 2023	High Tide Time	2212
F18	17 Aug 2023	Low Tide (ft)	-0.03
F18	17 Aug 2023	Low Tide Time	436
F18	17 Aug 2023	Comments	none
F19	17 Aug 2023	Depth (m)	83
F19	17 Aug 2023	Arrive Time	948
F19	17 Aug 2023	Depart Time	958
F19	17 Aug 2023	Air Temp (C)	18.5
F19	17 Aug 2023	Weather	Haze
F19	17 Aug 2023	Visibility (mi)	7
F19	17 Aug 2023	Wind Speed (kts)	3.9
F19	17 Aug 2023	Wind Dir	NW
F19	17 Aug 2023	Water Color	Greenish-Blue
F19	17 Aug 2023	Wave Ht Low (ft)	3
F19	17 Aug 2023	Wave Period (sec)	13
F19	17 Aug 2023	Sea State	Confused Swell
F19	17 Aug 2023	High Tide (ft)	5.68
F19	17 Aug 2023	High Tide Time	2212
F19	17 Aug 2023	Low Tide (ft)	-0.03
F19	17 Aug 2023	Low Tide Time	436
F19	17 Aug 2023	Comments	none
F20	17 Aug 2023	Depth (m)	82
F20	17 Aug 2023	Arrive Time	936
F20	17 Aug 2023	Depart Time	941
F20	17 Aug 2023	Air Temp (C)	18.3
F20	17 Aug 2023	Weather	Haze
F20	17 Aug 2023	Visibility (mi)	7
F20	17 Aug 2023	Wind Speed (kts)	2.8
F20	17 Aug 2023	Wind Dir	NW
F20	17 Aug 2023	Water Color	Greenish-Blue
F20	17 Aug 2023	Wave Ht Low (ft)	3
F20	17 Aug 2023	Wave Period (sec)	13
F20	17 Aug 2023	Sea State	Confused Swell
F20	17 Aug 2023	High Tide (ft)	5.68
F20	17 Aug 2023	High Tide Time	2212

Station	Date	Parameter	Value
F20	17 Aug 2023	Low Tide (ft)	-0.03
F20	17 Aug 2023	Low Tide Time	436
F20	17 Aug 2023	Comments	none
F21	17 Aug 2023	Depth (m)	84
F21	17 Aug 2023	Arrive Time	921
F21	17 Aug 2023	Depart Time	927
F21	17 Aug 2023	Air Temp (C)	18.2
F21	17 Aug 2023	Weather	Haze
F21	17 Aug 2023	Visibility (mi)	7
F21	17 Aug 2023	Wind Speed (kts)	6
F21	17 Aug 2023	Wind Dir	NW
F21	17 Aug 2023	Water Color	Greenish-Blue
F21	17 Aug 2023	Wave Ht Low (ft)	3
F21	17 Aug 2023	Wave Period (sec)	13
F21	17 Aug 2023	Sea State	Confused Swell
F21	17 Aug 2023	High Tide (ft)	5.68
F21	17 Aug 2023	High Tide Time	2212
F21	17 Aug 2023	Low Tide (ft)	-0.03
F21	17 Aug 2023	Low Tide Time	436
F21	17 Aug 2023	Comments	none
F22	17 Aug 2023	Depth (m)	83
F22	17 Aug 2023	Arrive Time	906
F22	17 Aug 2023	Depart Time	913
F22	17 Aug 2023	Air Temp (C)	18.3
F22	17 Aug 2023	Weather	Haze
F22	17 Aug 2023	Visibility (mi)	7
F22	17 Aug 2023	Wind Speed (kts)	8.1
F22	17 Aug 2023	Wind Dir	NW
F22	17 Aug 2023	Water Color	Greenish-Blue
F22	17 Aug 2023	Wave Ht Low (ft)	3
F22	17 Aug 2023	Wave Period (sec)	13
F22	17 Aug 2023	Sea State	Confused Swell
F22	17 Aug 2023	High Tide (ft)	5.68
F22	17 Aug 2023	High Tide Time	2212
F22	17 Aug 2023	Low Tide (ft)	-0.03
F22	17 Aug 2023	Low Tide Time	436
F22	17 Aug 2023	Comments	Salinity, DO, Chl, and CDOM data omitted in upper 15m due to bubbles
F24	17 Aug 2023	Depth (m)	82
F24	17 Aug 2023	Arrive Time	828
F24	17 Aug 2023	Depart Time	838
F24	17 Aug 2023	Air Temp (C)	18.6
F24	17 Aug 2023	Weather	Haze
F24	17 Aug 2023	Visibility (mi)	7
F24	17 Aug 2023	Wind Speed (kts)	0
F24	17 Aug 2023	Wind Dir	SE
F24	17 Aug 2023	Water Color	Greenish-Blue
F24	17 Aug 2023	Wave Ht Low (ft)	3
F24	17 Aug 2023	Wave Period (sec)	13
F24	17 Aug 2023	Sea State	Confused Swell
F24	17 Aug 2023	High Tide (ft)	5.68
F24	17 Aug 2023	High Tide Time	2212
F24	17 Aug 2023	Low Tide (ft)	-0.03
F24	17 Aug 2023	Low Tide Time	436
F24	17 Aug 2023	Comments	none
F25	17 Aug 2023	Depth (m)	80
F25	17 Aug 2023	Arrive Time	815

Station	Date	Parameter	Value
F25	17 Aug 2023	Depart Time	821
F25	17 Aug 2023	Air Temp (C)	18.5
F25	17 Aug 2023	Weather	Haze
F25	17 Aug 2023	Visibility (mi)	7
F25	17 Aug 2023	Wind Speed (kts)	4.4
F25	17 Aug 2023	Wind Dir	W
F25	17 Aug 2023	Water Color	Greenish-Blue
F25	17 Aug 2023	Wave Ht Low (ft)	3
F25	17 Aug 2023	Wave Period (sec)	13
F25	17 Aug 2023	Sea State	Confused Swell
F25	17 Aug 2023	High Tide (ft)	5.68
F25	17 Aug 2023	High Tide Time	2212
F25	17 Aug 2023	Low Tide (ft)	-0.03
F25	17 Aug 2023	Low Tide Time	436
F25	17 Aug 2023	Comments	none
F26	15 Aug 2023	Depth (m)	100
F26	15 Aug 2023	Arrive Time	1120
F26	15 Aug 2023	Depart Time	1129
F26	15 Aug 2023	Air Temp (C)	19.7
F26	15 Aug 2023	Weather	Fog
F26	15 Aug 2023	Visibility (mi)	4
F26	15 Aug 2023	Wind Speed (kts)	7.5
F26	15 Aug 2023	Wind Dir	W
F26	15 Aug 2023	Water Color	Greenish-Blue
F26	15 Aug 2023	Wave Ht Low (ft)	2.6
F26	15 Aug 2023	Wave Period (sec)	17
F26	15 Aug 2023	Sea State	Light Chop
F26	15 Aug 2023	High Tide (ft)	6.01
F26	15 Aug 2023	High Tide Time	2112
F26	15 Aug 2023	Low Tide (ft)	-0.29
F26	15 Aug 2023	Low Tide Time	348
F26	15 Aug 2023	Comments	none
F27	15 Aug 2023	Depth (m)	100
F27	15 Aug 2023	Arrive Time	1107
F27	15 Aug 2023	Depart Time	1113
F27	15 Aug 2023	Air Temp (C)	19.8
F27	15 Aug 2023	Weather	Fog
F27	15 Aug 2023	Visibility (mi)	4
F27	15 Aug 2023	Wind Speed (kts)	6.2
F27	15 Aug 2023	Wind Dir	W
F27	15 Aug 2023	Water Color	Greenish-Blue
F27	15 Aug 2023	Wave Ht Low (ft)	2.6
F27	15 Aug 2023	Wave Period (sec)	17
F27	15 Aug 2023	Sea State	Light Chop
F27	15 Aug 2023	High Tide (ft)	6.01
F27	15 Aug 2023	High Tide Time	2112
F27	15 Aug 2023	Low Tide (ft)	-0.29
F27	15 Aug 2023	Low Tide Time	348
F27	15 Aug 2023	Comments	none
F28	15 Aug 2023	Depth (m)	101
F28	15 Aug 2023	Arrive Time	1058
F28	15 Aug 2023	Depart Time	1100
F28	15 Aug 2023	Air Temp (C)	19.8
F28	15 Aug 2023	Weather	Fog
F28	15 Aug 2023	Visibility (mi)	4
F28	15 Aug 2023	Wind Speed (kts)	7.9
F28	15 Aug 2023	Wind Dir	W
F28	15 Aug 2023	Water Color	Greenish-Blue

Station	Date	Parameter	Value
F28	15 Aug 2023	Wave Ht Low (ft)	2.6
F28	15 Aug 2023	Wave Period (sec)	17
F28	15 Aug 2023	Sea State	Light Chop
F28	15 Aug 2023	High Tide (ft)	6.01
F28	15 Aug 2023	High Tide Time	2112
F28	15 Aug 2023	Low Tide (ft)	-0.29
F28	15 Aug 2023	Low Tide Time	348
F28	15 Aug 2023	Comments	none
F29	15 Aug 2023	Depth (m)	100
F29	15 Aug 2023	Arrive Time	1035
F29	15 Aug 2023	Depart Time	1048
F29	15 Aug 2023	Air Temp (C)	19.7
F29	15 Aug 2023	Weather	Fog
F29	15 Aug 2023	Visibility (mi)	4
F29	15 Aug 2023	Wind Speed (kts)	7.3
F29	15 Aug 2023	Wind Dir	NW
F29	15 Aug 2023	Water Color	Greenish-Blue
F29	15 Aug 2023	Wave Ht Low (ft)	2.6
F29	15 Aug 2023	Wave Period (sec)	17
F29	15 Aug 2023	Sea State	Light Chop
F29	15 Aug 2023	High Tide (ft)	6.01
F29	15 Aug 2023	High Tide Time	2112
F29	15 Aug 2023	Low Tide (ft)	-0.29
F29	15 Aug 2023	Low Tide Time	348
F29	15 Aug 2023	Comments	none
F30	15 Aug 2023	Depth (m)	101
F30	15 Aug 2023	Arrive Time	1020
F30	15 Aug 2023	Depart Time	1028
F30	15 Aug 2023	Air Temp (C)	19.7
F30	15 Aug 2023	Weather	Fog
F30	15 Aug 2023	Visibility (mi)	4
F30	15 Aug 2023	Wind Speed (kts)	9.1
F30	15 Aug 2023	Wind Dir	W
F30	15 Aug 2023	Water Color	Greenish-Blue
F30	15 Aug 2023	Wave Ht Low (ft)	2.6
F30	15 Aug 2023	Wave Period (sec)	17
F30	15 Aug 2023	Sea State	Light Chop
F30	15 Aug 2023	High Tide (ft)	6.01
F30	15 Aug 2023	High Tide Time	2112
F30	15 Aug 2023	Low Tide (ft)	-0.29
F30	15 Aug 2023	Low Tide Time	348
F30	15 Aug 2023	Comments	none
F31	15 Aug 2023	Depth (m)	100
F31	15 Aug 2023	Arrive Time	947
F31	15 Aug 2023	Depart Time	951
F31	15 Aug 2023	Air Temp (C)	19.9
F31	15 Aug 2023	Weather	Fog
F31	15 Aug 2023	Visibility (mi)	4
F31	15 Aug 2023	Wind Speed (kts)	9.9
F31	15 Aug 2023	Wind Dir	W
F31	15 Aug 2023	Water Color	Greenish-Blue
F31	15 Aug 2023	Wave Ht Low (ft)	2.6
F31	15 Aug 2023	Wave Period (sec)	17
F31	15 Aug 2023	Sea State	Light Chop
F31	15 Aug 2023	High Tide (ft)	6.01
F31	15 Aug 2023	High Tide Time	2112
F31	15 Aug 2023	Low Tide (ft)	-0.29
F31	15 Aug 2023	Low Tide Time	348

Station	Date	Parameter	Value
F31	15 Aug 2023	Comments	none
F32	15 Aug 2023	Depth (m)	100
F32	15 Aug 2023	Arrive Time	933
F32	15 Aug 2023	Depart Time	938
F32	15 Aug 2023	Air Temp (C)	20
F32	15 Aug 2023	Weather	Fog
F32	15 Aug 2023	Visibility (mi)	4
F32	15 Aug 2023	Wind Speed (kts)	5.5
F32	15 Aug 2023	Wind Dir	W
F32	15 Aug 2023	Water Color	Greenish-Blue
F32	15 Aug 2023	Wave Ht Low (ft)	2.6
F32	15 Aug 2023	Wave Period (sec)	17
F32	15 Aug 2023	Sea State	Light Chop
F32	15 Aug 2023	High Tide (ft)	6.01
F32	15 Aug 2023	High Tide Time	2112
F32	15 Aug 2023	Low Tide (ft)	-0.29
F32	15 Aug 2023	Low Tide Time	348
F32	15 Aug 2023	Comments	none
F33	15 Aug 2023	Depth (m)	
F33	15 Aug 2023	Arrive Time	925
F33	15 Aug 2023	Depart Time	933
F33	15 Aug 2023	Air Temp (C)	20.2
F33	15 Aug 2023	Weather	Fog
F33	15 Aug 2023	Visibility (mi)	4
F33	15 Aug 2023	Wind Speed (kts)	22.4
F33	15 Aug 2023	Wind Dir	NW
F33	15 Aug 2023	Water Color	Greenish-Blue
F33	15 Aug 2023	Wave Ht Low (ft)	2.6
F33	15 Aug 2023	Wave Period (sec)	17
F33	15 Aug 2023	Sea State	Light Chop
F33	15 Aug 2023	High Tide (ft)	6.01
F33	15 Aug 2023	High Tide Time	2112
F33	15 Aug 2023	Low Tide (ft)	-0.29
F33	15 Aug 2023	Low Tide Time	348
F33	15 Aug 2023	Comments	Station didnt save at time of cast (9:25am); Ignore coordinates
F34	15 Aug 2023	Depth (m)	101
F34	15 Aug 2023	Arrive Time	908
F34	15 Aug 2023	Depart Time	913
F34	15 Aug 2023	Air Temp (C)	19.9
F34	15 Aug 2023	Weather	Fog
F34	15 Aug 2023	Visibility (mi)	4
F34	15 Aug 2023	Wind Speed (kts)	2
F34	15 Aug 2023	Wind Dir	NW
F34	15 Aug 2023	Water Color	Greenish-Blue
F34	15 Aug 2023	Wave Ht Low (ft)	2.6
F34	15 Aug 2023	Wave Period (sec)	17
F34	15 Aug 2023	Sea State	Light Chop
F34	15 Aug 2023	High Tide (ft)	6.01
F34	15 Aug 2023	High Tide Time	2112
F34	15 Aug 2023	Low Tide (ft)	-0.29
F34	15 Aug 2023	Low Tide Time	348
F34	15 Aug 2023	Comments	Depth not coming in; Entering manually at all stations
F35	15 Aug 2023	Depth (m)	100
F35	15 Aug 2023	Arrive Time	826
F35	15 Aug 2023	Depart Time	845
F35	15 Aug 2023	Air Temp (C)	19.4
F35	15 Aug 2023	Weather	Fog

Station	Date	Parameter	Value
F35	15 Aug 2023	Visibility (mi)	4
F35	15 Aug 2023	Wind Speed (kts)	5.7
F35	15 Aug 2023	Wind Dir	W
F35	15 Aug 2023	Water Color	Greenish-Blue
F35	15 Aug 2023	Wave Ht Low (ft)	2.6
F35	15 Aug 2023	Wave Period (sec)	17
F35	15 Aug 2023	Sea State	Light Chop
F35	15 Aug 2023	High Tide (ft)	6.01
F35	15 Aug 2023	High Tide Time	2112
F35	15 Aug 2023	Low Tide (ft)	-0.29
F35	15 Aug 2023	Low Tide Time	348
F35	15 Aug 2023	Comments	2 casts: Bacti and OA; OA 1m Btl# 2308154191 Nsk# 5;OA 50m Btl# 2308154192 Nsk# ;OA 100m Btl# 2308154193 Nsk# 2;OA 100m-dup Btl# 2308154194 Nsk# 1
F36	15 Aug 2023	Depth (m)	101
F36	15 Aug 2023	Arrive Time	847
F36	15 Aug 2023	Depart Time	855
F36	15 Aug 2023	Air Temp (C)	19.6
F36	15 Aug 2023	Weather	Fog
F36	15 Aug 2023	Visibility (mi)	4
F36	15 Aug 2023	Wind Speed (kts)	5.2
F36	15 Aug 2023	Wind Dir	NW
F36	15 Aug 2023	Water Color	Greenish-Blue
F36	15 Aug 2023	Wave Ht Low (ft)	2.6
F36	15 Aug 2023	Wave Period (sec)	17
F36	15 Aug 2023	Sea State	Light Chop
F36	15 Aug 2023	High Tide (ft)	6.01
F36	15 Aug 2023	High Tide Time	2112
F36	15 Aug 2023	Low Tide (ft)	-0.29
F36	15 Aug 2023	Low Tide Time	348
F36	15 Aug 2023	Comments	none

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 (σ -t)	Chlor (μ g/L)
F01	16 Aug 2023	1	16.62	78.34	8.5	33.35	8.1	24.3	0.89
F01	16 Aug 2023	2	16.11	78.91	8.3	33.33	8.1	24.4	0.98
F01	16 Aug 2023	3	15.26	78.25	8.2	33.33	8.1	24.6	1.19
F01	16 Aug 2023	4	14.82	78.57	8.2	33.31	8.1	24.7	1.52
F01	16 Aug 2023	5	13.66	78.84	7.9	33.31	8.1	25.0	1.92
F01	16 Aug 2023	6	13.35	79.66	7.8	33.30	8.0	25.0	2.27
F01	16 Aug 2023	7	13.19	82.40	7.7	33.31	8.0	25.0	2.30
F01	16 Aug 2023	8	13.15	83.48	7.6	33.31	8.0	25.1	2.28
F01	16 Aug 2023	9	13.07	84.61	7.6	33.31	8.0	25.1	2.29
F01	16 Aug 2023	10	12.98	85.18	7.6	33.31	8.0	25.1	2.25
F01	16 Aug 2023	11	12.90	84.42	7.4	33.31	8.0	25.1	2.75
F01	16 Aug 2023	12	12.48	84.38	7.0	33.34	8.0	25.2	3.25
F01	16 Aug 2023	13	12.26	83.56	6.7	33.36	8.0	25.3	3.37
F01	16 Aug 2023	14	12.17	84.39	6.5	33.36	7.9	25.3	2.93
F01	16 Aug 2023	15	12.13	84.29	6.3	33.37	7.9	25.3	2.13
F01	16 Aug 2023	16	12.12	84.14	6.3	33.37	7.9	25.3	1.84
F01	16 Aug 2023	17	12.10	84.02	6.2	33.37	7.9	25.3	1.60
F01	16 Aug 2023	18	12.08	83.51	6.2	33.38	7.9	25.3	1.37
F01	16 Aug 2023	19	12.08	83.84	6.2	33.38	7.9	25.3	1.22
F01	16 Aug 2023	20	12.07	83.45	6.1	33.38	7.9	25.3	1.16
F02	16 Aug 2023	1	17.23	85.09	8.6	33.33	8.2	24.2	0.66
F02	16 Aug 2023	2	17.24	85.40	8.6	33.33	8.2	24.2	0.67
F02	16 Aug 2023	3	16.85	85.32	8.6	33.33	8.2	24.3	0.81
F02	16 Aug 2023	4	16.62	84.63	8.6	33.31	8.1	24.3	1.13
F02	16 Aug 2023	5	16.22	83.37	8.4	33.32	8.1	24.4	1.41
F02	16 Aug 2023	6	15.90	83.14	8.2	33.29	8.1	24.5	1.75
F02	16 Aug 2023	7	14.73	84.69	8.4	33.30	8.1	24.7	1.70
F02	16 Aug 2023	8	14.74	87.81	8.3	33.29	8.1	24.7	1.53
F02	16 Aug 2023	9	14.04	88.99	8.3	33.27	8.1	24.8	1.37
F02	16 Aug 2023	10	13.70	89.40	8.2	33.27	8.1	24.9	1.29
F02	16 Aug 2023	11	13.58	89.71	8.1	33.27	8.1	24.9	1.23
F02	16 Aug 2023	12	13.39	89.82	8.0	33.28	8.0	25.0	1.37
F02	16 Aug 2023	13	13.31	89.87	7.9	33.28	8.0	25.0	1.41
F02	16 Aug 2023	14	13.29	89.87	7.8	33.28	8.0	25.0	1.37
F02	16 Aug 2023	15	13.25	89.76	7.8	33.29	8.0	25.0	1.31
F02	16 Aug 2023	16	13.26	89.83	7.7	33.29	8.0	25.0	1.27
F02	16 Aug 2023	17	13.01	89.77	7.4	33.29	8.0	25.1	1.27
F02	16 Aug 2023	18	12.63	89.48	7.1	33.32	8.0	25.2	1.12
F02	16 Aug 2023	19	12.59	88.67	7.0	33.32	8.0	25.2	0.96
F02	16 Aug 2023	20	12.63	88.29	7.0	33.32	8.0	25.2	0.95
F03	16 Aug 2023	1	17.53	85.71	8.9	33.34	8.2	24.1	0.89
F03	16 Aug 2023	2	17.52	85.80	8.9	33.34	8.2	24.1	0.92
F03	16 Aug 2023	3	17.17	85.81	8.6	33.33	8.2	24.2	1.01
F03	16 Aug 2023	4	16.17	85.62	8.3	33.33	8.1	24.4	1.28
F03	16 Aug 2023	5	15.44	85.19	8.4	33.31	8.1	24.6	1.42
F03	16 Aug 2023	6	14.67	86.10	8.4	33.30	8.1	24.7	1.50
F03	16 Aug 2023	7	14.46	87.26	8.3	33.29	8.1	24.8	1.53
F03	16 Aug 2023	8	14.23	87.49	8.3	33.29	8.1	24.8	1.57
F03	16 Aug 2023	9	14.07	87.66	8.2	33.29	8.1	24.9	1.67
F03	16 Aug 2023	10	13.85	87.81	8.1	33.29	8.1	24.9	1.78
F03	16 Aug 2023	11	13.76	87.46	7.9	33.29	8.1	24.9	1.93
F03	16 Aug 2023	12	13.57	86.88	7.8	33.30	8.0	25.0	2.20
F03	16 Aug 2023	13	13.46	86.31	7.6	33.30	8.0	25.0	2.19
F03	16 Aug 2023	14	13.10	86.46	7.2	33.30	8.0	25.1	1.80

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F03	16 Aug 2023	15	12.61	87.48	6.9	33.34	8.0	25.2	1.35
F03	16 Aug 2023	16	12.52	87.81	6.8	33.33	8.0	25.2	1.03
F03	16 Aug 2023	17	12.41	88.12	6.7	33.34	8.0	25.2	0.91
F03	16 Aug 2023	18	12.35	88.34	6.6	33.34	8.0	25.2	0.90
F03	16 Aug 2023	19	12.39	88.17	6.6	33.35	7.9	25.2	0.82
F04	16 Aug 2023	1	19.10	87.58	NA	NA	8.2	NA	NA
F04	16 Aug 2023	2	18.97	87.62	NA	NA	8.2	NA	NA
F04	16 Aug 2023	3	18.81	87.65	NA	NA	8.2	NA	NA
F04	16 Aug 2023	4	18.55	87.78	NA	NA	8.2	NA	NA
F04	16 Aug 2023	5	18.50	87.72	NA	NA	8.2	NA	NA
F04	16 Aug 2023	6	18.19	87.43	NA	NA	8.2	NA	NA
F04	16 Aug 2023	7	17.99	87.13	NA	NA	8.2	NA	NA
F04	16 Aug 2023	8	17.79	86.70	NA	NA	8.2	NA	NA
F04	16 Aug 2023	9	16.72	87.05	NA	NA	8.2	NA	NA
F04	16 Aug 2023	10	15.48	89.44	NA	NA	8.2	NA	NA
F04	16 Aug 2023	11	15.26	90.57	NA	NA	8.2	NA	NA
F04	16 Aug 2023	12	15.22	90.69	NA	NA	8.2	NA	NA
F04	16 Aug 2023	13	14.93	90.73	NA	NA	8.2	NA	NA
F04	16 Aug 2023	14	14.87	90.80	NA	NA	8.2	NA	NA
F04	16 Aug 2023	15	14.75	90.77	NA	NA	8.2	NA	NA
F04	16 Aug 2023	16	14.46	90.67	NA	NA	8.2	NA	NA
F04	16 Aug 2023	17	14.03	90.15	NA	NA	8.2	NA	NA
F04	16 Aug 2023	18	13.77	89.13	8.7	33.35	8.1	25.0	0.58
F04	16 Aug 2023	19	13.26	88.08	8.4	33.35	8.1	25.1	0.78
F04	16 Aug 2023	20	13.09	88.42	8.1	33.33	8.1	25.1	1.13
F04	16 Aug 2023	21	13.01	89.20	7.8	33.33	8.1	25.1	1.31
F04	16 Aug 2023	22	12.97	90.05	7.5	33.33	8.0	25.1	1.26
F04	16 Aug 2023	23	12.83	90.50	7.3	33.33	8.0	25.1	1.16
F04	16 Aug 2023	24	12.85	90.83	7.3	33.32	8.0	25.1	0.97
F04	16 Aug 2023	25	12.80	90.96	7.3	33.32	8.0	25.1	0.99
F04	16 Aug 2023	26	12.80	91.01	7.2	33.33	8.0	25.1	0.95
F04	16 Aug 2023	27	12.80	91.06	7.2	33.33	8.0	25.1	0.93
F04	16 Aug 2023	28	12.80	91.00	7.2	33.33	8.0	25.1	0.90
F04	16 Aug 2023	29	12.80	90.85	7.2	33.33	8.0	25.1	0.93
F04	16 Aug 2023	30	12.65	91.20	7.2	33.31	8.0	25.2	0.97
F04	16 Aug 2023	31	12.44	91.45	7.2	33.30	8.0	25.2	0.94
F04	16 Aug 2023	32	12.40	91.68	7.2	33.30	8.0	25.2	0.89
F04	16 Aug 2023	33	12.34	91.88	7.2	33.31	8.0	25.2	0.86
F04	16 Aug 2023	34	12.31	91.86	7.1	33.31	8.0	25.2	0.83
F04	16 Aug 2023	35	12.30	92.01	7.1	33.31	8.0	25.2	0.87
F04	16 Aug 2023	36	12.30	92.09	7.1	33.31	8.0	25.2	0.80
F04	16 Aug 2023	37	12.21	92.13	7.0	33.32	8.0	25.2	0.80
F04	16 Aug 2023	38	12.07	92.28	6.8	33.34	8.0	25.3	0.79
F04	16 Aug 2023	39	11.96	92.41	6.7	33.36	8.0	25.3	0.70
F04	16 Aug 2023	40	11.92	92.48	6.6	33.36	8.0	25.3	0.69
F04	16 Aug 2023	41	11.93	92.41	6.6	33.36	8.0	25.3	0.67
F04	16 Aug 2023	42	11.91	92.41	6.5	33.36	8.0	25.3	0.69
F04	16 Aug 2023	43	11.84	92.49	6.4	33.37	8.0	25.4	0.70
F04	16 Aug 2023	44	11.77	92.57	6.3	33.39	7.9	25.4	0.64
F04	16 Aug 2023	45	11.74	92.38	6.2	33.40	7.9	25.4	0.63
F04	16 Aug 2023	46	11.65	92.16	6.0	33.43	7.9	25.4	0.60
F04	16 Aug 2023	47	11.58	92.18	5.9	33.44	7.9	25.5	0.55
F04	16 Aug 2023	48	11.51	92.35	5.8	33.46	7.9	25.5	0.50
F04	16 Aug 2023	49	11.42	92.49	5.6	33.49	7.9	25.5	0.46
F04	16 Aug 2023	50	11.37	92.64	5.5	33.51	7.9	25.6	0.42
F04	16 Aug 2023	51	11.34	92.69	5.4	33.52	7.9	25.6	0.42
F04	16 Aug 2023	52	11.26	92.55	5.3	33.55	7.8	25.6	0.38
F04	16 Aug 2023	53	11.26	92.03	5.2	33.54	7.8	25.6	0.37
F04	16 Aug 2023	54	11.25	91.58	5.2	33.55	7.8	25.6	0.36
F04	16 Aug 2023	55	11.24	91.20	5.2	33.55	7.8	25.6	0.36

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F04	16 Aug 2023	56	11.23	90.87	5.1	33.55	7.8	25.6	0.35
F04	16 Aug 2023	57	11.23	90.27	5.1	33.55	7.8	25.6	0.34
F04	16 Aug 2023	58	11.22	90.10	5.1	33.55	7.8	25.6	0.37
F04	16 Aug 2023	59	11.20	89.86	5.0	33.56	7.8	25.6	0.34
F04	16 Aug 2023	60	11.19	89.70	5.0	33.57	7.8	25.6	0.32
F05	16 Aug 2023	1	18.12	86.33	8.7	33.34	8.2	24.0	0.50
F05	16 Aug 2023	2	18.06	86.25	8.7	33.35	8.2	24.0	0.49
F05	16 Aug 2023	3	17.72	86.09	8.6	33.34	8.2	24.1	0.52
F05	16 Aug 2023	4	17.50	85.52	8.5	33.34	8.2	24.1	0.56
F05	16 Aug 2023	5	17.20	84.63	8.5	33.34	8.2	24.2	0.70
F05	16 Aug 2023	6	16.89	82.47	8.5	33.34	8.1	24.3	0.87
F05	16 Aug 2023	7	16.55	82.83	8.6	33.32	8.1	24.3	0.89
F05	16 Aug 2023	8	15.98	85.19	8.6	33.30	8.2	24.4	0.79
F05	16 Aug 2023	9	14.93	87.63	8.7	33.28	8.2	24.7	0.67
F05	16 Aug 2023	10	14.43	89.20	8.7	33.27	8.1	24.8	0.69
F05	16 Aug 2023	11	14.31	89.13	8.8	33.26	8.1	24.8	0.73
F05	16 Aug 2023	12	14.18	89.14	8.7	33.26	8.1	24.8	0.81
F05	16 Aug 2023	13	14.03	89.06	8.6	33.26	8.1	24.8	0.89
F05	16 Aug 2023	14	13.82	88.93	8.6	33.26	8.1	24.9	1.03
F05	16 Aug 2023	15	13.72	88.53	8.6	33.26	8.1	24.9	1.27
F05	16 Aug 2023	16	13.54	88.37	8.4	33.26	8.1	24.9	1.34
F05	16 Aug 2023	17	13.29	88.55	8.2	33.26	8.1	25.0	1.48
F05	16 Aug 2023	18	13.02	88.72	8.0	33.27	8.1	25.1	1.49
F05	16 Aug 2023	19	13.15	88.95	8.1	33.27	8.1	25.0	1.61
F05	16 Aug 2023	20	12.96	89.36	7.8	33.28	8.1	25.1	1.53
F05	16 Aug 2023	21	12.83	89.58	7.6	33.29	8.0	25.1	1.53
F05	16 Aug 2023	22	12.75	90.02	7.4	33.30	8.0	25.1	1.44
F05	16 Aug 2023	23	12.65	90.59	7.3	33.31	8.0	25.1	1.32
F05	16 Aug 2023	24	12.61	90.82	7.2	33.31	8.0	25.2	1.11
F05	16 Aug 2023	25	12.62	91.05	7.2	33.32	8.0	25.2	1.11
F05	16 Aug 2023	26	12.60	91.08	7.1	33.32	8.0	25.2	1.03
F05	16 Aug 2023	27	12.60	91.14	7.1	33.32	8.0	25.2	0.98
F05	16 Aug 2023	28	12.59	91.15	7.1	33.32	8.0	25.2	0.99
F05	16 Aug 2023	29	12.58	91.24	7.0	33.32	8.0	25.2	0.95
F05	16 Aug 2023	30	12.53	91.33	7.0	33.33	8.0	25.2	0.94
F05	16 Aug 2023	31	12.46	91.43	6.9	33.33	8.0	25.2	0.87
F05	16 Aug 2023	32	12.38	91.72	6.9	33.33	8.0	25.2	0.82
F05	16 Aug 2023	33	12.24	92.00	6.9	33.33	8.0	25.2	0.80
F05	16 Aug 2023	34	12.08	92.19	6.8	33.33	8.0	25.3	0.76
F05	16 Aug 2023	35	12.06	92.34	6.8	33.33	8.0	25.3	0.74
F05	16 Aug 2023	36	12.02	92.43	6.7	33.34	8.0	25.3	0.71
F05	16 Aug 2023	37	12.00	92.33	6.7	33.34	8.0	25.3	0.71
F05	16 Aug 2023	38	12.00	92.42	6.7	33.34	8.0	25.3	0.69
F05	16 Aug 2023	39	11.95	92.46	6.6	33.35	8.0	25.3	0.71
F05	16 Aug 2023	40	11.89	92.38	6.6	33.36	8.0	25.3	0.69
F05	16 Aug 2023	41	11.88	92.45	6.5	33.36	8.0	25.3	0.66
F05	16 Aug 2023	42	11.88	92.55	6.5	33.36	7.9	25.3	0.64
F05	16 Aug 2023	43	11.85	92.59	6.5	33.37	7.9	25.4	0.65
F05	16 Aug 2023	44	11.83	92.61	6.5	33.37	7.9	25.4	0.64
F05	16 Aug 2023	45	11.81	92.59	6.4	33.38	7.9	25.4	0.62
F05	16 Aug 2023	46	11.78	92.40	6.3	33.39	7.9	25.4	0.66
F05	16 Aug 2023	47	11.76	92.11	6.2	33.39	7.9	25.4	0.67
F05	16 Aug 2023	48	11.69	92.01	6.1	33.41	7.9	25.4	0.65
F05	16 Aug 2023	49	11.66	91.86	6.0	33.42	7.9	25.4	0.59
F05	16 Aug 2023	50	11.62	91.84	5.9	33.43	7.9	25.4	0.55
F05	16 Aug 2023	51	11.55	92.14	5.9	33.45	7.9	25.5	0.52
F05	16 Aug 2023	52	11.46	92.46	5.7	33.47	7.9	25.5	0.47
F05	16 Aug 2023	53	11.40	92.08	5.5	33.49	7.9	25.5	0.44
F05	16 Aug 2023	54	11.34	91.06	5.4	33.52	7.9	25.6	0.40
F05	16 Aug 2023	55	11.33	89.75	5.3	33.52	7.8	25.6	0.38

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F05	16 Aug 2023	56	11.32	89.46	5.3	33.52	7.8	25.6	0.36
F05	16 Aug 2023	57	11.31	89.11	5.2	33.53	7.8	25.6	0.36
F05	16 Aug 2023	58	11.30	88.60	5.2	33.53	7.8	25.6	0.36
F05	16 Aug 2023	59	11.29	88.31	5.2	33.53	7.8	25.6	0.35
F05	16 Aug 2023	60	11.28	88.04	5.2	33.53	7.8	25.6	0.35
F05	16 Aug 2023	61	11.29	87.90	5.2	33.53	7.8	25.6	0.35
F06	16 Aug 2023	1	17.72	85.43	8.9	33.34	8.2	24.1	0.64
F06	16 Aug 2023	2	17.70	85.28	8.9	33.34	8.2	24.1	0.65
F06	16 Aug 2023	3	17.63	84.94	8.8	33.34	8.2	24.1	0.70
F06	16 Aug 2023	4	17.56	84.75	8.7	33.34	8.2	24.1	0.78
F06	16 Aug 2023	5	17.49	84.36	8.7	33.34	8.2	24.1	0.83
F06	16 Aug 2023	6	17.42	83.82	8.6	33.34	8.2	24.1	0.94
F06	16 Aug 2023	7	16.99	83.07	8.5	33.33	8.2	24.2	1.07
F06	16 Aug 2023	8	16.67	81.83	8.7	33.33	8.2	24.3	1.26
F06	16 Aug 2023	9	16.61	82.77	8.6	33.31	8.2	24.3	1.38
F06	16 Aug 2023	10	15.10	84.96	8.4	33.29	8.2	24.6	1.41
F06	16 Aug 2023	11	14.74	86.25	8.3	33.30	8.1	24.7	1.63
F06	16 Aug 2023	12	14.66	85.43	8.3	33.30	8.1	24.7	1.85
F06	16 Aug 2023	13	14.35	85.00	8.0	33.30	8.1	24.8	2.00
F06	16 Aug 2023	14	13.48	85.32	8.0	33.28	8.1	25.0	1.97
F06	16 Aug 2023	15	13.11	87.31	7.9	33.27	8.1	25.0	1.84
F06	16 Aug 2023	16	12.81	88.54	7.8	33.28	8.1	25.1	1.67
F06	16 Aug 2023	17	12.75	89.51	7.5	33.29	8.0	25.1	1.54
F06	16 Aug 2023	18	12.70	89.96	7.3	33.30	8.0	25.1	1.36
F06	16 Aug 2023	19	12.70	90.18	7.2	33.31	8.0	25.1	1.25
F06	16 Aug 2023	20	12.66	90.32	7.1	33.31	8.0	25.2	1.22
F06	16 Aug 2023	21	12.60	90.26	7.1	33.32	8.0	25.2	1.23
F06	16 Aug 2023	22	12.59	90.51	7.1	33.32	8.0	25.2	1.15
F06	16 Aug 2023	23	12.59	90.72	7.1	33.32	8.0	25.2	1.08
F06	16 Aug 2023	24	12.57	90.66	7.0	33.32	8.0	25.2	1.10
F06	16 Aug 2023	25	12.57	90.64	7.0	33.32	8.0	25.2	1.14
F06	16 Aug 2023	26	12.56	90.74	7.1	33.33	8.0	25.2	1.11
F06	16 Aug 2023	27	12.56	90.86	7.0	33.33	8.0	25.2	1.08
F06	16 Aug 2023	28	12.49	90.82	7.0	33.32	8.0	25.2	1.02
F06	16 Aug 2023	29	12.40	91.08	7.0	33.33	8.0	25.2	0.99
F06	16 Aug 2023	30	12.37	91.27	6.9	33.33	8.0	25.2	1.01
F06	16 Aug 2023	31	12.32	91.34	6.9	33.34	8.0	25.2	0.98
F06	16 Aug 2023	32	12.30	91.41	6.8	33.34	8.0	25.2	0.91
F06	16 Aug 2023	33	12.30	91.51	6.8	33.34	8.0	25.2	0.87
F06	16 Aug 2023	34	12.28	91.57	6.8	33.34	8.0	25.2	0.84
F06	16 Aug 2023	35	12.18	91.70	6.8	33.34	8.0	25.3	0.81
F06	16 Aug 2023	36	12.13	91.91	6.7	33.35	8.0	25.3	0.79
F06	16 Aug 2023	37	12.08	91.81	6.6	33.35	8.0	25.3	0.78
F06	16 Aug 2023	38	12.07	91.64	6.6	33.35	8.0	25.3	0.80
F06	16 Aug 2023	39	12.05	91.58	6.6	33.36	8.0	25.3	0.80
F06	16 Aug 2023	40	12.00	91.52	6.5	33.36	8.0	25.3	0.80
F06	16 Aug 2023	41	11.92	91.36	6.4	33.37	7.9	25.3	0.80
F06	16 Aug 2023	42	11.88	91.37	6.3	33.38	7.9	25.4	0.77
F06	16 Aug 2023	43	11.81	91.21	6.2	33.39	7.9	25.4	0.75
F06	16 Aug 2023	44	11.80	90.33	6.1	33.40	7.9	25.4	0.74
F06	16 Aug 2023	45	11.79	89.24	6.0	33.40	7.9	25.4	0.73
F06	16 Aug 2023	46	11.78	88.82	6.0	33.40	7.9	25.4	0.73
F06	16 Aug 2023	47	11.78	88.98	6.0	33.40	7.9	25.4	0.72
F06	16 Aug 2023	48	11.78	89.10	6.0	33.40	7.9	25.4	0.71
F06	16 Aug 2023	49	11.77	89.26	6.0	33.40	7.9	25.4	0.70
F06	16 Aug 2023	50	11.77	89.16	6.0	33.41	7.9	25.4	0.69
F06	16 Aug 2023	51	11.75	89.39	6.0	33.41	7.9	25.4	0.70
F06	16 Aug 2023	52	11.75	89.52	6.0	33.41	7.9	25.4	0.68
F06	16 Aug 2023	53	11.74	89.20	6.0	33.41	7.9	25.4	0.67
F06	16 Aug 2023	54	11.71	88.89	5.9	33.41	7.9	25.4	0.63

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F06	16 Aug 2023	55	11.67	87.85	5.9	33.42	7.9	25.4	0.65
F06	16 Aug 2023	56	11.66	87.51	5.8	33.43	7.9	25.4	0.62
F06	16 Aug 2023	57	11.64	87.38	5.8	33.43	7.9	25.4	0.60
F06	16 Aug 2023	58	11.58	87.25	5.7	33.45	7.9	25.5	0.57
F06	16 Aug 2023	59	11.50	87.12	5.6	33.47	7.9	25.5	0.53
F06	16 Aug 2023	60	11.44	87.09	5.4	33.49	7.9	25.5	0.50
F06	16 Aug 2023	61	11.35	86.15	5.3	33.51	7.8	25.6	0.44
F06	16 Aug 2023	62	11.38	84.56	5.3	33.51	7.8	25.5	0.41
F07	16 Aug 2023	1	18.50	84.61	8.8	33.35	8.2	23.9	0.76
F07	16 Aug 2023	2	17.96	84.39	8.9	33.33	8.2	24.0	0.76
F07	16 Aug 2023	3	17.29	86.23	8.9	33.32	8.2	24.2	0.75
F07	16 Aug 2023	4	17.13	86.16	8.9	33.31	8.2	24.2	0.88
F07	16 Aug 2023	5	16.71	86.61	8.8	33.28	8.2	24.3	0.90
F07	16 Aug 2023	6	15.74	87.40	8.9	33.27	8.2	24.5	0.68
F07	16 Aug 2023	7	15.56	89.92	8.9	33.26	8.2	24.5	0.47
F07	16 Aug 2023	8	14.95	90.40	9.0	33.25	8.2	24.6	0.45
F07	16 Aug 2023	9	14.66	90.64	9.0	33.24	8.2	24.7	0.44
F07	16 Aug 2023	10	14.42	90.67	8.8	33.24	8.1	24.7	0.50
F07	16 Aug 2023	11	13.82	90.14	8.6	33.25	8.1	24.9	0.72
F07	16 Aug 2023	12	13.67	89.39	8.5	33.26	8.1	24.9	0.94
F07	16 Aug 2023	13	13.58	89.09	8.3	33.26	8.1	24.9	1.15
F07	16 Aug 2023	14	13.47	88.77	8.0	33.28	8.1	25.0	1.37
F07	16 Aug 2023	15	13.13	88.32	7.5	33.31	8.0	25.1	1.26
F07	16 Aug 2023	16	12.94	88.96	7.3	33.31	8.0	25.1	1.07
F07	16 Aug 2023	17	12.64	89.73	7.2	33.31	8.0	25.2	0.98
F07	16 Aug 2023	18	12.56	90.18	7.1	33.32	8.0	25.2	0.99
F07	16 Aug 2023	19	12.60	90.43	7.0	33.32	8.0	25.2	0.98
F07	16 Aug 2023	20	12.52	90.57	7.0	33.33	8.0	25.2	0.94
F07	16 Aug 2023	21	12.48	90.72	6.9	33.33	8.0	25.2	0.88
F07	16 Aug 2023	22	12.43	90.81	6.9	33.33	8.0	25.2	0.90
F07	16 Aug 2023	23	12.37	90.92	6.8	33.34	8.0	25.2	0.91
F07	16 Aug 2023	24	12.26	91.14	6.8	33.34	8.0	25.2	0.86
F07	16 Aug 2023	25	12.19	91.40	6.7	33.35	8.0	25.3	0.79
F07	16 Aug 2023	26	12.15	91.46	6.6	33.35	8.0	25.3	0.78
F07	16 Aug 2023	27	12.06	91.66	6.6	33.36	8.0	25.3	0.74
F07	16 Aug 2023	28	12.02	91.83	6.5	33.36	8.0	25.3	0.65
F07	16 Aug 2023	29	11.97	91.98	6.5	33.36	8.0	25.3	0.64
F07	16 Aug 2023	30	11.94	92.09	6.5	33.36	8.0	25.3	0.64
F07	16 Aug 2023	31	11.84	92.36	6.5	33.37	7.9	25.4	0.61
F07	16 Aug 2023	32	11.81	92.58	6.5	33.38	7.9	25.4	0.60
F07	16 Aug 2023	33	11.79	92.52	6.4	33.38	7.9	25.4	0.57
F07	16 Aug 2023	34	11.78	92.54	6.4	33.38	7.9	25.4	0.58
F07	16 Aug 2023	35	11.76	92.59	6.4	33.39	7.9	25.4	0.57
F07	16 Aug 2023	36	11.77	92.49	6.4	33.39	7.9	25.4	0.59
F07	16 Aug 2023	37	11.73	92.25	6.2	33.40	7.9	25.4	0.59
F07	16 Aug 2023	38	11.70	92.03	6.1	33.41	7.9	25.4	0.61
F07	16 Aug 2023	39	11.69	91.23	6.1	33.41	7.9	25.4	0.62
F07	16 Aug 2023	40	11.66	90.73	6.0	33.42	7.9	25.4	0.63
F07	16 Aug 2023	41	11.66	90.65	6.0	33.42	7.9	25.4	0.62
F07	16 Aug 2023	42	11.66	90.48	6.0	33.42	7.9	25.4	0.61
F07	16 Aug 2023	43	11.66	90.51	6.0	33.42	7.9	25.4	0.61
F07	16 Aug 2023	44	11.65	90.50	6.0	33.42	7.9	25.4	0.61
F07	16 Aug 2023	45	11.65	90.45	5.9	33.42	7.9	25.4	0.60
F07	16 Aug 2023	46	11.65	90.43	6.0	33.42	7.9	25.4	0.60
F07	16 Aug 2023	47	11.65	90.42	6.0	33.42	7.9	25.4	0.60
F07	16 Aug 2023	48	11.65	90.34	6.0	33.42	7.9	25.4	0.58
F07	16 Aug 2023	49	11.65	90.09	5.9	33.42	7.9	25.4	0.59
F07	16 Aug 2023	50	11.65	89.56	5.9	33.42	7.9	25.4	0.58
F07	16 Aug 2023	51	11.64	89.18	5.9	33.42	7.9	25.4	0.57
F07	16 Aug 2023	52	11.64	88.86	5.9	33.43	7.9	25.4	0.56

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F07	16 Aug 2023	53	11.63	88.25	5.9	33.43	7.9	25.4	0.57
F07	16 Aug 2023	54	11.60	88.10	5.8	33.44	7.9	25.4	0.56
F07	16 Aug 2023	55	11.57	87.47	5.8	33.45	7.9	25.5	0.53
F07	16 Aug 2023	56	11.57	88.15	5.7	33.45	7.9	25.5	0.51
F07	16 Aug 2023	57	11.56	88.92	5.7	33.45	7.9	25.5	0.51
F07	16 Aug 2023	58	11.55	88.69	5.7	33.45	7.9	25.5	0.50
F07	16 Aug 2023	59	11.50	88.54	5.5	33.47	7.9	25.5	0.47
F07	16 Aug 2023	60	11.49	87.69	5.5	33.47	7.9	25.5	0.45
F07	16 Aug 2023	61	11.41	87.09	5.4	33.49	7.9	25.5	0.45
F07	16 Aug 2023	62	11.36	86.48	5.3	33.51	7.8	25.5	0.41
F07	16 Aug 2023	63	11.34	85.84	5.3	33.51	7.8	25.6	0.40
F07	16 Aug 2023	64	11.34	83.78	5.2	33.51	7.8	25.6	0.37
F08	16 Aug 2023	1	18.43	85.46	8.6	33.36	8.2	23.9	0.54
F08	16 Aug 2023	2	17.62	86.74	8.4	33.33	8.2	24.1	0.52
F08	16 Aug 2023	3	15.71	87.98	8.8	33.28	8.2	24.5	0.35
F08	16 Aug 2023	4	15.25	90.18	8.8	33.24	8.2	24.6	0.30
F08	16 Aug 2023	5	14.96	90.44	9.0	33.24	8.2	24.6	0.27
F08	16 Aug 2023	6	15.00	90.57	8.9	33.23	8.2	24.6	0.28
F08	16 Aug 2023	7	14.53	90.51	8.9	33.24	8.2	24.7	0.35
F08	16 Aug 2023	8	14.53	89.99	9.0	33.24	8.2	24.7	0.41
F08	16 Aug 2023	9	14.54	90.25	9.0	33.24	8.2	24.7	0.48
F08	16 Aug 2023	10	14.52	90.21	9.0	33.24	8.2	24.7	0.51
F08	16 Aug 2023	11	14.51	90.15	8.9	33.25	8.2	24.7	0.52
F08	16 Aug 2023	12	14.37	90.11	8.7	33.25	8.1	24.8	0.58
F08	16 Aug 2023	13	13.78	89.88	8.5	33.27	8.1	24.9	0.68
F08	16 Aug 2023	14	13.55	89.77	8.3	33.26	8.1	24.9	0.81
F08	16 Aug 2023	15	13.09	89.62	8.1	33.27	8.1	25.0	0.95
F08	16 Aug 2023	16	12.98	89.76	8.0	33.27	8.1	25.1	1.00
F08	16 Aug 2023	17	12.95	89.91	7.9	33.27	8.1	25.1	1.08
F08	16 Aug 2023	18	12.94	89.71	7.8	33.28	8.1	25.1	1.18
F08	16 Aug 2023	19	12.87	89.67	7.5	33.30	8.0	25.1	1.21
F08	16 Aug 2023	20	12.84	89.62	7.3	33.32	8.0	25.1	1.05
F08	16 Aug 2023	21	12.82	89.76	7.1	33.33	8.0	25.1	0.94
F08	16 Aug 2023	22	12.59	89.98	7.0	33.34	8.0	25.2	0.87
F08	16 Aug 2023	23	12.48	90.31	6.9	33.34	8.0	25.2	0.84
F08	16 Aug 2023	24	12.43	90.47	6.8	33.34	8.0	25.2	0.88
F08	16 Aug 2023	25	12.41	90.67	6.8	33.34	8.0	25.2	0.87
F08	16 Aug 2023	26	12.41	90.85	6.8	33.34	8.0	25.2	0.94
F08	16 Aug 2023	27	12.37	90.89	6.7	33.34	8.0	25.2	0.93
F08	16 Aug 2023	28	12.29	90.90	6.7	33.35	8.0	25.3	0.87
F08	16 Aug 2023	29	12.25	91.05	6.6	33.36	8.0	25.3	0.79
F08	16 Aug 2023	30	12.08	91.18	6.5	33.37	8.0	25.3	0.74
F08	16 Aug 2023	31	12.05	91.52	6.5	33.37	8.0	25.3	0.70
F08	16 Aug 2023	32	12.02	91.56	6.5	33.37	8.0	25.3	0.69
F08	16 Aug 2023	33	12.03	91.62	6.5	33.37	7.9	25.3	0.69
F08	16 Aug 2023	34	11.93	91.72	6.4	33.37	7.9	25.3	0.68
F08	16 Aug 2023	35	11.75	92.06	6.3	33.39	7.9	25.4	0.62
F08	16 Aug 2023	36	11.70	92.49	6.3	33.40	7.9	25.4	0.58
F08	16 Aug 2023	37	11.68	92.39	6.2	33.40	7.9	25.4	0.56
F08	16 Aug 2023	38	11.68	92.21	6.2	33.41	7.9	25.4	0.55
F08	16 Aug 2023	39	11.68	92.05	6.2	33.41	7.9	25.4	0.55
F08	16 Aug 2023	40	11.68	91.91	6.2	33.41	7.9	25.4	0.58
F08	16 Aug 2023	41	11.67	91.72	6.1	33.41	7.9	25.4	0.60
F08	16 Aug 2023	42	11.66	91.75	6.1	33.41	7.9	25.4	0.58
F08	16 Aug 2023	43	11.64	91.32	6.0	33.42	7.9	25.4	0.59
F08	16 Aug 2023	44	11.63	90.75	6.0	33.43	7.9	25.4	0.56
F08	16 Aug 2023	45	11.61	90.70	5.9	33.43	7.9	25.4	0.56
F08	16 Aug 2023	46	11.61	90.71	5.9	33.44	7.9	25.4	0.55
F08	16 Aug 2023	47	11.60	90.65	5.9	33.44	7.9	25.4	0.55
F08	16 Aug 2023	48	11.59	90.69	5.8	33.44	7.9	25.5	0.55

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F08	16 Aug 2023	49	11.57	90.48	5.8	33.45	7.9	25.5	0.54
F08	16 Aug 2023	50	11.56	90.43	5.8	33.45	7.9	25.5	0.52
F08	16 Aug 2023	51	11.56	90.06	5.7	33.45	7.9	25.5	0.52
F08	16 Aug 2023	52	11.53	89.78	5.6	33.46	7.9	25.5	0.50
F08	16 Aug 2023	53	11.51	88.29	5.6	33.47	7.9	25.5	0.49
F08	16 Aug 2023	54	11.50	87.46	5.6	33.47	7.9	25.5	0.49
F08	16 Aug 2023	55	11.50	87.45	5.5	33.47	7.9	25.5	0.47
F08	16 Aug 2023	56	11.48	87.14	5.5	33.48	7.9	25.5	0.46
F08	16 Aug 2023	57	11.47	86.43	5.5	33.48	7.9	25.5	0.47
F08	16 Aug 2023	58	11.47	85.64	5.5	33.48	7.9	25.5	0.45
F08	16 Aug 2023	59	11.47	84.92	5.4	33.48	7.9	25.5	0.45
F08	16 Aug 2023	60	11.47	84.42	5.4	33.48	7.9	25.5	0.44
F08	16 Aug 2023	61	11.47	83.85	5.4	33.48	7.8	25.5	0.44
F08	16 Aug 2023	62	11.47	83.35	5.4	33.48	7.8	25.5	0.43
F09	16 Aug 2023	1	18.37	86.90	8.7	33.35	8.2	23.9	0.47
F09	16 Aug 2023	2	18.06	87.17	8.5	33.35	8.2	24.0	0.46
F09	16 Aug 2023	3	16.48	87.24	8.5	33.32	8.2	24.3	0.44
F09	16 Aug 2023	4	15.12	88.36	8.7	33.26	8.2	24.6	0.35
F09	16 Aug 2023	5	14.57	90.24	8.8	33.23	8.1	24.7	0.30
F09	16 Aug 2023	6	14.11	90.47	8.8	33.22	8.1	24.8	0.38
F09	16 Aug 2023	7	13.98	90.22	8.9	33.21	8.1	24.8	0.50
F09	16 Aug 2023	8	13.94	89.63	8.8	33.21	8.1	24.8	0.56
F09	16 Aug 2023	9	13.93	89.54	8.9	33.22	8.1	24.8	0.62
F09	16 Aug 2023	10	13.93	89.59	8.8	33.22	8.1	24.8	0.64
F09	16 Aug 2023	11	13.87	89.66	8.7	33.23	8.1	24.8	0.68
F09	16 Aug 2023	12	13.82	89.56	8.7	33.25	8.1	24.9	0.70
F09	16 Aug 2023	13	13.69	89.54	8.4	33.25	8.1	24.9	0.75
F09	16 Aug 2023	14	13.29	89.72	8.2	33.27	8.1	25.0	0.83
F09	16 Aug 2023	15	13.16	89.69	8.0	33.27	8.1	25.0	0.94
F09	16 Aug 2023	16	12.89	89.78	7.8	33.27	8.1	25.1	0.97
F09	16 Aug 2023	17	12.84	90.03	7.8	33.28	8.0	25.1	1.02
F09	16 Aug 2023	18	12.76	90.06	7.6	33.29	8.0	25.1	1.04
F09	16 Aug 2023	19	12.68	90.34	7.4	33.31	8.0	25.1	1.07
F09	16 Aug 2023	20	12.61	90.25	7.1	33.32	8.0	25.2	1.05
F09	16 Aug 2023	21	12.59	90.24	6.9	33.34	8.0	25.2	0.95
F09	16 Aug 2023	22	12.48	90.41	6.9	33.34	8.0	25.2	0.85
F09	16 Aug 2023	23	12.46	90.64	6.8	33.34	8.0	25.2	0.84
F09	16 Aug 2023	24	12.39	90.77	6.7	33.34	8.0	25.2	0.84
F09	16 Aug 2023	25	12.26	90.75	6.6	33.36	8.0	25.3	0.81
F09	16 Aug 2023	26	12.19	90.79	6.5	33.37	8.0	25.3	0.71
F09	16 Aug 2023	27	12.17	90.92	6.4	33.37	8.0	25.3	0.66
F09	16 Aug 2023	28	12.04	91.04	6.4	33.38	7.9	25.3	0.67
F09	16 Aug 2023	29	11.99	91.19	6.4	33.38	7.9	25.3	0.60
F09	16 Aug 2023	30	11.95	91.40	6.3	33.38	7.9	25.3	0.61
F09	16 Aug 2023	31	11.87	91.55	6.3	33.38	7.9	25.4	0.61
F09	16 Aug 2023	32	11.83	91.72	6.3	33.39	7.9	25.4	0.60
F09	16 Aug 2023	33	11.75	91.65	6.2	33.40	7.9	25.4	0.58
F09	16 Aug 2023	34	11.71	91.77	6.2	33.40	7.9	25.4	0.56
F09	16 Aug 2023	35	11.64	91.73	6.0	33.41	7.9	25.4	0.55
F09	16 Aug 2023	36	11.59	91.23	5.9	33.43	7.9	25.4	0.54
F09	16 Aug 2023	37	11.59	89.78	5.9	33.43	7.9	25.4	0.53
F09	16 Aug 2023	38	11.58	89.94	5.9	33.43	7.9	25.5	0.53
F09	16 Aug 2023	39	11.57	90.45	5.8	33.44	7.9	25.5	0.53
F09	16 Aug 2023	40	11.56	90.98	5.8	33.45	7.9	25.5	0.53
F09	16 Aug 2023	41	11.56	90.79	5.8	33.45	7.9	25.5	0.55
F09	16 Aug 2023	42	11.56	90.52	5.8	33.45	7.9	25.5	0.54
F09	16 Aug 2023	43	11.55	89.63	5.7	33.45	7.9	25.5	0.56
F09	16 Aug 2023	44	11.54	88.76	5.7	33.46	7.9	25.5	0.53
F09	16 Aug 2023	45	11.54	88.59	5.7	33.46	7.9	25.5	0.52
F09	16 Aug 2023	46	11.54	88.47	5.7	33.46	7.9	25.5	0.52

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F09	16 Aug 2023	47	11.54	88.49	5.7	33.46	7.9	25.5	0.54
F09	16 Aug 2023	48	11.54	88.48	5.6	33.46	7.9	25.5	0.52
F09	16 Aug 2023	49	11.53	88.26	5.6	33.46	7.9	25.5	0.52
F09	16 Aug 2023	50	11.52	88.16	5.6	33.46	7.9	25.5	0.51
F09	16 Aug 2023	51	11.51	88.03	5.6	33.47	7.9	25.5	0.51
F09	16 Aug 2023	52	11.49	88.48	5.6	33.47	7.9	25.5	0.49
F09	16 Aug 2023	53	11.48	89.07	5.6	33.48	7.9	25.5	0.48
F09	16 Aug 2023	54	11.47	88.31	5.5	33.48	7.9	25.5	0.46
F09	16 Aug 2023	55	11.47	88.32	5.5	33.48	7.9	25.5	0.46
F09	16 Aug 2023	56	11.46	88.97	5.5	33.48	7.9	25.5	0.45
F09	16 Aug 2023	57	11.43	88.25	5.4	33.49	7.9	25.5	0.43
F09	16 Aug 2023	58	11.41	86.42	5.4	33.49	7.8	25.5	0.41
F09	16 Aug 2023	59	11.40	83.72	5.3	33.49	7.8	25.5	0.40
F09	16 Aug 2023	60	11.40	82.77	5.3	33.49	7.8	25.5	0.40
F09	16 Aug 2023	61	11.40	82.13	5.3	33.49	7.8	25.5	0.40
F09	16 Aug 2023	62	11.40	81.69	5.3	33.49	7.8	25.5	0.40
F10	16 Aug 2023	1	17.77	87.61	8.6	33.34	8.2	24.1	0.42
F10	16 Aug 2023	2	17.13	87.94	8.4	33.34	8.2	24.2	0.44
F10	16 Aug 2023	3	14.66	89.01	8.6	33.31	8.1	24.7	0.44
F10	16 Aug 2023	4	14.14	90.14	8.6	33.25	8.1	24.8	0.40
F10	16 Aug 2023	5	13.90	90.05	8.6	33.21	8.1	24.8	0.55
F10	16 Aug 2023	6	13.74	89.62	8.6	33.21	8.1	24.9	0.62
F10	16 Aug 2023	7	13.61	89.49	8.6	33.22	8.1	24.9	0.69
F10	16 Aug 2023	8	13.61	89.79	8.7	33.23	8.1	24.9	0.79
F10	16 Aug 2023	9	13.55	89.83	8.5	33.24	8.1	24.9	0.83
F10	16 Aug 2023	10	13.32	89.27	8.2	33.26	8.1	25.0	0.99
F10	16 Aug 2023	11	13.20	88.81	8.0	33.27	8.1	25.0	1.23
F10	16 Aug 2023	12	13.22	89.16	8.0	33.27	8.1	25.0	1.31
F10	16 Aug 2023	13	13.08	89.43	7.8	33.27	8.1	25.0	1.19
F10	16 Aug 2023	14	12.82	89.79	7.6	33.28	8.0	25.1	1.09
F10	16 Aug 2023	15	12.73	90.19	7.6	33.29	8.0	25.1	1.01
F10	16 Aug 2023	16	12.74	90.26	7.6	33.29	8.0	25.1	1.02
F10	16 Aug 2023	17	12.61	90.36	7.4	33.29	8.0	25.1	1.04
F10	16 Aug 2023	18	12.49	90.56	7.3	33.30	8.0	25.2	1.03
F10	16 Aug 2023	19	12.45	90.79	7.1	33.31	8.0	25.2	0.96
F10	16 Aug 2023	20	12.37	90.94	7.0	33.32	8.0	25.2	0.92
F10	16 Aug 2023	21	12.33	90.96	6.8	33.33	8.0	25.2	0.87
F10	16 Aug 2023	22	12.28	91.02	6.8	33.34	8.0	25.2	0.81
F10	16 Aug 2023	23	12.18	91.15	6.7	33.34	8.0	25.3	0.79
F10	16 Aug 2023	24	12.13	91.35	6.7	33.34	8.0	25.3	0.77
F10	16 Aug 2023	25	12.10	91.50	6.6	33.35	8.0	25.3	0.75
F10	16 Aug 2023	26	12.03	91.53	6.5	33.36	8.0	25.3	0.72
F10	16 Aug 2023	27	11.96	91.41	6.4	33.38	7.9	25.3	0.69
F10	16 Aug 2023	28	11.92	91.24	6.3	33.38	7.9	25.3	0.65
F10	16 Aug 2023	29	11.92	91.29	6.3	33.38	7.9	25.3	0.62
F10	16 Aug 2023	30	11.92	91.31	6.3	33.38	7.9	25.3	0.61
F10	16 Aug 2023	31	11.91	91.32	6.3	33.38	7.9	25.4	0.60
F10	16 Aug 2023	32	11.89	91.26	6.2	33.39	7.9	25.4	0.59
F10	16 Aug 2023	33	11.87	91.23	6.2	33.39	7.9	25.4	0.62
F10	16 Aug 2023	34	11.84	91.29	6.2	33.39	7.9	25.4	0.62
F10	16 Aug 2023	35	11.80	91.61	6.2	33.39	7.9	25.4	0.60
F10	16 Aug 2023	36	11.73	92.05	6.2	33.40	7.9	25.4	0.60
F10	16 Aug 2023	37	11.67	92.00	6.1	33.41	7.9	25.4	0.61
F10	16 Aug 2023	38	11.63	92.00	6.0	33.42	7.9	25.4	0.58
F10	16 Aug 2023	39	11.64	91.68	6.0	33.42	7.9	25.4	0.60
F10	16 Aug 2023	40	11.60	91.57	6.0	33.43	7.9	25.4	0.58
F10	16 Aug 2023	41	11.59	91.24	5.9	33.43	7.9	25.4	0.56
F10	16 Aug 2023	42	11.57	91.08	5.8	33.44	7.9	25.5	0.57
F10	16 Aug 2023	43	11.57	90.48	5.8	33.44	7.9	25.5	0.56
F10	16 Aug 2023	44	11.55	90.07	5.7	33.45	7.9	25.5	0.55

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F10	16 Aug 2023	45	11.54	89.53	5.7	33.45	7.9	25.5	0.54
F10	16 Aug 2023	46	11.54	88.57	5.7	33.45	7.9	25.5	0.57
F10	16 Aug 2023	47	11.53	88.92	5.7	33.46	7.9	25.5	0.54
F10	16 Aug 2023	48	11.50	89.51	5.6	33.47	7.9	25.5	0.52
F10	16 Aug 2023	49	11.49	89.57	5.6	33.47	7.9	25.5	0.52
F10	16 Aug 2023	50	11.48	89.28	5.6	33.47	7.9	25.5	0.52
F10	16 Aug 2023	51	11.47	88.28	5.5	33.48	7.9	25.5	0.49
F10	16 Aug 2023	52	11.45	87.47	5.5	33.48	7.9	25.5	0.44
F10	16 Aug 2023	53	11.43	87.17	5.5	33.49	7.9	25.5	0.43
F10	16 Aug 2023	54	11.40	87.36	5.4	33.49	7.9	25.5	0.41
F10	16 Aug 2023	55	11.39	87.21	5.4	33.50	7.8	25.5	0.40
F10	16 Aug 2023	56	11.39	86.78	5.4	33.50	7.8	25.5	0.39
F10	16 Aug 2023	57	11.39	86.43	5.4	33.50	7.8	25.5	0.39
F10	16 Aug 2023	58	11.39	85.88	5.4	33.50	7.8	25.5	0.39
F10	16 Aug 2023	59	11.39	85.86	5.4	33.50	7.8	25.5	0.39
F10	16 Aug 2023	60	11.39	85.61	5.4	33.50	7.8	25.5	0.39
F10	16 Aug 2023	61	11.39	85.55	5.4	33.50	7.8	25.5	0.38
F10	16 Aug 2023	62	11.39	85.25	5.4	33.50	7.8	25.5	0.39
F11	16 Aug 2023	1	17.52	88.58	8.6	33.31	8.2	24.1	0.39
F11	16 Aug 2023	2	17.31	88.64	8.6	33.32	8.2	24.2	0.40
F11	16 Aug 2023	3	16.70	88.37	8.4	33.29	8.2	24.3	0.42
F11	16 Aug 2023	4	14.82	89.26	8.6	33.26	8.2	24.7	0.38
F11	16 Aug 2023	5	14.27	90.14	8.7	33.24	8.1	24.8	0.37
F11	16 Aug 2023	6	14.23	90.26	8.7	33.21	8.1	24.8	0.40
F11	16 Aug 2023	7	13.83	89.97	8.7	33.20	8.1	24.8	0.48
F11	16 Aug 2023	8	13.62	89.90	8.7	33.23	8.1	24.9	0.54
F11	16 Aug 2023	9	13.52	90.20	8.5	33.23	8.1	24.9	0.66
F11	16 Aug 2023	10	13.21	90.00	8.2	33.26	8.1	25.0	0.80
F11	16 Aug 2023	11	13.08	89.61	7.8	33.28	8.1	25.0	0.86
F11	16 Aug 2023	12	13.01	89.68	7.6	33.28	8.0	25.1	0.87
F11	16 Aug 2023	13	12.89	89.96	7.5	33.29	8.0	25.1	0.83
F11	16 Aug 2023	14	12.87	90.21	7.5	33.29	8.0	25.1	0.88
F11	16 Aug 2023	15	12.85	90.27	7.5	33.29	8.0	25.1	0.98
F11	16 Aug 2023	16	12.85	90.16	7.5	33.30	8.0	25.1	1.00
F11	16 Aug 2023	17	12.81	90.26	7.4	33.29	8.0	25.1	1.04
F11	16 Aug 2023	18	12.63	90.61	7.3	33.29	8.0	25.1	0.97
F11	16 Aug 2023	19	12.40	90.74	7.1	33.30	8.0	25.2	0.98
F11	16 Aug 2023	20	12.11	91.07	6.9	33.33	8.0	25.3	0.83
F11	16 Aug 2023	21	12.04	91.75	6.8	33.34	8.0	25.3	0.72
F11	16 Aug 2023	22	12.01	91.85	6.7	33.34	8.0	25.3	0.70
F11	16 Aug 2023	23	12.00	91.76	6.6	33.35	8.0	25.3	0.64
F11	16 Aug 2023	24	11.99	91.72	6.5	33.36	8.0	25.3	0.68
F11	16 Aug 2023	25	11.96	91.62	6.4	33.37	7.9	25.3	0.64
F11	16 Aug 2023	26	11.91	91.53	6.3	33.38	7.9	25.4	0.57
F11	16 Aug 2023	27	11.87	91.27	6.2	33.40	7.9	25.4	0.56
F11	16 Aug 2023	28	11.87	91.12	6.2	33.40	7.9	25.4	0.52
F11	16 Aug 2023	29	11.85	91.01	6.1	33.40	7.9	25.4	0.51
F11	16 Aug 2023	30	11.85	91.02	6.1	33.41	7.9	25.4	0.49
F11	16 Aug 2023	31	11.84	91.10	6.1	33.41	7.9	25.4	0.48
F11	16 Aug 2023	32	11.82	91.14	6.0	33.41	7.9	25.4	0.46
F11	16 Aug 2023	33	11.79	91.07	6.0	33.41	7.9	25.4	0.47
F11	16 Aug 2023	34	11.73	91.04	6.0	33.41	7.9	25.4	0.51
F11	16 Aug 2023	35	11.67	91.25	6.0	33.42	7.9	25.4	0.54
F11	16 Aug 2023	36	11.63	91.34	6.0	33.42	7.9	25.4	0.57
F11	16 Aug 2023	37	11.62	91.18	5.9	33.43	7.9	25.4	0.57
F11	16 Aug 2023	38	11.60	91.02	5.8	33.44	7.9	25.4	0.55
F11	16 Aug 2023	39	11.56	90.32	5.7	33.45	7.9	25.5	0.54
F11	16 Aug 2023	40	11.52	89.20	5.7	33.46	7.9	25.5	0.53
F11	16 Aug 2023	41	11.52	88.81	5.6	33.46	7.9	25.5	0.52
F11	16 Aug 2023	42	11.50	88.99	5.6	33.47	7.9	25.5	0.51

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F11	16 Aug 2023	43	11.49	89.03	5.6	33.47	7.9	25.5	0.50
F11	16 Aug 2023	44	11.48	89.80	5.6	33.47	7.9	25.5	0.50
F11	16 Aug 2023	45	11.46	89.87	5.6	33.48	7.9	25.5	0.49
F11	16 Aug 2023	46	11.45	89.75	5.6	33.48	7.9	25.5	0.48
F11	16 Aug 2023	47	11.45	89.68	5.6	33.48	7.9	25.5	0.47
F11	16 Aug 2023	48	11.45	89.49	5.5	33.48	7.9	25.5	0.46
F11	16 Aug 2023	49	11.45	89.46	5.5	33.48	7.9	25.5	0.46
F11	16 Aug 2023	50	11.44	89.50	5.5	33.48	7.9	25.5	0.45
F11	16 Aug 2023	51	11.44	89.55	5.5	33.48	7.9	25.5	0.45
F11	16 Aug 2023	52	11.43	89.54	5.5	33.48	7.9	25.5	0.45
F11	16 Aug 2023	53	11.43	89.41	5.5	33.49	7.9	25.5	0.43
F11	16 Aug 2023	54	11.43	89.03	5.5	33.49	7.9	25.5	0.43
F11	16 Aug 2023	55	11.43	88.66	5.5	33.49	7.9	25.5	0.44
F11	16 Aug 2023	56	11.43	88.42	5.5	33.49	7.9	25.5	0.43
F11	16 Aug 2023	57	11.43	88.44	5.5	33.48	7.9	25.5	0.42
F11	16 Aug 2023	58	11.43	88.45	5.5	33.48	7.9	25.5	0.45
F11	16 Aug 2023	59	11.43	88.49	5.5	33.48	7.9	25.5	0.43
F11	16 Aug 2023	60	11.43	88.32	5.5	33.48	7.9	25.5	0.43
F11	16 Aug 2023	61	11.43	87.83	5.5	33.48	7.8	25.5	0.43
F12	16 Aug 2023	1	18.69	86.68	8.6	33.37	8.2	23.9	0.93
F12	16 Aug 2023	2	18.53	86.41	8.4	33.36	8.2	23.9	1.09
F12	16 Aug 2023	3	16.66	85.50	8.5	33.31	8.2	24.3	1.18
F12	16 Aug 2023	4	15.59	86.99	8.5	33.27	8.2	24.5	0.80
F12	16 Aug 2023	5	14.61	89.51	8.7	33.24	8.2	24.7	0.62
F12	16 Aug 2023	6	14.15	90.58	8.7	33.23	8.1	24.8	0.58
F12	16 Aug 2023	7	13.70	91.04	8.8	33.25	8.1	24.9	0.65
F12	16 Aug 2023	8	13.58	90.79	8.7	33.25	8.1	24.9	0.76
F12	16 Aug 2023	9	13.43	90.55	8.6	33.25	8.1	25.0	0.92
F12	16 Aug 2023	10	13.30	89.89	8.4	33.26	8.1	25.0	1.16
F12	16 Aug 2023	11	13.15	89.37	8.2	33.26	8.1	25.0	1.34
F12	16 Aug 2023	12	12.98	89.28	7.8	33.26	8.1	25.0	1.47
F12	16 Aug 2023	13	12.82	89.37	7.6	33.27	8.0	25.1	1.33
F12	16 Aug 2023	14	12.73	90.15	7.4	33.30	8.0	25.1	1.17
F12	16 Aug 2023	15	12.71	90.73	7.2	33.30	8.0	25.1	0.99
F12	16 Aug 2023	16	12.59	90.94	7.2	33.31	8.0	25.2	0.94
F12	16 Aug 2023	17	12.51	91.35	7.1	33.31	8.0	25.2	0.92
F12	16 Aug 2023	18	12.46	91.43	7.1	33.31	8.0	25.2	1.10
F12	16 Aug 2023	19	12.44	91.52	7.1	33.31	8.0	25.2	1.19
F12	16 Aug 2023	20	12.36	91.50	7.0	33.31	8.0	25.2	1.08
F12	16 Aug 2023	21	12.26	91.63	6.9	33.32	8.0	25.2	1.01
F12	16 Aug 2023	22	11.99	91.86	6.7	33.34	8.0	25.3	0.89
F12	16 Aug 2023	23	11.93	91.94	6.5	33.36	8.0	25.3	0.79
F12	16 Aug 2023	24	11.91	91.83	6.4	33.37	8.0	25.3	0.73
F12	16 Aug 2023	25	11.90	91.79	6.4	33.38	7.9	25.4	0.69
F12	16 Aug 2023	26	11.86	91.64	6.2	33.40	7.9	25.4	0.61
F12	16 Aug 2023	27	11.84	91.42	6.1	33.40	7.9	25.4	0.57
F12	16 Aug 2023	28	11.84	91.22	6.1	33.41	7.9	25.4	0.53
F12	16 Aug 2023	29	11.80	91.24	6.1	33.41	7.9	25.4	0.51
F12	16 Aug 2023	30	11.77	91.28	6.0	33.42	7.9	25.4	0.50
F12	16 Aug 2023	31	11.73	91.41	6.0	33.42	7.9	25.4	0.50
F12	16 Aug 2023	32	11.69	91.52	6.0	33.43	7.9	25.4	0.48
F12	16 Aug 2023	33	11.67	91.69	6.0	33.43	7.9	25.4	0.49
F12	16 Aug 2023	34	11.66	91.84	6.0	33.43	7.9	25.4	0.50
F12	16 Aug 2023	35	11.65	91.94	6.0	33.43	7.9	25.4	0.52
F12	16 Aug 2023	36	11.63	91.97	6.0	33.43	7.9	25.4	0.51
F12	16 Aug 2023	37	11.58	92.17	5.9	33.44	7.9	25.5	0.50
F12	16 Aug 2023	38	11.55	92.07	5.8	33.45	7.9	25.5	0.50
F12	16 Aug 2023	39	11.50	91.94	5.7	33.47	7.9	25.5	0.49
F12	16 Aug 2023	40	11.49	91.68	5.7	33.47	7.9	25.5	0.47
F12	16 Aug 2023	41	11.49	91.43	5.7	33.47	7.9	25.5	0.47

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F12	16 Aug 2023	42	11.49	91.45	5.7	33.47	7.9	25.5	0.47
F12	16 Aug 2023	43	11.49	91.40	5.7	33.47	7.9	25.5	0.46
F12	16 Aug 2023	44	11.49	91.38	5.7	33.47	7.9	25.5	0.46
F12	16 Aug 2023	45	11.48	91.27	5.7	33.47	7.9	25.5	0.45
F12	16 Aug 2023	46	11.49	91.17	5.7	33.47	7.9	25.5	0.48
F12	16 Aug 2023	47	11.48	91.19	5.7	33.47	7.9	25.5	0.47
F12	16 Aug 2023	48	11.48	91.10	5.6	33.47	7.9	25.5	0.45
F12	16 Aug 2023	49	11.48	90.95	5.7	33.47	7.9	25.5	0.45
F12	16 Aug 2023	50	11.47	91.01	5.6	33.47	7.9	25.5	0.44
F12	16 Aug 2023	51	11.45	91.12	5.6	33.48	7.9	25.5	0.43
F12	16 Aug 2023	52	11.44	91.28	5.6	33.48	7.9	25.5	0.43
F12	16 Aug 2023	53	11.43	91.18	5.6	33.48	7.9	25.5	0.42
F12	16 Aug 2023	54	11.43	90.87	5.6	33.48	7.9	25.5	0.42
F12	16 Aug 2023	55	11.43	90.54	5.6	33.48	7.9	25.5	0.42
F12	16 Aug 2023	56	11.43	89.86	5.5	33.48	7.9	25.5	0.41
F12	16 Aug 2023	57	11.43	89.10	5.5	33.48	7.9	25.5	0.39
F12	16 Aug 2023	58	11.42	89.01	5.5	33.49	7.9	25.5	0.39
F12	16 Aug 2023	59	11.42	88.70	5.5	33.49	7.9	25.5	0.38
F12	16 Aug 2023	60	11.41	88.39	5.5	33.49	7.8	25.5	0.38
F12	16 Aug 2023	61	11.41	87.64	5.4	33.49	7.8	25.5	0.39
F12	16 Aug 2023	62	11.41	86.82	5.4	33.49	7.8	25.5	0.38
F13	16 Aug 2023	1	17.72	84.34	8.8	33.34	8.2	24.1	0.43
F13	16 Aug 2023	2	17.59	86.48	8.7	33.34	8.2	24.1	0.46
F13	16 Aug 2023	3	16.29	86.28	8.5	33.31	8.2	24.4	0.73
F13	16 Aug 2023	4	15.15	85.51	8.4	33.30	8.1	24.6	0.98
F13	16 Aug 2023	5	14.69	84.71	8.2	33.27	8.1	24.7	0.94
F13	16 Aug 2023	6	14.10	86.49	8.2	33.29	8.1	24.8	0.91
F13	16 Aug 2023	7	13.94	87.45	8.1	33.26	8.1	24.9	0.93
F13	16 Aug 2023	8	13.59	88.12	8.0	33.27	8.1	24.9	1.05
F13	16 Aug 2023	9	13.45	88.69	8.0	33.28	8.1	25.0	1.29
F13	16 Aug 2023	10	13.34	88.61	7.8	33.28	8.0	25.0	1.56
F13	16 Aug 2023	11	12.93	88.59	7.5	33.28	8.0	25.1	1.35
F13	16 Aug 2023	12	12.77	89.49	7.3	33.29	8.0	25.1	1.08
F13	16 Aug 2023	13	12.73	90.17	7.2	33.30	8.0	25.1	0.94
F13	16 Aug 2023	14	12.64	90.26	7.1	33.31	8.0	25.2	0.82
F13	16 Aug 2023	15	12.54	90.60	7.0	33.32	8.0	25.2	0.77
F13	16 Aug 2023	16	12.52	90.85	7.0	33.32	8.0	25.2	0.77
F13	16 Aug 2023	17	12.48	91.05	7.0	33.33	8.0	25.2	0.76
F13	16 Aug 2023	18	12.46	91.11	6.9	33.33	8.0	25.2	0.77
F13	16 Aug 2023	19	12.43	91.17	6.9	33.33	8.0	25.2	0.78
F13	16 Aug 2023	20	12.40	91.26	6.9	33.33	8.0	25.2	0.75
F13	16 Aug 2023	21	12.38	91.43	6.9	33.33	8.0	25.2	0.76
F13	16 Aug 2023	22	12.34	91.46	6.8	33.33	8.0	25.2	0.79
F13	16 Aug 2023	23	12.21	91.57	6.7	33.34	8.0	25.3	0.75
F13	16 Aug 2023	24	11.98	91.75	6.7	33.34	8.0	25.3	0.77
F13	16 Aug 2023	25	11.88	92.01	6.6	33.36	8.0	25.3	0.77
F13	16 Aug 2023	26	11.84	92.19	6.5	33.37	7.9	25.4	0.75
F13	16 Aug 2023	27	11.81	92.10	6.4	33.38	7.9	25.4	0.69
F13	16 Aug 2023	28	11.80	92.03	6.3	33.39	7.9	25.4	0.69
F13	16 Aug 2023	29	11.81	91.85	6.3	33.39	7.9	25.4	0.66
F13	16 Aug 2023	30	11.80	91.88	6.2	33.40	7.9	25.4	0.61
F13	16 Aug 2023	31	11.77	91.64	6.1	33.41	7.9	25.4	0.57
F13	16 Aug 2023	32	11.77	91.52	6.1	33.41	7.9	25.4	0.56
F13	16 Aug 2023	33	11.74	91.39	6.0	33.42	7.9	25.4	0.51
F13	16 Aug 2023	34	11.72	91.28	6.0	33.42	7.9	25.4	0.49
F13	16 Aug 2023	35	11.70	91.28	6.0	33.43	7.9	25.4	0.48
F13	16 Aug 2023	36	11.63	91.31	6.0	33.44	7.9	25.4	0.49
F13	16 Aug 2023	37	11.59	91.65	5.9	33.44	7.9	25.5	0.53
F13	16 Aug 2023	38	11.57	91.82	5.9	33.44	7.9	25.5	0.48
F13	16 Aug 2023	39	11.55	91.86	5.8	33.45	7.9	25.5	0.47

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F13	16 Aug 2023	40	11.53	91.85	5.8	33.46	7.9	25.5	0.46
F13	16 Aug 2023	41	11.52	91.36	5.7	33.46	7.9	25.5	0.49
F13	16 Aug 2023	42	11.52	91.06	5.7	33.46	7.9	25.5	0.52
F13	16 Aug 2023	43	11.51	90.84	5.7	33.46	7.9	25.5	0.48
F13	16 Aug 2023	44	11.50	90.84	5.7	33.47	7.9	25.5	0.44
F13	16 Aug 2023	45	11.50	90.87	5.6	33.47	7.9	25.5	0.43
F13	16 Aug 2023	46	11.48	90.86	5.6	33.47	7.9	25.5	0.43
F13	16 Aug 2023	47	11.48	90.21	5.6	33.47	7.9	25.5	0.42
F13	16 Aug 2023	48	11.48	88.67	5.5	33.47	7.9	25.5	0.39
F13	16 Aug 2023	49	11.48	88.37	5.5	33.47	7.9	25.5	0.39
F13	16 Aug 2023	50	11.48	88.30	5.5	33.47	7.9	25.5	0.39
F13	16 Aug 2023	51	11.47	87.98	5.5	33.47	7.9	25.5	0.39
F13	16 Aug 2023	52	11.47	87.69	5.5	33.47	7.8	25.5	0.37
F13	16 Aug 2023	53	11.46	87.45	5.5	33.48	7.8	25.5	0.36
F13	16 Aug 2023	54	11.45	87.32	5.5	33.48	7.8	25.5	0.36
F13	16 Aug 2023	55	11.44	86.94	5.4	33.48	7.8	25.5	0.35
F13	16 Aug 2023	56	11.43	86.42	5.4	33.48	7.8	25.5	0.35
F13	16 Aug 2023	57	11.43	86.23	5.4	33.48	7.8	25.5	0.35
F13	16 Aug 2023	58	11.42	86.39	5.4	33.48	7.8	25.5	0.35
F13	16 Aug 2023	59	11.42	86.61	5.4	33.48	7.8	25.5	0.36
F13	16 Aug 2023	60	11.42	86.40	5.4	33.48	7.8	25.5	0.34
F13	16 Aug 2023	61	11.42	85.99	5.4	33.48	7.8	25.5	0.35
F13	16 Aug 2023	62	11.42	85.67	5.4	33.48	7.8	25.5	0.35
F14	16 Aug 2023	1	18.65	82.75	8.6	33.37	8.2	23.9	0.71
F14	16 Aug 2023	2	18.46	82.90	8.6	33.37	8.2	23.9	0.86
F14	16 Aug 2023	3	18.22	82.63	8.6	33.36	8.2	24.0	1.14
F14	16 Aug 2023	4	17.82	82.26	8.5	33.35	8.2	24.1	1.61
F14	16 Aug 2023	5	16.76	81.38	8.3	33.31	8.2	24.3	3.10
F14	16 Aug 2023	6	14.66	78.79	8.4	33.28	8.1	24.7	3.37
F14	16 Aug 2023	7	14.34	84.02	8.2	33.25	8.1	24.8	2.06
F14	16 Aug 2023	8	13.49	87.37	8.0	33.22	8.1	24.9	1.57
F14	16 Aug 2023	9	13.00	88.63	8.0	33.25	8.1	25.0	1.42
F14	16 Aug 2023	10	13.35	89.21	8.0	33.23	8.0	25.0	1.50
F14	16 Aug 2023	11	12.87	89.28	7.6	33.28	8.0	25.1	1.70
F14	16 Aug 2023	12	12.84	88.50	7.4	33.29	8.0	25.1	2.25
F14	16 Aug 2023	13	12.88	86.80	7.3	33.30	8.0	25.1	2.84
F14	16 Aug 2023	14	12.83	85.83	7.2	33.31	8.0	25.1	3.24
F14	16 Aug 2023	15	12.76	85.58	7.0	33.32	8.0	25.1	3.63
F14	16 Aug 2023	16	12.66	85.89	6.9	33.33	8.0	25.2	3.50
F14	16 Aug 2023	17	12.70	88.20	6.9	33.33	8.0	25.2	3.22
F14	16 Aug 2023	18	12.49	89.75	6.7	33.34	8.0	25.2	2.28
F14	16 Aug 2023	19	12.37	90.36	6.7	33.35	8.0	25.2	1.47
F14	16 Aug 2023	20	12.29	90.78	6.6	33.35	8.0	25.3	1.01
F14	16 Aug 2023	21	12.15	91.14	6.6	33.35	8.0	25.3	0.89
F14	16 Aug 2023	22	12.10	91.51	6.7	33.34	8.0	25.3	0.89
F14	16 Aug 2023	23	12.05	91.61	6.7	33.34	8.0	25.3	0.89
F14	16 Aug 2023	24	12.02	91.88	6.7	33.34	8.0	25.3	0.88
F14	16 Aug 2023	25	11.97	91.96	6.6	33.35	8.0	25.3	0.82
F14	16 Aug 2023	26	11.90	92.03	6.5	33.36	7.9	25.3	0.78
F14	16 Aug 2023	27	11.88	92.04	6.5	33.37	7.9	25.3	0.74
F14	16 Aug 2023	28	11.89	92.13	6.4	33.36	7.9	25.3	0.75
F14	16 Aug 2023	29	11.83	92.17	6.3	33.38	7.9	25.4	0.75
F14	16 Aug 2023	30	11.79	92.16	6.3	33.38	7.9	25.4	0.76
F14	16 Aug 2023	31	11.79	92.15	6.3	33.39	7.9	25.4	0.72
F14	16 Aug 2023	32	11.71	92.11	6.1	33.41	7.9	25.4	0.68
F14	16 Aug 2023	33	11.69	92.04	6.0	33.41	7.9	25.4	0.62
F14	16 Aug 2023	34	11.66	91.87	6.0	33.43	7.9	25.4	0.56
F14	16 Aug 2023	35	11.66	91.45	5.9	33.43	7.9	25.4	0.52
F14	16 Aug 2023	36	11.66	91.36	5.9	33.43	7.9	25.4	0.49
F14	16 Aug 2023	37	11.66	91.24	5.8	33.43	7.9	25.4	0.47

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F14	16 Aug 2023	38	11.65	91.14	5.8	33.43	7.9	25.4	0.47
F14	16 Aug 2023	39	11.66	91.13	5.8	33.43	7.9	25.4	0.46
F14	16 Aug 2023	40	11.64	91.04	5.8	33.43	7.9	25.4	0.45
F14	16 Aug 2023	41	11.64	90.92	5.8	33.44	7.9	25.4	0.44
F14	16 Aug 2023	42	11.63	90.99	5.8	33.44	7.9	25.4	0.45
F14	16 Aug 2023	43	11.60	91.06	5.8	33.45	7.9	25.5	0.46
F14	16 Aug 2023	44	11.56	91.03	5.7	33.45	7.9	25.5	0.45
F14	16 Aug 2023	45	11.55	90.75	5.7	33.46	7.9	25.5	0.45
F14	16 Aug 2023	46	11.55	90.45	5.7	33.46	7.9	25.5	0.45
F14	16 Aug 2023	47	11.54	90.12	5.6	33.46	7.9	25.5	0.44
F14	16 Aug 2023	48	11.53	88.54	5.6	33.46	7.9	25.5	0.43
F14	16 Aug 2023	49	11.52	88.64	5.6	33.46	7.9	25.5	0.42
F14	16 Aug 2023	50	11.51	88.81	5.6	33.46	7.9	25.5	0.42
F14	16 Aug 2023	51	11.51	88.49	5.5	33.47	7.9	25.5	0.41
F14	16 Aug 2023	52	11.51	87.89	5.5	33.47	7.8	25.5	0.41
F14	16 Aug 2023	53	11.51	87.65	5.6	33.47	7.8	25.5	0.40
F14	16 Aug 2023	54	11.50	87.68	5.5	33.47	7.8	25.5	0.40
F14	16 Aug 2023	55	11.49	87.72	5.5	33.47	7.8	25.5	0.40
F14	16 Aug 2023	56	11.48	88.00	5.5	33.47	7.8	25.5	0.40
F14	16 Aug 2023	57	11.47	87.96	5.5	33.47	7.8	25.5	0.39
F14	16 Aug 2023	58	11.47	88.06	5.5	33.47	7.8	25.5	0.40
F14	16 Aug 2023	59	11.46	88.30	5.5	33.47	7.8	25.5	0.41
F14	16 Aug 2023	60	11.44	88.14	5.5	33.48	7.8	25.5	0.42
F14	16 Aug 2023	61	11.45	84.50	5.5	33.48	7.8	25.5	0.40
F15	17 Aug 2023	1	18.47	88.87	8.6	33.33	8.2	23.9	0.36
F15	17 Aug 2023	2	18.46	88.98	8.6	33.34	8.2	23.9	0.34
F15	17 Aug 2023	3	18.39	89.17	8.6	33.34	8.2	23.9	0.36
F15	17 Aug 2023	4	18.38	89.27	8.5	33.34	8.2	23.9	0.37
F15	17 Aug 2023	5	18.13	89.34	8.4	33.34	8.2	24.0	0.38
F15	17 Aug 2023	6	16.62	89.37	8.5	33.33	8.2	24.3	0.38
F15	17 Aug 2023	7	15.93	89.64	8.7	33.30	8.2	24.5	0.37
F15	17 Aug 2023	8	15.30	89.85	8.8	33.27	8.2	24.6	0.36
F15	17 Aug 2023	9	14.93	90.36	8.8	33.25	8.2	24.6	0.33
F15	17 Aug 2023	10	14.67	90.58	8.9	33.24	8.2	24.7	0.32
F15	17 Aug 2023	11	14.43	90.66	9.0	33.24	8.2	24.7	0.32
F15	17 Aug 2023	12	14.21	90.31	9.0	33.23	8.2	24.8	0.36
F15	17 Aug 2023	13	14.05	89.73	9.0	33.23	8.2	24.8	0.47
F15	17 Aug 2023	14	13.92	89.22	9.0	33.23	8.2	24.8	0.70
F15	17 Aug 2023	15	13.78	87.92	8.9	33.24	8.1	24.9	1.14
F15	17 Aug 2023	16	13.75	85.44	8.8	33.24	8.1	24.9	1.75
F15	17 Aug 2023	17	13.63	84.94	8.7	33.24	8.1	24.9	2.04
F15	17 Aug 2023	18	13.45	85.77	8.6	33.25	8.1	24.9	2.23
F15	17 Aug 2023	19	13.31	86.86	8.4	33.26	8.1	25.0	2.11
F15	17 Aug 2023	20	13.15	88.22	8.2	33.27	8.1	25.0	1.90
F15	17 Aug 2023	21	13.10	88.96	8.0	33.28	8.1	25.0	1.73
F15	17 Aug 2023	22	13.06	89.29	7.9	33.28	8.1	25.1	1.78
F15	17 Aug 2023	23	12.93	89.32	7.7	33.28	8.1	25.1	1.79
F15	17 Aug 2023	24	12.83	89.62	7.6	33.28	8.1	25.1	1.69
F15	17 Aug 2023	25	12.72	90.30	7.5	33.28	8.0	25.1	1.52
F15	17 Aug 2023	26	12.61	90.82	7.5	33.28	8.0	25.1	1.36
F15	17 Aug 2023	27	12.56	91.21	7.4	33.29	8.0	25.2	1.24
F15	17 Aug 2023	28	12.51	91.50	7.4	33.29	8.0	25.2	1.10
F15	17 Aug 2023	29	12.48	91.59	7.3	33.29	8.0	25.2	1.05
F15	17 Aug 2023	30	12.41	91.79	7.2	33.30	8.0	25.2	1.00
F15	17 Aug 2023	31	12.34	91.88	7.2	33.30	8.0	25.2	0.97
F15	17 Aug 2023	32	12.31	92.03	7.2	33.31	8.0	25.2	0.93
F15	17 Aug 2023	33	12.29	92.06	7.1	33.31	8.0	25.2	0.90
F15	17 Aug 2023	34	12.23	92.12	7.0	33.32	8.0	25.2	0.89
F15	17 Aug 2023	35	12.10	92.26	6.8	33.33	8.0	25.3	0.89
F15	17 Aug 2023	36	12.01	92.37	6.8	33.34	8.0	25.3	0.79

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F15	17 Aug 2023	37	12.00	92.58	6.8	33.35	8.0	25.3	0.68
F15	17 Aug 2023	38	11.96	92.53	6.7	33.35	8.0	25.3	0.66
F15	17 Aug 2023	39	11.95	92.53	6.7	33.35	8.0	25.3	0.66
F15	17 Aug 2023	40	11.94	92.59	6.7	33.35	8.0	25.3	0.72
F15	17 Aug 2023	41	11.93	92.65	6.7	33.35	8.0	25.3	0.64
F15	17 Aug 2023	42	11.85	92.71	6.6	33.36	8.0	25.3	0.61
F15	17 Aug 2023	43	11.75	92.75	6.4	33.38	8.0	25.4	0.57
F15	17 Aug 2023	44	11.63	92.77	6.3	33.41	7.9	25.4	0.56
F15	17 Aug 2023	45	11.58	92.82	6.2	33.42	7.9	25.4	0.54
F15	17 Aug 2023	46	11.56	92.81	6.1	33.43	7.9	25.4	0.47
F15	17 Aug 2023	47	11.54	92.85	6.1	33.43	7.9	25.5	0.47
F15	17 Aug 2023	48	11.52	92.90	6.0	33.44	7.9	25.5	0.46
F15	17 Aug 2023	49	11.47	92.90	6.0	33.45	7.9	25.5	0.44
F15	17 Aug 2023	50	11.40	92.92	5.8	33.46	7.9	25.5	0.44
F15	17 Aug 2023	51	11.33	92.92	5.8	33.48	7.9	25.5	0.42
F15	17 Aug 2023	52	11.32	92.94	5.8	33.48	7.9	25.5	0.39
F15	17 Aug 2023	53	11.31	92.95	5.7	33.48	7.9	25.5	0.38
F15	17 Aug 2023	54	11.29	92.97	5.7	33.49	7.9	25.5	0.37
F15	17 Aug 2023	55	11.28	92.87	5.6	33.49	7.9	25.6	0.36
F15	17 Aug 2023	56	11.27	92.98	5.6	33.50	7.9	25.6	0.34
F15	17 Aug 2023	57	11.27	92.98	5.6	33.50	7.9	25.6	0.34
F15	17 Aug 2023	58	11.25	92.97	5.5	33.50	7.9	25.6	0.33
F15	17 Aug 2023	59	11.20	93.00	5.4	33.53	7.9	25.6	0.32
F15	17 Aug 2023	60	11.19	93.04	5.3	33.54	7.9	25.6	0.30
F15	17 Aug 2023	61	11.17	93.04	5.2	33.56	7.8	25.6	0.28
F15	17 Aug 2023	62	11.15	92.99	5.1	33.57	7.8	25.6	0.28
F15	17 Aug 2023	63	11.14	92.68	5.1	33.57	7.8	25.6	0.28
F15	17 Aug 2023	64	11.13	92.50	5.0	33.58	7.8	25.6	0.28
F15	17 Aug 2023	65	11.11	92.32	5.0	33.58	7.8	25.7	0.28
F15	17 Aug 2023	66	11.10	92.31	5.0	33.59	7.8	25.7	0.26
F15	17 Aug 2023	67	11.09	92.40	5.0	33.59	7.8	25.7	0.26
F15	17 Aug 2023	68	11.06	92.25	4.9	33.60	7.8	25.7	0.25
F15	17 Aug 2023	69	11.03	92.49	4.9	33.61	7.8	25.7	0.24
F15	17 Aug 2023	70	11.01	92.74	4.9	33.61	7.8	25.7	0.23
F15	17 Aug 2023	71	10.97	92.73	4.8	33.63	7.8	25.7	0.22
F15	17 Aug 2023	72	10.96	92.45	4.7	33.64	7.8	25.7	0.22
F15	17 Aug 2023	73	10.95	92.36	4.6	33.65	7.8	25.7	0.21
F15	17 Aug 2023	74	10.94	92.25	4.6	33.65	7.8	25.7	0.21
F15	17 Aug 2023	75	10.94	91.45	4.6	33.66	7.8	25.7	0.21
F15	17 Aug 2023	76	10.94	91.27	4.5	33.66	7.8	25.7	0.21
F15	17 Aug 2023	77	10.94	90.58	4.5	33.66	7.8	25.7	0.21
F15	17 Aug 2023	78	10.94	90.11	4.5	33.66	7.8	25.7	0.21
F15	17 Aug 2023	79	10.94	89.88	4.5	33.66	7.8	25.7	0.20
F15	17 Aug 2023	80	10.94	89.85	4.5	33.66	7.8	25.7	0.20
F15	17 Aug 2023	81	10.94	89.68	4.5	33.66	7.8	25.7	0.22
F15	17 Aug 2023	82	10.94	89.39	4.4	33.66	7.8	25.7	0.21
F16	17 Aug 2023	1	18.35	88.58	8.5	33.34	8.2	23.9	0.44
F16	17 Aug 2023	2	18.32	88.94	8.5	33.34	8.2	23.9	0.44
F16	17 Aug 2023	3	17.99	89.13	8.5	33.34	8.2	24.0	0.45
F16	17 Aug 2023	4	17.64	89.24	8.5	33.34	8.2	24.1	0.45
F16	17 Aug 2023	5	17.25	89.40	8.5	33.32	8.2	24.2	0.44
F16	17 Aug 2023	6	16.52	89.25	8.7	33.31	8.2	24.3	0.47
F16	17 Aug 2023	7	16.29	89.54	8.6	33.29	8.2	24.4	0.52
F16	17 Aug 2023	8	15.18	89.71	8.7	33.28	8.2	24.6	0.50
F16	17 Aug 2023	9	14.82	89.81	8.8	33.26	8.2	24.7	0.52
F16	17 Aug 2023	10	14.60	89.48	8.9	33.25	8.2	24.7	0.56
F16	17 Aug 2023	11	14.32	89.28	9.0	33.24	8.2	24.8	0.64
F16	17 Aug 2023	12	14.17	89.63	9.1	33.23	8.2	24.8	0.64
F16	17 Aug 2023	13	14.10	89.26	9.0	33.23	8.2	24.8	0.64
F16	17 Aug 2023	14	13.77	86.68	8.8	33.24	8.1	24.9	0.94

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F16	17 Aug 2023	15	13.71	85.17	8.8	33.24	8.1	24.9	1.56
F16	17 Aug 2023	16	13.69	85.55	8.8	33.24	8.1	24.9	2.09
F16	17 Aug 2023	17	13.50	86.20	8.6	33.25	8.1	24.9	2.27
F16	17 Aug 2023	18	13.24	87.34	8.3	33.26	8.1	25.0	2.19
F16	17 Aug 2023	19	13.10	88.22	8.1	33.27	8.1	25.0	2.13
F16	17 Aug 2023	20	13.08	89.11	8.0	33.27	8.1	25.0	1.97
F16	17 Aug 2023	21	12.94	89.64	7.8	33.29	8.1	25.1	1.81
F16	17 Aug 2023	22	12.81	90.16	7.6	33.29	8.0	25.1	1.66
F16	17 Aug 2023	23	12.74	90.73	7.5	33.29	8.0	25.1	1.48
F16	17 Aug 2023	24	12.57	91.19	7.5	33.29	8.0	25.1	1.33
F16	17 Aug 2023	25	12.53	91.57	7.4	33.29	8.0	25.2	1.17
F16	17 Aug 2023	26	12.42	91.83	7.2	33.30	8.0	25.2	1.12
F16	17 Aug 2023	27	12.31	92.02	7.1	33.32	8.0	25.2	0.99
F16	17 Aug 2023	28	12.28	92.10	7.0	33.32	8.0	25.2	0.93
F16	17 Aug 2023	29	12.27	92.19	7.0	33.32	8.0	25.2	0.86
F16	17 Aug 2023	30	12.22	92.21	6.9	33.33	8.0	25.2	0.86
F16	17 Aug 2023	31	12.17	92.38	6.9	33.34	8.0	25.3	0.79
F16	17 Aug 2023	32	12.04	92.41	6.7	33.35	8.0	25.3	0.74
F16	17 Aug 2023	33	11.98	92.53	6.7	33.35	8.0	25.3	0.77
F16	17 Aug 2023	34	11.98	92.56	6.7	33.35	8.0	25.3	0.65
F16	17 Aug 2023	35	11.97	92.60	6.7	33.35	8.0	25.3	0.67
F16	17 Aug 2023	36	11.96	92.60	6.7	33.35	8.0	25.3	0.65
F16	17 Aug 2023	37	11.96	92.62	6.7	33.35	8.0	25.3	0.66
F16	17 Aug 2023	38	11.95	92.61	6.6	33.35	8.0	25.3	0.63
F16	17 Aug 2023	39	11.88	92.61	6.6	33.35	8.0	25.3	0.62
F16	17 Aug 2023	40	11.83	92.73	6.5	33.36	8.0	25.3	0.60
F16	17 Aug 2023	41	11.77	92.77	6.4	33.38	7.9	25.4	0.58
F16	17 Aug 2023	42	11.68	92.74	6.3	33.41	7.9	25.4	0.59
F16	17 Aug 2023	43	11.64	92.77	6.2	33.41	7.9	25.4	0.59
F16	17 Aug 2023	44	11.60	92.78	6.1	33.42	7.9	25.4	0.52
F16	17 Aug 2023	45	11.58	92.82	6.1	33.43	7.9	25.4	0.49
F16	17 Aug 2023	46	11.58	92.81	6.1	33.43	7.9	25.4	0.54
F16	17 Aug 2023	47	11.55	92.80	6.0	33.44	7.9	25.5	0.47
F16	17 Aug 2023	48	11.52	92.78	5.9	33.45	7.9	25.5	0.45
F16	17 Aug 2023	49	11.50	92.71	5.9	33.46	7.9	25.5	0.47
F16	17 Aug 2023	50	11.49	92.65	5.8	33.46	7.9	25.5	0.45
F16	17 Aug 2023	51	11.48	92.58	5.8	33.46	7.9	25.5	0.44
F16	17 Aug 2023	52	11.48	92.50	5.8	33.46	7.9	25.5	0.43
F16	17 Aug 2023	53	11.47	92.70	5.8	33.46	7.9	25.5	0.43
F16	17 Aug 2023	54	11.48	92.76	5.8	33.47	7.9	25.5	0.42
F16	17 Aug 2023	55	11.47	92.75	5.8	33.47	7.9	25.5	0.41
F16	17 Aug 2023	56	11.47	92.73	5.8	33.47	7.9	25.5	0.42
F16	17 Aug 2023	57	11.46	92.71	5.7	33.47	7.9	25.5	0.42
F16	17 Aug 2023	58	11.43	92.75	5.6	33.49	7.9	25.5	0.41
F16	17 Aug 2023	59	11.37	92.66	5.6	33.50	7.9	25.5	0.40
F16	17 Aug 2023	60	11.35	92.78	5.5	33.50	7.9	25.5	0.39
F16	17 Aug 2023	61	11.34	92.86	5.6	33.50	7.9	25.5	0.37
F16	17 Aug 2023	62	11.33	92.93	5.5	33.50	7.9	25.5	0.36
F16	17 Aug 2023	63	11.26	92.92	5.4	33.52	7.9	25.6	0.36
F16	17 Aug 2023	64	11.23	92.87	5.3	33.54	7.8	25.6	0.34
F16	17 Aug 2023	65	11.21	92.89	5.3	33.54	7.8	25.6	0.32
F16	17 Aug 2023	66	11.19	92.93	5.2	33.55	7.8	25.6	0.31
F16	17 Aug 2023	67	11.18	92.88	5.2	33.56	7.8	25.6	0.29
F16	17 Aug 2023	68	11.15	92.88	5.1	33.57	7.8	25.6	0.29
F16	17 Aug 2023	69	11.12	92.73	5.0	33.58	7.8	25.7	0.29
F16	17 Aug 2023	70	11.08	92.51	4.9	33.60	7.8	25.7	0.27
F16	17 Aug 2023	71	11.05	92.23	4.8	33.61	7.8	25.7	0.26
F16	17 Aug 2023	72	10.98	92.03	4.7	33.64	7.8	25.7	0.24
F16	17 Aug 2023	73	10.97	91.35	4.6	33.65	7.8	25.7	0.23
F16	17 Aug 2023	74	10.96	91.04	4.5	33.66	7.8	25.7	0.22
F16	17 Aug 2023	75	10.96	90.26	4.5	33.66	7.8	25.7	0.22

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F16	17 Aug 2023	76	10.96	90.01	4.5	33.66	7.8	25.7	0.21
F16	17 Aug 2023	77	10.95	89.82	4.5	33.66	7.8	25.7	0.21
F16	17 Aug 2023	78	10.95	89.10	4.4	33.66	7.8	25.7	0.21
F16	17 Aug 2023	79	10.94	88.29	4.4	33.67	7.8	25.7	0.21
F16	17 Aug 2023	80	10.94	87.87	4.4	33.67	7.8	25.8	0.21
F16	17 Aug 2023	81	10.94	87.54	4.4	33.67	7.8	25.8	0.21
F16	17 Aug 2023	82	10.93	87.33	4.4	33.68	7.8	25.8	0.20
F16	17 Aug 2023	83	10.94	86.94	4.3	33.67	7.8	25.8	0.21
F17	17 Aug 2023	1	17.35	84.54	8.6	33.32	8.2	24.1	0.68
F17	17 Aug 2023	2	17.31	84.59	8.6	33.32	8.2	24.2	0.70
F17	17 Aug 2023	3	17.10	84.69	8.6	33.32	8.2	24.2	0.71
F17	17 Aug 2023	4	16.70	85.27	8.6	33.31	8.2	24.3	0.70
F17	17 Aug 2023	5	15.90	86.39	8.7	33.29	8.2	24.5	0.66
F17	17 Aug 2023	6	15.37	87.80	8.9	33.28	8.2	24.6	0.63
F17	17 Aug 2023	7	15.43	88.49	8.9	33.27	8.2	24.5	0.65
F17	17 Aug 2023	8	15.14	88.63	8.9	33.27	8.2	24.6	0.68
F17	17 Aug 2023	9	15.06	88.69	9.0	33.27	8.2	24.6	0.70
F17	17 Aug 2023	10	15.01	88.80	8.9	33.27	8.2	24.6	0.72
F17	17 Aug 2023	11	14.58	89.05	8.9	33.27	8.1	24.7	0.75
F17	17 Aug 2023	12	14.41	89.81	8.9	33.26	8.1	24.8	0.72
F17	17 Aug 2023	13	14.32	90.13	8.9	33.26	8.1	24.8	0.67
F17	17 Aug 2023	14	13.87	90.14	8.9	33.25	8.1	24.9	0.69
F17	17 Aug 2023	15	13.80	89.67	8.9	33.24	8.1	24.9	0.87
F17	17 Aug 2023	16	13.77	88.34	8.9	33.24	8.1	24.9	1.18
F17	17 Aug 2023	17	13.62	87.21	8.7	33.24	8.1	24.9	1.58
F17	17 Aug 2023	18	13.40	86.77	8.5	33.24	8.1	24.9	1.90
F17	17 Aug 2023	19	13.27	87.57	8.4	33.24	8.1	25.0	1.93
F17	17 Aug 2023	20	13.16	88.22	8.2	33.27	8.1	25.0	1.90
F17	17 Aug 2023	21	13.04	88.49	8.0	33.27	8.1	25.0	1.95
F17	17 Aug 2023	22	12.98	89.08	7.9	33.28	8.1	25.1	1.91
F17	17 Aug 2023	23	12.87	89.59	7.7	33.28	8.1	25.1	1.92
F17	17 Aug 2023	24	12.66	90.24	7.5	33.29	8.0	25.1	1.55
F17	17 Aug 2023	25	12.44	91.10	7.4	33.29	8.0	25.2	1.30
F17	17 Aug 2023	26	12.42	91.67	7.2	33.29	8.0	25.2	1.08
F17	17 Aug 2023	27	12.26	91.82	7.1	33.31	8.0	25.2	1.02
F17	17 Aug 2023	28	12.22	92.02	7.0	33.31	8.0	25.2	0.90
F17	17 Aug 2023	29	12.18	92.17	7.0	33.32	8.0	25.3	0.85
F17	17 Aug 2023	30	12.16	92.23	6.9	33.33	8.0	25.3	0.79
F17	17 Aug 2023	31	12.16	92.22	6.9	33.33	8.0	25.3	0.76
F17	17 Aug 2023	32	12.15	92.28	6.9	33.33	8.0	25.3	0.79
F17	17 Aug 2023	33	12.06	92.29	6.8	33.34	8.0	25.3	0.73
F17	17 Aug 2023	34	12.01	92.35	6.8	33.34	8.0	25.3	0.69
F17	17 Aug 2023	35	12.00	92.52	6.7	33.34	8.0	25.3	0.77
F17	17 Aug 2023	36	11.98	92.49	6.6	33.35	8.0	25.3	0.74
F17	17 Aug 2023	37	11.93	92.37	6.6	33.36	8.0	25.3	0.67
F17	17 Aug 2023	38	11.87	92.29	6.5	33.37	8.0	25.3	0.67
F17	17 Aug 2023	39	11.81	92.32	6.3	33.38	7.9	25.4	0.65
F17	17 Aug 2023	40	11.74	92.44	6.3	33.39	7.9	25.4	0.59
F17	17 Aug 2023	41	11.72	92.64	6.2	33.40	7.9	25.4	0.55
F17	17 Aug 2023	42	11.58	92.72	6.1	33.43	7.9	25.4	0.51
F17	17 Aug 2023	43	11.51	92.75	6.0	33.44	7.9	25.5	0.48
F17	17 Aug 2023	44	11.47	92.80	5.9	33.45	7.9	25.5	0.46
F17	17 Aug 2023	45	11.47	92.78	5.9	33.45	7.9	25.5	0.45
F17	17 Aug 2023	46	11.46	92.80	5.9	33.45	7.9	25.5	0.42
F17	17 Aug 2023	47	11.44	92.78	5.8	33.46	7.9	25.5	0.41
F17	17 Aug 2023	48	11.39	92.81	5.8	33.48	7.9	25.5	0.39
F17	17 Aug 2023	49	11.37	92.74	5.7	33.48	7.9	25.5	0.38
F17	17 Aug 2023	50	11.36	92.85	5.7	33.49	7.9	25.5	0.38
F17	17 Aug 2023	51	11.34	92.83	5.6	33.49	7.9	25.5	0.37
F17	17 Aug 2023	52	11.33	92.84	5.6	33.50	7.9	25.5	0.37

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F17	17 Aug 2023	53	11.32	92.85	5.6	33.50	7.9	25.5	0.35
F17	17 Aug 2023	54	11.31	92.87	5.5	33.51	7.9	25.6	0.35
F17	17 Aug 2023	55	11.29	92.86	5.5	33.51	7.9	25.6	0.35
F17	17 Aug 2023	56	11.29	92.84	5.5	33.51	7.9	25.6	0.34
F17	17 Aug 2023	57	11.26	92.79	5.4	33.53	7.9	25.6	0.33
F17	17 Aug 2023	58	11.22	92.63	5.3	33.55	7.8	25.6	0.31
F17	17 Aug 2023	59	11.20	92.33	5.2	33.55	7.8	25.6	0.30
F17	17 Aug 2023	60	11.19	92.19	5.2	33.56	7.8	25.6	0.31
F17	17 Aug 2023	61	11.18	92.22	5.2	33.56	7.8	25.6	0.29
F17	17 Aug 2023	62	11.17	92.33	5.1	33.56	7.8	25.6	0.29
F17	17 Aug 2023	63	11.17	92.33	5.1	33.57	7.8	25.6	0.28
F17	17 Aug 2023	64	11.15	92.21	5.1	33.57	7.8	25.6	0.28
F17	17 Aug 2023	65	11.14	91.94	5.0	33.58	7.8	25.6	0.29
F17	17 Aug 2023	66	11.11	91.38	4.9	33.59	7.8	25.7	0.26
F17	17 Aug 2023	67	11.10	90.93	4.9	33.59	7.8	25.7	0.26
F17	17 Aug 2023	68	11.09	90.87	4.9	33.60	7.8	25.7	0.25
F17	17 Aug 2023	69	11.08	90.89	4.8	33.60	7.8	25.7	0.25
F17	17 Aug 2023	70	11.07	90.83	4.8	33.60	7.8	25.7	0.23
F17	17 Aug 2023	71	11.06	90.80	4.8	33.61	7.8	25.7	0.23
F17	17 Aug 2023	72	11.05	90.69	4.8	33.61	7.8	25.7	0.24
F17	17 Aug 2023	73	11.04	90.50	4.7	33.62	7.8	25.7	0.22
F17	17 Aug 2023	74	11.02	90.22	4.7	33.63	7.8	25.7	0.22
F17	17 Aug 2023	75	11.00	89.78	4.6	33.63	7.8	25.7	0.22
F17	17 Aug 2023	76	10.99	89.83	4.6	33.64	7.8	25.7	0.21
F17	17 Aug 2023	77	10.99	89.90	4.6	33.64	7.8	25.7	0.20
F17	17 Aug 2023	78	10.99	89.81	4.6	33.64	7.8	25.7	0.20
F17	17 Aug 2023	79	10.97	89.76	4.5	33.65	7.8	25.7	0.20
F17	17 Aug 2023	80	10.94	89.33	4.4	33.67	7.8	25.8	0.20
F17	17 Aug 2023	81	10.93	88.11	4.3	33.68	7.8	25.8	0.19
F17	17 Aug 2023	82	10.92	87.12	4.3	33.68	7.8	25.8	0.19
F17	17 Aug 2023	83	10.93	86.91	4.3	33.68	7.8	25.8	0.18
F18	17 Aug 2023	1	17.37	83.36	8.6	33.34	8.2	24.2	0.68
F18	17 Aug 2023	2	17.37	83.38	8.6	33.34	8.2	24.2	0.69
F18	17 Aug 2023	3	17.35	83.72	8.6	33.34	8.2	24.2	0.75
F18	17 Aug 2023	4	17.28	83.82	8.6	33.34	8.2	24.2	0.86
F18	17 Aug 2023	5	17.17	83.78	8.6	33.34	8.2	24.2	0.94
F18	17 Aug 2023	6	17.08	83.89	8.6	33.34	8.2	24.2	1.01
F18	17 Aug 2023	7	16.79	84.15	8.6	33.33	8.2	24.3	1.05
F18	17 Aug 2023	8	15.92	85.19	8.8	33.31	8.2	24.5	0.92
F18	17 Aug 2023	9	15.64	87.29	8.9	33.29	8.2	24.5	0.86
F18	17 Aug 2023	10	15.06	87.77	9.0	33.26	8.2	24.6	0.80
F18	17 Aug 2023	11	14.86	89.54	9.1	33.26	8.2	24.7	0.67
F18	17 Aug 2023	12	14.52	90.30	8.9	33.26	8.2	24.7	0.65
F18	17 Aug 2023	13	14.08	90.32	8.9	33.26	8.1	24.8	0.78
F18	17 Aug 2023	14	14.03	88.90	8.8	33.24	8.1	24.8	0.96
F18	17 Aug 2023	15	13.45	87.40	8.6	33.26	8.1	25.0	1.42
F18	17 Aug 2023	16	13.36	87.92	8.3	33.27	8.1	25.0	1.68
F18	17 Aug 2023	17	13.23	88.65	8.0	33.28	8.1	25.0	1.78
F18	17 Aug 2023	18	13.20	89.07	7.9	33.29	8.1	25.0	1.77
F18	17 Aug 2023	19	13.18	89.14	7.8	33.29	8.1	25.0	1.75
F18	17 Aug 2023	20	13.05	89.19	7.7	33.30	8.0	25.1	1.84
F18	17 Aug 2023	21	12.98	89.75	7.6	33.30	8.0	25.1	1.77
F18	17 Aug 2023	22	12.86	90.22	7.6	33.29	8.0	25.1	1.50
F18	17 Aug 2023	23	12.84	90.78	7.5	33.29	8.0	25.1	1.36
F18	17 Aug 2023	24	12.60	90.78	7.4	33.28	8.0	25.1	1.20
F18	17 Aug 2023	25	12.42	91.28	7.2	33.30	8.0	25.2	1.09
F18	17 Aug 2023	26	12.25	91.75	7.1	33.32	8.0	25.2	0.94
F18	17 Aug 2023	27	12.20	92.06	6.9	33.33	8.0	25.2	0.91
F18	17 Aug 2023	28	12.12	91.92	6.8	33.34	8.0	25.3	0.85
F18	17 Aug 2023	29	12.11	91.70	6.8	33.34	8.0	25.3	0.92

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F18	17 Aug 2023	30	12.12	91.72	6.8	33.34	8.0	25.3	0.85
F18	17 Aug 2023	31	12.09	91.80	6.7	33.34	8.0	25.3	0.81
F18	17 Aug 2023	32	12.05	91.74	6.6	33.35	8.0	25.3	0.83
F18	17 Aug 2023	33	11.99	91.88	6.6	33.35	8.0	25.3	0.75
F18	17 Aug 2023	34	12.01	92.16	6.6	33.35	8.0	25.3	0.72
F18	17 Aug 2023	35	11.96	92.34	6.6	33.35	8.0	25.3	0.70
F18	17 Aug 2023	36	11.93	92.47	6.6	33.35	8.0	25.3	0.66
F18	17 Aug 2023	37	11.92	92.60	6.6	33.36	8.0	25.3	0.61
F18	17 Aug 2023	38	11.86	92.63	6.5	33.36	8.0	25.3	0.59
F18	17 Aug 2023	39	11.83	92.64	6.5	33.37	8.0	25.4	0.57
F18	17 Aug 2023	40	11.83	92.66	6.5	33.37	7.9	25.4	0.56
F18	17 Aug 2023	41	11.78	92.69	6.4	33.38	7.9	25.4	0.54
F18	17 Aug 2023	42	11.75	92.73	6.3	33.39	7.9	25.4	0.54
F18	17 Aug 2023	43	11.60	92.76	6.1	33.41	7.9	25.4	0.50
F18	17 Aug 2023	44	11.46	92.80	6.0	33.45	7.9	25.5	0.46
F18	17 Aug 2023	45	11.44	92.85	5.9	33.46	7.9	25.5	0.42
F18	17 Aug 2023	46	11.44	92.81	5.8	33.46	7.9	25.5	0.41
F18	17 Aug 2023	47	11.42	92.81	5.8	33.48	7.9	25.5	0.40
F18	17 Aug 2023	48	11.40	92.88	5.7	33.49	7.9	25.5	0.39
F18	17 Aug 2023	49	11.38	92.86	5.6	33.50	7.9	25.5	0.37
F18	17 Aug 2023	50	11.38	92.83	5.6	33.50	7.9	25.5	0.37
F18	17 Aug 2023	51	11.36	92.82	5.5	33.51	7.9	25.5	0.36
F18	17 Aug 2023	52	11.32	92.79	5.4	33.52	7.9	25.6	0.35
F18	17 Aug 2023	53	11.30	92.51	5.3	33.53	7.8	25.6	0.35
F18	17 Aug 2023	54	11.28	91.78	5.3	33.54	7.8	25.6	0.34
F18	17 Aug 2023	55	11.26	91.52	5.2	33.54	7.8	25.6	0.34
F18	17 Aug 2023	56	11.26	91.09	5.2	33.54	7.8	25.6	0.35
F18	17 Aug 2023	57	11.20	90.76	5.1	33.56	7.8	25.6	0.33
F18	17 Aug 2023	58	11.18	90.21	5.1	33.56	7.8	25.6	0.30
F18	17 Aug 2023	59	11.17	90.60	5.0	33.57	7.8	25.6	0.29
F18	17 Aug 2023	60	11.16	90.94	5.0	33.57	7.8	25.6	0.27
F18	17 Aug 2023	61	11.16	91.03	5.1	33.57	7.8	25.6	0.27
F18	17 Aug 2023	62	11.15	90.99	5.0	33.57	7.8	25.6	0.26
F18	17 Aug 2023	63	11.14	91.05	5.0	33.57	7.8	25.6	0.26
F18	17 Aug 2023	64	11.09	91.14	4.9	33.58	7.8	25.7	0.24
F18	17 Aug 2023	65	11.10	91.39	4.9	33.58	7.8	25.7	0.23
F18	17 Aug 2023	66	11.05	91.27	4.8	33.60	7.8	25.7	0.21
F18	17 Aug 2023	67	11.02	91.07	4.6	33.61	7.8	25.7	0.20
F18	17 Aug 2023	68	10.99	91.47	4.6	33.62	7.8	25.7	0.18
F18	17 Aug 2023	69	10.98	91.58	4.6	33.62	7.8	25.7	0.17
F18	17 Aug 2023	70	10.95	90.36	4.5	33.65	7.8	25.7	0.17
F18	17 Aug 2023	71	10.92	90.83	4.4	33.66	7.8	25.7	0.17
F18	17 Aug 2023	72	10.90	90.91	4.3	33.67	7.8	25.8	0.17
F18	17 Aug 2023	73	10.89	88.88	4.2	33.68	7.8	25.8	0.16
F18	17 Aug 2023	74	10.88	87.23	4.2	33.68	7.8	25.8	0.16
F18	17 Aug 2023	75	10.88	86.86	4.2	33.68	7.8	25.8	0.16
F18	17 Aug 2023	76	10.88	86.79	4.2	33.68	7.8	25.8	0.16
F18	17 Aug 2023	77	10.88	86.70	4.2	33.68	7.8	25.8	0.17
F18	17 Aug 2023	78	10.88	86.79	4.2	33.68	7.8	25.8	0.17
F18	17 Aug 2023	79	10.88	87.08	4.2	33.68	7.8	25.8	0.16
F18	17 Aug 2023	80	10.88	87.09	4.2	33.68	7.8	25.8	0.16
F18	17 Aug 2023	81	10.88	86.87	4.2	33.68	7.8	25.8	0.16
F18	17 Aug 2023	82	10.88	86.36	4.2	33.68	7.8	25.8	0.17
F18	17 Aug 2023	83	10.88	NA	4.2	33.68	7.8	25.8	0.16
F19	17 Aug 2023	1	18.12	87.81	8.5	33.31	8.2	23.9	0.46
F19	17 Aug 2023	2	17.95	88.02	8.5	33.33	8.2	24.0	0.50
F19	17 Aug 2023	3	17.77	87.09	8.4	33.33	8.2	24.1	0.59
F19	17 Aug 2023	4	16.33	86.16	8.5	33.35	8.2	24.4	0.65
F19	17 Aug 2023	5	15.78	87.73	8.7	33.29	8.2	24.5	0.59
F19	17 Aug 2023	6	15.67	89.70	8.8	33.28	8.2	24.5	0.53

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F19	17 Aug 2023	7	15.06	90.30	8.8	33.27	8.2	24.6	0.47
F19	17 Aug 2023	8	14.62	90.44	8.8	33.26	8.2	24.7	0.46
F19	17 Aug 2023	9	14.51	90.58	8.8	33.25	8.1	24.7	0.47
F19	17 Aug 2023	10	14.07	90.41	8.9	33.24	8.1	24.8	0.53
F19	17 Aug 2023	11	14.01	90.50	8.9	33.24	8.1	24.8	0.61
F19	17 Aug 2023	12	13.78	90.48	8.9	33.25	8.1	24.9	0.58
F19	17 Aug 2023	13	13.77	90.19	8.9	33.25	8.1	24.9	0.60
F19	17 Aug 2023	14	13.72	90.17	8.8	33.25	8.1	24.9	0.68
F19	17 Aug 2023	15	13.72	89.70	8.8	33.25	8.1	24.9	0.82
F19	17 Aug 2023	16	13.59	89.47	8.7	33.26	8.1	24.9	0.94
F19	17 Aug 2023	17	13.32	88.63	8.5	33.27	8.1	25.0	1.20
F19	17 Aug 2023	18	13.20	87.90	8.4	33.27	8.1	25.0	1.55
F19	17 Aug 2023	19	13.11	88.00	8.2	33.27	8.1	25.0	1.85
F19	17 Aug 2023	20	12.94	88.88	7.9	33.28	8.1	25.1	1.92
F19	17 Aug 2023	21	12.80	89.24	7.6	33.30	8.0	25.1	1.85
F19	17 Aug 2023	22	12.77	89.98	7.4	33.30	8.0	25.1	1.69
F19	17 Aug 2023	23	12.75	90.52	7.3	33.31	8.0	25.1	1.48
F19	17 Aug 2023	24	12.68	90.62	7.2	33.31	8.0	25.1	1.48
F19	17 Aug 2023	25	12.62	90.85	7.1	33.32	8.0	25.2	1.24
F19	17 Aug 2023	26	12.56	91.04	7.0	33.32	8.0	25.2	1.11
F19	17 Aug 2023	27	12.45	91.16	6.9	33.33	8.0	25.2	1.10
F19	17 Aug 2023	28	12.41	91.21	6.9	33.33	8.0	25.2	1.02
F19	17 Aug 2023	29	12.35	91.31	6.8	33.33	8.0	25.2	0.98
F19	17 Aug 2023	30	12.31	91.51	6.9	33.33	8.0	25.2	0.96
F19	17 Aug 2023	31	12.27	91.62	6.9	33.32	8.0	25.2	0.92
F19	17 Aug 2023	32	12.25	91.87	6.9	33.32	8.0	25.2	0.88
F19	17 Aug 2023	33	12.24	91.83	7.0	33.32	8.0	25.2	0.97
F19	17 Aug 2023	34	12.22	91.97	7.0	33.31	8.0	25.2	0.85
F19	17 Aug 2023	35	12.19	92.12	6.9	33.32	8.0	25.2	0.89
F19	17 Aug 2023	36	12.11	92.19	6.8	33.33	8.0	25.3	0.84
F19	17 Aug 2023	37	12.09	92.33	6.8	33.33	8.0	25.3	0.74
F19	17 Aug 2023	38	11.98	92.34	6.7	33.35	8.0	25.3	0.73
F19	17 Aug 2023	39	11.91	92.49	6.6	33.36	8.0	25.3	0.69
F19	17 Aug 2023	40	11.90	92.55	6.6	33.36	8.0	25.3	0.65
F19	17 Aug 2023	41	11.88	92.48	6.5	33.37	8.0	25.3	0.63
F19	17 Aug 2023	42	11.87	92.47	6.5	33.37	8.0	25.3	0.62
F19	17 Aug 2023	43	11.82	92.59	6.4	33.38	7.9	25.4	0.61
F19	17 Aug 2023	44	11.77	92.61	6.4	33.39	7.9	25.4	0.60
F19	17 Aug 2023	45	11.73	92.62	6.3	33.39	7.9	25.4	0.56
F19	17 Aug 2023	46	11.68	92.65	6.2	33.41	7.9	25.4	0.54
F19	17 Aug 2023	47	11.65	92.61	6.2	33.41	7.9	25.4	0.52
F19	17 Aug 2023	48	11.60	92.52	6.1	33.42	7.9	25.4	0.51
F19	17 Aug 2023	49	11.57	92.55	6.0	33.43	7.9	25.5	0.48
F19	17 Aug 2023	50	11.59	92.58	6.0	33.43	7.9	25.4	0.48
F19	17 Aug 2023	51	11.51	92.37	5.8	33.45	7.9	25.5	0.46
F19	17 Aug 2023	52	11.47	92.09	5.7	33.47	7.9	25.5	0.44
F19	17 Aug 2023	53	11.46	91.94	5.7	33.48	7.9	25.5	0.43
F19	17 Aug 2023	54	11.42	91.93	5.6	33.49	7.9	25.5	0.41
F19	17 Aug 2023	55	11.37	92.12	5.5	33.50	7.9	25.5	0.39
F19	17 Aug 2023	56	11.35	92.40	5.5	33.51	7.9	25.5	0.37
F19	17 Aug 2023	57	11.32	92.55	5.5	33.51	7.9	25.6	0.35
F19	17 Aug 2023	58	11.31	92.82	5.5	33.51	7.9	25.6	0.33
F19	17 Aug 2023	59	11.31	92.82	5.5	33.52	7.9	25.6	0.33
F19	17 Aug 2023	60	11.27	92.78	5.3	33.53	7.9	25.6	0.32
F19	17 Aug 2023	61	11.23	92.23	5.2	33.54	7.8	25.6	0.31
F19	17 Aug 2023	62	11.18	91.31	5.1	33.55	7.8	25.6	0.28
F19	17 Aug 2023	63	11.18	91.10	5.0	33.55	7.8	25.6	0.25
F19	17 Aug 2023	64	11.11	91.13	4.8	33.55	7.8	25.6	0.23
F19	17 Aug 2023	65	11.03	90.90	4.6	33.56	7.8	25.6	0.20
F19	17 Aug 2023	66	11.00	89.91	4.5	33.57	7.8	25.7	0.18
F19	17 Aug 2023	67	11.01	89.85	4.5	33.58	7.8	25.7	0.17

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F19	17 Aug 2023	68	11.01	90.39	4.6	33.58	7.8	25.7	0.16
F19	17 Aug 2023	69	10.99	91.27	4.6	33.59	7.8	25.7	0.17
F19	17 Aug 2023	70	10.96	91.53	4.5	33.60	7.8	25.7	0.17
F19	17 Aug 2023	71	10.92	91.35	4.4	33.62	7.8	25.7	0.15
F19	17 Aug 2023	72	10.88	91.36	4.4	33.65	7.8	25.7	0.16
F19	17 Aug 2023	73	10.87	91.47	4.3	33.66	7.8	25.8	0.15
F19	17 Aug 2023	74	10.85	91.46	4.2	33.69	7.8	25.8	0.14
F19	17 Aug 2023	75	10.81	90.99	4.1	33.72	7.8	25.8	0.14
F19	17 Aug 2023	76	10.81	90.07	4.0	33.72	7.8	25.8	0.14
F19	17 Aug 2023	77	10.81	89.70	4.0	33.73	7.8	25.8	0.14
F19	17 Aug 2023	78	10.81	89.50	4.0	33.73	7.8	25.8	0.15
F19	17 Aug 2023	79	10.80	89.25	4.0	33.73	7.8	25.8	0.15
F19	17 Aug 2023	80	10.80	88.98	3.9	33.73	7.8	25.8	0.14
F19	17 Aug 2023	81	10.79	89.03	3.9	33.73	7.7	25.8	0.14
F19	17 Aug 2023	82	10.79	89.32	3.9	33.74	7.7	25.8	0.14
F19	17 Aug 2023	83	10.78	89.60	3.9	33.74	7.7	25.8	0.17
F19	17 Aug 2023	84	10.78	NA	3.9	33.74	7.7	25.8	0.14
F20	17 Aug 2023	1	17.58	89.12	8.6	33.31	8.2	24.1	0.51
F20	17 Aug 2023	2	17.38	89.17	8.6	33.32	8.2	24.1	0.52
F20	17 Aug 2023	3	16.69	89.20	8.7	33.31	8.2	24.3	0.52
F20	17 Aug 2023	4	16.08	89.58	8.8	33.30	8.2	24.4	0.50
F20	17 Aug 2023	5	15.80	89.99	8.9	33.29	8.2	24.5	0.49
F20	17 Aug 2023	6	15.36	90.31	8.9	33.28	8.2	24.6	0.46
F20	17 Aug 2023	7	14.98	90.50	9.1	33.27	8.2	24.6	0.46
F20	17 Aug 2023	8	14.96	90.85	9.1	33.26	8.2	24.6	0.47
F20	17 Aug 2023	9	14.93	90.91	9.0	33.26	8.2	24.6	0.44
F20	17 Aug 2023	10	14.90	90.85	9.0	33.26	8.2	24.6	0.45
F20	17 Aug 2023	11	14.84	90.95	9.0	33.26	8.2	24.7	0.45
F20	17 Aug 2023	12	14.61	90.90	8.9	33.25	8.1	24.7	0.47
F20	17 Aug 2023	13	14.38	90.81	8.9	33.24	8.1	24.7	0.47
F20	17 Aug 2023	14	14.36	90.67	9.0	33.24	8.1	24.8	0.52
F20	17 Aug 2023	15	14.27	90.85	8.9	33.25	8.1	24.8	0.54
F20	17 Aug 2023	16	14.17	90.72	8.9	33.25	8.1	24.8	0.53
F20	17 Aug 2023	17	14.10	90.77	8.9	33.25	8.1	24.8	0.55
F20	17 Aug 2023	18	14.02	90.77	8.9	33.25	8.1	24.8	0.52
F20	17 Aug 2023	19	13.84	90.65	8.8	33.25	8.1	24.9	0.59
F20	17 Aug 2023	20	13.54	90.05	8.8	33.26	8.1	24.9	0.81
F20	17 Aug 2023	21	13.41	88.66	8.6	33.26	8.1	25.0	1.22
F20	17 Aug 2023	22	13.16	88.04	8.3	33.27	8.1	25.0	1.54
F20	17 Aug 2023	23	12.95	88.15	8.0	33.27	8.1	25.1	1.70
F20	17 Aug 2023	24	12.86	89.33	7.9	33.27	8.1	25.1	1.66
F20	17 Aug 2023	25	12.83	89.75	7.8	33.27	8.1	25.1	1.69
F20	17 Aug 2023	26	12.68	89.93	7.6	33.29	8.0	25.1	1.64
F20	17 Aug 2023	27	12.67	90.12	7.4	33.30	8.0	25.1	1.56
F20	17 Aug 2023	28	12.67	90.49	7.3	33.31	8.0	25.1	1.42
F20	17 Aug 2023	29	12.67	90.31	7.2	33.31	8.0	25.1	1.40
F20	17 Aug 2023	30	12.63	90.74	7.1	33.32	8.0	25.2	1.20
F20	17 Aug 2023	31	12.59	90.91	7.0	33.32	8.0	25.2	1.16
F20	17 Aug 2023	32	12.57	90.98	7.0	33.32	8.0	25.2	1.08
F20	17 Aug 2023	33	12.54	91.07	7.0	33.32	8.0	25.2	1.05
F20	17 Aug 2023	34	12.45	91.16	6.9	33.33	8.0	25.2	1.04
F20	17 Aug 2023	35	12.37	91.32	6.8	33.33	8.0	25.2	1.02
F20	17 Aug 2023	36	12.29	91.36	6.8	33.34	8.0	25.2	1.05
F20	17 Aug 2023	37	12.19	91.49	6.7	33.34	8.0	25.3	0.98
F20	17 Aug 2023	38	12.10	91.80	6.7	33.34	8.0	25.3	0.86
F20	17 Aug 2023	39	12.08	92.08	6.7	33.34	8.0	25.3	0.79
F20	17 Aug 2023	40	12.05	92.05	6.6	33.34	8.0	25.3	0.75
F20	17 Aug 2023	41	12.02	92.08	6.6	33.34	8.0	25.3	0.72
F20	17 Aug 2023	42	12.00	92.31	6.7	33.34	8.0	25.3	0.69
F20	17 Aug 2023	43	11.99	92.34	6.7	33.34	8.0	25.3	0.69

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F20	17 Aug 2023	44	11.94	92.35	6.6	33.35	8.0	25.3	0.68
F20	17 Aug 2023	45	11.89	92.36	6.5	33.36	7.9	25.3	0.67
F20	17 Aug 2023	46	11.88	92.41	6.5	33.36	7.9	25.3	0.64
F20	17 Aug 2023	47	11.89	92.43	6.5	33.36	7.9	25.3	0.64
F20	17 Aug 2023	48	11.86	92.42	6.5	33.37	7.9	25.3	0.64
F20	17 Aug 2023	49	11.84	92.37	6.4	33.37	7.9	25.4	0.63
F20	17 Aug 2023	50	11.81	92.31	6.3	33.38	7.9	25.4	0.63
F20	17 Aug 2023	51	11.72	91.73	6.1	33.41	7.9	25.4	0.62
F20	17 Aug 2023	52	11.69	91.15	6.0	33.42	7.9	25.4	0.60
F20	17 Aug 2023	53	11.68	90.91	6.0	33.42	7.9	25.4	0.59
F20	17 Aug 2023	54	11.65	90.95	6.0	33.42	7.9	25.4	0.58
F20	17 Aug 2023	55	11.59	90.82	5.8	33.44	7.9	25.5	0.55
F20	17 Aug 2023	56	11.53	91.02	5.8	33.46	7.9	25.5	0.50
F20	17 Aug 2023	57	11.48	91.37	5.7	33.47	7.9	25.5	0.47
F20	17 Aug 2023	58	11.45	91.54	5.6	33.48	7.9	25.5	0.43
F20	17 Aug 2023	59	11.37	91.69	5.5	33.49	7.9	25.5	0.40
F20	17 Aug 2023	60	11.34	91.31	5.4	33.50	7.9	25.5	0.37
F20	17 Aug 2023	61	11.31	91.03	5.3	33.51	7.8	25.6	0.35
F20	17 Aug 2023	62	11.31	90.79	5.3	33.52	7.8	25.6	0.35
F20	17 Aug 2023	63	11.26	90.73	5.1	33.52	7.8	25.6	0.31
F20	17 Aug 2023	64	11.12	90.68	4.8	33.50	7.8	25.6	0.25
F20	17 Aug 2023	65	11.10	90.22	4.6	33.52	7.8	25.6	0.20
F20	17 Aug 2023	66	11.07	90.79	4.6	33.53	7.8	25.6	0.18
F20	17 Aug 2023	67	10.96	90.50	4.4	33.56	7.8	25.7	0.17
F20	17 Aug 2023	68	10.95	89.35	4.3	33.56	7.8	25.7	0.16
F20	17 Aug 2023	69	10.94	89.08	4.3	33.56	7.8	25.7	0.15
F20	17 Aug 2023	70	10.93	88.98	4.2	33.57	7.8	25.7	0.15
F20	17 Aug 2023	71	10.88	88.66	4.1	33.59	7.8	25.7	0.14
F20	17 Aug 2023	72	10.88	88.35	4.1	33.60	7.8	25.7	0.15
F20	17 Aug 2023	73	10.89	89.70	4.2	33.60	7.8	25.7	0.14
F20	17 Aug 2023	74	10.88	90.08	4.2	33.61	7.8	25.7	0.14
F20	17 Aug 2023	75	10.88	89.36	4.2	33.62	7.8	25.7	0.14
F20	17 Aug 2023	76	10.85	89.77	4.2	33.64	7.8	25.7	0.14
F20	17 Aug 2023	77	10.84	90.43	4.1	33.65	7.8	25.8	0.14
F20	17 Aug 2023	78	10.82	90.49	4.1	33.67	7.8	25.8	0.14
F20	17 Aug 2023	79	10.81	90.23	4.1	33.67	7.8	25.8	0.14
F20	17 Aug 2023	80	10.79	89.98	4.0	33.68	7.8	25.8	0.14
F20	17 Aug 2023	81	10.78	89.85	4.0	33.69	7.8	25.8	0.14
F20	17 Aug 2023	82	10.77	89.76	4.0	33.70	7.7	25.8	0.15
F20	17 Aug 2023	83	10.77	80.08	4.0	33.71	7.7	25.8	0.14
F21	17 Aug 2023	1	17.48	87.16	8.7	33.31	8.2	24.1	0.59
F21	17 Aug 2023	2	17.44	88.55	8.7	33.31	8.2	24.1	0.60
F21	17 Aug 2023	3	16.68	88.88	8.6	33.29	8.2	24.3	0.58
F21	17 Aug 2023	4	15.87	89.63	8.8	33.27	8.2	24.4	0.56
F21	17 Aug 2023	5	15.56	89.99	8.9	33.26	8.2	24.5	0.53
F21	17 Aug 2023	6	15.22	90.39	9.0	33.25	8.2	24.6	0.48
F21	17 Aug 2023	7	14.89	90.80	9.0	33.25	8.2	24.6	0.43
F21	17 Aug 2023	8	14.67	90.87	8.9	33.26	8.1	24.7	0.47
F21	17 Aug 2023	9	14.48	90.87	8.9	33.25	8.1	24.7	0.49
F21	17 Aug 2023	10	14.33	90.89	8.9	33.26	8.1	24.8	0.51
F21	17 Aug 2023	11	14.31	90.90	8.9	33.26	8.1	24.8	0.48
F21	17 Aug 2023	12	14.31	91.02	8.9	33.26	8.1	24.8	0.51
F21	17 Aug 2023	13	14.28	90.95	8.9	33.26	8.1	24.8	0.48
F21	17 Aug 2023	14	14.13	90.87	8.8	33.25	8.1	24.8	0.52
F21	17 Aug 2023	15	14.03	90.95	8.7	33.27	8.1	24.8	0.58
F21	17 Aug 2023	16	14.00	90.89	8.6	33.27	8.1	24.8	0.59
F21	17 Aug 2023	17	13.92	90.94	8.6	33.27	8.1	24.9	0.55
F21	17 Aug 2023	18	13.91	90.91	8.6	33.27	8.1	24.9	0.56
F21	17 Aug 2023	19	13.86	90.86	8.6	33.27	8.1	24.9	0.58
F21	17 Aug 2023	20	13.78	90.52	8.6	33.27	8.1	24.9	0.76

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F21	17 Aug 2023	21	13.67	88.99	8.4	33.27	8.1	24.9	0.96
F21	17 Aug 2023	22	13.48	88.93	8.3	33.26	8.1	25.0	1.23
F21	17 Aug 2023	23	13.38	89.06	8.4	33.26	8.1	25.0	1.33
F21	17 Aug 2023	24	13.30	89.19	8.5	33.27	8.1	25.0	1.44
F21	17 Aug 2023	25	13.20	88.93	8.4	33.26	8.1	25.0	1.60
F21	17 Aug 2023	26	12.98	88.65	8.1	33.25	8.1	25.0	1.78
F21	17 Aug 2023	27	12.87	89.48	7.9	33.27	8.1	25.1	1.68
F21	17 Aug 2023	28	12.76	89.93	7.7	33.28	8.0	25.1	1.65
F21	17 Aug 2023	29	12.73	89.99	7.6	33.28	8.0	25.1	1.60
F21	17 Aug 2023	30	12.65	90.19	7.5	33.29	8.0	25.1	1.52
F21	17 Aug 2023	31	12.53	90.42	7.3	33.30	8.0	25.2	1.42
F21	17 Aug 2023	32	12.51	90.60	7.2	33.31	8.0	25.2	1.29
F21	17 Aug 2023	33	12.44	90.55	7.1	33.31	8.0	25.2	1.29
F21	17 Aug 2023	34	12.35	90.84	7.0	33.32	8.0	25.2	1.23
F21	17 Aug 2023	35	12.29	91.04	7.0	33.32	8.0	25.2	1.15
F21	17 Aug 2023	36	12.28	91.14	6.9	33.33	8.0	25.2	1.12
F21	17 Aug 2023	37	12.24	91.31	6.9	33.33	8.0	25.2	1.11
F21	17 Aug 2023	38	12.20	91.42	6.8	33.33	8.0	25.3	1.04
F21	17 Aug 2023	39	12.14	91.44	6.6	33.35	8.0	25.3	0.94
F21	17 Aug 2023	40	12.06	91.60	6.5	33.36	8.0	25.3	0.84
F21	17 Aug 2023	41	12.03	91.71	6.5	33.36	7.9	25.3	0.75
F21	17 Aug 2023	42	11.95	91.76	6.5	33.36	7.9	25.3	0.73
F21	17 Aug 2023	43	11.87	92.03	6.5	33.37	7.9	25.3	0.71
F21	17 Aug 2023	44	11.85	92.39	6.5	33.37	7.9	25.4	0.62
F21	17 Aug 2023	45	11.83	92.53	6.4	33.37	7.9	25.4	0.64
F21	17 Aug 2023	46	11.77	92.49	6.4	33.38	7.9	25.4	0.59
F21	17 Aug 2023	47	11.72	92.60	6.2	33.40	7.9	25.4	0.58
F21	17 Aug 2023	48	11.66	92.29	6.1	33.41	7.9	25.4	0.56
F21	17 Aug 2023	49	11.65	91.80	6.1	33.42	7.9	25.4	0.55
F21	17 Aug 2023	50	11.63	91.81	6.0	33.42	7.9	25.4	0.55
F21	17 Aug 2023	51	11.61	91.88	6.0	33.42	7.9	25.4	0.54
F21	17 Aug 2023	52	11.58	91.94	6.0	33.43	7.9	25.4	0.55
F21	17 Aug 2023	53	11.56	92.13	5.9	33.44	7.9	25.5	0.49
F21	17 Aug 2023	54	11.50	92.19	5.8	33.45	7.9	25.5	0.46
F21	17 Aug 2023	55	11.43	92.12	5.6	33.47	7.9	25.5	0.42
F21	17 Aug 2023	56	11.35	91.78	5.3	33.47	7.9	25.5	0.39
F21	17 Aug 2023	57	11.20	91.12	4.9	33.46	7.8	25.5	0.30
F21	17 Aug 2023	58	11.24	90.48	4.9	33.47	7.8	25.5	0.26
F21	17 Aug 2023	59	11.26	91.28	5.1	33.51	7.8	25.6	0.25
F21	17 Aug 2023	60	11.24	90.40	5.1	33.53	7.8	25.6	0.26
F21	17 Aug 2023	61	11.23	89.09	5.1	33.53	7.8	25.6	0.26
F21	17 Aug 2023	62	11.18	88.61	5.0	33.54	7.8	25.6	0.26
F21	17 Aug 2023	63	11.13	88.92	4.9	33.55	7.8	25.6	0.23
F21	17 Aug 2023	64	11.10	89.71	4.7	33.56	7.8	25.6	0.21
F21	17 Aug 2023	65	10.99	90.40	4.5	33.59	7.8	25.7	0.18
F21	17 Aug 2023	66	10.96	90.61	4.4	33.60	7.8	25.7	0.17
F21	17 Aug 2023	67	10.91	90.34	4.3	33.60	7.8	25.7	0.16
F21	17 Aug 2023	68	10.89	90.65	4.3	33.60	7.8	25.7	0.15
F21	17 Aug 2023	69	10.88	90.76	4.3	33.61	7.8	25.7	0.15
F21	17 Aug 2023	70	10.87	91.37	4.4	33.62	7.8	25.7	0.16
F21	17 Aug 2023	71	10.85	91.20	4.3	33.64	7.8	25.7	0.15
F21	17 Aug 2023	72	10.83	91.06	4.3	33.65	7.8	25.8	0.15
F21	17 Aug 2023	73	10.83	91.10	4.3	33.66	7.8	25.8	0.14
F21	17 Aug 2023	74	10.82	91.20	4.3	33.67	7.8	25.8	0.15
F21	17 Aug 2023	75	10.81	91.68	4.3	33.68	7.8	25.8	0.15
F21	17 Aug 2023	76	10.80	91.65	4.3	33.68	7.8	25.8	0.15
F21	17 Aug 2023	77	10.78	91.23	4.2	33.69	7.8	25.8	0.15
F21	17 Aug 2023	78	10.78	90.53	4.2	33.69	7.8	25.8	0.15
F21	17 Aug 2023	79	10.78	90.03	4.2	33.69	7.8	25.8	0.15
F21	17 Aug 2023	80	10.78	89.92	4.1	33.69	7.8	25.8	0.15
F21	17 Aug 2023	81	10.78	89.89	4.1	33.69	7.8	25.8	0.14

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F21	17 Aug 2023	82	10.78	89.75	4.1	33.69	7.8	25.8	0.15
F21	17 Aug 2023	83	10.78	89.57	4.1	33.69	7.8	25.8	0.15
F21	17 Aug 2023	84	10.78	89.27	4.1	33.69	7.8	25.8	0.15
F21	17 Aug 2023	85	10.78	NA	4.1	33.69	7.8	25.8	0.15
F22	17 Aug 2023	1	17.28	86.52	NA	NA	8.2	NA	NA
F22	17 Aug 2023	2	17.23	86.41	NA	NA	8.2	NA	NA
F22	17 Aug 2023	3	16.85	87.19	NA	NA	8.2	NA	NA
F22	17 Aug 2023	4	16.64	89.03	NA	NA	8.2	NA	NA
F22	17 Aug 2023	5	16.16	89.47	NA	NA	8.2	NA	NA
F22	17 Aug 2023	6	15.76	89.03	NA	NA	8.2	NA	NA
F22	17 Aug 2023	7	14.89	88.73	NA	NA	8.1	NA	NA
F22	17 Aug 2023	8	14.72	88.97	NA	NA	8.1	NA	NA
F22	17 Aug 2023	9	14.27	89.64	NA	NA	8.1	NA	NA
F22	17 Aug 2023	10	14.00	90.37	NA	NA	8.1	NA	NA
F22	17 Aug 2023	11	13.94	90.43	NA	NA	8.1	NA	NA
F22	17 Aug 2023	12	13.87	90.33	NA	NA	8.1	NA	NA
F22	17 Aug 2023	13	13.84	90.18	NA	NA	8.1	NA	NA
F22	17 Aug 2023	14	13.82	90.06	NA	NA	8.1	NA	NA
F22	17 Aug 2023	15	13.74	89.99	NA	NA	8.1	NA	NA
F22	17 Aug 2023	16	13.72	89.80	8.3	33.33	8.1	25.0	0.87
F22	17 Aug 2023	17	13.71	89.89	8.2	33.32	8.1	25.0	0.92
F22	17 Aug 2023	18	13.63	89.84	8.2	33.33	8.1	25.0	1.06
F22	17 Aug 2023	19	13.48	89.63	8.2	33.30	8.1	25.0	1.17
F22	17 Aug 2023	20	13.46	89.68	8.2	33.29	8.1	25.0	1.27
F22	17 Aug 2023	21	13.39	89.59	8.2	33.30	8.1	25.0	1.39
F22	17 Aug 2023	22	13.30	89.57	8.1	33.30	8.1	25.0	1.56
F22	17 Aug 2023	23	13.21	89.72	8.0	33.30	8.1	25.0	1.61
F22	17 Aug 2023	24	12.96	89.71	7.9	33.30	8.1	25.1	1.68
F22	17 Aug 2023	25	12.82	89.68	7.7	33.30	8.0	25.1	1.63
F22	17 Aug 2023	26	12.68	89.92	7.5	33.30	8.0	25.1	1.75
F22	17 Aug 2023	27	12.55	90.31	7.4	33.31	8.0	25.2	1.57
F22	17 Aug 2023	28	12.53	90.71	7.3	33.31	8.0	25.2	1.46
F22	17 Aug 2023	29	12.37	90.73	7.1	33.32	8.0	25.2	1.38
F22	17 Aug 2023	30	12.30	90.93	7.0	33.33	8.0	25.2	1.30
F22	17 Aug 2023	31	12.26	91.06	6.9	33.33	8.0	25.2	1.25
F22	17 Aug 2023	32	12.24	90.94	6.9	33.33	8.0	25.2	1.20
F22	17 Aug 2023	33	12.21	91.30	6.9	33.33	8.0	25.3	1.19
F22	17 Aug 2023	34	12.19	91.34	6.8	33.33	8.0	25.3	1.16
F22	17 Aug 2023	35	12.15	91.43	6.7	33.34	8.0	25.3	1.10
F22	17 Aug 2023	36	12.05	91.47	6.5	33.37	8.0	25.3	0.95
F22	17 Aug 2023	37	12.03	91.57	6.4	33.37	7.9	25.3	0.82
F22	17 Aug 2023	38	12.01	91.58	6.4	33.38	7.9	25.3	0.74
F22	17 Aug 2023	39	12.01	91.48	6.3	33.37	7.9	25.3	0.70
F22	17 Aug 2023	40	12.00	91.54	6.3	33.38	7.9	25.3	0.69
F22	17 Aug 2023	41	11.99	91.58	6.3	33.38	7.9	25.3	0.66
F22	17 Aug 2023	42	11.97	91.59	6.3	33.38	7.9	25.3	0.65
F22	17 Aug 2023	43	11.91	91.64	6.3	33.38	7.9	25.4	0.64
F22	17 Aug 2023	44	11.80	91.75	6.3	33.39	7.9	25.4	0.62
F22	17 Aug 2023	45	11.76	92.09	6.3	33.39	7.9	25.4	0.58
F22	17 Aug 2023	46	11.71	92.33	6.3	33.40	7.9	25.4	0.59
F22	17 Aug 2023	47	11.68	92.50	6.2	33.40	7.9	25.4	0.57
F22	17 Aug 2023	48	11.62	92.60	6.2	33.41	7.9	25.4	0.55
F22	17 Aug 2023	49	11.56	92.59	6.1	33.43	7.9	25.5	0.53
F22	17 Aug 2023	50	11.52	92.03	5.9	33.44	7.9	25.5	0.51
F22	17 Aug 2023	51	11.48	91.30	5.8	33.47	7.9	25.5	0.49
F22	17 Aug 2023	52	11.47	90.79	5.7	33.47	7.9	25.5	0.47
F22	17 Aug 2023	53	11.47	90.19	5.6	33.48	7.9	25.5	0.45
F22	17 Aug 2023	54	11.46	89.48	5.5	33.48	7.9	25.5	0.44
F22	17 Aug 2023	55	11.47	89.58	5.6	33.48	7.9	25.5	0.44
F22	17 Aug 2023	56	11.46	89.42	5.5	33.48	7.9	25.5	0.43

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F22	17 Aug 2023	57	11.46	88.89	5.5	33.48	7.9	25.5	0.43
F22	17 Aug 2023	58	11.45	88.74	5.5	33.48	7.9	25.5	0.42
F22	17 Aug 2023	59	11.45	88.65	5.5	33.48	7.9	25.5	0.42
F22	17 Aug 2023	60	11.45	88.77	5.5	33.48	7.9	25.5	0.43
F22	17 Aug 2023	61	11.44	88.65	5.5	33.48	7.9	25.5	0.42
F22	17 Aug 2023	62	11.45	88.48	5.5	33.48	7.9	25.5	0.41
F22	17 Aug 2023	63	11.44	88.37	5.5	33.48	7.9	25.5	0.42
F22	17 Aug 2023	64	11.44	88.24	5.5	33.48	7.9	25.5	0.41
F22	17 Aug 2023	65	11.44	88.29	5.5	33.48	7.9	25.5	0.40
F22	17 Aug 2023	66	11.42	88.26	5.4	33.49	7.8	25.5	0.41
F22	17 Aug 2023	67	11.41	88.21	5.4	33.49	7.8	25.5	0.40
F22	17 Aug 2023	68	11.40	88.16	5.4	33.49	7.8	25.5	0.40
F22	17 Aug 2023	69	11.37	88.23	5.4	33.50	7.8	25.5	0.39
F22	17 Aug 2023	70	11.37	88.38	5.4	33.50	7.8	25.5	0.37
F22	17 Aug 2023	71	11.34	88.53	5.3	33.51	7.8	25.6	0.36
F22	17 Aug 2023	72	11.31	88.37	5.2	33.51	7.8	25.6	0.36
F22	17 Aug 2023	73	11.31	88.47	5.2	33.52	7.8	25.6	0.33
F22	17 Aug 2023	74	11.31	88.80	5.2	33.52	7.8	25.6	0.33
F22	17 Aug 2023	75	11.27	88.55	5.2	33.52	7.8	25.6	0.31
F22	17 Aug 2023	76	11.20	88.25	5.0	33.54	7.8	25.6	0.29
F22	17 Aug 2023	77	11.16	87.95	5.0	33.55	7.8	25.6	0.27
F22	17 Aug 2023	78	11.12	87.85	4.9	33.56	7.8	25.6	0.25
F22	17 Aug 2023	79	11.10	88.00	4.8	33.56	7.8	25.6	0.23
F22	17 Aug 2023	80	11.02	88.20	4.7	33.58	7.8	25.7	0.21
F22	17 Aug 2023	81	11.01	NA	4.6	33.59	7.8	25.7	0.19
F22	17 Aug 2023	82	11.05	NA	4.7	33.58	7.8	25.7	0.19
F23	17 Aug 2023	1	18.26	83.84	8.8	33.32	8.2	23.9	0.80
F23	17 Aug 2023	2	18.17	84.28	8.7	33.32	8.2	23.9	0.85
F23	17 Aug 2023	3	17.92	84.81	8.7	33.32	8.2	24.0	0.97
F23	17 Aug 2023	4	17.69	85.49	8.6	33.32	8.2	24.1	1.04
F23	17 Aug 2023	5	17.59	86.33	8.6	33.31	8.2	24.1	1.15
F23	17 Aug 2023	6	16.70	86.94	8.4	33.26	8.2	24.3	1.13
F23	17 Aug 2023	7	15.10	88.25	8.8	33.27	8.1	24.6	0.99
F23	17 Aug 2023	8	15.96	89.20	8.7	33.23	8.1	24.4	0.98
F23	17 Aug 2023	9	14.76	89.21	8.8	33.26	8.1	24.7	1.03
F23	17 Aug 2023	10	14.54	88.99	8.8	33.26	8.1	24.7	1.24
F23	17 Aug 2023	11	14.32	87.85	8.8	33.26	8.1	24.8	1.79
F23	17 Aug 2023	12	14.08	88.45	8.6	33.26	8.1	24.8	1.87
F23	17 Aug 2023	13	13.83	88.67	8.7	33.26	8.1	24.9	1.63
F23	17 Aug 2023	14	13.86	88.30	8.6	33.25	8.1	24.9	1.76
F23	17 Aug 2023	15	13.45	88.05	8.5	33.26	8.1	25.0	2.05
F23	17 Aug 2023	16	13.35	87.96	8.4	33.26	8.1	25.0	2.14
F23	17 Aug 2023	17	13.29	88.47	8.4	33.27	8.1	25.0	2.18
F23	17 Aug 2023	18	13.18	89.03	8.2	33.28	8.1	25.0	2.08
F23	17 Aug 2023	19	13.08	89.28	8.1	33.28	8.1	25.0	2.04
F23	17 Aug 2023	20	13.06	89.83	8.0	33.29	8.1	25.1	1.62
F23	17 Aug 2023	21	12.99	90.15	7.7	33.30	8.0	25.1	1.46
F23	17 Aug 2023	22	12.99	90.31	7.6	33.30	8.0	25.1	1.36
F23	17 Aug 2023	23	12.92	90.32	7.5	33.30	8.0	25.1	1.36
F23	17 Aug 2023	24	12.66	90.42	7.3	33.30	8.0	25.1	1.36
F23	17 Aug 2023	25	12.54	91.01	7.2	33.30	8.0	25.2	1.22
F23	17 Aug 2023	26	12.29	91.26	7.0	33.32	8.0	25.2	1.16
F23	17 Aug 2023	27	12.16	91.51	6.9	33.33	8.0	25.3	1.07
F23	17 Aug 2023	28	12.12	91.81	6.8	33.33	8.0	25.3	0.95
F23	17 Aug 2023	29	12.05	91.90	6.8	33.34	8.0	25.3	0.85
F23	17 Aug 2023	30	12.03	91.96	6.7	33.35	8.0	25.3	0.86
F23	17 Aug 2023	31	12.02	91.90	6.5	33.36	8.0	25.3	0.80
F23	17 Aug 2023	32	11.96	91.68	6.3	33.38	7.9	25.3	0.72
F23	17 Aug 2023	33	11.93	91.54	6.3	33.39	7.9	25.4	0.65
F23	17 Aug 2023	34	11.91	91.41	6.2	33.39	7.9	25.4	0.61

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F23	17 Aug 2023	35	11.87	91.30	6.2	33.40	7.9	25.4	0.58
F23	17 Aug 2023	36	11.84	91.36	6.1	33.40	7.9	25.4	0.57
F23	17 Aug 2023	37	11.81	91.32	6.1	33.41	7.9	25.4	0.56
F23	17 Aug 2023	38	11.77	91.44	6.1	33.41	7.9	25.4	0.56
F23	17 Aug 2023	39	11.74	91.63	6.1	33.41	7.9	25.4	0.58
F23	17 Aug 2023	40	11.71	91.88	6.1	33.41	7.9	25.4	0.54
F23	17 Aug 2023	41	11.68	92.06	6.1	33.42	7.9	25.4	0.55
F23	17 Aug 2023	42	11.63	92.22	6.1	33.42	7.9	25.4	0.54
F23	17 Aug 2023	43	11.55	92.42	6.0	33.43	7.9	25.5	0.51
F23	17 Aug 2023	44	11.54	92.55	6.0	33.44	7.9	25.5	0.51
F23	17 Aug 2023	45	11.53	92.46	6.0	33.44	7.9	25.5	0.49
F23	17 Aug 2023	46	11.52	92.47	5.9	33.44	7.9	25.5	0.47
F23	17 Aug 2023	47	11.51	92.47	5.9	33.45	7.9	25.5	0.48
F23	17 Aug 2023	48	11.50	92.45	5.9	33.45	7.9	25.5	0.48
F23	17 Aug 2023	49	11.47	92.33	5.8	33.46	7.9	25.5	0.48
F23	17 Aug 2023	50	11.44	91.85	5.6	33.47	7.9	25.5	0.44
F23	17 Aug 2023	51	11.45	90.82	5.6	33.47	7.9	25.5	0.43
F23	17 Aug 2023	52	11.45	89.93	5.6	33.47	7.9	25.5	0.42
F23	17 Aug 2023	53	11.46	89.41	5.6	33.47	7.9	25.5	0.43
F23	17 Aug 2023	54	11.47	88.90	5.6	33.48	7.9	25.5	0.43
F23	17 Aug 2023	55	11.47	88.77	5.6	33.48	7.9	25.5	0.44
F23	17 Aug 2023	56	11.47	88.81	5.6	33.48	7.9	25.5	0.45
F23	17 Aug 2023	57	11.47	88.61	5.5	33.47	7.9	25.5	0.43
F23	17 Aug 2023	58	11.47	88.45	5.5	33.47	7.9	25.5	0.46
F23	17 Aug 2023	59	11.47	88.42	5.6	33.47	7.9	25.5	0.45
F23	17 Aug 2023	60	11.47	88.54	5.6	33.47	7.9	25.5	0.44
F23	17 Aug 2023	61	11.47	88.53	5.5	33.47	7.9	25.5	0.45
F23	17 Aug 2023	62	11.47	88.29	5.5	33.47	7.9	25.5	0.44
F23	17 Aug 2023	63	11.47	88.40	5.6	33.47	7.9	25.5	0.44
F23	17 Aug 2023	64	11.47	88.63	5.6	33.47	7.9	25.5	0.44
F23	17 Aug 2023	65	11.47	88.65	5.5	33.47	7.9	25.5	0.44
F23	17 Aug 2023	66	11.47	88.43	5.5	33.47	7.9	25.5	0.44
F23	17 Aug 2023	67	11.47	88.12	5.6	33.47	7.9	25.5	0.44
F23	17 Aug 2023	68	11.47	87.88	5.5	33.47	7.9	25.5	0.44
F23	17 Aug 2023	69	11.47	87.77	5.5	33.47	7.8	25.5	0.45
F23	17 Aug 2023	70	11.46	87.57	5.5	33.48	7.8	25.5	0.43
F23	17 Aug 2023	71	11.45	87.52	5.5	33.48	7.8	25.5	0.42
F23	17 Aug 2023	72	11.43	87.51	5.5	33.48	7.8	25.5	0.43
F23	17 Aug 2023	73	11.40	87.35	5.4	33.49	7.8	25.5	0.40
F23	17 Aug 2023	74	11.39	87.75	5.4	33.49	7.8	25.5	0.39
F23	17 Aug 2023	75	11.35	87.66	5.4	33.50	7.8	25.5	0.37
F23	17 Aug 2023	76	11.36	87.39	5.3	33.50	7.8	25.5	0.35
F23	17 Aug 2023	77	11.31	87.24	5.2	33.51	7.8	25.6	0.34
F23	17 Aug 2023	78	11.27	87.18	5.2	33.52	7.8	25.6	0.32
F23	17 Aug 2023	79	11.26	86.89	5.2	33.52	7.8	25.6	0.29
F23	17 Aug 2023	80	11.24	86.85	5.1	33.53	7.8	25.6	0.30
F23	17 Aug 2023	81	11.22	86.29	5.1	33.53	7.8	25.6	0.27
F23	17 Aug 2023	82	11.22	85.04	5.0	33.53	7.8	25.6	0.26
F24	17 Aug 2023	1	19.10	83.22	8.5	33.31	8.2	23.7	1.33
F24	17 Aug 2023	2	18.91	82.98	8.4	33.30	8.2	23.7	1.42
F24	17 Aug 2023	3	17.67	82.81	8.7	33.29	8.2	24.0	1.39
F24	17 Aug 2023	4	17.25	83.25	8.8	33.27	8.2	24.1	1.19
F24	17 Aug 2023	5	16.31	83.31	8.9	33.26	8.2	24.3	1.09
F24	17 Aug 2023	6	16.06	83.88	9.0	33.26	8.2	24.4	1.09
F24	17 Aug 2023	7	15.79	84.14	9.0	33.26	8.2	24.5	1.22
F24	17 Aug 2023	8	15.65	83.66	9.0	33.26	8.2	24.5	1.38
F24	17 Aug 2023	9	15.46	83.67	8.8	33.26	8.1	24.5	1.62
F24	17 Aug 2023	10	14.90	83.59	8.5	33.26	8.1	24.6	2.17
F24	17 Aug 2023	11	14.10	84.12	8.3	33.26	8.1	24.8	2.59
F24	17 Aug 2023	12	13.86	85.93	8.2	33.27	8.1	24.9	2.49

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F24	17 Aug 2023	13	13.71	86.76	8.0	33.27	8.1	24.9	2.43
F24	17 Aug 2023	14	13.38	87.30	7.8	33.28	8.1	25.0	2.39
F24	17 Aug 2023	15	13.19	87.87	7.6	33.29	8.0	25.0	2.04
F24	17 Aug 2023	16	12.90	88.77	7.4	33.30	8.0	25.1	1.74
F24	17 Aug 2023	17	12.76	89.67	7.2	33.30	8.0	25.1	1.53
F24	17 Aug 2023	18	12.51	90.26	7.1	33.31	8.0	25.2	1.27
F24	17 Aug 2023	19	12.45	90.70	7.0	33.31	8.0	25.2	1.06
F24	17 Aug 2023	20	12.44	91.12	7.0	33.31	8.0	25.2	0.96
F24	17 Aug 2023	21	12.43	91.18	7.0	33.32	8.0	25.2	0.94
F24	17 Aug 2023	22	12.44	91.19	7.0	33.32	8.0	25.2	0.91
F24	17 Aug 2023	23	12.41	91.18	7.0	33.32	8.0	25.2	0.88
F24	17 Aug 2023	24	12.39	91.17	7.0	33.32	8.0	25.2	0.88
F24	17 Aug 2023	25	12.40	91.23	6.9	33.32	8.0	25.2	0.91
F24	17 Aug 2023	26	12.33	91.21	6.9	33.33	8.0	25.2	0.92
F24	17 Aug 2023	27	12.28	91.39	6.9	33.33	8.0	25.2	0.91
F24	17 Aug 2023	28	12.26	91.51	6.9	33.33	8.0	25.2	0.89
F24	17 Aug 2023	29	12.22	91.44	6.9	33.33	8.0	25.2	0.96
F24	17 Aug 2023	30	12.17	91.63	6.8	33.33	8.0	25.3	0.95
F24	17 Aug 2023	31	12.12	91.72	6.8	33.34	8.0	25.3	0.88
F24	17 Aug 2023	32	12.08	91.70	6.8	33.34	8.0	25.3	0.88
F24	17 Aug 2023	33	12.02	91.75	6.7	33.35	8.0	25.3	0.80
F24	17 Aug 2023	34	12.00	91.72	6.6	33.35	8.0	25.3	0.79
F24	17 Aug 2023	35	11.98	91.95	6.6	33.36	7.9	25.3	0.76
F24	17 Aug 2023	36	11.97	91.83	6.5	33.36	7.9	25.3	0.74
F24	17 Aug 2023	37	11.91	91.79	6.3	33.38	7.9	25.4	0.70
F24	17 Aug 2023	38	11.90	91.52	6.2	33.39	7.9	25.4	0.64
F24	17 Aug 2023	39	11.89	91.39	6.2	33.39	7.9	25.4	0.62
F24	17 Aug 2023	40	11.88	91.32	6.2	33.40	7.9	25.4	0.62
F24	17 Aug 2023	41	11.88	91.29	6.2	33.40	7.9	25.4	0.58
F24	17 Aug 2023	42	11.88	91.29	6.2	33.40	7.9	25.4	0.61
F24	17 Aug 2023	43	11.88	91.28	6.2	33.40	7.9	25.4	0.58
F24	17 Aug 2023	44	11.86	91.25	6.1	33.40	7.9	25.4	0.56
F24	17 Aug 2023	45	11.86	91.14	6.1	33.40	7.9	25.4	0.54
F24	17 Aug 2023	46	11.84	91.17	6.1	33.40	7.9	25.4	0.54
F24	17 Aug 2023	47	11.73	91.16	6.0	33.41	7.9	25.4	0.56
F24	17 Aug 2023	48	11.59	91.20	5.9	33.44	7.9	25.5	0.56
F24	17 Aug 2023	49	11.58	90.39	5.8	33.44	7.9	25.5	0.55
F24	17 Aug 2023	50	11.56	89.90	5.8	33.45	7.9	25.5	0.52
F24	17 Aug 2023	51	11.54	89.96	5.7	33.45	7.9	25.5	0.52
F24	17 Aug 2023	52	11.53	90.12	5.7	33.45	7.9	25.5	0.50
F24	17 Aug 2023	53	11.53	90.35	5.8	33.45	7.9	25.5	0.50
F24	17 Aug 2023	54	11.52	90.36	5.7	33.46	7.9	25.5	0.51
F24	17 Aug 2023	55	11.51	90.29	5.7	33.46	7.9	25.5	0.49
F24	17 Aug 2023	56	11.51	90.22	5.7	33.46	7.9	25.5	0.49
F24	17 Aug 2023	57	11.51	89.91	5.6	33.46	7.9	25.5	0.49
F24	17 Aug 2023	58	11.51	89.63	5.7	33.46	7.9	25.5	0.48
F24	17 Aug 2023	59	11.50	89.75	5.7	33.46	7.9	25.5	0.48
F24	17 Aug 2023	60	11.50	89.92	5.6	33.47	7.9	25.5	0.48
F24	17 Aug 2023	61	11.50	89.85	5.6	33.47	7.9	25.5	0.47
F24	17 Aug 2023	62	11.50	89.58	5.6	33.47	7.9	25.5	0.49
F24	17 Aug 2023	63	11.50	89.20	5.6	33.47	7.9	25.5	0.48
F24	17 Aug 2023	64	11.50	89.23	5.6	33.47	7.9	25.5	0.46
F24	17 Aug 2023	65	11.50	89.10	5.6	33.47	7.9	25.5	0.46
F24	17 Aug 2023	66	11.50	89.04	5.6	33.47	7.9	25.5	0.46
F24	17 Aug 2023	67	11.49	88.95	5.6	33.47	7.9	25.5	0.45
F24	17 Aug 2023	68	11.49	88.86	5.6	33.47	7.9	25.5	0.45
F24	17 Aug 2023	69	11.49	89.00	5.6	33.47	7.9	25.5	0.44
F24	17 Aug 2023	70	11.48	88.99	5.6	33.47	7.8	25.5	0.43
F24	17 Aug 2023	71	11.48	88.66	5.6	33.47	7.8	25.5	0.41
F24	17 Aug 2023	72	11.48	88.47	5.5	33.47	7.8	25.5	0.41
F24	17 Aug 2023	73	11.47	88.30	5.5	33.47	7.8	25.5	0.39

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F24	17 Aug 2023	74	11.46	88.17	5.5	33.47	7.8	25.5	0.39
F24	17 Aug 2023	75	11.45	87.95	5.5	33.47	7.8	25.5	0.38
F24	17 Aug 2023	76	11.45	87.78	5.5	33.48	7.8	25.5	0.37
F24	17 Aug 2023	77	11.44	87.63	5.5	33.48	7.8	25.5	0.36
F24	17 Aug 2023	78	11.43	87.64	5.4	33.48	7.8	25.5	0.35
F24	17 Aug 2023	79	11.41	87.24	5.4	33.48	7.8	25.5	0.34
F24	17 Aug 2023	80	11.36	86.89	5.3	33.49	7.8	25.5	0.32
F24	17 Aug 2023	81	11.31	85.96	5.2	33.50	7.8	25.5	0.28
F24	17 Aug 2023	82	11.24	NA	5.0	33.49	7.8	25.6	0.74
F24	17 Aug 2023	83	11.23	NA	5.0	33.48	7.8	25.6	0.87
F25	17 Aug 2023	1	19.43	87.91	8.1	33.33	8.1	23.6	0.68
F25	17 Aug 2023	2	19.42	87.85	8.1	33.34	8.1	23.6	0.71
F25	17 Aug 2023	3	19.12	87.70	8.1	33.33	8.1	23.7	0.76
F25	17 Aug 2023	4	18.96	88.33	7.9	33.30	8.1	23.7	0.74
F25	17 Aug 2023	5	16.90	88.97	8.2	33.20	8.1	24.2	0.62
F25	17 Aug 2023	6	16.33	90.56	8.4	33.19	8.1	24.3	0.41
F25	17 Aug 2023	7	16.30	91.37	8.5	33.18	8.1	24.3	0.33
F25	17 Aug 2023	8	15.71	91.43	8.6	33.17	8.1	24.4	0.30
F25	17 Aug 2023	9	15.47	91.46	8.8	33.18	8.1	24.5	0.33
F25	17 Aug 2023	10	15.36	91.38	8.9	33.20	8.1	24.5	0.34
F25	17 Aug 2023	11	15.12	91.15	8.9	33.23	8.1	24.6	0.44
F25	17 Aug 2023	12	14.12	90.60	8.8	33.19	8.1	24.8	0.68
F25	17 Aug 2023	13	13.79	90.33	8.7	33.18	8.1	24.8	0.94
F25	17 Aug 2023	14	13.72	90.38	8.7	33.18	8.1	24.8	1.05
F25	17 Aug 2023	15	13.62	90.44	8.5	33.18	8.1	24.9	1.15
F25	17 Aug 2023	16	13.57	90.49	8.4	33.19	8.1	24.9	1.22
F25	17 Aug 2023	17	13.58	90.72	8.4	33.20	8.1	24.9	1.17
F25	17 Aug 2023	18	13.51	90.72	8.3	33.20	8.1	24.9	1.15
F25	17 Aug 2023	19	13.42	90.67	8.3	33.21	8.1	24.9	1.18
F25	17 Aug 2023	20	13.42	90.62	8.3	33.21	8.1	24.9	1.18
F25	17 Aug 2023	21	13.40	90.61	8.2	33.21	8.1	24.9	1.16
F25	17 Aug 2023	22	13.32	90.53	8.2	33.22	8.1	25.0	1.23
F25	17 Aug 2023	23	13.30	90.52	8.2	33.22	8.1	25.0	1.20
F25	17 Aug 2023	24	13.26	90.43	8.2	33.23	8.1	25.0	1.24
F25	17 Aug 2023	25	13.24	90.29	8.2	33.23	8.1	25.0	1.27
F25	17 Aug 2023	26	13.20	90.22	8.1	33.24	8.1	25.0	1.24
F25	17 Aug 2023	27	13.17	90.24	8.1	33.25	8.1	25.0	1.29
F25	17 Aug 2023	28	13.16	90.18	8.1	33.25	8.1	25.0	1.32
F25	17 Aug 2023	29	13.13	90.17	8.1	33.25	8.1	25.0	1.26
F25	17 Aug 2023	30	13.10	90.15	8.0	33.26	8.1	25.0	1.29
F25	17 Aug 2023	31	13.08	90.07	8.0	33.26	8.1	25.0	1.26
F25	17 Aug 2023	32	13.02	90.09	7.9	33.26	8.0	25.0	1.27
F25	17 Aug 2023	33	12.94	90.04	7.7	33.27	8.0	25.1	1.29
F25	17 Aug 2023	34	12.75	90.10	7.5	33.28	8.0	25.1	1.24
F25	17 Aug 2023	35	12.59	90.26	7.3	33.30	8.0	25.2	1.20
F25	17 Aug 2023	36	12.51	90.34	7.2	33.30	8.0	25.2	1.14
F25	17 Aug 2023	37	12.51	90.50	7.2	33.30	8.0	25.2	1.09
F25	17 Aug 2023	38	12.46	90.58	7.1	33.31	8.0	25.2	1.07
F25	17 Aug 2023	39	12.41	90.63	7.0	33.31	8.0	25.2	1.05
F25	17 Aug 2023	40	12.36	90.65	7.0	33.32	8.0	25.2	1.01
F25	17 Aug 2023	41	12.33	90.72	6.9	33.32	8.0	25.2	1.01
F25	17 Aug 2023	42	12.09	90.76	6.7	33.34	8.0	25.3	0.94
F25	17 Aug 2023	43	12.06	91.03	6.6	33.35	7.9	25.3	0.94
F25	17 Aug 2023	44	11.99	91.20	6.6	33.35	7.9	25.3	0.83
F25	17 Aug 2023	45	11.97	91.42	6.6	33.35	7.9	25.3	0.84
F25	17 Aug 2023	46	11.95	91.61	6.5	33.35	7.9	25.3	0.80
F25	17 Aug 2023	47	11.94	91.76	6.6	33.35	7.9	25.3	0.78
F25	17 Aug 2023	48	11.93	91.82	6.5	33.35	7.9	25.3	0.75
F25	17 Aug 2023	49	11.92	91.86	6.5	33.36	7.9	25.3	0.72
F25	17 Aug 2023	50	11.92	91.85	6.5	33.36	7.9	25.3	0.71

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F25	17 Aug 2023	51	11.89	91.92	6.4	33.37	7.9	25.3	0.70
F25	17 Aug 2023	52	11.87	91.86	6.4	33.37	7.9	25.4	0.68
F25	17 Aug 2023	53	11.86	91.87	6.3	33.38	7.9	25.4	0.69
F25	17 Aug 2023	54	11.85	91.81	6.3	33.38	7.9	25.4	0.65
F25	17 Aug 2023	55	11.82	91.68	6.2	33.39	7.9	25.4	0.63
F25	17 Aug 2023	56	11.80	91.62	6.2	33.39	7.9	25.4	0.61
F25	17 Aug 2023	57	11.79	91.70	6.2	33.39	7.9	25.4	0.66
F25	17 Aug 2023	58	11.77	91.67	6.2	33.39	7.9	25.4	0.64
F25	17 Aug 2023	59	11.74	91.62	6.1	33.40	7.9	25.4	0.59
F25	17 Aug 2023	60	11.68	91.25	5.9	33.42	7.9	25.4	0.54
F25	17 Aug 2023	61	11.68	90.76	5.9	33.42	7.9	25.4	0.52
F25	17 Aug 2023	62	11.64	90.70	5.8	33.43	7.9	25.4	0.49
F25	17 Aug 2023	63	11.62	90.84	5.8	33.43	7.9	25.4	0.48
F25	17 Aug 2023	64	11.62	90.88	5.8	33.44	7.9	25.4	0.46
F25	17 Aug 2023	65	11.60	90.97	5.8	33.44	7.9	25.5	0.46
F25	17 Aug 2023	66	11.59	90.95	5.8	33.44	7.9	25.5	0.48
F25	17 Aug 2023	67	11.55	90.81	5.7	33.45	7.9	25.5	0.47
F25	17 Aug 2023	68	11.51	89.72	5.6	33.46	7.8	25.5	0.47
F25	17 Aug 2023	69	11.51	89.01	5.6	33.46	7.8	25.5	0.45
F25	17 Aug 2023	70	11.50	89.12	5.6	33.46	7.8	25.5	0.43
F25	17 Aug 2023	71	11.49	89.26	5.6	33.47	7.8	25.5	0.41
F25	17 Aug 2023	72	11.48	89.35	5.6	33.47	7.8	25.5	0.40
F25	17 Aug 2023	73	11.47	89.36	5.6	33.47	7.8	25.5	0.40
F25	17 Aug 2023	74	11.47	89.50	5.6	33.47	7.8	25.5	0.40
F25	17 Aug 2023	75	11.47	89.71	5.6	33.47	7.8	25.5	0.40
F25	17 Aug 2023	76	11.46	89.82	5.5	33.47	7.8	25.5	0.39
F25	17 Aug 2023	77	11.44	89.83	5.5	33.47	7.8	25.5	0.37
F25	17 Aug 2023	78	11.40	89.56	5.4	33.47	7.8	25.5	0.33
F25	17 Aug 2023	79	11.39	89.49	5.3	33.47	7.8	25.5	0.30
F25	17 Aug 2023	80	11.29	89.33	5.2	33.49	7.8	25.5	0.28
F25	17 Aug 2023	81	11.25	82.95	5.1	33.50	7.8	25.6	0.24
F26	15 Aug 2023	1	21.40	86.61	7.9	33.46	8.2	23.2	0.44
F26	15 Aug 2023	2	21.39	88.22	7.9	33.46	8.2	23.2	0.44
F26	15 Aug 2023	3	21.35	88.21	7.9	33.46	8.2	23.2	0.47
F26	15 Aug 2023	4	21.29	88.24	7.9	33.46	8.2	23.2	0.50
F26	15 Aug 2023	5	21.03	88.10	8.0	33.45	8.2	23.3	0.51
F26	15 Aug 2023	6	19.83	87.71	8.1	33.40	8.2	23.6	0.53
F26	15 Aug 2023	7	18.53	87.41	8.4	33.36	8.2	23.9	0.55
F26	15 Aug 2023	8	17.86	87.96	8.5	33.34	8.2	24.0	0.59
F26	15 Aug 2023	9	17.19	88.62	8.6	33.31	8.2	24.2	0.62
F26	15 Aug 2023	10	16.71	89.00	8.6	33.29	8.2	24.3	0.59
F26	15 Aug 2023	11	16.33	89.26	8.8	33.28	8.2	24.3	0.59
F26	15 Aug 2023	12	15.97	89.58	8.8	33.27	8.2	24.4	0.57
F26	15 Aug 2023	13	15.62	90.43	8.8	33.26	8.2	24.5	0.53
F26	15 Aug 2023	14	15.51	90.76	8.9	33.26	8.2	24.5	0.54
F26	15 Aug 2023	15	15.27	90.54	8.9	33.25	8.2	24.6	0.59
F26	15 Aug 2023	16	15.02	90.33	8.9	33.24	8.2	24.6	0.67
F26	15 Aug 2023	17	14.96	90.28	9.0	33.24	8.2	24.6	0.75
F26	15 Aug 2023	18	14.92	90.35	9.0	33.24	8.2	24.6	0.78
F26	15 Aug 2023	19	14.75	90.44	9.0	33.25	8.2	24.7	0.85
F26	15 Aug 2023	20	14.60	90.52	9.0	33.25	8.2	24.7	0.84
F26	15 Aug 2023	21	14.49	90.64	9.0	33.26	8.2	24.7	0.85
F26	15 Aug 2023	22	14.25	90.44	8.9	33.26	8.2	24.8	0.93
F26	15 Aug 2023	23	13.85	89.73	8.7	33.27	8.1	24.9	1.23
F26	15 Aug 2023	24	13.67	89.31	8.6	33.27	8.1	24.9	1.42
F26	15 Aug 2023	25	13.59	89.15	8.3	33.28	8.1	24.9	1.49
F26	15 Aug 2023	26	13.54	89.94	8.0	33.30	8.1	25.0	1.39
F26	15 Aug 2023	27	13.53	90.52	7.9	33.30	8.1	25.0	1.27
F26	15 Aug 2023	28	13.49	90.45	7.8	33.30	8.1	25.0	1.22
F26	15 Aug 2023	29	13.43	90.42	7.8	33.31	8.1	25.0	1.17

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F26	15 Aug 2023	30	13.39	90.25	7.8	33.30	8.1	25.0	1.25
F26	15 Aug 2023	31	13.22	90.06	7.7	33.29	8.1	25.0	1.34
F26	15 Aug 2023	32	13.14	89.98	7.7	33.29	8.1	25.0	1.48
F26	15 Aug 2023	33	13.12	90.30	7.8	33.28	8.1	25.0	1.48
F26	15 Aug 2023	34	12.99	90.56	7.7	33.28	8.1	25.1	1.49
F26	15 Aug 2023	35	12.87	91.12	7.7	33.28	8.1	25.1	1.36
F26	15 Aug 2023	36	12.81	91.54	7.7	33.28	8.1	25.1	1.20
F26	15 Aug 2023	37	12.76	91.61	7.6	33.28	8.1	25.1	1.18
F26	15 Aug 2023	38	12.73	91.67	7.6	33.28	8.0	25.1	1.09
F26	15 Aug 2023	39	12.69	91.74	7.5	33.29	8.0	25.1	1.09
F26	15 Aug 2023	40	12.60	91.88	7.4	33.29	8.0	25.1	1.09
F26	15 Aug 2023	41	12.40	91.83	7.2	33.30	8.0	25.2	1.01
F26	15 Aug 2023	42	12.34	92.06	7.2	33.31	8.0	25.2	0.97
F26	15 Aug 2023	43	12.30	92.11	7.1	33.31	8.0	25.2	0.97
F26	15 Aug 2023	44	12.25	92.14	7.0	33.31	8.0	25.2	0.98
F26	15 Aug 2023	45	12.16	92.18	7.0	33.32	8.0	25.3	0.94
F26	15 Aug 2023	46	12.13	92.28	6.9	33.32	8.0	25.3	0.89
F26	15 Aug 2023	47	12.06	92.29	6.8	33.33	8.0	25.3	0.84
F26	15 Aug 2023	48	11.99	92.35	6.8	33.34	8.0	25.3	0.85
F26	15 Aug 2023	49	11.97	92.38	6.7	33.35	8.0	25.3	0.78
F26	15 Aug 2023	50	11.94	92.49	6.6	33.35	8.0	25.3	0.75
F26	15 Aug 2023	51	11.86	92.53	6.5	33.37	8.0	25.3	0.71
F26	15 Aug 2023	52	11.84	92.55	6.5	33.37	8.0	25.4	0.67
F26	15 Aug 2023	53	11.84	92.57	6.5	33.37	7.9	25.4	0.64
F26	15 Aug 2023	54	11.84	92.60	6.5	33.37	7.9	25.4	0.63
F26	15 Aug 2023	55	11.84	92.59	6.5	33.38	7.9	25.4	0.63
F26	15 Aug 2023	56	11.83	92.62	6.5	33.38	7.9	25.4	0.63
F26	15 Aug 2023	57	11.82	92.63	6.4	33.38	7.9	25.4	0.63
F26	15 Aug 2023	58	11.81	92.63	6.4	33.38	7.9	25.4	0.60
F26	15 Aug 2023	59	11.80	92.65	6.4	33.38	7.9	25.4	0.60
F26	15 Aug 2023	60	11.78	92.67	6.4	33.39	7.9	25.4	0.61
F26	15 Aug 2023	61	11.71	92.71	6.3	33.40	7.9	25.4	0.57
F26	15 Aug 2023	62	11.59	92.72	6.1	33.42	7.9	25.4	0.55
F26	15 Aug 2023	63	11.52	92.73	6.0	33.44	7.9	25.5	0.53
F26	15 Aug 2023	64	11.48	92.79	6.0	33.45	7.9	25.5	0.50
F26	15 Aug 2023	65	11.39	92.84	5.9	33.47	7.9	25.5	0.47
F26	15 Aug 2023	66	11.38	92.81	5.8	33.47	7.9	25.5	0.46
F26	15 Aug 2023	67	11.36	92.77	5.8	33.47	7.9	25.5	0.44
F26	15 Aug 2023	68	11.35	92.84	5.8	33.47	7.9	25.5	0.43
F26	15 Aug 2023	69	11.34	92.85	5.7	33.48	7.9	25.5	0.42
F26	15 Aug 2023	70	11.31	92.85	5.7	33.49	7.9	25.5	0.40
F26	15 Aug 2023	71	11.31	92.88	5.6	33.50	7.9	25.6	0.41
F26	15 Aug 2023	72	11.29	92.91	5.5	33.51	7.9	25.6	0.39
F26	15 Aug 2023	73	11.27	92.95	5.5	33.52	7.9	25.6	0.36
F26	15 Aug 2023	74	11.26	92.96	5.5	33.52	7.9	25.6	0.36
F26	15 Aug 2023	75	11.25	92.94	5.4	33.53	7.8	25.6	0.33
F26	15 Aug 2023	76	11.22	92.96	5.4	33.53	7.8	25.6	0.34
F26	15 Aug 2023	77	11.19	92.92	5.4	33.53	7.8	25.6	0.33
F26	15 Aug 2023	78	11.14	92.99	5.2	33.56	7.8	25.6	0.32
F26	15 Aug 2023	79	11.16	93.02	5.1	33.58	7.8	25.6	0.30
F26	15 Aug 2023	80	11.16	93.04	5.0	33.59	7.8	25.6	0.29
F26	15 Aug 2023	81	11.16	93.05	5.0	33.59	7.8	25.6	0.29
F26	15 Aug 2023	82	11.13	93.05	4.9	33.60	7.8	25.7	0.27
F26	15 Aug 2023	83	11.05	93.02	4.9	33.62	7.8	25.7	0.28
F26	15 Aug 2023	84	11.03	92.98	4.9	33.62	7.8	25.7	0.27
F26	15 Aug 2023	85	11.03	93.01	4.8	33.62	7.8	25.7	0.26
F26	15 Aug 2023	86	11.01	93.06	4.8	33.63	7.8	25.7	0.26
F26	15 Aug 2023	87	10.98	93.07	4.7	33.64	7.8	25.7	0.25
F26	15 Aug 2023	88	10.96	93.00	4.7	33.65	7.8	25.7	0.24
F26	15 Aug 2023	89	10.93	92.96	4.6	33.66	7.8	25.7	0.24
F26	15 Aug 2023	90	10.92	92.91	4.5	33.67	7.8	25.8	0.25

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F26	15 Aug 2023	91	10.91	92.90	4.4	33.69	7.8	25.8	0.23
F26	15 Aug 2023	92	10.90	92.81	4.3	33.71	7.8	25.8	0.22
F26	15 Aug 2023	93	10.90	92.76	4.2	33.72	7.8	25.8	0.21
F26	15 Aug 2023	94	10.90	92.71	4.2	33.72	7.8	25.8	0.21
F26	15 Aug 2023	95	10.90	92.74	4.1	33.73	7.8	25.8	0.21
F26	15 Aug 2023	96	10.89	92.82	4.1	33.73	7.8	25.8	0.20
F26	15 Aug 2023	97	10.88	92.74	4.0	33.75	7.7	25.8	0.20
F26	15 Aug 2023	98	10.86	92.47	3.9	33.77	7.7	25.8	0.22
F26	15 Aug 2023	99	10.81	91.05	3.7	33.80	7.7	25.9	0.20
F26	15 Aug 2023	100	10.80	NA	3.6	33.80	7.7	25.9	0.19
F27	15 Aug 2023	1	21.39	88.13	7.9	33.47	8.2	23.2	0.46
F27	15 Aug 2023	2	21.40	88.03	7.9	33.47	8.2	23.2	0.45
F27	15 Aug 2023	3	21.40	88.10	7.9	33.47	8.2	23.2	0.48
F27	15 Aug 2023	4	21.39	88.07	7.9	33.47	8.2	23.2	0.49
F27	15 Aug 2023	5	21.29	88.07	7.9	33.47	8.2	23.2	0.54
F27	15 Aug 2023	6	21.22	88.04	7.9	33.46	8.2	23.3	0.56
F27	15 Aug 2023	7	19.99	88.04	8.2	33.37	8.2	23.5	0.55
F27	15 Aug 2023	8	18.69	87.67	8.5	33.37	8.2	23.9	0.61
F27	15 Aug 2023	9	18.34	87.84	8.6	33.34	8.2	23.9	0.64
F27	15 Aug 2023	10	17.56	88.39	8.6	33.32	8.2	24.1	0.64
F27	15 Aug 2023	11	16.76	88.62	8.8	33.29	8.2	24.3	0.71
F27	15 Aug 2023	12	16.25	88.28	8.8	33.27	8.2	24.4	0.72
F27	15 Aug 2023	13	15.93	88.85	8.9	33.26	8.2	24.4	0.76
F27	15 Aug 2023	14	15.67	89.37	8.9	33.25	8.2	24.5	0.69
F27	15 Aug 2023	15	15.44	89.73	8.9	33.24	8.2	24.5	0.66
F27	15 Aug 2023	16	15.30	90.33	8.9	33.24	8.2	24.6	0.59
F27	15 Aug 2023	17	15.14	91.00	8.9	33.24	8.2	24.6	0.57
F27	15 Aug 2023	18	14.97	91.27	9.0	33.23	8.2	24.6	0.57
F27	15 Aug 2023	19	14.80	91.19	9.0	33.23	8.2	24.6	0.60
F27	15 Aug 2023	20	14.60	90.98	9.0	33.23	8.2	24.7	0.70
F27	15 Aug 2023	21	14.53	90.47	9.0	33.23	8.2	24.7	0.89
F27	15 Aug 2023	22	14.47	90.02	8.9	33.23	8.2	24.7	1.05
F27	15 Aug 2023	23	14.42	89.52	9.0	33.24	8.2	24.7	1.26
F27	15 Aug 2023	24	14.26	89.26	8.9	33.24	8.2	24.8	1.54
F27	15 Aug 2023	25	14.01	88.82	8.8	33.24	8.2	24.8	1.74
F27	15 Aug 2023	26	13.80	88.64	8.8	33.24	8.1	24.9	1.86
F27	15 Aug 2023	27	13.74	89.14	8.8	33.24	8.1	24.9	1.88
F27	15 Aug 2023	28	13.64	89.43	8.8	33.25	8.1	24.9	1.93
F27	15 Aug 2023	29	13.51	89.13	8.6	33.26	8.1	24.9	1.93
F27	15 Aug 2023	30	13.35	88.66	8.4	33.26	8.1	25.0	2.20
F27	15 Aug 2023	31	13.18	88.46	8.2	33.27	8.1	25.0	2.24
F27	15 Aug 2023	32	13.05	89.15	8.0	33.28	8.1	25.1	2.04
F27	15 Aug 2023	33	13.01	89.98	7.9	33.28	8.1	25.1	1.83
F27	15 Aug 2023	34	12.96	90.45	7.7	33.29	8.1	25.1	1.59
F27	15 Aug 2023	35	12.92	90.93	7.5	33.30	8.0	25.1	1.34
F27	15 Aug 2023	36	12.91	91.22	7.5	33.30	8.0	25.1	1.16
F27	15 Aug 2023	37	12.88	91.24	7.5	33.29	8.0	25.1	1.18
F27	15 Aug 2023	38	12.77	91.32	7.5	33.29	8.0	25.1	1.09
F27	15 Aug 2023	39	12.73	91.61	7.5	33.29	8.0	25.1	1.06
F27	15 Aug 2023	40	12.64	91.84	7.4	33.31	8.0	25.2	1.00
F27	15 Aug 2023	41	12.56	92.06	7.3	33.31	8.0	25.2	0.91
F27	15 Aug 2023	42	12.51	92.07	7.2	33.31	8.0	25.2	0.88
F27	15 Aug 2023	43	12.43	92.17	7.1	33.31	8.0	25.2	0.86
F27	15 Aug 2023	44	12.34	92.20	7.0	33.32	8.0	25.2	0.87
F27	15 Aug 2023	45	12.25	92.23	7.0	33.32	8.0	25.2	0.82
F27	15 Aug 2023	46	12.16	92.32	6.9	33.33	8.0	25.3	0.81
F27	15 Aug 2023	47	12.12	92.41	6.8	33.33	8.0	25.3	0.79
F27	15 Aug 2023	48	12.04	92.37	6.8	33.34	8.0	25.3	0.80
F27	15 Aug 2023	49	11.95	92.43	6.7	33.35	8.0	25.3	0.78
F27	15 Aug 2023	50	11.87	92.50	6.6	33.36	8.0	25.3	0.73

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F27	15 Aug 2023	51	11.84	92.51	6.5	33.37	8.0	25.4	0.67
F27	15 Aug 2023	52	11.82	92.58	6.5	33.37	8.0	25.4	0.65
F27	15 Aug 2023	53	11.81	92.55	6.5	33.37	7.9	25.4	0.64
F27	15 Aug 2023	54	11.76	92.54	6.5	33.37	7.9	25.4	0.65
F27	15 Aug 2023	55	11.74	92.60	6.4	33.38	7.9	25.4	0.63
F27	15 Aug 2023	56	11.71	92.57	6.3	33.39	7.9	25.4	0.67
F27	15 Aug 2023	57	11.60	92.49	6.2	33.41	7.9	25.4	0.61
F27	15 Aug 2023	58	11.53	92.58	6.1	33.43	7.9	25.5	0.56
F27	15 Aug 2023	59	11.46	92.63	6.0	33.44	7.9	25.5	0.52
F27	15 Aug 2023	60	11.44	92.55	5.9	33.44	7.9	25.5	0.48
F27	15 Aug 2023	61	11.43	92.34	5.9	33.45	7.9	25.5	0.46
F27	15 Aug 2023	62	11.40	92.31	5.8	33.45	7.9	25.5	0.43
F27	15 Aug 2023	63	11.40	92.27	5.8	33.46	7.9	25.5	0.41
F27	15 Aug 2023	64	11.37	92.22	5.7	33.46	7.9	25.5	0.42
F27	15 Aug 2023	65	11.36	92.51	5.8	33.47	7.9	25.5	0.42
F27	15 Aug 2023	66	11.36	92.80	5.8	33.47	7.9	25.5	0.42
F27	15 Aug 2023	67	11.35	92.81	5.8	33.47	7.9	25.5	0.42
F27	15 Aug 2023	68	11.35	92.80	5.8	33.47	7.9	25.5	0.42
F27	15 Aug 2023	69	11.34	92.83	5.7	33.48	7.9	25.5	0.43
F27	15 Aug 2023	70	11.31	92.85	5.6	33.49	7.9	25.5	0.40
F27	15 Aug 2023	71	11.30	92.87	5.6	33.50	7.9	25.6	0.40
F27	15 Aug 2023	72	11.29	92.87	5.5	33.51	7.9	25.6	0.37
F27	15 Aug 2023	73	11.26	92.86	5.5	33.52	7.9	25.6	0.37
F27	15 Aug 2023	74	11.26	92.80	5.5	33.52	7.8	25.6	0.36
F27	15 Aug 2023	75	11.24	92.93	5.4	33.52	7.8	25.6	0.36
F27	15 Aug 2023	76	11.22	92.95	5.4	33.53	7.8	25.6	0.34
F27	15 Aug 2023	77	11.19	92.96	5.3	33.55	7.8	25.6	0.33
F27	15 Aug 2023	78	11.16	92.99	5.2	33.56	7.8	25.6	0.31
F27	15 Aug 2023	79	11.11	92.99	5.1	33.59	7.8	25.7	0.29
F27	15 Aug 2023	80	11.10	92.99	5.0	33.59	7.8	25.7	0.29
F27	15 Aug 2023	81	11.10	92.97	5.0	33.59	7.8	25.7	0.28
F27	15 Aug 2023	82	11.09	92.96	5.0	33.60	7.8	25.7	0.28
F27	15 Aug 2023	83	11.08	92.93	5.0	33.60	7.8	25.7	0.28
F27	15 Aug 2023	84	11.05	92.88	4.9	33.61	7.8	25.7	0.27
F27	15 Aug 2023	85	11.00	92.74	4.8	33.64	7.8	25.7	0.27
F27	15 Aug 2023	86	11.00	92.53	4.7	33.64	7.8	25.7	0.26
F27	15 Aug 2023	87	10.98	92.37	4.6	33.65	7.8	25.7	0.26
F27	15 Aug 2023	88	10.96	91.88	4.6	33.66	7.8	25.7	0.25
F27	15 Aug 2023	89	10.95	91.54	4.5	33.66	7.8	25.7	0.25
F27	15 Aug 2023	90	10.95	91.41	4.5	33.67	7.8	25.7	0.24
F27	15 Aug 2023	91	10.93	91.30	4.4	33.67	7.8	25.8	0.24
F27	15 Aug 2023	92	10.92	90.95	4.4	33.68	7.8	25.8	0.25
F27	15 Aug 2023	93	10.92	90.88	4.4	33.68	7.8	25.8	0.24
F27	15 Aug 2023	94	10.91	90.89	4.3	33.69	7.8	25.8	0.24
F27	15 Aug 2023	95	10.90	90.85	4.3	33.69	7.8	25.8	0.23
F27	15 Aug 2023	96	10.89	90.89	4.3	33.70	7.8	25.8	0.23
F27	15 Aug 2023	97	10.88	90.54	4.2	33.71	7.8	25.8	0.23
F27	15 Aug 2023	98	10.87	90.48	4.2	33.71	7.8	25.8	0.23
F27	15 Aug 2023	99	10.84	90.06	4.1	33.73	7.8	25.8	0.24
F27	15 Aug 2023	100	10.85	89.24	4.1	33.73	7.7	25.8	0.22
F28	15 Aug 2023	1	21.23	87.98	8.0	33.46	8.2	23.3	0.44
F28	15 Aug 2023	2	21.24	88.53	8.0	33.46	8.2	23.3	0.45
F28	15 Aug 2023	3	21.21	88.52	8.0	33.46	8.2	23.3	0.46
F28	15 Aug 2023	4	21.19	88.60	8.0	33.46	8.2	23.3	0.48
F28	15 Aug 2023	5	21.08	88.58	8.0	33.46	8.2	23.3	0.48
F28	15 Aug 2023	6	20.45	88.61	8.1	33.45	8.2	23.5	0.50
F28	15 Aug 2023	7	19.14	88.38	8.4	33.40	8.2	23.8	0.54
F28	15 Aug 2023	8	18.38	87.93	8.6	33.37	8.2	23.9	0.61
F28	15 Aug 2023	9	18.09	88.32	8.8	33.35	8.2	24.0	0.63
F28	15 Aug 2023	10	17.84	88.59	8.7	33.34	8.2	24.0	0.63

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F28	15 Aug 2023	11	17.24	88.61	8.7	33.32	8.2	24.2	0.67
F28	15 Aug 2023	12	16.59	88.67	8.8	33.31	8.2	24.3	0.67
F28	15 Aug 2023	13	16.31	88.73	8.8	33.29	8.2	24.4	0.73
F28	15 Aug 2023	14	15.74	88.61	8.8	33.27	8.2	24.5	0.75
F28	15 Aug 2023	15	15.28	89.28	8.8	33.26	8.2	24.6	0.76
F28	15 Aug 2023	16	15.10	90.26	8.9	33.24	8.2	24.6	0.70
F28	15 Aug 2023	17	14.84	90.88	8.9	33.23	8.2	24.6	0.65
F28	15 Aug 2023	18	14.61	90.84	8.9	33.23	8.2	24.7	0.67
F28	15 Aug 2023	19	14.44	90.58	9.0	33.23	8.2	24.7	0.80
F28	15 Aug 2023	20	14.28	90.17	9.0	33.23	8.2	24.8	0.99
F28	15 Aug 2023	21	14.21	89.49	8.9	33.23	8.2	24.8	1.29
F28	15 Aug 2023	22	13.94	88.83	8.8	33.25	8.2	24.8	1.61
F28	15 Aug 2023	23	13.82	88.83	8.8	33.24	8.1	24.9	1.86
F28	15 Aug 2023	24	13.77	89.01	8.7	33.24	8.1	24.9	1.96
F28	15 Aug 2023	25	13.70	89.13	8.7	33.24	8.1	24.9	2.04
F28	15 Aug 2023	26	13.63	89.29	8.7	33.25	8.1	24.9	1.91
F28	15 Aug 2023	27	13.54	89.43	8.5	33.25	8.1	24.9	1.96
F28	15 Aug 2023	28	13.33	89.24	8.4	33.26	8.1	25.0	2.05
F28	15 Aug 2023	29	13.22	88.93	8.3	33.27	8.1	25.0	2.20
F28	15 Aug 2023	30	13.14	89.19	8.1	33.27	8.1	25.0	2.23
F28	15 Aug 2023	31	13.04	89.53	7.9	33.27	8.1	25.0	1.99
F28	15 Aug 2023	32	12.93	89.90	7.9	33.28	8.1	25.1	1.81
F28	15 Aug 2023	33	12.88	90.24	7.8	33.29	8.1	25.1	1.73
F28	15 Aug 2023	34	12.83	90.25	7.8	33.29	8.1	25.1	1.64
F28	15 Aug 2023	35	12.77	90.32	7.7	33.30	8.1	25.1	1.66
F28	15 Aug 2023	36	12.76	90.53	7.6	33.30	8.0	25.1	1.69
F28	15 Aug 2023	37	12.75	90.60	7.6	33.30	8.0	25.1	1.61
F28	15 Aug 2023	38	12.74	90.69	7.5	33.30	8.0	25.1	1.55
F28	15 Aug 2023	39	12.69	90.83	7.4	33.30	8.0	25.1	1.50
F28	15 Aug 2023	40	12.66	91.00	7.3	33.31	8.0	25.2	1.45
F28	15 Aug 2023	41	12.65	91.18	7.3	33.31	8.0	25.2	1.30
F28	15 Aug 2023	42	12.64	91.41	7.2	33.31	8.0	25.2	1.13
F28	15 Aug 2023	43	12.57	91.62	7.1	33.32	8.0	25.2	1.00
F28	15 Aug 2023	44	12.49	91.84	7.0	33.33	8.0	25.2	0.88
F28	15 Aug 2023	45	12.47	91.95	6.8	33.33	8.0	25.2	0.84
F28	15 Aug 2023	46	12.44	91.87	6.8	33.34	8.0	25.2	0.73
F28	15 Aug 2023	47	12.40	91.93	6.7	33.34	8.0	25.2	0.74
F28	15 Aug 2023	48	12.36	92.02	6.7	33.34	8.0	25.2	0.67
F28	15 Aug 2023	49	12.29	92.08	6.7	33.34	8.0	25.2	0.65
F28	15 Aug 2023	50	12.25	92.07	6.6	33.35	8.0	25.3	0.63
F28	15 Aug 2023	51	12.22	91.97	6.5	33.35	8.0	25.3	0.59
F28	15 Aug 2023	52	12.16	91.83	6.4	33.36	8.0	25.3	0.57
F28	15 Aug 2023	53	12.12	91.64	6.4	33.37	7.9	25.3	0.57
F28	15 Aug 2023	54	12.04	91.61	6.4	33.37	7.9	25.3	0.54
F28	15 Aug 2023	55	11.92	91.96	6.4	33.37	7.9	25.3	0.57
F28	15 Aug 2023	56	11.79	92.32	6.3	33.38	7.9	25.4	0.61
F28	15 Aug 2023	57	11.78	92.43	6.3	33.38	7.9	25.4	0.61
F28	15 Aug 2023	58	11.73	92.39	6.3	33.39	7.9	25.4	0.61
F28	15 Aug 2023	59	11.69	92.32	6.2	33.40	7.9	25.4	0.59
F28	15 Aug 2023	60	11.65	92.04	6.1	33.41	7.9	25.4	0.56
F28	15 Aug 2023	61	11.63	91.99	6.1	33.41	7.9	25.4	0.55
F28	15 Aug 2023	62	11.60	91.58	5.9	33.41	7.9	25.4	0.51
F28	15 Aug 2023	63	11.55	91.05	5.8	33.42	7.9	25.4	0.51
F28	15 Aug 2023	64	11.52	91.13	5.8	33.43	7.9	25.5	0.47
F28	15 Aug 2023	65	11.50	92.12	5.8	33.45	7.9	25.5	0.47
F28	15 Aug 2023	66	11.49	92.49	5.8	33.45	7.9	25.5	0.47
F28	15 Aug 2023	67	11.45	92.23	5.7	33.46	7.9	25.5	0.46
F28	15 Aug 2023	68	11.41	91.98	5.6	33.48	7.9	25.5	0.43
F28	15 Aug 2023	69	11.38	92.26	5.5	33.49	7.9	25.5	0.41
F28	15 Aug 2023	70	11.35	92.24	5.5	33.50	7.9	25.5	0.40
F28	15 Aug 2023	71	11.32	91.83	5.4	33.49	7.8	25.5	0.37

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F28	15 Aug 2023	72	11.28	91.32	5.2	33.49	7.8	25.6	0.34
F28	15 Aug 2023	73	11.21	90.25	5.0	33.49	7.8	25.6	0.30
F28	15 Aug 2023	74	11.17	89.13	4.8	33.49	7.8	25.6	0.28
F28	15 Aug 2023	75	11.17	88.41	4.8	33.49	7.8	25.6	0.27
F28	15 Aug 2023	76	11.19	88.54	4.8	33.51	7.8	25.6	0.27
F28	15 Aug 2023	77	11.21	90.12	5.0	33.52	7.8	25.6	0.28
F28	15 Aug 2023	78	11.22	91.68	5.1	33.55	7.8	25.6	0.31
F28	15 Aug 2023	79	11.21	91.84	5.2	33.55	7.8	25.6	0.32
F28	15 Aug 2023	80	11.18	91.05	5.1	33.56	7.8	25.6	0.33
F28	15 Aug 2023	81	11.16	90.61	5.1	33.57	7.8	25.6	0.33
F28	15 Aug 2023	82	11.16	90.79	5.1	33.57	7.8	25.6	0.33
F28	15 Aug 2023	83	11.16	90.77	5.1	33.57	7.8	25.6	0.32
F28	15 Aug 2023	84	11.14	91.20	5.0	33.58	7.8	25.6	0.32
F28	15 Aug 2023	85	11.10	92.49	5.0	33.59	7.8	25.7	0.31
F28	15 Aug 2023	86	11.04	92.39	4.8	33.62	7.8	25.7	0.28
F28	15 Aug 2023	87	11.01	91.33	4.7	33.63	7.8	25.7	0.28
F28	15 Aug 2023	88	10.99	91.05	4.7	33.64	7.8	25.7	0.28
F28	15 Aug 2023	89	10.99	91.06	4.6	33.65	7.8	25.7	0.27
F28	15 Aug 2023	90	10.99	91.24	4.6	33.65	7.8	25.7	0.25
F28	15 Aug 2023	91	10.99	91.31	4.6	33.65	7.8	25.7	0.24
F28	15 Aug 2023	92	10.97	91.31	4.5	33.65	7.8	25.7	0.24
F28	15 Aug 2023	93	10.95	90.78	4.4	33.65	7.8	25.7	0.23
F28	15 Aug 2023	94	10.96	90.96	4.3	33.67	7.8	25.7	0.22
F28	15 Aug 2023	95	10.92	91.99	4.3	33.71	7.8	25.8	0.22
F28	15 Aug 2023	96	10.90	92.35	4.2	33.71	7.8	25.8	0.22
F28	15 Aug 2023	97	10.84	91.86	4.2	33.72	7.8	25.8	0.22
F28	15 Aug 2023	98	10.83	91.26	4.1	33.73	7.7	25.8	0.21
F28	15 Aug 2023	99	10.81	90.66	4.0	33.75	7.7	25.8	0.21
F28	15 Aug 2023	100	10.80	89.63	3.9	33.76	7.7	25.8	0.21
F29	15 Aug 2023	1	21.23	88.17	8.0	33.45	8.2	23.3	0.47
F29	15 Aug 2023	2	21.26	88.27	8.0	33.46	8.2	23.3	0.47
F29	15 Aug 2023	3	21.18	88.20	8.0	33.46	8.2	23.3	0.50
F29	15 Aug 2023	4	21.01	88.28	8.0	33.44	8.2	23.3	0.48
F29	15 Aug 2023	5	20.03	88.36	8.4	33.40	8.2	23.5	0.49
F29	15 Aug 2023	6	19.00	88.47	8.6	33.37	8.2	23.8	0.49
F29	15 Aug 2023	7	18.06	88.67	8.7	33.34	8.2	24.0	0.49
F29	15 Aug 2023	8	17.66	88.85	8.8	33.33	8.2	24.1	0.53
F29	15 Aug 2023	9	17.40	88.88	8.8	33.31	8.2	24.1	0.56
F29	15 Aug 2023	10	16.86	89.02	8.8	33.30	8.2	24.2	0.59
F29	15 Aug 2023	11	16.59	89.09	8.9	33.29	8.2	24.3	0.66
F29	15 Aug 2023	12	16.36	89.19	8.9	33.28	8.2	24.3	0.68
F29	15 Aug 2023	13	15.95	89.22	8.9	33.28	8.2	24.4	0.73
F29	15 Aug 2023	14	15.67	89.19	8.8	33.26	8.2	24.5	0.80
F29	15 Aug 2023	15	15.19	89.38	8.8	33.25	8.2	24.6	0.85
F29	15 Aug 2023	16	14.97	90.05	8.9	33.25	8.2	24.6	0.80
F29	15 Aug 2023	17	14.84	90.64	8.9	33.23	8.2	24.6	0.80
F29	15 Aug 2023	18	14.50	90.48	8.8	33.23	8.2	24.7	0.85
F29	15 Aug 2023	19	14.30	90.00	8.8	33.23	8.2	24.8	1.05
F29	15 Aug 2023	20	14.16	89.55	8.8	33.23	8.1	24.8	1.29
F29	15 Aug 2023	21	14.03	88.83	8.8	33.23	8.1	24.8	1.61
F29	15 Aug 2023	22	13.84	88.37	8.7	33.24	8.1	24.9	1.95
F29	15 Aug 2023	23	13.77	88.10	8.6	33.24	8.1	24.9	2.16
F29	15 Aug 2023	24	13.68	88.35	8.4	33.24	8.1	24.9	2.22
F29	15 Aug 2023	25	13.54	89.15	8.4	33.24	8.1	24.9	2.10
F29	15 Aug 2023	26	13.43	89.80	8.3	33.24	8.1	24.9	2.03
F29	15 Aug 2023	27	13.27	89.86	8.2	33.25	8.1	25.0	1.90
F29	15 Aug 2023	28	13.02	89.82	8.0	33.27	8.1	25.1	1.81
F29	15 Aug 2023	29	12.93	90.24	7.8	33.27	8.1	25.1	1.68
F29	15 Aug 2023	30	12.88	90.52	7.8	33.27	8.1	25.1	1.61
F29	15 Aug 2023	31	12.86	90.68	7.8	33.27	8.1	25.1	1.57

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F29	15 Aug 2023	32	12.77	90.72	7.6	33.28	8.1	25.1	1.52
F29	15 Aug 2023	33	12.65	90.83	7.5	33.30	8.0	25.1	1.51
F29	15 Aug 2023	34	12.56	91.00	7.4	33.30	8.0	25.2	1.49
F29	15 Aug 2023	35	12.48	91.18	7.2	33.32	8.0	25.2	1.48
F29	15 Aug 2023	36	12.44	91.30	7.2	33.32	8.0	25.2	1.41
F29	15 Aug 2023	37	12.38	91.52	7.0	33.33	8.0	25.2	1.22
F29	15 Aug 2023	38	12.37	91.52	6.9	33.33	8.0	25.2	1.12
F29	15 Aug 2023	39	12.38	91.56	6.9	33.33	8.0	25.2	1.01
F29	15 Aug 2023	40	12.37	91.54	6.8	33.34	8.0	25.2	0.94
F29	15 Aug 2023	41	12.36	91.55	6.8	33.34	8.0	25.2	0.85
F29	15 Aug 2023	42	12.35	91.60	6.7	33.35	8.0	25.2	0.82
F29	15 Aug 2023	43	12.35	91.58	6.6	33.35	8.0	25.2	0.74
F29	15 Aug 2023	44	12.35	91.62	6.7	33.35	8.0	25.2	0.70
F29	15 Aug 2023	45	12.33	91.64	6.6	33.35	8.0	25.2	0.63
F29	15 Aug 2023	46	12.29	91.56	6.5	33.36	8.0	25.3	0.60
F29	15 Aug 2023	47	12.26	91.34	6.5	33.36	8.0	25.3	0.60
F29	15 Aug 2023	48	12.23	91.15	6.5	33.37	7.9	25.3	0.54
F29	15 Aug 2023	49	12.21	91.05	6.4	33.37	7.9	25.3	0.53
F29	15 Aug 2023	50	12.19	91.26	6.4	33.37	7.9	25.3	0.52
F29	15 Aug 2023	51	12.17	91.46	6.4	33.37	7.9	25.3	0.53
F29	15 Aug 2023	52	12.15	91.55	6.4	33.37	7.9	25.3	0.55
F29	15 Aug 2023	53	12.12	91.60	6.4	33.37	7.9	25.3	0.52
F29	15 Aug 2023	54	11.99	91.64	6.4	33.37	7.9	25.3	0.56
F29	15 Aug 2023	55	11.89	92.07	6.4	33.38	7.9	25.3	0.60
F29	15 Aug 2023	56	11.85	92.31	6.3	33.38	7.9	25.4	0.62
F29	15 Aug 2023	57	11.73	92.45	6.2	33.41	7.9	25.4	0.61
F29	15 Aug 2023	58	11.62	92.44	6.1	33.42	7.9	25.4	0.62
F29	15 Aug 2023	59	11.55	92.37	6.0	33.43	7.9	25.5	0.61
F29	15 Aug 2023	60	11.44	92.24	5.8	33.45	7.9	25.5	0.55
F29	15 Aug 2023	61	11.43	92.27	5.8	33.45	7.9	25.5	0.48
F29	15 Aug 2023	62	11.40	92.29	5.7	33.45	7.9	25.5	0.43
F29	15 Aug 2023	63	11.33	92.13	5.5	33.46	7.9	25.5	0.39
F29	15 Aug 2023	64	11.29	91.83	5.4	33.46	7.8	25.5	0.33
F29	15 Aug 2023	65	11.28	91.24	5.3	33.46	7.8	25.5	0.31
F29	15 Aug 2023	66	11.27	91.10	5.2	33.47	7.8	25.5	0.29
F29	15 Aug 2023	67	11.25	90.88	5.2	33.47	7.8	25.5	0.28
F29	15 Aug 2023	68	11.24	90.73	5.1	33.47	7.8	25.5	0.28
F29	15 Aug 2023	69	11.23	90.65	5.0	33.46	7.8	25.5	0.27
F29	15 Aug 2023	70	11.25	89.99	5.1	33.48	7.8	25.5	0.27
F29	15 Aug 2023	71	11.26	91.35	5.2	33.48	7.8	25.5	0.28
F29	15 Aug 2023	72	11.28	91.92	5.3	33.49	7.8	25.6	0.28
F29	15 Aug 2023	73	11.29	92.23	5.3	33.50	7.8	25.6	0.31
F29	15 Aug 2023	74	11.31	81.73	5.3	33.51	7.8	25.6	0.35
F29	15 Aug 2023	75	11.29	87.03	5.3	33.53	7.8	25.6	0.36
F29	15 Aug 2023	76	11.28	91.81	5.3	33.53	7.8	25.6	0.38
F29	15 Aug 2023	77	11.25	91.85	5.2	33.53	7.8	25.6	0.36
F29	15 Aug 2023	78	11.22	91.77	5.1	33.53	7.8	25.6	0.35
F29	15 Aug 2023	79	11.20	91.24	5.0	33.53	7.8	25.6	0.36
F29	15 Aug 2023	80	11.16	90.54	4.9	33.52	7.8	25.6	0.36
F29	15 Aug 2023	81	11.14	88.91	4.8	33.53	7.8	25.6	0.33
F29	15 Aug 2023	82	11.14	89.44	4.9	33.53	7.8	25.6	0.31
F29	15 Aug 2023	83	11.19	89.93	5.0	33.55	7.8	25.6	0.32
F29	15 Aug 2023	84	11.18	89.68	5.1	33.55	7.8	25.6	0.34
F29	15 Aug 2023	85	11.16	90.08	5.0	33.55	7.8	25.6	0.33
F29	15 Aug 2023	86	11.07	90.13	4.7	33.55	7.8	25.6	0.30
F29	15 Aug 2023	87	11.05	89.79	4.6	33.56	7.8	25.6	0.28
F29	15 Aug 2023	88	11.05	89.37	4.6	33.58	7.8	25.7	0.26
F29	15 Aug 2023	89	11.03	90.74	4.7	33.60	7.8	25.7	0.27
F29	15 Aug 2023	90	11.00	91.33	4.7	33.62	7.8	25.7	0.27
F29	15 Aug 2023	91	10.99	91.68	4.6	33.63	7.8	25.7	0.27
F29	15 Aug 2023	92	10.98	91.75	4.6	33.63	7.8	25.7	0.27

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F29	15 Aug 2023	93	10.97	91.77	4.6	33.63	7.8	25.7	0.26
F29	15 Aug 2023	94	10.95	91.73	4.5	33.65	7.8	25.7	0.26
F29	15 Aug 2023	95	10.94	91.67	4.5	33.65	7.8	25.7	0.26
F29	15 Aug 2023	96	10.90	91.51	4.4	33.67	7.8	25.8	0.25
F29	15 Aug 2023	97	10.88	91.44	4.3	33.69	7.8	25.8	0.25
F29	15 Aug 2023	98	10.83	91.47	4.2	33.71	7.8	25.8	0.25
F29	15 Aug 2023	99	10.76	91.20	4.0	33.76	7.7	25.9	0.24
F29	15 Aug 2023	100	10.77	89.92	4.0	33.75	7.7	25.8	0.23
F30	15 Aug 2023	1	21.15	87.81	8.0	33.45	8.2	23.3	0.48
F30	15 Aug 2023	2	21.18	87.89	8.0	33.46	8.2	23.3	0.50
F30	15 Aug 2023	3	21.09	87.92	8.1	33.45	8.2	23.3	0.51
F30	15 Aug 2023	4	20.64	87.83	8.1	33.43	8.2	23.4	0.51
F30	15 Aug 2023	5	19.43	87.83	8.4	33.36	8.2	23.7	0.49
F30	15 Aug 2023	6	18.36	88.35	8.8	33.36	8.2	23.9	0.46
F30	15 Aug 2023	7	17.92	88.81	8.7	33.33	8.2	24.0	0.46
F30	15 Aug 2023	8	17.10	88.91	8.8	33.32	8.2	24.2	0.51
F30	15 Aug 2023	9	16.89	89.15	8.9	33.31	8.2	24.2	0.55
F30	15 Aug 2023	10	16.25	89.42	8.8	33.29	8.2	24.4	0.59
F30	15 Aug 2023	11	15.91	89.45	8.8	33.28	8.2	24.4	0.64
F30	15 Aug 2023	12	15.53	89.50	8.8	33.26	8.2	24.5	0.64
F30	15 Aug 2023	13	15.36	89.84	8.9	33.26	8.2	24.5	0.67
F30	15 Aug 2023	14	15.23	89.90	8.9	33.25	8.2	24.6	0.69
F30	15 Aug 2023	15	15.09	89.99	8.9	33.25	8.2	24.6	0.72
F30	15 Aug 2023	16	14.96	90.13	8.9	33.25	8.2	24.6	0.77
F30	15 Aug 2023	17	14.86	90.26	8.9	33.25	8.2	24.7	0.79
F30	15 Aug 2023	18	14.53	90.23	8.8	33.25	8.2	24.7	0.92
F30	15 Aug 2023	19	14.30	90.13	8.8	33.24	8.1	24.8	1.10
F30	15 Aug 2023	20	14.10	89.57	8.8	33.23	8.1	24.8	1.31
F30	15 Aug 2023	21	13.94	88.88	8.7	33.23	8.1	24.8	1.62
F30	15 Aug 2023	22	13.67	88.23	8.5	33.24	8.1	24.9	1.96
F30	15 Aug 2023	23	13.52	88.58	8.3	33.24	8.1	24.9	1.90
F30	15 Aug 2023	24	13.31	89.94	8.2	33.23	8.1	25.0	1.75
F30	15 Aug 2023	25	13.27	90.36	8.2	33.23	8.1	25.0	1.62
F30	15 Aug 2023	26	13.21	90.40	8.1	33.24	8.1	25.0	1.62
F30	15 Aug 2023	27	13.17	90.37	8.0	33.24	8.1	25.0	1.63
F30	15 Aug 2023	28	13.05	90.45	7.8	33.25	8.1	25.0	1.57
F30	15 Aug 2023	29	12.76	90.65	7.6	33.28	8.1	25.1	1.48
F30	15 Aug 2023	30	12.59	91.07	7.5	33.29	8.0	25.1	1.40
F30	15 Aug 2023	31	12.57	91.33	7.4	33.29	8.0	25.2	1.29
F30	15 Aug 2023	32	12.55	91.33	7.4	33.29	8.0	25.2	1.25
F30	15 Aug 2023	33	12.55	91.30	7.4	33.30	8.0	25.2	1.27
F30	15 Aug 2023	34	12.52	91.26	7.3	33.30	8.0	25.2	1.29
F30	15 Aug 2023	35	12.47	91.32	7.3	33.30	8.0	25.2	1.29
F30	15 Aug 2023	36	12.39	91.48	7.2	33.31	8.0	25.2	1.18
F30	15 Aug 2023	37	12.25	91.77	7.0	33.32	8.0	25.2	1.10
F30	15 Aug 2023	38	12.20	91.96	6.9	33.32	8.0	25.2	1.00
F30	15 Aug 2023	39	12.19	91.96	6.9	33.33	8.0	25.3	0.94
F30	15 Aug 2023	40	12.17	91.94	6.9	33.33	8.0	25.3	0.87
F30	15 Aug 2023	41	12.17	91.89	6.8	33.33	8.0	25.3	0.87
F30	15 Aug 2023	42	12.16	91.95	6.7	33.33	8.0	25.3	0.80
F30	15 Aug 2023	43	12.17	91.80	6.6	33.34	8.0	25.3	0.76
F30	15 Aug 2023	44	12.14	91.66	6.5	33.36	8.0	25.3	0.65
F30	15 Aug 2023	45	12.11	91.33	6.4	33.37	7.9	25.3	0.56
F30	15 Aug 2023	46	12.04	91.26	6.3	33.38	7.9	25.3	0.52
F30	15 Aug 2023	47	12.00	91.34	6.3	33.38	7.9	25.3	0.50
F30	15 Aug 2023	48	11.95	91.76	6.4	33.38	7.9	25.3	0.54
F30	15 Aug 2023	49	11.93	91.97	6.3	33.38	7.9	25.3	0.52
F30	15 Aug 2023	50	11.80	92.16	6.3	33.40	7.9	25.4	0.54
F30	15 Aug 2023	51	11.76	92.44	6.2	33.41	7.9	25.4	0.54
F30	15 Aug 2023	52	11.72	92.47	6.1	33.41	7.9	25.4	0.53

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F30	15 Aug 2023	53	11.67	92.47	6.1	33.42	7.9	25.4	0.52
F30	15 Aug 2023	54	11.62	92.53	6.0	33.43	7.9	25.4	0.52
F30	15 Aug 2023	55	11.57	92.53	6.0	33.43	7.9	25.5	0.51
F30	15 Aug 2023	56	11.50	92.26	5.8	33.44	7.9	25.5	0.49
F30	15 Aug 2023	57	11.40	91.57	5.6	33.45	7.9	25.5	0.43
F30	15 Aug 2023	58	11.36	90.43	5.5	33.45	7.8	25.5	0.40
F30	15 Aug 2023	59	11.31	90.52	5.4	33.46	7.8	25.5	0.35
F30	15 Aug 2023	60	11.23	90.85	5.2	33.47	7.8	25.5	0.33
F30	15 Aug 2023	61	11.18	88.29	4.9	33.47	7.8	25.5	0.29
F30	15 Aug 2023	62	11.17	87.72	4.8	33.47	7.8	25.5	0.26
F30	15 Aug 2023	63	11.15	87.21	4.8	33.47	7.8	25.6	0.24
F30	15 Aug 2023	64	11.15	87.21	4.8	33.47	7.8	25.6	0.24
F30	15 Aug 2023	65	11.14	87.31	4.7	33.47	7.8	25.6	0.23
F30	15 Aug 2023	66	11.14	87.21	4.7	33.47	7.8	25.6	0.23
F30	15 Aug 2023	67	11.14	87.22	4.7	33.47	7.8	25.6	0.23
F30	15 Aug 2023	68	11.15	87.52	4.7	33.48	7.8	25.6	0.22
F30	15 Aug 2023	69	11.16	88.10	4.8	33.48	7.8	25.6	0.21
F30	15 Aug 2023	70	11.16	88.80	4.7	33.49	7.8	25.6	0.22
F30	15 Aug 2023	71	11.16	89.04	4.7	33.49	7.8	25.6	0.22
F30	15 Aug 2023	72	11.15	89.01	4.7	33.49	7.8	25.6	0.21
F30	15 Aug 2023	73	11.15	89.57	4.7	33.50	7.8	25.6	0.21
F30	15 Aug 2023	74	11.16	90.80	4.8	33.51	7.8	25.6	0.21
F30	15 Aug 2023	75	11.16	91.40	4.9	33.51	7.8	25.6	0.22
F30	15 Aug 2023	76	11.16	90.29	4.9	33.52	7.8	25.6	0.21
F30	15 Aug 2023	77	11.16	90.77	4.9	33.52	7.8	25.6	0.21
F30	15 Aug 2023	78	11.16	91.14	4.9	33.52	7.8	25.6	0.21
F30	15 Aug 2023	79	11.15	90.35	4.9	33.52	7.8	25.6	0.21
F30	15 Aug 2023	80	11.14	91.21	4.8	33.52	7.8	25.6	0.21
F30	15 Aug 2023	81	11.13	90.77	4.8	33.52	7.8	25.6	0.20
F30	15 Aug 2023	82	11.13	90.21	4.8	33.52	7.8	25.6	0.21
F30	15 Aug 2023	83	11.13	90.13	4.8	33.52	7.8	25.6	0.20
F30	15 Aug 2023	84	11.13	90.54	4.8	33.52	7.8	25.6	0.20
F30	15 Aug 2023	85	11.13	90.11	4.8	33.52	7.8	25.6	0.21
F30	15 Aug 2023	86	11.12	89.75	4.7	33.52	7.8	25.6	0.20
F30	15 Aug 2023	87	11.11	89.34	4.7	33.52	7.8	25.6	0.21
F30	15 Aug 2023	88	11.07	89.77	4.6	33.53	7.8	25.6	0.20
F30	15 Aug 2023	89	11.07	90.00	4.6	33.54	7.8	25.6	0.20
F30	15 Aug 2023	90	11.08	90.81	4.7	33.55	7.8	25.6	0.21
F30	15 Aug 2023	91	11.09	91.17	4.8	33.56	7.8	25.6	0.21
F30	15 Aug 2023	92	11.10	91.59	4.9	33.56	7.8	25.6	0.22
F30	15 Aug 2023	93	11.10	91.77	4.8	33.57	7.8	25.6	0.23
F30	15 Aug 2023	94	11.10	91.88	4.8	33.57	7.8	25.6	0.23
F30	15 Aug 2023	95	11.04	91.80	4.7	33.59	7.8	25.7	0.24
F30	15 Aug 2023	96	10.96	90.66	4.6	33.64	7.8	25.7	0.23
F30	15 Aug 2023	97	10.95	90.89	4.5	33.64	7.8	25.7	0.24
F30	15 Aug 2023	98	10.94	90.43	4.4	33.65	7.8	25.7	0.23
F31	15 Aug 2023	1	21.04	86.33	8.0	33.45	8.2	23.3	0.94
F31	15 Aug 2023	2	21.05	86.47	8.0	33.45	8.2	23.3	1.01
F31	15 Aug 2023	3	21.01	86.44	8.0	33.45	8.2	23.3	1.05
F31	15 Aug 2023	4	20.59	86.38	7.9	33.41	8.2	23.4	1.03
F31	15 Aug 2023	5	18.14	87.16	8.4	33.36	8.2	24.0	0.80
F31	15 Aug 2023	6	17.03	88.59	8.4	33.30	8.2	24.2	0.71
F31	15 Aug 2023	7	15.85	89.30	8.5	33.27	8.2	24.5	0.75
F31	15 Aug 2023	8	15.31	89.80	8.7	33.26	8.2	24.6	0.77
F31	15 Aug 2023	9	15.08	89.94	8.8	33.24	8.2	24.6	0.80
F31	15 Aug 2023	10	14.83	90.25	8.8	33.22	8.2	24.6	0.79
F31	15 Aug 2023	11	14.48	90.43	8.8	33.22	8.1	24.7	0.85
F31	15 Aug 2023	12	14.24	90.05	8.8	33.21	8.1	24.8	1.10
F31	15 Aug 2023	13	13.95	89.42	8.7	33.21	8.1	24.8	1.39
F31	15 Aug 2023	14	13.68	88.88	8.5	33.21	8.1	24.9	1.69

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F31	15 Aug 2023	15	13.39	88.91	8.3	33.22	8.1	24.9	1.77
F31	15 Aug 2023	16	13.20	89.91	8.1	33.22	8.1	25.0	1.59
F31	15 Aug 2023	17	13.17	90.74	8.1	33.23	8.1	25.0	1.48
F31	15 Aug 2023	18	13.15	90.93	8.1	33.23	8.1	25.0	1.49
F31	15 Aug 2023	19	13.05	90.99	7.9	33.23	8.1	25.0	1.40
F31	15 Aug 2023	20	12.98	91.07	7.8	33.23	8.1	25.0	1.36
F31	15 Aug 2023	21	12.96	91.25	7.8	33.24	8.1	25.0	1.31
F31	15 Aug 2023	22	12.92	91.36	7.8	33.24	8.1	25.0	1.29
F31	15 Aug 2023	23	12.88	91.44	7.7	33.24	8.1	25.1	1.37
F31	15 Aug 2023	24	12.82	91.52	7.6	33.25	8.1	25.1	1.22
F31	15 Aug 2023	25	12.72	91.61	7.5	33.26	8.0	25.1	1.43
F31	15 Aug 2023	26	12.64	91.69	7.4	33.27	8.0	25.1	1.21
F31	15 Aug 2023	27	12.58	91.67	7.3	33.29	8.0	25.1	1.16
F31	15 Aug 2023	28	12.52	91.58	7.3	33.30	8.0	25.2	1.19
F31	15 Aug 2023	29	12.47	91.53	7.2	33.31	8.0	25.2	1.18
F31	15 Aug 2023	30	12.38	91.59	7.1	33.31	8.0	25.2	1.16
F31	15 Aug 2023	31	12.23	91.87	7.0	33.32	8.0	25.2	1.05
F31	15 Aug 2023	32	12.14	92.10	6.9	33.33	8.0	25.3	0.96
F31	15 Aug 2023	33	12.09	92.22	6.9	33.33	8.0	25.3	0.90
F31	15 Aug 2023	34	12.06	92.30	6.8	33.33	8.0	25.3	0.85
F31	15 Aug 2023	35	12.03	92.33	6.8	33.34	8.0	25.3	0.84
F31	15 Aug 2023	36	12.01	92.30	6.7	33.34	8.0	25.3	0.84
F31	15 Aug 2023	37	11.99	92.25	6.6	33.35	8.0	25.3	0.81
F31	15 Aug 2023	38	11.96	92.15	6.5	33.36	8.0	25.3	0.77
F31	15 Aug 2023	39	11.96	92.00	6.4	33.37	7.9	25.3	0.70
F31	15 Aug 2023	40	11.93	91.90	6.3	33.38	7.9	25.3	0.64
F31	15 Aug 2023	41	11.89	91.82	6.3	33.39	7.9	25.4	0.61
F31	15 Aug 2023	42	11.85	91.77	6.2	33.39	7.9	25.4	0.56
F31	15 Aug 2023	43	11.74	92.14	6.1	33.41	7.9	25.4	0.53
F31	15 Aug 2023	44	11.66	92.19	6.0	33.43	7.9	25.4	0.51
F31	15 Aug 2023	45	11.63	92.18	6.0	33.44	7.9	25.4	0.49
F31	15 Aug 2023	46	11.61	92.11	5.9	33.45	7.9	25.5	0.48
F31	15 Aug 2023	47	11.57	92.06	5.8	33.45	7.9	25.5	0.45
F31	15 Aug 2023	48	11.56	92.01	5.8	33.45	7.9	25.5	0.44
F31	15 Aug 2023	49	11.56	92.04	5.8	33.46	7.9	25.5	0.44
F31	15 Aug 2023	50	11.54	92.05	5.8	33.46	7.9	25.5	0.43
F31	15 Aug 2023	51	11.51	92.02	5.7	33.46	7.9	25.5	0.42
F31	15 Aug 2023	52	11.45	92.00	5.7	33.47	7.9	25.5	0.41
F31	15 Aug 2023	53	11.41	92.01	5.6	33.48	7.9	25.5	0.40
F31	15 Aug 2023	54	11.36	92.00	5.5	33.49	7.9	25.5	0.39
F31	15 Aug 2023	55	11.36	91.67	5.5	33.50	7.9	25.5	0.40
F31	15 Aug 2023	56	11.34	91.21	5.4	33.51	7.9	25.6	0.39
F31	15 Aug 2023	57	11.32	90.44	5.4	33.51	7.8	25.6	0.38
F31	15 Aug 2023	58	11.32	90.16	5.4	33.51	7.8	25.6	0.38
F31	15 Aug 2023	59	11.32	90.18	5.3	33.51	7.8	25.6	0.36
F31	15 Aug 2023	60	11.31	90.13	5.3	33.51	7.8	25.6	0.36
F31	15 Aug 2023	61	11.31	90.15	5.3	33.52	7.8	25.6	0.37
F31	15 Aug 2023	62	11.31	90.22	5.3	33.52	7.8	25.6	0.37
F31	15 Aug 2023	63	11.31	90.16	5.3	33.52	7.8	25.6	0.38
F31	15 Aug 2023	64	11.30	90.12	5.3	33.52	7.8	25.6	0.37
F31	15 Aug 2023	65	11.30	90.17	5.3	33.52	7.8	25.6	0.38
F31	15 Aug 2023	66	11.29	90.10	5.3	33.52	7.8	25.6	0.37
F31	15 Aug 2023	67	11.27	90.21	5.3	33.52	7.8	25.6	0.36
F31	15 Aug 2023	68	11.27	90.46	5.3	33.52	7.8	25.6	0.34
F31	15 Aug 2023	69	11.27	90.53	5.3	33.52	7.8	25.6	0.34
F31	15 Aug 2023	70	11.26	90.51	5.3	33.52	7.8	25.6	0.34
F31	15 Aug 2023	71	11.26	90.58	5.2	33.52	7.8	25.6	0.33
F31	15 Aug 2023	72	11.26	90.61	5.2	33.52	7.8	25.6	0.33
F31	15 Aug 2023	73	11.25	90.67	5.2	33.53	7.8	25.6	0.33
F31	15 Aug 2023	74	11.23	90.84	5.2	33.53	7.8	25.6	0.32
F31	15 Aug 2023	75	11.21	91.09	5.1	33.53	7.8	25.6	0.30

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F31	15 Aug 2023	76	11.20	91.30	5.1	33.54	7.8	25.6	0.29
F31	15 Aug 2023	77	11.18	91.44	5.1	33.54	7.8	25.6	0.28
F31	15 Aug 2023	78	11.15	91.72	5.1	33.55	7.8	25.6	0.27
F31	15 Aug 2023	79	11.13	91.85	5.0	33.55	7.8	25.6	0.26
F31	15 Aug 2023	80	11.12	91.91	4.9	33.55	7.8	25.6	0.25
F31	15 Aug 2023	81	11.08	91.69	4.8	33.58	7.8	25.7	0.25
F31	15 Aug 2023	82	11.06	91.29	4.8	33.59	7.8	25.7	0.24
F31	15 Aug 2023	83	11.04	91.35	4.8	33.59	7.8	25.7	0.23
F31	15 Aug 2023	84	11.02	91.54	4.7	33.59	7.8	25.7	0.23
F31	15 Aug 2023	85	11.01	91.52	4.7	33.59	7.8	25.7	0.22
F31	15 Aug 2023	86	11.01	91.25	4.7	33.59	7.8	25.7	0.22
F31	15 Aug 2023	87	11.01	91.29	4.7	33.60	7.8	25.7	0.22
F31	15 Aug 2023	88	11.00	91.22	4.7	33.60	7.8	25.7	0.22
F31	15 Aug 2023	89	10.99	91.25	4.6	33.61	7.8	25.7	0.23
F31	15 Aug 2023	90	10.98	91.43	4.6	33.61	7.8	25.7	0.22
F31	15 Aug 2023	91	10.98	91.42	4.6	33.61	7.8	25.7	0.22
F31	15 Aug 2023	92	10.98	91.37	4.6	33.61	7.8	25.7	0.22
F31	15 Aug 2023	93	10.98	91.38	4.6	33.62	7.8	25.7	0.22
F31	15 Aug 2023	94	10.97	91.31	4.6	33.62	7.8	25.7	0.22
F31	15 Aug 2023	95	10.94	91.12	4.5	33.64	7.8	25.7	0.22
F31	15 Aug 2023	96	10.90	91.04	4.4	33.66	7.8	25.8	0.22
F31	15 Aug 2023	97	10.84	91.26	4.3	33.70	7.8	25.8	0.22
F31	15 Aug 2023	98	10.83	91.11	4.2	33.70	7.8	25.8	0.22
F31	15 Aug 2023	99	10.81	90.41	4.2	33.72	7.7	25.8	0.22
F31	15 Aug 2023	100	10.84	88.11	4.2	33.69	7.7	25.8	0.21
F32	15 Aug 2023	1	21.20	87.16	8.0	33.46	8.2	23.3	0.95
F32	15 Aug 2023	2	21.21	87.00	8.0	33.47	8.2	23.3	0.97
F32	15 Aug 2023	3	21.20	87.08	8.0	33.47	8.2	23.3	1.05
F32	15 Aug 2023	4	21.16	87.06	7.8	33.46	8.2	23.3	1.03
F32	15 Aug 2023	5	19.61	87.38	8.2	33.37	8.2	23.6	0.87
F32	15 Aug 2023	6	17.75	88.26	8.6	33.35	8.2	24.1	0.73
F32	15 Aug 2023	7	16.82	89.07	8.5	33.28	8.2	24.2	0.71
F32	15 Aug 2023	8	15.75	89.55	8.6	33.27	8.2	24.5	0.75
F32	15 Aug 2023	9	15.04	90.01	8.8	33.24	8.2	24.6	0.82
F32	15 Aug 2023	10	14.81	90.23	8.9	33.23	8.2	24.6	0.88
F32	15 Aug 2023	11	14.68	90.20	8.9	33.21	8.2	24.7	0.93
F32	15 Aug 2023	12	14.43	90.17	8.9	33.20	8.2	24.7	1.04
F32	15 Aug 2023	13	14.19	90.07	8.8	33.20	8.1	24.8	1.26
F32	15 Aug 2023	14	13.93	89.81	8.8	33.20	8.1	24.8	1.48
F32	15 Aug 2023	15	13.77	89.39	8.7	33.20	8.1	24.8	1.67
F32	15 Aug 2023	16	13.63	89.30	8.5	33.20	8.1	24.9	1.76
F32	15 Aug 2023	17	13.49	89.41	8.4	33.20	8.1	24.9	1.84
F32	15 Aug 2023	18	13.29	89.78	8.2	33.22	8.1	25.0	1.68
F32	15 Aug 2023	19	13.19	90.25	8.1	33.22	8.1	25.0	1.51
F32	15 Aug 2023	20	13.14	90.84	8.1	33.23	8.1	25.0	1.42
F32	15 Aug 2023	21	13.10	91.01	8.0	33.23	8.1	25.0	1.35
F32	15 Aug 2023	22	13.03	91.14	7.9	33.23	8.1	25.0	1.32
F32	15 Aug 2023	23	12.96	91.30	7.9	33.24	8.1	25.0	1.28
F32	15 Aug 2023	24	12.92	91.42	7.8	33.24	8.1	25.0	1.25
F32	15 Aug 2023	25	12.89	91.51	7.8	33.25	8.1	25.1	1.20
F32	15 Aug 2023	26	12.85	91.60	7.7	33.25	8.1	25.1	1.17
F32	15 Aug 2023	27	12.75	91.70	7.5	33.25	8.1	25.1	1.16
F32	15 Aug 2023	28	12.60	91.77	7.4	33.27	8.0	25.1	1.14
F32	15 Aug 2023	29	12.58	91.90	7.4	33.28	8.0	25.1	1.12
F32	15 Aug 2023	30	12.56	91.91	7.4	33.28	8.0	25.1	1.10
F32	15 Aug 2023	31	12.54	91.85	7.3	33.29	8.0	25.2	1.14
F32	15 Aug 2023	32	12.47	91.75	7.2	33.30	8.0	25.2	1.10
F32	15 Aug 2023	33	12.33	91.68	7.0	33.32	8.0	25.2	1.08
F32	15 Aug 2023	34	12.20	91.64	6.9	33.32	8.0	25.2	1.07
F32	15 Aug 2023	35	12.01	91.77	6.8	33.34	8.0	25.3	1.18

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F32	15 Aug 2023	36	11.99	92.28	6.7	33.34	8.0	25.3	0.84
F32	15 Aug 2023	37	11.96	92.37	6.7	33.34	8.0	25.3	0.79
F32	15 Aug 2023	38	11.88	92.42	6.6	33.36	8.0	25.3	0.74
F32	15 Aug 2023	39	11.85	92.48	6.5	33.36	8.0	25.3	0.73
F32	15 Aug 2023	40	11.69	92.50	6.3	33.39	7.9	25.4	0.69
F32	15 Aug 2023	41	11.67	92.39	6.2	33.40	7.9	25.4	0.63
F32	15 Aug 2023	42	11.65	92.28	6.2	33.41	7.9	25.4	0.61
F32	15 Aug 2023	43	11.64	92.28	6.1	33.42	7.9	25.4	0.56
F32	15 Aug 2023	44	11.61	92.13	5.9	33.43	7.9	25.4	0.52
F32	15 Aug 2023	45	11.57	91.82	5.8	33.44	7.9	25.5	0.47
F32	15 Aug 2023	46	11.55	91.44	5.8	33.45	7.9	25.5	0.43
F32	15 Aug 2023	47	11.54	91.35	5.8	33.45	7.9	25.5	0.41
F32	15 Aug 2023	48	11.52	91.37	5.7	33.45	7.9	25.5	0.39
F32	15 Aug 2023	49	11.49	91.34	5.7	33.46	7.9	25.5	0.38
F32	15 Aug 2023	50	11.47	91.39	5.7	33.46	7.9	25.5	0.39
F32	15 Aug 2023	51	11.43	91.67	5.6	33.46	7.9	25.5	0.37
F32	15 Aug 2023	52	11.42	91.76	5.6	33.46	7.9	25.5	0.37
F32	15 Aug 2023	53	11.41	91.79	5.6	33.47	7.9	25.5	0.37
F32	15 Aug 2023	54	11.40	91.88	5.6	33.47	7.9	25.5	0.38
F32	15 Aug 2023	55	11.38	91.91	5.5	33.47	7.9	25.5	0.35
F32	15 Aug 2023	56	11.37	92.04	5.5	33.47	7.9	25.5	0.34
F32	15 Aug 2023	57	11.35	92.10	5.5	33.47	7.9	25.5	0.33
F32	15 Aug 2023	58	11.32	92.16	5.5	33.47	7.9	25.5	0.33
F32	15 Aug 2023	59	11.31	92.22	5.4	33.48	7.9	25.5	0.33
F32	15 Aug 2023	60	11.31	92.18	5.4	33.48	7.8	25.5	0.33
F32	15 Aug 2023	61	11.30	92.15	5.4	33.48	7.8	25.5	0.33
F32	15 Aug 2023	62	11.28	92.09	5.4	33.48	7.8	25.5	0.32
F32	15 Aug 2023	63	11.26	92.09	5.3	33.49	7.8	25.6	0.31
F32	15 Aug 2023	64	11.25	92.07	5.3	33.49	7.8	25.6	0.30
F32	15 Aug 2023	65	11.23	92.07	5.3	33.50	7.8	25.6	0.29
F32	15 Aug 2023	66	11.21	92.19	5.3	33.50	7.8	25.6	0.30
F32	15 Aug 2023	67	11.20	92.25	5.3	33.51	7.8	25.6	0.34
F32	15 Aug 2023	68	11.20	92.29	5.3	33.51	7.8	25.6	0.32
F32	15 Aug 2023	69	11.18	92.30	5.2	33.51	7.8	25.6	0.32
F32	15 Aug 2023	70	11.17	92.37	5.2	33.52	7.8	25.6	0.33
F32	15 Aug 2023	71	11.15	92.40	5.2	33.52	7.8	25.6	0.33
F32	15 Aug 2023	72	11.13	92.42	5.2	33.52	7.8	25.6	0.33
F32	15 Aug 2023	73	11.12	92.38	5.1	33.53	7.8	25.6	0.32
F32	15 Aug 2023	74	11.11	92.31	5.1	33.53	7.8	25.6	0.31
F32	15 Aug 2023	75	11.11	92.28	5.1	33.53	7.8	25.6	0.30
F32	15 Aug 2023	76	11.11	92.25	5.1	33.53	7.8	25.6	0.28
F32	15 Aug 2023	77	11.10	92.22	5.0	33.53	7.8	25.6	0.28
F32	15 Aug 2023	78	11.09	92.19	5.0	33.53	7.8	25.6	0.26
F32	15 Aug 2023	79	11.09	92.19	5.0	33.54	7.8	25.6	0.26
F32	15 Aug 2023	80	11.08	92.15	5.0	33.54	7.8	25.6	0.26
F32	15 Aug 2023	81	11.07	92.14	4.9	33.54	7.8	25.6	0.25
F32	15 Aug 2023	82	11.05	92.12	4.9	33.55	7.8	25.6	0.24
F32	15 Aug 2023	83	11.04	92.09	4.8	33.55	7.8	25.6	0.23
F32	15 Aug 2023	84	11.00	92.08	4.8	33.56	7.8	25.7	0.23
F32	15 Aug 2023	85	10.98	91.92	4.7	33.58	7.8	25.7	0.21
F32	15 Aug 2023	86	10.98	91.71	4.7	33.59	7.8	25.7	0.21
F32	15 Aug 2023	87	10.98	91.62	4.7	33.59	7.8	25.7	0.20
F32	15 Aug 2023	88	10.98	91.66	4.6	33.59	7.8	25.7	0.21
F32	15 Aug 2023	89	10.94	91.65	4.6	33.62	7.8	25.7	0.20
F32	15 Aug 2023	90	10.94	91.75	4.6	33.63	7.8	25.7	0.21
F32	15 Aug 2023	91	10.94	91.84	4.6	33.63	7.8	25.7	0.21
F32	15 Aug 2023	92	10.94	91.83	4.6	33.63	7.8	25.7	0.22
F32	15 Aug 2023	93	10.93	91.81	4.6	33.64	7.8	25.7	0.22
F32	15 Aug 2023	94	10.91	91.84	4.5	33.65	7.8	25.7	0.21
F32	15 Aug 2023	95	10.89	91.89	4.5	33.66	7.8	25.8	0.22
F32	15 Aug 2023	96	10.87	91.90	4.5	33.67	7.8	25.8	0.23

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F32	15 Aug 2023	97	10.86	91.87	4.4	33.69	7.8	25.8	0.22
F32	15 Aug 2023	98	10.83	91.77	4.3	33.70	7.8	25.8	0.21
F32	15 Aug 2023	99	10.74	91.68	4.1	33.77	7.7	25.9	0.21
F32	15 Aug 2023	100	10.74	91.81	4.0	33.77	7.7	25.9	0.20
F33	15 Aug 2023	1	21.30	86.73	7.9	33.47	8.2	23.2	1.16
F33	15 Aug 2023	2	21.34	86.80	7.9	33.46	8.2	23.2	1.17
F33	15 Aug 2023	3	21.34	86.84	7.9	33.46	8.2	23.2	1.25
F33	15 Aug 2023	4	21.31	86.79	7.6	33.46	8.2	23.2	1.29
F33	15 Aug 2023	5	18.99	86.93	7.9	33.30	8.2	23.7	0.96
F33	15 Aug 2023	6	16.67	87.85	8.5	33.31	8.2	24.3	0.75
F33	15 Aug 2023	7	16.17	88.96	8.6	33.28	8.2	24.4	0.66
F33	15 Aug 2023	8	15.91	89.46	8.8	33.26	8.2	24.4	0.66
F33	15 Aug 2023	9	15.76	89.73	8.8	33.24	8.2	24.5	0.65
F33	15 Aug 2023	10	15.54	89.94	8.9	33.23	8.2	24.5	0.65
F33	15 Aug 2023	11	15.30	90.22	8.9	33.23	8.2	24.5	0.68
F33	15 Aug 2023	12	15.08	90.29	8.9	33.23	8.2	24.6	0.73
F33	15 Aug 2023	13	14.96	90.20	8.9	33.23	8.1	24.6	0.78
F33	15 Aug 2023	14	14.70	90.25	8.8	33.22	8.1	24.7	0.90
F33	15 Aug 2023	15	14.39	90.08	8.8	33.21	8.1	24.7	1.13
F33	15 Aug 2023	16	14.28	89.62	8.8	33.22	8.1	24.8	1.30
F33	15 Aug 2023	17	14.13	89.39	8.8	33.21	8.1	24.8	1.54
F33	15 Aug 2023	18	14.00	89.19	8.7	33.21	8.1	24.8	1.73
F33	15 Aug 2023	19	13.82	89.06	8.6	33.21	8.1	24.8	1.85
F33	15 Aug 2023	20	13.68	89.11	8.5	33.21	8.1	24.9	1.99
F33	15 Aug 2023	21	13.53	89.21	8.4	33.22	8.1	24.9	2.08
F33	15 Aug 2023	22	13.46	89.28	8.2	33.23	8.1	24.9	2.01
F33	15 Aug 2023	23	13.19	89.83	8.0	33.22	8.1	25.0	1.74
F33	15 Aug 2023	24	13.06	90.63	7.9	33.24	8.1	25.0	1.57
F33	15 Aug 2023	25	12.99	91.04	7.8	33.24	8.1	25.0	1.38
F33	15 Aug 2023	26	12.92	91.20	7.8	33.24	8.1	25.0	1.31
F33	15 Aug 2023	27	12.86	91.31	7.7	33.25	8.0	25.1	1.24
F33	15 Aug 2023	28	12.81	91.39	7.6	33.25	8.0	25.1	1.20
F33	15 Aug 2023	29	12.77	91.48	7.6	33.25	8.0	25.1	1.18
F33	15 Aug 2023	30	12.72	91.54	7.5	33.26	8.0	25.1	1.16
F33	15 Aug 2023	31	12.63	91.60	7.4	33.27	8.0	25.1	1.16
F33	15 Aug 2023	32	12.50	91.14	7.2	33.30	8.0	25.2	1.18
F33	15 Aug 2023	33	12.39	91.38	7.1	33.32	8.0	25.2	1.13
F33	15 Aug 2023	34	12.34	91.43	7.0	33.32	8.0	25.2	1.08
F33	15 Aug 2023	35	12.23	91.55	6.8	33.33	8.0	25.3	1.00
F33	15 Aug 2023	36	12.12	91.54	6.7	33.34	8.0	25.3	0.96
F33	15 Aug 2023	37	12.02	91.62	6.7	33.35	8.0	25.3	0.93
F33	15 Aug 2023	38	12.00	91.78	6.6	33.35	8.0	25.3	0.88
F33	15 Aug 2023	39	11.95	91.92	6.6	33.35	8.0	25.3	0.86
F33	15 Aug 2023	40	11.94	91.97	6.6	33.36	7.9	25.3	0.88
F33	15 Aug 2023	41	11.92	92.00	6.6	33.36	7.9	25.3	0.81
F33	15 Aug 2023	42	11.90	92.03	6.5	33.36	7.9	25.3	0.81
F33	15 Aug 2023	43	11.88	92.09	6.5	33.37	7.9	25.3	0.79
F33	15 Aug 2023	44	11.78	92.17	6.4	33.38	7.9	25.4	0.77
F33	15 Aug 2023	45	11.71	92.36	6.3	33.40	7.9	25.4	0.73
F33	15 Aug 2023	46	11.68	92.50	6.2	33.41	7.9	25.4	0.74
F33	15 Aug 2023	47	11.64	92.53	6.2	33.41	7.9	25.4	0.68
F33	15 Aug 2023	48	11.61	92.57	6.2	33.41	7.9	25.4	0.66
F33	15 Aug 2023	49	11.59	92.58	6.2	33.41	7.9	25.4	0.67
F33	15 Aug 2023	50	11.58	92.58	6.2	33.41	7.9	25.4	0.66
F33	15 Aug 2023	51	11.55	92.60	6.2	33.42	7.9	25.4	0.64
F33	15 Aug 2023	52	11.52	92.64	6.1	33.42	7.9	25.5	0.64
F33	15 Aug 2023	53	11.52	92.64	6.1	33.43	7.9	25.5	0.62
F33	15 Aug 2023	54	11.51	92.61	6.1	33.43	7.9	25.5	0.62
F33	15 Aug 2023	55	11.50	92.59	6.0	33.43	7.9	25.5	0.61
F33	15 Aug 2023	56	11.46	92.62	5.9	33.44	7.9	25.5	0.60

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F33	15 Aug 2023	57	11.44	92.56	5.9	33.45	7.9	25.5	0.57
F33	15 Aug 2023	58	11.43	92.55	5.9	33.45	7.9	25.5	0.56
F33	15 Aug 2023	59	11.41	92.59	5.9	33.45	7.9	25.5	0.56
F33	15 Aug 2023	60	11.40	92.66	5.8	33.45	7.9	25.5	0.55
F33	15 Aug 2023	61	11.38	92.68	5.8	33.46	7.9	25.5	0.54
F33	15 Aug 2023	62	11.36	92.65	5.8	33.46	7.9	25.5	0.55
F33	15 Aug 2023	63	11.35	92.63	5.7	33.46	7.9	25.5	0.53
F33	15 Aug 2023	64	11.26	92.56	5.6	33.48	7.9	25.5	0.53
F33	15 Aug 2023	65	11.23	92.66	5.6	33.49	7.8	25.6	0.51
F33	15 Aug 2023	66	11.22	92.70	5.5	33.50	7.8	25.6	0.50
F33	15 Aug 2023	67	11.20	92.67	5.5	33.50	7.8	25.6	0.48
F33	15 Aug 2023	68	11.19	92.61	5.4	33.50	7.8	25.6	0.48
F33	15 Aug 2023	69	11.17	92.58	5.4	33.51	7.8	25.6	0.43
F33	15 Aug 2023	70	11.15	92.46	5.3	33.51	7.8	25.6	0.41
F33	15 Aug 2023	71	11.14	92.31	5.2	33.52	7.8	25.6	0.39
F33	15 Aug 2023	72	11.13	92.18	5.1	33.52	7.8	25.6	0.36
F33	15 Aug 2023	73	11.11	91.95	5.0	33.52	7.8	25.6	0.33
F33	15 Aug 2023	74	11.12	91.93	5.0	33.52	7.8	25.6	0.31
F33	15 Aug 2023	75	11.08	91.92	4.9	33.54	7.8	25.6	0.29
F33	15 Aug 2023	76	11.07	91.65	4.8	33.54	7.8	25.6	0.27
F33	15 Aug 2023	77	11.06	91.52	4.8	33.54	7.8	25.6	0.26
F33	15 Aug 2023	78	11.05	91.47	4.8	33.55	7.8	25.6	0.24
F33	15 Aug 2023	79	10.99	91.25	4.7	33.58	7.8	25.7	0.24
F33	15 Aug 2023	80	10.96	90.81	4.6	33.59	7.8	25.7	0.24
F33	15 Aug 2023	81	10.95	90.74	4.6	33.59	7.8	25.7	0.25
F33	15 Aug 2023	82	10.95	90.83	4.6	33.59	7.8	25.7	0.25
F33	15 Aug 2023	83	10.95	90.85	4.6	33.59	7.8	25.7	0.25
F33	15 Aug 2023	84	10.95	90.90	4.6	33.60	7.8	25.7	0.25
F33	15 Aug 2023	85	10.94	90.89	4.6	33.60	7.8	25.7	0.25
F33	15 Aug 2023	86	10.90	90.84	4.5	33.62	7.8	25.7	0.25
F33	15 Aug 2023	87	10.87	90.92	4.5	33.63	7.8	25.7	0.24
F33	15 Aug 2023	88	10.84	91.17	4.4	33.65	7.8	25.8	0.24
F33	15 Aug 2023	89	10.82	91.32	4.3	33.68	7.8	25.8	0.23
F33	15 Aug 2023	90	10.82	91.58	4.3	33.68	7.8	25.8	0.24
F33	15 Aug 2023	91	10.81	91.64	4.3	33.69	7.8	25.8	0.24
F33	15 Aug 2023	92	10.81	91.69	4.3	33.70	7.8	25.8	0.24
F33	15 Aug 2023	93	10.81	91.74	4.3	33.70	7.8	25.8	0.24
F33	15 Aug 2023	94	10.82	91.82	4.3	33.70	7.8	25.8	0.24
F33	15 Aug 2023	95	10.82	91.83	4.2	33.71	7.8	25.8	0.25
F33	15 Aug 2023	96	10.80	91.79	4.2	33.72	7.8	25.8	0.24
F33	15 Aug 2023	97	10.78	91.80	4.2	33.73	7.7	25.8	0.24
F33	15 Aug 2023	98	10.74	91.79	4.0	33.76	7.7	25.9	0.24
F33	15 Aug 2023	99	10.72	91.80	3.9	33.78	7.7	25.9	0.23
F33	15 Aug 2023	100	10.72	91.36	3.8	33.79	7.7	25.9	0.23
F33	15 Aug 2023	101	10.72	90.68	3.8	33.78	7.7	25.9	0.22
F34	15 Aug 2023	1	20.99	85.00	8.2	33.43	8.2	23.3	0.99
F34	15 Aug 2023	2	21.00	85.01	8.1	33.43	8.2	23.3	1.04
F34	15 Aug 2023	3	20.99	84.94	8.1	33.43	8.2	23.3	1.12
F34	15 Aug 2023	4	20.71	85.07	8.0	33.39	8.2	23.3	1.05
F34	15 Aug 2023	5	18.70	85.41	8.3	33.34	8.2	23.8	0.88
F34	15 Aug 2023	6	17.96	87.14	8.5	33.33	8.2	24.0	0.71
F34	15 Aug 2023	7	17.20	88.44	8.6	33.30	8.2	24.2	0.73
F34	15 Aug 2023	8	16.74	89.14	8.7	33.28	8.2	24.3	0.72
F34	15 Aug 2023	9	16.33	89.54	8.8	33.27	8.2	24.3	0.72
F34	15 Aug 2023	10	16.05	89.69	8.8	33.27	8.2	24.4	0.81
F34	15 Aug 2023	11	15.74	89.89	8.8	33.25	8.2	24.5	0.71
F34	15 Aug 2023	12	15.26	90.07	8.9	33.23	8.2	24.6	0.71
F34	15 Aug 2023	13	14.91	90.55	9.0	33.23	8.2	24.6	0.71
F34	15 Aug 2023	14	14.65	90.81	9.0	33.23	8.2	24.7	0.78
F34	15 Aug 2023	15	14.55	90.67	8.9	33.22	8.1	24.7	0.87

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
F34	15 Aug 2023	16	14.25	90.31	8.9	33.22	8.1	24.8	1.18
F34	15 Aug 2023	17	14.11	89.63	8.9	33.22	8.1	24.8	1.55
F34	15 Aug 2023	18	13.93	89.23	8.9	33.23	8.1	24.8	1.69
F34	15 Aug 2023	19	13.85	89.62	8.9	33.23	8.1	24.8	1.72
F34	15 Aug 2023	20	13.66	89.86	8.8	33.24	8.1	24.9	1.70
F34	15 Aug 2023	21	13.52	89.15	8.7	33.24	8.1	24.9	1.90
F34	15 Aug 2023	22	13.43	88.82	8.6	33.25	8.1	24.9	2.26
F34	15 Aug 2023	23	13.39	88.95	8.6	33.25	8.1	25.0	2.11
F34	15 Aug 2023	24	13.34	89.05	8.5	33.26	8.1	25.0	2.25
F34	15 Aug 2023	25	13.29	89.12	8.4	33.26	8.1	25.0	2.24
F34	15 Aug 2023	26	13.20	89.24	8.3	33.26	8.1	25.0	2.02
F34	15 Aug 2023	27	13.12	89.63	8.1	33.27	8.1	25.0	1.96
F34	15 Aug 2023	28	13.00	89.99	8.0	33.27	8.1	25.1	1.74
F34	15 Aug 2023	29	12.92	90.40	7.8	33.27	8.1	25.1	1.69
F34	15 Aug 2023	30	12.87	90.57	7.8	33.27	8.0	25.1	1.60
F34	15 Aug 2023	31	12.83	90.65	7.7	33.27	8.0	25.1	1.51
F34	15 Aug 2023	32	12.78	90.67	7.6	33.28	8.0	25.1	1.47
F34	15 Aug 2023	33	12.71	90.80	7.5	33.28	8.0	25.1	1.42
F34	15 Aug 2023	34	12.64	90.90	7.4	33.29	8.0	25.1	1.36
F34	15 Aug 2023	35	12.53	91.09	7.2	33.30	8.0	25.2	1.29
F34	15 Aug 2023	36	12.45	91.29	7.1	33.31	8.0	25.2	1.20
F34	15 Aug 2023	37	12.40	91.43	7.0	33.32	8.0	25.2	1.09
F34	15 Aug 2023	38	12.28	91.54	6.9	33.33	8.0	25.2	1.02
F34	15 Aug 2023	39	12.20	91.62	6.7	33.34	8.0	25.3	0.94
F34	15 Aug 2023	40	12.10	91.58	6.6	33.35	8.0	25.3	0.92
F34	15 Aug 2023	41	12.03	91.78	6.6	33.36	8.0	25.3	0.85
F34	15 Aug 2023	42	12.00	91.77	6.6	33.36	7.9	25.3	0.83
F34	15 Aug 2023	43	11.93	91.86	6.5	33.36	7.9	25.3	0.79
F34	15 Aug 2023	44	11.89	91.97	6.5	33.37	7.9	25.3	0.74
F34	15 Aug 2023	45	11.87	92.09	6.5	33.37	7.9	25.3	0.74
F34	15 Aug 2023	46	11.84	92.16	6.5	33.37	7.9	25.4	0.75
F34	15 Aug 2023	47	11.82	92.21	6.4	33.37	7.9	25.4	0.72
F34	15 Aug 2023	48	11.77	92.23	6.4	33.38	7.9	25.4	0.70
F34	15 Aug 2023	49	11.71	92.36	6.4	33.39	7.9	25.4	0.74
F34	15 Aug 2023	50	11.69	92.54	6.3	33.40	7.9	25.4	0.67
F34	15 Aug 2023	51	11.64	92.58	6.2	33.42	7.9	25.4	0.64
F34	15 Aug 2023	52	11.59	92.61	6.1	33.43	7.9	25.4	0.60
F34	15 Aug 2023	53	11.57	92.56	6.0	33.44	7.9	25.5	0.59
F34	15 Aug 2023	54	11.47	92.16	5.7	33.46	7.9	25.5	0.49
F34	15 Aug 2023	55	11.45	91.38	5.6	33.46	7.9	25.5	0.40
F34	15 Aug 2023	56	11.45	91.12	5.6	33.46	7.8	25.5	0.35
F34	15 Aug 2023	57	11.45	91.01	5.5	33.46	7.8	25.5	0.33
F34	15 Aug 2023	58	11.44	91.00	5.5	33.46	7.8	25.5	0.32
F34	15 Aug 2023	59	11.43	91.01	5.5	33.46	7.8	25.5	0.32
F34	15 Aug 2023	60	11.43	91.00	5.5	33.46	7.8	25.5	0.31
F34	15 Aug 2023	61	11.42	91.01	5.5	33.47	7.8	25.5	0.30
F34	15 Aug 2023	62	11.37	91.01	5.5	33.47	7.8	25.5	0.31
F34	15 Aug 2023	63	11.33	91.91	5.6	33.47	7.9	25.5	0.39
F34	15 Aug 2023	64	11.30	92.55	5.6	33.48	7.8	25.5	0.41
F34	15 Aug 2023	65	11.27	92.40	5.4	33.48	7.8	25.5	0.38
F34	15 Aug 2023	66	11.26	92.32	5.3	33.49	7.8	25.6	0.33
F34	15 Aug 2023	67	11.25	92.09	5.2	33.50	7.8	25.6	0.31
F34	15 Aug 2023	68	11.24	91.65	5.2	33.51	7.8	25.6	0.28
F34	15 Aug 2023	69	11.19	91.35	5.1	33.51	7.8	25.6	0.27
F34	15 Aug 2023	70	11.17	91.83	5.2	33.51	7.8	25.6	0.28
F34	15 Aug 2023	71	11.15	92.03	5.2	33.52	7.8	25.6	0.31
F34	15 Aug 2023	72	11.14	92.24	5.2	33.52	7.8	25.6	0.32
F34	15 Aug 2023	73	11.12	92.26	5.1	33.53	7.8	25.6	0.33
F34	15 Aug 2023	74	11.08	92.12	5.0	33.54	7.8	25.6	0.30
F34	15 Aug 2023	75	11.05	91.92	4.9	33.55	7.8	25.6	0.29
F34	15 Aug 2023	76	11.03	91.94	4.9	33.55	7.8	25.6	0.27

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F34	15 Aug 2023	77	11.00	91.91	4.8	33.56	7.8	25.7	0.28
F34	15 Aug 2023	78	10.98	91.65	4.8	33.57	7.8	25.7	0.26
F34	15 Aug 2023	79	10.95	91.39	4.8	33.58	7.8	25.7	0.26
F34	15 Aug 2023	80	10.93	91.19	4.8	33.59	7.8	25.7	0.26
F34	15 Aug 2023	81	10.90	90.72	4.7	33.60	7.8	25.7	0.27
F34	15 Aug 2023	82	10.87	90.14	4.7	33.61	7.8	25.7	0.26
F34	15 Aug 2023	83	10.86	89.70	4.6	33.61	7.8	25.7	0.25
F34	15 Aug 2023	84	10.85	89.77	4.6	33.61	7.8	25.7	0.25
F34	15 Aug 2023	85	10.84	89.66	4.6	33.62	7.8	25.7	0.27
F34	15 Aug 2023	86	10.83	89.48	4.6	33.63	7.8	25.7	0.25
F34	15 Aug 2023	87	10.81	89.41	4.5	33.64	7.8	25.7	0.25
F34	15 Aug 2023	88	10.79	89.36	4.4	33.66	7.8	25.8	0.24
F34	15 Aug 2023	89	10.78	89.35	4.3	33.67	7.8	25.8	0.23
F34	15 Aug 2023	90	10.74	89.52	4.2	33.70	7.8	25.8	0.23
F34	15 Aug 2023	91	10.69	89.92	4.1	33.74	7.7	25.8	0.21
F34	15 Aug 2023	92	10.69	90.85	4.0	33.74	7.7	25.9	0.20
F34	15 Aug 2023	93	10.66	91.04	4.0	33.76	7.7	25.9	0.20
F34	15 Aug 2023	94	10.63	91.19	3.9	33.78	7.7	25.9	0.19
F34	15 Aug 2023	95	10.63	91.34	3.9	33.78	7.7	25.9	0.19
F34	15 Aug 2023	96	10.63	91.37	3.8	33.80	7.7	25.9	0.19
F34	15 Aug 2023	97	10.63	91.23	3.8	33.80	7.7	25.9	0.19
F34	15 Aug 2023	98	10.63	91.27	3.8	33.81	7.7	25.9	0.20
F34	15 Aug 2023	99	10.63	91.40	3.7	33.81	7.7	25.9	0.19
F34	15 Aug 2023	100	10.61	91.33	3.7	33.83	7.7	25.9	0.20
F34	15 Aug 2023	101	10.62	88.80	3.7	33.82	7.7	25.9	0.19
F35	15 Aug 2023	1	20.59	83.20	8.3	33.42	8.2	23.4	1.25
F35	15 Aug 2023	2	20.59	82.98	8.2	33.42	8.2	23.4	1.29
F35	15 Aug 2023	3	20.35	83.16	8.2	33.40	8.2	23.5	1.26
F35	15 Aug 2023	4	19.41	85.30	8.2	33.37	8.2	23.7	0.97
F35	15 Aug 2023	5	17.35	88.03	8.5	33.33	8.2	24.1	0.80
F35	15 Aug 2023	6	16.64	89.26	8.8	33.32	8.2	24.3	0.70
F35	15 Aug 2023	7	16.33	89.58	8.8	33.30	8.2	24.4	0.70
F35	15 Aug 2023	8	16.25	89.58	8.8	33.29	8.1	24.4	0.71
F35	15 Aug 2023	9	15.74	89.65	8.9	33.27	8.1	24.5	0.73
F35	15 Aug 2023	10	15.30	89.96	8.9	33.25	8.1	24.6	0.75
F35	15 Aug 2023	11	15.11	90.27	9.0	33.24	8.1	24.6	0.77
F35	15 Aug 2023	12	15.04	90.42	9.0	33.24	8.1	24.6	0.80
F35	15 Aug 2023	13	14.90	90.39	9.0	33.24	8.1	24.6	0.81
F35	15 Aug 2023	14	14.79	90.61	9.0	33.24	8.1	24.7	0.80
F35	15 Aug 2023	15	14.61	90.72	9.0	33.24	8.1	24.7	0.76
F35	15 Aug 2023	16	14.48	90.81	9.1	33.24	8.1	24.7	0.79
F35	15 Aug 2023	17	14.34	90.76	9.0	33.24	8.1	24.8	0.89
F35	15 Aug 2023	18	14.22	90.55	9.0	33.24	8.1	24.8	0.95
F35	15 Aug 2023	19	14.13	90.47	8.9	33.24	8.1	24.8	1.03
F35	15 Aug 2023	20	14.00	90.46	8.9	33.24	8.1	24.8	1.10
F35	15 Aug 2023	21	13.91	90.22	8.9	33.24	8.1	24.8	1.24
F35	15 Aug 2023	22	13.80	90.06	8.8	33.24	8.1	24.9	1.44
F35	15 Aug 2023	23	13.71	89.77	8.7	33.25	8.1	24.9	1.61
F35	15 Aug 2023	24	13.60	89.54	8.7	33.25	8.1	24.9	1.80
F35	15 Aug 2023	25	13.55	89.63	8.6	33.25	8.1	24.9	1.82
F35	15 Aug 2023	26	13.48	89.54	8.5	33.25	8.1	24.9	1.90
F35	15 Aug 2023	27	13.37	89.39	8.4	33.26	8.1	25.0	1.94
F35	15 Aug 2023	28	13.23	89.70	8.2	33.26	8.1	25.0	1.89
F35	15 Aug 2023	29	13.13	90.26	8.0	33.25	8.1	25.0	1.70
F35	15 Aug 2023	30	12.96	90.70	7.8	33.26	8.0	25.1	1.61
F35	15 Aug 2023	31	12.88	90.93	7.7	33.27	8.0	25.1	1.48
F35	15 Aug 2023	32	12.84	90.93	7.7	33.27	8.0	25.1	1.43
F35	15 Aug 2023	33	12.76	91.06	7.6	33.28	8.0	25.1	1.32
F35	15 Aug 2023	34	12.71	91.16	7.5	33.28	8.0	25.1	1.33
F35	15 Aug 2023	35	12.65	91.21	7.4	33.29	8.0	25.1	1.29

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F35	15 Aug 2023	36	12.61	91.21	7.3	33.29	8.0	25.1	1.25
F35	15 Aug 2023	37	12.53	91.30	7.2	33.30	8.0	25.2	1.18
F35	15 Aug 2023	38	12.46	91.38	7.1	33.31	8.0	25.2	1.12
F35	15 Aug 2023	39	12.38	91.50	7.0	33.32	8.0	25.2	1.09
F35	15 Aug 2023	40	12.30	91.57	6.9	33.33	8.0	25.2	1.01
F35	15 Aug 2023	41	12.20	91.70	6.8	33.34	8.0	25.3	0.94
F35	15 Aug 2023	42	12.09	91.76	6.6	33.35	7.9	25.3	0.84
F35	15 Aug 2023	43	11.99	91.87	6.5	33.36	7.9	25.3	0.81
F35	15 Aug 2023	44	11.92	91.94	6.5	33.37	7.9	25.3	0.76
F35	15 Aug 2023	45	11.82	92.05	6.4	33.38	7.9	25.4	0.71
F35	15 Aug 2023	46	11.76	92.20	6.3	33.39	7.9	25.4	0.72
F35	15 Aug 2023	47	11.73	92.26	6.3	33.39	7.9	25.4	0.68
F35	15 Aug 2023	48	11.71	92.35	6.3	33.39	7.9	25.4	0.66
F35	15 Aug 2023	49	11.60	92.45	6.2	33.41	7.9	25.4	0.63
F35	15 Aug 2023	50	11.56	92.64	6.1	33.43	7.9	25.4	0.64
F35	15 Aug 2023	51	11.55	92.70	6.1	33.43	7.9	25.5	0.60
F35	15 Aug 2023	52	11.51	92.71	6.0	33.44	7.9	25.5	0.56
F35	15 Aug 2023	53	11.45	92.73	6.0	33.45	7.9	25.5	0.58
F35	15 Aug 2023	54	11.43	92.75	6.0	33.45	7.9	25.5	0.57
F35	15 Aug 2023	55	11.43	92.79	6.0	33.45	7.9	25.5	0.55
F35	15 Aug 2023	56	11.41	92.77	5.9	33.45	7.9	25.5	0.58
F35	15 Aug 2023	57	11.39	92.77	5.9	33.46	7.9	25.5	0.55
F35	15 Aug 2023	58	11.38	92.76	5.8	33.47	7.9	25.5	0.54
F35	15 Aug 2023	59	11.38	92.80	5.8	33.47	7.9	25.5	0.53
F35	15 Aug 2023	60	11.37	92.76	5.8	33.47	7.9	25.5	0.52
F35	15 Aug 2023	61	11.35	92.77	5.7	33.48	7.8	25.5	0.51
F35	15 Aug 2023	62	11.33	92.80	5.7	33.48	7.8	25.5	0.51
F35	15 Aug 2023	63	11.28	92.82	5.6	33.50	7.8	25.6	0.49
F35	15 Aug 2023	64	11.26	92.79	5.5	33.50	7.8	25.6	0.51
F35	15 Aug 2023	65	11.26	92.73	5.5	33.50	7.8	25.6	0.48
F35	15 Aug 2023	66	11.26	92.69	5.5	33.50	7.8	25.6	0.46
F35	15 Aug 2023	67	11.25	92.59	5.4	33.50	7.8	25.6	0.43
F35	15 Aug 2023	68	11.24	92.34	5.4	33.50	7.8	25.6	0.39
F35	15 Aug 2023	69	11.24	92.18	5.3	33.50	7.8	25.6	0.38
F35	15 Aug 2023	70	11.24	91.96	5.3	33.50	7.8	25.6	0.36
F35	15 Aug 2023	71	11.24	91.80	5.2	33.51	7.8	25.6	0.35
F35	15 Aug 2023	72	11.23	91.56	5.1	33.51	7.8	25.6	0.31
F35	15 Aug 2023	73	11.22	91.11	5.1	33.52	7.8	25.6	0.29
F35	15 Aug 2023	74	11.21	90.92	5.1	33.52	7.8	25.6	0.26
F35	15 Aug 2023	75	11.17	90.95	5.0	33.52	7.8	25.6	0.26
F35	15 Aug 2023	76	11.15	90.95	5.0	33.53	7.8	25.6	0.25
F35	15 Aug 2023	77	11.12	91.09	4.9	33.53	7.8	25.6	0.26
F35	15 Aug 2023	78	11.06	91.14	4.9	33.55	7.8	25.6	0.26
F35	15 Aug 2023	79	11.03	91.26	4.8	33.56	7.8	25.6	0.27
F35	15 Aug 2023	80	10.98	91.52	4.8	33.57	7.8	25.7	0.27
F35	15 Aug 2023	81	10.93	91.88	4.8	33.59	7.8	25.7	0.28
F35	15 Aug 2023	82	10.91	92.15	4.8	33.59	7.8	25.7	0.29
F35	15 Aug 2023	83	10.90	92.17	4.8	33.59	7.8	25.7	0.28
F35	15 Aug 2023	84	10.90	92.17	4.8	33.60	7.8	25.7	0.32
F35	15 Aug 2023	85	10.90	92.19	4.8	33.60	7.8	25.7	0.31
F35	15 Aug 2023	86	10.88	92.19	4.7	33.60	7.8	25.7	0.30
F35	15 Aug 2023	87	10.83	92.35	4.7	33.62	7.8	25.7	0.30
F35	15 Aug 2023	88	10.80	92.50	4.7	33.63	7.8	25.7	0.31
F35	15 Aug 2023	89	10.79	92.33	4.6	33.63	7.8	25.7	0.30
F35	15 Aug 2023	90	10.78	92.00	4.6	33.63	7.8	25.8	0.28
F35	15 Aug 2023	91	10.78	91.67	4.6	33.64	7.8	25.8	0.28
F35	15 Aug 2023	92	10.77	91.33	4.5	33.64	7.8	25.8	0.27
F35	15 Aug 2023	93	10.77	91.11	4.5	33.64	7.7	25.8	0.28
F35	15 Aug 2023	94	10.76	91.06	4.5	33.64	7.7	25.8	0.27
F35	15 Aug 2023	95	10.76	90.98	4.5	33.65	7.7	25.8	0.27
F35	15 Aug 2023	96	10.75	90.96	4.5	33.65	7.7	25.8	0.25

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F35	15 Aug 2023	97	10.74	90.87	4.4	33.65	7.7	25.8	0.25
F35	15 Aug 2023	98	10.74	90.72	4.4	33.65	7.7	25.8	0.24
F35	15 Aug 2023	99	10.74	90.64	4.4	33.65	7.7	25.8	0.24
F35	15 Aug 2023	100	10.74	90.03	4.4	33.65	7.7	25.8	0.25
F36	15 Aug 2023	1	20.52	62.68	7.8	33.39	8.2	23.4	0.89
F36	15 Aug 2023	2	20.49	66.81	8.0	33.39	8.2	23.4	0.91
F36	15 Aug 2023	3	20.21	80.53	8.1	33.39	8.2	23.5	0.92
F36	15 Aug 2023	4	19.80	83.40	8.2	33.37	8.2	23.6	0.88
F36	15 Aug 2023	5	18.76	84.89	8.2	33.34	8.2	24.0	0.87
F36	15 Aug 2023	6	18.17	86.00	8.1	33.34	8.2	24.3	0.87
F36	15 Aug 2023	7	17.63	87.15	7.7	33.34	8.2	24.5	0.91
F36	15 Aug 2023	8	17.22	86.97	8.6	33.30	8.2	24.2	0.85
F36	15 Aug 2023	9	16.79	87.51	8.7	33.30	8.2	24.3	0.82
F36	15 Aug 2023	10	16.58	88.10	8.7	33.28	8.2	24.3	0.81
F36	15 Aug 2023	11	16.19	88.25	8.7	33.27	8.1	24.4	0.80
F36	15 Aug 2023	12	15.55	88.21	8.8	33.25	8.1	24.5	0.79
F36	15 Aug 2023	13	15.06	88.97	8.9	33.24	8.1	24.6	0.78
F36	15 Aug 2023	14	14.94	90.13	8.9	33.23	8.1	24.6	0.80
F36	15 Aug 2023	15	14.81	90.61	9.0	33.24	8.1	24.7	0.86
F36	15 Aug 2023	16	14.64	90.63	8.9	33.23	8.1	24.7	0.88
F36	15 Aug 2023	17	14.34	90.42	8.8	33.22	8.1	24.7	0.99
F36	15 Aug 2023	18	14.17	90.31	8.9	33.23	8.1	24.8	1.08
F36	15 Aug 2023	19	14.02	90.40	8.9	33.23	8.1	24.8	1.17
F36	15 Aug 2023	20	13.71	90.28	8.8	33.23	8.1	24.9	1.58
F36	15 Aug 2023	21	13.59	89.58	8.7	33.23	8.1	24.9	1.74
F36	15 Aug 2023	22	13.59	89.39	8.6	33.24	8.1	24.9	1.93
F36	15 Aug 2023	23	13.52	89.45	8.4	33.24	8.1	24.9	2.06
F36	15 Aug 2023	24	13.39	89.66	8.4	33.24	8.1	25.0	2.04
F36	15 Aug 2023	25	13.38	89.62	8.4	33.24	8.1	25.0	1.98
F36	15 Aug 2023	26	13.28	89.48	8.3	33.25	8.1	25.0	1.92
F36	15 Aug 2023	27	13.23	89.36	8.3	33.25	8.1	25.0	2.04
F36	15 Aug 2023	28	13.18	89.45	8.2	33.26	8.1	25.0	1.94
F36	15 Aug 2023	29	13.14	89.96	8.2	33.26	8.1	25.0	1.80
F36	15 Aug 2023	30	13.06	90.28	8.1	33.27	8.1	25.0	1.75
F36	15 Aug 2023	31	13.01	90.37	8.0	33.28	8.1	25.1	1.60
F36	15 Aug 2023	32	12.98	90.45	8.0	33.28	8.1	25.1	1.57
F36	15 Aug 2023	33	12.96	90.48	7.9	33.28	8.0	25.1	1.54
F36	15 Aug 2023	34	12.91	90.64	7.8	33.28	8.0	25.1	1.51
F36	15 Aug 2023	35	12.85	90.80	7.8	33.29	8.0	25.1	1.48
F36	15 Aug 2023	36	12.74	90.93	7.6	33.29	8.0	25.1	1.43
F36	15 Aug 2023	37	12.66	91.02	7.5	33.29	8.0	25.1	1.40
F36	15 Aug 2023	38	12.52	91.10	7.3	33.30	8.0	25.2	1.27
F36	15 Aug 2023	39	12.45	91.32	7.2	33.30	8.0	25.2	1.18
F36	15 Aug 2023	40	12.23	91.46	6.8	33.34	8.0	25.2	1.08
F36	15 Aug 2023	41	12.03	91.63	6.6	33.36	8.0	25.3	0.97
F36	15 Aug 2023	42	11.97	91.85	6.6	33.36	7.9	25.3	0.89
F36	15 Aug 2023	43	11.95	91.90	6.5	33.36	7.9	25.3	0.80
F36	15 Aug 2023	44	11.93	91.93	6.5	33.36	7.9	25.3	0.78
F36	15 Aug 2023	45	11.92	91.98	6.5	33.36	7.9	25.3	0.74
F36	15 Aug 2023	46	11.89	92.01	6.4	33.37	7.9	25.3	0.73
F36	15 Aug 2023	47	11.85	92.02	6.4	33.38	7.9	25.4	0.71
F36	15 Aug 2023	48	11.85	91.99	6.4	33.38	7.9	25.4	0.71
F36	15 Aug 2023	49	11.82	92.08	6.3	33.38	7.9	25.4	0.69
F36	15 Aug 2023	50	11.77	92.05	6.2	33.40	7.9	25.4	0.66
F36	15 Aug 2023	51	11.75	92.08	6.2	33.41	7.9	25.4	0.63
F36	15 Aug 2023	52	11.75	92.08	6.2	33.40	7.9	25.4	0.61
F36	15 Aug 2023	53	11.72	92.07	6.2	33.41	7.9	25.4	0.59
F36	15 Aug 2023	54	11.72	92.08	6.1	33.41	7.9	25.4	0.60
F36	15 Aug 2023	55	11.69	92.11	6.1	33.42	7.9	25.4	0.59
F36	15 Aug 2023	56	11.55	92.17	6.0	33.44	7.9	25.5	0.56

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F36	15 Aug 2023	57	11.52	92.38	6.0	33.44	7.9	25.5	0.55
F36	15 Aug 2023	58	11.48	92.52	6.0	33.45	7.9	25.5	0.55
F36	15 Aug 2023	59	11.47	92.65	6.0	33.45	7.9	25.5	0.56
F36	15 Aug 2023	60	11.46	92.68	6.0	33.45	7.9	25.5	0.54
F36	15 Aug 2023	61	11.46	92.72	5.9	33.45	7.9	25.5	0.55
F36	15 Aug 2023	62	11.45	92.71	5.9	33.45	7.9	25.5	0.54
F36	15 Aug 2023	63	11.44	92.71	5.9	33.46	7.9	25.5	0.54
F36	15 Aug 2023	64	11.37	92.73	5.8	33.48	7.9	25.5	0.52
F36	15 Aug 2023	65	11.30	92.74	5.6	33.50	7.8	25.6	0.51
F36	15 Aug 2023	66	11.29	92.79	5.6	33.50	7.8	25.6	0.48
F36	15 Aug 2023	67	11.29	92.78	5.6	33.50	7.8	25.6	0.47
F36	15 Aug 2023	68	11.28	92.81	5.5	33.50	7.8	25.6	0.47
F36	15 Aug 2023	69	11.27	92.82	5.5	33.51	7.8	25.6	0.46
F36	15 Aug 2023	70	11.27	92.78	5.5	33.51	7.8	25.6	0.46
F36	15 Aug 2023	71	11.26	92.78	5.5	33.51	7.8	25.6	0.46
F36	15 Aug 2023	72	11.26	92.83	5.5	33.51	7.8	25.6	0.46
F36	15 Aug 2023	73	11.24	92.83	5.4	33.51	7.8	25.6	0.45
F36	15 Aug 2023	74	11.21	92.82	5.4	33.52	7.8	25.6	0.44
F36	15 Aug 2023	75	11.18	92.80	5.4	33.52	7.8	25.6	0.43
F36	15 Aug 2023	76	11.13	92.92	5.4	33.53	7.8	25.6	0.41
F36	15 Aug 2023	77	11.11	92.90	5.3	33.53	7.8	25.6	0.42
F36	15 Aug 2023	78	11.09	92.83	5.2	33.54	7.8	25.6	0.39
F36	15 Aug 2023	79	11.06	92.74	5.0	33.55	7.8	25.6	0.35
F36	15 Aug 2023	80	11.03	92.23	4.8	33.55	7.8	25.6	0.28
F36	15 Aug 2023	81	11.02	91.80	4.8	33.56	7.8	25.6	0.24
F36	15 Aug 2023	82	11.01	91.25	4.7	33.57	7.8	25.7	0.22
F36	15 Aug 2023	83	11.00	91.04	4.7	33.57	7.8	25.7	0.21
F36	15 Aug 2023	84	10.98	91.07	4.7	33.57	7.8	25.7	0.22
F36	15 Aug 2023	85	10.97	91.08	4.7	33.58	7.8	25.7	0.21
F36	15 Aug 2023	86	10.96	91.06	4.6	33.58	7.8	25.7	0.20
F36	15 Aug 2023	87	10.96	90.96	4.6	33.58	7.8	25.7	0.20
F36	15 Aug 2023	88	10.95	90.93	4.6	33.58	7.8	25.7	0.20
F36	15 Aug 2023	89	10.93	90.85	4.6	33.59	7.8	25.7	0.19
F36	15 Aug 2023	90	10.89	91.06	4.6	33.60	7.8	25.7	0.21
F36	15 Aug 2023	91	10.85	91.75	4.7	33.61	7.8	25.7	0.23
F36	15 Aug 2023	92	10.80	92.66	4.7	33.63	7.8	25.7	0.27
F36	15 Aug 2023	93	10.80	92.88	4.6	33.63	7.8	25.7	0.29
F36	15 Aug 2023	94	10.78	92.88	4.6	33.63	7.8	25.8	0.29
F36	15 Aug 2023	95	10.77	92.90	4.6	33.64	7.8	25.8	0.28
F36	15 Aug 2023	96	10.76	92.90	4.6	33.64	7.8	25.8	0.27
F36	15 Aug 2023	97	10.74	92.89	4.5	33.64	7.8	25.8	0.26
F36	15 Aug 2023	98	10.69	92.77	4.5	33.66	7.8	25.8	0.25
F36	15 Aug 2023	99	10.66	92.54	4.4	33.67	7.8	25.8	0.23
F36	15 Aug 2023	100	10.63	92.12	4.4	33.68	7.7	25.8	0.22
F36	15 Aug 2023	101	10.65	91.77	4.4	33.68	7.7	25.8	0.22

NA = not available

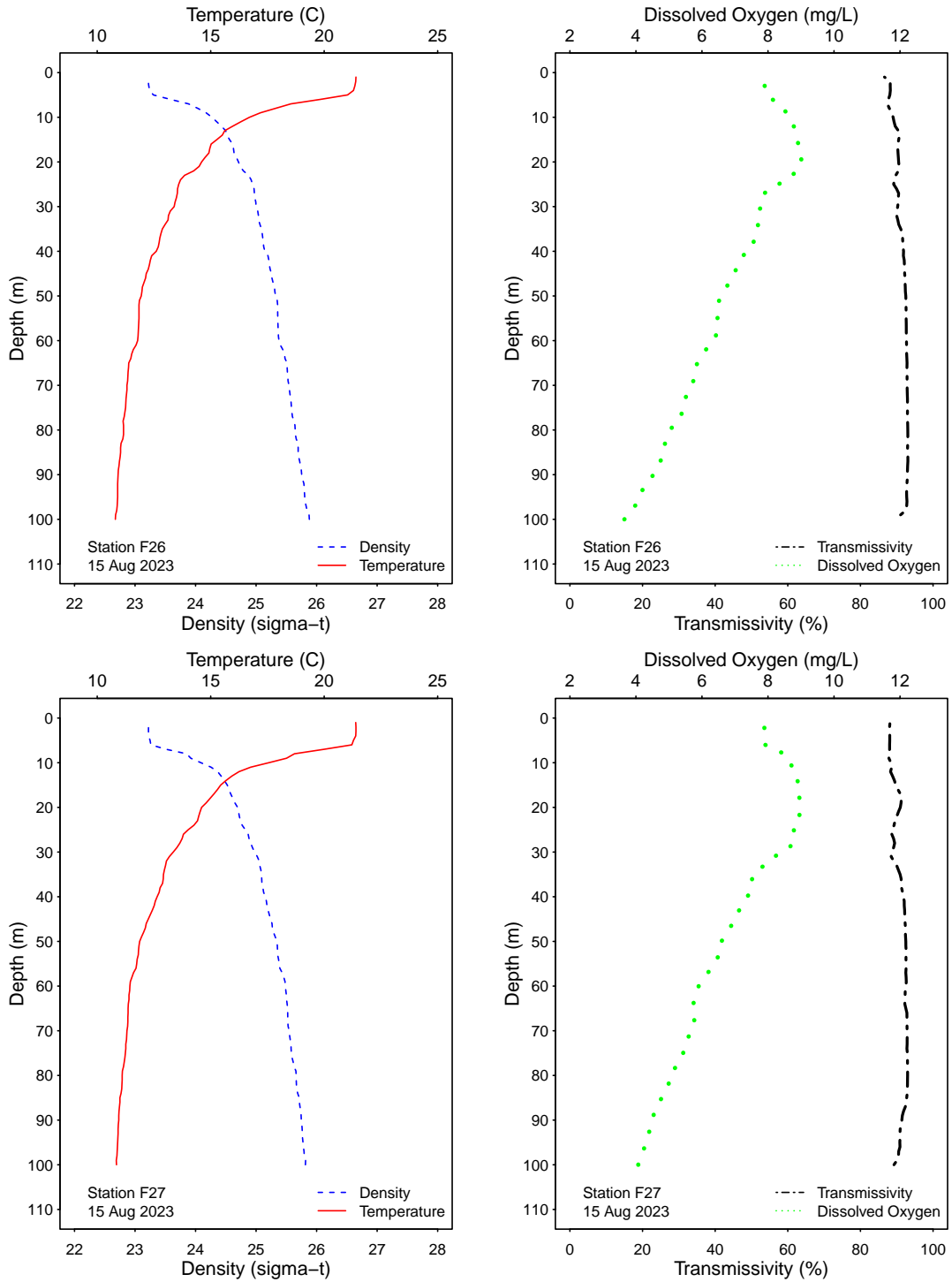


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

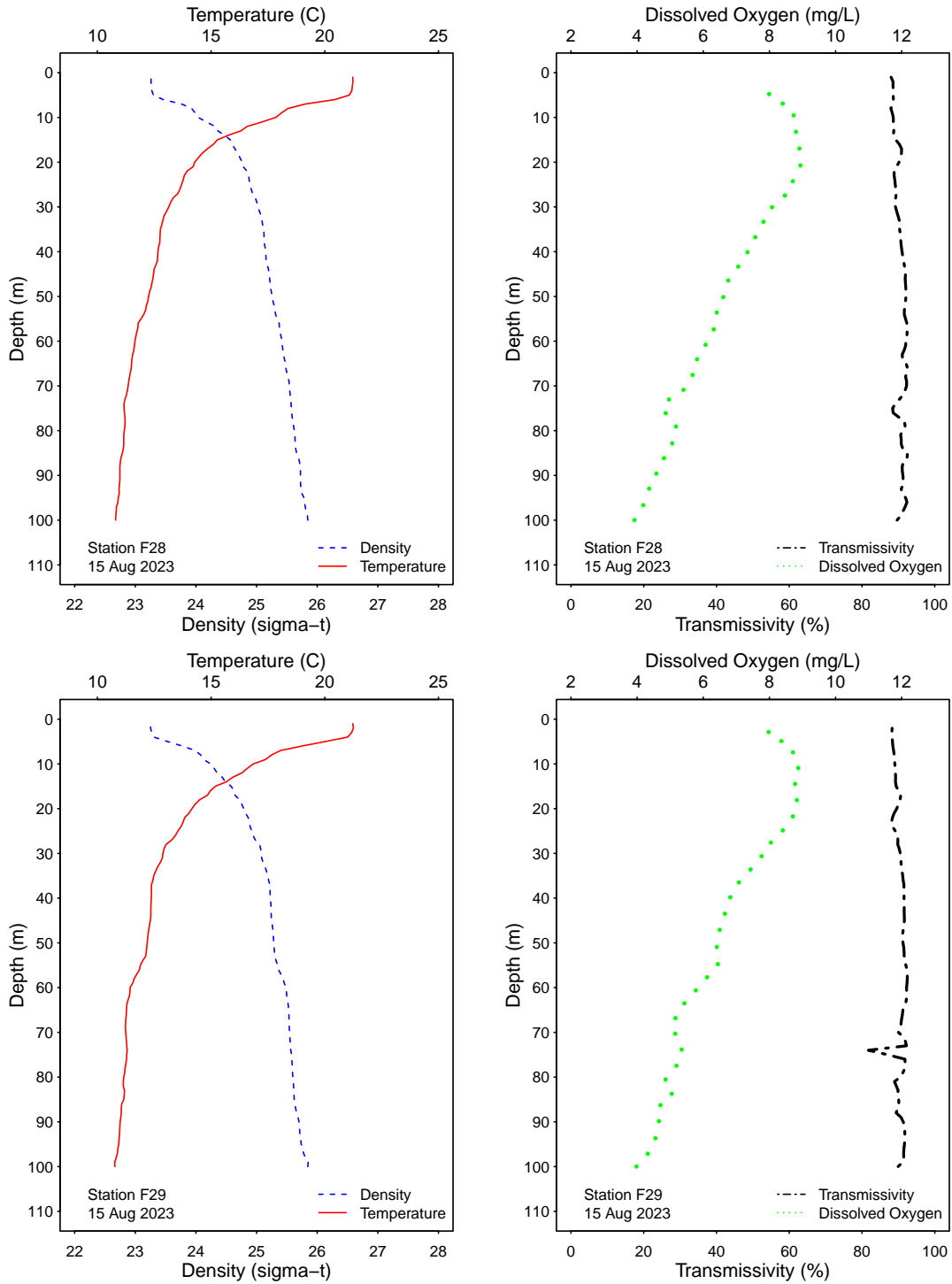


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

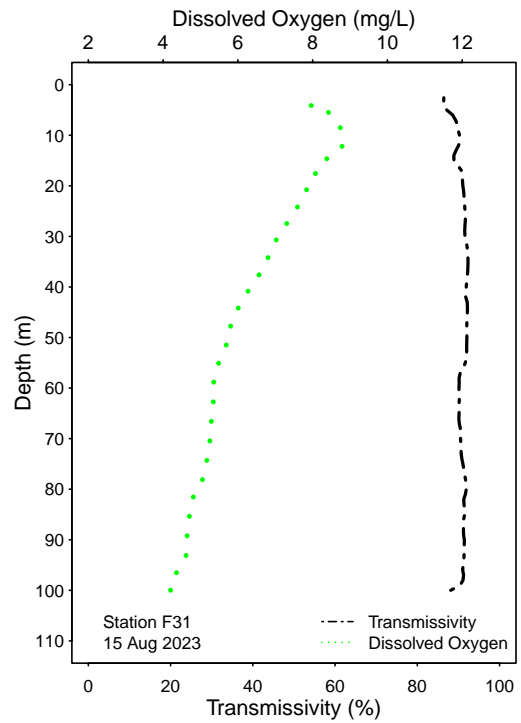
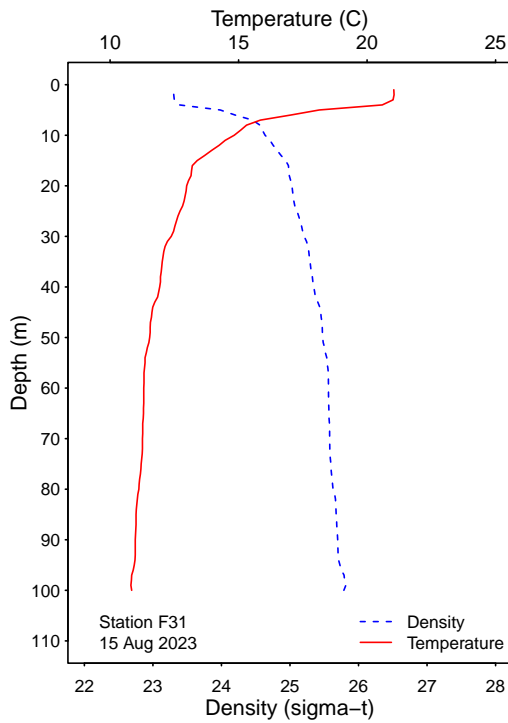
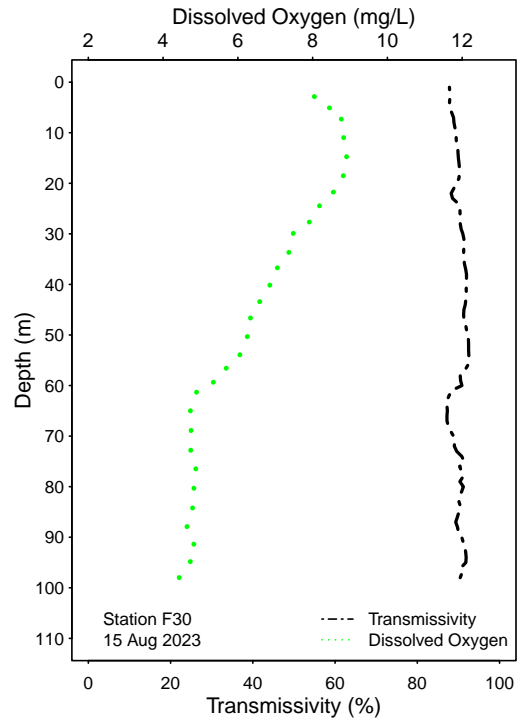
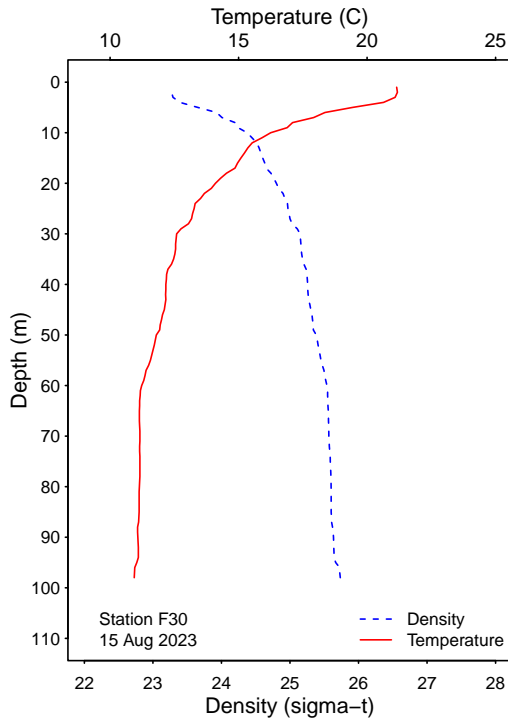


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

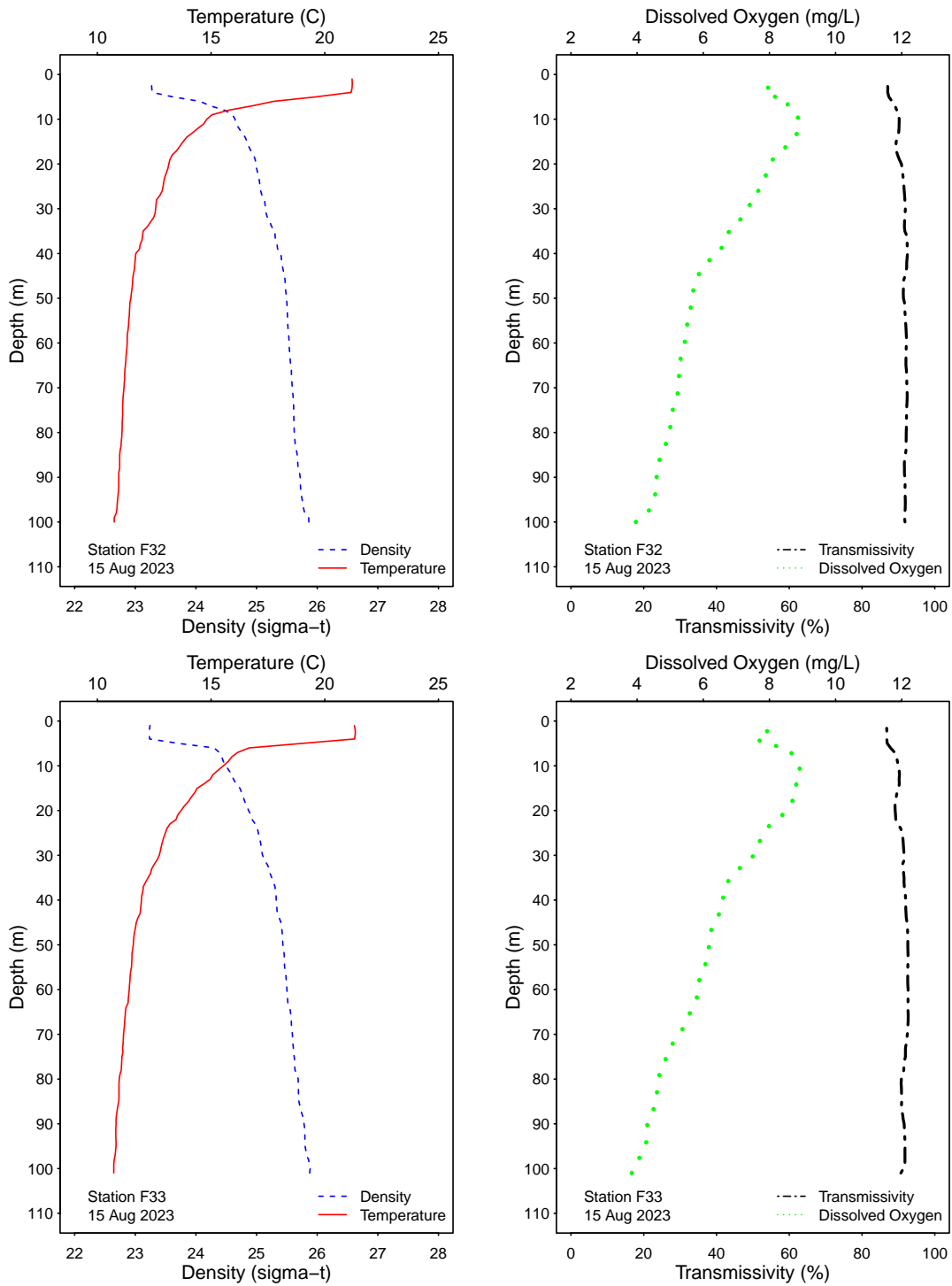


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

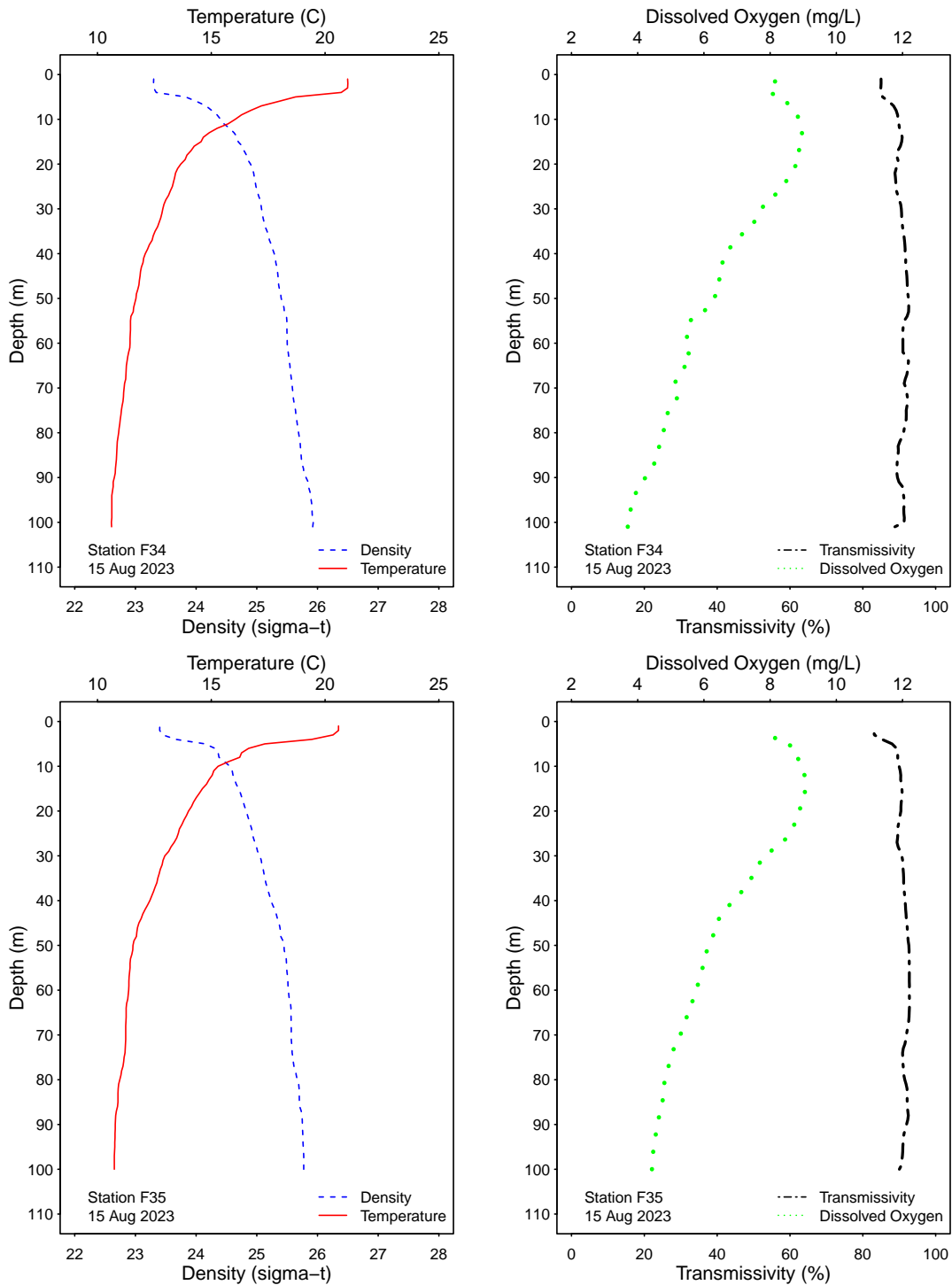


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

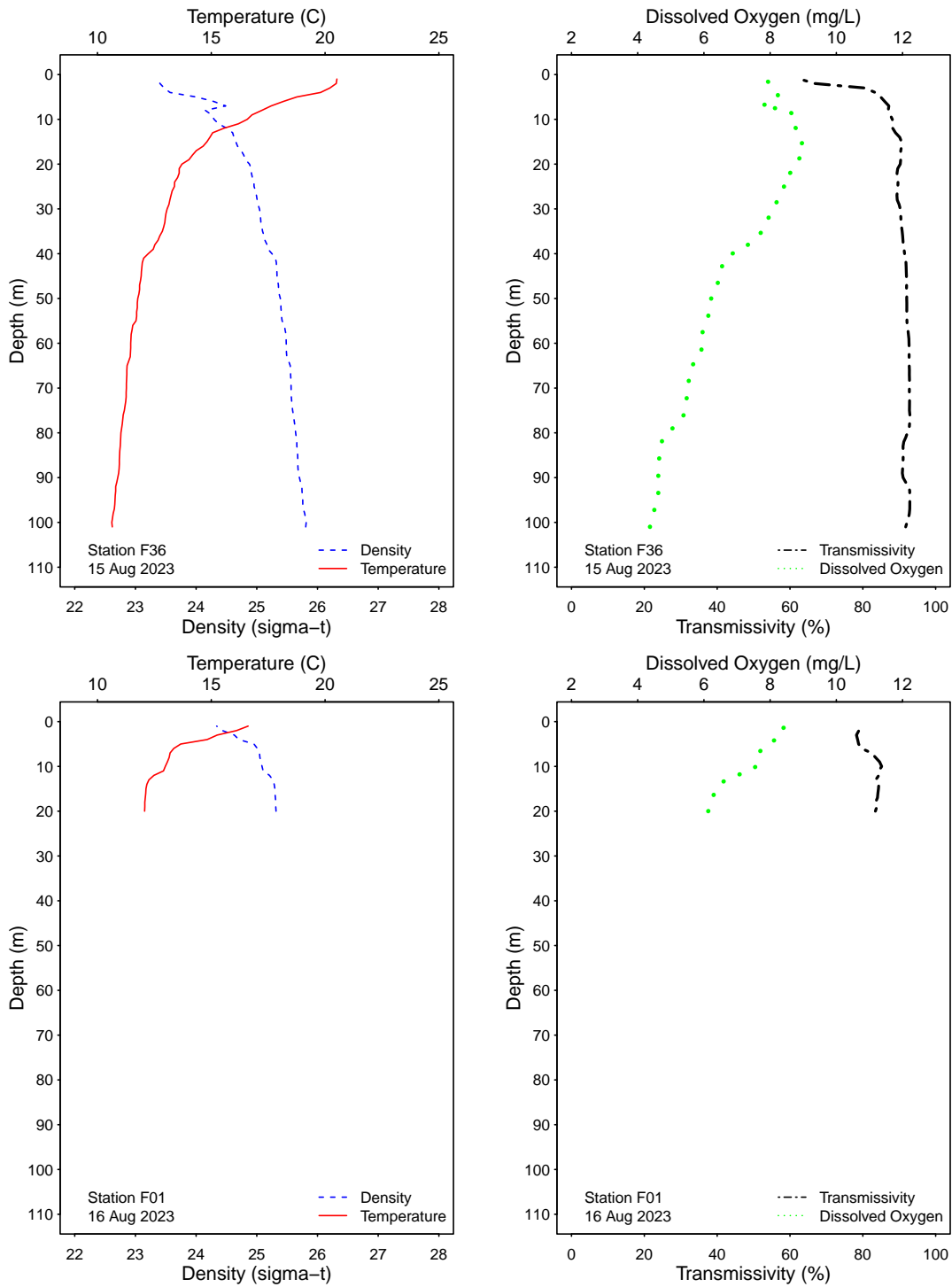


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

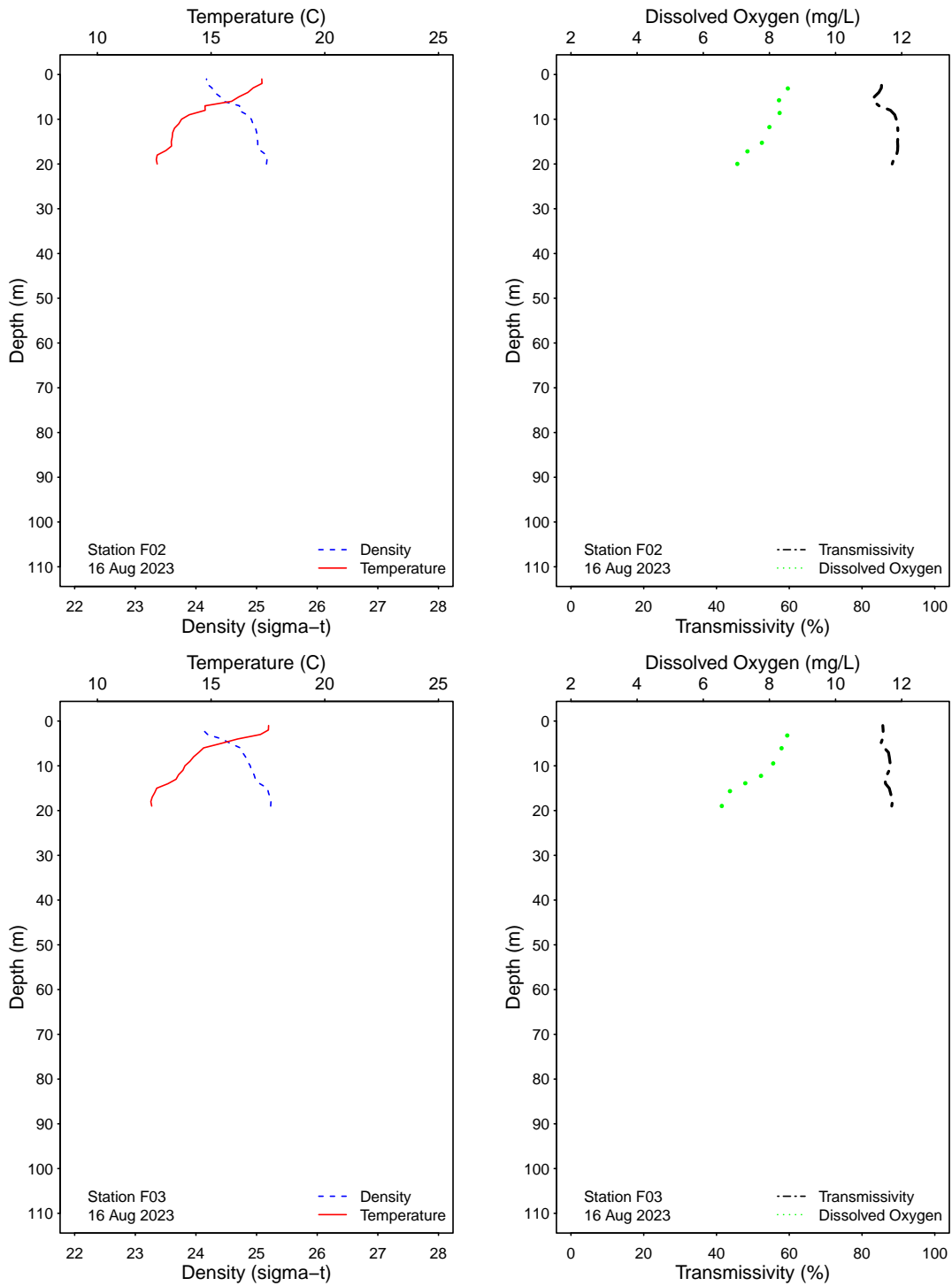


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

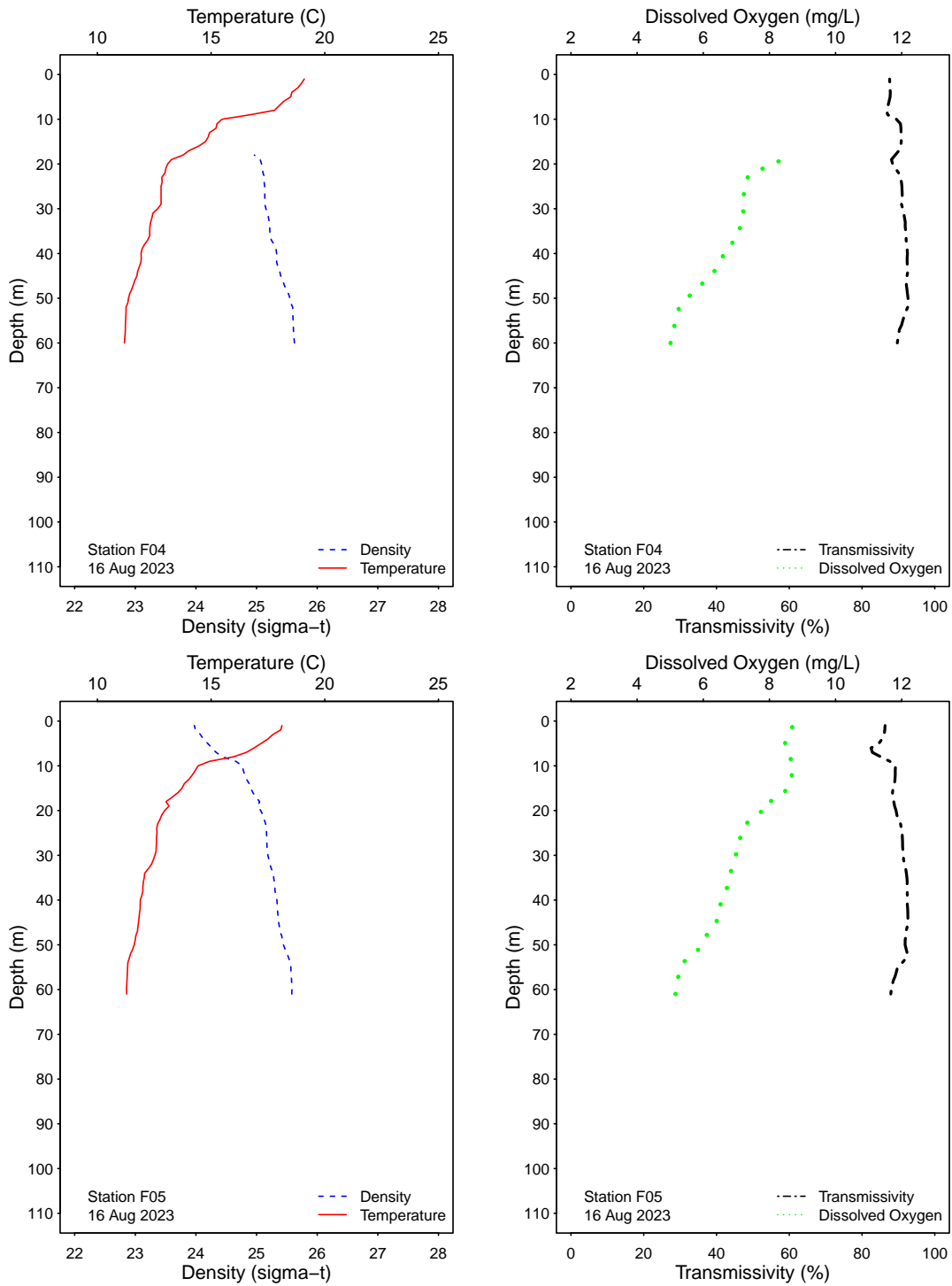


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

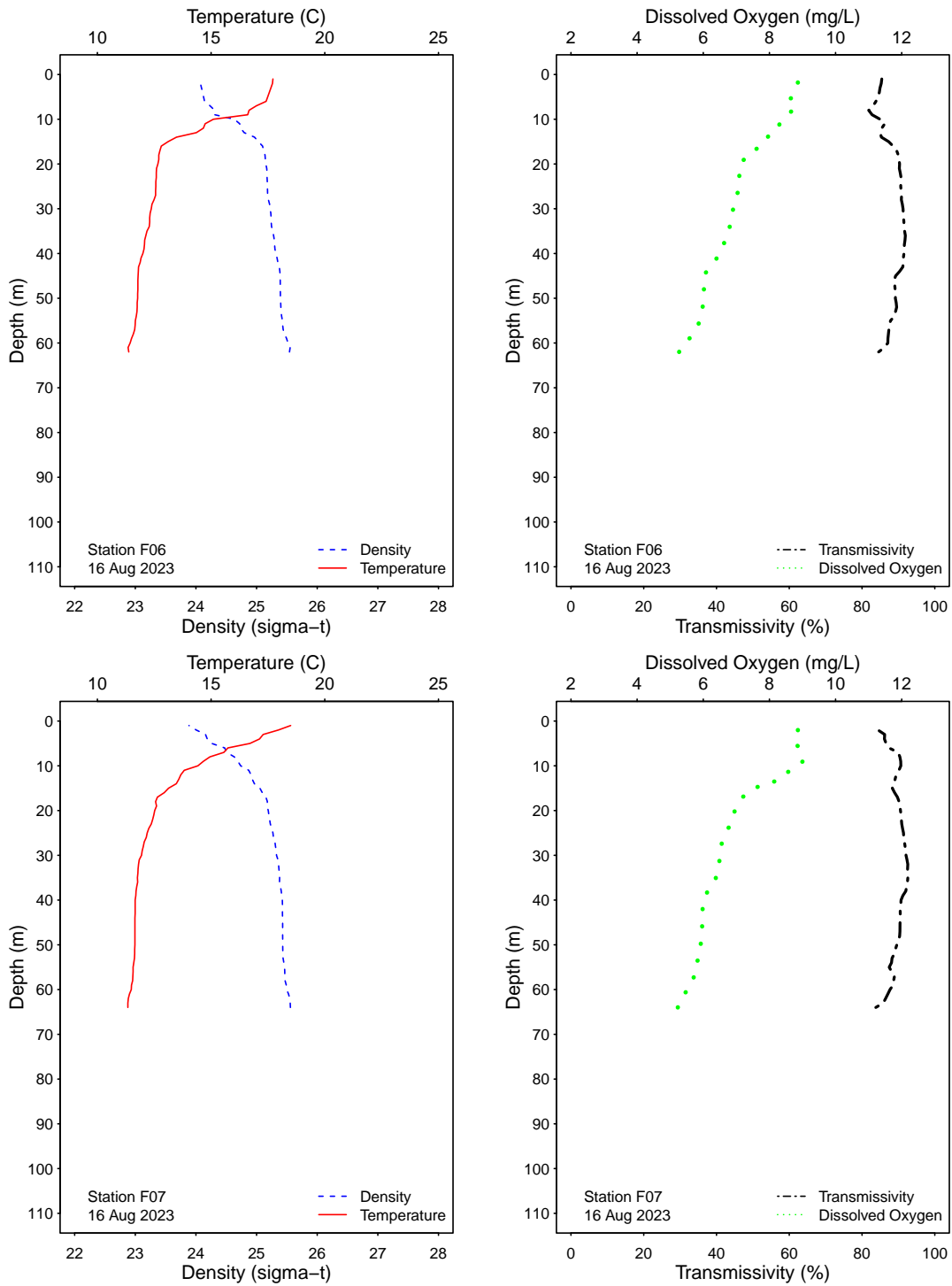


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

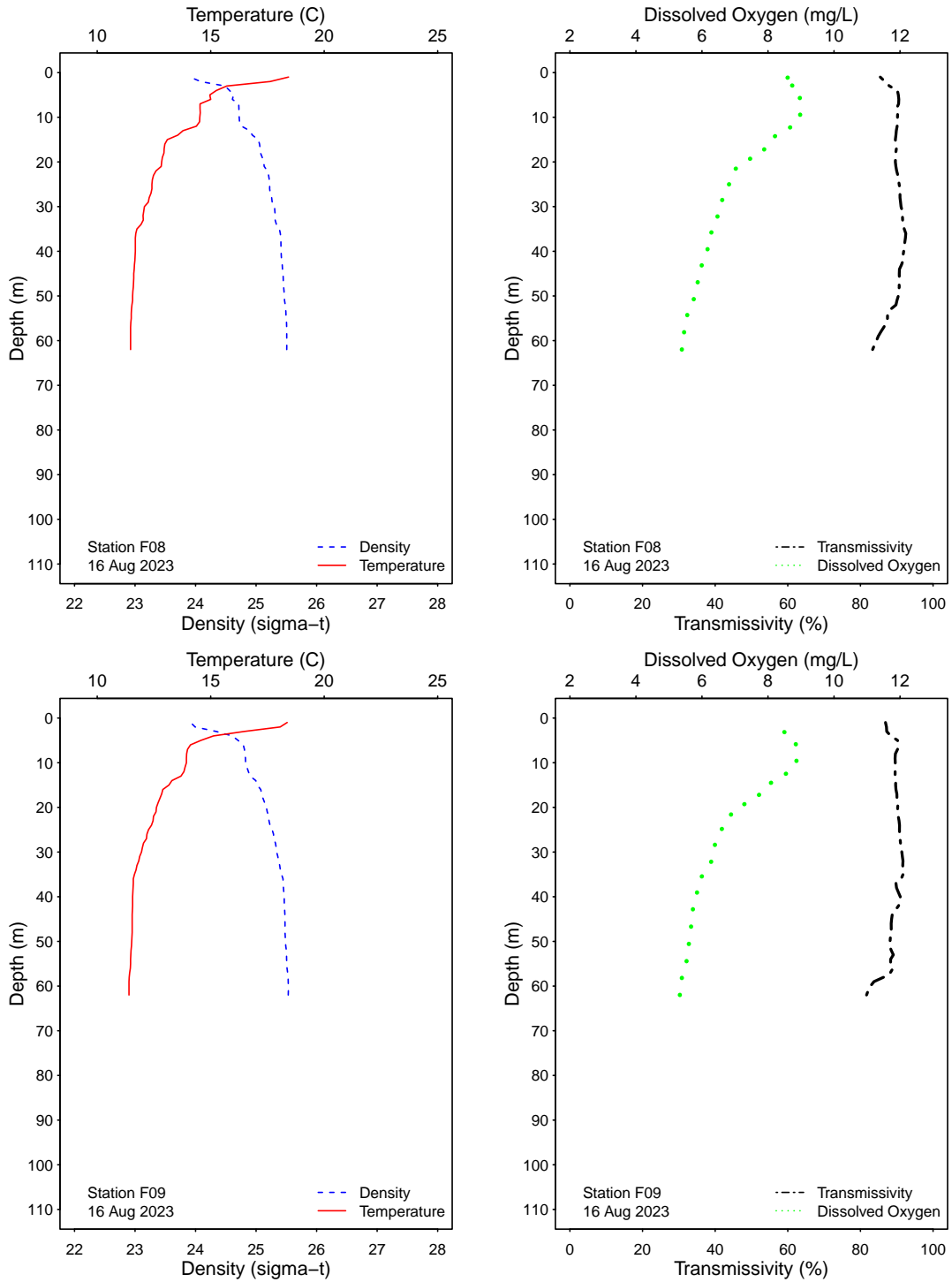


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

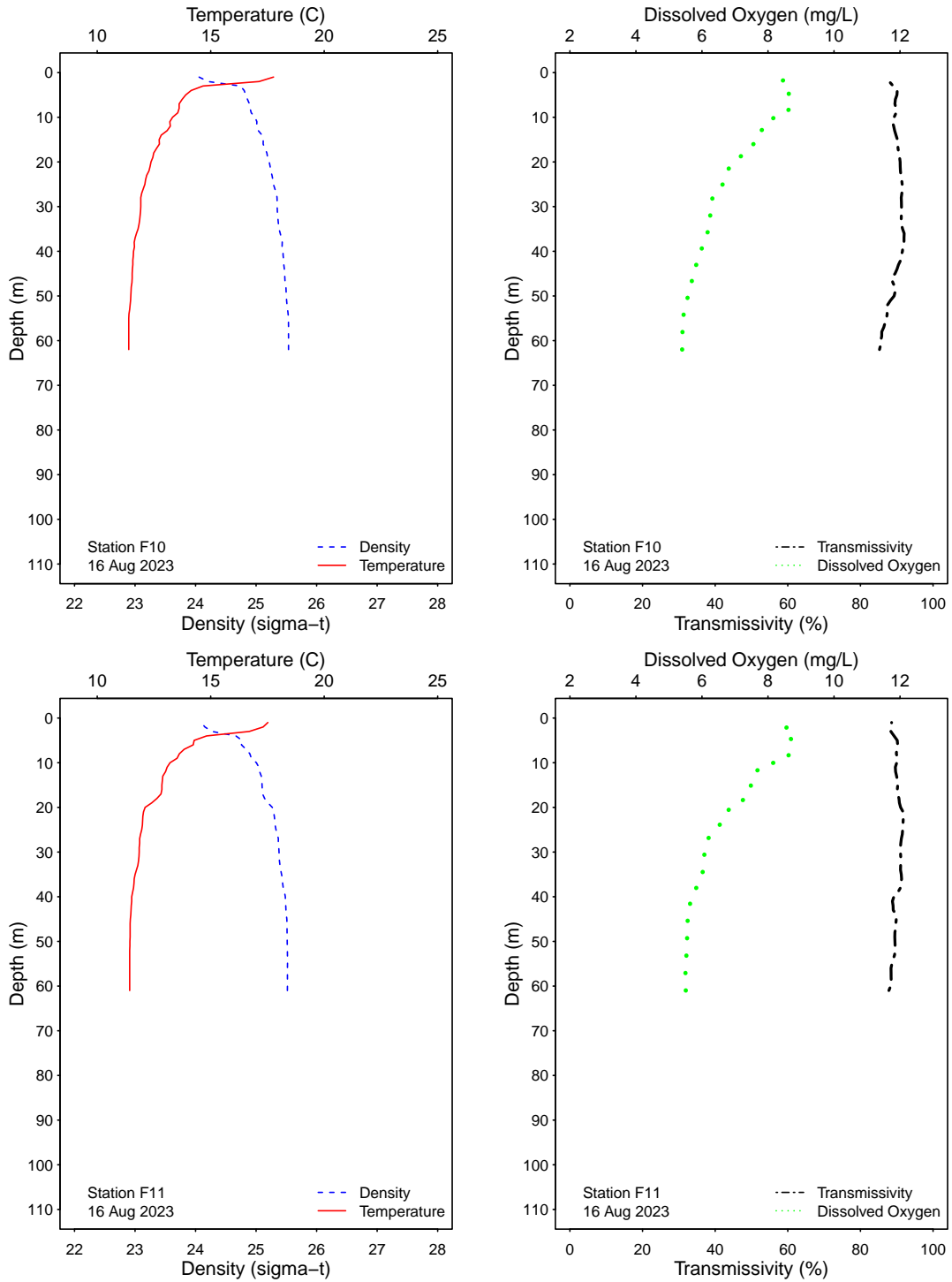


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

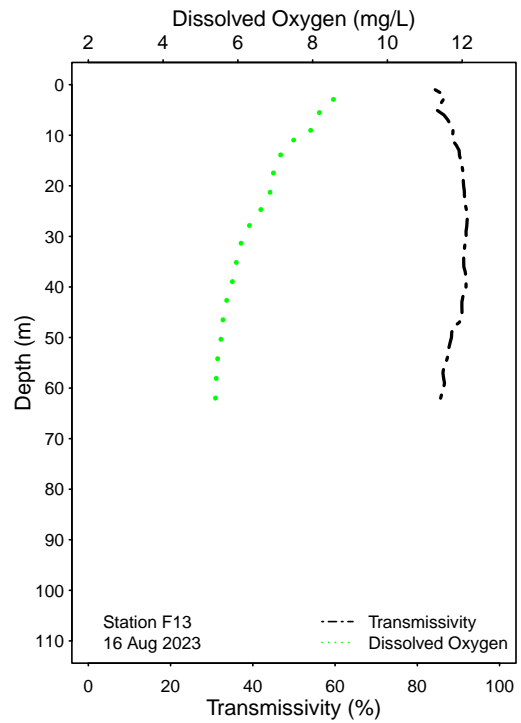
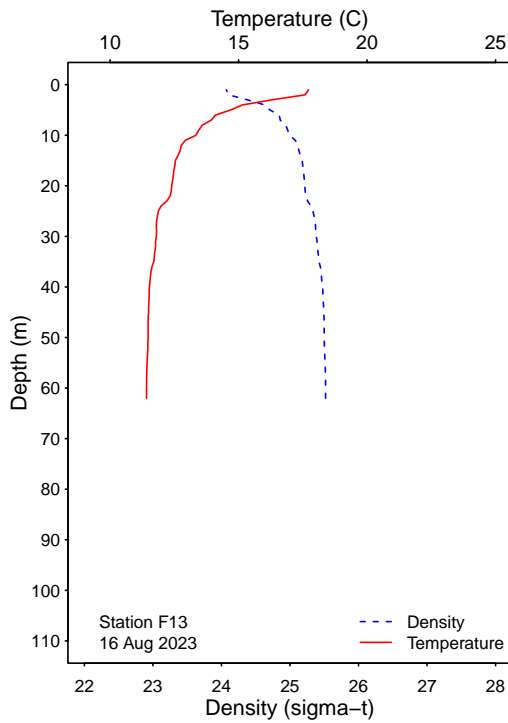
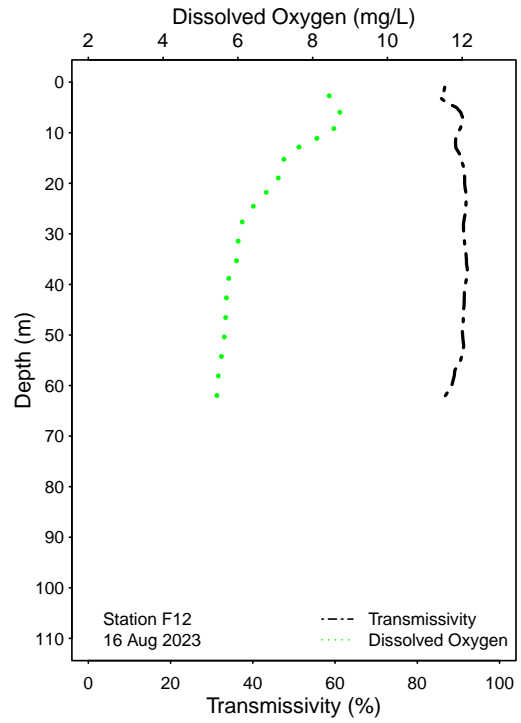
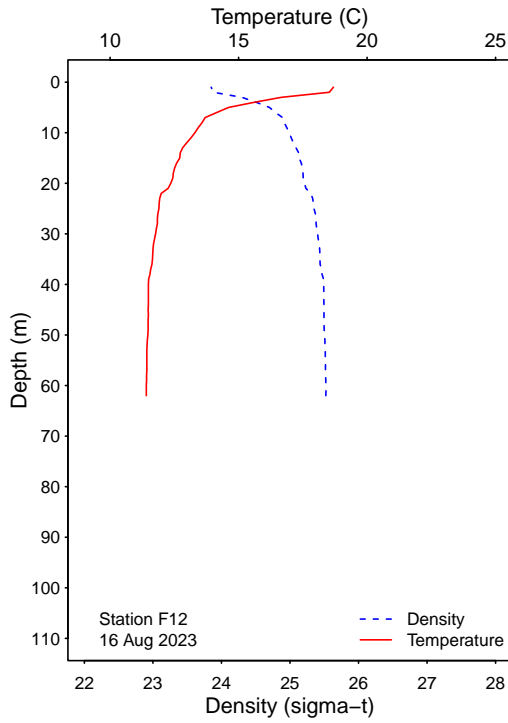


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

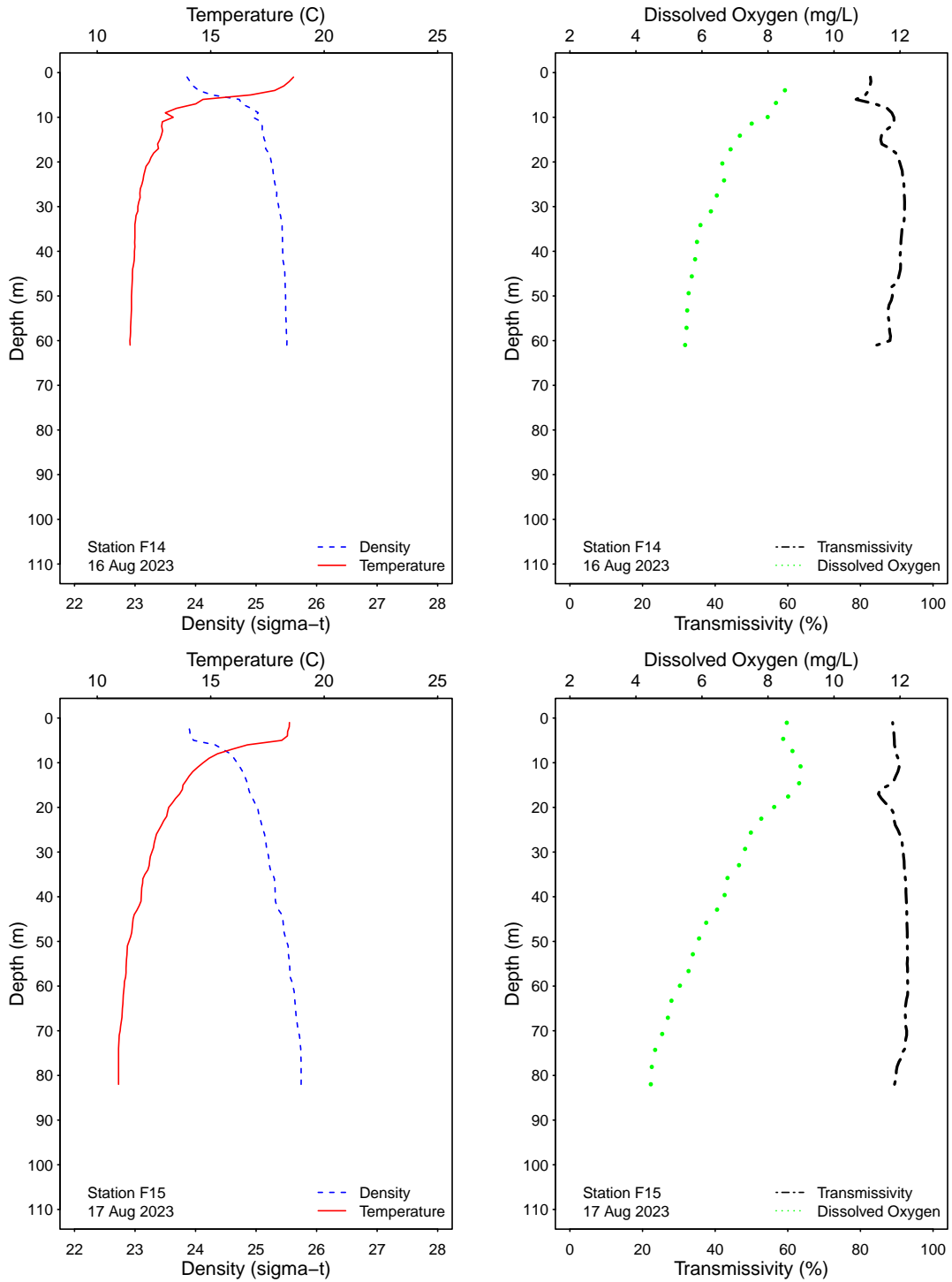


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

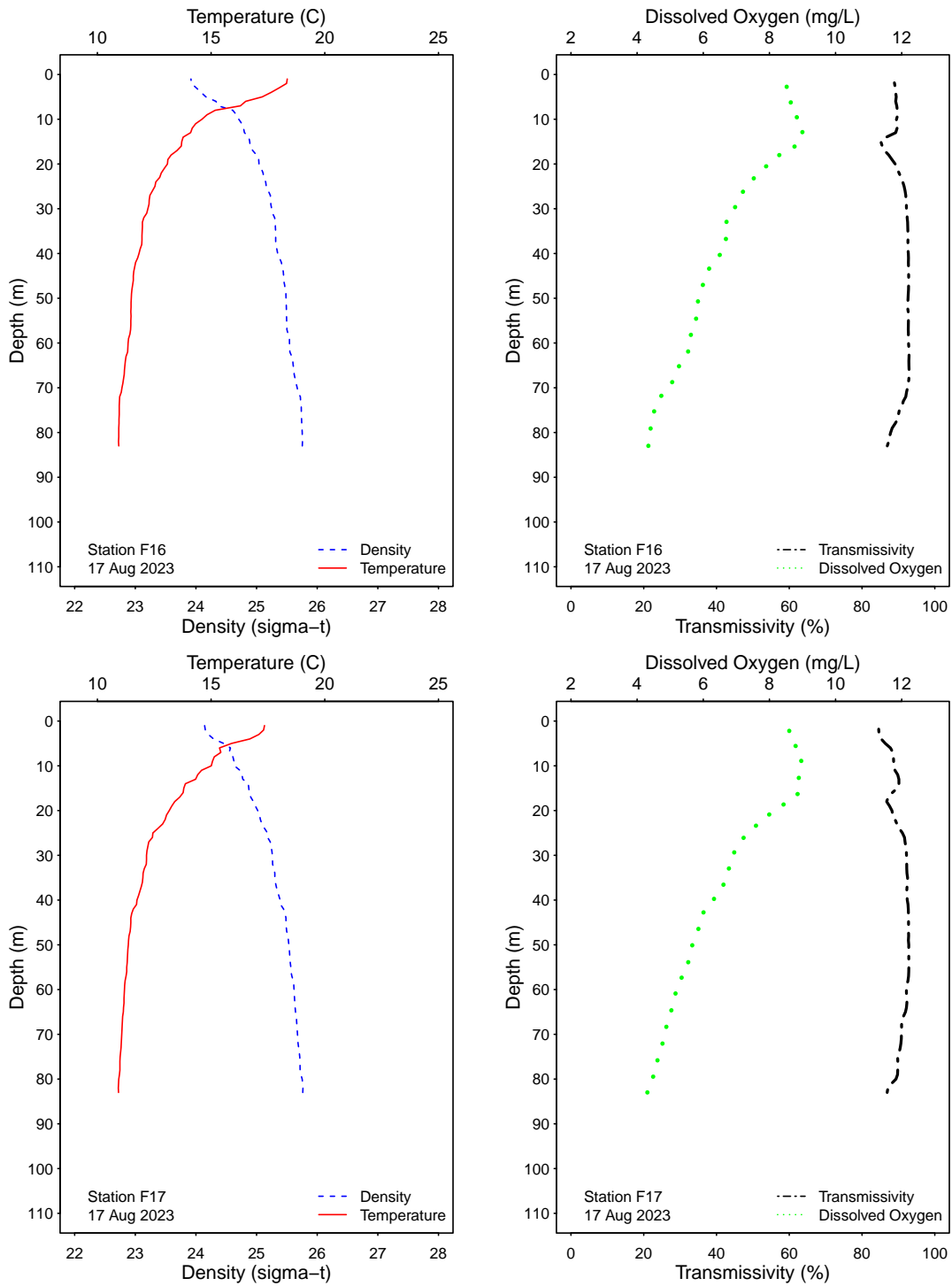


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

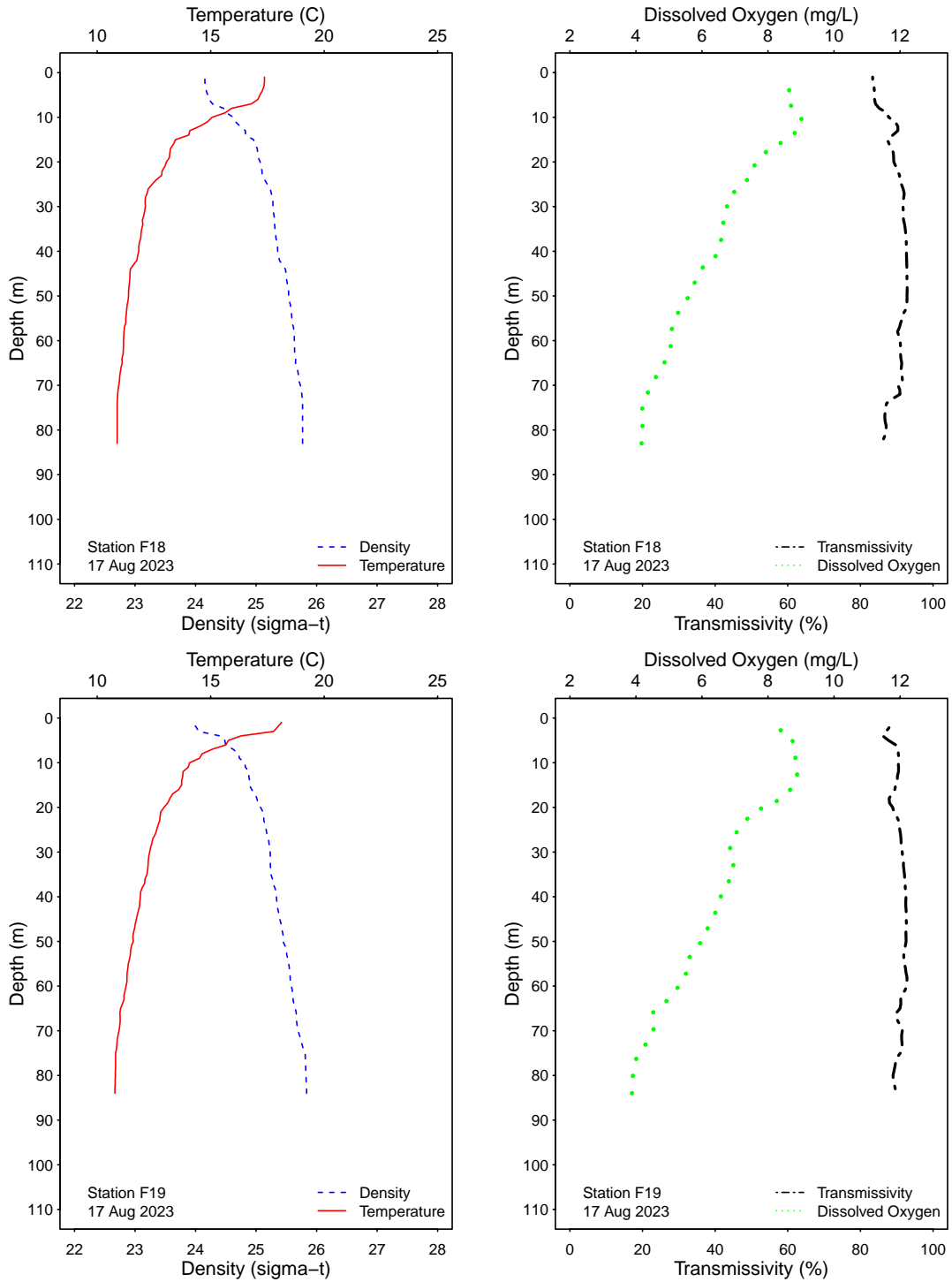


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

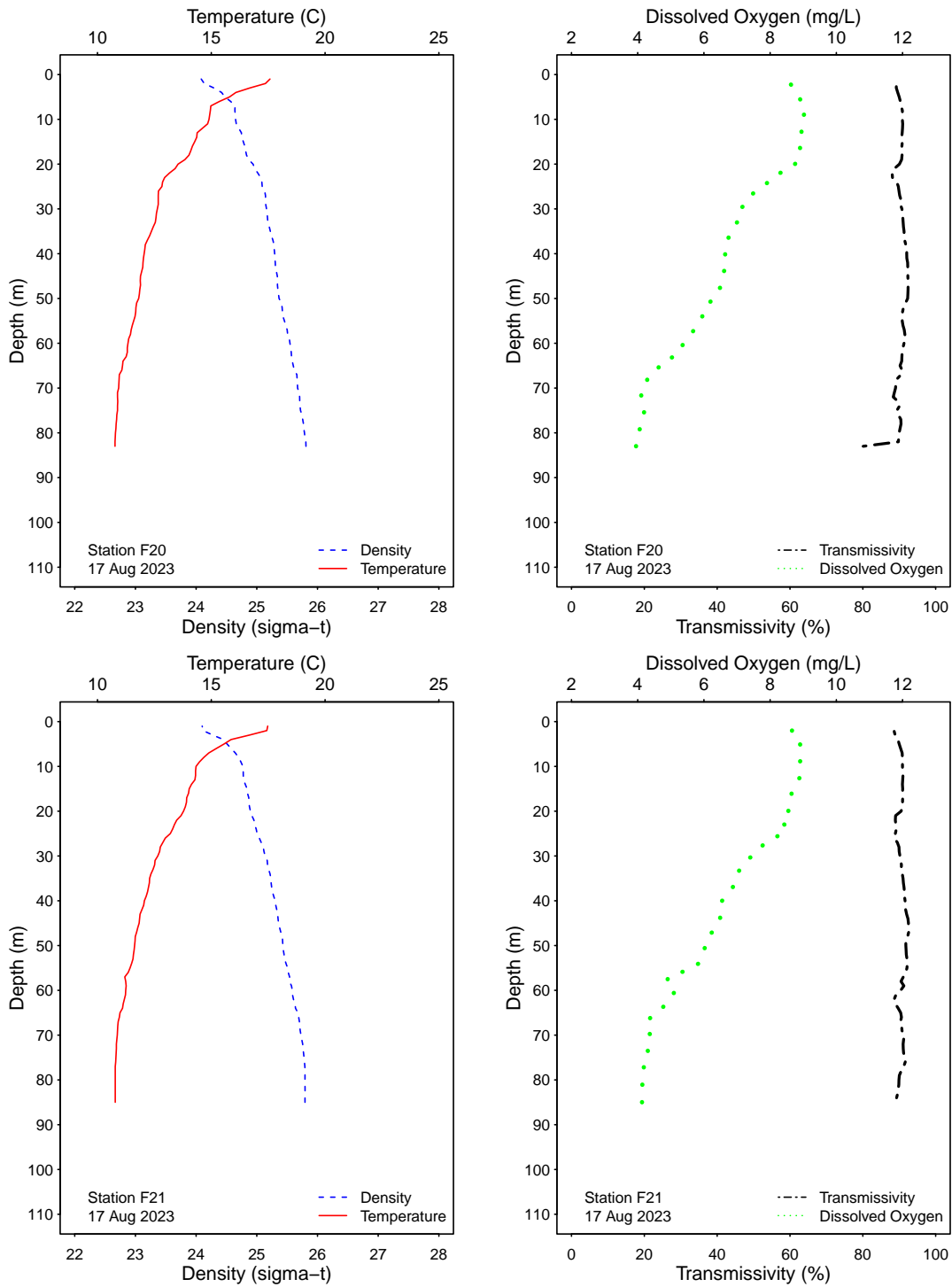


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

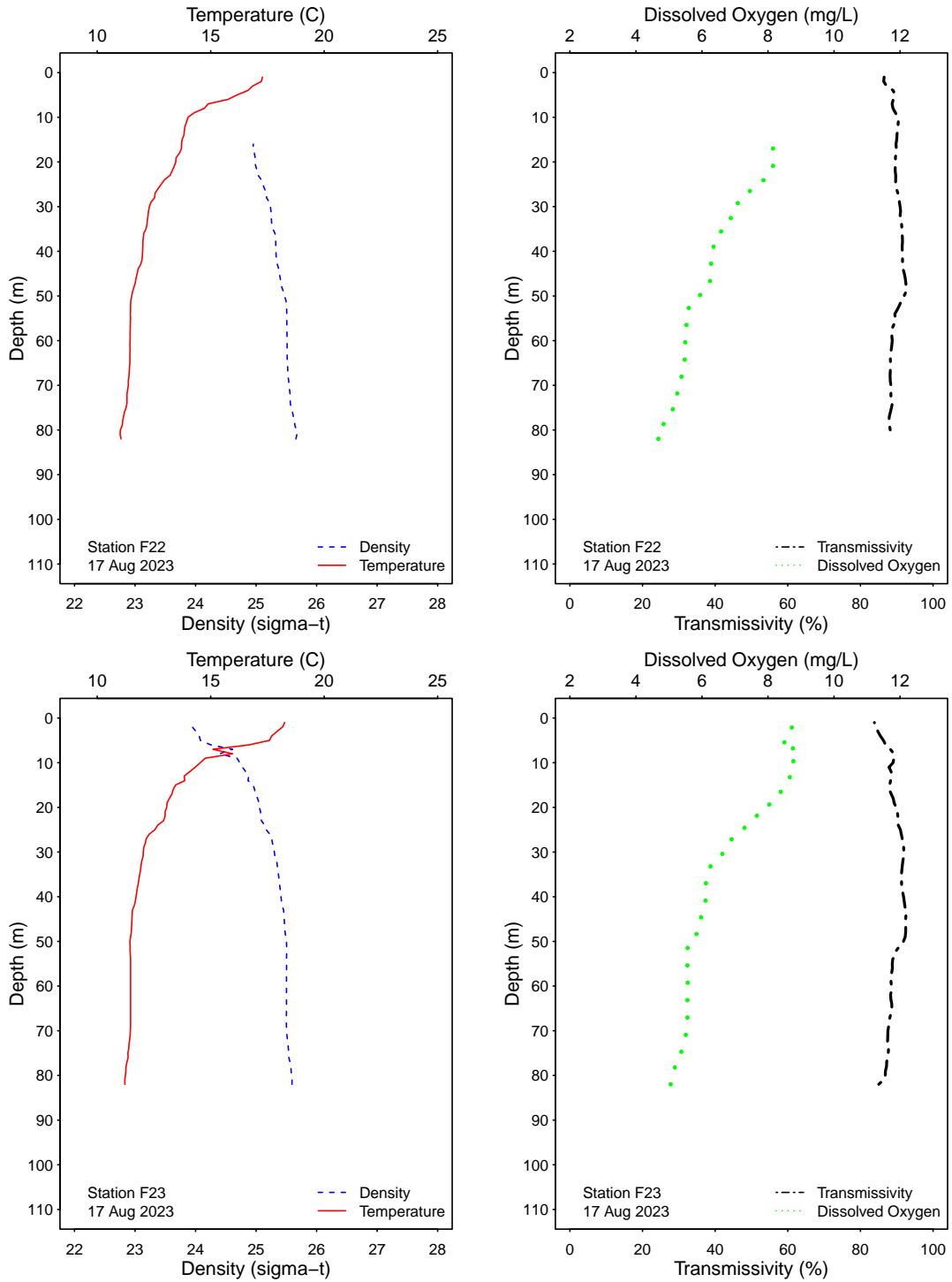


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

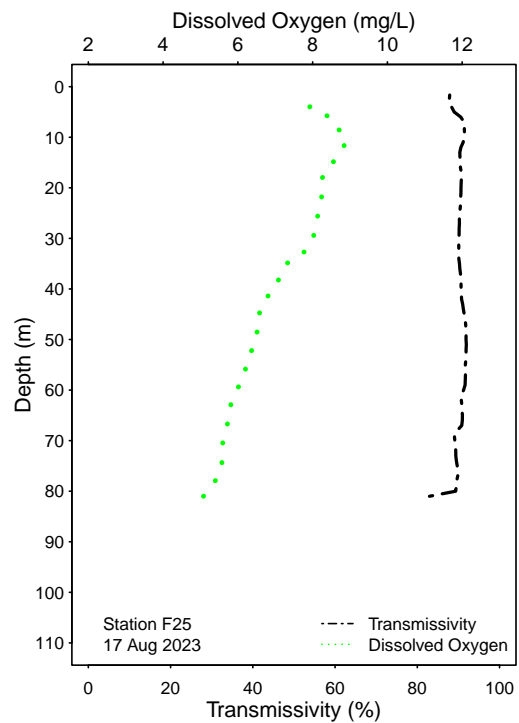
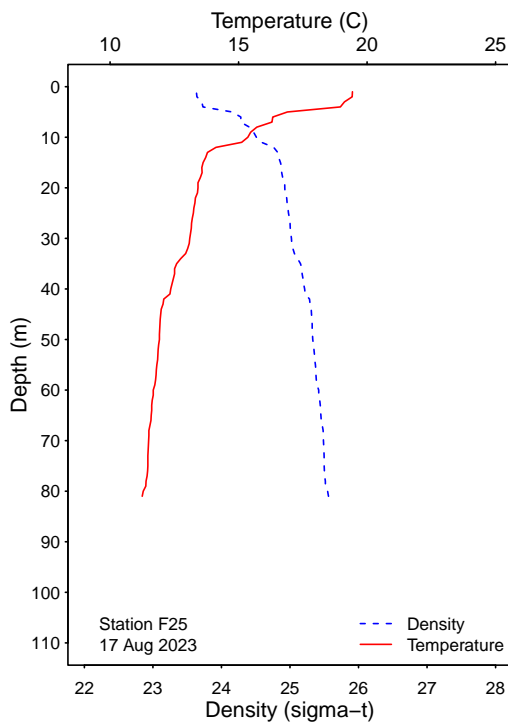
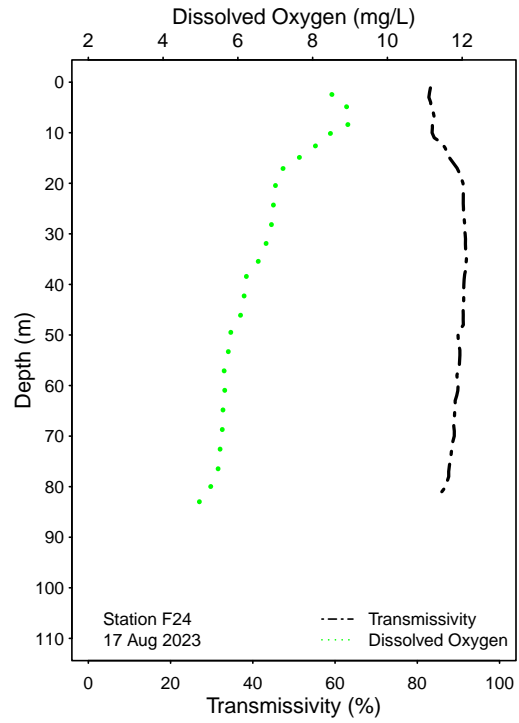
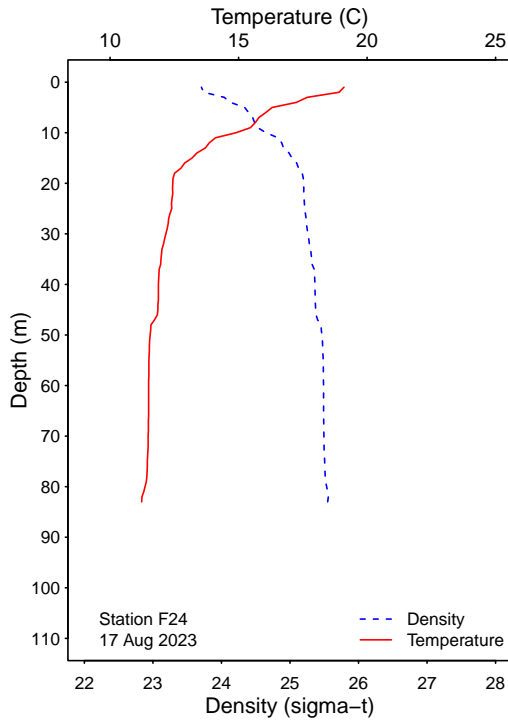


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

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
A7	04 Aug 2023	18	BS	LAB DUPLICATE	80e	<2	<2
A7	07 Aug 2023	18	WT	LAB DUPLICATE	40e	<2	<2
A7	14 Aug 2023	18	KT	LAB DUPLICATE	100	26e	<2
A7	23 Aug 2023	18	KT	LAB DUPLICATE	380e	66	24e
A7	28 Aug 2023	18	BS	LAB DUPLICATE	<20	2e	<2
C7	04 Aug 2023	18	BS	LAB DUPLICATE	8e	<2	<2
C7	07 Aug 2023	18	WT	LAB DUPLICATE	<2	<2	<2
C7	14 Aug 2023	18	KT	LAB DUPLICATE	8e	2e	<2
C7	23 Aug 2023	18	KT	LAB DUPLICATE	6e	2e	10e
C7	28 Aug 2023	18	BS	LAB DUPLICATE	10e	<2	<2
C8	04 Aug 2023	12	BS	LAB DUPLICATE	<20	2e	<2
C8	07 Aug 2023	12	WT	LAB DUPLICATE	<2	<2	<2
C8	14 Aug 2023	12	KT	LAB DUPLICATE	4e	<2	<2
C8	23 Aug 2023	12	KT	LAB DUPLICATE	200e	54	42
C8	28 Aug 2023	12	BS	LAB DUPLICATE	<2	<2	2e
D12	02 Aug 2023		KA	FIELD DUPLICATE	<200	10e	14e
D12	02 Aug 2023		KA	LAB DUPLICATE	<20	12e	28e
D12	09 Aug 2023		WT	FIELD DUPLICATE	<200	2e	<2
D12	09 Aug 2023		WT	LAB DUPLICATE	<20	2e	2e
D12	16 Aug 2023		KA	FIELD DUPLICATE	<20	4e	4e
D12	16 Aug 2023		KA	LAB DUPLICATE	<20	4e	2e
D12	23 Aug 2023		CRE	FIELD DUPLICATE	<200	<20	2e
D12	23 Aug 2023		CRE	LAB DUPLICATE	<200	<20	2e
D12	30 Aug 2023		JF	FIELD DUPLICATE	<20	<2	8e
D12	30 Aug 2023		JF	LAB DUPLICATE	<200	2e	4e
F01	16 Aug 2023	12	KT	LAB DUPLICATE	ns	ns	<2
F02	16 Aug 2023	12	KT	LAB DUPLICATE	ns	ns	<2
F07	16 Aug 2023	60	KT	LAB DUPLICATE	ns	ns	<2
F08	16 Aug 2023	60	KT	LAB DUPLICATE	ns	ns	6e
F11	16 Aug 2023	60	KT	LAB DUPLICATE	ns	ns	2e
F17	17 Aug 2023	80	WT	LAB DUPLICATE	ns	ns	<2
F18	17 Aug 2023	60	WT	LAB DUPLICATE	ns	ns	<2
F19	17 Aug 2023	60	WT	LAB DUPLICATE	ns	ns	12e
F20	17 Aug 2023	60	WT	LAB DUPLICATE	ns	ns	200e
F21	17 Aug 2023	80	JF	LAB DUPLICATE	ns	ns	160e
F28	15 Aug 2023	60	KA	LAB DUPLICATE	ns	ns	66
F29	15 Aug 2023	60	KA	LAB DUPLICATE	ns	ns	88
F30	15 Aug 2023	60	JF	LAB DUPLICATE	ns	ns	680
F31	15 Aug 2023	80	JF	LAB DUPLICATE	ns	ns	60e
F32	15 Aug 2023	80	JF	LAB DUPLICATE	ns	ns	2e
F34	15 Aug 2023	60	JF	LAB DUPLICATE	ns	ns	<2

ns = not sampled

ND = no data

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 2023	2	2	3	3	3	9	5	3
02 Aug 2023	2	2	3	4	2	10	7	4
03 Aug 2023	2	2	3	4	2	10	7	4
04 Aug 2023	2	2	3	4	2	10	7	4
05 Aug 2023	2	2	3	4	2	10	7	4
06 Aug 2023	2	2	3	4	2	10	7	4
07 Aug 2023	2	2	3	4	2	10	7	4
08 Aug 2023	2	2	3	4	2	10	7	4
09 Aug 2023	2	2	3	3	2	10	12	4
10 Aug 2023	2	2	3	3	2	10	12	4
11 Aug 2023	2	2	3	3	2	10	12	4
12 Aug 2023	2	2	3	3	2	10	12	4
13 Aug 2023	2	2	3	3	2	10	12	4
14 Aug 2023	2	2	3	3	2	10	12	4
15 Aug 2023	2	2	3	3	2	10	12	4
16 Aug 2023	2	2	5	3	2	13	10	3
17 Aug 2023	2	2	7	3	2	13	10	3
18 Aug 2023	2	2	7	3	2	13	10	3
19 Aug 2023	2	2	7	3	2	13	10	3
20 Aug 2023	2	2	7	3	2	13	10	3
21 Aug 2023	2	2	7	3	2	13	10	3
22 Aug 2023	2	2	7	3	2	13	10	3
23 Aug 2023	2	2	8	3	2	13	17	3
24 Aug 2023	2	2	8	3	2	13	17	3
25 Aug 2023	2	2	8	3	2	13	17	3
26 Aug 2023	2	2	8	3	2	13	17	3
27 Aug 2023	2	2	8	3	2	13	17	3
28 Aug 2023	2	2	8	3	2	13	17	3
29 Aug 2023	2	2	8	3	2	13	17	3
30 Aug 2023	2	2	12	5	3	16	21	4
31 Aug 2023	2	2	12	5	3	16	21	4

* Geometric mean calculated using n<5
 ns = not sampled

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	E	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 2023	20	20	110	120	13	40	20	20
02 Aug 2023	20	20	200	200	20	40	20	20
03 Aug 2023	20	20	200	200	20	40	20	20
04 Aug 2023	20	20	110	120	33	40	20	20
05 Aug 2023	20	20	110	120	33	40	20	20
06 Aug 2023	20	20	110	120	33	40	20	20
07 Aug 2023	20	20	110	120	33	40	20	20
08 Aug 2023	20	20	110	120	33	40	20	20
09 Aug 2023	20	20	200	40	60	40	20	20
10 Aug 2023	20	20	200	40	60	40	20	20
11 Aug 2023	20	40	110	32	60	50	70	20
12 Aug 2023	20	40	110	32	60	50	70	20
13 Aug 2023	20	40	110	32	60	50	70	20
14 Aug 2023	20	40	110	32	60	50	70	20
15 Aug 2023	20	40	110	32	60	50	70	20
16 Aug 2023	20	20	200	40	60	40	120	20
17 Aug 2023	20	20	200	40	60	40	120	20
18 Aug 2023	20	40	200	60	60	50	160	20
19 Aug 2023	20	40	200	60	60	50	160	20
20 Aug 2023	20	40	200	60	60	50	160	20
21 Aug 2023	20	40	200	60	60	50	160	20
22 Aug 2023	20	40	200	60	60	50	160	20
23 Aug 2023	20	60	200	80	60	60	200	20
24 Aug 2023	20	60	200	80	60	60	200	20
25 Aug 2023	20	110	200	140	130	100	200	110
26 Aug 2023	20	110	200	140	130	100	200	110
27 Aug 2023	20	110	200	140	130	100	200	110
28 Aug 2023	20	110	200	140	130	100	200	110
29 Aug 2023	20	110	200	140	130	100	200	110
30 Aug 2023	20	40	200	200	80	140	200	20
31 Aug 2023	20	40	200	200	80	140	200	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	E	E	IC	E	E	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Kelp Stations

Table B.5

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Aug 2023	2	2	2	2	2	2	2	2
02 Aug 2023	2	2	2	2	2	2	2	2
03 Aug 2023	2	2	2	2	2	2	2	2
04 Aug 2023	2	3	2	2	2	2	2	2
05 Aug 2023	2	3	2	2	2	2	2	2
06 Aug 2023	2	3	2	2	2	2	2	2
07 Aug 2023	2	3	2	2	2	2	2	2
08 Aug 2023	2	3	2	2	2	2	2	2
09 Aug 2023	2	3	2	2	2	2	2	2
10 Aug 2023	2	3	2	2	2	2	2	2
11 Aug 2023	2	3	2	2	2	2	2	2
12 Aug 2023	2	3	2	2	2	2	2	2
13 Aug 2023	2	3	2	2	2	2	2	2
14 Aug 2023	2	2	2	2	2	2	2	2
15 Aug 2023	2	2	2	2	2	2	2	2
16 Aug 2023	2	2	2	2	2	2	2	2
17 Aug 2023	2	2	2	2	2	2	2	2
18 Aug 2023	2	2	2	2	2	2	2	2
19 Aug 2023	2	2	2	2	2	2	2	2
20 Aug 2023	2	2	2	2	2	2	2	2
21 Aug 2023	2	2	2	2	2	2	2	2
22 Aug 2023	2	2	2	2	2	2	2	2
23 Aug 2023	3	3	3	3	2	2	2	3
24 Aug 2023	3	3	3	3	3	2	3	3
25 Aug 2023	3	3	3	3	3	2	3	3
26 Aug 2023	3	3	3	3	3	2	3	3
27 Aug 2023	3	3	3	3	3	2	3	3
28 Aug 2023	3	2	3	3	2	2	2	3
29 Aug 2023	3	2	3	3	2	2	2	3
30 Aug 2023	3	3	3	3	3	2	3	3
31 Aug 2023	3	3	3	3	3	2	3	3

* Geometric mean calculated using n<5

Table B.6

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

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

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Offshore Stations

Table B.9

Summary of compliance with the Ocean Plan's Statistical Threshold Value standard for *Enterococcus* bacteria at the PLOO offshore stations within State jurisdictional waters. Values 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

