



POINT LOMA OCEAN OUTFALL MONTHLY RECEIVING WATERS MONITORING REPORT

POINT LOMA WASTEWATER TREATMENT PLANT

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

MAY 2021

Environmental Monitoring and Technical Services
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June 31, 2021

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

Attention: POTW Compliance Unit

Dear Mr. Gibson:

Enclosed is the May 2021 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, chromomorphic dissolved organic matter (CDOM), and visual observations of weather and water conditions.

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

Bacteriological Reporting and Quality Assurance

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

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

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

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

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 2021 Quality Assurance Report, which will be completed in March 2022.

SUMMARY OF RESULTS

As of October 2020, new 2019 Ocean Plan Water Quality Objectives are included for a six-week rolling geometric mean of *Enterococcus* density, which shall not exceed 30 cfu/100 ml, and a Statistical Threshold Value (STV) for *Enterococcus*, which shall not exceed 110 cfu/100 ml for more than 10% of samples per month (see Appendix B).

Shore Stations

- The eight kelp bed water quality stations (D4, D5, D7, D8-B, D9, D10, D11, D12) were sampled on May 5, 12, 19, and 26.
- During May, each of the eight shore stations was in compliance with 2015 California Ocean Plan (Ocean Plan) water contact standards.
- Notable observations included a sewage-like odor at station D5 on one or more days during 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>).

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

Kelp Bed Stations

- The eight kelp bed water quality stations (A1, A6, A7, C4, C5, C6, C7, C8) were sampled on May 3, 10, 18, and 27.
- During May, each of the eight kelp bed stations was in compliance with the various 2015 Ocean Plan water contact standards.
- Water column temperatures ranged from 11.00 to 18.12°C. The difference between surface and bottom waters ranged from 1.98 to 6.2°C.
- Chlorophyll *a* concentrations ranged from 0.52 to 11.5 µg/L.
- Nothing of sewage origin was observed at any of the kelp stations.

Offshore Stations

- Quarterly offshore water quality sampling was conducted on May 11, 12, and 13.
- During May, two of the 15 offshore stations located within State jurisdictional waters (i.e., F01–F03, F06–F14, F18–F20) were out of compliance with the relevant Ocean Plan single sample maximum (SSM) standard for *Enterococcus*:
 - the SSM for *Enterococcus* was exceeded in the samples collected from 60 m or deeper at stations F19 and F20 on May 13.
- Of the remaining 21 offshore stations, eight had elevated densities of *Enterococcus* bacteria (i.e., <104 CFU/100 mL), as follows:
 - The SSM for *Enterococcus* was exceeded in the samples collected from stations F28-F33 on May 11th at depths of 60 m or deeper, and F24 and F25 on May 13th at 80 m.
- During May, water column temperatures ranged from 9.85 to 18.38°C. The difference between surface and bottom waters ranged from 0.06 to 7.26°C.
- Chlorophyll *a* concentrations ranged from 0.29 to 11.56 µg/L at the offshore stations during the month.
- CDOM data are available upon request.
- Nothing of sewage origin was observed at any of the offshore stations.



TABLES AND FIGURES

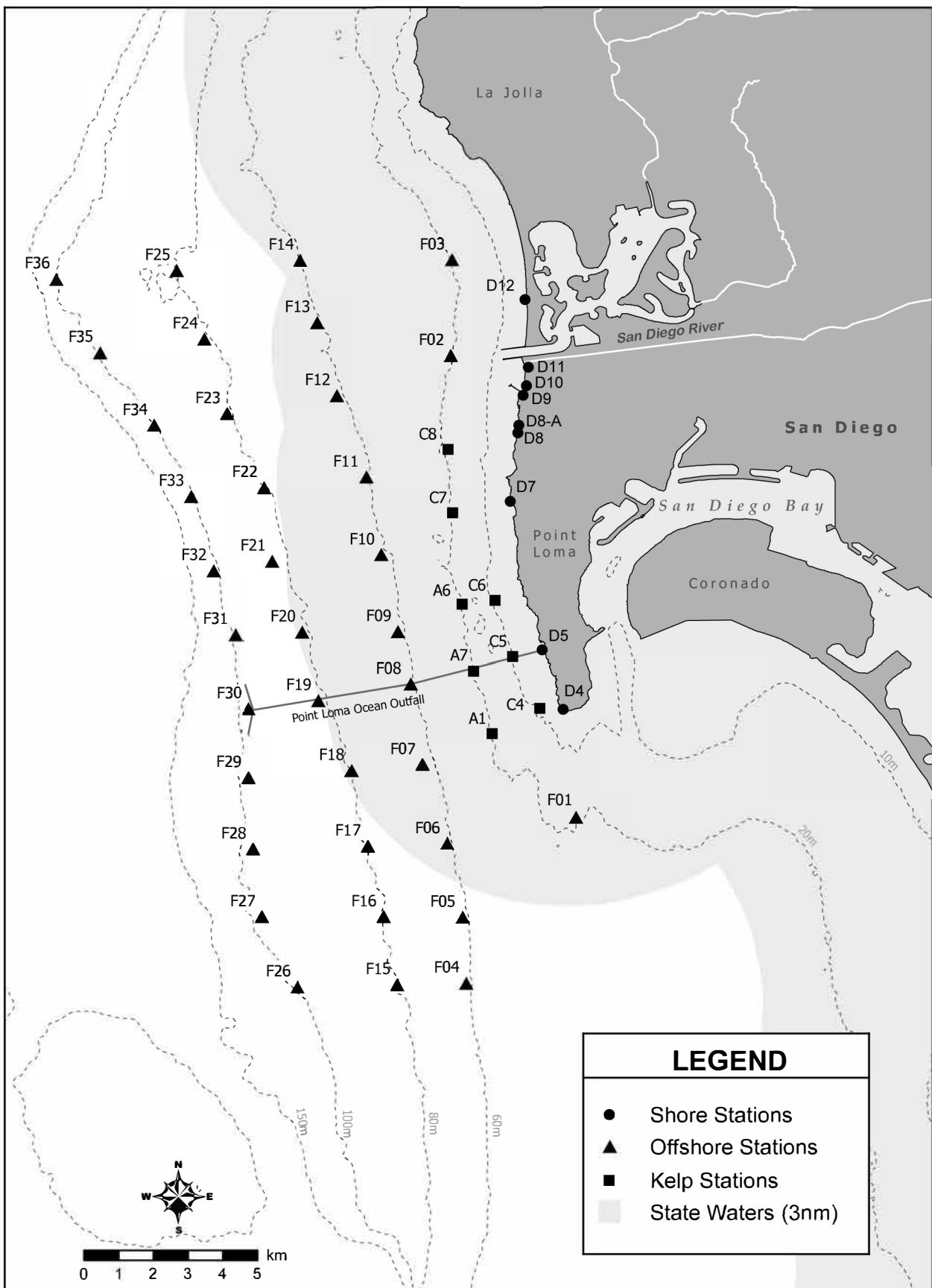


Figure 1.1 Station Map

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Shore Stations

Table 2.1

Summary of compliance with the Ocean Plan's 30-day Geometric Mean standard for 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 May 2021	4	4	6	13	11	13	19	4
02 May 2021	4	4	6	13	11	13	19	4
03 May 2021	4	4	6	13	11	13	19	4
04 May 2021	4	4	6	13	11	13	19	4
05 May 2021	3	3	5	14	13	14	19	4
06 May 2021	3	3	5	14	13	14	19	4
07 May 2021	4	4	6	24	17	13	34	4
08 May 2021	4	4	6	24	17	13	34	4
09 May 2021	4	4	6	24	17	13	34	4
10 May 2021	4	4	6	24	17	13	34	4
11 May 2021	4	4	6	24	17	13	34	4
12 May 2021	3	5	8	23	26	17	38	6
13 May 2021	3	5	8	23	26	17	38	6
14 May 2021	4	6	11	24	33	24	44	8
15 May 2021	4	6	11	24	33	24	44	8
16 May 2021	4	6	11	24	33	24	44	8
17 May 2021	4	6	11	24	33	24	44	8
18 May 2021	4	6	11	24	33	24	44	8
19 May 2021	3	8	16	21	27	23	38	6
20 May 2021	3	8	16	21	27	23	38	6
21 May 2021	4	11	15	22	29	24	31	6
22 May 2021	4	11	15	22	29	24	31	6
23 May 2021	4	11	15	22	29	24	31	6
24 May 2021	4	11	15	22	29	24	31	6
25 May 2021	4	11	15	22	29	24	31	6
26 May 2021	6	13	25	21	27	36	29	8
27 May 2021	6	13	25	21	27	36	29	8
28 May 2021	4	11	26	18	29	42	26	6
29 May 2021	4	11	26	18	29	42	26	6
30 May 2021	4	11	26	18	29	42	26	6
31 May 2021	4	11	26	18	29	42	26	6

* 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 May 2021	2	2	3	3	2	4	5	2
02 May 2021	2	2	3	3	2	4	5	2
03 May 2021	2	2	3	3	2	4	5	2
04 May 2021	2	2	3	3	2	4	5	2
05 May 2021	2	2	2	2	2	3	6	2
06 May 2021	2	2	2	2	2	3	6	2
07 May 2021	2	2	3	3	2	4	8	2
08 May 2021	2	2	3	3	2	4	8	2
09 May 2021	2	2	3	3	2	4	8	2
10 May 2021	2	2	3	3	2	4	8	2
11 May 2021	2	2	3	3	2	4	8	2
12 May 2021	2	2	2	2	2	3	8	2
13 May 2021	2	2	2	2	2	3	8	2
14 May 2021	2	2	3	2	2	4	10	2
15 May 2021	2	2	3	2	2	4	10	2
16 May 2021	2	2	3	2	2	4	10	2
17 May 2021	2	2	3	2	2	4	10	2
18 May 2021	2	2	3	2	2	4	10	2
19 May 2021	2	2	2	2	2	5	10	2
20 May 2021	2	2	2	2	2	5	10	2
21 May 2021	2	2	3	2	2	4	9	2
22 May 2021	2	2	3	2	2	4	9	2
23 May 2021	2	2	3	2	2	4	9	2
24 May 2021	2	2	3	2	2	4	9	2
25 May 2021	2	2	3	2	2	4	9	2
26 May 2021	3	2	5	2	2	4	8	2
27 May 2021	3	2	5	2	2	4	8	2
28 May 2021	3	3	5	2	3	4	8	2
29 May 2021	3	3	5	2	3	4	8	2
30 May 2021	3	3	5	2	3	4	8	2
31 May 2021	3	3	5	2	3	4	8	2

* 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 May 2021	3	2	3	2	3	4	4	2
02 May 2021	3	2	3	2	3	4	4	2
03 May 2021	3	2	3	2	3	4	4	2
04 May 2021	3	2	3	2	3	4	4	2
05 May 2021	2	2	3	2	3	3	4	2
06 May 2021	2	2	3	2	3	3	4	2
07 May 2021	3	3	3	2	3	3	4	2
08 May 2021	3	3	3	2	3	3	4	2
09 May 2021	3	3	3	2	3	3	4	2
10 May 2021	3	3	3	2	3	3	4	2
11 May 2021	3	3	3	2	3	3	4	2
12 May 2021	2	2	3	2	3	3	4	2
13 May 2021	2	2	3	2	3	3	4	2
14 May 2021	3	3	3	2	3	3	4	2
15 May 2021	3	3	3	2	3	3	4	2
16 May 2021	3	3	3	2	3	3	4	2
17 May 2021	3	3	3	2	3	3	4	2
18 May 2021	3	3	3	2	3	3	4	2
19 May 2021	2	2	3	2	4	3	6	2
20 May 2021	2	2	3	2	4	3	6	2
21 May 2021	3	3	3	2	4	3	6	2
22 May 2021	3	3	3	2	4	3	6	2
23 May 2021	3	3	3	2	4	3	6	2
24 May 2021	3	3	3	2	4	3	6	2
25 May 2021	3	3	3	2	4	3	6	2
26 May 2021	3	2	4	2	4	3	6	2
27 May 2021	3	2	4	2	4	3	6	2
28 May 2021	2	3	3	2	3	3	5	2
29 May 2021	2	3	3	2	3	3	5	2
30 May 2021	2	3	3	2	3	3	5	2
31 May 2021	2	3	3	2	3	3	5	2

* 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
05 May 2021	IC	IC	IC	IC	IC	IC	IC	IC
12 May 2021	IC	IC	IC	IC	IC	IC	IC	IC
19 May 2021	IC	IC	IC	IC	IC	IC	IC	IC
26 May 2021	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
05 May 2021	IC	IC	IC	IC	IC	IC	IC	IC
12 May 2021	IC	IC	IC	IC	IC	IC	IC	IC
19 May 2021	IC	IC	IC	IC	IC	IC	IC	IC
26 May 2021	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
05 May 2021	IC	IC	IC	IC	IC	IC	IC	IC
12 May 2021	IC	IC	IC	IC	IC	IC	IC	IC
19 May 2021	IC	IC	IC	IC	IC	IC	IC	IC
26 May 2021	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
05 May 2021	IC	IC	IC	IC	IC	IC	IC	IC
12 May 2021	IC	IC	IC	IC	IC	IC	IC	IC
19 May 2021	IC	IC	IC	IC	IC	IC	IC	IC
26 May 2021	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* (Enter) 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	Enter	F:T
D4	05 May 2021	835	2e	<2	<2	1.00
D4	12 May 2021	757	<2	<2	<2	1.00
D4	19 May 2021	800	<2	<2	<2	1.00
D4	26 May 2021	748	40e	8e	4e	0.20
D5	05 May 2021	816	2e	<2	6e	1.00
D5	12 May 2021	815	<20	<2	<2	0.10
D5	19 May 2021	820	<20	2e	<2	0.10
D5	26 May 2021	803	20e	6e	<2	0.30
D7	05 May 2021	900	2e	<2	<2	1.00
D7	12 May 2021	848	<20	<2	<2	0.10
D7	19 May 2021	852	60e	2e	<2	0.03
D7	26 May 2021	827	200e	86	8e	0.43
D8-B	05 May 2021	930	<20	<2	<2	0.10
D8-B	12 May 2021	915	20e	<2	<2	0.10
D8-B	19 May 2021	920	14e	<2	2e	0.14
D8-B	26 May 2021	839	<20	4e	2e	0.20
D9	05 May 2021	943	20e	<2	<2	0.10
D9	12 May 2021	931	140e	<2	<2	0.01
D9	19 May 2021	930	12e	2e	6e	0.17
D9	26 May 2021	850	<20	6e	6e	0.30
D10	05 May 2021	956	20e	<2	<2	0.10
D10	12 May 2021	948	40e	<2	2e	0.05
D10	19 May 2021	949	20e	<20	<2	1.00
D10	26 May 2021	902	200e	2e	8e	0.01
D11	05 May 2021	1022	<20	10e	4e	0.50
D11	12 May 2021	1019	60e	6e	<2	0.10
D11	19 May 2021	1021	<20	10e	22e	0.50
D11	26 May 2021	942	<20	6e	4e	0.30
D12	05 May 2021	1104	<2	<2	<2	1.00
D12	12 May 2021	1058	<20	<2	<2	0.10
D12	19 May 2021	1047	<2	<2	<2	1.00
D12	26 May 2021	1007	<20	<2	2e	0.10

ns = not sampled

ND = no data

Table 2.9

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

Station	Date	Parameter	Value
D4	05 May 2021	Arrive Time	835
D4	05 May 2021	Weather	Overcast
D4	05 May 2021	Wind Speed (kts)	1.1
D4	05 May 2021	Wind Dir	N
D4	05 May 2021	Animal Life	None
D4	05 May 2021	Floatables	None
D4	05 May 2021	Water Color	Green
D4	05 May 2021	Current Direction	N
D4	05 May 2021	Water Temp (C)	17.9
D4	05 May 2021	Wave Height Low (ft)	3
D4	05 May 2021	High Tide (ft)	4.2
D4	05 May 2021	High Tide Time	533
D4	05 May 2021	Low Tide (ft)	0
D4	05 May 2021	Low Tide Time	1227
D4	05 May 2021	Comments	Water clear; Kelp; Seagrass; Algae; Trash-1; 6 Surfers; 4 Boats
D4	12 May 2021	Arrive Time	757
D4	12 May 2021	Weather	Overcast
D4	12 May 2021	Wind Speed (kts)	1.5
D4	12 May 2021	Wind Dir	NW
D4	12 May 2021	Animal Life	2 Cliff Swallows; 2 Seagulls
D4	12 May 2021	Floatables	Foam
D4	12 May 2021	Water Color	Green
D4	12 May 2021	Current Direction	S
D4	12 May 2021	Water Temp (C)	18.7
D4	12 May 2021	Wave Height Low (ft)	1
D4	12 May 2021	High Tide (ft)	3.56
D4	12 May 2021	High Tide Time	1038
D4	12 May 2021	Low Tide (ft)	-0.38
D4	12 May 2021	Low Tide Time	428
D4	12 May 2021	Comments	Water clear; 1 Boat; Algae; Seagrass; Trash-1
D4	19 May 2021	Arrive Time	800
D4	19 May 2021	Weather	Overcast
D4	19 May 2021	Wind Speed (kts)	5.8
D4	19 May 2021	Wind Dir	SW
D4	19 May 2021	Animal Life	1 Seagull
D4	19 May 2021	Floatables	None
D4	19 May 2021	Water Color	Green
D4	19 May 2021	Current Direction	N
D4	19 May 2021	Water Temp (C)	18
D4	19 May 2021	Wave Height Low (ft)	1
D4	19 May 2021	High Tide (ft)	4.12
D4	19 May 2021	High Tide Time	226
D4	19 May 2021	Low Tide (ft)	0.26
D4	19 May 2021	Low Tide Time	1021
D4	19 May 2021	Comments	Water clear; Seagrass; Trash-1; 3 Surfers; 2 Boats
D4	26 May 2021	Arrive Time	748
D4	26 May 2021	Weather	Overcast
D4	26 May 2021	Wind Speed (kts)	7.3
D4	26 May 2021	Wind Dir	SW
D4	26 May 2021	Animal Life	1 Seagull
D4	26 May 2021	Floatables	None
D4	26 May 2021	Water Color	Green

Station	Date	Parameter	Value
D4	26 May 2021	Current Direction	N
D4	26 May 2021	Water Temp (C)	17.1
D4	26 May 2021	Wave Height Low (ft)	2
D4	26 May 2021	High Tide (ft)	4.06
D4	26 May 2021	High Tide Time	1012
D4	26 May 2021	Low Tide (ft)	-1.52
D4	26 May 2021	Low Tide Time	359
D4	26 May 2021	Comments	Algae; Water clear; 1 Boat; Trash - 1
D5	05 May 2021	Arrive Time	816
D5	05 May 2021	Weather	Overcast
D5	05 May 2021	Wind Speed (kts)	2.5
D5	05 May 2021	Wind Dir	N
D5	05 May 2021	Animal Life	None
D5	05 May 2021	Floatables	Foam; Film
D5	05 May 2021	Water Color	Green
D5	05 May 2021	Current Direction	N
D5	05 May 2021	Water Temp (C)	19.4
D5	05 May 2021	Wave Height Low (ft)	2
D5	05 May 2021	High Tide (ft)	4.2
D5	05 May 2021	High Tide Time	533
D5	05 May 2021	Low Tide (ft)	0
D5	05 May 2021	Low Tide Time	1227
D5	05 May 2021	Comments	Water clear; Kelp; Seagrass; Algae; Trash-1
D5	12 May 2021	Arrive Time	815
D5	12 May 2021	Weather	Overcast
D5	12 May 2021	Wind Speed (kts)	0
D5	12 May 2021	Wind Dir	
D5	12 May 2021	Animal Life	5 Pelicans
D5	12 May 2021	Floatables	Foam
D5	12 May 2021	Water Color	Green
D5	12 May 2021	Current Direction	S
D5	12 May 2021	Water Temp (C)	19.8
D5	12 May 2021	Wave Height Low (ft)	1
D5	12 May 2021	High Tide (ft)	3.56
D5	12 May 2021	High Tide Time	1038
D5	12 May 2021	Low Tide (ft)	-0.38
D5	12 May 2021	Low Tide Time	428
D5	12 May 2021	Comments	Water clear; 1 Boat; Algae; Trash-1
D5	19 May 2021	Arrive Time	820
D5	19 May 2021	Weather	Overcast
D5	19 May 2021	Wind Speed (kts)	0.3
D5	19 May 2021	Wind Dir	SW
D5	19 May 2021	Animal Life	1 Seagull; 1 Seal
D5	19 May 2021	Floatables	Foam
D5	19 May 2021	Water Color	Green
D5	19 May 2021	Current Direction	N
D5	19 May 2021	Water Temp (C)	17.2
D5	19 May 2021	Wave Height Low (ft)	1
D5	19 May 2021	High Tide (ft)	4.12
D5	19 May 2021	High Tide Time	226
D5	19 May 2021	Low Tide (ft)	0.26
D5	19 May 2021	Low Tide Time	1021
D5	19 May 2021	Comments	Water turbid; Seagrass; Algae; Trash-1; Sewage-like odor
D5	26 May 2021	Arrive Time	803
D5	26 May 2021	Weather	Overcast
D5	26 May 2021	Wind Speed (kts)	4.4
D5	26 May 2021	Wind Dir	S

Station	Date	Parameter	Value
D5	26 May 2021	Animal Life	None
D5	26 May 2021	Floatables	Foam
D5	26 May 2021	Water Color	Green
D5	26 May 2021	Current Direction	N
D5	26 May 2021	Water Temp (C)	18.3
D5	26 May 2021	Wave Height Low (ft)	3
D5	26 May 2021	High Tide (ft)	4.06
D5	26 May 2021	High Tide Time	1012
D5	26 May 2021	Low Tide (ft)	-1.52
D5	26 May 2021	Low Tide Time	359
D5	26 May 2021	Comments	Algae; Water turbid; Trash - 1
D7	05 May 2021	Arrive Time	900
D7	05 May 2021	Weather	Overcast
D7	05 May 2021	Wind Speed (kts)	1.1
D7	05 May 2021	Wind Dir	W
D7	05 May 2021	Animal Life	None
D7	05 May 2021	Floatables	Film
D7	05 May 2021	Water Color	Green
D7	05 May 2021	Current Direction	N
D7	05 May 2021	Water Temp (C)	19.4
D7	05 May 2021	Wave Height Low (ft)	3
D7	05 May 2021	High Tide (ft)	4.2
D7	05 May 2021	High Tide Time	533
D7	05 May 2021	Low Tide (ft)	0
D7	05 May 2021	Low Tide Time	1227
D7	05 May 2021	Comments	Water clear; Kelp; Seagrass; Algae; Trash-1; 1 Surfer
D7	12 May 2021	Arrive Time	848
D7	12 May 2021	Weather	Overcast
D7	12 May 2021	Wind Speed (kts)	1.9
D7	12 May 2021	Wind Dir	NW
D7	12 May 2021	Animal Life	5 Dolphins
D7	12 May 2021	Floatables	None
D7	12 May 2021	Water Color	Green
D7	12 May 2021	Current Direction	S
D7	12 May 2021	Water Temp (C)	19.6
D7	12 May 2021	Wave Height Low (ft)	2
D7	12 May 2021	High Tide (ft)	3.56
D7	12 May 2021	High Tide Time	1038
D7	12 May 2021	Low Tide (ft)	-0.38
D7	12 May 2021	Low Tide Time	428
D7	12 May 2021	Comments	Water clear; 2 Surfers; 1 Person; Seagrass; Trash-1
D7	19 May 2021	Arrive Time	852
D7	19 May 2021	Weather	Overcast
D7	19 May 2021	Wind Speed (kts)	2.7
D7	19 May 2021	Wind Dir	SW
D7	19 May 2021	Animal Life	4 Seagulls; 2 Dolphins; 1 Squirrel
D7	19 May 2021	Floatables	None
D7	19 May 2021	Water Color	Green
D7	19 May 2021	Current Direction	N
D7	19 May 2021	Water Temp (C)	18.7
D7	19 May 2021	Wave Height Low (ft)	2
D7	19 May 2021	High Tide (ft)	4.12
D7	19 May 2021	High Tide Time	226
D7	19 May 2021	Low Tide (ft)	0.26
D7	19 May 2021	Low Tide Time	1021
D7	19 May 2021	Comments	Water clear; Kelp; Seagrass; Algae; Trash-1; 18 Surfers; 1 Boat

Station	Date	Parameter	Value
D7	26 May 2021	Arrive Time	827
D7	26 May 2021	Weather	Overcast
D7	26 May 2021	Wind Speed (kts)	6.9
D7	26 May 2021	Wind Dir	S
D7	26 May 2021	Animal Life	2 Seagulls
D7	26 May 2021	Floatables	Foam
D7	26 May 2021	Water Color	Green
D7	26 May 2021	Current Direction	N
D7	26 May 2021	Water Temp (C)	19.3
D7	26 May 2021	Wave Height Low (ft)	4
D7	26 May 2021	High Tide (ft)	4.06
D7	26 May 2021	High Tide Time	1012
D7	26 May 2021	Low Tide (ft)	-1.52
D7	26 May 2021	Low Tide Time	359
D7	26 May 2021	Comments	Kelp; Algae; Water turbid; 6 Surfers; Trash - 1
D8-B	05 May 2021	Arrive Time	930
D8-B	05 May 2021	Weather	Overcast
D8-B	05 May 2021	Wind Speed (kts)	4
D8-B	05 May 2021	Wind Dir	W
D8-B	05 May 2021	Animal Life	1 Seal; 1 Pelican
D8-B	05 May 2021	Floatables	Film
D8-B	05 May 2021	Water Color	Green
D8-B	05 May 2021	Current Direction	S
D8-B	05 May 2021	Water Temp (C)	19.2
D8-B	05 May 2021	Wave Height Low (ft)	3
D8-B	05 May 2021	High Tide (ft)	4.2
D8-B	05 May 2021	High Tide Time	533
D8-B	05 May 2021	Low Tide (ft)	0
D8-B	05 May 2021	Low Tide Time	1227
D8-B	05 May 2021	Comments	Water clear; Kelp; Seagrass; Algae; Trash-1; 1 Surfer
D8-B	12 May 2021	Arrive Time	915
D8-B	12 May 2021	Weather	Overcast
D8-B	12 May 2021	Wind Speed (kts)	2.5
D8-B	12 May 2021	Wind Dir	W
D8-B	12 May 2021	Animal Life	5 Dolphins
D8-B	12 May 2021	Floatables	None
D8-B	12 May 2021	Water Color	Green
D8-B	12 May 2021	Current Direction	S
D8-B	12 May 2021	Water Temp (C)	16.9
D8-B	12 May 2021	Wave Height Low (ft)	2
D8-B	12 May 2021	High Tide (ft)	3.56
D8-B	12 May 2021	High Tide Time	1038
D8-B	12 May 2021	Low Tide (ft)	-0.38
D8-B	12 May 2021	Low Tide Time	428
D8-B	12 May 2021	Comments	Water turbid; 1 Boat; 1 Person; Kelp; Trash-1
D8-B	19 May 2021	Arrive Time	920
D8-B	19 May 2021	Weather	Overcast
D8-B	19 May 2021	Wind Speed (kts)	6.2
D8-B	19 May 2021	Wind Dir	W
D8-B	19 May 2021	Animal Life	None
D8-B	19 May 2021	Floatables	None
D8-B	19 May 2021	Water Color	Green
D8-B	19 May 2021	Current Direction	N
D8-B	19 May 2021	Water Temp (C)	19.5
D8-B	19 May 2021	Wave Height Low (ft)	2
D8-B	19 May 2021	High Tide (ft)	4.12
D8-B	19 May 2021	High Tide Time	226
D8-B	19 May 2021	Low Tide (ft)	0.26

Station	Date	Parameter	Value
D8-B	19 May 2021	Low Tide Time	1021
D8-B	19 May 2021	Comments	Water clear; Kelp; Seagrass; Algae; Trash-1; 2 Surfers
D8-B	26 May 2021	Arrive Time	839
D8-B	26 May 2021	Weather	Overcast
D8-B	26 May 2021	Wind Speed (kts)	3.6
D8-B	26 May 2021	Wind Dir	NE
D8-B	26 May 2021	Animal Life	1 Pelican
D8-B	26 May 2021	Floatables	Foam
D8-B	26 May 2021	Water Color	Green
D8-B	26 May 2021	Current Direction	N
D8-B	26 May 2021	Water Temp (C)	18.8
D8-B	26 May 2021	Wave Height Low (ft)	3
D8-B	26 May 2021	High Tide (ft)	4.06
D8-B	26 May 2021	High Tide Time	1012
D8-B	26 May 2021	Low Tide (ft)	-1.52
D8-B	26 May 2021	Low Tide Time	359
D8-B	26 May 2021	Comments	Algae; Water turbid; 5 Persons; Trash - 1
D9	05 May 2021	Arrive Time	943
D9	05 May 2021	Weather	Overcast
D9	05 May 2021	Wind Speed (kts)	5.2
D9	05 May 2021	Wind Dir	W
D9	05 May 2021	Animal Life	None
D9	05 May 2021	Floatables	Film
D9	05 May 2021	Water Color	Green
D9	05 May 2021	Current Direction	S
D9	05 May 2021	Water Temp (C)	20.2
D9	05 May 2021	Wave Height Low (ft)	3
D9	05 May 2021	High Tide (ft)	4.2
D9	05 May 2021	High Tide Time	533
D9	05 May 2021	Low Tide (ft)	0
D9	05 May 2021	Low Tide Time	1227
D9	05 May 2021	Comments	Water clear; Kelp; Seagrass; Algae; Trash-1; 1 Surfer; 1 Person
D9	12 May 2021	Arrive Time	931
D9	12 May 2021	Weather	Overcast
D9	12 May 2021	Wind Speed (kts)	1.5
D9	12 May 2021	Wind Dir	NW
D9	12 May 2021	Animal Life	1 Seagull; 1 Crab
D9	12 May 2021	Floatables	None
D9	12 May 2021	Water Color	Green
D9	12 May 2021	Current Direction	S
D9	12 May 2021	Water Temp (C)	20
D9	12 May 2021	Wave Height Low (ft)	4
D9	12 May 2021	High Tide (ft)	3.56
D9	12 May 2021	High Tide Time	1038
D9	12 May 2021	Low Tide (ft)	-0.38
D9	12 May 2021	Low Tide Time	428
D9	12 May 2021	Comments	Water turbid; 3 Persons; 1 Surfer; Kelp; Trash-1
D9	19 May 2021	Arrive Time	930
D9	19 May 2021	Weather	Overcast
D9	19 May 2021	Wind Speed (kts)	5.2
D9	19 May 2021	Wind Dir	W
D9	19 May 2021	Animal Life	1 Dog; 2 Crabs
D9	19 May 2021	Floatables	None
D9	19 May 2021	Water Color	Green
D9	19 May 2021	Current Direction	N
D9	19 May 2021	Water Temp (C)	18.9

Station	Date	Parameter	Value
D9	19 May 2021	Wave Height Low (ft)	3
D9	19 May 2021	High Tide (ft)	4.12
D9	19 May 2021	High Tide Time	226
D9	19 May 2021	Low Tide (ft)	0.26
D9	19 May 2021	Low Tide Time	1021
D9	19 May 2021	Comments	Water clear; Kelp; Seagrass; Algae; Trash-1; 4 Persons
D9	26 May 2021	Arrive Time	850
D9	26 May 2021	Weather	Overcast
D9	26 May 2021	Wind Speed (kts)	4.4
D9	26 May 2021	Wind Dir	E
D9	26 May 2021	Animal Life	None
D9	26 May 2021	Floatables	Foam
D9	26 May 2021	Water Color	Green
D9	26 May 2021	Current Direction	N
D9	26 May 2021	Water Temp (C)	19.4
D9	26 May 2021	Wave Height Low (ft)	3
D9	26 May 2021	High Tide (ft)	4.06
D9	26 May 2021	High Tide Time	1012
D9	26 May 2021	Low Tide (ft)	-1.52
D9	26 May 2021	Low Tide Time	359
D9	26 May 2021	Comments	Algae; Water turbid; 5 Persons; Trash - 1
D10	05 May 2021	Arrive Time	956
D10	05 May 2021	Weather	Overcast
D10	05 May 2021	Wind Speed (kts)	1.7
D10	05 May 2021	Wind Dir	W
D10	05 May 2021	Animal Life	None
D10	05 May 2021	Floatables	Foam
D10	05 May 2021	Water Color	Brown
D10	05 May 2021	Current Direction	N
D10	05 May 2021	Water Temp (C)	20.2
D10	05 May 2021	Wave Height Low (ft)	3
D10	05 May 2021	High Tide (ft)	4.2
D10	05 May 2021	High Tide Time	533
D10	05 May 2021	Low Tide (ft)	0
D10	05 May 2021	Low Tide Time	1227
D10	05 May 2021	Comments	Water turbid; Kelp; Seagrass; Trash-1; 25 Surfers; 7 Persons; 1 Jogger
D10	12 May 2021	Arrive Time	948
D10	12 May 2021	Weather	Overcast
D10	12 May 2021	Wind Speed (kts)	2.9
D10	12 May 2021	Wind Dir	W
D10	12 May 2021	Animal Life	None
D10	12 May 2021	Floatables	None
D10	12 May 2021	Water Color	Green
D10	12 May 2021	Current Direction	S
D10	12 May 2021	Water Temp (C)	19.8
D10	12 May 2021	Wave Height Low (ft)	4
D10	12 May 2021	High Tide (ft)	3.56
D10	12 May 2021	High Tide Time	1038
D10	12 May 2021	Low Tide (ft)	-0.38
D10	12 May 2021	Low Tide Time	428
D10	12 May 2021	Comments	Water turbid; 30 Surfers; 4 Persons; Kelp; Algae; Seagrass; Trash-1
D10	19 May 2021	Arrive Time	949
D10	19 May 2021	Weather	Overcast
D10	19 May 2021	Wind Speed (kts)	5.8
D10	19 May 2021	Wind Dir	SW

Station	Date	Parameter	Value
D10	19 May 2021	Animal Life	300 Flies
D10	19 May 2021	Floatables	None
D10	19 May 2021	Water Color	Green
D10	19 May 2021	Current Direction	N
D10	19 May 2021	Water Temp (C)	19.5
D10	19 May 2021	Wave Height Low (ft)	3
D10	19 May 2021	High Tide (ft)	4.12
D10	19 May 2021	High Tide Time	226
D10	19 May 2021	Low Tide (ft)	0.26
D10	19 May 2021	Low Tide Time	1021
D10	19 May 2021	Comments	Water turbid; Kelp; Seagrass; Trash-1; 4 Persons; 1 Fisher-person; 3 Walkers; 15 Surfers
D10	26 May 2021	Arrive Time	902
D10	26 May 2021	Weather	Overcast
D10	26 May 2021	Wind Speed (kts)	6.9
D10	26 May 2021	Wind Dir	SE
D10	26 May 2021	Animal Life	None
D10	26 May 2021	Floatables	Foam
D10	26 May 2021	Water Color	Green
D10	26 May 2021	Current Direction	N
D10	26 May 2021	Water Temp (C)	19.8
D10	26 May 2021	Wave Height Low (ft)	3
D10	26 May 2021	High Tide (ft)	4.06
D10	26 May 2021	High Tide Time	1012
D10	26 May 2021	Low Tide (ft)	-1.52
D10	26 May 2021	Low Tide Time	359
D10	26 May 2021	Comments	Kelp; Seagrass; Algae; Water turbid; 12 Persons; 15 Surfers; Trash - 1
D11	05 May 2021	Arrive Time	1027
D11	05 May 2021	Weather	Partly Cloudy
D11	05 May 2021	Wind Speed (kts)	3.1
D11	05 May 2021	Wind Dir	W
D11	05 May 2021	Animal Life	None
D11	05 May 2021	Floatables	Foam
D11	05 May 2021	Water Color	Grey
D11	05 May 2021	Current Direction	S
D11	05 May 2021	Water Temp (C)	21.3
D11	05 May 2021	Wave Height Low (ft)	3
D11	05 May 2021	High Tide (ft)	4.2
D11	05 May 2021	High Tide Time	533
D11	05 May 2021	Low Tide (ft)	0
D11	05 May 2021	Low Tide Time	1227
D11	05 May 2021	Comments	Water clear; Kelp; Seagrass; Trash-1; 20 Surfers; 25 Persons
D11	12 May 2021	Arrive Time	1019
D11	12 May 2021	Weather	Overcast
D11	12 May 2021	Wind Speed (kts)	4.4
D11	12 May 2021	Wind Dir	W
D11	12 May 2021	Animal Life	3 Pigeons; 5 Flies
D11	12 May 2021	Floatables	None
D11	12 May 2021	Water Color	Green
D11	12 May 2021	Current Direction	S
D11	12 May 2021	Water Temp (C)	19.8
D11	12 May 2021	Wave Height Low (ft)	3
D11	12 May 2021	High Tide (ft)	3.56
D11	12 May 2021	High Tide Time	1038
D11	12 May 2021	Low Tide (ft)	-0.38
D11	12 May 2021	Low Tide Time	428

Station	Date	Parameter	Value
D11	12 May 2021	Comments	Water turbif; 16 Persons; 13 Surfers; Kelp; Seagrass; Algae; Trash-1
D11	19 May 2021	Arrive Time	1021
D11	19 May 2021	Weather	Overcast
D11	19 May 2021	Wind Speed (kts)	1.7
D11	19 May 2021	Wind Dir	SW
D11	19 May 2021	Animal Life	50 Flies
D11	19 May 2021	Floatables	Foam
D11	19 May 2021	Water Color	Green
D11	19 May 2021	Current Direction	N
D11	19 May 2021	Water Temp (C)	20.7
D11	19 May 2021	Wave Height Low (ft)	3
D11	19 May 2021	High Tide (ft)	4.12
D11	19 May 2021	High Tide Time	226
D11	19 May 2021	Low Tide (ft)	0.26
D11	19 May 2021	Low Tide Time	1021
D11	19 May 2021	Comments	Water turbid; Kelp; Seagrass; Algae; Trash-1; 3 Persons; 12 Surfers
D11	26 May 2021	Arrive Time	942
D11	26 May 2021	Weather	Partly Cloudy
D11	26 May 2021	Wind Speed (kts)	12.6
D11	26 May 2021	Wind Dir	SW
D11	26 May 2021	Animal Life	2 Dogs; 1 Seagull
D11	26 May 2021	Floatables	Foam
D11	26 May 2021	Water Color	Green
D11	26 May 2021	Current Direction	N
D11	26 May 2021	Water Temp (C)	21.1
D11	26 May 2021	Wave Height Low (ft)	2
D11	26 May 2021	High Tide (ft)	4.06
D11	26 May 2021	High Tide Time	1012
D11	26 May 2021	Low Tide (ft)	-1.52
D11	26 May 2021	Low Tide Time	359
D11	26 May 2021	Comments	Kelp; Seagrass; Water turbid; 8 Surfers; 3 Persons; Trash - 1
D12	05 May 2021	Arrive Time	1104
D12	05 May 2021	Weather	Partly Cloudy
D12	05 May 2021	Wind Speed (kts)	3.8
D12	05 May 2021	Wind Dir	NW
D12	05 May 2021	Animal Life	1 Seagull
D12	05 May 2021	Floatables	None
D12	05 May 2021	Water Color	Green
D12	05 May 2021	Current Direction	S
D12	05 May 2021	Water Temp (C)	19.8
D12	05 May 2021	Wave Height Low (ft)	2
D12	05 May 2021	High Tide (ft)	4.2
D12	05 May 2021	High Tide Time	533
D12	05 May 2021	Low Tide (ft)	0
D12	05 May 2021	Low Tide Time	1227
D12	05 May 2021	Comments	Water clear; Kelp; Seagrass; Trash-1; 2 Swimmers; 10 Persons; 2 Walkers; 2 Joggers
D12	12 May 2021	Arrive Time	1058
D12	12 May 2021	Weather	Overcast
D12	12 May 2021	Wind Speed (kts)	3.8
D12	12 May 2021	Wind Dir	W
D12	12 May 2021	Animal Life	5 Flies; 2 Godwits
D12	12 May 2021	Floatables	None
D12	12 May 2021	Water Color	Green
D12	12 May 2021	Current Direction	S

Station	Date	Parameter	Value
D12	12 May 2021	Water Temp (C)	20.6
D12	12 May 2021	Wave Height Low (ft)	3
D12	12 May 2021	High Tide (ft)	3.56
D12	12 May 2021	High Tide Time	1038
D12	12 May 2021	Low Tide (ft)	-0.38
D12	12 May 2021	Low Tide Time	428
D12	12 May 2021	Comments	Water turbid; 4 Swimmers; 2 Persons; 1 Surfer; 2 Walkers; Kelp; Algae; Seagrass; Trash-1
D12	19 May 2021	Arrive Time	1047
D12	19 May 2021	Weather	Overcast
D12	19 May 2021	Wind Speed (kts)	5.4
D12	19 May 2021	Wind Dir	SW
D12	19 May 2021	Animal Life	None
D12	19 May 2021	Floatables	None
D12	19 May 2021	Water Color	Green
D12	19 May 2021	Current Direction	N
D12	19 May 2021	Water Temp (C)	21.1
D12	19 May 2021	Wave Height Low (ft)	2
D12	19 May 2021	High Tide (ft)	4.12
D12	19 May 2021	High Tide Time	226
D12	19 May 2021	Low Tide (ft)	0.26
D12	19 May 2021	Low Tide Time	1021
D12	19 May 2021	Comments	Water turbid; Kelp; Seagrass; Trash-1; 6 Persons; 3 Walkers; 3 Surfers
D12	26 May 2021	Arrive Time	1007
D12	26 May 2021	Weather	Sunny
D12	26 May 2021	Wind Speed (kts)	9.1
D12	26 May 2021	Wind Dir	S
D12	26 May 2021	Animal Life	None
D12	26 May 2021	Floatables	Foam
D12	26 May 2021	Water Color	Green
D12	26 May 2021	Current Direction	N
D12	26 May 2021	Water Temp (C)	20.5
D12	26 May 2021	Wave Height Low (ft)	2
D12	26 May 2021	High Tide (ft)	4.06
D12	26 May 2021	High Tide Time	1012
D12	26 May 2021	Low Tide (ft)	-1.52
D12	26 May 2021	Low Tide Time	359
D12	26 May 2021	Comments	Kelp; Seagrass; Debris; Water turbid; 6 Perons; 2 Surfers; Trash - 1

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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 May 2021	34	30	26	4	2	7	5	4
02 May 2021	34	30	26	4	2	7	5	4
03 May 2021	19	18	16	5	3	5	6	3
04 May 2021	19	18	16	5	3	5	6	3
05 May 2021	19	18	16	5	3	5	6	3
06 May 2021	8	11	8	6	3	5	5	3
07 May 2021	8	11	8	6	3	5	5	3
08 May 2021	8	11	8	6	3	5	5	3
09 May 2021	8	11	8	6	3	5	5	3
10 May 2021	9	11	6	5	4	6	4	3
11 May 2021	9	11	6	5	4	6	4	3
12 May 2021	9	11	6	5	4	6	4	3
13 May 2021	11	10	7	5	4	6	5	4
14 May 2021	11	10	7	5	4	6	5	4
15 May 2021	11	10	7	6	5	5	5	4
16 May 2021	11	10	7	6	5	5	5	4
17 May 2021	11	10	7	6	5	5	5	4
18 May 2021	14	8	9	5	4	4	4	3
19 May 2021	14	8	9	5	4	4	4	3
20 May 2021	11	6	6	4	5	3	4	4
21 May 2021	11	6	6	4	5	3	4	4
22 May 2021	11	6	6	4	5	3	4	4
23 May 2021	11	6	6	4	5	3	4	4
24 May 2021	11	6	6	4	5	3	4	4
25 May 2021	11	6	6	4	5	3	4	4
26 May 2021	11	6	6	4	5	3	4	4
27 May 2021	12	9	8	6	6	5	7	6
28 May 2021	12	9	8	6	6	5	7	6
29 May 2021	12	9	8	6	6	5	7	6
30 May 2021	12	9	8	6	6	5	7	6
31 May 2021	12	9	8	6	6	5	7	6

* 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 May 2021	6	6	6	2	2	2	2	2
02 May 2021	6	6	6	2	2	2	2	2
03 May 2021	5	5	5	2	2	2	2	2
04 May 2021	5	5	5	2	2	2	2	2
05 May 2021	5	5	5	2	2	2	2	2
06 May 2021	3	3	3	2	2	2	2	2
07 May 2021	3	3	3	2	2	2	2	2
08 May 2021	3	3	3	2	2	2	2	2
09 May 2021	3	3	3	2	2	2	2	2
10 May 2021	3	3	3	2	2	2	2	2
11 May 2021	3	3	3	2	2	2	2	2
12 May 2021	3	3	3	2	2	2	2	2
13 May 2021	3	3	3	2	2	2	2	2
14 May 2021	3	3	3	2	2	2	2	2
15 May 2021	3	3	3	2	2	2	2	2
16 May 2021	3	3	3	2	2	2	2	2
17 May 2021	3	3	3	2	2	2	2	2
18 May 2021	3	3	3	2	2	2	2	2
19 May 2021	3	3	3	2	2	2	2	2
20 May 2021	3	2	3	2	2	2	2	2
21 May 2021	3	2	3	2	2	2	2	2
22 May 2021	3	2	3	2	2	2	2	2
23 May 2021	3	2	3	2	2	2	2	2
24 May 2021	3	2	3	2	2	2	2	2
25 May 2021	3	2	3	2	2	2	2	2
26 May 2021	3	2	3	2	2	2	2	2
27 May 2021	3	3	3	2	2	2	3	2
28 May 2021	3	3	3	2	2	2	3	2
29 May 2021	3	3	3	2	2	2	3	2
30 May 2021	3	3	3	2	2	2	3	2
31 May 2021	3	3	3	2	2	2	3	2

* 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 May 2021	3	3	3	2	2	2	2	2
02 May 2021	3	3	3	2	2	2	2	2
03 May 2021	3	3	3	2	2	2	2	2
04 May 2021	3	3	3	2	2	2	2	2
05 May 2021	3	3	3	2	2	2	2	2
06 May 2021	2	2	2	2	2	2	2	2
07 May 2021	2	2	2	2	2	2	2	2
08 May 2021	2	2	2	2	2	2	2	2
09 May 2021	2	2	2	2	2	2	2	2
10 May 2021	2	2	2	2	2	2	2	2
11 May 2021	2	2	2	2	2	2	2	2
12 May 2021	2	2	2	2	2	2	2	2
13 May 2021	2	2	2	2	2	2	2	2
14 May 2021	2	2	2	2	2	2	2	2
15 May 2021	2	2	2	2	2	2	2	2
16 May 2021	2	2	2	2	2	2	2	2
17 May 2021	2	2	2	2	2	2	2	2
18 May 2021	2	2	2	2	2	2	2	2
19 May 2021	2	2	2	2	2	2	2	2
20 May 2021	2	2	2	2	2	2	2	2
21 May 2021	2	2	2	2	2	2	2	2
22 May 2021	2	2	2	2	2	2	2	2
23 May 2021	2	2	2	2	2	2	2	2
24 May 2021	2	2	2	2	2	2	2	2
25 May 2021	2	2	2	2	2	2	2	2
26 May 2021	2	2	2	2	2	2	2	2
27 May 2021	2	3	2	2	2	2	3	2
28 May 2021	2	3	2	2	2	2	3	2
29 May 2021	2	3	2	2	2	2	3	2
30 May 2021	2	3	2	2	2	2	3	2
31 May 2021	2	3	2	2	2	2	3	2

* Geometric mean calculated using n<5

Table 3.4

Summary of compliance at the PLOO kelp stations with the Ocean Plan's Single Sample Maximum standard for 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
03 May 2021	IC							
10 May 2021	IC							
18 May 2021	IC							
27 May 2021	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
03 May 2021	IC							
10 May 2021	IC							
18 May 2021	IC							
27 May 2021	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
03 May 2021	IC							
10 May 2021	IC							
18 May 2021	IC							
27 May 2021	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
03 May 2021	IC							
10 May 2021	IC							
18 May 2021	IC							
27 May 2021	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* (Enter) 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	Enter	F:T	Temp	XMS	DO	Sal	pH
A1	03 May 2021	804	1	<2	<2	<2	1.00	16.9	77.58	8.3	33.68	8.2
A1	03 May 2021	804	12	<2	<2	<2	1.00	14.8	66.12	7.9	33.70	8.1
A1	03 May 2021	804	18	<2	<2	<2	1.00	14.2	71.39	7.4	33.69	8.1
A1	10 May 2021	828	1	<20	<2	4e	0.10	17.4	70.09	9.6	33.70	8.3
A1	10 May 2021	828	12	2e	<2	<2	1.00	14.9	76.55	8.5	33.70	8.2
A1	10 May 2021	828	18	4e	<2	<2	0.50	12.9	83.91	6.0	33.70	8.0
A1	18 May 2021	808	1	<2	<2	<2	1.00	17.6	77.29	9.5	33.72	8.3
A1	18 May 2021	808	12	30e	2e	<2	0.07	12.6	84.29	5.6	33.70	7.9
A1	18 May 2021	808	18	64	14e	<2	0.22	11.6	85.37	4.9	33.69	7.8
A1	27 May 2021	828	1	2e	<2	<2	1.00	15.8	80.60	7.8	33.71	8.1
A1	27 May 2021	828	12	20e	4e	2e	0.20	11.8	82.98	5.5	33.71	7.9
A1	27 May 2021	828	18	80e	4e	<2	0.05	11.6	84.31	5.2	33.72	7.8
A6	03 May 2021	830	1	<2	<2	<2	1.00	17.0	76.95	8.3	33.69	8.2
A6	03 May 2021	830	12	<2	<2	<2	1.00	16.5	77.39	8.0	33.69	8.2
A6	03 May 2021	830	18	<2	<2	<2	1.00	13.4	80.31	6.3	33.69	8.0
A6	10 May 2021	851	1	<20	<2	<2	0.10	17.9	76.32	9.0	33.71	8.2
A6	10 May 2021	851	12	<2	<2	<2	1.00	13.6	80.30	6.6	33.70	8.1
A6	10 May 2021	851	18	8e	<2	<2	0.25	12.9	84.21	5.9	33.70	8.0
A6	18 May 2021	836	1	<2	<2	<2	1.00	17.2	77.64	8.5	33.72	8.2
A6	18 May 2021	836	12	<2	<2	<2	1.00	15.8	75.72	7.6	33.68	8.1
A6	18 May 2021	836	18	8e	<2	<2	0.25	13.8	81.20	6.0	33.65	7.9
A6	27 May 2021	905	1	<2	<2	<2	1.00	16.9	80.41	8.3	33.71	8.2
A6	27 May 2021	905	12	120	26e	6e	0.22	11.1	85.31	4.8	33.70	7.8
A6	27 May 2021	905	18	80e	24e	20e	0.30	11.1	85.36	4.8	33.74	7.8
A7	03 May 2021	816	1	<2	<2	<2	1.00	16.7	74.80	8.4	33.68	8.2
A7	03 May 2021	816	12	<2	<2	<2	1.00	16.1	75.01	8.1	33.71	8.2
A7	03 May 2021	816	18	<2	<2	<2	1.00	13.1	78.54	6.1	33.71	8.0
A7	10 May 2021	840	1	2e	<2	<2	1.00	17.6	76.10	8.8	33.71	8.2
A7	10 May 2021	840	12	2e	<2	<2	1.00	14.6	76.71	7.7	33.70	8.2
A7	10 May 2021	840	18	<2	<2	<2	1.00	12.8	84.38	5.9	33.70	8.0
A7	18 May 2021	824	1	<2	<2	<2	1.00	17.7	76.76	9.5	33.72	8.3
A7	18 May 2021	824	12	2e	<2	<2	1.00	15.3	82.83	6.7	33.68	8.1
A7	18 May 2021	824	18	80e	18e	4e	0.22	11.9	84.80	4.8	33.70	7.8
A7	27 May 2021	851	1	<2	<2	<2	1.00	16.4	80.26	8.1	33.69	8.1
A7	27 May 2021	851	12	54	6e	2e	0.11	11.1	83.89	4.7	33.71	7.8
A7	27 May 2021	851	18	44	2e	<2	0.05	11.0	84.21	4.6	33.72	7.8
C4	03 May 2021	948	1	<20	2e	<2	0.10	16.6	53.28	7.0	33.71	8.1
C4	03 May 2021	948	3	<20	6e	<2	0.30	16.5	56.29	7.0	33.72	8.1
C4	03 May 2021	948	9	<20	2e	<2	0.10	15.3	69.66	6.4	33.71	8.1

Station	Date	Time	Depth	Total	Fecal	Enter	F:T	Temp	XMS	DO	Sal	pH
C4	10 May 2021	954	1	2e	<2	<2	1.00	17.6	72.02	8.8	33.71	8.3
C4	10 May 2021	954	3	<2	<2	<2	1.00	17.6	72.10	8.8	33.70	8.3
C4	10 May 2021	954	9	<2	<2	<2	1.00	16.8	76.60	8.2	33.68	8.2
C4	18 May 2021	935	1	<2	<2	<2	1.00	17.3	77.99	7.8	33.73	8.2
C4	18 May 2021	935	3	<2	<2	<2	1.00	17.3	77.92	7.7	33.73	8.2
C4	18 May 2021	935	9	4e	<2	<2	0.50	12.2	80.21	3.9	33.72	7.8
C4	27 May 2021	1010	1	<20	<2	<2	0.10	15.9	67.25	7.6	33.75	8.1
C4	27 May 2021	1010	3	<20	<2	<2	0.10	15.5	68.13	7.2	33.76	8.1
C4	27 May 2021	1010	9	<2	<2	<2	1.00	12.9	74.34	5.3	33.71	7.9
C5	03 May 2021	937	1	<2	<2	<2	1.00	16.9	76.97	7.9	33.69	8.2
C5	03 May 2021	937	3	<2	<2	<2	1.00	16.8	67.97	7.6	33.71	8.2
C5	03 May 2021	937	9	<20	<2	<2	0.10	13.7	46.75	5.5	33.81	8.0
C5	10 May 2021	942	1	<20	<2	<2	0.10	18.0	73.07	8.1	33.72	8.2
C5	10 May 2021	942	3	<20	<2	<2	0.10	18.0	72.61	8.1	33.72	8.2
C5	10 May 2021	942	9	<20	<2	<2	0.10	15.6	70.48	5.5	33.69	8.0
C5	18 May 2021	924	1	<2	<2	<2	1.00	17.3	78.65	8.4	33.72	8.2
C5	18 May 2021	924	3	<2	<2	<2	1.00	17.3	79.70	8.3	33.73	8.2
C5	18 May 2021	924	9	2e	<2	<2	1.00	14.3	77.62	5.4	33.66	7.9
C5	27 May 2021	1001	1	<2	<2	<2	1.00	16.4	78.07	7.8	33.69	8.1
C5	27 May 2021	1001	3	<2	<2	<2	1.00	16.3	79.39	7.7	33.72	8.1
C5	27 May 2021	1001	9	6e	2e	<2	0.33	12.8	77.84	5.7	33.72	7.9
C6	03 May 2021	929	1	<2	<2	<2	1.00	16.9	76.26	8.4	33.70	8.2
C6	03 May 2021	929	3	2e	<2	<2	1.00	16.8	75.69	8.0	33.70	8.2
C6	03 May 2021	929	9	<2	<2	<2	1.00	14.3	55.27	5.9	33.69	8.0
C6	10 May 2021	933	1	<20	<2	<2	0.10	18.1	75.81	8.5	33.72	8.2
C6	10 May 2021	933	3	<20	<2	<2	0.10	17.4	76.09	7.7	33.78	8.2
C6	10 May 2021	933	9	<2	<2	<2	1.00	15.1	81.92	6.3	33.68	8.0
C6	18 May 2021	915	1	<2	<2	<2	1.00	17.5	78.05	8.0	33.72	8.2
C6	18 May 2021	915	3	2e	<2	<2	1.00	17.5	77.93	7.8	33.73	8.2
C6	18 May 2021	915	9	<2	<2	<2	1.00	14.1	76.80	5.5	33.66	7.9
C6	27 May 2021	946	1	<20	<2	<2	0.10	16.5	75.50	7.4	33.72	8.1
C6	27 May 2021	946	3	<20	<2	<2	0.10	16.1	75.04	7.0	33.77	8.1
C6	27 May 2021	946	9	4e	<2	<2	0.50	12.8	77.54	6.0	33.71	7.9
C7	03 May 2021	847	1	<2	<2	<2	1.00	17.1	75.55	8.5	33.68	8.2
C7	03 May 2021	847	12	<2	<2	<2	1.00	16.8	75.02	7.9	33.71	8.2
C7	03 May 2021	847	18	<20	<2	<2	0.10	12.3	79.72	5.4	33.63	7.9
C7	10 May 2021	906	1	<2	<2	<2	1.00	18.0	77.86	9.0	33.70	8.2
C7	10 May 2021	906	12	2e	<2	<2	1.00	14.6	77.21	8.2	33.70	8.2
C7	10 May 2021	906	18	2e	<2	<2	1.00	13.6	84.19	6.8	33.68	8.0
C7	18 May 2021	849	1	<2	<2	<2	1.00	17.7	76.03	9.1	33.73	8.3
C7	18 May 2021	849	12	2e	<2	<2	1.00	17.4	73.44	8.8	33.74	8.3
C7	18 May 2021	849	18	<2	<2	<2	1.00	13.4	84.84	6.4	33.65	8.0
C7	27 May 2021	918	1	<2	<2	<2	1.00	17.1	77.94	8.4	33.72	8.2
C7	27 May 2021	918	12	100	18e	2e	0.18	11.6	84.87	5.1	33.73	7.8
C7	27 May 2021	918	18	180e	12e	12e	0.07	11.1	85.53	4.9	33.73	7.8
C8	03 May 2021	908	1	<2	<2	<2	1.00	17.2	76.55	8.3	33.67	8.2

Station	Date	Time	Depth	Total	Fecal	Enter	F:T	Temp	XMS	DO	Sal	pH
C8	03 May 2021	908	12	<2	<2	<2	1.00	15.6	74.25	8.2	33.70	8.2
C8	03 May 2021	908	18	<2	<2	2e	1.00	11.9	76.53	5.4	33.69	7.9
C8	10 May 2021	915	1	<2	<2	<2	1.00	18.0	75.14	9.1	33.71	8.2
C8	10 May 2021	915	12	<2	<2	<2	1.00	14.0	81.25	7.6	33.68	8.1
C8	10 May 2021	915	18	<20	<2	<2	0.10	13.5	82.98	6.8	33.69	8.0
C8	18 May 2021	900	1	<2	<2	<2	1.00	17.8	74.99	9.1	33.73	8.3
C8	18 May 2021	900	12	<2	2e	<2	1.00	15.3	78.28	7.1	33.73	8.1
C8	18 May 2021	900	18	<2	<2	<2	1.00	13.3	84.10	6.4	33.65	8.0
C8	27 May 2021	928	1	<2	<2	<2	1.00	17.4	77.58	8.3	33.72	8.2
C8	27 May 2021	928	12	24e	<2	2e	0.08	11.9	84.00	5.2	33.75	7.9
C8	27 May 2021	928	18	120	6e	10e	0.05	11.2	84.92	4.8	33.74	7.8

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	03 May 2021	Depth (m)	17.9
A1	03 May 2021	Arrive Time	804
A1	03 May 2021	Depart Time	810
A1	03 May 2021	Air Temp (C)	15.3
A1	03 May 2021	Weather	Overcast
A1	03 May 2021	Visibility (mi)	5
A1	03 May 2021	Wind Speed (kts)	2.1
A1	03 May 2021	Wind Dir	SW
A1	03 May 2021	Water Color	Greenish-Blue
A1	03 May 2021	Wave Ht Low (ft)	6
A1	03 May 2021	Wave Period (sec)	15
A1	03 May 2021	Sea State	Light Chop
A1	03 May 2021	High Tide (ft)	4.46216
A1	03 May 2021	High Tide Time	218
A1	03 May 2021	Low Tide (ft)	-0.29529
A1	03 May 2021	Low Tide Time	1012
A1	03 May 2021	Comments	Kelp
A1	10 May 2021	Depth (m)	16.4
A1	10 May 2021	Arrive Time	828
A1	10 May 2021	Depart Time	839
A1	10 May 2021	Air Temp (C)	15.7
A1	10 May 2021	Weather	Overcast
A1	10 May 2021	Visibility (mi)	10
A1	10 May 2021	Wind Speed (kts)	7.8
A1	10 May 2021	Wind Dir	S
A1	10 May 2021	Water Color	Green
A1	10 May 2021	Wave Ht Low (ft)	3
A1	10 May 2021	Wave Period (sec)	9
A1	10 May 2021	Sea State	Confused Swell
A1	10 May 2021	High Tide (ft)	5.41365
A1	10 May 2021	High Tide Time	2100
A1	10 May 2021	Low Tide (ft)	-0.13124
A1	10 May 2021	Low Tide Time	318
A1	10 May 2021	Comments	none
A1	18 May 2021	Depth (m)	18.5
A1	18 May 2021	Arrive Time	808
A1	18 May 2021	Depart Time	813
A1	18 May 2021	Air Temp (C)	15.7
A1	18 May 2021	Weather	Overcast
A1	18 May 2021	Visibility (mi)	10
A1	18 May 2021	Wind Speed (kts)	2.5
A1	18 May 2021	Wind Dir	SW
A1	18 May 2021	Water Color	Blueish-Green
A1	18 May 2021	Wave Ht Low (ft)	4
A1	18 May 2021	Wave Period (sec)	14
A1	18 May 2021	Sea State	Light Chop
A1	18 May 2021	High Tide (ft)	4.36373
A1	18 May 2021	High Tide Time	100
A1	18 May 2021	Low Tide (ft)	0.22967
A1	18 May 2021	Low Tide Time	906
A1	18 May 2021	Comments	Kelp
A1	27 May 2021	Depth (m)	17.7
A1	27 May 2021	Arrive Time	828

Station	Date	Parameter	Value
A1	27 May 2021	Depart Time	838
A1	27 May 2021	Air Temp (C)	14.9
A1	27 May 2021	Weather	Overcast
A1	27 May 2021	Visibility (mi)	8
A1	27 May 2021	Wind Speed (kts)	3.9
A1	27 May 2021	Wind Dir	S
A1	27 May 2021	Water Color	Green
A1	27 May 2021	Wave Ht Low (ft)	5
A1	27 May 2021	Wave Period (sec)	13
A1	27 May 2021	Sea State	Light Chop
A1	27 May 2021	High Tide (ft)	6.62762
A1	27 May 2021	High Tide Time	2206
A1	27 May 2021	Low Tide (ft)	-1.70612
A1	27 May 2021	Low Tide Time	436
A1	27 May 2021	Comments	No 1m bin due to too much swell; Kelp; Kelp Debris
A6	03 May 2021	Depth (m)	18
A6	03 May 2021	Arrive Time	830
A6	03 May 2021	Depart Time	833
A6	03 May 2021	Air Temp (C)	15.5
A6	03 May 2021	Weather	Overcast
A6	03 May 2021	Visibility (mi)	5
A6	03 May 2021	Wind Speed (kts)	1.7
A6	03 May 2021	Wind Dir	E
A6	03 May 2021	Water Color	Greenish-Blue
A6	03 May 2021	Wave Ht Low (ft)	6
A6	03 May 2021	Wave Period (sec)	15
A6	03 May 2021	Sea State	Confused Swell
A6	03 May 2021	High Tide (ft)	4.46216
A6	03 May 2021	High Tide Time	218
A6	03 May 2021	Low Tide (ft)	-0.29529
A6	03 May 2021	Low Tide Time	1012
A6	03 May 2021	Comments	Kelp
A6	10 May 2021	Depth (m)	20.5
A6	10 May 2021	Arrive Time	851
A6	10 May 2021	Depart Time	858
A6	10 May 2021	Air Temp (C)	15.7
A6	10 May 2021	Weather	Overcast
A6	10 May 2021	Visibility (mi)	10
A6	10 May 2021	Wind Speed (kts)	0
A6	10 May 2021	Wind Dir	SW
A6	10 May 2021	Water Color	Green
A6	10 May 2021	Wave Ht Low (ft)	3
A6	10 May 2021	Wave Period (sec)	9
A6	10 May 2021	Sea State	Confused Swell
A6	10 May 2021	High Tide (ft)	5.41365
A6	10 May 2021	High Tide Time	2100
A6	10 May 2021	Low Tide (ft)	-0.13124
A6	10 May 2021	Low Tide Time	318
A6	10 May 2021	Comments	Kelp; Kelp debris
A6	18 May 2021	Depth (m)	17.3
A6	18 May 2021	Arrive Time	836
A6	18 May 2021	Depart Time	841
A6	18 May 2021	Air Temp (C)	15.5
A6	18 May 2021	Weather	Overcast
A6	18 May 2021	Visibility (mi)	10
A6	18 May 2021	Wind Speed (kts)	4.8
A6	18 May 2021	Wind Dir	SW
A6	18 May 2021	Water Color	Green

Station	Date	Parameter	Value
A6	18 May 2021	Wave Ht Low (ft)	4
A6	18 May 2021	Wave Period (sec)	14
A6	18 May 2021	Sea State	Light Chop
A6	18 May 2021	High Tide (ft)	4.36373
A6	18 May 2021	High Tide Time	100
A6	18 May 2021	Low Tide (ft)	0.22967
A6	18 May 2021	Low Tide Time	906
A6	18 May 2021	Comments	Unable to get 18m depth bin due to low tide; deepest depth 17.6m.; Kelp; Kelp Debris
A6	27 May 2021	Depth (m)	17
A6	27 May 2021	Arrive Time	905
A6	27 May 2021	Depart Time	909
A6	27 May 2021	Air Temp (C)	15
A6	27 May 2021	Weather	Overcast
A6	27 May 2021	Visibility (mi)	8
A6	27 May 2021	Wind Speed (kts)	4.3
A6	27 May 2021	Wind Dir	S
A6	27 May 2021	Water Color	Green
A6	27 May 2021	Wave Ht Low (ft)	5
A6	27 May 2021	Wave Period (sec)	13
A6	27 May 2021	Sea State	Light Chop
A6	27 May 2021	High Tide (ft)	6.62762
A6	27 May 2021	High Tide Time	2206
A6	27 May 2021	Low Tide (ft)	-1.70612
A6	27 May 2021	Low Tide Time	436
A6	27 May 2021	Comments	Kelp; Kelp Debris
A7	03 May 2021	Depth (m)	18.2
A7	03 May 2021	Arrive Time	816
A7	03 May 2021	Depart Time	821
A7	03 May 2021	Air Temp (C)	15.4
A7	03 May 2021	Weather	Overcast
A7	03 May 2021	Visibility (mi)	5
A7	03 May 2021	Wind Speed (kts)	2.5
A7	03 May 2021	Wind Dir	W
A7	03 May 2021	Water Color	Greenish-Blue
A7	03 May 2021	Wave Ht Low (ft)	6
A7	03 May 2021	Wave Period (sec)	15
A7	03 May 2021	Sea State	Light Chop
A7	03 May 2021	High Tide (ft)	4.46216
A7	03 May 2021	High Tide Time	218
A7	03 May 2021	Low Tide (ft)	-0.29529
A7	03 May 2021	Low Tide Time	1012
A7	03 May 2021	Comments	Kelp
A7	10 May 2021	Depth (m)	17
A7	10 May 2021	Arrive Time	840
A7	10 May 2021	Depart Time	844
A7	10 May 2021	Air Temp (C)	15.6
A7	10 May 2021	Weather	Overcast
A7	10 May 2021	Visibility (mi)	10
A7	10 May 2021	Wind Speed (kts)	5.9
A7	10 May 2021	Wind Dir	E
A7	10 May 2021	Water Color	Green
A7	10 May 2021	Wave Ht Low (ft)	3
A7	10 May 2021	Wave Period (sec)	9
A7	10 May 2021	Sea State	Confused Swell
A7	10 May 2021	High Tide (ft)	5.41365
A7	10 May 2021	High Tide Time	2100
A7	10 May 2021	Low Tide (ft)	-0.13124

Station	Date	Parameter	Value
A7	10 May 2021	Low Tide Time	318
A7	10 May 2021	Comments	none
A7	18 May 2021	Depth (m)	18.5
A7	18 May 2021	Arrive Time	824
A7	18 May 2021	Depart Time	828
A7	18 May 2021	Air Temp (C)	15.7
A7	18 May 2021	Weather	Overcast
A7	18 May 2021	Visibility (mi)	10
A7	18 May 2021	Wind Speed (kts)	1.7
A7	18 May 2021	Wind Dir	NW
A7	18 May 2021	Water Color	Green
A7	18 May 2021	Wave Ht Low (ft)	4
A7	18 May 2021	Wave Period (sec)	14
A7	18 May 2021	Sea State	Light Chop
A7	18 May 2021	High Tide (ft)	4.36373
A7	18 May 2021	High Tide Time	100
A7	18 May 2021	Low Tide (ft)	0.22967
A7	18 May 2021	Low Tide Time	906
A7	18 May 2021	Comments	Kelp
A7	27 May 2021	Depth (m)	20.6
A7	27 May 2021	Arrive Time	851
A7	27 May 2021	Depart Time	856
A7	27 May 2021	Air Temp (C)	15.1
A7	27 May 2021	Weather	Overcast
A7	27 May 2021	Visibility (mi)	8
A7	27 May 2021	Wind Speed (kts)	3.5
A7	27 May 2021	Wind Dir	SE
A7	27 May 2021	Water Color	Green
A7	27 May 2021	Wave Ht Low (ft)	5
A7	27 May 2021	Wave Period (sec)	13
A7	27 May 2021	Sea State	Light Chop
A7	27 May 2021	High Tide (ft)	6.62762
A7	27 May 2021	High Tide Time	2206
A7	27 May 2021	Low Tide (ft)	-1.70612
A7	27 May 2021	Low Tide Time	436
A7	27 May 2021	Comments	Re-cast due to salinity spikes; Kelp
C4	03 May 2021	Depth (m)	9.7
C4	03 May 2021	Arrive Time	948
C4	03 May 2021	Depart Time	952
C4	03 May 2021	Air Temp (C)	16.2
C4	03 May 2021	Weather	Partly Cloudy
C4	03 May 2021	Visibility (mi)	11
C4	03 May 2021	Wind Speed (kts)	5
C4	03 May 2021	Wind Dir	W
C4	03 May 2021	Water Color	Green
C4	03 May 2021	Wave Ht Low (ft)	6
C4	03 May 2021	Wave Period (sec)	9
C4	03 May 2021	Sea State	Light Chop
C4	03 May 2021	High Tide (ft)	4.46216
C4	03 May 2021	High Tide Time	218
C4	03 May 2021	Low Tide (ft)	-0.29529
C4	03 May 2021	Low Tide Time	1012
C4	03 May 2021	Comments	Kelp
C4	10 May 2021	Depth (m)	10.8
C4	10 May 2021	Arrive Time	954
C4	10 May 2021	Depart Time	959
C4	10 May 2021	Air Temp (C)	15.4

Station	Date	Parameter	Value
C4	10 May 2021	Weather	Overcast
C4	10 May 2021	Visibility (mi)	10
C4	10 May 2021	Wind Speed (kts)	7.6
C4	10 May 2021	Wind Dir	SW
C4	10 May 2021	Water Color	Green
C4	10 May 2021	Wave Ht Low (ft)	3
C4	10 May 2021	Wave Period (sec)	9
C4	10 May 2021	Sea State	Confused Swell
C4	10 May 2021	High Tide (ft)	5.41365
C4	10 May 2021	High Tide Time	2100
C4	10 May 2021	Low Tide (ft)	-0.13124
C4	10 May 2021	Low Tide Time	318
C4	10 May 2021	Comments	none
C4	18 May 2021	Depth (m)	10.3
C4	18 May 2021	Arrive Time	935
C4	18 May 2021	Depart Time	938
C4	18 May 2021	Air Temp (C)	15.8
C4	18 May 2021	Weather	Overcast
C4	18 May 2021	Visibility (mi)	12
C4	18 May 2021	Wind Speed (kts)	4.5
C4	18 May 2021	Wind Dir	W
C4	18 May 2021	Water Color	Green
C4	18 May 2021	Wave Ht Low (ft)	4
C4	18 May 2021	Wave Period (sec)	14
C4	18 May 2021	Sea State	Calm
C4	18 May 2021	High Tide (ft)	4.36373
C4	18 May 2021	High Tide Time	100
C4	18 May 2021	Low Tide (ft)	0.22967
C4	18 May 2021	Low Tide Time	906
C4	18 May 2021	Comments	Kelp; Kelp Debris
C4	27 May 2021	Depth (m)	11.5
C4	27 May 2021	Arrive Time	1010
C4	27 May 2021	Depart Time	1014
C4	27 May 2021	Air Temp (C)	14.8
C4	27 May 2021	Weather	Overcast
C4	27 May 2021	Visibility (mi)	8
C4	27 May 2021	Wind Speed (kts)	6.6
C4	27 May 2021	Wind Dir	SW
C4	27 May 2021	Water Color	Green
C4	27 May 2021	Wave Ht Low (ft)	5
C4	27 May 2021	Wave Period (sec)	13
C4	27 May 2021	Sea State	Light Chop
C4	27 May 2021	High Tide (ft)	6.62762
C4	27 May 2021	High Tide Time	2206
C4	27 May 2021	Low Tide (ft)	-1.70612
C4	27 May 2021	Low Tide Time	436
C4	27 May 2021	Comments	Kelp Debris
C5	03 May 2021	Depth (m)	10.6
C5	03 May 2021	Arrive Time	937
C5	03 May 2021	Depart Time	942
C5	03 May 2021	Air Temp (C)	15.7
C5	03 May 2021	Weather	Overcast
C5	03 May 2021	Visibility (mi)	7
C5	03 May 2021	Wind Speed (kts)	0
C5	03 May 2021	Wind Dir	S
C5	03 May 2021	Water Color	Blueish-Green
C5	03 May 2021	Wave Ht Low (ft)	6
C5	03 May 2021	Wave Period (sec)	9

Station	Date	Parameter	Value
C5	03 May 2021	Sea State	Light Chop
C5	03 May 2021	High Tide (ft)	4.46216
C5	03 May 2021	High Tide Time	218
C5	03 May 2021	Low Tide (ft)	-0.29529
C5	03 May 2021	Low Tide Time	1012
C5	03 May 2021	Comments	Kelp
C5	10 May 2021	Depth (m)	10.3
C5	10 May 2021	Arrive Time	942
C5	10 May 2021	Depart Time	948
C5	10 May 2021	Air Temp (C)	15.4
C5	10 May 2021	Weather	Overcast
C5	10 May 2021	Visibility (mi)	10
C5	10 May 2021	Wind Speed (kts)	5.3
C5	10 May 2021	Wind Dir	SW
C5	10 May 2021	Water Color	Blueish-Green
C5	10 May 2021	Wave Ht Low (ft)	3
C5	10 May 2021	Wave Period (sec)	9
C5	10 May 2021	Sea State	Confused Swell
C5	10 May 2021	High Tide (ft)	5.41365
C5	10 May 2021	High Tide Time	2100
C5	10 May 2021	Low Tide (ft)	-0.13124
C5	10 May 2021	Low Tide Time	318
C5	10 May 2021	Comments	Kelp; Kelp debris
C5	18 May 2021	Depth (m)	10.5
C5	18 May 2021	Arrive Time	924
C5	18 May 2021	Depart Time	929
C5	18 May 2021	Air Temp (C)	15.7
C5	18 May 2021	Weather	Overcast
C5	18 May 2021	Visibility (mi)	12
C5	18 May 2021	Wind Speed (kts)	1.6
C5	18 May 2021	Wind Dir	S
C5	18 May 2021	Water Color	Green
C5	18 May 2021	Wave Ht Low (ft)	4
C5	18 May 2021	Wave Period (sec)	14
C5	18 May 2021	Sea State	Light Chop
C5	18 May 2021	High Tide (ft)	4.36373
C5	18 May 2021	High Tide Time	100
C5	18 May 2021	Low Tide (ft)	0.22967
C5	18 May 2021	Low Tide Time	906
C5	18 May 2021	Comments	Kelp; Kelp Debris
C5	27 May 2021	Depth (m)	10.5
C5	27 May 2021	Arrive Time	1001
C5	27 May 2021	Depart Time	1009
C5	27 May 2021	Air Temp (C)	15
C5	27 May 2021	Weather	Overcast
C5	27 May 2021	Visibility (mi)	8
C5	27 May 2021	Wind Speed (kts)	7.4
C5	27 May 2021	Wind Dir	S
C5	27 May 2021	Water Color	Green
C5	27 May 2021	Wave Ht Low (ft)	5
C5	27 May 2021	Wave Period (sec)	13
C5	27 May 2021	Sea State	Light Chop
C5	27 May 2021	High Tide (ft)	6.62762
C5	27 May 2021	High Tide Time	2206
C5	27 May 2021	Low Tide (ft)	-1.70612
C5	27 May 2021	Low Tide Time	436
C5	27 May 2021	Comments	Kelp; Kelp Debris

Station	Date	Parameter	Value
C6	03 May 2021	Depth (m)	8.1
C6	03 May 2021	Arrive Time	929
C6	03 May 2021	Depart Time	935
C6	03 May 2021	Air Temp (C)	16
C6	03 May 2021	Weather	Overcast
C6	03 May 2021	Visibility (mi)	7
C6	03 May 2021	Wind Speed (kts)	3.1
C6	03 May 2021	Wind Dir	W
C6	03 May 2021	Water Color	Blueish-Green
C6	03 May 2021	Wave Ht Low (ft)	6
C6	03 May 2021	Wave Period (sec)	9
C6	03 May 2021	Sea State	Light Chop
C6	03 May 2021	High Tide (ft)	4.46216
C6	03 May 2021	High Tide Time	218
C6	03 May 2021	Low Tide (ft)	-0.29529
C6	03 May 2021	Low Tide Time	1012
C6	03 May 2021	Comments	Kelp
C6	10 May 2021	Depth (m)	9.8
C6	10 May 2021	Arrive Time	933
C6	10 May 2021	Depart Time	937
C6	10 May 2021	Air Temp (C)	15.5
C6	10 May 2021	Weather	Overcast
C6	10 May 2021	Visibility (mi)	10
C6	10 May 2021	Wind Speed (kts)	5.1
C6	10 May 2021	Wind Dir	S
C6	10 May 2021	Water Color	Blueish-Green
C6	10 May 2021	Wave Ht Low (ft)	3
C6	10 May 2021	Wave Period (sec)	9
C6	10 May 2021	Sea State	Confused Swell
C6	10 May 2021	High Tide (ft)	5.41365
C6	10 May 2021	High Tide Time	2100
C6	10 May 2021	Low Tide (ft)	-0.13124
C6	10 May 2021	Low Tide Time	318
C6	10 May 2021	Comments	Kelp; Kelp debris
C6	18 May 2021	Depth (m)	7.9
C6	18 May 2021	Arrive Time	915
C6	18 May 2021	Depart Time	918
C6	18 May 2021	Air Temp (C)	15.7
C6	18 May 2021	Weather	Overcast
C6	18 May 2021	Visibility (mi)	12
C6	18 May 2021	Wind Speed (kts)	5.8
C6	18 May 2021	Wind Dir	S
C6	18 May 2021	Water Color	Green
C6	18 May 2021	Wave Ht Low (ft)	4
C6	18 May 2021	Wave Period (sec)	14
C6	18 May 2021	Sea State	Light Chop
C6	18 May 2021	High Tide (ft)	4.36373
C6	18 May 2021	High Tide Time	100
C6	18 May 2021	Low Tide (ft)	0.22967
C6	18 May 2021	Low Tide Time	906
C6	18 May 2021	Comments	Kelp; Kelp Debris
C6	27 May 2021	Depth (m)	9.7
C6	27 May 2021	Arrive Time	946
C6	27 May 2021	Depart Time	953
C6	27 May 2021	Air Temp (C)	15.1
C6	27 May 2021	Weather	Overcast
C6	27 May 2021	Visibility (mi)	8
C6	27 May 2021	Wind Speed (kts)	4.8

Station	Date	Parameter	Value
C6	27 May 2021	Wind Dir	S
C6	27 May 2021	Water Color	Green
C6	27 May 2021	Wave Ht Low (ft)	5
C6	27 May 2021	Wave Period (sec)	13
C6	27 May 2021	Sea State	Light Chop
C6	27 May 2021	High Tide (ft)	6.62762
C6	27 May 2021	High Tide Time	2206
C6	27 May 2021	Low Tide (ft)	-1.70612
C6	27 May 2021	Low Tide Time	436
C6	27 May 2021	Comments	No 1m bin due to too much swell.; Kelp; Kelp Debris
C7	03 May 2021	Depth (m)	17.9
C7	03 May 2021	Arrive Time	847
C7	03 May 2021	Depart Time	858
C7	03 May 2021	Air Temp (C)	15.7
C7	03 May 2021	Weather	Overcast
C7	03 May 2021	Visibility (mi)	5
C7	03 May 2021	Wind Speed (kts)	2.2
C7	03 May 2021	Wind Dir	NW
C7	03 May 2021	Water Color	Greenish-Blue
C7	03 May 2021	Wave Ht Low (ft)	6
C7	03 May 2021	Wave Period (sec)	15
C7	03 May 2021	Sea State	Confused Swell
C7	03 May 2021	High Tide (ft)	4.46216
C7	03 May 2021	High Tide Time	218
C7	03 May 2021	Low Tide (ft)	-0.29529
C7	03 May 2021	Low Tide Time	1012
C7	03 May 2021	Comments	2nd cast required to get depth.; Kelp
C7	10 May 2021	Depth (m)	17.9
C7	10 May 2021	Arrive Time	906
C7	10 May 2021	Depart Time	910
C7	10 May 2021	Air Temp (C)	15.6
C7	10 May 2021	Weather	Overcast
C7	10 May 2021	Visibility (mi)	10
C7	10 May 2021	Wind Speed (kts)	4.5
C7	10 May 2021	Wind Dir	S
C7	10 May 2021	Water Color	Green
C7	10 May 2021	Wave Ht Low (ft)	3
C7	10 May 2021	Wave Period (sec)	9
C7	10 May 2021	Sea State	Confused Swell
C7	10 May 2021	High Tide (ft)	5.41365
C7	10 May 2021	High Tide Time	2100
C7	10 May 2021	Low Tide (ft)	-0.13124
C7	10 May 2021	Low Tide Time	318
C7	10 May 2021	Comments	Kelp; Kelp debris
C7	18 May 2021	Depth (m)	17.8
C7	18 May 2021	Arrive Time	849
C7	18 May 2021	Depart Time	852
C7	18 May 2021	Air Temp (C)	15.7
C7	18 May 2021	Weather	Overcast
C7	18 May 2021	Visibility (mi)	12
C7	18 May 2021	Wind Speed (kts)	4.3
C7	18 May 2021	Wind Dir	SW
C7	18 May 2021	Water Color	Green
C7	18 May 2021	Wave Ht Low (ft)	4
C7	18 May 2021	Wave Period (sec)	14
C7	18 May 2021	Sea State	Light Chop
C7	18 May 2021	High Tide (ft)	4.36373
C7	18 May 2021	High Tide Time	100

Station	Date	Parameter	Value
C7	18 May 2021	Low Tide (ft)	0.22967
C7	18 May 2021	Low Tide Time	906
C7	18 May 2021	Comments	Kelp
C7	27 May 2021	Depth (m)	18.3
C7	27 May 2021	Arrive Time	918
C7	27 May 2021	Depart Time	923
C7	27 May 2021	Air Temp (C)	15.1
C7	27 May 2021	Weather	Overcast
C7	27 May 2021	Visibility (mi)	8
C7	27 May 2021	Wind Speed (kts)	6
C7	27 May 2021	Wind Dir	S
C7	27 May 2021	Water Color	Green
C7	27 May 2021	Wave Ht Low (ft)	5
C7	27 May 2021	Wave Period (sec)	13
C7	27 May 2021	Sea State	Light Chop
C7	27 May 2021	High Tide (ft)	6.62762
C7	27 May 2021	High Tide Time	2206
C7	27 May 2021	Low Tide (ft)	-1.70612
C7	27 May 2021	Low Tide Time	436
C7	27 May 2021	Comments	Kelp; Kelp Debris
C8	03 May 2021	Depth (m)	18.9
C8	03 May 2021	Arrive Time	908
C8	03 May 2021	Depart Time	913
C8	03 May 2021	Air Temp (C)	15.9
C8	03 May 2021	Weather	Overcast
C8	03 May 2021	Visibility (mi)	5
C8	03 May 2021	Wind Speed (kts)	3.9
C8	03 May 2021	Wind Dir	W
C8	03 May 2021	Water Color	Greenish-Blue
C8	03 May 2021	Wave Ht Low (ft)	6
C8	03 May 2021	Wave Period (sec)	15
C8	03 May 2021	Sea State	Confused Swell
C8	03 May 2021	High Tide (ft)	4.46216
C8	03 May 2021	High Tide Time	218
C8	03 May 2021	Low Tide (ft)	-0.29529
C8	03 May 2021	Low Tide Time	1012
C8	03 May 2021	Comments	none
C8	10 May 2021	Depth (m)	19.2
C8	10 May 2021	Arrive Time	915
C8	10 May 2021	Depart Time	920
C8	10 May 2021	Air Temp (C)	15.5
C8	10 May 2021	Weather	Overcast
C8	10 May 2021	Visibility (mi)	10
C8	10 May 2021	Wind Speed (kts)	4.8
C8	10 May 2021	Wind Dir	S
C8	10 May 2021	Water Color	Green
C8	10 May 2021	Wave Ht Low (ft)	3
C8	10 May 2021	Wave Period (sec)	9
C8	10 May 2021	Sea State	Confused Swell
C8	10 May 2021	High Tide (ft)	5.41365
C8	10 May 2021	High Tide Time	2100
C8	10 May 2021	Low Tide (ft)	-0.13124
C8	10 May 2021	Low Tide Time	318
C8	10 May 2021	Comments	none
C8	18 May 2021	Depth (m)	18.5
C8	18 May 2021	Arrive Time	900
C8	18 May 2021	Depart Time	902

Station	Date	Parameter	Value
C8	18 May 2021	Air Temp (C)	15.5
C8	18 May 2021	Weather	Overcast
C8	18 May 2021	Visibility (mi)	12
C8	18 May 2021	Wind Speed (kts)	5.1
C8	18 May 2021	Wind Dir	SW
C8	18 May 2021	Water Color	Green
C8	18 May 2021	Wave Ht Low (ft)	4
C8	18 May 2021	Wave Period (sec)	14
C8	18 May 2021	Sea State	Light Chop
C8	18 May 2021	High Tide (ft)	4.36373
C8	18 May 2021	High Tide Time	100
C8	18 May 2021	Low Tide (ft)	0.22967
C8	18 May 2021	Low Tide Time	906
C8	18 May 2021	Comments	Kelp
C8	27 May 2021	Depth (m)	19.6
C8	27 May 2021	Arrive Time	928
C8	27 May 2021	Depart Time	934
C8	27 May 2021	Air Temp (C)	15.2
C8	27 May 2021	Weather	Overcast
C8	27 May 2021	Visibility (mi)	8
C8	27 May 2021	Wind Speed (kts)	5.1
C8	27 May 2021	Wind Dir	S
C8	27 May 2021	Water Color	Green
C8	27 May 2021	Wave Ht Low (ft)	5
C8	27 May 2021	Wave Period (sec)	13
C8	27 May 2021	Sea State	Light Chop
C8	27 May 2021	High Tide (ft)	6.62762
C8	27 May 2021	High Tide Time	2206
C8	27 May 2021	Low Tide (ft)	-1.70612
C8	27 May 2021	Low Tide Time	436
C8	27 May 2021	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 ($\sigma\text{-t}$)	Chlor ($\mu\text{g/L}$)
A1	03 May 2021	1	16.87	77.58	8.3	33.68	8.2	24.5	2.79
A1	03 May 2021	2	16.81	79.22	8.2	33.69	8.2	24.6	3.24
A1	03 May 2021	3	16.40	77.33	8.4	33.70	8.2	24.7	5.52
A1	03 May 2021	4	16.45	71.61	8.3	33.69	8.2	24.6	6.54
A1	03 May 2021	5	15.92	69.63	8.3	33.72	8.2	24.8	8.53
A1	03 May 2021	6	15.92	68.73	8.4	33.68	8.2	24.7	9.43
A1	03 May 2021	7	15.63	66.22	8.4	33.73	8.2	24.9	10.26
A1	03 May 2021	8	15.35	65.66	8.5	33.71	8.2	24.9	10.48
A1	03 May 2021	9	15.22	65.36	8.5	33.69	8.2	24.9	10.80
A1	03 May 2021	10	14.91	64.69	8.3	33.71	8.1	25.0	11.50
A1	03 May 2021	11	14.83	66.20	8.0	33.70	8.1	25.0	10.79
A1	03 May 2021	12	14.80	66.12	7.9	33.70	8.1	25.0	10.55
A1	03 May 2021	13	14.76	65.58	8.0	33.70	8.1	25.0	10.81
A1	03 May 2021	14	14.64	65.19	7.8	33.71	8.1	25.1	10.54
A1	03 May 2021	15	14.47	65.89	7.6	33.70	8.1	25.1	10.04
A1	03 May 2021	16	14.31	66.65	7.4	33.72	8.1	25.1	8.59
A1	03 May 2021	17	14.03	70.29	7.3	33.70	8.1	25.2	6.79
A1	03 May 2021	18	14.19	71.39	7.4	33.69	8.1	25.1	6.90
A1	10 May 2021	1	17.44	70.09	9.6	33.70	8.3	24.4	5.53
A1	10 May 2021	2	17.41	70.01	9.6	33.70	8.3	24.4	5.80
A1	10 May 2021	3	17.39	69.94	9.7	33.70	8.3	24.4	5.92
A1	10 May 2021	4	17.38	70.05	9.7	33.70	8.3	24.4	6.15
A1	10 May 2021	5	17.37	69.99	9.7	33.70	8.3	24.4	6.20
A1	10 May 2021	6	17.33	69.84	9.7	33.70	8.3	24.4	6.03
A1	10 May 2021	7	17.32	69.89	9.7	33.70	8.3	24.4	5.98
A1	10 May 2021	8	17.25	70.15	9.5	33.70	8.3	24.5	5.69
A1	10 May 2021	9	16.70	71.83	9.2	33.73	8.3	24.6	5.05
A1	10 May 2021	10	15.97	74.41	8.8	33.71	8.2	24.8	4.99
A1	10 May 2021	11	15.35	75.35	8.6	33.71	8.2	24.9	5.33
A1	10 May 2021	12	14.91	76.55	8.5	33.70	8.2	25.0	4.72
A1	10 May 2021	13	14.49	77.10	8.2	33.70	8.2	25.1	4.69
A1	10 May 2021	14	14.52	76.62	8.0	33.68	8.1	25.1	4.90
A1	10 May 2021	15	13.66	79.95	6.7	33.75	8.1	25.3	3.19
A1	10 May 2021	16	13.16	83.02	6.1	33.71	8.0	25.4	1.88
A1	10 May 2021	17	12.99	83.71	6.0	33.71	8.0	25.4	1.50
A1	10 May 2021	18	12.91	83.91	6.0	33.70	8.0	25.4	1.40
A1	10 May 2021	19	12.91	83.77	6.1	33.70	8.0	25.4	1.37
A1	18 May 2021	1	17.65	77.29	9.5	33.72	8.3	24.4	2.62
A1	18 May 2021	2	17.74	77.45	9.5	33.73	8.3	24.4	2.61
A1	18 May 2021	3	17.66	77.32	9.5	33.73	8.3	24.4	3.04
A1	18 May 2021	4	17.61	77.34	9.4	33.73	8.3	24.4	3.25
A1	18 May 2021	5	17.50	77.44	9.1	33.75	8.3	24.4	3.29
A1	18 May 2021	6	16.81	77.70	8.4	33.75	8.2	24.6	3.39
A1	18 May 2021	7	16.27	78.35	7.9	33.76	8.2	24.7	3.42
A1	18 May 2021	8	15.44	79.26	7.3	33.73	8.1	24.9	3.12
A1	18 May 2021	9	14.38	82.34	6.5	33.78	8.0	25.2	2.56
A1	18 May 2021	10	13.12	83.56	6.0	33.71	8.0	25.4	1.78
A1	18 May 2021	11	13.02	84.05	5.9	33.67	7.9	25.4	1.50
A1	18 May 2021	12	12.58	84.29	5.6	33.70	7.9	25.5	1.21
A1	18 May 2021	13	12.36	85.22	5.4	33.69	7.9	25.5	1.04
A1	18 May 2021	14	11.79	85.27	5.1	33.70	7.8	25.6	0.80
A1	18 May 2021	15	11.73	85.37	5.0	33.68	7.8	25.6	0.66
A1	18 May 2021	16	11.64	85.43	5.0	33.70	7.8	25.6	0.65
A1	18 May 2021	17	11.54	85.40	4.9	33.69	7.8	25.7	0.58

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
A1	18 May 2021	18	11.59	85.37	4.9	33.69	7.8	25.6	0.57
A1	27 May 2021	1	15.82	80.60	7.8	33.71	8.1	24.8	1.62
A1	27 May 2021	2	15.39	79.87	7.5	33.74	8.1	24.9	1.83
A1	27 May 2021	3	13.81	77.77	6.7	33.75	8.0	25.3	2.75
A1	27 May 2021	4	13.04	79.43	6.3	33.72	8.0	25.4	2.73
A1	27 May 2021	5	12.85	80.05	6.2	33.69	7.9	25.4	2.89
A1	27 May 2021	6	12.60	79.96	6.2	33.70	7.9	25.5	2.89
A1	27 May 2021	7	12.37	81.49	6.0	33.69	7.9	25.5	2.60
A1	27 May 2021	8	12.11	82.09	5.8	33.70	7.9	25.6	2.49
A1	27 May 2021	9	11.98	82.13	5.7	33.70	7.9	25.6	2.21
A1	27 May 2021	10	11.99	82.69	5.7	33.69	7.9	25.6	2.13
A1	27 May 2021	11	11.92	82.96	5.6	33.71	7.9	25.6	1.88
A1	27 May 2021	12	11.85	82.98	5.5	33.71	7.9	25.6	1.76
A1	27 May 2021	13	11.78	83.24	5.5	33.71	7.8	25.6	1.67
A1	27 May 2021	14	11.76	83.52	5.5	33.71	7.8	25.6	1.55
A1	27 May 2021	15	11.65	83.81	5.3	33.72	7.8	25.7	1.47
A1	27 May 2021	16	11.66	84.02	5.3	33.72	7.8	25.7	1.37
A1	27 May 2021	17	11.51	84.34	5.1	33.74	7.8	25.7	1.12
A1	27 May 2021	18	11.56	84.31	5.2	33.72	7.8	25.7	1.07
A6	03 May 2021	1	16.97	76.95	8.3	33.69	8.2	24.5	3.01
A6	03 May 2021	2	16.97	77.31	8.3	33.69	8.2	24.5	3.52
A6	03 May 2021	3	16.98	77.57	8.4	33.69	8.2	24.5	3.65
A6	03 May 2021	4	16.96	77.35	8.3	33.69	8.2	24.5	4.09
A6	03 May 2021	5	16.94	76.53	8.4	33.69	8.2	24.5	4.53
A6	03 May 2021	6	16.88	75.81	8.2	33.69	8.2	24.5	4.86
A6	03 May 2021	7	16.85	75.85	8.2	33.69	8.2	24.5	4.94
A6	03 May 2021	8	16.86	75.93	8.2	33.69	8.2	24.5	4.83
A6	03 May 2021	9	16.83	76.10	8.2	33.69	8.2	24.6	4.72
A6	03 May 2021	10	16.65	76.43	8.1	33.70	8.2	24.6	4.39
A6	03 May 2021	11	16.43	77.06	8.0	33.70	8.2	24.6	4.19
A6	03 May 2021	12	16.47	77.39	8.0	33.69	8.2	24.6	4.13
A6	03 May 2021	13	16.36	77.37	7.8	33.71	8.2	24.7	3.81
A6	03 May 2021	14	15.82	77.76	7.6	33.70	8.1	24.8	3.51
A6	03 May 2021	15	15.67	78.37	7.4	33.70	8.1	24.8	3.24
A6	03 May 2021	16	15.08	78.85	7.2	33.70	8.1	25.0	2.83
A6	03 May 2021	17	14.84	79.58	6.7	33.70	8.1	25.0	2.56
A6	03 May 2021	18	13.40	80.31	6.3	33.69	8.0	25.3	1.82
A6	10 May 2021	1	17.93	76.32	9.0	33.71	8.2	24.3	3.18
A6	10 May 2021	2	17.96	76.55	9.0	33.71	8.2	24.3	3.29
A6	10 May 2021	3	17.96	76.76	8.9	33.71	8.2	24.3	3.39
A6	10 May 2021	4	17.59	76.57	8.8	33.74	8.2	24.4	5.13
A6	10 May 2021	5	16.93	73.60	8.6	33.73	8.2	24.6	6.29
A6	10 May 2021	6	16.21	71.95	8.7	33.70	8.2	24.7	5.98
A6	10 May 2021	7	15.47	72.38	9.0	33.73	8.2	24.9	5.85
A6	10 May 2021	8	14.90	73.02	8.9	33.69	8.2	25.0	5.59
A6	10 May 2021	9	14.69	73.99	8.6	33.69	8.2	25.0	5.23
A6	10 May 2021	10	14.36	75.10	7.9	33.70	8.2	25.1	4.66
A6	10 May 2021	11	13.96	77.46	7.1	33.70	8.1	25.2	3.48
A6	10 May 2021	12	13.58	80.30	6.6	33.70	8.1	25.3	2.19
A6	10 May 2021	13	13.39	81.90	6.4	33.69	8.0	25.3	1.66
A6	10 May 2021	14	13.21	82.89	6.3	33.69	8.0	25.3	1.51
A6	10 May 2021	15	13.15	82.87	6.3	33.69	8.0	25.3	1.38
A6	10 May 2021	16	13.06	83.55	6.2	33.69	8.0	25.4	1.28
A6	10 May 2021	17	13.01	83.92	6.1	33.70	8.0	25.4	1.18
A6	10 May 2021	18	12.91	84.21	5.9	33.70	8.0	25.4	1.09
A6	10 May 2021	19	12.79	84.19	5.8	33.71	8.0	25.4	1.01
A6	18 May 2021	1	17.20	77.64	8.5	33.72	8.2	24.5	2.18

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
A6	18 May 2021	2	17.20	78.27	8.5	33.72	8.2	24.5	2.34
A6	18 May 2021	3	17.20	79.16	8.6	33.72	8.2	24.5	2.53
A6	18 May 2021	4	17.20	79.04	8.5	33.72	8.2	24.5	2.67
A6	18 May 2021	5	17.18	79.03	8.5	33.72	8.2	24.5	2.87
A6	18 May 2021	6	17.11	78.71	8.4	33.72	8.2	24.5	3.31
A6	18 May 2021	7	16.80	78.25	8.2	33.73	8.2	24.6	3.74
A6	18 May 2021	8	16.79	77.85	8.2	33.71	8.2	24.6	3.98
A6	18 May 2021	9	16.82	77.77	8.2	33.71	8.2	24.6	4.00
A6	18 May 2021	10	16.55	77.81	7.9	33.73	8.2	24.6	4.46
A6	18 May 2021	11	16.12	77.25	7.6	33.71	8.2	24.7	5.61
A6	18 May 2021	12	15.84	75.72	7.6	33.68	8.1	24.8	7.39
A6	18 May 2021	13	15.70	74.39	7.3	33.73	8.1	24.8	6.78
A6	18 May 2021	14	15.20	74.86	7.0	33.69	8.1	24.9	6.32
A6	18 May 2021	15	14.81	77.27	6.5	33.72	8.1	25.0	4.58
A6	18 May 2021	16	14.06	81.69	6.0	33.70	8.0	25.2	2.77
A6	18 May 2021	17	13.52	83.02	5.8	33.69	7.9	25.3	1.60
A6	18 May 2021	18	13.83	81.20	6.0	33.65	7.9	25.2	1.55
A6	27 May 2021	1	16.91	80.41	8.3	33.71	8.2	24.5	1.32
A6	27 May 2021	2	16.93	80.10	8.3	33.71	8.2	24.5	1.38
A6	27 May 2021	3	16.67	80.01	8.1	33.73	8.2	24.6	1.59
A6	27 May 2021	4	16.18	78.69	7.8	33.73	8.1	24.7	2.03
A6	27 May 2021	5	15.33	77.98	7.4	33.75	8.1	24.9	2.66
A6	27 May 2021	6	14.51	77.61	6.8	33.73	8.1	25.1	2.88
A6	27 May 2021	7	13.32	78.79	5.9	33.78	8.0	25.4	2.04
A6	27 May 2021	8	11.69	82.68	5.1	33.80	7.9	25.7	1.32
A6	27 May 2021	9	11.43	84.77	4.9	33.71	7.8	25.7	0.95
A6	27 May 2021	10	11.33	85.00	4.9	33.71	7.8	25.7	0.82
A6	27 May 2021	11	11.18	85.17	4.9	33.71	7.8	25.7	0.76
A6	27 May 2021	12	11.12	85.31	4.8	33.70	7.8	25.7	0.73
A6	27 May 2021	13	11.11	85.42	4.8	33.71	7.8	25.7	0.69
A6	27 May 2021	14	11.12	85.51	4.8	33.71	7.8	25.8	0.69
A6	27 May 2021	15	11.12	85.49	4.8	33.72	7.8	25.8	0.66
A6	27 May 2021	16	11.12	85.39	4.8	33.72	7.8	25.8	0.65
A6	27 May 2021	17	11.14	85.37	4.8	33.73	7.8	25.8	0.65
A6	27 May 2021	18	11.14	85.36	4.8	33.74	7.8	25.8	0.64
A7	03 May 2021	1	16.73	74.80	8.4	33.68	8.2	24.6	4.66
A7	03 May 2021	2	16.72	75.30	8.3	33.69	8.2	24.6	4.90
A7	03 May 2021	3	16.53	73.85	8.4	33.70	8.2	24.6	6.22
A7	03 May 2021	4	16.45	71.71	8.5	33.69	8.2	24.6	7.43
A7	03 May 2021	5	16.36	71.06	8.5	33.70	8.2	24.7	7.86
A7	03 May 2021	6	16.27	70.79	8.5	33.70	8.2	24.7	7.84
A7	03 May 2021	7	16.26	71.14	8.6	33.69	8.2	24.7	7.71
A7	03 May 2021	8	16.25	71.56	8.5	33.69	8.2	24.7	7.31
A7	03 May 2021	9	16.24	72.45	8.5	33.70	8.2	24.7	6.84
A7	03 May 2021	10	16.25	72.52	8.5	33.69	8.2	24.7	6.91
A7	03 May 2021	11	16.19	72.97	8.4	33.70	8.2	24.7	6.69
A7	03 May 2021	12	16.10	75.01	8.1	33.71	8.2	24.7	6.27
A7	03 May 2021	13	15.14	76.16	7.2	33.75	8.1	25.0	4.96
A7	03 May 2021	14	14.64	77.73	6.8	33.71	8.1	25.1	4.01
A7	03 May 2021	15	14.23	76.14	6.9	33.72	8.0	25.1	4.70
A7	03 May 2021	16	13.97	74.04	7.0	33.70	8.1	25.2	5.04
A7	03 May 2021	17	13.89	76.15	6.9	33.70	8.0	25.2	4.84
A7	03 May 2021	18	13.14	78.54	6.1	33.71	8.0	25.4	2.71
A7	03 May 2021	19	13.23	77.87	6.0	33.66	7.9	25.3	1.94
A7	10 May 2021	1	17.57	76.10	8.8	33.71	8.2	24.4	2.82
A7	10 May 2021	2	17.55	76.28	8.9	33.71	8.2	24.4	3.05
A7	10 May 2021	3	17.49	76.24	9.2	33.71	8.3	24.4	3.77
A7	10 May 2021	4	17.48	75.34	9.2	33.71	8.3	24.4	4.16

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
A7	10 May 2021	5	17.46	75.04	9.2	33.71	8.3	24.4	4.40
A7	10 May 2021	6	17.10	74.81	9.2	33.72	8.3	24.5	4.69
A7	10 May 2021	7	16.90	73.89	9.3	33.70	8.3	24.5	4.89
A7	10 May 2021	8	16.48	73.41	9.3	33.73	8.3	24.7	5.23
A7	10 May 2021	9	15.53	72.61	9.1	33.74	8.3	24.9	5.41
A7	10 May 2021	10	14.98	73.95	8.6	33.69	8.2	25.0	4.96
A7	10 May 2021	11	14.77	76.00	8.3	33.69	8.2	25.0	4.75
A7	10 May 2021	12	14.56	76.71	7.7	33.70	8.2	25.1	3.75
A7	10 May 2021	13	13.71	79.24	6.7	33.73	8.1	25.3	2.18
A7	10 May 2021	14	13.43	82.77	6.2	33.70	8.0	25.3	1.46
A7	10 May 2021	15	13.03	83.84	6.0	33.70	8.0	25.4	1.20
A7	10 May 2021	16	12.97	83.96	6.0	33.69	8.0	25.4	1.18
A7	10 May 2021	17	12.94	84.17	5.9	33.70	8.0	25.4	1.14
A7	10 May 2021	18	12.85	84.38	5.9	33.70	8.0	25.4	1.04
A7	10 May 2021	19	12.83	84.39	5.8	33.70	7.9	25.4	0.99
A7	18 May 2021	1	17.73	76.76	9.5	33.72	8.3	24.4	2.61
A7	18 May 2021	2	17.72	76.83	9.5	33.73	8.3	24.4	2.84
A7	18 May 2021	3	17.61	76.91	9.3	33.73	8.3	24.4	3.24
A7	18 May 2021	4	17.48	76.95	9.1	33.73	8.3	24.4	3.49
A7	18 May 2021	5	17.27	77.36	8.9	33.73	8.3	24.5	3.65
A7	18 May 2021	6	17.26	77.50	8.9	33.72	8.3	24.5	3.57
A7	18 May 2021	7	17.25	77.50	8.6	33.72	8.3	24.5	3.61
A7	18 May 2021	8	16.38	79.17	7.8	33.78	8.2	24.7	3.15
A7	18 May 2021	9	15.95	80.22	7.3	33.73	8.2	24.8	2.58
A7	18 May 2021	10	15.55	81.48	7.0	33.72	8.1	24.9	2.01
A7	18 May 2021	11	15.33	82.60	6.8	33.70	8.1	24.9	1.55
A7	18 May 2021	12	15.27	82.83	6.7	33.68	8.1	24.9	1.40
A7	18 May 2021	13	14.61	83.81	5.9	33.77	8.1	25.1	1.16
A7	18 May 2021	14	12.99	84.56	5.3	33.76	8.0	25.4	0.82
A7	18 May 2021	15	12.71	84.76	5.3	33.69	7.9	25.4	0.68
A7	18 May 2021	16	13.03	84.78	5.3	33.69	7.9	25.4	0.66
A7	18 May 2021	17	12.08	84.78	4.9	33.70	7.9	25.6	0.59
A7	18 May 2021	18	11.94	84.80	4.8	33.70	7.8	25.6	0.53
A7	18 May 2021	19	11.97	84.73	4.9	33.67	7.8	25.6	0.55
A7	18 May 2021	20	12.08	84.62	4.9	33.69	7.8	25.6	0.52
A7	27 May 2021	1	16.39	80.26	8.1	33.69	8.1	24.7	1.58
A7	27 May 2021	2	16.40	80.39	8.1	33.69	8.1	24.7	1.59
A7	27 May 2021	3	15.87	80.17	7.6	33.76	8.1	24.8	1.89
A7	27 May 2021	4	15.01	79.71	7.1	33.73	8.1	25.0	2.17
A7	27 May 2021	5	14.09	79.52	6.6	33.76	8.0	25.2	2.37
A7	27 May 2021	6	13.49	80.52	6.5	33.70	8.0	25.3	2.31
A7	27 May 2021	7	13.42	81.19	6.3	33.70	8.0	25.3	2.31
A7	27 May 2021	8	12.87	81.57	5.8	33.73	8.0	25.4	2.11
A7	27 May 2021	9	11.56	82.63	5.2	33.78	7.9	25.7	1.53
A7	27 May 2021	10	11.61	84.22	5.1	33.68	7.8	25.6	1.27
A7	27 May 2021	11	11.23	84.14	4.9	33.73	7.8	25.7	1.10
A7	27 May 2021	12	11.09	83.89	4.7	33.71	7.8	25.8	1.00
A7	27 May 2021	13	11.02	84.20	4.7	33.71	7.8	25.8	0.93
A7	27 May 2021	14	11.01	84.16	4.6	33.71	7.8	25.8	0.93
A7	27 May 2021	15	11.01	84.12	4.6	33.71	7.8	25.8	0.88
A7	27 May 2021	16	11.02	84.21	4.6	33.71	7.8	25.8	0.87
A7	27 May 2021	17	11.01	84.21	4.6	33.72	7.8	25.8	0.86
A7	27 May 2021	18	11.00	84.21	4.6	33.72	7.8	25.8	0.89
A7	27 May 2021	19	11.01	84.22	4.6	33.72	7.8	25.8	0.82
A7	27 May 2021	20	11.01	83.70	4.6	33.73	7.8	25.8	0.84
C4	03 May 2021	1	16.64	53.28	7.0	33.71	8.1	24.6	1.10
C4	03 May 2021	2	16.60	55.99	7.0	33.72	8.1	24.6	1.23
C4	03 May 2021	3	16.51	56.29	7.0	33.72	8.1	24.6	1.62

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C4	03 May 2021	4	16.44	57.81	7.0	33.72	8.1	24.7	1.77
C4	03 May 2021	5	16.39	58.21	7.0	33.72	8.1	24.7	1.76
C4	03 May 2021	6	16.30	59.87	7.0	33.72	8.1	24.7	1.76
C4	03 May 2021	7	16.18	64.24	7.0	33.72	8.1	24.7	1.69
C4	03 May 2021	8	15.39	68.68	6.8	33.75	8.1	24.9	1.41
C4	03 May 2021	9	15.35	69.66	6.4	33.71	8.1	24.9	1.27
C4	03 May 2021	10	14.66	58.49	5.7	33.72	8.0	25.1	1.09
C4	03 May 2021	11	14.68	54.53	5.8	33.70	8.0	25.0	1.04
C4	10 May 2021	1	17.58	72.02	8.8	33.71	8.3	24.4	3.16
C4	10 May 2021	2	17.53	72.15	8.8	33.71	8.3	24.4	3.26
C4	10 May 2021	3	17.61	72.10	8.8	33.70	8.3	24.4	3.39
C4	10 May 2021	4	17.49	72.16	8.8	33.71	8.3	24.4	3.42
C4	10 May 2021	5	17.47	72.49	8.8	33.70	8.3	24.4	3.28
C4	10 May 2021	6	17.40	72.60	8.8	33.71	8.3	24.4	3.20
C4	10 May 2021	7	17.37	72.97	8.7	33.71	8.3	24.4	3.10
C4	10 May 2021	8	16.95	74.48	8.5	33.71	8.3	24.5	2.44
C4	10 May 2021	9	16.81	76.60	8.2	33.68	8.2	24.5	1.75
C4	10 May 2021	10	16.55	76.96	7.1	33.74	8.2	24.6	1.46
C4	10 May 2021	11	15.31	75.21	5.8	33.72	8.1	24.9	0.94
C4	18 May 2021	1	17.33	77.99	7.8	33.73	8.2	24.5	0.98
C4	18 May 2021	2	17.32	78.08	7.7	33.73	8.2	24.5	1.08
C4	18 May 2021	3	17.26	77.92	7.7	33.73	8.2	24.5	1.23
C4	18 May 2021	4	17.06	78.25	7.6	33.73	8.2	24.5	1.40
C4	18 May 2021	5	17.00	78.58	7.5	33.73	8.2	24.5	1.52
C4	18 May 2021	6	16.49	79.47	6.8	33.77	8.2	24.7	1.40
C4	18 May 2021	7	14.65	82.34	5.9	33.75	8.1	25.1	0.96
C4	18 May 2021	8	14.30	82.76	5.0	33.74	8.0	25.1	0.79
C4	18 May 2021	9	12.22	80.21	3.9	33.72	7.8	25.6	0.59
C4	18 May 2021	10	12.32	78.02	3.9	33.64	7.8	25.5	0.54
C4	18 May 2021	11	12.24	77.08	4.0	33.67	7.8	25.5	0.54
C4	27 May 2021	1	15.91	67.25	7.6	33.75	8.1	24.8	1.91
C4	27 May 2021	2	15.86	66.98	7.5	33.75	8.1	24.8	1.96
C4	27 May 2021	3	15.46	68.13	7.2	33.76	8.1	24.9	2.19
C4	27 May 2021	4	15.01	69.58	6.8	33.77	8.0	25.0	2.26
C4	27 May 2021	5	14.11	72.60	6.4	33.77	8.0	25.2	1.98
C4	27 May 2021	6	13.55	75.23	6.0	33.73	8.0	25.3	1.71
C4	27 May 2021	7	13.24	76.13	5.6	33.72	7.9	25.4	1.39
C4	27 May 2021	8	13.01	75.66	5.4	33.71	7.9	25.4	1.16
C4	27 May 2021	9	12.92	74.34	5.3	33.71	7.9	25.4	1.00
C4	27 May 2021	10	13.01	70.60	5.4	33.70	7.9	25.4	0.96
C4	27 May 2021	11	12.97	69.12	5.3	33.71	7.9	25.4	0.96
C5	03 May 2021	1	16.88	76.97	7.9	33.69	8.2	24.5	0.92
C5	03 May 2021	2	16.85	74.84	7.8	33.71	8.2	24.6	1.00
C5	03 May 2021	3	16.79	67.97	7.6	33.71	8.2	24.6	1.22
C5	03 May 2021	4	16.71	62.04	7.4	33.72	8.1	24.6	1.59
C5	03 May 2021	5	16.66	61.82	7.3	33.72	8.1	24.6	1.86
C5	03 May 2021	6	16.20	64.10	7.0	33.74	8.1	24.7	1.49
C5	03 May 2021	7	15.71	58.42	6.5	33.73	8.1	24.8	1.22
C5	03 May 2021	8	15.01	52.52	5.9	33.74	8.1	25.0	1.21
C5	03 May 2021	9	13.72	46.75	5.5	33.81	8.0	25.3	1.30
C5	03 May 2021	10	13.58	30.84	5.7	33.68	8.0	25.3	1.45
C5	03 May 2021	11	13.45	28.88	5.6	33.67	8.0	25.3	1.50
C5	10 May 2021	1	17.98	73.07	8.1	33.72	8.2	24.3	1.57
C5	10 May 2021	2	17.99	72.87	8.1	33.72	8.2	24.3	1.61
C5	10 May 2021	3	17.98	72.61	8.1	33.72	8.2	24.3	1.70
C5	10 May 2021	4	17.91	72.53	8.0	33.72	8.2	24.3	1.74

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C5	10 May 2021	5	17.88	72.61	7.8	33.72	8.2	24.3	1.70
C5	10 May 2021	6	17.27	73.30	6.6	33.76	8.2	24.5	1.32
C5	10 May 2021	7	16.46	75.05	5.7	33.75	8.1	24.7	1.07
C5	10 May 2021	8	15.78	74.02	5.3	33.72	8.0	24.8	1.00
C5	10 May 2021	9	15.56	70.48	5.5	33.69	8.0	24.8	1.02
C5	10 May 2021	10	15.54	68.96	5.6	33.68	8.0	24.8	1.05
C5	18 May 2021	1	17.30	78.65	8.4	33.72	8.2	24.5	1.67
C5	18 May 2021	2	17.31	78.87	8.4	33.73	8.2	24.5	1.87
C5	18 May 2021	3	17.31	79.70	8.3	33.73	8.2	24.5	2.04
C5	18 May 2021	4	16.96	79.68	7.6	33.75	8.2	24.6	1.97
C5	18 May 2021	5	15.92	80.17	6.5	33.75	8.1	24.8	1.26
C5	18 May 2021	6	15.06	81.00	5.8	33.73	8.0	25.0	0.80
C5	18 May 2021	7	14.55	81.81	5.6	33.69	8.0	25.1	0.66
C5	18 May 2021	8	14.45	81.64	5.5	33.67	8.0	25.1	0.63
C5	18 May 2021	9	14.33	77.62	5.4	33.66	7.9	25.1	0.66
C5	18 May 2021	10	14.40	76.01	5.5	33.68	7.9	25.1	0.65
C5	27 May 2021	1	16.40	78.07	7.8	33.69	8.1	24.6	0.71
C5	27 May 2021	2	16.37	78.29	7.8	33.72	8.1	24.7	0.78
C5	27 May 2021	3	16.32	79.39	7.7	33.72	8.1	24.7	0.86
C5	27 May 2021	4	16.05	78.20	7.5	33.73	8.1	24.8	0.99
C5	27 May 2021	5	15.72	78.22	7.0	33.76	8.1	24.9	0.99
C5	27 May 2021	6	14.12	79.82	6.3	33.78	8.0	25.2	0.83
C5	27 May 2021	7	13.70	79.63	5.9	33.75	8.0	25.3	0.75
C5	27 May 2021	8	13.24	77.76	5.7	33.74	8.0	25.4	0.71
C5	27 May 2021	9	12.83	77.84	5.7	33.72	7.9	25.4	0.66
C5	27 May 2021	10	12.67	75.94	5.8	33.69	7.9	25.4	0.64
C6	03 May 2021	1	16.93	76.26	8.4	33.70	8.2	24.5	1.71
C6	03 May 2021	2	16.91	76.54	8.3	33.70	8.2	24.5	2.03
C6	03 May 2021	3	16.78	75.69	8.0	33.70	8.2	24.6	2.62
C6	03 May 2021	4	16.72	74.17	7.7	33.70	8.2	24.6	2.42
C6	03 May 2021	5	16.66	72.64	7.6	33.70	8.2	24.6	2.12
C6	03 May 2021	6	16.62	72.32	7.5	33.70	8.2	24.6	2.13
C6	03 May 2021	7	16.30	72.17	7.0	33.73	8.2	24.7	2.09
C6	03 May 2021	8	14.57	67.62	5.9	33.77	8.1	25.1	1.36
C6	03 May 2021	9	14.33	55.27	5.9	33.69	8.0	25.1	1.14
C6	10 May 2021	1	18.12	75.81	8.5	33.72	8.2	24.3	2.45
C6	10 May 2021	2	18.12	75.85	8.3	33.73	8.2	24.3	2.53
C6	10 May 2021	3	17.35	76.09	7.7	33.78	8.2	24.5	2.48
C6	10 May 2021	4	16.71	77.13	7.3	33.73	8.2	24.6	2.06
C6	10 May 2021	5	15.99	78.76	7.4	33.74	8.1	24.8	2.00
C6	10 May 2021	6	15.58	79.60	7.3	33.70	8.1	24.8	1.49
C6	10 May 2021	7	15.38	80.76	7.1	33.70	8.1	24.9	1.20
C6	10 May 2021	8	15.13	81.87	6.7	33.69	8.1	24.9	0.97
C6	10 May 2021	9	15.06	81.92	6.3	33.68	8.0	24.9	0.77
C6	10 May 2021	10	15.07	81.78	6.2	33.68	8.0	24.9	0.77
C6	18 May 2021	1	17.53	78.05	8.0	33.72	8.2	24.4	1.38
C6	18 May 2021	2	17.52	77.94	7.8	33.73	8.2	24.4	1.53
C6	18 May 2021	3	17.51	77.93	7.8	33.73	8.2	24.4	1.77
C6	18 May 2021	4	17.37	77.84	7.7	33.73	8.2	24.5	1.96
C6	18 May 2021	5	17.21	78.23	7.4	33.73	8.2	24.5	1.95
C6	18 May 2021	6	16.58	79.34	6.8	33.77	8.2	24.7	1.49
C6	18 May 2021	7	15.81	80.89	6.3	33.66	8.1	24.8	0.99
C6	18 May 2021	8	14.80	79.66	5.6	33.79	8.0	25.1	0.77
C6	18 May 2021	9	14.06	76.80	5.5	33.66	7.9	25.1	0.65
C6	27 May 2021	1	16.51	75.50	7.4	33.72	8.1	24.6	0.67

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C6	27 May 2021	2	16.55	75.85	7.4	33.72	8.1	24.6	0.66
C6	27 May 2021	3	16.11	75.04	7.0	33.77	8.1	24.8	0.70
C6	27 May 2021	4	15.77	75.72	6.8	33.73	8.1	24.8	0.74
C6	27 May 2021	5	14.82	78.29	6.5	33.79	8.1	25.1	0.84
C6	27 May 2021	6	13.77	80.31	6.3	33.75	8.0	25.3	0.91
C6	27 May 2021	7	13.58	82.82	6.2	33.70	8.0	25.3	0.95
C6	27 May 2021	8	12.98	82.67	6.0	33.76	8.0	25.4	0.84
C6	27 May 2021	9	12.81	77.54	6.0	33.71	7.9	25.4	0.69
C7	03 May 2021	1	17.11	75.55	8.5	33.68	8.2	24.5	2.60
C7	03 May 2021	2	17.10	75.44	8.5	33.68	8.2	24.5	3.23
C7	03 May 2021	3	17.10	75.10	8.5	33.68	8.2	24.5	3.98
C7	03 May 2021	4	17.09	74.87	8.5	33.68	8.2	24.5	4.89
C7	03 May 2021	5	17.09	74.99	8.4	33.68	8.2	24.5	5.51
C7	03 May 2021	6	17.08	75.03	8.4	33.68	8.2	24.5	5.78
C7	03 May 2021	7	17.08	75.28	8.5	33.68	8.2	24.5	5.78
C7	03 May 2021	8	17.07	75.58	8.4	33.68	8.2	24.5	5.50
C7	03 May 2021	9	17.04	75.85	8.4	33.68	8.2	24.5	5.30
C7	03 May 2021	10	17.02	75.76	8.4	33.68	8.2	24.5	5.35
C7	03 May 2021	11	17.00	75.53	8.2	33.69	8.2	24.5	5.06
C7	03 May 2021	12	16.80	75.02	7.9	33.71	8.2	24.6	3.35
C7	03 May 2021	13	16.76	73.68	7.7	33.70	8.2	24.6	2.66
C7	03 May 2021	14	16.03	73.86	6.8	33.76	8.1	24.8	1.82
C7	03 May 2021	15	13.91	78.03	5.8	33.84	8.1	25.3	1.42
C7	03 May 2021	16	12.25	80.52	5.2	33.74	8.0	25.6	1.04
C7	03 May 2021	17	11.98	80.22	5.2	33.69	7.9	25.6	0.83
C7	03 May 2021	18	12.34	79.72	5.4	33.63	7.9	25.5	0.84
C7	10 May 2021	1	18.00	77.86	9.0	33.70	8.2	24.3	2.89
C7	10 May 2021	2	18.00	77.77	9.0	33.70	8.2	24.3	3.05
C7	10 May 2021	3	18.00	77.65	9.0	33.70	8.2	24.3	3.39
C7	10 May 2021	4	17.99	77.22	8.9	33.71	8.2	24.3	3.58
C7	10 May 2021	5	17.39	75.21	8.5	33.74	8.2	24.5	4.58
C7	10 May 2021	6	16.86	73.08	8.5	33.72	8.2	24.6	5.56
C7	10 May 2021	7	16.06	73.06	9.6	33.70	8.2	24.7	5.54
C7	10 May 2021	8	15.82	73.22	10.2	33.70	8.3	24.8	5.62
C7	10 May 2021	9	15.37	73.69	10.6	33.71	8.3	24.9	5.27
C7	10 May 2021	10	15.23	74.95	10.4	33.69	8.3	24.9	5.01
C7	10 May 2021	11	14.99	75.74	9.5	33.71	8.3	25.0	4.84
C7	10 May 2021	12	14.60	77.21	8.2	33.70	8.2	25.1	4.26
C7	10 May 2021	13	14.31	78.72	7.7	33.69	8.1	25.1	3.59
C7	10 May 2021	14	14.08	80.55	7.5	33.69	8.1	25.2	3.16
C7	10 May 2021	15	13.82	81.46	7.3	33.69	8.1	25.2	3.00
C7	10 May 2021	16	13.72	81.52	7.1	33.68	8.1	25.2	2.58
C7	10 May 2021	17	13.64	82.56	6.8	33.68	8.0	25.2	1.77
C7	10 May 2021	18	13.61	84.19	6.8	33.68	8.0	25.2	1.18
C7	18 May 2021	1	17.73	76.03	9.1	33.73	8.3	24.4	3.04
C7	18 May 2021	2	17.73	76.12	9.1	33.73	8.3	24.4	3.16
C7	18 May 2021	3	17.73	75.79	9.1	33.73	8.3	24.4	3.58
C7	18 May 2021	4	17.73	75.63	9.1	33.73	8.3	24.4	3.98
C7	18 May 2021	5	17.73	75.69	9.1	33.73	8.3	24.4	4.12
C7	18 May 2021	6	17.73	75.63	9.1	33.73	8.3	24.4	4.25
C7	18 May 2021	7	17.73	75.90	9.1	33.73	8.3	24.4	4.24
C7	18 May 2021	8	17.74	75.89	9.1	33.73	8.3	24.4	4.16
C7	18 May 2021	9	17.73	75.99	9.1	33.73	8.3	24.4	4.10
C7	18 May 2021	10	17.72	76.20	9.1	33.73	8.3	24.4	4.02
C7	18 May 2021	11	17.70	75.77	9.1	33.73	8.3	24.4	3.98
C7	18 May 2021	12	17.43	73.44	8.8	33.74	8.3	24.4	5.69
C7	18 May 2021	13	16.56	75.82	7.9	33.78	8.2	24.7	5.73
C7	18 May 2021	14	15.02	77.33	7.1	33.76	8.1	25.0	4.76

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C7	18 May 2021	15	15.01	81.52	7.0	33.63	8.0	24.9	3.80
C7	18 May 2021	16	13.65	82.97	6.5	33.74	8.0	25.3	2.89
C7	18 May 2021	17	13.30	84.40	6.3	33.67	8.0	25.3	1.70
C7	18 May 2021	18	13.39	84.84	6.4	33.65	8.0	25.3	1.21
C7	27 May 2021	1	17.15	77.94	8.4	33.72	8.2	24.5	1.79
C7	27 May 2021	2	17.11	78.39	8.2	33.72	8.2	24.5	1.83
C7	27 May 2021	3	16.70	80.08	7.5	33.77	8.2	24.6	1.77
C7	27 May 2021	4	15.36	80.36	6.8	33.76	8.1	24.9	1.85
C7	27 May 2021	5	13.61	80.74	6.2	33.86	8.0	25.4	1.77
C7	27 May 2021	6	12.92	82.00	5.9	33.74	8.0	25.4	1.54
C7	27 May 2021	7	12.87	82.99	5.8	33.71	7.9	25.4	1.34
C7	27 May 2021	8	12.47	83.73	5.6	33.75	7.9	25.5	1.14
C7	27 May 2021	9	12.13	84.16	5.4	33.72	7.9	25.6	1.08
C7	27 May 2021	10	12.00	84.34	5.3	33.73	7.9	25.6	0.97
C7	27 May 2021	11	11.69	84.76	5.2	33.73	7.9	25.7	0.89
C7	27 May 2021	12	11.58	84.87	5.1	33.73	7.8	25.7	0.84
C7	27 May 2021	13	11.59	85.02	5.0	33.73	7.8	25.7	0.82
C7	27 May 2021	14	11.18	85.38	4.9	33.76	7.8	25.8	0.84
C7	27 May 2021	15	11.06	85.58	4.9	33.73	7.8	25.8	0.72
C7	27 May 2021	16	11.05	85.56	4.9	33.73	7.8	25.8	0.63
C7	27 May 2021	17	11.06	85.54	4.9	33.73	7.8	25.8	0.63
C7	27 May 2021	18	11.09	85.53	4.9	33.73	7.8	25.8	0.71
C8	03 May 2021	1	17.17	76.55	8.3	33.67	8.2	24.5	2.08
C8	03 May 2021	2	17.14	76.41	8.3	33.68	8.2	24.5	2.79
C8	03 May 2021	3	17.13	76.35	8.3	33.68	8.2	24.5	3.28
C8	03 May 2021	4	17.13	76.33	8.3	33.68	8.2	24.5	3.64
C8	03 May 2021	5	17.13	76.22	8.3	33.68	8.2	24.5	3.99
C8	03 May 2021	6	17.12	76.17	8.3	33.68	8.2	24.5	4.06
C8	03 May 2021	7	17.08	74.94	8.2	33.69	8.2	24.5	4.66
C8	03 May 2021	8	16.62	71.24	8.0	33.71	8.2	24.6	4.75
C8	03 May 2021	9	16.25	69.84	7.9	33.73	8.2	24.7	4.83
C8	03 May 2021	10	15.80	72.43	8.1	33.70	8.2	24.8	5.23
C8	03 May 2021	11	15.73	73.86	8.3	33.69	8.2	24.8	5.35
C8	03 May 2021	12	15.63	74.25	8.2	33.70	8.2	24.8	5.29
C8	03 May 2021	13	15.41	75.36	7.9	33.71	8.2	24.9	4.80
C8	03 May 2021	14	14.95	78.39	7.8	33.71	8.1	25.0	3.61
C8	03 May 2021	15	14.60	79.14	7.1	33.72	8.1	25.1	2.65
C8	03 May 2021	16	13.09	79.76	6.0	33.83	8.0	25.5	1.76
C8	03 May 2021	17	12.19	80.15	5.5	33.70	7.9	25.5	1.29
C8	03 May 2021	18	11.88	76.53	5.4	33.69	7.9	25.6	1.15
C8	10 May 2021	1	18.01	75.14	9.1	33.71	8.2	24.3	4.01
C8	10 May 2021	2	18.00	75.29	9.1	33.71	8.2	24.3	4.13
C8	10 May 2021	3	18.00	75.55	9.1	33.71	8.2	24.3	4.32
C8	10 May 2021	4	17.99	75.50	9.0	33.71	8.2	24.3	4.81
C8	10 May 2021	5	17.05	74.26	8.3	33.78	8.2	24.6	6.62
C8	10 May 2021	6	16.17	73.91	8.0	33.66	8.2	24.7	6.76
C8	10 May 2021	7	15.14	77.05	7.8	33.80	8.2	25.0	5.55
C8	10 May 2021	8	14.54	79.61	7.9	33.67	8.1	25.0	4.02
C8	10 May 2021	9	14.32	79.90	7.8	33.70	8.1	25.1	3.67
C8	10 May 2021	10	14.17	80.42	7.8	33.68	8.1	25.1	3.35
C8	10 May 2021	11	14.08	81.06	7.7	33.68	8.1	25.2	2.91
C8	10 May 2021	12	13.96	81.25	7.6	33.68	8.1	25.2	2.77
C8	10 May 2021	13	13.89	81.59	7.4	33.69	8.1	25.2	2.35
C8	10 May 2021	14	13.84	82.21	7.4	33.69	8.1	25.2	2.04
C8	10 May 2021	15	13.76	82.68	7.2	33.69	8.1	25.2	1.87
C8	10 May 2021	16	13.66	82.89	7.1	33.69	8.1	25.2	1.84
C8	10 May 2021	17	13.56	82.45	6.9	33.69	8.0	25.3	1.98
C8	10 May 2021	18	13.49	82.98	6.8	33.69	8.0	25.3	1.72

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ($\sigma\text{-t}$)	Chlor ($\mu\text{g/L}$)
C8	10 May 2021	19	13.41	83.85	6.7	33.69	8.0	25.3	1.26
C8	18 May 2021	1	17.81	74.99	9.1	33.73	8.3	24.4	3.54
C8	18 May 2021	2	17.81	75.20	9.1	33.73	8.3	24.3	3.80
C8	18 May 2021	3	17.81	75.12	9.2	33.73	8.3	24.3	4.18
C8	18 May 2021	4	17.80	75.16	9.2	33.73	8.3	24.4	4.27
C8	18 May 2021	5	17.80	75.20	9.1	33.73	8.3	24.4	4.34
C8	18 May 2021	6	17.80	75.35	9.1	33.73	8.3	24.4	4.32
C8	18 May 2021	7	17.75	75.57	9.1	33.74	8.3	24.4	4.18
C8	18 May 2021	8	17.75	75.68	9.1	33.73	8.3	24.4	4.20
C8	18 May 2021	9	17.65	75.71	9.0	33.74	8.3	24.4	4.24
C8	18 May 2021	10	17.43	76.15	8.6	33.73	8.3	24.4	4.46
C8	18 May 2021	11	16.54	76.47	7.6	33.77	8.2	24.7	4.49
C8	18 May 2021	12	15.26	78.28	7.1	33.73	8.1	24.9	3.92
C8	18 May 2021	13	14.99	81.18	7.0	33.65	8.0	24.9	3.53
C8	18 May 2021	14	14.18	82.91	6.6	33.76	8.0	25.2	2.97
C8	18 May 2021	15	13.34	83.60	6.3	33.66	8.0	25.3	2.40
C8	18 May 2021	16	13.31	83.89	6.3	33.65	8.0	25.3	2.17
C8	18 May 2021	17	13.31	83.96	6.4	33.65	8.0	25.3	2.08
C8	18 May 2021	18	13.28	84.10	6.4	33.65	8.0	25.3	1.87
C8	18 May 2021	19	13.31	84.16	6.4	33.65	8.0	25.3	1.89
C8	27 May 2021	1	17.38	77.58	8.3	33.72	8.2	24.4	1.42
C8	27 May 2021	2	17.35	77.48	8.3	33.73	8.2	24.5	1.55
C8	27 May 2021	3	16.78	77.11	7.9	33.76	8.2	24.6	2.37
C8	27 May 2021	4	15.87	75.70	7.4	33.78	8.1	24.8	2.91
C8	27 May 2021	5	15.06	75.29	6.9	33.77	8.1	25.0	3.16
C8	27 May 2021	6	13.93	76.95	6.7	33.75	8.0	25.2	2.89
C8	27 May 2021	7	13.95	79.91	6.5	33.71	8.0	25.2	2.60
C8	27 May 2021	8	13.42	81.15	6.2	33.72	8.0	25.3	2.19
C8	27 May 2021	9	12.91	81.55	6.0	33.73	8.0	25.4	1.90
C8	27 May 2021	10	12.48	82.34	5.8	33.73	7.9	25.5	1.65
C8	27 May 2021	11	12.20	82.98	5.5	33.73	7.9	25.6	1.36
C8	27 May 2021	12	11.87	84.00	5.2	33.75	7.9	25.6	1.05
C8	27 May 2021	13	11.48	84.58	5.0	33.75	7.9	25.7	0.92
C8	27 May 2021	14	11.26	85.10	4.9	33.74	7.8	25.8	0.84
C8	27 May 2021	15	11.21	85.22	4.8	33.74	7.8	25.8	0.76
C8	27 May 2021	16	11.20	85.08	4.9	33.74	7.8	25.8	0.73
C8	27 May 2021	17	11.19	85.07	4.8	33.74	7.8	25.8	0.72
C8	27 May 2021	18	11.20	84.92	4.8	33.74	7.8	25.8	0.73
C8	27 May 2021	19	11.22	84.78	4.9	33.75	7.8	25.8	0.70
C8	27 May 2021	20	11.22	84.78	4.8	33.75	7.8	25.8	0.70

NA = not available

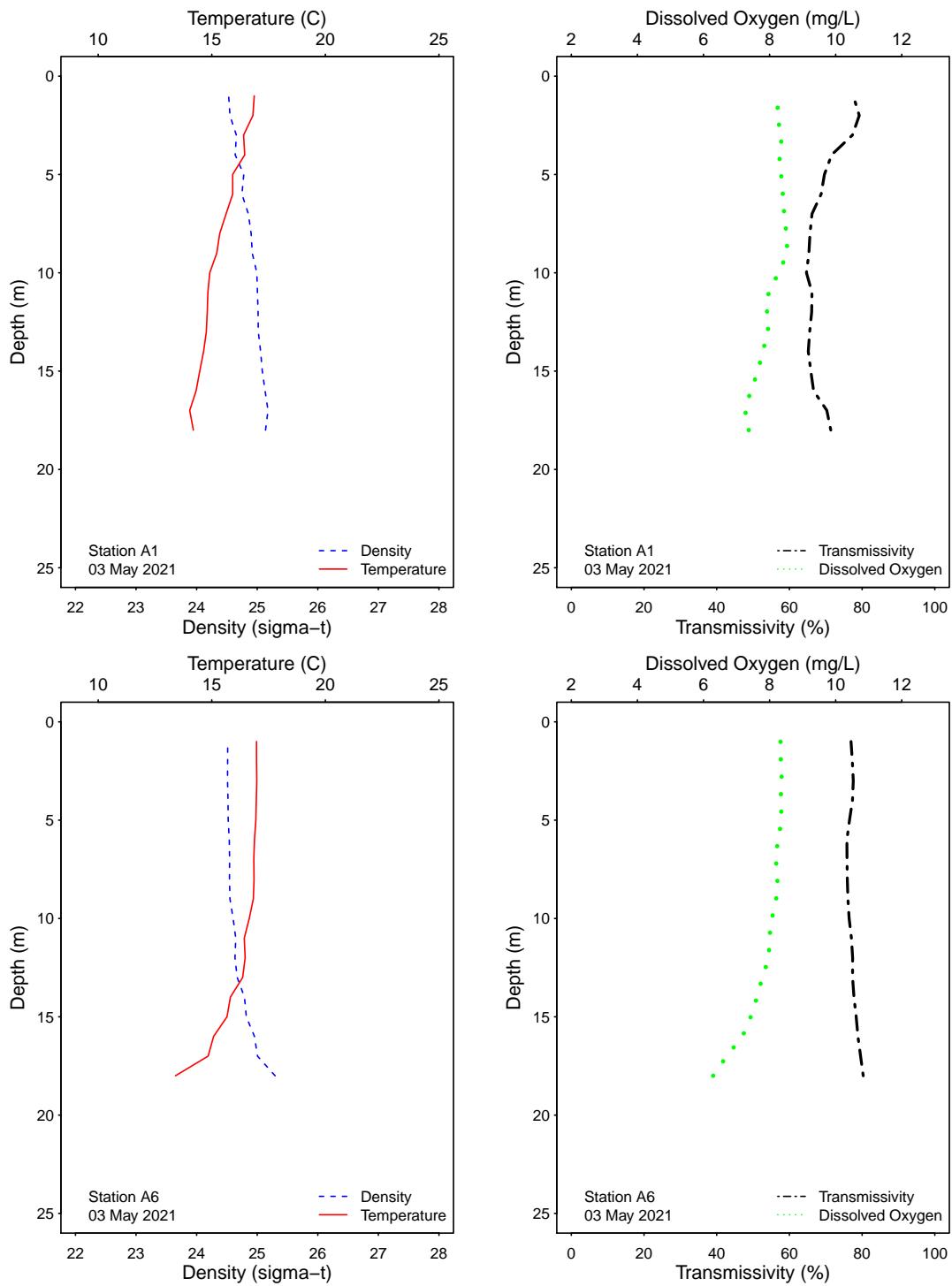


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

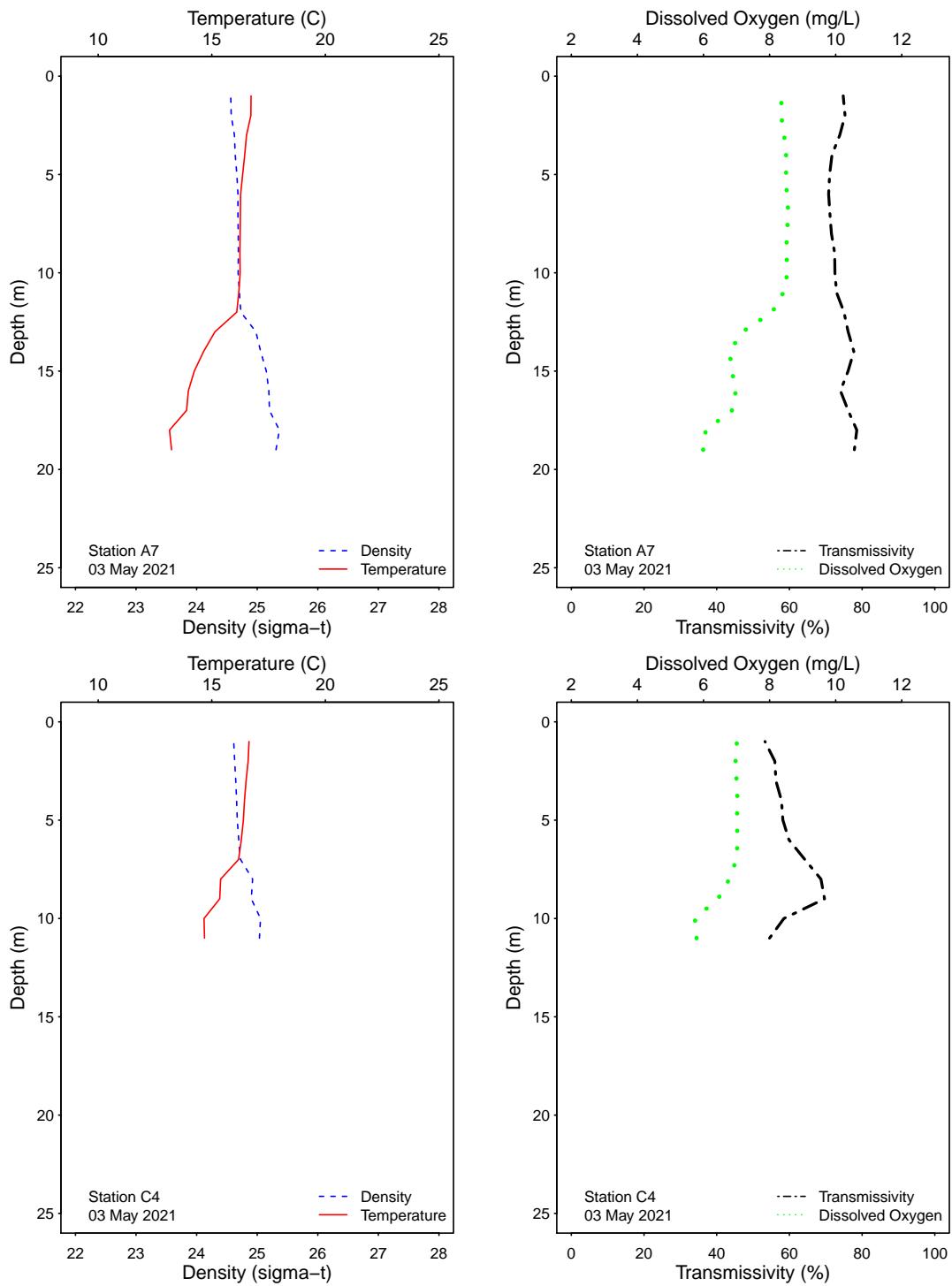


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

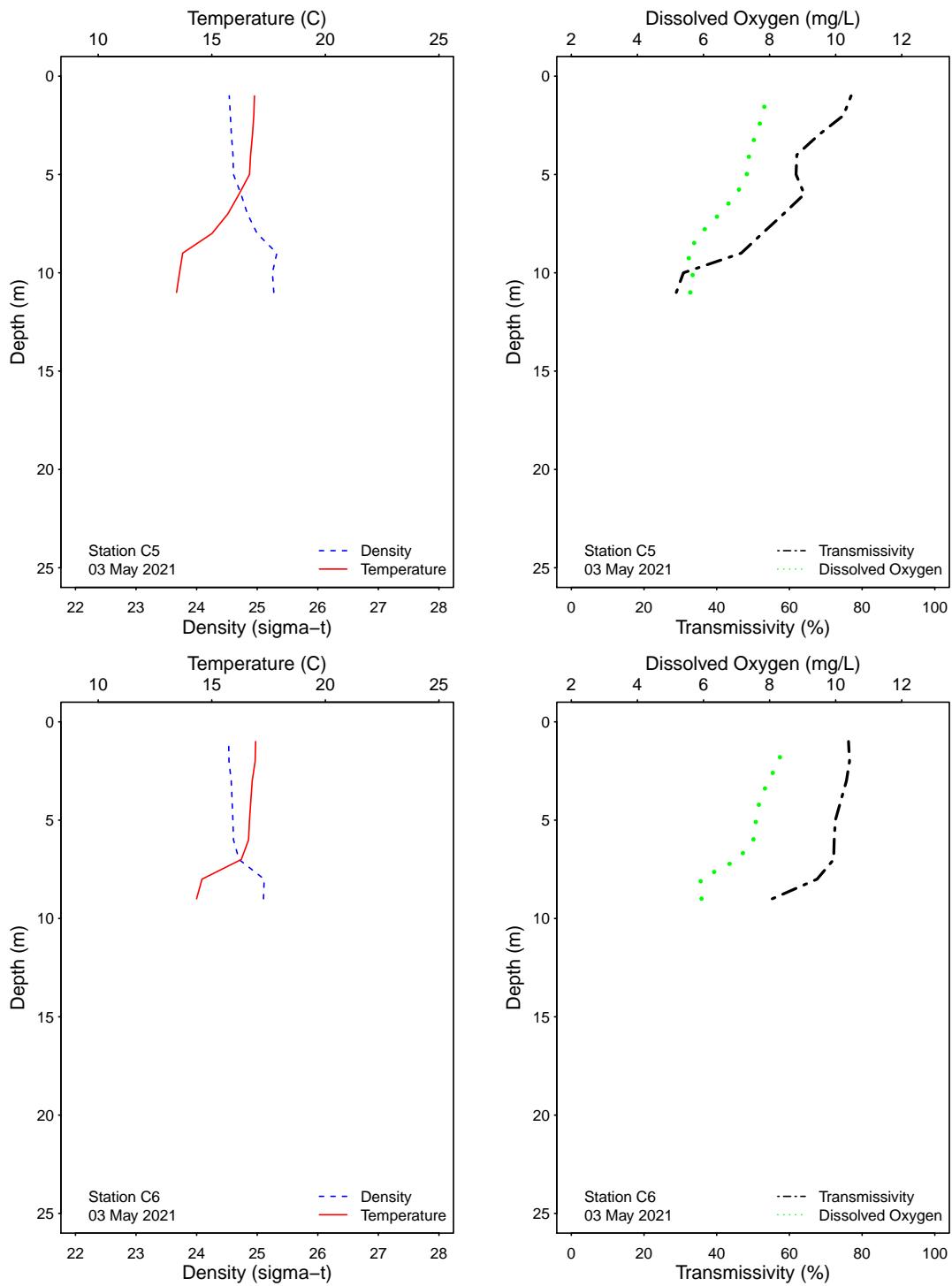


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

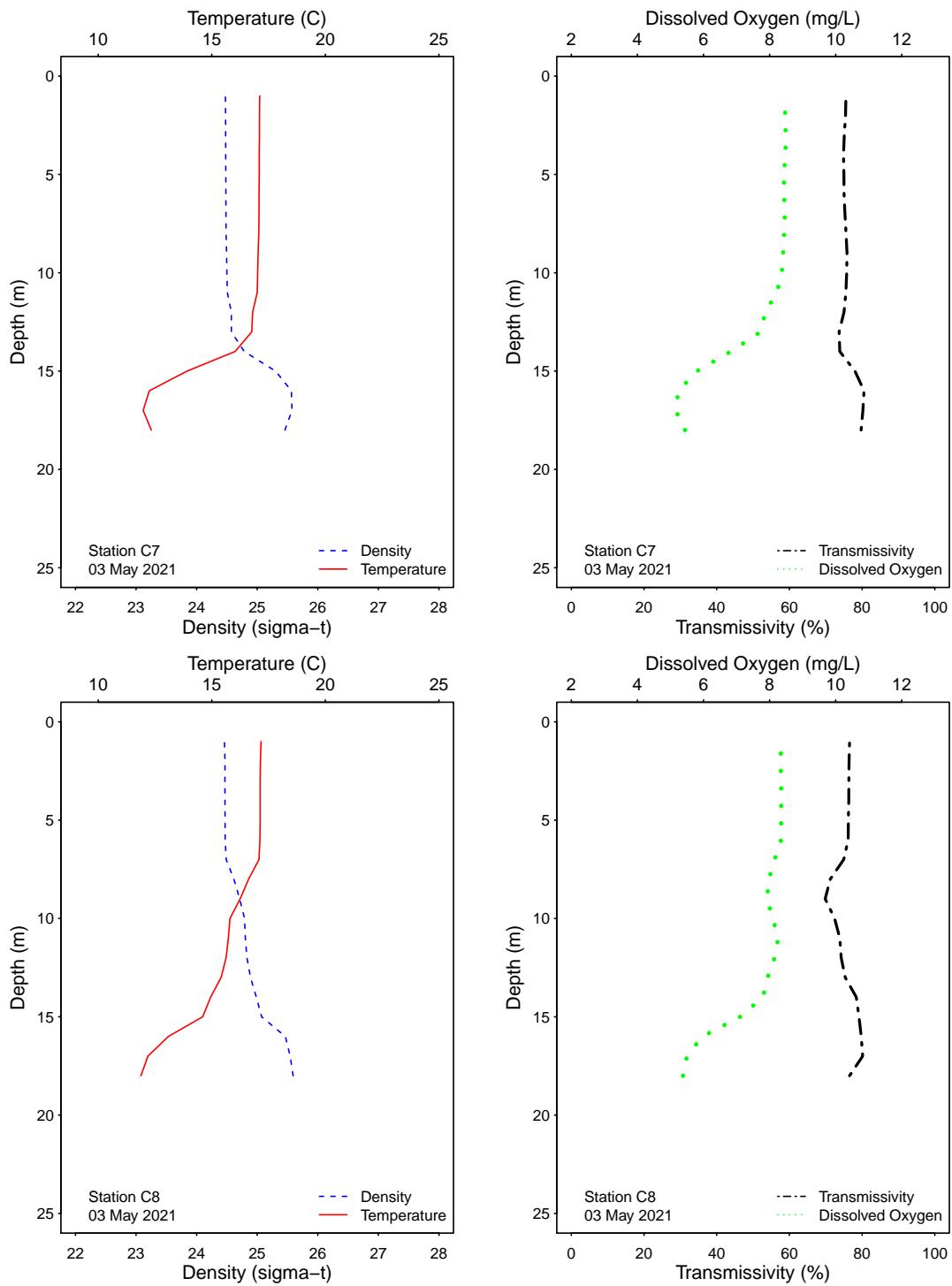


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

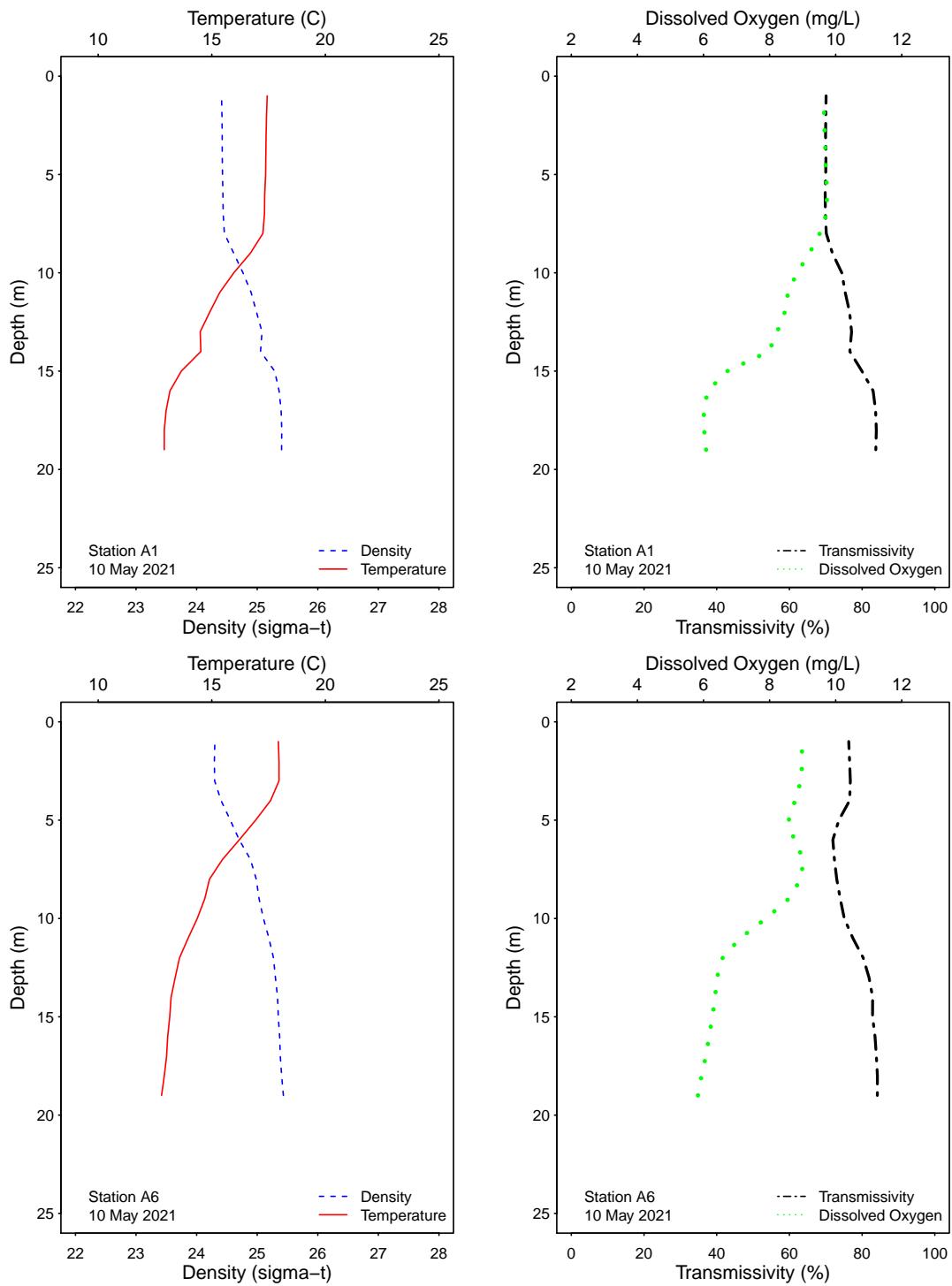


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

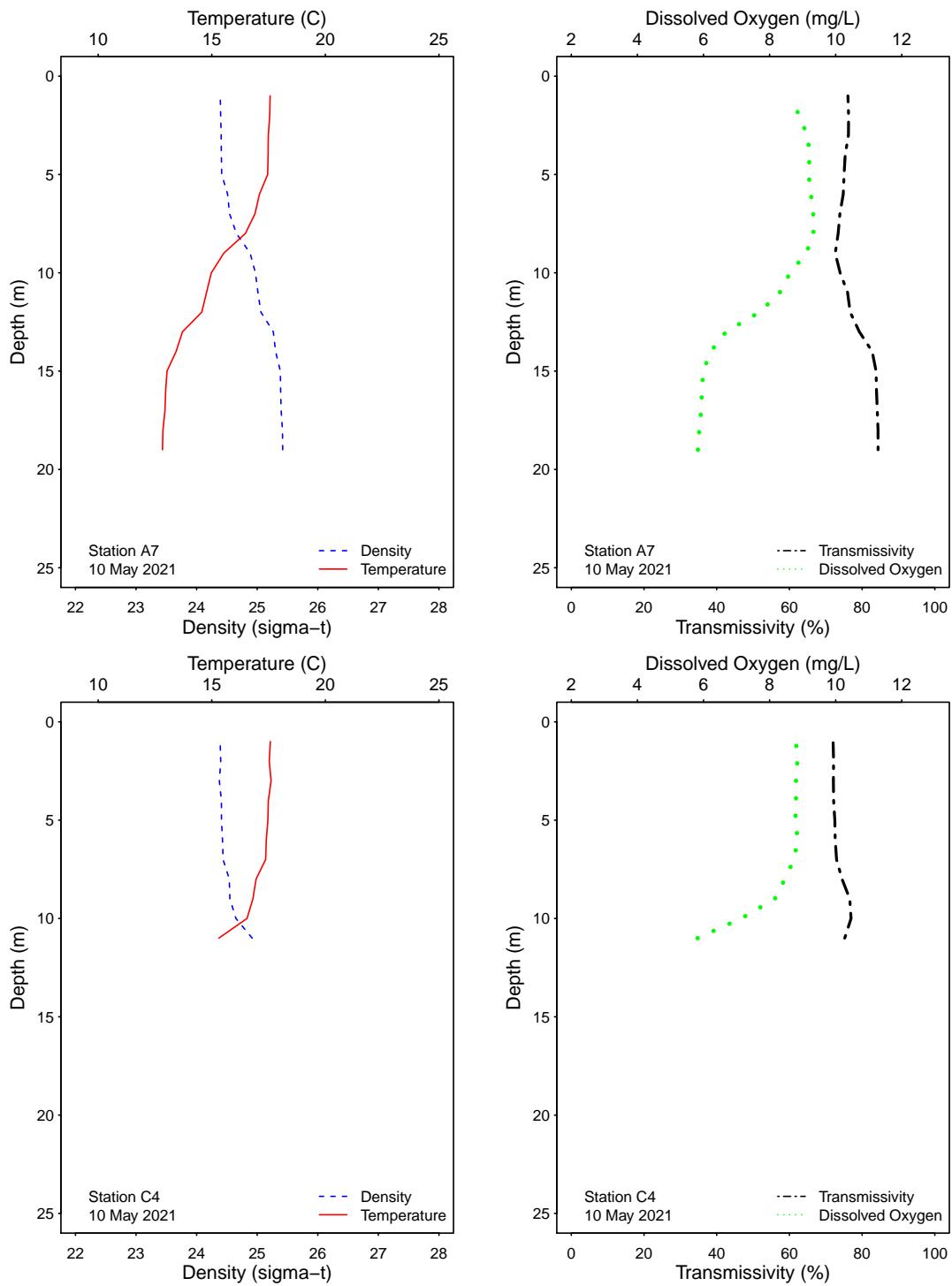


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

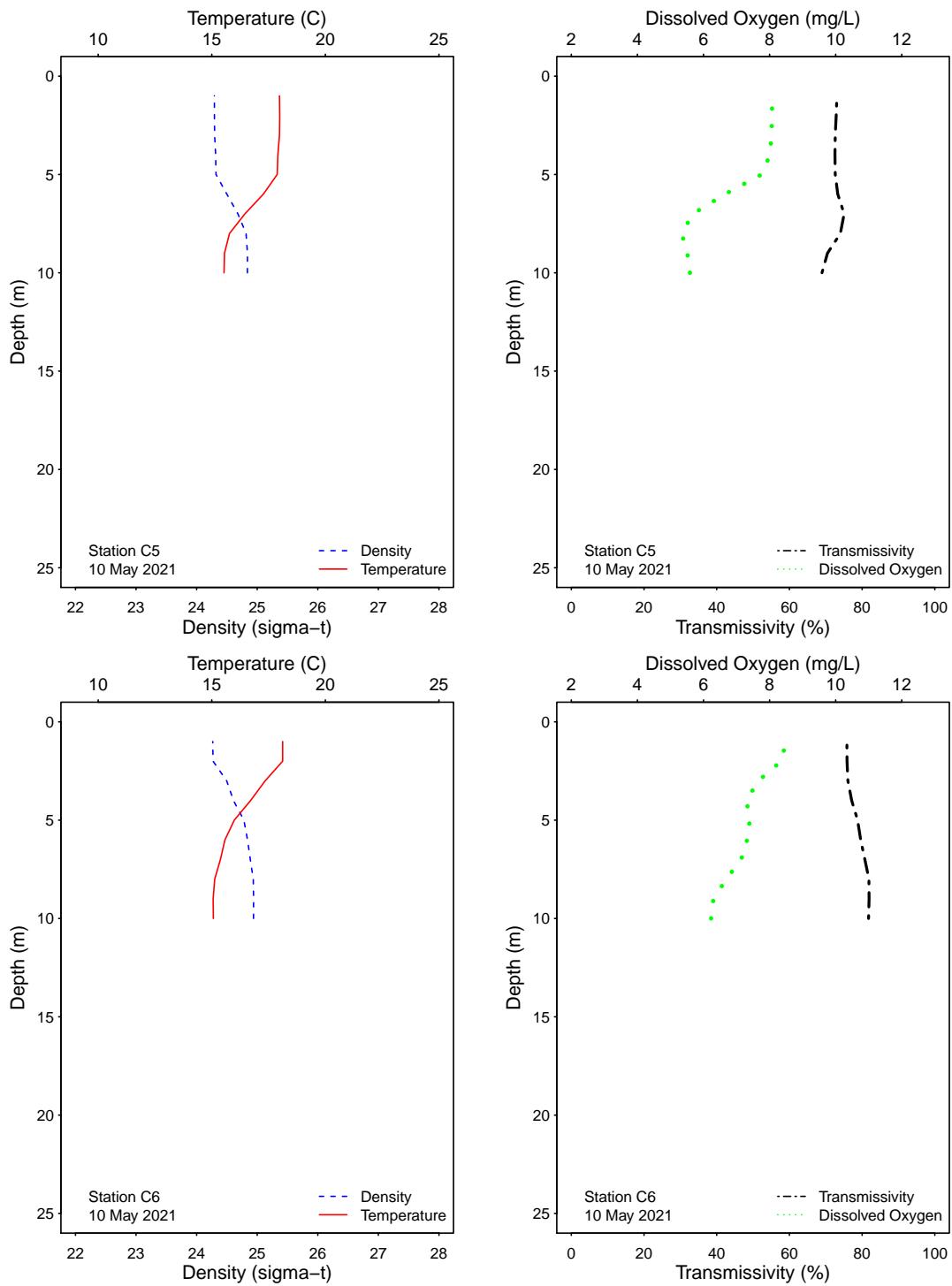


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

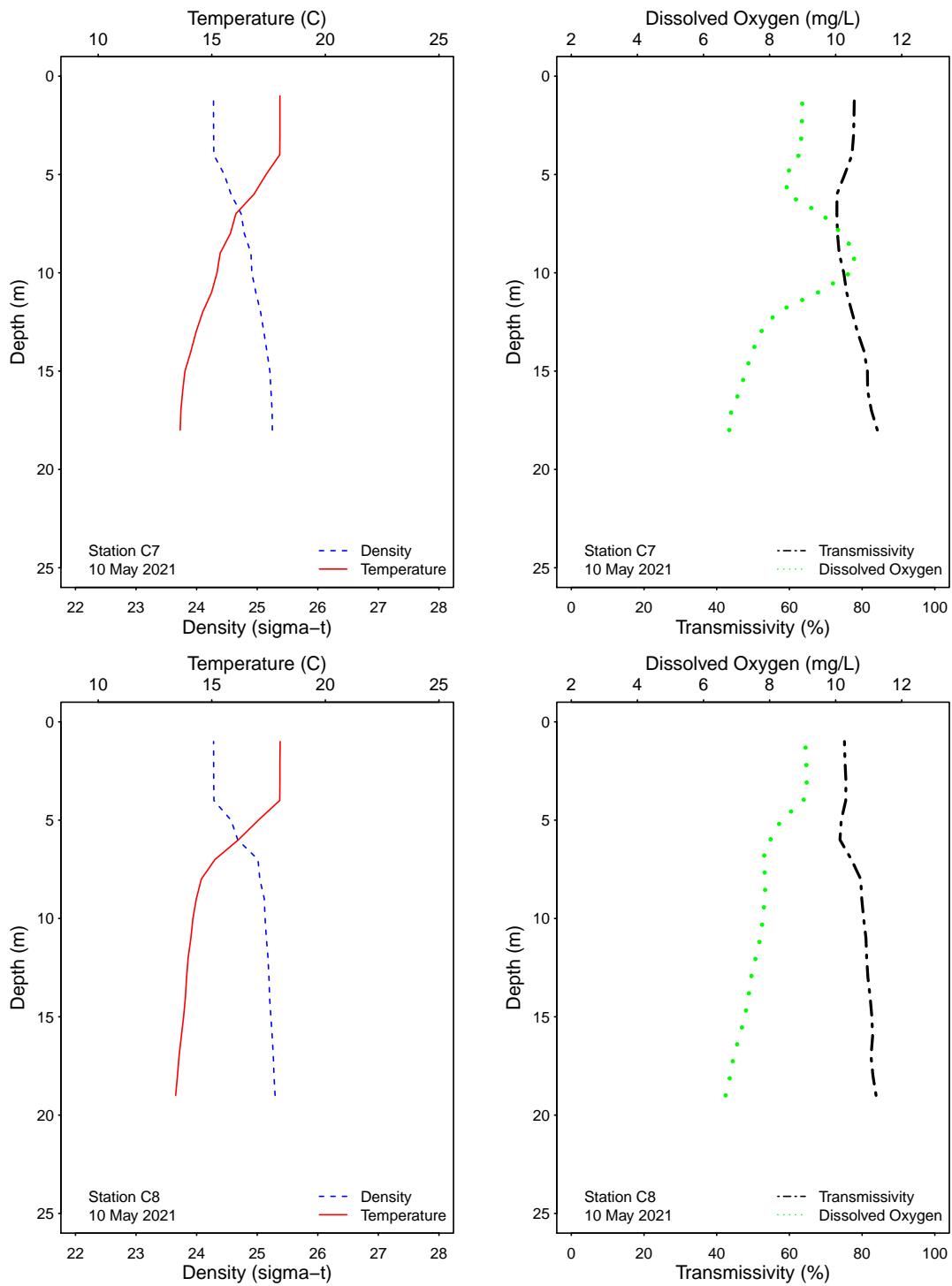


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

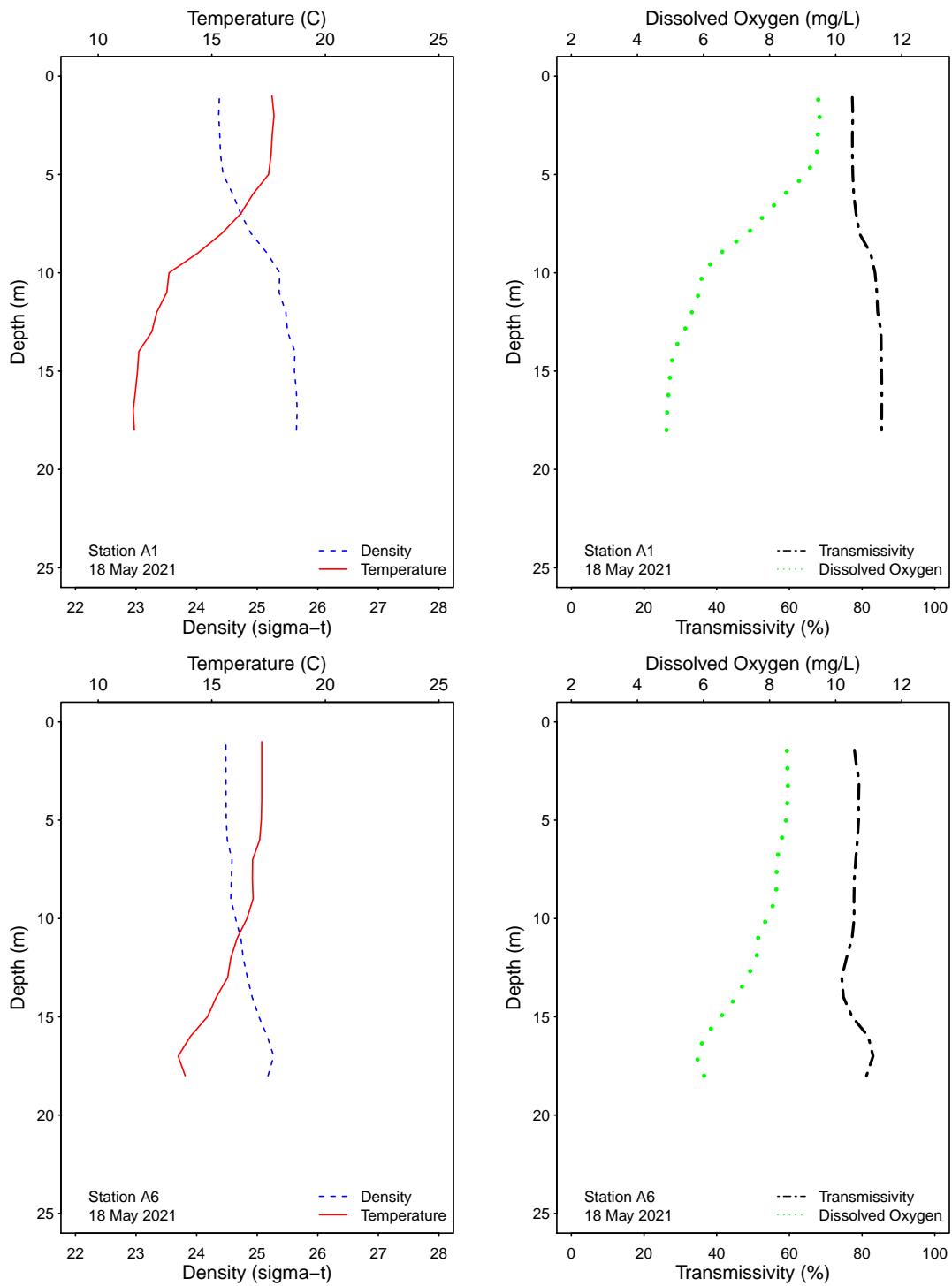


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

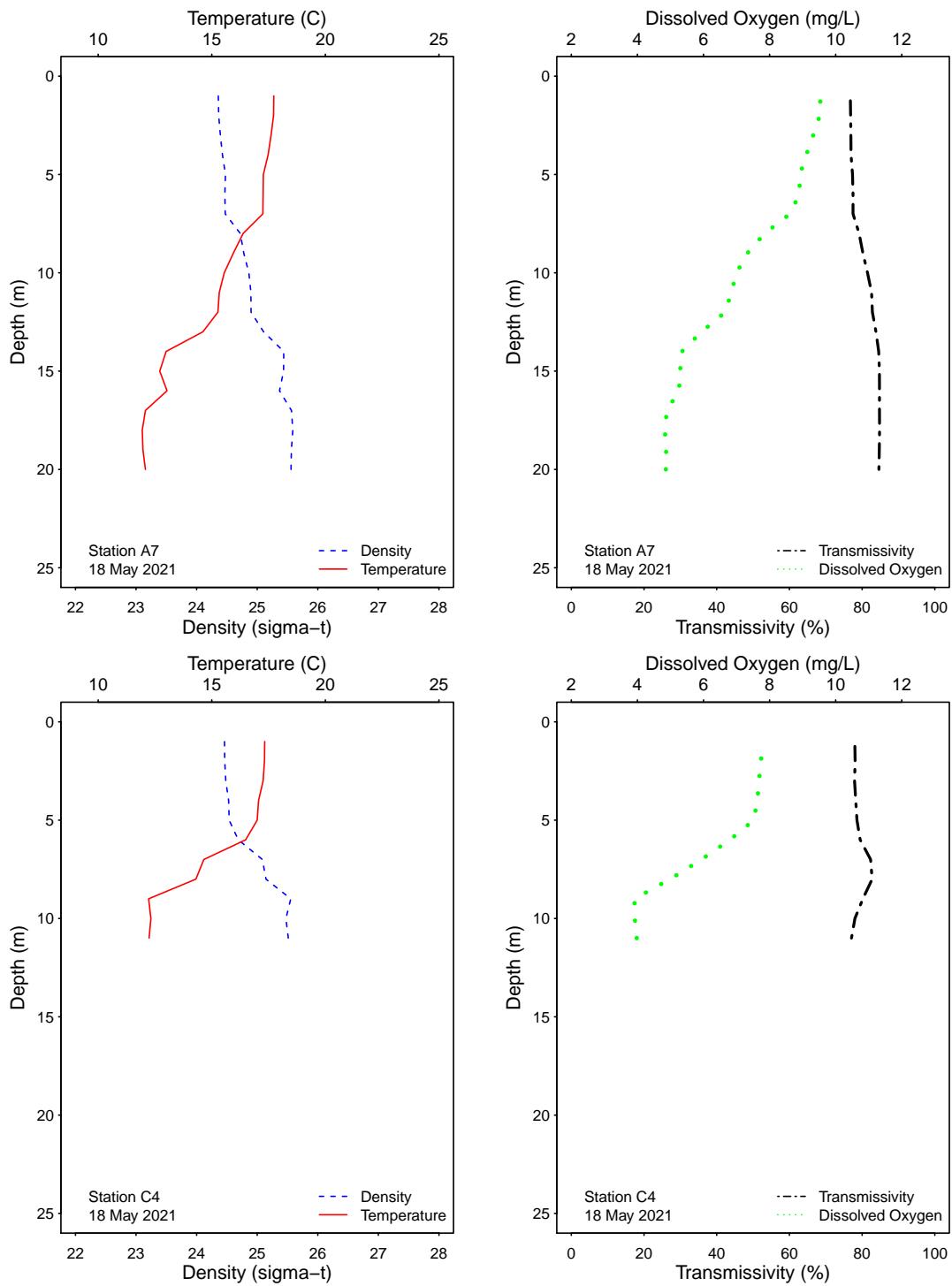


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

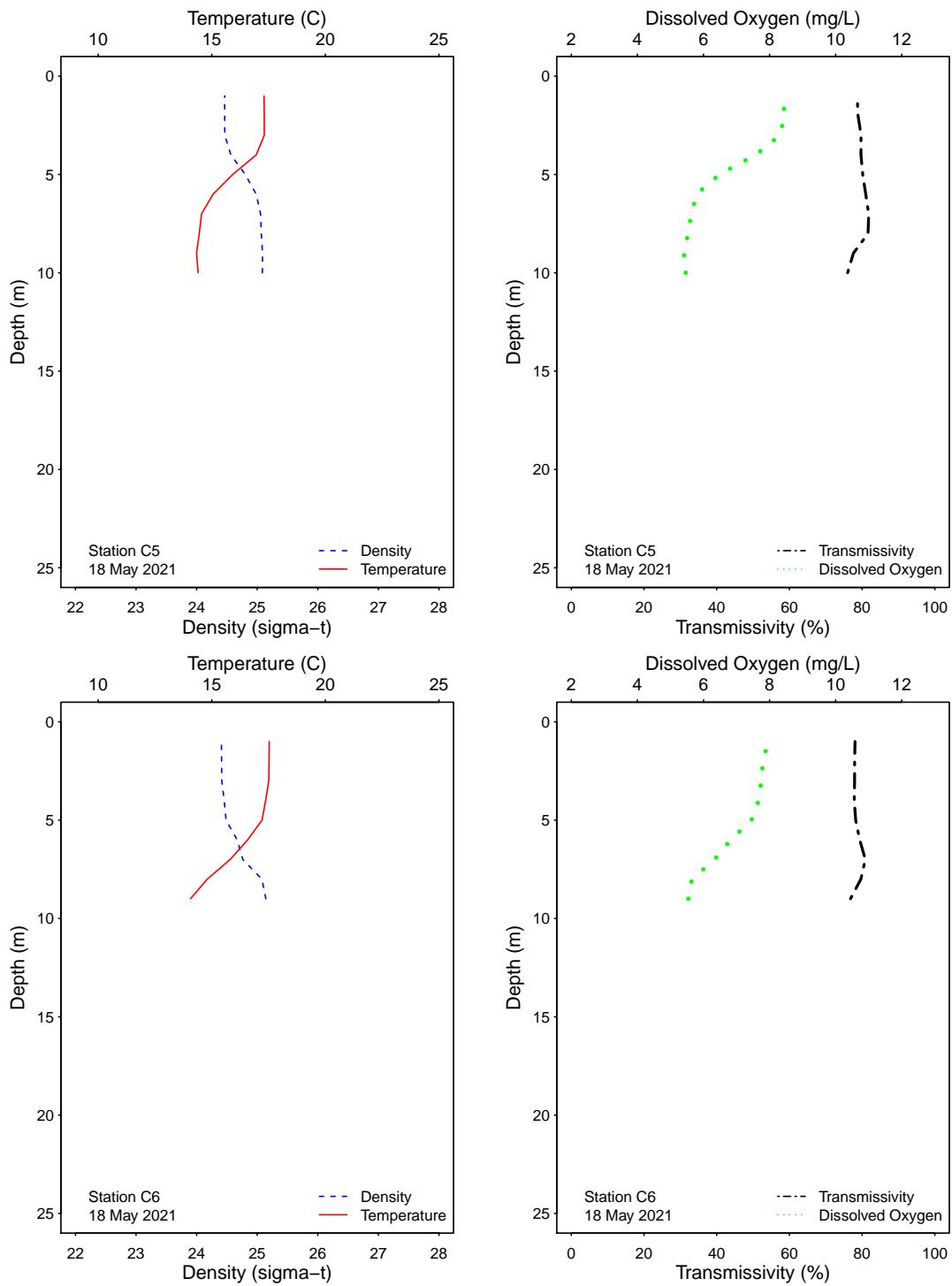


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

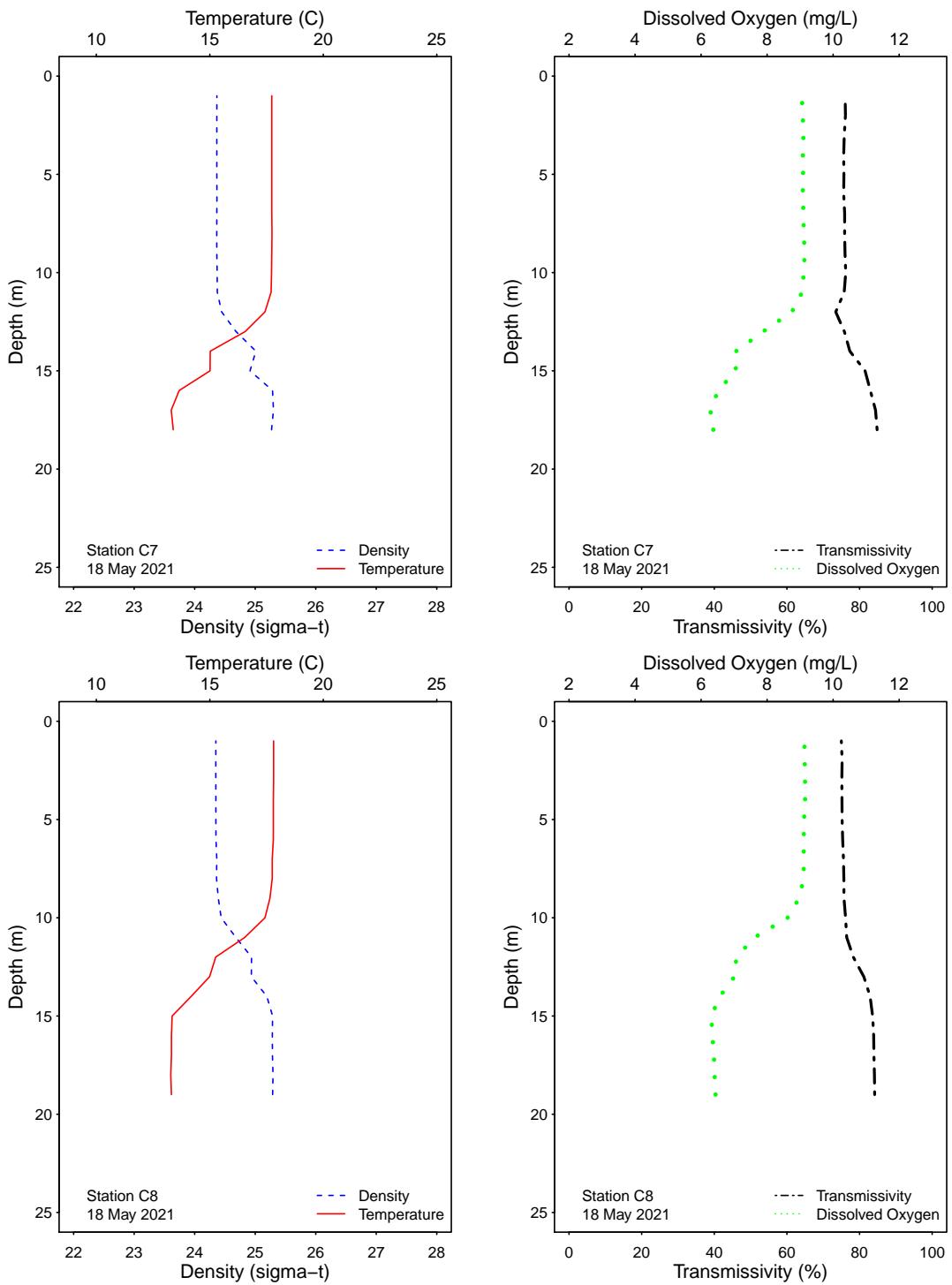


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

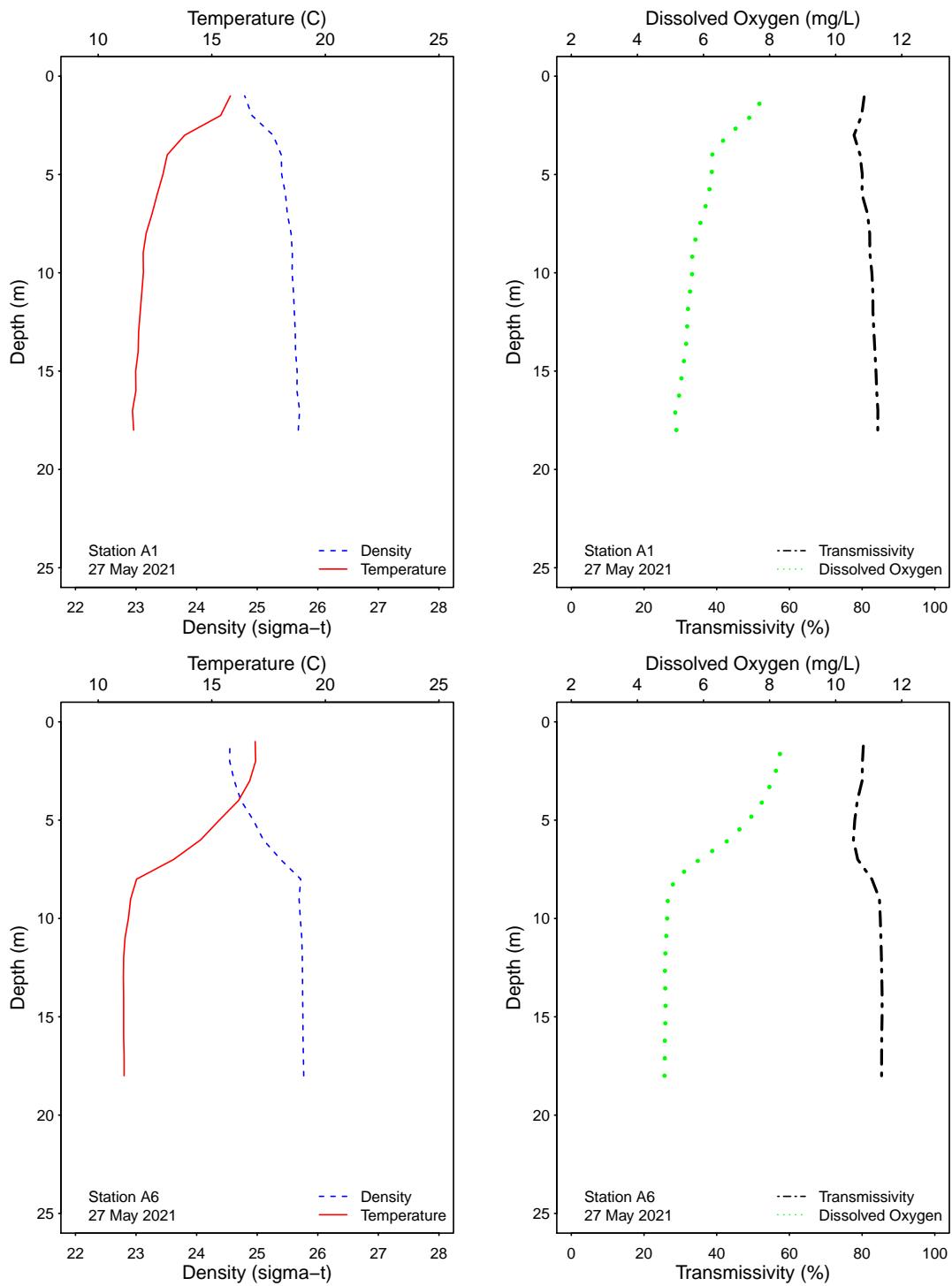


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

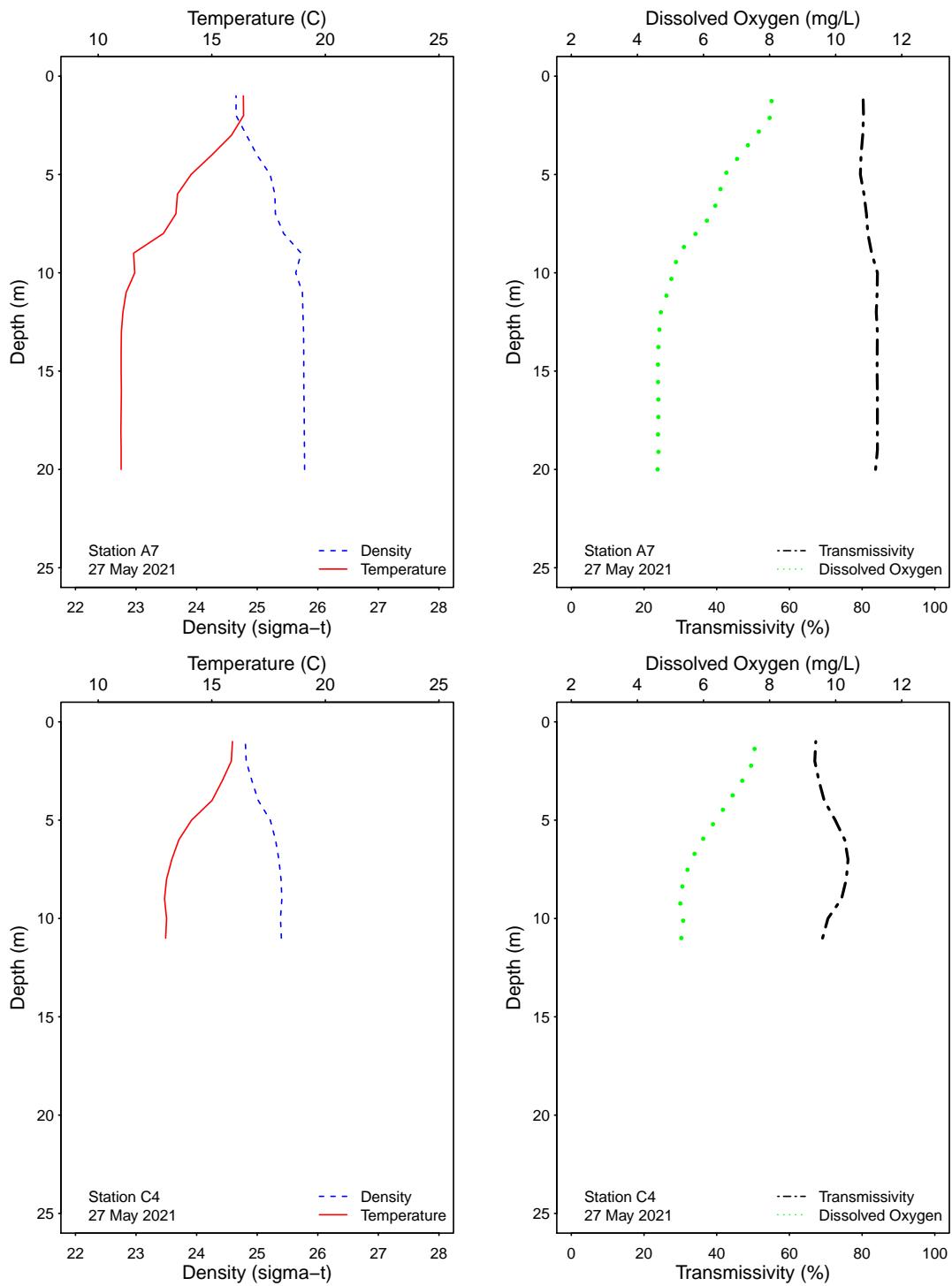


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

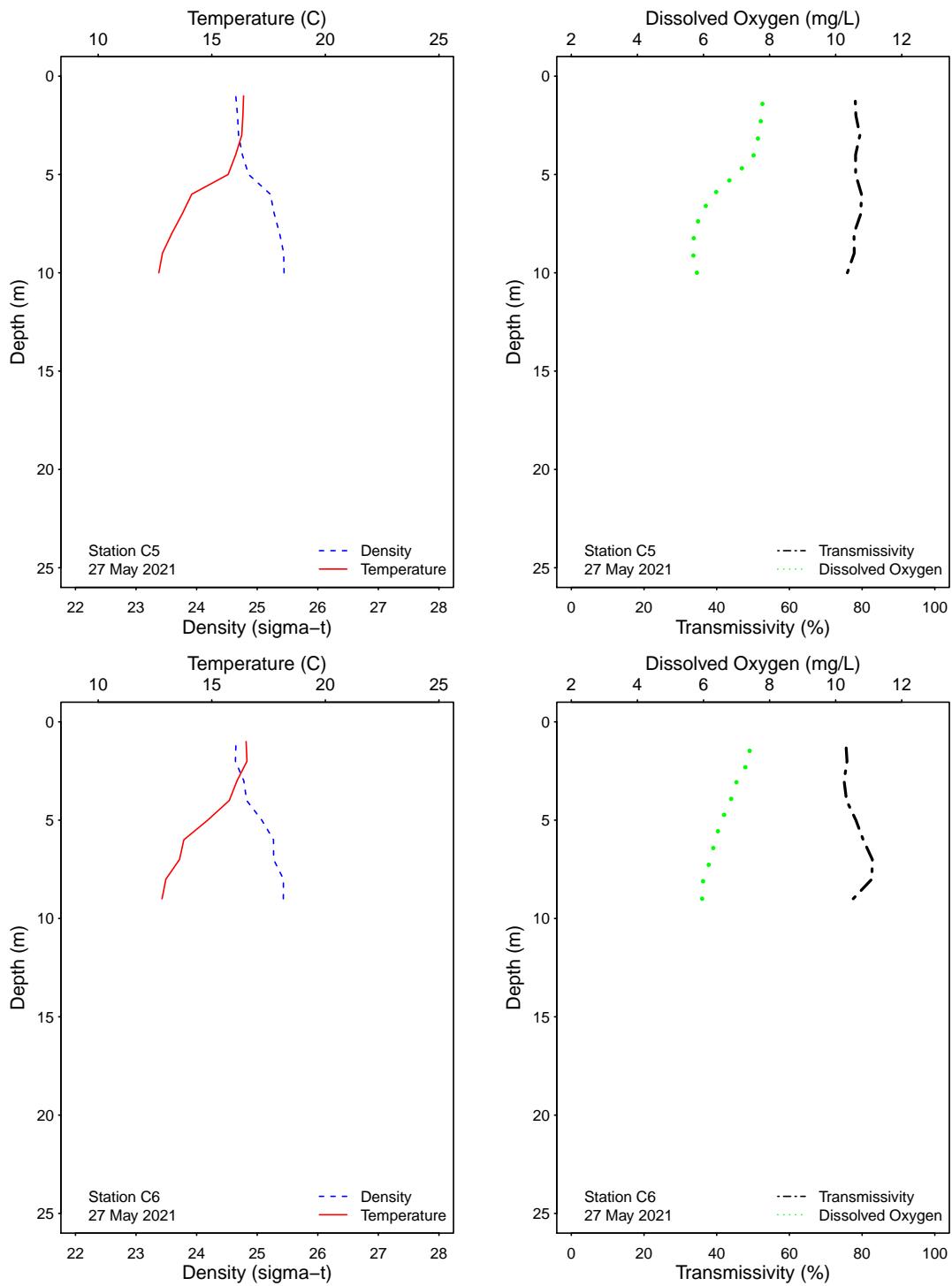


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

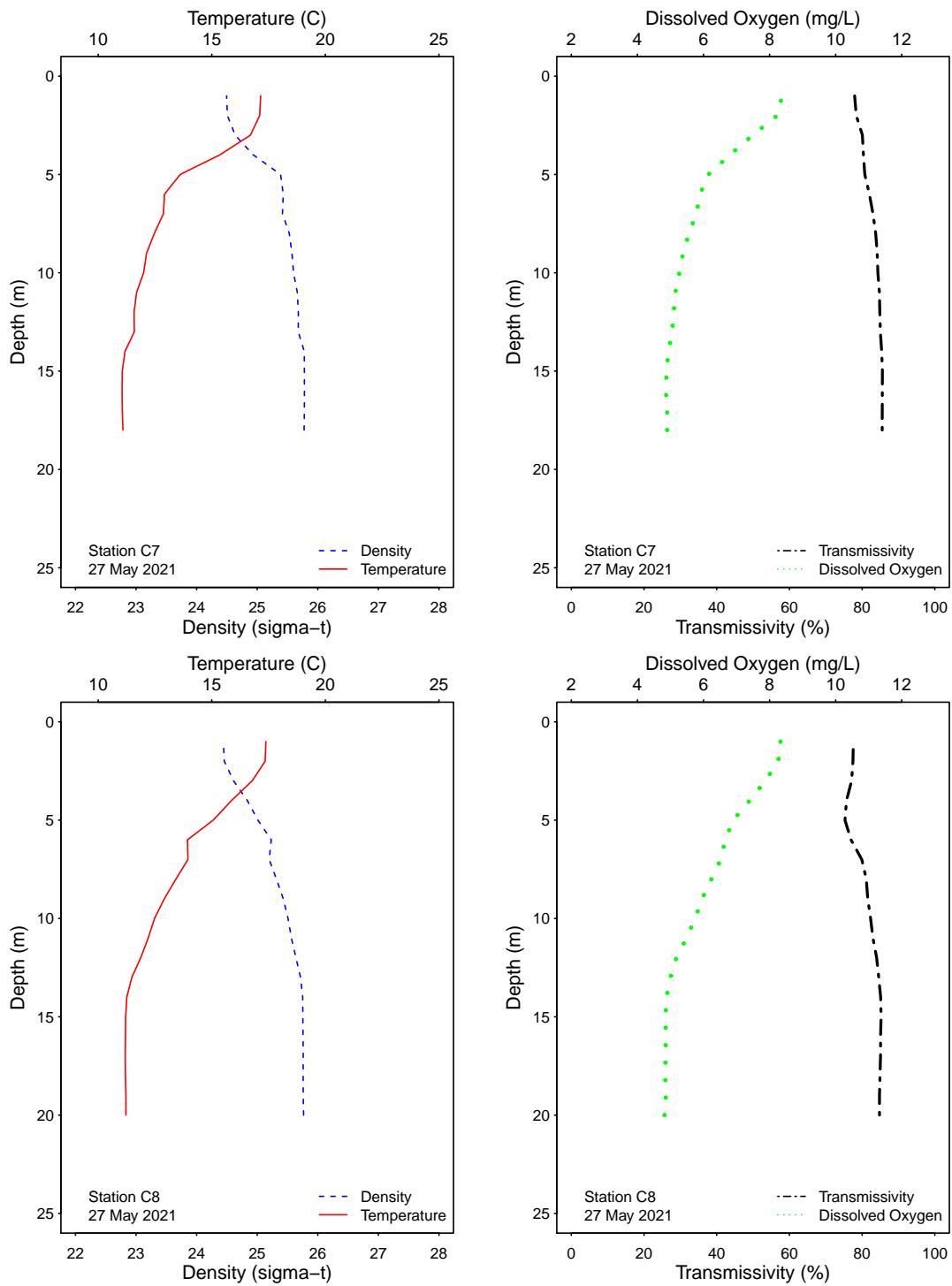


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

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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
12 May 2021	IC	ns	ns	ns											
13 May 2021	ns	IC	E	E											

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 4.2

Summary of water quality parameters at the PLOO offshore stations for each sample date. Density of *Enterococcus* (Enter) 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	Enter	Temp	XMS	DO	Sal	pH
F01	12 May 2021	1318	1	<2	18.0	71.45	10.4	33.72	8.4
F01	12 May 2021	1318	12	<2	17.7	70.30	9.5	33.73	8.4
F01	12 May 2021	1318	18	<2	13.7	81.29	6.4	33.72	8.1
F02	12 May 2021	858	1	<2	18.2	68.90	9.5	33.73	8.3
F02	12 May 2021	858	12	<2	15.1	74.91	7.3	33.69	8.1
F02	12 May 2021	858	18	<2	13.8	81.63	6.8	33.69	8.1
F03	12 May 2021	914	1	<2	18.4	71.11	10.0	33.73	8.4
F03	12 May 2021	914	12	<2	15.3	77.52	8.2	33.69	8.2
F03	12 May 2021	914	18	<2	14.1	80.10	7.3	33.70	8.1
F04	12 May 2021	1255	1	<2	17.3	83.68	8.6	33.67	8.2
F04	12 May 2021	1255	25	<2	12.8	82.65	6.0	33.72	8.0
F04	12 May 2021	1255	60	<2	11.1	85.91	4.7	33.72	7.9
F05	12 May 2021	1148	1	<2	17.5	82.28	9.9	33.70	8.3
F05	12 May 2021	1148	25	<2	12.5	82.54	6.8	33.63	8.0
F05	12 May 2021	1148	60	<2	11.0	84.78	4.7	33.72	7.8
F06	12 May 2021	1133	1	<2	17.8	77.71	10.7	33.72	8.4
F06	12 May 2021	1133	25	<2	12.8	77.54	7.6	33.61	8.1
F06	12 May 2021	1133	60	<2	11.0	85.10	4.7	33.73	7.9
F07	12 May 2021	1117	1	<2	17.7	76.52	10.4	33.72	8.4
F07	12 May 2021	1117	25	<2	12.7	84.42	6.4	33.68	8.0
F07	12 May 2021	1117	60	12e	10.9	84.59	4.5	33.74	7.8
F08	12 May 2021	1107	1	<2	17.5	79.93	9.8	33.71	8.4
F08	12 May 2021	1107	25	<2	13.1	83.23	6.3	33.71	8.0
F08	12 May 2021	1107	60	18e	10.9	84.21	4.6	33.74	7.8
F09	12 May 2021	1050	1	<2	17.9	71.81	10.6	33.73	8.4
F09	12 May 2021	1050	25	<2	12.2	85.66	6.9	33.62	8.0
F09	12 May 2021	1050	60	2e	10.9	85.33	4.5	33.75	7.8
F10	12 May 2021	1033	1	<2	18.1	71.67	10.6	33.73	8.4
F10	12 May 2021	1033	25	<2	12.5	82.58	7.1	33.61	8.1
F10	12 May 2021	1033	60	2e	10.9	85.03	4.4	33.75	7.8
F11	12 May 2021	1018	1	<2	17.9	73.92	11.0	33.72	8.4
F11	12 May 2021	1018	25	<2	12.6	81.97	7.5	33.62	8.1
F11	12 May 2021	1018	60	2e	10.9	86.53	4.5	33.74	7.8
F12	12 May 2021	1003	1	<2	18.0	68.98	8.7	33.74	8.3
F12	12 May 2021	1003	25	<2	12.7	83.46	7.8	33.64	8.1
F12	12 May 2021	1003	60	2e	10.9	87.33	4.6	33.74	7.8
F13	12 May 2021	943	1	<2	17.5	78.25	10.2	33.71	8.4
F13	12 May 2021	943	25	<2	12.5	84.60	7.5	33.66	8.1
F13	12 May 2021	943	60	<2	10.8	83.28	4.3	33.77	7.8
F14	12 May 2021	931	1	<2	17.2	81.78	9.4	33.71	8.3

Station	Date	Time	Depth	Enterο	Temp	XMS	DO	Sal	pH
F14	12 May 2021	931	25	<2	12.9	84.09	8.2	33.70	8.1
F14	12 May 2021	931	60	<2	10.8	83.51	4.2	33.77	7.8
F15	13 May 2021	1056	1	<2	17.3	84.21	8.5	33.66	8.2
F15	13 May 2021	1056	25	<2	12.8	84.33	7.9	33.67	8.0
F15	13 May 2021	1056	60	<2	11.1	87.84	5.6	33.67	7.9
F15	13 May 2021	1056	80	<2	10.7	82.00	4.2	33.80	7.8
F16	13 May 2021	1044	1	<2	17.3	84.16	8.5	33.67	8.2
F16	13 May 2021	1044	25	<2	13.2	83.63	8.3	33.71	8.1
F16	13 May 2021	1044	60	8e	11.1	87.70	5.3	33.69	7.8
F16	13 May 2021	1044	80	12e	10.7	80.59	4.3	33.78	7.8
F17	13 May 2021	1030	1	<2	17.3	84.00	8.5	33.67	8.2
F17	13 May 2021	1030	25	<2	12.6	85.03	7.7	33.65	8.0
F17	13 May 2021	1030	60	8e	11.2	87.71	5.4	33.68	7.8
F17	13 May 2021	1030	80	4e	10.8	80.21	4.3	33.76	7.8
F18	13 May 2021	1019	1	<2	17.6	81.82	9.1	33.70	8.2
F18	13 May 2021	1019	25	<2	13.0	84.14	8.0	33.70	8.0
F18	13 May 2021	1019	60	20e	11.1	86.45	4.8	33.69	7.8
F18	13 May 2021	1019	80	24e	10.8	83.95	4.5	33.76	7.8
F19	13 May 2021	1007	1	<2	17.9	76.26	9.8	33.72	8.3
F19	13 May 2021	1007	25	<2	12.7	84.58	7.6	33.63	8.0
F19	13 May 2021	1007	60	380e	11.2	86.59	5.0	33.71	7.8
F19	13 May 2021	1007	80	560	10.9	86.97	4.6	33.74	7.8
F20	13 May 2021	951	1	<2	18.0	72.64	9.9	33.72	8.3
F20	13 May 2021	951	25	<2	12.7	84.41	7.6	33.63	8.0
F20	13 May 2021	951	60	440	11.1	87.39	4.9	33.74	7.8
F20	13 May 2021	951	80	12e	10.9	87.41	4.6	33.76	7.8
F21	13 May 2021	940	1	<2	17.6	80.17	9.2	33.70	8.3
F21	13 May 2021	940	25	<2	12.6	84.35	7.4	33.63	8.0
F21	13 May 2021	940	60	2e	11.1	87.59	4.9	33.75	7.8
F21	13 May 2021	940	80	100e	10.8	86.36	4.5	33.76	7.8
F22	13 May 2021	927	1	<2	17.3	83.80	8.7	33.69	8.2
F22	13 May 2021	927	25	<2	12.8	84.58	7.6	33.67	8.0
F22	13 May 2021	927	60	2e	11.0	87.58	4.8	33.74	7.8
F22	13 May 2021	927	80	68	10.8	85.59	4.4	33.77	7.8
F23	13 May 2021	915	1	<2	17.2	83.39	8.7	33.67	8.2
F23	13 May 2021	915	25	<2	12.7	84.79	7.4	33.53	8.0
F23	13 May 2021	915	60	<2	11.1	87.48	4.9	33.75	7.8
F23	13 May 2021	915	80	78	10.8	87.28	4.6	33.78	7.8
F24	13 May 2021	853	1	<2	17.2	84.15	8.5	33.67	8.2
F24	13 May 2021	853	25	<2	12.7	84.46	7.5	33.53	8.0
F24	13 May 2021	853	60	<2	11.0	87.53	4.8	33.76	7.8
F24	13 May 2021	853	80	240e	10.8	85.73	4.4	33.78	7.8
F25	13 May 2021	839	1	<2	17.2	84.53	8.4	33.67	8.2
F25	13 May 2021	839	25	<2	13.0	84.16	7.8	33.51	8.0
F25	13 May 2021	839	60	<2	11.0	87.57	4.7	33.76	7.8
F25	13 May 2021	839	80	110	10.8	85.87	4.4	33.78	7.8
F26	11 May 2021	1120	1	<2	17.0	84.33	8.2	33.65	8.2
F26	11 May 2021	1120	25	<2	12.7	85.22	8.1	33.70	8.1
F26	11 May 2021	1120	60	<2	11.2	87.33	5.1	33.74	7.9

Station	Date	Time	Depth	Enter	Temp	XMS	DO	Sal	pH
F26	11 May 2021	1120	80	<2	11.0	87.42	5.0	33.74	7.8
F26	11 May 2021	1120	98	<2	10.5	86.69	4.4	33.82	7.8
F27	11 May 2021	1107	1	<2	17.0	84.13	8.2	33.65	8.2
F27	11 May 2021	1107	25	<2	12.5	84.75	7.7	33.61	8.1
F27	11 May 2021	1107	60	<2	11.2	87.35	5.0	33.75	7.9
F27	11 May 2021	1107	80	<2	11.0	87.35	4.9	33.75	7.8
F27	11 May 2021	1107	98	<2	10.4	85.98	4.3	33.84	7.8
F28	11 May 2021	1050	1	<2	17.1	84.62	8.3	33.66	8.2
F28	11 May 2021	1050	25	<2	12.5	85.30	7.8	33.65	8.0
F28	11 May 2021	1050	60	2e	11.0	87.39	4.9	33.76	7.8
F28	11 May 2021	1050	80	400	10.8	87.16	4.7	33.76	7.8
F28	11 May 2021	1050	98	4e	10.3	86.25	4.2	33.87	7.8
F29	11 May 2021	1038	1	<2	17.2	84.95	8.3	33.67	8.2
F29	11 May 2021	1038	25	<2	13.3	84.00	8.4	33.73	8.1
F29	11 May 2021	1038	60	<2	11.0	87.50	4.9	33.75	7.8
F29	11 May 2021	1038	80	180e	10.8	87.16	4.7	33.76	7.8
F29	11 May 2021	1038	98	<2	10.3	87.33	4.2	33.87	7.8
F30	11 May 2021	1019	1	<2	17.1	84.68	8.4	33.67	8.2
F30	11 May 2021	1019	25	<2	13.6	83.23	8.6	33.70	8.1
F30	11 May 2021	1019	60	700	10.6	79.11	4.6	33.65	7.8
F30	11 May 2021	1019	80	280e	10.5	78.90	4.3	33.68	7.8
F30	11 May 2021	1019	98	24e	10.2	86.50	4.2	33.88	7.8
F31	11 May 2021	1005	1	2e	17.1	84.56	8.4	33.67	8.2
F31	11 May 2021	1005	25	<2	13.3	84.68	8.4	33.71	8.1
F31	11 May 2021	1005	60	320e	10.8	86.99	4.7	33.76	7.8
F31	11 May 2021	1005	80	46	10.8	87.22	4.6	33.79	7.8
F31	11 May 2021	1005	98	2e	10.2	86.81	4.2	33.88	7.8
F32	11 May 2021	949	1	<2	17.0	84.23	8.6	33.68	8.2
F32	11 May 2021	949	25	<2	13.0	84.87	8.2	33.69	8.1
F32	11 May 2021	949	60	560	10.8	86.64	4.6	33.77	7.8
F32	11 May 2021	949	80	320e	10.7	87.44	4.6	33.80	7.8
F32	11 May 2021	949	98	<2	10.2	87.63	4.2	33.89	7.8
F33	11 May 2021	937	1	<2	17.1	84.37	8.7	33.69	8.2
F33	11 May 2021	937	25	<2	13.5	83.95	8.6	33.70	8.1
F33	11 May 2021	937	60	26e	10.8	87.27	4.6	33.79	7.8
F33	11 May 2021	937	80	<2	10.5	86.62	4.3	33.79	7.8
F33	11 May 2021	937	98	340e	10.2	87.76	4.1	33.90	7.8
F34	11 May 2021	914	1	2e	17.0	83.93	9.2	33.70	8.2
F34	11 May 2021	914	25	<2	12.8	84.82	8.0	33.71	8.1
F34	11 May 2021	914	60	100	10.7	86.94	4.5	33.79	7.8
F34	11 May 2021	914	80	22e	10.4	86.95	4.3	33.84	7.8
F34	11 May 2021	914	98	4e	10.1	87.76	4.2	33.90	7.8
F35	11 May 2021	854	1	<2	17.0	83.23	9.6	33.72	8.3
F35	11 May 2021	854	25	<2	12.9	84.66	8.0	33.69	8.0
F35	11 May 2021	854	60	<2	10.7	87.84	4.5	33.81	7.8
F35	11 May 2021	854	80	<2	10.5	87.85	4.3	33.84	7.8
F35	11 May 2021	854	98	<2	10.0	87.84	4.1	33.91	7.8
F36	11 May 2021	837	1	<2	17.1	80.42	10.7	33.73	8.3
F36	11 May 2021	837	25	<2	12.6	84.93	7.7	33.62	8.0
F36	11 May 2021	837	60	<2	10.6	87.25	4.4	33.82	7.8
F36	11 May 2021	837	80	<2	10.3	87.93	4.2	33.88	7.8

Station	Date	Time	Depth	Enterο	Temp	XMS	DO	Sal	pH
F36	11 May 2021	837	98	<2	10.1	87.00	4.0	33.92	7.8

ns = not sampled

ND = no data

Table 4.3

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

Station	Date	Parameter	Value
F01	12 May 2021	Depth (m)	19
F01	12 May 2021	Arrive Time	1318
F01	12 May 2021	Depart Time	1321
F01	12 May 2021	Air Temp (C)	16.4
F01	12 May 2021	Weather	Overcast
F01	12 May 2021	Visibility (mi)	12
F01	12 May 2021	Wind Speed (kts)	5.6
F01	12 May 2021	Wind Dir	S
F01	12 May 2021	Water Color	Green
F01	12 May 2021	Wave Ht Low (ft)	3
F01	12 May 2021	Wave Period (sec)	15
F01	12 May 2021	Sea State	Light Chop
F01	12 May 2021	High Tide (ft)	5.44646
F01	12 May 2021	High Tide Time	2130
F01	12 May 2021	Low Tide (ft)	-0.42653
F01	12 May 2021	Low Tide Time	412
F01	12 May 2021	Comments	none
F02	12 May 2021	Depth (m)	20.5
F02	12 May 2021	Arrive Time	858
F02	12 May 2021	Depart Time	903
F02	12 May 2021	Air Temp (C)	16.2
F02	12 May 2021	Weather	Overcast
F02	12 May 2021	Visibility (mi)	7
F02	12 May 2021	Wind Speed (kts)	0.3
F02	12 May 2021	Wind Dir	NE
F02	12 May 2021	Water Color	Green
F02	12 May 2021	Wave Ht Low (ft)	3
F02	12 May 2021	Wave Period (sec)	15
F02	12 May 2021	Sea State	Wind Ripples
F02	12 May 2021	High Tide (ft)	5.44646
F02	12 May 2021	High Tide Time	2130
F02	12 May 2021	Low Tide (ft)	-0.42653
F02	12 May 2021	Low Tide Time	412
F02	12 May 2021	Comments	none
F03	12 May 2021	Depth (m)	19.9
F03	12 May 2021	Arrive Time	914
F03	12 May 2021	Depart Time	918
F03	12 May 2021	Air Temp (C)	16.5
F03	12 May 2021	Weather	Overcast
F03	12 May 2021	Visibility (mi)	7
F03	12 May 2021	Wind Speed (kts)	0
F03	12 May 2021	Wind Dir	E
F03	12 May 2021	Water Color	Green
F03	12 May 2021	Wave Ht Low (ft)	3
F03	12 May 2021	Wave Period (sec)	15
F03	12 May 2021	Sea State	Wind Ripples
F03	12 May 2021	High Tide (ft)	5.44646
F03	12 May 2021	High Tide Time	2130
F03	12 May 2021	Low Tide (ft)	-0.42653
F03	12 May 2021	Low Tide Time	412
F03	12 May 2021	Comments	Kelp; Kelp Debris
F04	12 May 2021	Depth (m)	61.4
F04	12 May 2021	Arrive Time	1255

Station	Date	Parameter	Value
F04	12 May 2021	Depart Time	1302
F04	12 May 2021	Air Temp (C)	16.2
F04	12 May 2021	Weather	Overcast
F04	12 May 2021	Visibility (mi)	12
F04	12 May 2021	Wind Speed (kts)	6.8
F04	12 May 2021	Wind Dir	SE
F04	12 May 2021	Water Color	Blueish-Green
F04	12 May 2021	Wave Ht Low (ft)	3
F04	12 May 2021	Wave Period (sec)	15
F04	12 May 2021	Sea State	Light Chop
F04	12 May 2021	High Tide (ft)	5.44646
F04	12 May 2021	High Tide Time	2130
F04	12 May 2021	Low Tide (ft)	-0.42653
F04	12 May 2021	Low Tide Time	412
F04	12 May 2021	Comments	Navy vessel on station; Waited for their departure before sampling
F05	12 May 2021	Depth (m)	61.4
F05	12 May 2021	Arrive Time	1148
F05	12 May 2021	Depart Time	1153
F05	12 May 2021	Air Temp (C)	16.2
F05	12 May 2021	Weather	Overcast
F05	12 May 2021	Visibility (mi)	7
F05	12 May 2021	Wind Speed (kts)	7.2
F05	12 May 2021	Wind Dir	S
F05	12 May 2021	Water Color	Green
F05	12 May 2021	Wave Ht Low (ft)	3
F05	12 May 2021	Wave Period (sec)	15
F05	12 May 2021	Sea State	Wind Ripples
F05	12 May 2021	High Tide (ft)	5.44646
F05	12 May 2021	High Tide Time	2130
F05	12 May 2021	Low Tide (ft)	-0.42653
F05	12 May 2021	Low Tide Time	412
F05	12 May 2021	Comments	none
F06	12 May 2021	Depth (m)	61.6
F06	12 May 2021	Arrive Time	1133
F06	12 May 2021	Depart Time	1138
F06	12 May 2021	Air Temp (C)	16.3
F06	12 May 2021	Weather	Overcast
F06	12 May 2021	Visibility (mi)	7
F06	12 May 2021	Wind Speed (kts)	6.1
F06	12 May 2021	Wind Dir	S
F06	12 May 2021	Water Color	Green
F06	12 May 2021	Wave Ht Low (ft)	3
F06	12 May 2021	Wave Period (sec)	15
F06	12 May 2021	Sea State	Wind Ripples
F06	12 May 2021	High Tide (ft)	5.44646
F06	12 May 2021	High Tide Time	2130
F06	12 May 2021	Low Tide (ft)	-0.42653
F06	12 May 2021	Low Tide Time	412
F06	12 May 2021	Comments	none
F07	12 May 2021	Depth (m)	64
F07	12 May 2021	Arrive Time	1117
F07	12 May 2021	Depart Time	1122
F07	12 May 2021	Air Temp (C)	16.5
F07	12 May 2021	Weather	Overcast
F07	12 May 2021	Visibility (mi)	7
F07	12 May 2021	Wind Speed (kts)	0
F07	12 May 2021	Wind Dir	W

Station	Date	Parameter	Value
F07	12 May 2021	Water Color	Green
F07	12 May 2021	Wave Ht Low (ft)	3
F07	12 May 2021	Wave Period (sec)	15
F07	12 May 2021	Sea State	Wind Ripples
F07	12 May 2021	High Tide (ft)	5.44646
F07	12 May 2021	High Tide Time	2130
F07	12 May 2021	Low Tide (ft)	-0.42653
F07	12 May 2021	Low Tide Time	412
F07	12 May 2021	Comments	none
F08	12 May 2021	Depth (m)	60.7
F08	12 May 2021	Arrive Time	1107
F08	12 May 2021	Depart Time	1110
F08	12 May 2021	Air Temp (C)	16.7
F08	12 May 2021	Weather	Overcast
F08	12 May 2021	Visibility (mi)	7
F08	12 May 2021	Wind Speed (kts)	3.1
F08	12 May 2021	Wind Dir	W
F08	12 May 2021	Water Color	Green
F08	12 May 2021	Wave Ht Low (ft)	3
F08	12 May 2021	Wave Period (sec)	15
F08	12 May 2021	Sea State	Wind Ripples
F08	12 May 2021	High Tide (ft)	5.44646
F08	12 May 2021	High Tide Time	2130
F08	12 May 2021	Low Tide (ft)	-0.42653
F08	12 May 2021	Low Tide Time	412
F08	12 May 2021	Comments	none
F09	12 May 2021	Depth (m)	62.5
F09	12 May 2021	Arrive Time	1050
F09	12 May 2021	Depart Time	1055
F09	12 May 2021	Air Temp (C)	16.7
F09	12 May 2021	Weather	Overcast
F09	12 May 2021	Visibility (mi)	7
F09	12 May 2021	Wind Speed (kts)	0
F09	12 May 2021	Wind Dir	SW
F09	12 May 2021	Water Color	Green
F09	12 May 2021	Wave Ht Low (ft)	3
F09	12 May 2021	Wave Period (sec)	15
F09	12 May 2021	Sea State	Calm
F09	12 May 2021	High Tide (ft)	5.44646
F09	12 May 2021	High Tide Time	2130
F09	12 May 2021	Low Tide (ft)	-0.42653
F09	12 May 2021	Low Tide Time	412
F09	12 May 2021	Comments	none
F10	12 May 2021	Depth (m)	61.9
F10	12 May 2021	Arrive Time	1033
F10	12 May 2021	Depart Time	1040
F10	12 May 2021	Air Temp (C)	16.5
F10	12 May 2021	Weather	Overcast
F10	12 May 2021	Visibility (mi)	7
F10	12 May 2021	Wind Speed (kts)	0
F10	12 May 2021	Wind Dir	NE
F10	12 May 2021	Water Color	Green
F10	12 May 2021	Wave Ht Low (ft)	3
F10	12 May 2021	Wave Period (sec)	15
F10	12 May 2021	Sea State	Calm
F10	12 May 2021	High Tide (ft)	5.44646
F10	12 May 2021	High Tide Time	2130
F10	12 May 2021	Low Tide (ft)	-0.42653

Station	Date	Parameter	Value
F10	12 May 2021	Low Tide Time	412
F10	12 May 2021	Comments	none
F11	12 May 2021	Depth (m)	61.4
F11	12 May 2021	Arrive Time	1018
F11	12 May 2021	Depart Time	1025
F11	12 May 2021	Air Temp (C)	16.5
F11	12 May 2021	Weather	Overcast
F11	12 May 2021	Visibility (mi)	7
F11	12 May 2021	Wind Speed (kts)	0
F11	12 May 2021	Wind Dir	NE
F11	12 May 2021	Water Color	Green
F11	12 May 2021	Wave Ht Low (ft)	3
F11	12 May 2021	Wave Period (sec)	15
F11	12 May 2021	Sea State	Calm
F11	12 May 2021	High Tide (ft)	5.44646
F11	12 May 2021	High Tide Time	2130
F11	12 May 2021	Low Tide (ft)	-0.42653
F11	12 May 2021	Low Tide Time	412
F11	12 May 2021	Comments	none
F12	12 May 2021	Depth (m)	62.3
F12	12 May 2021	Arrive Time	1003
F12	12 May 2021	Depart Time	1011
F12	12 May 2021	Air Temp (C)	16.7
F12	12 May 2021	Weather	Overcast
F12	12 May 2021	Visibility (mi)	7
F12	12 May 2021	Wind Speed (kts)	0
F12	12 May 2021	Wind Dir	NE
F12	12 May 2021	Water Color	Green
F12	12 May 2021	Wave Ht Low (ft)	3
F12	12 May 2021	Wave Period (sec)	15
F12	12 May 2021	Sea State	Calm
F12	12 May 2021	High Tide (ft)	5.44646
F12	12 May 2021	High Tide Time	2130
F12	12 May 2021	Low Tide (ft)	-0.42653
F12	12 May 2021	Low Tide Time	412
F12	12 May 2021	Comments	none
F13	12 May 2021	Depth (m)	61.4
F13	12 May 2021	Arrive Time	943
F13	12 May 2021	Depart Time	958
F13	12 May 2021	Air Temp (C)	16.4
F13	12 May 2021	Weather	Overcast
F13	12 May 2021	Visibility (mi)	7
F13	12 May 2021	Wind Speed (kts)	1.3
F13	12 May 2021	Wind Dir	E
F13	12 May 2021	Water Color	Green
F13	12 May 2021	Wave Ht Low (ft)	3
F13	12 May 2021	Wave Period (sec)	15
F13	12 May 2021	Sea State	Wind Ripples
F13	12 May 2021	High Tide (ft)	5.44646
F13	12 May 2021	High Tide Time	2130
F13	12 May 2021	Low Tide (ft)	-0.42653
F13	12 May 2021	Low Tide Time	412
F13	12 May 2021	Comments	60m Niskin 1 OA SN 18405; 1m Niskin 4 OA SN 18406
F14	12 May 2021	Depth (m)	61.5
F14	12 May 2021	Arrive Time	931
F14	12 May 2021	Depart Time	936
F14	12 May 2021	Air Temp (C)	16.3

Station	Date	Parameter	Value
F14	12 May 2021	Weather	Overcast
F14	12 May 2021	Visibility (mi)	7
F14	12 May 2021	Wind Speed (kts)	1.3
F14	12 May 2021	Wind Dir	N
F14	12 May 2021	Water Color	Green
F14	12 May 2021	Wave Ht Low (ft)	3
F14	12 May 2021	Wave Period (sec)	15
F14	12 May 2021	Sea State	Wind Ripples
F14	12 May 2021	High Tide (ft)	5.44646
F14	12 May 2021	High Tide Time	2130
F14	12 May 2021	Low Tide (ft)	-0.42653
F14	12 May 2021	Low Tide Time	412
F14	12 May 2021	Comments	none
F15	13 May 2021	Depth (m)	81.4
F15	13 May 2021	Arrive Time	1056
F15	13 May 2021	Depart Time	1105
F15	13 May 2021	Air Temp (C)	17.1
F15	13 May 2021	Weather	Overcast
F15	13 May 2021	Visibility (mi)	9
F15	13 May 2021	Wind Speed (kts)	6.6
F15	13 May 2021	Wind Dir	W
F15	13 May 2021	Water Color	Blue
F15	13 May 2021	Wave Ht Low (ft)	3
F15	13 May 2021	Wave Period (sec)	10
F15	13 May 2021	Sea State	Light Chop
F15	13 May 2021	High Tide (ft)	5.38084
F15	13 May 2021	High Tide Time	2212
F15	13 May 2021	Low Tide (ft)	-0.42653
F15	13 May 2021	Low Tide Time	448
F15	13 May 2021	Comments	1m - OA Bottle #18407 - CTD Bottle #1; 80m - OA Bottle #18408 - CTD Bottle #4
F16	13 May 2021	Depth (m)	81.2
F16	13 May 2021	Arrive Time	1044
F16	13 May 2021	Depart Time	1051
F16	13 May 2021	Air Temp (C)	17.2
F16	13 May 2021	Weather	Overcast
F16	13 May 2021	Visibility (mi)	7
F16	13 May 2021	Wind Speed (kts)	1.8
F16	13 May 2021	Wind Dir	SW
F16	13 May 2021	Water Color	Blue
F16	13 May 2021	Wave Ht Low (ft)	3
F16	13 May 2021	Wave Period (sec)	10
F16	13 May 2021	Sea State	Light Chop
F16	13 May 2021	High Tide (ft)	5.38084
F16	13 May 2021	High Tide Time	2212
F16	13 May 2021	Low Tide (ft)	-0.42653
F16	13 May 2021	Low Tide Time	448
F16	13 May 2021	Comments	none
F17	13 May 2021	Depth (m)	80.6
F17	13 May 2021	Arrive Time	1030
F17	13 May 2021	Depart Time	1037
F17	13 May 2021	Air Temp (C)	17.5
F17	13 May 2021	Weather	Overcast
F17	13 May 2021	Visibility (mi)	7
F17	13 May 2021	Wind Speed (kts)	5.4
F17	13 May 2021	Wind Dir	SW
F17	13 May 2021	Water Color	Blue
F17	13 May 2021	Wave Ht Low (ft)	3

Station	Date	Parameter	Value
F17	13 May 2021	Wave Period (sec)	10
F17	13 May 2021	Sea State	Light Chop
F17	13 May 2021	High Tide (ft)	5.38084
F17	13 May 2021	High Tide Time	2212
F17	13 May 2021	Low Tide (ft)	-0.42653
F17	13 May 2021	Low Tide Time	448
F17	13 May 2021	Comments	none
F18	13 May 2021	Depth (m)	81.7
F18	13 May 2021	Arrive Time	1019
F18	13 May 2021	Depart Time	1025
F18	13 May 2021	Air Temp (C)	17.2
F18	13 May 2021	Weather	Overcast
F18	13 May 2021	Visibility (mi)	7
F18	13 May 2021	Wind Speed (kts)	6.5
F18	13 May 2021	Wind Dir	W
F18	13 May 2021	Water Color	Greenish-Blue
F18	13 May 2021	Wave Ht Low (ft)	3
F18	13 May 2021	Wave Period (sec)	10
F18	13 May 2021	Sea State	Light Chop
F18	13 May 2021	High Tide (ft)	5.38084
F18	13 May 2021	High Tide Time	2212
F18	13 May 2021	Low Tide (ft)	-0.42653
F18	13 May 2021	Low Tide Time	448
F18	13 May 2021	Comments	none
F19	13 May 2021	Depth (m)	82.5
F19	13 May 2021	Arrive Time	1007
F19	13 May 2021	Depart Time	1012
F19	13 May 2021	Air Temp (C)	17.1
F19	13 May 2021	Weather	Overcast
F19	13 May 2021	Visibility (mi)	7
F19	13 May 2021	Wind Speed (kts)	4.9
F19	13 May 2021	Wind Dir	W
F19	13 May 2021	Water Color	Greenish-Blue
F19	13 May 2021	Wave Ht Low (ft)	3
F19	13 May 2021	Wave Period (sec)	10
F19	13 May 2021	Sea State	Light Chop
F19	13 May 2021	High Tide (ft)	5.38084
F19	13 May 2021	High Tide Time	2212
F19	13 May 2021	Low Tide (ft)	-0.42653
F19	13 May 2021	Low Tide Time	448
F19	13 May 2021	Comments	Possible Red Tide
F20	13 May 2021	Depth (m)	82.1
F20	13 May 2021	Arrive Time	951
F20	13 May 2021	Depart Time	959
F20	13 May 2021	Air Temp (C)	17.1
F20	13 May 2021	Weather	Overcast
F20	13 May 2021	Visibility (mi)	7
F20	13 May 2021	Wind Speed (kts)	5.5
F20	13 May 2021	Wind Dir	W
F20	13 May 2021	Water Color	Blue
F20	13 May 2021	Wave Ht Low (ft)	3
F20	13 May 2021	Wave Period (sec)	10
F20	13 May 2021	Sea State	Light Chop
F20	13 May 2021	High Tide (ft)	5.38084
F20	13 May 2021	High Tide Time	2212
F20	13 May 2021	Low Tide (ft)	-0.42653
F20	13 May 2021	Low Tide Time	448
F20	13 May 2021	Comments	none

Station	Date	Parameter	Value
F21	13 May 2021	Depth (m)	83.6
F21	13 May 2021	Arrive Time	940
F21	13 May 2021	Depart Time	948
F21	13 May 2021	Air Temp (C)	17
F21	13 May 2021	Weather	Overcast
F21	13 May 2021	Visibility (mi)	7
F21	13 May 2021	Wind Speed (kts)	7.6
F21	13 May 2021	Wind Dir	W
F21	13 May 2021	Water Color	Blue
F21	13 May 2021	Wave Ht Low (ft)	3
F21	13 May 2021	Wave Period (sec)	10
F21	13 May 2021	Sea State	Light Chop
F21	13 May 2021	High Tide (ft)	5.38084
F21	13 May 2021	High Tide Time	2212
F21	13 May 2021	Low Tide (ft)	-0.42653
F21	13 May 2021	Low Tide Time	448
F21	13 May 2021	Comments	none
F22	13 May 2021	Depth (m)	80.9
F22	13 May 2021	Arrive Time	927
F22	13 May 2021	Depart Time	934
F22	13 May 2021	Air Temp (C)	16.9
F22	13 May 2021	Weather	Overcast
F22	13 May 2021	Visibility (mi)	7
F22	13 May 2021	Wind Speed (kts)	6.7
F22	13 May 2021	Wind Dir	W
F22	13 May 2021	Water Color	Blue
F22	13 May 2021	Wave Ht Low (ft)	3
F22	13 May 2021	Wave Period (sec)	10
F22	13 May 2021	Sea State	Light Chop
F22	13 May 2021	High Tide (ft)	5.38084
F22	13 May 2021	High Tide Time	2212
F22	13 May 2021	Low Tide (ft)	-0.42653
F22	13 May 2021	Low Tide Time	448
F22	13 May 2021	Comments	none
F24	13 May 2021	Depth (m)	82.1
F24	13 May 2021	Arrive Time	853
F24	13 May 2021	Depart Time	900
F24	13 May 2021	Air Temp (C)	16.9
F24	13 May 2021	Weather	Overcast
F24	13 May 2021	Visibility (mi)	7
F24	13 May 2021	Wind Speed (kts)	6.6
F24	13 May 2021	Wind Dir	W
F24	13 May 2021	Water Color	Blue
F24	13 May 2021	Wave Ht Low (ft)	3
F24	13 May 2021	Wave Period (sec)	10
F24	13 May 2021	Sea State	Light Chop
F24	13 May 2021	High Tide (ft)	5.38084
F24	13 May 2021	High Tide Time	2212
F24	13 May 2021	Low Tide (ft)	-0.42653
F24	13 May 2021	Low Tide Time	448
F24	13 May 2021	Comments	none
F25	13 May 2021	Depth (m)	80.2
F25	13 May 2021	Arrive Time	839
F25	13 May 2021	Depart Time	845
F25	13 May 2021	Air Temp (C)	16.9
F25	13 May 2021	Weather	Overcast
F25	13 May 2021	Visibility (mi)	7

Station	Date	Parameter	Value
F25	13 May 2021	Wind Speed (kts)	7.2
F25	13 May 2021	Wind Dir	W
F25	13 May 2021	Water Color	Blue
F25	13 May 2021	Wave Ht Low (ft)	3
F25	13 May 2021	Wave Period (sec)	10
F25	13 May 2021	Sea State	Light Chop
F25	13 May 2021	High Tide (ft)	5.38084
F25	13 May 2021	High Tide Time	2212
F25	13 May 2021	Low Tide (ft)	-0.42653
F25	13 May 2021	Low Tide Time	448
F25	13 May 2021	Comments	none
F26	11 May 2021	Depth (m)	98.3
F26	11 May 2021	Arrive Time	1120
F26	11 May 2021	Depart Time	1139
F26	11 May 2021	Air Temp (C)	14.8
F26	11 May 2021	Weather	Overcast
F26	11 May 2021	Visibility (mi)	8
F26	11 May 2021	Wind Speed (kts)	7.4
F26	11 May 2021	Wind Dir	SE
F26	11 May 2021	Water Color	Blue
F26	11 May 2021	Wave Ht Low (ft)	3
F26	11 May 2021	Wave Period (sec)	17
F26	11 May 2021	Sea State	Calm
F26	11 May 2021	High Tide (ft)	5.47927
F26	11 May 2021	High Tide Time	2118
F26	11 May 2021	Low Tide (ft)	-0.3281
F26	11 May 2021	Low Tide Time	342
F26	11 May 2021	Comments	none
F27	11 May 2021	Depth (m)	99.2
F27	11 May 2021	Arrive Time	1107
F27	11 May 2021	Depart Time	1113
F27	11 May 2021	Air Temp (C)	14.8
F27	11 May 2021	Weather	Overcast
F27	11 May 2021	Visibility (mi)	8
F27	11 May 2021	Wind Speed (kts)	4
F27	11 May 2021	Wind Dir	S
F27	11 May 2021	Water Color	Blue
F27	11 May 2021	Wave Ht Low (ft)	3
F27	11 May 2021	Wave Period (sec)	17
F27	11 May 2021	Sea State	Calm
F27	11 May 2021	High Tide (ft)	5.47927
F27	11 May 2021	High Tide Time	2118
F27	11 May 2021	Low Tide (ft)	-0.3281
F27	11 May 2021	Low Tide Time	342
F27	11 May 2021	Comments	none
F28	11 May 2021	Depth (m)	99.8
F28	11 May 2021	Arrive Time	1050
F28	11 May 2021	Depart Time	1100
F28	11 May 2021	Air Temp (C)	14.8
F28	11 May 2021	Weather	Overcast
F28	11 May 2021	Visibility (mi)	8
F28	11 May 2021	Wind Speed (kts)	17.6
F28	11 May 2021	Wind Dir	S
F28	11 May 2021	Water Color	Blue
F28	11 May 2021	Wave Ht Low (ft)	3
F28	11 May 2021	Wave Period (sec)	17
F28	11 May 2021	Sea State	Calm
F28	11 May 2021	High Tide (ft)	5.47927

Station	Date	Parameter	Value
F28	11 May 2021	High Tide Time	2118
F28	11 May 2021	Low Tide (ft)	-0.3281
F28	11 May 2021	Low Tide Time	342
F28	11 May 2021	Comments	none
F29	11 May 2021	Depth (m)	99.8
F29	11 May 2021	Arrive Time	1038
F29	11 May 2021	Depart Time	1046
F29	11 May 2021	Air Temp (C)	14.9
F29	11 May 2021	Weather	Overcast
F29	11 May 2021	Visibility (mi)	8
F29	11 May 2021	Wind Speed (kts)	3.3
F29	11 May 2021	Wind Dir	SW
F29	11 May 2021	Water Color	Blue
F29	11 May 2021	Wave Ht Low (ft)	3
F29	11 May 2021	Wave Period (sec)	17
F29	11 May 2021	Sea State	Calm
F29	11 May 2021	High Tide (ft)	5.47927
F29	11 May 2021	High Tide Time	2118
F29	11 May 2021	Low Tide (ft)	-0.3281
F29	11 May 2021	Low Tide Time	342
F29	11 May 2021	Comments	none
F30	11 May 2021	Depth (m)	100.7
F30	11 May 2021	Arrive Time	1019
F30	11 May 2021	Depart Time	1035
F30	11 May 2021	Air Temp (C)	15
F30	11 May 2021	Weather	Overcast
F30	11 May 2021	Visibility (mi)	8
F30	11 May 2021	Wind Speed (kts)	5.3
F30	11 May 2021	Wind Dir	SW
F30	11 May 2021	Water Color	Greenish-Blue
F30	11 May 2021	Wave Ht Low (ft)	3
F30	11 May 2021	Wave Period (sec)	17
F30	11 May 2021	Sea State	Calm
F30	11 May 2021	High Tide (ft)	5.47927
F30	11 May 2021	High Tide Time	2118
F30	11 May 2021	Low Tide (ft)	-0.3281
F30	11 May 2021	Low Tide Time	342
F30	11 May 2021	Comments	1m CTD btl 1; blank; 80m CTD btl 5; 80 dup CTD btl 5
F31	11 May 2021	Depth (m)	100.1
F31	11 May 2021	Arrive Time	1005
F31	11 May 2021	Depart Time	1010
F31	11 May 2021	Air Temp (C)	14.9
F31	11 May 2021	Weather	Overcast
F31	11 May 2021	Visibility (mi)	8
F31	11 May 2021	Wind Speed (kts)	1.1
F31	11 May 2021	Wind Dir	W
F31	11 May 2021	Water Color	Greenish-Blue
F31	11 May 2021	Wave Ht Low (ft)	3
F31	11 May 2021	Wave Period (sec)	17
F31	11 May 2021	Sea State	Calm
F31	11 May 2021	High Tide (ft)	5.47927
F31	11 May 2021	High Tide Time	2118
F31	11 May 2021	Low Tide (ft)	-0.3281
F31	11 May 2021	Low Tide Time	342
F31	11 May 2021	Comments	none
F32	11 May 2021	Depth (m)	101.4
F32	11 May 2021	Arrive Time	949

Station	Date	Parameter	Value
F32	11 May 2021	Depart Time	1000
F32	11 May 2021	Air Temp (C)	14.9
F32	11 May 2021	Weather	Overcast
F32	11 May 2021	Visibility (mi)	8
F32	11 May 2021	Wind Speed (kts)	5.5
F32	11 May 2021	Wind Dir	S
F32	11 May 2021	Water Color	Greenish-Blue
F32	11 May 2021	Wave Ht Low (ft)	3
F32	11 May 2021	Wave Period (sec)	17
F32	11 May 2021	Sea State	Calm
F32	11 May 2021	High Tide (ft)	5.47927
F32	11 May 2021	High Tide Time	2118
F32	11 May 2021	Low Tide (ft)	-0.3281
F32	11 May 2021	Low Tide Time	342
F32	11 May 2021	Comments	none
F33	11 May 2021	Depth (m)	101.9
F33	11 May 2021	Arrive Time	937
F33	11 May 2021	Depart Time	944
F33	11 May 2021	Air Temp (C)	15.1
F33	11 May 2021	Weather	Overcast
F33	11 May 2021	Visibility (mi)	8
F33	11 May 2021	Wind Speed (kts)	0
F33	11 May 2021	Wind Dir	W
F33	11 May 2021	Water Color	Greenish-Blue
F33	11 May 2021	Wave Ht Low (ft)	3
F33	11 May 2021	Wave Period (sec)	11
F33	11 May 2021	Sea State	Calm
F33	11 May 2021	High Tide (ft)	5.47927
F33	11 May 2021	High Tide Time	2118
F33	11 May 2021	Low Tide (ft)	-0.3281
F33	11 May 2021	Low Tide Time	342
F33	11 May 2021	Comments	Recast after drift off station
F34	11 May 2021	Depth (m)	100.9
F34	11 May 2021	Arrive Time	914
F34	11 May 2021	Depart Time	921
F34	11 May 2021	Air Temp (C)	14.9
F34	11 May 2021	Weather	Overcast
F34	11 May 2021	Visibility (mi)	8
F34	11 May 2021	Wind Speed (kts)	2
F34	11 May 2021	Wind Dir	N
F34	11 May 2021	Water Color	Greenish-Blue
F34	11 May 2021	Wave Ht Low (ft)	3
F34	11 May 2021	Wave Period (sec)	11
F34	11 May 2021	Sea State	Calm
F34	11 May 2021	High Tide (ft)	5.47927
F34	11 May 2021	High Tide Time	2118
F34	11 May 2021	Low Tide (ft)	-0.3281
F34	11 May 2021	Low Tide Time	342
F34	11 May 2021	Comments	none
F35	11 May 2021	Depth (m)	99.6
F35	11 May 2021	Arrive Time	854
F35	11 May 2021	Depart Time	901
F35	11 May 2021	Air Temp (C)	14.9
F35	11 May 2021	Weather	Overcast
F35	11 May 2021	Visibility (mi)	8
F35	11 May 2021	Wind Speed (kts)	2.3
F35	11 May 2021	Wind Dir	SE
F35	11 May 2021	Water Color	Greenish-Blue

Station	Date	Parameter	Value
F35	11 May 2021	Wave Ht Low (ft)	3
F35	11 May 2021	Wave Period (sec)	11
F35	11 May 2021	Sea State	Calm
F35	11 May 2021	High Tide (ft)	5.47927
F35	11 May 2021	High Tide Time	2118
F35	11 May 2021	Low Tide (ft)	-0.3281
F35	11 May 2021	Low Tide Time	342
F35	11 May 2021	Comments	OA: 1m 18401 CTD btl 1; 50m 18402 CTD btl 3; 100 m 18403 CTD btl 6; 100 m dup 10404 CTD btl 6
F36	11 May 2021	Depth (m)	100.6
F36	11 May 2021	Arrive Time	837
F36	11 May 2021	Depart Time	848
F36	11 May 2021	Air Temp (C)	15.3
F36	11 May 2021	Weather	Overcast
F36	11 May 2021	Visibility (mi)	8
F36	11 May 2021	Wind Speed (kts)	1.6
F36	11 May 2021	Wind Dir	SE
F36	11 May 2021	Water Color	Greenish-Blue
F36	11 May 2021	Wave Ht Low (ft)	3
F36	11 May 2021	Wave Period (sec)	11
F36	11 May 2021	Sea State	Calm
F36	11 May 2021	High Tide (ft)	5.47927
F36	11 May 2021	High Tide Time	2118
F36	11 May 2021	Low Tide (ft)	-0.3281
F36	11 May 2021	Low Tide Time	342
F36	11 May 2021	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 ($\sigma\text{-t}$)	Chlor ($\mu\text{g/L}$)
F01	12 May 2021	1	17.99	71.45	10.4	33.72	8.4	24.3	1.89
F01	12 May 2021	2	17.98	71.33	10.4	33.72	8.4	24.3	1.99
F01	12 May 2021	3	17.92	70.45	10.4	33.72	8.4	24.3	2.90
F01	12 May 2021	4	17.91	70.42	10.4	33.72	8.4	24.3	3.53
F01	12 May 2021	5	17.87	70.22	10.4	33.72	8.4	24.3	4.23
F01	12 May 2021	6	17.85	70.39	10.4	33.72	8.4	24.3	4.60
F01	12 May 2021	7	17.80	69.95	10.3	33.72	8.4	24.3	5.05
F01	12 May 2021	8	17.79	69.90	10.3	33.72	8.4	24.3	5.17
F01	12 May 2021	9	17.76	70.31	10.3	33.72	8.4	24.4	4.99
F01	12 May 2021	10	17.76	70.34	10.2	33.72	8.4	24.4	4.90
F01	12 May 2021	11	17.74	70.11	10.0	33.72	8.4	24.4	5.17
F01	12 May 2021	12	17.66	70.30	9.5	33.73	8.4	24.4	5.62
F01	12 May 2021	13	17.32	70.06	8.9	33.73	8.3	24.5	6.34
F01	12 May 2021	14	16.87	74.01	9.2	33.73	8.3	24.6	5.83
F01	12 May 2021	15	16.33	76.85	9.0	33.72	8.3	24.7	4.18
F01	12 May 2021	16	15.94	77.82	8.3	33.73	8.3	24.8	3.41
F01	12 May 2021	17	14.59	79.97	7.0	33.73	8.2	25.1	2.84
F01	12 May 2021	18	13.73	81.29	6.4	33.72	8.1	25.3	2.23
F01	12 May 2021	19	13.61	81.40	6.3	33.69	8.1	25.3	1.76
F01	12 May 2021	20	13.54	81.48	6.4	33.69	8.1	25.3	1.60
F02	12 May 2021	1	18.21	68.90	9.5	33.73	8.3	24.2	5.79
F02	12 May 2021	2	18.18	66.27	9.6	33.73	8.3	24.3	8.59
F02	12 May 2021	3	17.87	66.21	9.4	33.76	8.3	24.4	9.30
F02	12 May 2021	4	17.24	73.09	9.4	33.72	8.3	24.5	6.48
F02	12 May 2021	5	16.68	78.20	9.5	33.74	8.3	24.6	4.88
F02	12 May 2021	6	16.13	78.66	10.0	33.69	8.3	24.7	4.34
F02	12 May 2021	7	16.10	78.12	10.2	33.68	8.3	24.7	4.27
F02	12 May 2021	8	16.09	78.01	10.2	33.68	8.3	24.7	4.27
F02	12 May 2021	9	16.07	78.26	10.2	33.69	8.3	24.7	4.03
F02	12 May 2021	10	15.74	77.78	8.8	33.71	8.3	24.8	4.05
F02	12 May 2021	11	15.49	77.07	7.7	33.70	8.2	24.9	4.05
F02	12 May 2021	12	15.12	74.91	7.3	33.69	8.1	24.9	4.86
F02	12 May 2021	13	14.91	75.30	7.5	33.71	8.1	25.0	4.93
F02	12 May 2021	14	14.44	77.07	7.3	33.70	8.1	25.1	4.82
F02	12 May 2021	15	14.31	77.72	7.1	33.68	8.1	25.1	4.28
F02	12 May 2021	16	14.05	79.40	7.0	33.70	8.1	25.2	3.25
F02	12 May 2021	17	13.95	80.39	6.9	33.69	8.1	25.2	2.39
F02	12 May 2021	18	13.82	81.63	6.8	33.69	8.1	25.2	1.75
F02	12 May 2021	19	13.79	82.45	6.7	33.69	8.1	25.2	1.47
F02	12 May 2021	20	13.22	82.99	6.1	33.74	8.0	25.4	1.19
F03	12 May 2021	1	18.38	71.11	10.0	33.73	8.4	24.2	4.05
F03	12 May 2021	2	18.37	70.93	10.0	33.73	8.4	24.2	4.54
F03	12 May 2021	3	18.33	70.09	9.9	33.73	8.4	24.2	5.41
F03	12 May 2021	4	18.13	71.09	9.9	33.74	8.4	24.3	4.99
F03	12 May 2021	5	17.51	74.83	9.6	33.77	8.4	24.4	4.39
F03	12 May 2021	6	16.48	77.22	9.6	33.72	8.3	24.7	5.12
F03	12 May 2021	7	16.26	77.36	9.6	33.69	8.3	24.7	5.87
F03	12 May 2021	8	16.21	76.18	9.4	33.69	8.3	24.7	6.03
F03	12 May 2021	9	16.08	76.07	9.3	33.69	8.3	24.7	5.20
F03	12 May 2021	10	15.95	76.69	8.9	33.70	8.3	24.8	4.65
F03	12 May 2021	11	15.44	77.20	8.3	33.71	8.2	24.9	4.00
F03	12 May 2021	12	15.27	77.52	8.2	33.69	8.2	24.9	3.50
F03	12 May 2021	13	15.03	79.55	8.5	33.69	8.2	25.0	2.96
F03	12 May 2021	14	14.85	80.09	8.3	33.69	8.2	25.0	2.76

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F03	12 May 2021	15	14.80	80.59	8.2	33.69	8.2	25.0	2.71
F03	12 May 2021	16	14.54	80.53	8.0	33.70	8.2	25.1	2.97
F03	12 May 2021	17	14.36	80.13	7.7	33.69	8.2	25.1	3.34
F03	12 May 2021	18	14.13	80.10	7.3	33.70	8.1	25.2	2.98
F03	12 May 2021	19	14.05	80.35	7.1	33.70	8.1	25.2	2.67
F03	12 May 2021	20	13.78	80.51	6.8	33.71	8.1	25.2	2.74
F04	12 May 2021	1	17.29	83.68	8.6	33.67	8.2	24.4	0.57
F04	12 May 2021	2	17.29	83.91	8.6	33.67	8.2	24.4	0.58
F04	12 May 2021	3	17.24	83.95	8.6	33.67	8.2	24.4	0.60
F04	12 May 2021	4	17.21	83.83	8.6	33.67	8.2	24.4	0.65
F04	12 May 2021	5	17.19	83.83	8.7	33.67	8.2	24.4	0.69
F04	12 May 2021	6	17.13	83.82	8.7	33.67	8.2	24.5	0.72
F04	12 May 2021	7	17.11	83.80	8.7	33.67	8.2	24.5	0.74
F04	12 May 2021	8	17.01	83.78	8.7	33.66	8.2	24.5	0.76
F04	12 May 2021	9	16.87	83.65	8.8	33.66	8.2	24.5	0.81
F04	12 May 2021	10	16.79	83.44	8.8	33.66	8.2	24.5	0.85
F04	12 May 2021	11	16.53	83.19	8.9	33.65	8.2	24.6	0.94
F04	12 May 2021	12	16.45	82.86	9.0	33.64	8.2	24.6	1.03
F04	12 May 2021	13	16.02	82.38	9.3	33.66	8.2	24.7	1.22
F04	12 May 2021	14	15.76	81.85	9.5	33.63	8.3	24.8	1.49
F04	12 May 2021	15	15.53	81.24	9.6	33.66	8.3	24.8	1.95
F04	12 May 2021	16	15.21	80.71	9.8	33.66	8.3	24.9	2.77
F04	12 May 2021	17	14.95	79.45	9.6	33.68	8.3	25.0	4.17
F04	12 May 2021	18	14.19	80.36	8.6	33.73	8.2	25.2	4.96
F04	12 May 2021	19	13.73	81.44	7.9	33.67	8.2	25.2	4.67
F04	12 May 2021	20	13.74	81.71	7.8	33.67	8.2	25.2	4.44
F04	12 May 2021	21	13.36	82.27	7.2	33.68	8.1	25.3	4.09
F04	12 May 2021	22	13.31	82.26	7.0	33.68	8.1	25.3	4.02
F04	12 May 2021	23	13.06	82.30	6.5	33.70	8.1	25.4	3.89
F04	12 May 2021	24	12.95	82.66	6.3	33.70	8.0	25.4	3.62
F04	12 May 2021	25	12.77	82.65	6.0	33.72	8.0	25.4	3.52
F04	12 May 2021	26	12.56	82.89	5.8	33.70	8.0	25.5	3.62
F04	12 May 2021	27	12.50	83.25	5.8	33.70	8.0	25.5	3.40
F04	12 May 2021	28	12.48	83.59	5.8	33.70	8.0	25.5	3.05
F04	12 May 2021	29	12.47	83.90	5.8	33.70	8.0	25.5	2.89
F04	12 May 2021	30	12.46	84.17	5.8	33.70	8.0	25.5	2.51
F04	12 May 2021	31	12.44	84.33	5.8	33.70	8.0	25.5	2.20
F04	12 May 2021	32	12.40	84.43	5.8	33.70	8.0	25.5	2.10
F04	12 May 2021	33	12.26	84.29	5.8	33.68	8.0	25.5	2.20
F04	12 May 2021	34	12.25	84.24	5.7	33.68	8.0	25.5	2.33
F04	12 May 2021	35	12.03	84.69	5.6	33.68	8.0	25.6	2.30
F04	12 May 2021	36	11.95	85.29	5.6	33.67	8.0	25.6	2.02
F04	12 May 2021	37	11.75	86.94	5.7	33.66	8.0	25.6	1.36
F04	12 May 2021	38	11.71	87.25	5.7	33.66	8.0	25.6	0.95
F04	12 May 2021	39	11.63	87.35	5.7	33.66	8.0	25.6	0.81
F04	12 May 2021	40	11.60	87.43	5.6	33.66	7.9	25.6	0.81
F04	12 May 2021	41	11.59	87.41	5.6	33.67	7.9	25.6	0.81
F04	12 May 2021	42	11.58	87.41	5.5	33.67	7.9	25.6	0.72
F04	12 May 2021	43	11.56	87.35	5.5	33.67	7.9	25.6	0.72
F04	12 May 2021	44	11.57	87.42	5.5	33.67	7.9	25.6	0.73
F04	12 May 2021	45	11.52	87.39	5.5	33.68	7.9	25.7	0.72
F04	12 May 2021	46	11.50	87.51	5.5	33.67	7.9	25.7	0.70
F04	12 May 2021	47	11.48	87.52	5.5	33.68	7.9	25.7	0.72
F04	12 May 2021	48	11.48	87.44	5.5	33.67	7.9	25.7	0.78
F04	12 May 2021	49	11.48	87.52	5.4	33.68	7.9	25.7	0.75
F04	12 May 2021	50	11.46	87.40	5.4	33.68	7.9	25.7	0.71
F04	12 May 2021	51	11.45	87.50	5.4	33.68	7.9	25.7	0.69
F04	12 May 2021	52	11.38	87.57	5.3	33.69	7.9	25.7	0.69
F04	12 May 2021	53	11.36	87.59	5.3	33.70	7.9	25.7	0.68
F04	12 May 2021	54	11.33	87.63	5.2	33.70	7.9	25.7	0.67

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F04	12 May 2021	55	11.27	87.60	5.1	33.70	7.9	25.7	0.64
F04	12 May 2021	56	11.26	87.39	5.1	33.70	7.9	25.7	0.68
F04	12 May 2021	57	11.21	87.34	5.0	33.70	7.9	25.7	0.67
F04	12 May 2021	58	11.20	87.07	5.0	33.70	7.9	25.7	0.63
F04	12 May 2021	59	11.12	86.18	4.8	33.72	7.9	25.8	0.69
F04	12 May 2021	60	11.12	85.91	4.7	33.72	7.9	25.8	0.70
F04	12 May 2021	61	11.12	85.70	4.7	33.72	7.9	25.8	0.67
F05	12 May 2021	1	17.51	82.28	9.9	33.70	8.3	24.4	0.75
F05	12 May 2021	2	17.51	82.09	9.9	33.70	8.3	24.4	0.78
F05	12 May 2021	3	17.48	82.48	10.1	33.70	8.4	24.4	0.84
F05	12 May 2021	4	17.42	82.12	10.2	33.71	8.4	24.4	0.91
F05	12 May 2021	5	17.33	81.99	10.1	33.70	8.4	24.4	1.00
F05	12 May 2021	6	17.27	81.97	10.1	33.70	8.3	24.5	1.08
F05	12 May 2021	7	17.03	81.05	10.2	33.70	8.3	24.5	1.40
F05	12 May 2021	8	16.52	79.82	10.2	33.72	8.4	24.6	2.08
F05	12 May 2021	9	16.28	79.56	10.3	33.67	8.3	24.7	2.70
F05	12 May 2021	10	16.23	79.39	10.3	33.67	8.3	24.7	3.01
F05	12 May 2021	11	16.12	79.20	10.4	33.67	8.3	24.7	3.42
F05	12 May 2021	12	16.07	79.18	10.5	33.67	8.3	24.7	3.69
F05	12 May 2021	13	16.01	79.00	10.5	33.68	8.3	24.7	3.92
F05	12 May 2021	14	15.43	78.94	10.2	33.70	8.3	24.9	3.93
F05	12 May 2021	15	15.23	79.95	9.8	33.67	8.3	24.9	3.74
F05	12 May 2021	16	15.11	80.24	9.5	33.67	8.3	24.9	3.61
F05	12 May 2021	17	14.90	80.12	9.0	33.68	8.2	25.0	3.60
F05	12 May 2021	18	14.61	80.46	8.6	33.69	8.2	25.0	3.42
F05	12 May 2021	19	14.35	80.69	8.0	33.68	8.2	25.1	3.31
F05	12 May 2021	20	14.27	80.77	7.5	33.68	8.2	25.1	3.27
F05	12 May 2021	21	14.11	80.72	7.2	33.69	8.1	25.2	3.19
F05	12 May 2021	22	13.88	81.71	7.1	33.72	8.1	25.2	3.01
F05	12 May 2021	23	13.34	82.58	6.9	33.69	8.1	25.3	2.82
F05	12 May 2021	24	12.81	82.63	6.8	33.68	8.1	25.4	3.32
F05	12 May 2021	25	12.52	82.54	6.8	33.63	8.0	25.4	4.36
F05	12 May 2021	26	12.41	82.37	6.9	33.61	8.0	25.4	4.28
F05	12 May 2021	27	12.46	84.75	7.3	33.63	8.1	25.4	3.26
F05	12 May 2021	28	12.36	85.26	7.4	33.65	8.1	25.5	2.61
F05	12 May 2021	29	12.35	85.71	7.3	33.65	8.0	25.5	2.30
F05	12 May 2021	30	12.30	85.96	7.3	33.66	8.0	25.5	1.90
F05	12 May 2021	31	12.26	86.01	7.2	33.65	8.0	25.5	1.80
F05	12 May 2021	32	12.23	85.99	7.2	33.66	8.0	25.5	1.75
F05	12 May 2021	33	12.18	86.21	7.2	33.67	8.0	25.5	1.70
F05	12 May 2021	34	12.15	86.26	7.2	33.67	8.0	25.5	1.61
F05	12 May 2021	35	12.15	86.15	7.2	33.69	8.0	25.5	1.63
F05	12 May 2021	36	12.08	86.39	7.2	33.69	8.0	25.6	1.34
F05	12 May 2021	37	12.07	86.76	7.2	33.69	8.0	25.6	1.31
F05	12 May 2021	38	11.97	86.95	7.0	33.69	8.0	25.6	1.11
F05	12 May 2021	39	11.91	87.10	7.0	33.69	8.0	25.6	1.03
F05	12 May 2021	40	11.88	87.21	6.9	33.69	8.0	25.6	1.09
F05	12 May 2021	41	11.87	87.21	6.9	33.69	8.0	25.6	0.95
F05	12 May 2021	42	11.85	87.19	6.9	33.69	8.0	25.6	0.94
F05	12 May 2021	43	11.84	87.27	6.8	33.69	8.0	25.6	0.95
F05	12 May 2021	44	11.65	87.32	6.5	33.70	8.0	25.6	0.83
F05	12 May 2021	45	11.45	87.52	6.2	33.66	8.0	25.6	0.79
F05	12 May 2021	46	11.44	87.66	6.0	33.66	8.0	25.6	0.84
F05	12 May 2021	47	11.38	87.70	5.9	33.65	7.9	25.7	0.72
F05	12 May 2021	48	11.39	87.67	5.8	33.66	7.9	25.7	0.67
F05	12 May 2021	49	11.38	87.63	5.7	33.67	7.9	25.7	0.68
F05	12 May 2021	50	11.25	87.53	5.5	33.69	7.9	25.7	0.64
F05	12 May 2021	51	11.26	87.53	5.4	33.69	7.9	25.7	0.62
F05	12 May 2021	52	11.27	87.44	5.3	33.69	7.9	25.7	0.63
F05	12 May 2021	53	11.26	87.24	5.2	33.70	7.9	25.7	0.72

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F05	12 May 2021	54	11.24	87.05	5.2	33.70	7.9	25.7	0.62
F05	12 May 2021	55	11.24	87.00	5.1	33.70	7.9	25.7	0.61
F05	12 May 2021	56	11.20	86.84	5.0	33.71	7.9	25.7	0.61
F05	12 May 2021	57	11.09	86.29	4.9	33.72	7.9	25.8	0.62
F05	12 May 2021	58	11.05	85.41	4.8	33.72	7.9	25.8	0.67
F05	12 May 2021	59	11.04	84.95	4.7	33.72	7.9	25.8	0.63
F05	12 May 2021	60	11.03	84.78	4.7	33.72	7.8	25.8	0.62
F05	12 May 2021	61	11.02	84.68	4.7	33.72	7.8	25.8	0.62
F06	12 May 2021	1	17.76	77.71	10.7	33.72	8.4	24.4	1.36
F06	12 May 2021	2	17.71	77.64	10.7	33.72	8.4	24.4	1.51
F06	12 May 2021	3	17.60	77.14	10.8	33.72	8.4	24.4	1.87
F06	12 May 2021	4	17.57	76.38	10.7	33.72	8.4	24.4	2.23
F06	12 May 2021	5	17.54	76.10	10.6	33.72	8.4	24.4	2.47
F06	12 May 2021	6	17.38	77.13	10.6	33.72	8.4	24.4	2.48
F06	12 May 2021	7	17.40	77.97	10.6	33.71	8.4	24.4	2.59
F06	12 May 2021	8	17.25	77.86	10.5	33.71	8.4	24.5	2.86
F06	12 May 2021	9	17.00	78.23	10.3	33.73	8.4	24.5	2.86
F06	12 May 2021	10	16.60	80.27	10.3	33.70	8.4	24.6	2.58
F06	12 May 2021	11	16.48	80.76	10.3	33.69	8.3	24.6	2.58
F06	12 May 2021	12	16.35	80.73	10.2	33.69	8.3	24.7	2.62
F06	12 May 2021	13	16.02	80.75	9.9	33.71	8.3	24.7	2.59
F06	12 May 2021	14	15.74	80.68	9.5	33.70	8.3	24.8	2.64
F06	12 May 2021	15	15.15	80.81	8.8	33.72	8.3	25.0	2.49
F06	12 May 2021	16	14.71	81.69	8.4	33.69	8.2	25.0	2.26
F06	12 May 2021	17	14.31	81.58	8.4	33.69	8.2	25.1	2.49
F06	12 May 2021	18	13.83	80.33	8.7	33.64	8.2	25.2	3.44
F06	12 May 2021	19	13.75	79.91	8.8	33.61	8.2	25.2	4.12
F06	12 May 2021	20	13.51	80.20	8.6	33.63	8.2	25.2	4.32
F06	12 May 2021	21	13.25	80.61	8.3	33.63	8.1	25.3	4.29
F06	12 May 2021	22	13.14	81.31	8.2	33.62	8.1	25.3	4.65
F06	12 May 2021	23	13.08	81.35	8.1	33.62	8.1	25.3	4.69
F06	12 May 2021	24	12.92	80.43	7.8	33.63	8.1	25.3	7.17
F06	12 May 2021	25	12.82	77.54	7.6	33.61	8.1	25.4	11.56
F06	12 May 2021	26	12.76	81.32	7.5	33.62	8.1	25.4	9.08
F06	12 May 2021	27	12.52	82.94	7.0	33.62	8.1	25.4	4.95
F06	12 May 2021	28	12.40	84.17	6.9	33.61	8.0	25.4	3.23
F06	12 May 2021	29	12.36	84.62	7.1	33.62	8.0	25.4	2.79
F06	12 May 2021	30	12.37	85.03	7.3	33.64	8.0	25.5	2.68
F06	12 May 2021	31	12.23	85.45	7.0	33.64	8.0	25.5	2.31
F06	12 May 2021	32	12.09	85.66	6.5	33.62	8.0	25.5	1.82
F06	12 May 2021	33	12.02	85.92	6.3	33.62	8.0	25.5	1.67
F06	12 May 2021	34	11.96	86.34	6.4	33.63	8.0	25.5	1.43
F06	12 May 2021	35	11.98	86.61	6.8	33.67	8.0	25.6	1.31
F06	12 May 2021	36	11.94	86.81	6.9	33.67	8.0	25.6	1.14
F06	12 May 2021	37	11.95	86.90	6.9	33.68	8.0	25.6	1.13
F06	12 May 2021	38	11.86	87.09	6.8	33.69	8.0	25.6	1.05
F06	12 May 2021	39	11.79	87.16	6.6	33.67	8.0	25.6	1.04
F06	12 May 2021	40	11.76	87.26	6.5	33.67	8.0	25.6	0.94
F06	12 May 2021	41	11.71	87.31	6.4	33.66	8.0	25.6	0.85
F06	12 May 2021	42	11.63	87.43	6.3	33.65	8.0	25.6	0.83
F06	12 May 2021	43	11.63	87.38	6.2	33.65	8.0	25.6	0.80
F06	12 May 2021	44	11.62	87.43	6.3	33.65	8.0	25.6	0.86
F06	12 May 2021	45	11.59	87.38	6.0	33.65	8.0	25.6	0.81
F06	12 May 2021	46	11.56	87.37	5.7	33.67	7.9	25.6	0.79
F06	12 May 2021	47	11.56	87.44	5.6	33.67	7.9	25.6	0.70
F06	12 May 2021	48	11.55	87.54	5.6	33.68	7.9	25.6	0.70
F06	12 May 2021	49	11.55	87.61	5.5	33.68	7.9	25.6	0.71
F06	12 May 2021	50	11.49	87.55	5.4	33.68	7.9	25.7	0.70
F06	12 May 2021	51	11.42	87.51	5.3	33.69	7.9	25.7	1.01
F06	12 May 2021	52	11.33	87.42	5.2	33.70	7.9	25.7	0.66

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F06	12 May 2021	53	11.27	87.47	5.1	33.70	7.9	25.7	0.66
	12 May 2021	54	11.22	87.46	5.1	33.71	7.9	25.7	0.59
	12 May 2021	55	11.18	87.61	5.1	33.70	7.9	25.7	0.59
	12 May 2021	56	11.14	87.71	5.1	33.71	7.9	25.7	0.65
	12 May 2021	57	11.10	87.57	5.0	33.71	7.9	25.8	0.60
	12 May 2021	58	11.07	87.09	4.9	33.72	7.9	25.8	0.62
	12 May 2021	59	11.04	86.48	4.8	33.72	7.9	25.8	0.60
	12 May 2021	60	10.98	85.10	4.7	33.73	7.9	25.8	0.60
	12 May 2021	61	10.96	83.11	4.6	33.73	7.8	25.8	0.59
	12 May 2021	62	10.95	82.68	4.6	33.74	7.8	25.8	0.61
F07	12 May 2021	1	17.74	76.52	10.4	33.72	8.4	24.4	1.71
	12 May 2021	2	17.71	76.23	10.3	33.72	8.4	24.4	1.91
	12 May 2021	3	17.60	74.47	10.4	33.72	8.4	24.4	2.38
	12 May 2021	4	17.53	74.92	10.5	33.72	8.4	24.4	2.74
	12 May 2021	5	17.01	76.91	10.2	33.73	8.4	24.5	3.05
	12 May 2021	6	16.64	79.79	10.0	33.69	8.3	24.6	2.66
	12 May 2021	7	16.59	80.76	10.0	33.68	8.3	24.6	2.45
	12 May 2021	8	16.48	80.52	10.1	33.68	8.3	24.6	2.64
	12 May 2021	9	16.41	80.08	10.1	33.68	8.3	24.6	2.80
	12 May 2021	10	16.35	79.93	10.1	33.68	8.3	24.7	2.91
	12 May 2021	11	16.21	79.51	10.3	33.69	8.3	24.7	3.18
	12 May 2021	12	16.13	79.37	10.3	33.69	8.3	24.7	3.27
	12 May 2021	13	15.72	79.77	10.2	33.72	8.3	24.8	3.14
	12 May 2021	14	15.32	80.27	9.5	33.69	8.3	24.9	3.02
	12 May 2021	15	15.03	80.08	9.1	33.70	8.3	25.0	3.07
	12 May 2021	16	14.65	79.64	9.2	33.69	8.2	25.0	3.57
	12 May 2021	17	14.45	79.95	9.2	33.67	8.2	25.1	3.80
	12 May 2021	18	14.10	80.33	8.7	33.67	8.2	25.1	3.76
	12 May 2021	19	13.98	80.40	8.6	33.66	8.2	25.2	3.78
	12 May 2021	20	13.89	80.60	8.3	33.67	8.2	25.2	3.69
	12 May 2021	21	13.33	81.68	7.6	33.68	8.1	25.3	3.09
	12 May 2021	22	13.06	83.17	7.2	33.67	8.1	25.3	2.47
	12 May 2021	23	12.93	83.99	6.8	33.66	8.1	25.4	2.12
	12 May 2021	24	12.83	84.28	6.5	33.68	8.0	25.4	1.87
	12 May 2021	25	12.70	84.42	6.4	33.68	8.0	25.4	1.80
	12 May 2021	26	12.61	84.47	6.4	33.66	8.0	25.4	1.81
	12 May 2021	27	12.48	84.48	6.4	33.65	8.0	25.5	1.99
	12 May 2021	28	12.38	84.42	6.4	33.64	8.0	25.5	2.26
	12 May 2021	29	12.20	84.28	6.4	33.63	8.0	25.5	2.45
	12 May 2021	30	12.13	85.35	6.4	33.61	8.0	25.5	2.05
	12 May 2021	31	12.08	85.79	6.5	33.62	8.0	25.5	1.82
	12 May 2021	32	12.07	86.00	6.6	33.62	8.0	25.5	1.86
	12 May 2021	33	12.07	86.13	6.6	33.63	8.0	25.5	1.73
	12 May 2021	34	12.05	86.18	6.6	33.63	8.0	25.5	1.68
	12 May 2021	35	12.04	86.16	6.7	33.64	8.0	25.5	1.68
	12 May 2021	36	12.06	86.26	6.8	33.65	8.0	25.5	1.53
	12 May 2021	37	12.06	86.26	6.9	33.65	8.0	25.5	1.56
	12 May 2021	38	11.98	86.51	6.7	33.66	8.0	25.6	1.38
	12 May 2021	39	11.87	86.79	6.4	33.66	8.0	25.6	1.13
	12 May 2021	40	11.82	87.04	6.2	33.66	8.0	25.6	1.03
	12 May 2021	41	11.81	87.20	5.9	33.65	8.0	25.6	0.87
	12 May 2021	42	11.77	87.32	5.8	33.66	7.9	25.6	0.86
	12 May 2021	43	11.70	87.43	5.6	33.67	7.9	25.6	0.82
	12 May 2021	44	11.69	87.49	5.6	33.68	7.9	25.6	0.73
	12 May 2021	45	11.64	87.54	5.6	33.68	7.9	25.6	0.71
	12 May 2021	46	11.61	87.51	5.5	33.67	7.9	25.6	0.76
	12 May 2021	47	11.57	87.47	5.5	33.68	7.9	25.6	0.74
	12 May 2021	48	11.54	87.54	5.4	33.68	7.9	25.6	0.72
	12 May 2021	49	11.47	87.49	5.4	33.68	7.9	25.7	0.72
	12 May 2021	50	11.46	87.62	5.3	33.69	7.9	25.7	0.67

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F07	12 May 2021	51	11.44	87.62	5.3	33.69	7.9	25.7	0.68
F07	12 May 2021	52	11.38	87.60	5.3	33.70	7.9	25.7	0.64
F07	12 May 2021	53	11.25	87.42	5.2	33.70	7.9	25.7	0.62
F07	12 May 2021	54	11.21	87.74	5.2	33.70	7.9	25.7	0.65
F07	12 May 2021	55	11.13	87.82	5.1	33.70	7.9	25.7	0.64
F07	12 May 2021	56	11.11	87.50	5.0	33.70	7.9	25.7	0.61
F07	12 May 2021	57	11.12	86.62	4.8	33.71	7.9	25.8	0.58
F07	12 May 2021	58	11.11	86.37	4.8	33.72	7.9	25.8	0.58
F07	12 May 2021	59	11.03	86.18	4.7	33.73	7.8	25.8	0.58
F07	12 May 2021	60	10.93	84.59	4.5	33.74	7.8	25.8	0.59
F07	12 May 2021	61	10.93	83.60	4.5	33.74	7.8	25.8	0.59
F07	12 May 2021	62	10.91	83.28	4.5	33.74	7.8	25.8	0.59
F07	12 May 2021	63	10.90	83.06	4.5	33.75	7.8	25.8	0.60
F07	12 May 2021	64	10.89	82.89	4.4	33.75	7.8	25.8	0.59
F08	12 May 2021	1	17.49	79.93	9.8	33.71	8.4	24.4	1.20
F08	12 May 2021	2	17.44	79.46	9.8	33.71	8.4	24.4	1.36
F08	12 May 2021	3	17.42	79.02	9.8	33.71	8.4	24.4	1.58
F08	12 May 2021	4	17.40	79.48	9.8	33.71	8.4	24.4	1.71
F08	12 May 2021	5	17.34	79.68	9.7	33.71	8.3	24.4	1.80
F08	12 May 2021	6	17.29	80.68	9.6	33.71	8.3	24.5	1.89
F08	12 May 2021	7	16.88	81.16	9.6	33.70	8.3	24.5	2.60
F08	12 May 2021	8	16.62	79.58	9.9	33.70	8.3	24.6	3.74
F08	12 May 2021	9	16.27	79.49	10.2	33.71	8.3	24.7	3.88
F08	12 May 2021	10	15.55	78.88	10.8	33.69	8.3	24.8	4.02
F08	12 May 2021	11	15.35	78.24	10.4	33.70	8.3	24.9	4.31
F08	12 May 2021	12	14.86	78.31	9.9	33.70	8.3	25.0	4.44
F08	12 May 2021	13	14.63	79.03	9.6	33.68	8.3	25.0	4.30
F08	12 May 2021	14	14.53	79.27	9.3	33.67	8.2	25.0	4.14
F08	12 May 2021	15	14.30	80.41	8.8	33.69	8.2	25.1	3.87
F08	12 May 2021	16	14.04	81.22	8.2	33.67	8.2	25.2	3.42
F08	12 May 2021	17	13.93	81.46	7.8	33.68	8.2	25.2	3.08
F08	12 May 2021	18	13.82	81.58	7.6	33.68	8.1	25.2	2.99
F08	12 May 2021	19	13.74	81.96	7.4	33.68	8.1	25.2	2.98
F08	12 May 2021	20	13.66	82.31	7.0	33.69	8.1	25.2	2.76
F08	12 May 2021	21	13.57	82.61	6.7	33.70	8.1	25.3	2.59
F08	12 May 2021	22	13.34	83.12	6.5	33.71	8.1	25.3	2.37
F08	12 May 2021	23	13.26	83.24	6.5	33.70	8.0	25.3	2.42
F08	12 May 2021	24	13.27	82.98	6.5	33.70	8.0	25.3	2.35
F08	12 May 2021	25	13.12	83.23	6.3	33.71	8.0	25.4	2.42
F08	12 May 2021	26	12.92	83.02	6.4	33.70	8.0	25.4	3.04
F08	12 May 2021	27	12.81	82.92	6.4	33.69	8.0	25.4	3.06
F08	12 May 2021	28	12.50	83.68	6.4	33.66	8.0	25.5	2.80
F08	12 May 2021	29	12.37	83.83	6.3	33.65	8.0	25.5	2.66
F08	12 May 2021	30	12.14	84.22	6.3	33.62	8.0	25.5	2.64
F08	12 May 2021	31	12.07	85.51	6.4	33.61	8.0	25.5	2.27
F08	12 May 2021	32	12.09	85.93	6.7	33.62	8.0	25.5	2.12
F08	12 May 2021	33	12.19	86.10	7.0	33.66	8.0	25.5	1.66
F08	12 May 2021	34	12.17	86.21	7.1	33.67	8.0	25.5	1.78
F08	12 May 2021	35	12.13	86.22	7.0	33.67	8.0	25.5	1.62
F08	12 May 2021	36	12.05	86.14	6.8	33.66	8.0	25.5	1.67
F08	12 May 2021	37	11.93	86.46	6.5	33.65	8.0	25.6	1.40
F08	12 May 2021	38	11.78	86.96	6.0	33.66	8.0	25.6	1.03
F08	12 May 2021	39	11.75	87.18	5.8	33.66	8.0	25.6	0.92
F08	12 May 2021	40	11.72	87.30	5.7	33.66	7.9	25.6	0.91
F08	12 May 2021	41	11.68	87.31	5.6	33.66	7.9	25.6	0.96
F08	12 May 2021	42	11.55	87.37	5.5	33.67	7.9	25.6	0.86
F08	12 May 2021	43	11.49	87.27	5.4	33.67	7.9	25.7	0.86
F08	12 May 2021	44	11.41	87.00	5.3	33.67	7.9	25.7	0.78
F08	12 May 2021	45	11.37	86.48	5.2	33.67	7.9	25.7	0.72
F08	12 May 2021	46	11.36	86.62	5.2	33.67	7.9	25.7	0.72

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F08	12 May 2021	47	11.37	86.76	5.2	33.68	7.9	25.7	0.71
F08	12 May 2021	48	11.37	87.00	5.2	33.69	7.9	25.7	0.69
F08	12 May 2021	49	11.36	87.41	5.2	33.69	7.9	25.7	0.70
F08	12 May 2021	50	11.28	87.42	5.2	33.69	7.9	25.7	0.70
F08	12 May 2021	51	11.25	87.42	5.1	33.70	7.9	25.7	0.65
F08	12 May 2021	52	11.19	87.33	5.0	33.71	7.9	25.7	0.67
F08	12 May 2021	53	11.13	87.21	4.8	33.72	7.9	25.8	0.62
F08	12 May 2021	54	11.06	86.33	4.7	33.73	7.9	25.8	0.59
F08	12 May 2021	55	11.00	85.63	4.6	33.73	7.8	25.8	0.59
F08	12 May 2021	56	10.98	85.46	4.6	33.74	7.8	25.8	0.58
F08	12 May 2021	57	10.93	85.49	4.6	33.74	7.8	25.8	0.56
F08	12 May 2021	58	10.92	85.14	4.6	33.74	7.8	25.8	0.57
F08	12 May 2021	59	10.90	84.76	4.6	33.74	7.8	25.8	0.64
F08	12 May 2021	60	10.89	84.21	4.6	33.74	7.8	25.8	0.59
F08	12 May 2021	61	10.88	83.83	4.6	33.75	7.8	25.8	0.58
F08	12 May 2021	62	10.88	83.49	4.6	33.75	7.8	25.8	0.57
F09	12 May 2021	1	17.87	71.81	10.6	33.73	8.4	24.3	2.73
F09	12 May 2021	2	17.75	63.81	10.6	33.73	8.4	24.4	7.06
F09	12 May 2021	3	17.59	64.80	10.2	33.73	8.4	24.4	10.42
F09	12 May 2021	4	17.33	70.10	9.9	33.74	8.4	24.5	7.42
F09	12 May 2021	5	17.03	78.45	9.6	33.71	8.3	24.5	4.24
F09	12 May 2021	6	16.74	81.38	9.7	33.71	8.3	24.6	3.46
F09	12 May 2021	7	16.56	79.86	9.9	33.69	8.3	24.6	3.89
F09	12 May 2021	8	16.19	79.88	9.9	33.73	8.3	24.7	3.75
F09	12 May 2021	9	15.14	79.90	9.9	33.76	8.3	25.0	3.54
F09	12 May 2021	10	14.58	80.48	9.2	33.70	8.3	25.1	3.23
F09	12 May 2021	11	14.17	81.28	8.6	33.66	8.2	25.1	2.94
F09	12 May 2021	12	13.83	81.58	7.9	33.68	8.2	25.2	2.68
F09	12 May 2021	13	13.83	82.19	7.2	33.68	8.1	25.2	2.41
F09	12 May 2021	14	13.80	82.52	6.9	33.69	8.1	25.2	2.18
F09	12 May 2021	15	13.66	82.82	6.6	33.70	8.1	25.3	1.99
F09	12 May 2021	16	13.55	82.95	6.6	33.70	8.1	25.3	2.19
F09	12 May 2021	17	13.39	82.71	6.5	33.70	8.1	25.3	2.49
F09	12 May 2021	18	13.27	82.64	6.7	33.69	8.1	25.3	2.64
F09	12 May 2021	19	13.11	82.76	6.8	33.69	8.1	25.4	2.82
F09	12 May 2021	20	12.88	82.77	6.9	33.66	8.1	25.4	3.00
F09	12 May 2021	21	12.60	82.49	6.9	33.63	8.1	25.4	3.60
F09	12 May 2021	22	12.50	82.28	6.7	33.62	8.0	25.4	3.40
F09	12 May 2021	23	12.47	84.58	6.4	33.66	8.0	25.5	2.28
F09	12 May 2021	24	12.24	85.29	6.5	33.64	8.0	25.5	2.06
F09	12 May 2021	25	12.21	85.66	6.9	33.62	8.0	25.5	2.00
F09	12 May 2021	26	12.21	85.81	7.1	33.63	8.0	25.5	2.03
F09	12 May 2021	27	12.24	85.80	7.2	33.64	8.0	25.5	1.80
F09	12 May 2021	28	12.32	85.91	7.4	33.69	8.0	25.5	1.77
F09	12 May 2021	29	12.29	86.10	7.4	33.69	8.0	25.5	1.69
F09	12 May 2021	30	12.18	86.29	7.4	33.69	8.0	25.5	1.49
F09	12 May 2021	31	12.15	86.49	7.3	33.69	8.0	25.5	1.40
F09	12 May 2021	32	12.14	86.61	7.3	33.69	8.0	25.5	1.33
F09	12 May 2021	33	12.12	86.62	7.3	33.69	8.0	25.5	1.40
F09	12 May 2021	34	12.06	86.51	7.2	33.69	8.0	25.6	1.38
F09	12 May 2021	35	12.00	86.58	7.1	33.69	8.0	25.6	1.24
F09	12 May 2021	36	11.94	86.79	7.0	33.69	8.0	25.6	1.15
F09	12 May 2021	37	11.87	87.02	6.8	33.69	8.0	25.6	1.09
F09	12 May 2021	38	11.77	86.98	6.4	33.68	8.0	25.6	0.94
F09	12 May 2021	39	11.71	87.17	6.1	33.67	8.0	25.6	0.87
F09	12 May 2021	40	11.67	87.35	5.9	33.67	8.0	25.6	0.82
F09	12 May 2021	41	11.63	87.32	5.7	33.67	7.9	25.6	0.81
F09	12 May 2021	42	11.53	87.39	5.5	33.67	7.9	25.6	0.87
F09	12 May 2021	43	11.49	87.38	5.4	33.68	7.9	25.7	0.75
F09	12 May 2021	44	11.47	87.37	5.4	33.69	7.9	25.7	0.79

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F09	12 May 2021	45	11.42	87.55	5.4	33.70	7.9	25.7	0.69
F09	12 May 2021	46	11.41	87.58	5.4	33.69	7.9	25.7	0.64
F09	12 May 2021	47	11.34	87.54	5.3	33.70	7.9	25.7	0.65
F09	12 May 2021	48	11.25	87.66	5.2	33.70	7.9	25.7	0.68
F09	12 May 2021	49	11.21	87.61	5.1	33.71	7.9	25.7	0.67
F09	12 May 2021	50	11.20	87.62	5.1	33.71	7.9	25.7	0.64
F09	12 May 2021	51	11.18	87.58	5.1	33.71	7.9	25.7	0.62
F09	12 May 2021	52	11.14	87.45	5.1	33.72	7.9	25.8	0.61
F09	12 May 2021	53	11.11	87.71	5.1	33.72	7.9	25.8	0.65
F09	12 May 2021	54	11.09	87.76	5.1	33.72	7.9	25.8	0.61
F09	12 May 2021	55	11.06	87.71	5.0	33.73	7.9	25.8	0.75
F09	12 May 2021	56	11.00	87.58	4.9	33.73	7.9	25.8	0.59
F09	12 May 2021	57	10.96	87.40	4.8	33.73	7.9	25.8	0.58
F09	12 May 2021	58	10.94	86.94	4.7	33.74	7.8	25.8	0.58
F09	12 May 2021	59	10.90	86.30	4.6	33.75	7.8	25.8	0.56
F09	12 May 2021	60	10.87	85.33	4.5	33.75	7.8	25.8	0.54
F09	12 May 2021	61	10.86	83.79	4.4	33.75	7.8	25.8	0.55
F09	12 May 2021	62	10.86	83.33	4.4	33.75	7.8	25.8	0.57
F09	12 May 2021	63	10.86	83.26	4.4	33.75	7.8	25.8	0.55
F10	12 May 2021	1	18.05	71.67	10.6	33.73	8.4	24.3	3.82
F10	12 May 2021	2	18.03	70.06	10.6	33.73	8.4	24.3	4.89
F10	12 May 2021	3	17.90	65.36	10.7	33.73	8.4	24.3	10.32
F10	12 May 2021	4	17.44	69.29	10.6	33.72	8.4	24.4	8.99
F10	12 May 2021	5	17.32	75.95	10.5	33.72	8.4	24.5	6.56
F10	12 May 2021	6	17.00	79.87	10.3	33.70	8.4	24.5	3.28
F10	12 May 2021	7	16.35	81.60	9.7	33.71	8.3	24.7	2.31
F10	12 May 2021	8	16.12	82.23	9.4	33.65	8.3	24.7	2.06
F10	12 May 2021	9	15.33	82.34	9.0	33.62	8.2	24.8	2.09
F10	12 May 2021	10	15.02	82.00	9.0	33.56	8.2	24.9	2.08
F10	12 May 2021	11	14.71	82.15	9.1	33.57	8.2	24.9	1.98
F10	12 May 2021	12	14.57	82.13	9.2	33.56	8.2	25.0	1.96
F10	12 May 2021	13	14.29	81.96	8.8	33.65	8.2	25.1	2.34
F10	12 May 2021	14	14.00	82.16	8.1	33.67	8.2	25.2	2.32
F10	12 May 2021	15	13.75	82.51	7.7	33.67	8.1	25.2	2.28
F10	12 May 2021	16	13.77	82.68	7.2	33.69	8.1	25.2	2.11
F10	12 May 2021	17	13.78	82.89	6.9	33.70	8.1	25.2	2.04
F10	12 May 2021	18	13.78	83.08	6.8	33.70	8.1	25.2	1.96
F10	12 May 2021	19	13.74	83.19	6.8	33.70	8.1	25.2	1.92
F10	12 May 2021	20	13.71	83.39	6.8	33.70	8.1	25.2	1.91
F10	12 May 2021	21	13.54	82.99	6.9	33.70	8.1	25.3	2.07
F10	12 May 2021	22	13.23	82.83	7.2	33.67	8.1	25.3	2.39
F10	12 May 2021	23	12.99	82.56	7.5	33.63	8.1	25.3	3.22
F10	12 May 2021	24	12.80	81.98	7.4	33.63	8.1	25.4	4.25
F10	12 May 2021	25	12.51	82.58	7.1	33.61	8.1	25.4	3.70
F10	12 May 2021	26	12.47	84.06	7.0	33.60	8.0	25.4	3.38
F10	12 May 2021	27	12.27	84.84	6.8	33.61	8.0	25.5	2.62
F10	12 May 2021	28	12.27	84.82	7.1	33.62	8.0	25.5	2.42
F10	12 May 2021	29	12.42	85.71	7.5	33.68	8.0	25.5	2.04
F10	12 May 2021	30	12.42	85.63	7.6	33.69	8.0	25.5	2.05
F10	12 May 2021	31	12.35	85.81	7.5	33.70	8.0	25.5	1.96
F10	12 May 2021	32	12.31	85.80	7.4	33.70	8.0	25.5	1.82
F10	12 May 2021	33	12.18	86.05	7.3	33.70	8.0	25.5	1.64
F10	12 May 2021	34	12.05	86.37	7.2	33.69	8.0	25.6	1.41
F10	12 May 2021	35	12.02	86.70	7.1	33.68	8.0	25.6	1.30
F10	12 May 2021	36	11.88	86.83	6.8	33.68	8.0	25.6	1.14
F10	12 May 2021	37	11.84	86.95	6.7	33.68	8.0	25.6	1.14
F10	12 May 2021	38	11.74	87.07	6.4	33.67	8.0	25.6	1.06
F10	12 May 2021	39	11.68	87.17	6.2	33.67	8.0	25.6	0.90
F10	12 May 2021	40	11.61	87.37	5.8	33.67	7.9	25.6	0.84
F10	12 May 2021	41	11.52	87.47	5.5	33.67	7.9	25.6	0.77

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F10	12 May 2021	42	11.47	87.49	5.4	33.67	7.9	25.7	0.77
F10	12 May 2021	43	11.45	87.57	5.3	33.69	7.9	25.7	0.74
F10	12 May 2021	44	11.44	87.46	5.2	33.69	7.9	25.7	0.69
F10	12 May 2021	45	11.43	87.33	5.2	33.70	7.9	25.7	0.66
F10	12 May 2021	46	11.40	87.30	5.2	33.70	7.9	25.7	0.63
F10	12 May 2021	47	11.37	87.36	5.2	33.69	7.9	25.7	0.65
F10	12 May 2021	48	11.35	87.41	5.2	33.69	7.9	25.7	0.63
F10	12 May 2021	49	11.33	87.52	5.1	33.70	7.9	25.7	0.65
F10	12 May 2021	50	11.24	87.41	5.0	33.71	7.9	25.7	0.61
F10	12 May 2021	51	11.16	87.38	5.0	33.71	7.9	25.7	0.62
F10	12 May 2021	52	11.10	87.50	5.0	33.72	7.9	25.8	0.60
F10	12 May 2021	53	11.09	87.66	5.0	33.72	7.9	25.8	0.59
F10	12 May 2021	54	11.06	87.71	5.0	33.72	7.9	25.8	0.58
F10	12 May 2021	55	11.02	87.69	4.9	33.72	7.9	25.8	0.55
F10	12 May 2021	56	10.98	87.53	4.8	33.73	7.9	25.8	0.59
F10	12 May 2021	57	10.92	87.07	4.6	33.74	7.8	25.8	0.55
F10	12 May 2021	58	10.92	86.37	4.5	33.74	7.8	25.8	0.53
F10	12 May 2021	59	10.90	85.65	4.5	33.74	7.8	25.8	0.53
F10	12 May 2021	60	10.86	85.03	4.4	33.75	7.8	25.8	0.54
F10	12 May 2021	61	10.82	83.78	4.3	33.76	7.8	25.8	0.52
F10	12 May 2021	62	10.79	82.47	4.3	33.77	7.8	25.9	0.53
F11	12 May 2021	1	17.89	73.92	11.0	33.72	8.4	24.3	2.79
F11	12 May 2021	2	17.86	72.73	11.0	33.72	8.4	24.3	4.04
F11	12 May 2021	3	17.81	70.76	10.9	33.73	8.4	24.3	6.78
F11	12 May 2021	4	17.45	70.00	10.5	33.73	8.4	24.4	6.91
F11	12 May 2021	5	17.10	75.15	9.9	33.72	8.4	24.5	3.80
F11	12 May 2021	6	16.88	79.77	9.7	33.69	8.3	24.5	2.36
F11	12 May 2021	7	16.56	82.46	9.4	33.67	8.3	24.6	1.67
F11	12 May 2021	8	16.27	82.88	9.1	33.66	8.3	24.7	1.44
F11	12 May 2021	9	15.63	83.41	8.8	33.62	8.2	24.8	1.41
F11	12 May 2021	10	15.30	83.18	8.8	33.58	8.2	24.8	1.60
F11	12 May 2021	11	14.88	82.59	8.8	33.61	8.2	24.9	1.97
F11	12 May 2021	12	14.43	81.96	8.9	33.58	8.2	25.0	2.30
F11	12 May 2021	13	14.01	81.56	9.0	33.55	8.2	25.1	2.17
F11	12 May 2021	14	13.98	81.79	9.1	33.53	8.2	25.1	2.13
F11	12 May 2021	15	13.96	82.03	9.0	33.55	8.2	25.1	2.16
F11	12 May 2021	16	13.67	82.23	8.9	33.60	8.2	25.2	2.82
F11	12 May 2021	17	13.55	81.41	8.6	33.62	8.2	25.2	3.57
F11	12 May 2021	18	13.53	81.68	8.4	33.63	8.1	25.2	3.42
F11	12 May 2021	19	13.53	81.91	8.4	33.64	8.1	25.2	3.18
F11	12 May 2021	20	13.53	81.96	8.4	33.65	8.1	25.2	3.06
F11	12 May 2021	21	13.36	82.02	8.2	33.65	8.1	25.3	3.04
F11	12 May 2021	22	13.19	82.63	8.0	33.64	8.1	25.3	3.33
F11	12 May 2021	23	12.87	82.50	7.8	33.62	8.1	25.4	3.84
F11	12 May 2021	24	12.81	82.21	7.7	33.61	8.1	25.4	4.21
F11	12 May 2021	25	12.65	81.97	7.5	33.62	8.1	25.4	4.60
F11	12 May 2021	26	12.52	83.16	7.3	33.62	8.1	25.4	3.98
F11	12 May 2021	27	12.34	84.29	7.0	33.61	8.0	25.4	3.18
F11	12 May 2021	28	12.33	84.67	7.0	33.60	8.0	25.4	2.93
F11	12 May 2021	29	12.25	85.04	7.0	33.61	8.0	25.5	2.54
F11	12 May 2021	30	12.35	85.16	7.4	33.66	8.0	25.5	2.26
F11	12 May 2021	31	12.36	85.55	7.5	33.70	8.0	25.5	2.34
F11	12 May 2021	32	12.25	85.90	7.4	33.70	8.0	25.5	1.88
F11	12 May 2021	33	12.14	86.13	7.3	33.69	8.0	25.5	1.55
F11	12 May 2021	34	12.00	86.41	7.2	33.69	8.0	25.6	1.43
F11	12 May 2021	35	11.95	86.67	7.0	33.69	8.0	25.6	1.30
F11	12 May 2021	36	11.88	86.52	6.9	33.68	8.0	25.6	1.23
F11	12 May 2021	37	11.89	86.82	6.8	33.68	8.0	25.6	1.20
F11	12 May 2021	38	11.67	87.16	6.0	33.67	8.0	25.6	1.00
F11	12 May 2021	39	11.56	87.38	5.6	33.68	7.9	25.6	0.86

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F11	12 May 2021	40	11.54	87.43	5.4	33.67	7.9	25.6	0.77
F11	12 May 2021	41	11.55	87.36	5.3	33.69	7.9	25.7	0.68
F11	12 May 2021	42	11.56	87.15	5.2	33.70	7.9	25.7	0.62
F11	12 May 2021	43	11.53	86.97	5.2	33.71	7.9	25.7	0.61
F11	12 May 2021	44	11.47	86.81	5.1	33.70	7.9	25.7	0.60
F11	12 May 2021	45	11.46	87.01	5.2	33.70	7.9	25.7	0.59
F11	12 May 2021	46	11.43	87.11	5.1	33.70	7.9	25.7	0.60
F11	12 May 2021	47	11.40	87.18	5.1	33.70	7.9	25.7	0.61
F11	12 May 2021	48	11.39	87.22	5.1	33.70	7.9	25.7	0.60
F11	12 May 2021	49	11.38	87.25	5.1	33.70	7.9	25.7	0.61
F11	12 May 2021	50	11.34	87.14	5.1	33.70	7.9	25.7	0.61
F11	12 May 2021	51	11.29	87.22	5.0	33.70	7.9	25.7	0.59
F11	12 May 2021	52	11.25	87.17	5.0	33.70	7.9	25.7	0.58
F11	12 May 2021	53	11.20	87.22	5.0	33.71	7.9	25.7	0.58
F11	12 May 2021	54	11.17	87.21	5.0	33.71	7.9	25.7	0.57
F11	12 May 2021	55	11.12	87.27	5.0	33.71	7.9	25.8	0.57
F11	12 May 2021	56	11.09	87.36	4.9	33.71	7.9	25.8	0.59
F11	12 May 2021	57	11.08	87.45	4.9	33.71	7.9	25.8	0.63
F11	12 May 2021	58	10.97	87.36	4.8	33.73	7.9	25.8	0.56
F11	12 May 2021	59	10.88	87.39	4.6	33.74	7.8	25.8	0.55
F11	12 May 2021	60	10.86	86.53	4.5	33.74	7.8	25.8	0.53
F11	12 May 2021	61	10.78	85.40	4.3	33.77	7.8	25.9	0.52
F12	12 May 2021	1	17.99	68.98	8.7	33.74	8.3	24.3	3.30
F12	12 May 2021	2	17.97	68.62	8.7	33.75	8.3	24.3	3.87
F12	12 May 2021	3	17.78	66.77	8.7	33.75	8.3	24.4	5.41
F12	12 May 2021	4	17.14	68.96	9.2	33.72	8.3	24.5	3.60
F12	12 May 2021	5	16.82	79.15	9.0	33.69	8.3	24.6	1.86
F12	12 May 2021	6	16.33	82.69	8.8	33.64	8.2	24.6	1.29
F12	12 May 2021	7	15.91	83.51	8.7	33.62	8.2	24.7	1.18
F12	12 May 2021	8	15.46	83.69	8.8	33.59	8.2	24.8	1.29
F12	12 May 2021	9	15.25	83.51	8.8	33.58	8.2	24.8	1.39
F12	12 May 2021	10	15.01	83.21	8.9	33.58	8.2	24.9	1.59
F12	12 May 2021	11	14.63	82.81	8.8	33.59	8.2	25.0	2.06
F12	12 May 2021	12	14.27	82.38	8.9	33.59	8.2	25.0	2.72
F12	12 May 2021	13	13.94	81.20	8.9	33.59	8.2	25.1	3.64
F12	12 May 2021	14	13.68	80.29	8.8	33.57	8.2	25.1	3.97
F12	12 May 2021	15	13.50	79.97	8.7	33.57	8.2	25.2	4.17
F12	12 May 2021	16	13.45	80.15	8.8	33.58	8.2	25.2	4.31
F12	12 May 2021	17	13.43	80.84	8.8	33.58	8.2	25.2	4.47
F12	12 May 2021	18	13.42	81.20	8.8	33.59	8.2	25.2	3.98
F12	12 May 2021	19	13.33	81.34	8.6	33.61	8.2	25.2	3.56
F12	12 May 2021	20	13.20	81.41	8.5	33.61	8.1	25.3	3.53
F12	12 May 2021	21	13.11	81.95	8.2	33.63	8.1	25.3	3.57
F12	12 May 2021	22	12.87	82.12	7.8	33.63	8.1	25.4	4.53
F12	12 May 2021	23	12.70	81.97	7.6	33.61	8.1	25.4	4.61
F12	12 May 2021	24	12.60	82.80	7.6	33.61	8.1	25.4	4.39
F12	12 May 2021	25	12.69	83.46	7.8	33.64	8.1	25.4	3.56
F12	12 May 2021	26	12.66	83.92	7.8	33.66	8.1	25.4	3.16
F12	12 May 2021	27	12.57	84.33	7.6	33.65	8.1	25.4	3.15
F12	12 May 2021	28	12.40	84.28	7.3	33.63	8.0	25.5	2.89
F12	12 May 2021	29	12.39	84.67	7.5	33.65	8.0	25.5	2.57
F12	12 May 2021	30	12.44	85.11	7.7	33.69	8.0	25.5	2.25
F12	12 May 2021	31	12.34	85.52	7.6	33.69	8.0	25.5	1.98
F12	12 May 2021	32	12.30	85.85	7.4	33.70	8.0	25.5	1.78
F12	12 May 2021	33	12.15	86.10	7.3	33.69	8.0	25.5	1.59
F12	12 May 2021	34	12.06	86.36	7.2	33.68	8.0	25.6	1.36
F12	12 May 2021	35	12.00	86.79	7.1	33.67	8.0	25.6	1.18
F12	12 May 2021	36	11.98	86.90	7.1	33.67	8.0	25.6	1.13
F12	12 May 2021	37	11.92	86.95	7.0	33.68	8.0	25.6	1.16
F12	12 May 2021	38	11.84	86.95	6.8	33.68	8.0	25.6	1.09

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F12	12 May 2021	39	11.74	87.02	6.5	33.68	8.0	25.6	1.01
F12	12 May 2021	40	11.60	87.14	5.9	33.67	7.9	25.6	0.88
F12	12 May 2021	41	11.54	87.28	5.5	33.68	7.9	25.7	0.77
F12	12 May 2021	42	11.52	87.41	5.5	33.68	7.9	25.7	0.74
F12	12 May 2021	43	11.48	87.38	5.5	33.68	7.9	25.7	0.74
F12	12 May 2021	44	11.47	87.31	5.5	33.68	7.9	25.7	0.73
F12	12 May 2021	45	11.46	87.39	5.4	33.68	7.9	25.7	0.71
F12	12 May 2021	46	11.45	87.45	5.4	33.68	7.9	25.7	0.74
F12	12 May 2021	47	11.37	87.39	5.4	33.69	7.9	25.7	0.72
F12	12 May 2021	48	11.21	87.60	5.3	33.68	7.9	25.7	0.68
F12	12 May 2021	49	11.21	87.72	5.3	33.69	7.9	25.7	0.76
F12	12 May 2021	50	11.21	87.74	5.3	33.69	7.9	25.7	0.63
F12	12 May 2021	51	11.20	87.75	5.2	33.70	7.9	25.7	0.61
F12	12 May 2021	52	11.17	87.70	5.1	33.71	7.9	25.7	0.59
F12	12 May 2021	53	11.08	87.62	5.0	33.71	7.9	25.8	0.58
F12	12 May 2021	54	11.03	87.47	5.0	33.71	7.9	25.8	0.60
F12	12 May 2021	55	11.00	87.66	5.0	33.71	7.9	25.8	0.57
F12	12 May 2021	56	10.97	87.64	5.0	33.72	7.9	25.8	0.62
F12	12 May 2021	57	10.96	87.64	4.9	33.72	7.9	25.8	0.55
F12	12 May 2021	58	10.95	87.64	4.9	33.73	7.9	25.8	0.57
F12	12 May 2021	59	10.91	87.59	4.8	33.73	7.8	25.8	0.54
F12	12 May 2021	60	10.87	87.33	4.6	33.74	7.8	25.8	0.53
F12	12 May 2021	61	10.83	86.55	4.4	33.75	7.8	25.8	0.56
F12	12 May 2021	62	10.79	84.59	4.3	33.76	7.8	25.8	0.52
F12	12 May 2021	63	10.82	83.48	4.3	33.76	7.8	25.8	0.58
F13	12 May 2021	1	17.53	78.25	10.2	33.71	8.4	24.4	1.84
F13	12 May 2021	2	17.54	78.48	10.2	33.72	8.4	24.4	1.86
F13	12 May 2021	3	17.52	78.38	10.2	33.72	8.4	24.4	2.11
F13	12 May 2021	4	17.50	78.22	10.1	33.72	8.4	24.4	2.35
F13	12 May 2021	5	17.37	78.46	9.5	33.72	8.4	24.4	2.21
F13	12 May 2021	6	17.07	80.85	9.1	33.70	8.3	24.5	1.57
F13	12 May 2021	7	16.86	83.27	9.1	33.68	8.3	24.5	1.24
F13	12 May 2021	8	16.64	83.78	8.9	33.68	8.3	24.6	1.09
F13	12 May 2021	9	15.91	84.17	8.8	33.64	8.2	24.7	1.05
F13	12 May 2021	10	15.59	84.15	8.9	33.60	8.2	24.8	1.08
F13	12 May 2021	11	15.24	83.60	8.9	33.59	8.2	24.8	1.18
F13	12 May 2021	12	14.96	83.35	8.8	33.58	8.2	24.9	1.39
F13	12 May 2021	13	14.62	83.07	8.9	33.58	8.2	25.0	1.83
F13	12 May 2021	14	14.48	82.52	8.8	33.58	8.2	25.0	2.26
F13	12 May 2021	15	14.16	82.13	8.9	33.58	8.2	25.1	2.81
F13	12 May 2021	16	13.92	81.49	8.9	33.59	8.2	25.1	3.71
F13	12 May 2021	17	13.60	80.63	8.7	33.60	8.2	25.2	4.36
F13	12 May 2021	18	13.33	80.15	8.5	33.56	8.2	25.2	4.80
F13	12 May 2021	19	13.29	81.12	8.5	33.59	8.1	25.2	4.54
F13	12 May 2021	20	13.17	81.83	8.4	33.61	8.1	25.3	4.22
F13	12 May 2021	21	13.00	82.02	8.1	33.62	8.1	25.3	4.13
F13	12 May 2021	22	12.69	82.25	7.8	33.60	8.1	25.4	4.28
F13	12 May 2021	23	12.77	82.64	7.9	33.64	8.1	25.4	3.89
F13	12 May 2021	24	12.72	83.88	7.9	33.69	8.1	25.4	3.41
F13	12 May 2021	25	12.51	84.60	7.5	33.66	8.1	25.5	3.07
F13	12 May 2021	26	12.37	85.06	7.4	33.63	8.0	25.5	2.56
F13	12 May 2021	27	12.34	85.16	7.5	33.65	8.0	25.5	2.24
F13	12 May 2021	28	12.37	85.36	7.5	33.68	8.0	25.5	2.01
F13	12 May 2021	29	12.34	85.82	7.4	33.69	8.0	25.5	1.84
F13	12 May 2021	30	12.30	85.90	7.4	33.69	8.0	25.5	1.81
F13	12 May 2021	31	12.13	85.75	7.3	33.69	8.0	25.5	1.55
F13	12 May 2021	32	12.08	86.36	7.2	33.68	8.0	25.5	1.38
F13	12 May 2021	33	11.99	86.87	7.1	33.69	8.0	25.6	1.28
F13	12 May 2021	34	11.91	87.10	7.0	33.68	8.0	25.6	1.12
F13	12 May 2021	35	11.82	87.10	6.8	33.69	8.0	25.6	1.03

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F13	12 May 2021	36	11.77	87.09	6.6	33.67	8.0	25.6	1.00
F13	12 May 2021	37	11.71	87.24	6.2	33.69	8.0	25.6	0.93
F13	12 May 2021	38	11.58	87.31	5.6	33.68	7.9	25.6	0.87
F13	12 May 2021	39	11.53	87.40	5.5	33.68	7.9	25.7	0.74
F13	12 May 2021	40	11.53	87.43	5.5	33.68	7.9	25.6	0.72
F13	12 May 2021	41	11.50	87.50	5.5	33.68	7.9	25.7	0.73
F13	12 May 2021	42	11.44	87.44	5.5	33.68	7.9	25.7	0.68
F13	12 May 2021	43	11.44	87.52	5.4	33.68	7.9	25.7	0.74
F13	12 May 2021	44	11.43	87.55	5.4	33.69	7.9	25.7	0.72
F13	12 May 2021	45	11.37	87.68	5.3	33.69	7.9	25.7	0.67
F13	12 May 2021	46	11.29	87.65	5.2	33.70	7.9	25.7	0.68
F13	12 May 2021	47	11.30	87.68	5.2	33.70	7.9	25.7	0.67
F13	12 May 2021	48	11.20	87.53	5.0	33.71	7.9	25.7	0.61
F13	12 May 2021	49	11.12	87.14	4.9	33.71	7.9	25.8	0.67
F13	12 May 2021	50	11.07	87.27	5.0	33.71	7.9	25.8	0.66
F13	12 May 2021	51	11.04	87.60	5.0	33.71	7.9	25.8	0.64
F13	12 May 2021	52	11.03	87.57	5.0	33.72	7.9	25.8	0.57
F13	12 May 2021	53	11.01	87.77	5.0	33.72	7.9	25.8	0.55
F13	12 May 2021	54	11.01	87.80	5.0	33.72	7.9	25.8	0.59
F13	12 May 2021	55	10.97	87.90	4.9	33.73	7.9	25.8	0.54
F13	12 May 2021	56	10.93	87.83	4.8	33.74	7.9	25.8	0.59
F13	12 May 2021	57	10.86	87.67	4.6	33.74	7.8	25.8	0.62
F13	12 May 2021	58	10.79	86.79	4.4	33.76	7.8	25.8	0.53
F13	12 May 2021	59	10.80	84.95	4.3	33.75	7.8	25.8	0.51
F13	12 May 2021	60	10.75	83.28	4.3	33.77	7.8	25.9	0.50
F13	12 May 2021	61	10.73	81.35	4.2	33.77	7.8	25.9	0.51
F13	12 May 2021	62	10.73	80.12	4.2	33.77	7.8	25.9	0.51
F14	12 May 2021	1	17.23	81.78	9.4	33.71	8.3	24.5	1.02
F14	12 May 2021	2	17.23	81.84	9.4	33.71	8.3	24.5	1.06
F14	12 May 2021	3	17.23	81.78	9.4	33.71	8.3	24.5	1.11
F14	12 May 2021	4	17.18	81.84	9.3	33.71	8.3	24.5	1.08
F14	12 May 2021	5	17.11	82.83	9.2	33.70	8.3	24.5	1.01
F14	12 May 2021	6	17.02	83.58	9.2	33.70	8.3	24.5	1.02
F14	12 May 2021	7	16.89	83.75	9.1	33.68	8.3	24.5	1.05
F14	12 May 2021	8	16.42	84.23	8.9	33.66	8.2	24.6	1.01
F14	12 May 2021	9	15.88	84.17	8.9	33.62	8.2	24.7	1.03
F14	12 May 2021	10	15.63	83.68	8.9	33.61	8.2	24.8	1.10
F14	12 May 2021	11	15.17	83.30	8.9	33.57	8.2	24.8	1.25
F14	12 May 2021	12	14.90	83.26	8.9	33.56	8.2	24.9	1.44
F14	12 May 2021	13	14.82	83.02	8.9	33.56	8.2	24.9	1.68
F14	12 May 2021	14	14.55	82.32	9.0	33.55	8.2	25.0	2.49
F14	12 May 2021	15	14.30	81.44	8.9	33.58	8.2	25.0	2.78
F14	12 May 2021	16	13.85	80.51	9.0	33.56	8.2	25.1	3.76
F14	12 May 2021	17	13.82	79.86	8.9	33.57	8.2	25.1	4.43
F14	12 May 2021	18	13.48	78.48	8.7	33.57	8.2	25.2	6.40
F14	12 May 2021	19	13.43	79.13	8.6	33.56	8.1	25.2	7.32
F14	12 May 2021	20	13.24	81.79	8.4	33.59	8.1	25.3	5.55
F14	12 May 2021	21	12.97	82.23	8.1	33.59	8.1	25.3	5.13
F14	12 May 2021	22	12.92	82.92	8.1	33.63	8.1	25.3	4.22
F14	12 May 2021	23	12.92	83.40	8.2	33.66	8.1	25.4	3.53
F14	12 May 2021	24	12.92	83.78	8.2	33.68	8.1	25.4	3.41
F14	12 May 2021	25	12.89	84.09	8.2	33.70	8.1	25.4	3.24
F14	12 May 2021	26	12.88	84.58	8.1	33.69	8.1	25.4	3.00
F14	12 May 2021	27	12.81	84.98	8.0	33.70	8.1	25.4	2.76
F14	12 May 2021	28	12.57	85.30	7.7	33.67	8.1	25.4	2.56
F14	12 May 2021	29	12.43	85.46	7.5	33.67	8.0	25.5	2.52
F14	12 May 2021	30	12.25	85.67	7.2	33.63	8.0	25.5	2.19
F14	12 May 2021	31	12.20	85.78	7.0	33.62	8.0	25.5	2.09
F14	12 May 2021	32	12.20	85.87	7.0	33.63	8.0	25.5	2.18
F14	12 May 2021	33	12.13	85.83	7.0	33.63	8.0	25.5	2.03

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F14	12 May 2021	34	12.17	86.13	7.2	33.65	8.0	25.5	1.61
F14	12 May 2021	35	12.12	86.63	7.1	33.69	8.0	25.6	1.35
F14	12 May 2021	36	12.05	86.35	6.9	33.70	8.0	25.6	1.33
F14	12 May 2021	37	11.85	86.73	6.7	33.69	8.0	25.6	1.15
F14	12 May 2021	38	11.79	86.95	6.6	33.68	8.0	25.6	1.16
F14	12 May 2021	39	11.70	87.16	6.2	33.67	8.0	25.6	0.99
F14	12 May 2021	40	11.65	87.19	5.8	33.66	7.9	25.6	0.94
F14	12 May 2021	41	11.70	87.25	5.9	33.66	7.9	25.6	0.90
F14	12 May 2021	42	11.59	87.31	5.6	33.67	7.9	25.6	0.85
F14	12 May 2021	43	11.59	87.40	5.5	33.67	7.9	25.6	0.88
F14	12 May 2021	44	11.51	87.52	5.4	33.68	7.9	25.7	0.75
F14	12 May 2021	45	11.48	87.60	5.3	33.67	7.9	25.7	0.75
F14	12 May 2021	46	11.50	87.58	5.3	33.67	7.9	25.7	0.75
F14	12 May 2021	47	11.44	87.65	5.3	33.68	7.9	25.7	0.77
F14	12 May 2021	48	11.37	87.71	5.2	33.69	7.9	25.7	0.71
F14	12 May 2021	49	11.23	87.67	5.1	33.71	7.9	25.7	0.67
F14	12 May 2021	50	11.16	87.66	5.0	33.71	7.9	25.7	0.64
F14	12 May 2021	51	11.12	87.28	4.9	33.71	7.9	25.7	0.60
F14	12 May 2021	52	11.05	87.00	4.8	33.72	7.9	25.8	0.59
F14	12 May 2021	53	10.96	87.30	4.7	33.73	7.8	25.8	0.55
F14	12 May 2021	54	10.93	87.78	4.8	33.73	7.8	25.8	0.53
F14	12 May 2021	55	10.89	87.84	4.8	33.73	7.8	25.8	0.57
F14	12 May 2021	56	10.87	87.84	4.8	33.73	7.8	25.8	0.52
F14	12 May 2021	57	10.84	87.82	4.7	33.74	7.8	25.8	0.54
F14	12 May 2021	58	10.81	87.32	4.5	33.75	7.8	25.8	0.50
F14	12 May 2021	59	10.79	85.68	4.4	33.75	7.8	25.8	0.50
F14	12 May 2021	60	10.75	83.51	4.2	33.77	7.8	25.9	0.51
F14	12 May 2021	61	10.73	82.29	4.2	33.77	7.8	25.9	0.51
F15	13 May 2021	1	17.29	84.21	8.5	33.66	8.2	24.4	0.47
F15	13 May 2021	2	17.27	84.26	8.5	33.66	8.2	24.4	0.47
F15	13 May 2021	3	17.20	84.13	8.6	33.66	8.2	24.4	0.49
F15	13 May 2021	4	17.17	84.11	8.6	33.66	8.2	24.4	0.53
F15	13 May 2021	5	17.15	83.93	8.6	33.66	8.2	24.5	0.56
F15	13 May 2021	6	17.13	83.83	8.6	33.66	8.2	24.5	0.57
F15	13 May 2021	7	17.11	83.79	8.5	33.66	8.2	24.5	0.60
F15	13 May 2021	8	17.05	83.72	8.6	33.66	8.2	24.5	0.65
F15	13 May 2021	9	16.97	83.65	8.5	33.66	8.2	24.5	0.72
F15	13 May 2021	10	16.85	83.54	8.4	33.66	8.2	24.5	0.76
F15	13 May 2021	11	16.47	83.53	8.4	33.69	8.2	24.6	0.78
F15	13 May 2021	12	15.68	83.14	8.6	33.69	8.2	24.8	0.87
F15	13 May 2021	13	15.41	82.41	8.7	33.67	8.2	24.9	1.13
F15	13 May 2021	14	15.11	81.64	8.7	33.68	8.2	24.9	1.58
F15	13 May 2021	15	14.74	80.58	8.8	33.68	8.1	25.0	2.11
F15	13 May 2021	16	14.32	79.71	8.8	33.70	8.1	25.1	3.00
F15	13 May 2021	17	14.01	80.34	8.8	33.70	8.1	25.2	3.23
F15	13 May 2021	18	13.84	80.89	8.6	33.70	8.1	25.2	3.40
F15	13 May 2021	19	13.59	80.66	8.5	33.71	8.1	25.3	3.99
F15	13 May 2021	20	13.36	81.51	8.3	33.71	8.1	25.3	3.75
F15	13 May 2021	21	13.14	82.94	8.1	33.70	8.1	25.4	3.40
F15	13 May 2021	22	12.89	83.68	8.0	33.67	8.1	25.4	3.09
F15	13 May 2021	23	12.83	84.16	8.0	33.66	8.1	25.4	2.84
F15	13 May 2021	24	12.82	84.25	8.0	33.66	8.0	25.4	2.65
F15	13 May 2021	25	12.81	84.33	7.9	33.67	8.0	25.4	2.68
F15	13 May 2021	26	12.69	84.54	7.8	33.67	8.0	25.4	2.54
F15	13 May 2021	27	12.58	85.10	7.8	33.66	8.0	25.4	2.41
F15	13 May 2021	28	12.54	85.47	7.8	33.66	8.0	25.4	2.19
F15	13 May 2021	29	12.49	85.51	7.7	33.66	8.0	25.5	2.19
F15	13 May 2021	30	12.47	85.66	7.8	33.66	8.0	25.5	2.01
F15	13 May 2021	31	12.44	85.80	7.7	33.67	8.0	25.5	1.88
F15	13 May 2021	32	12.32	86.12	7.6	33.68	8.0	25.5	1.70

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F15	13 May 2021	33	12.28	86.35	7.6	33.67	8.0	25.5	1.68
F15	13 May 2021	34	12.25	86.50	7.5	33.67	8.0	25.5	1.50
F15	13 May 2021	35	12.23	86.48	7.5	33.68	8.0	25.5	1.39
F15	13 May 2021	36	12.20	86.58	7.5	33.68	8.0	25.5	1.39
F15	13 May 2021	37	12.19	86.65	7.4	33.68	8.0	25.5	1.33
F15	13 May 2021	38	12.16	86.69	7.4	33.68	8.0	25.5	1.27
F15	13 May 2021	39	12.13	86.81	7.4	33.68	8.0	25.5	1.20
F15	13 May 2021	40	12.12	86.89	7.3	33.68	8.0	25.5	1.19
F15	13 May 2021	41	12.07	86.96	7.2	33.69	8.0	25.6	1.13
F15	13 May 2021	42	11.90	87.06	7.0	33.69	8.0	25.6	1.08
F15	13 May 2021	43	11.81	87.14	6.8	33.67	7.9	25.6	1.03
F15	13 May 2021	44	11.76	87.19	6.6	33.66	7.9	25.6	1.03
F15	13 May 2021	45	11.74	87.17	6.5	33.66	7.9	25.6	1.05
F15	13 May 2021	46	11.73	87.18	6.4	33.65	7.9	25.6	1.04
F15	13 May 2021	47	11.71	87.15	6.4	33.66	7.9	25.6	1.06
F15	13 May 2021	48	11.66	87.20	6.3	33.66	7.9	25.6	0.96
F15	13 May 2021	49	11.56	87.42	6.3	33.67	7.9	25.6	0.88
F15	13 May 2021	50	11.46	87.54	6.2	33.66	7.9	25.7	0.82
F15	13 May 2021	51	11.41	87.58	6.1	33.67	7.9	25.7	0.76
F15	13 May 2021	52	11.41	87.61	6.1	33.67	7.9	25.7	0.71
F15	13 May 2021	53	11.38	87.60	6.1	33.67	7.9	25.7	0.69
F15	13 May 2021	54	11.34	87.64	6.0	33.67	7.9	25.7	0.86
F15	13 May 2021	55	11.30	87.70	5.9	33.67	7.9	25.7	0.70
F15	13 May 2021	56	11.22	87.70	5.8	33.67	7.9	25.7	0.64
F15	13 May 2021	57	11.18	87.78	5.7	33.67	7.9	25.7	0.75
F15	13 May 2021	58	11.14	87.76	5.7	33.67	7.9	25.7	0.59
F15	13 May 2021	59	11.12	87.82	5.6	33.67	7.9	25.7	0.58
F15	13 May 2021	60	11.09	87.84	5.6	33.67	7.9	25.7	0.57
F15	13 May 2021	61	11.06	87.88	5.6	33.67	7.9	25.7	0.56
F15	13 May 2021	62	11.05	87.91	5.5	33.67	7.8	25.7	0.55
F15	13 May 2021	63	11.05	87.81	5.3	33.69	7.8	25.7	0.52
F15	13 May 2021	64	11.05	87.56	5.1	33.72	7.8	25.8	0.54
F15	13 May 2021	65	11.03	87.27	4.9	33.72	7.8	25.8	0.54
F15	13 May 2021	66	10.99	86.65	4.7	33.74	7.8	25.8	0.59
F15	13 May 2021	67	10.96	86.21	4.6	33.75	7.8	25.8	0.55
F15	13 May 2021	68	10.95	86.00	4.5	33.75	7.8	25.8	0.54
F15	13 May 2021	69	10.91	85.82	4.5	33.76	7.8	25.8	0.53
F15	13 May 2021	70	10.90	85.65	4.4	33.76	7.8	25.8	0.55
F15	13 May 2021	71	10.89	85.37	4.4	33.76	7.8	25.8	0.54
F15	13 May 2021	72	10.86	85.07	4.4	33.77	7.8	25.8	0.54
F15	13 May 2021	73	10.85	84.87	4.4	33.77	7.8	25.8	0.53
F15	13 May 2021	74	10.85	84.84	4.3	33.77	7.8	25.8	0.53
F15	13 May 2021	75	10.84	84.71	4.3	33.77	7.8	25.8	0.59
F15	13 May 2021	76	10.83	84.61	4.3	33.77	7.8	25.8	0.55
F15	13 May 2021	77	10.82	84.61	4.3	33.77	7.8	25.9	0.51
F15	13 May 2021	78	10.79	84.12	4.3	33.78	7.8	25.9	0.50
F15	13 May 2021	79	10.71	82.90	4.2	33.79	7.8	25.9	0.49
F15	13 May 2021	80	10.68	82.00	4.2	33.80	7.8	25.9	0.48
F15	13 May 2021	81	10.63	80.46	4.1	33.80	7.8	25.9	0.46
F15	13 May 2021	82	10.62	80.05	4.1	33.80	7.8	25.9	0.47
F16	13 May 2021	1	17.28	84.16	8.5	33.67	8.2	24.4	0.51
F16	13 May 2021	2	17.26	84.12	8.5	33.67	8.2	24.4	0.51
F16	13 May 2021	3	17.20	84.06	8.5	33.67	8.2	24.4	0.54
F16	13 May 2021	4	17.16	83.90	8.5	33.66	8.2	24.5	0.58
F16	13 May 2021	5	17.12	83.75	8.5	33.66	8.2	24.5	0.61
F16	13 May 2021	6	17.01	83.73	8.5	33.66	8.2	24.5	0.68
F16	13 May 2021	7	16.93	83.70	8.5	33.66	8.2	24.5	0.72
F16	13 May 2021	8	16.68	83.57	8.4	33.67	8.2	24.6	0.72
F16	13 May 2021	9	15.93	83.34	8.7	33.68	8.2	24.7	0.80
F16	13 May 2021	10	15.78	82.49	8.9	33.64	8.2	24.7	0.96

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F16	13 May 2021	11	15.75	82.10	8.9	33.64	8.2	24.8	1.00
F16	13 May 2021	12	15.54	81.85	8.9	33.65	8.2	24.8	1.10
F16	13 May 2021	13	15.43	81.69	8.9	33.64	8.2	24.8	1.29
F16	13 May 2021	14	15.20	81.45	8.8	33.67	8.2	24.9	1.75
F16	13 May 2021	15	14.60	80.80	8.8	33.70	8.2	25.1	2.02
F16	13 May 2021	16	14.13	80.51	8.7	33.72	8.1	25.2	2.53
F16	13 May 2021	17	13.80	81.46	8.6	33.71	8.1	25.2	3.17
F16	13 May 2021	18	13.69	82.09	8.6	33.70	8.1	25.2	3.45
F16	13 May 2021	19	13.62	82.40	8.5	33.71	8.1	25.3	3.37
F16	13 May 2021	20	13.51	82.56	8.4	33.72	8.1	25.3	3.55
F16	13 May 2021	21	13.33	83.02	8.3	33.71	8.1	25.3	3.73
F16	13 May 2021	22	13.23	83.29	8.3	33.70	8.1	25.3	3.17
F16	13 May 2021	23	13.23	83.38	8.3	33.70	8.1	25.3	3.19
F16	13 May 2021	24	13.23	83.48	8.3	33.70	8.1	25.3	3.16
F16	13 May 2021	25	13.21	83.63	8.3	33.71	8.1	25.4	3.10
F16	13 May 2021	26	13.15	83.90	8.2	33.71	8.1	25.4	3.17
F16	13 May 2021	27	13.08	84.21	8.1	33.70	8.1	25.4	2.95
F16	13 May 2021	28	12.86	84.44	7.9	33.70	8.0	25.4	2.85
F16	13 May 2021	29	12.66	84.83	7.8	33.67	8.0	25.4	2.50
F16	13 May 2021	30	12.58	85.05	7.7	33.66	8.0	25.4	2.47
F16	13 May 2021	31	12.52	85.40	7.7	33.66	8.0	25.4	2.31
F16	13 May 2021	32	12.46	85.55	7.6	33.66	8.0	25.5	2.05
F16	13 May 2021	33	12.42	85.85	7.6	33.67	8.0	25.5	1.90
F16	13 May 2021	34	12.38	86.14	7.6	33.67	8.0	25.5	1.75
F16	13 May 2021	35	12.26	86.35	7.5	33.69	8.0	25.5	1.57
F16	13 May 2021	36	12.20	86.53	7.4	33.68	8.0	25.5	1.51
F16	13 May 2021	37	12.19	86.63	7.4	33.68	8.0	25.5	1.44
F16	13 May 2021	38	12.16	86.68	7.4	33.68	8.0	25.5	1.41
F16	13 May 2021	39	12.10	86.76	7.3	33.69	8.0	25.5	1.27
F16	13 May 2021	40	12.07	86.85	7.2	33.69	8.0	25.6	1.20
F16	13 May 2021	41	12.00	86.94	7.1	33.69	8.0	25.6	1.10
F16	13 May 2021	42	11.98	86.94	7.1	33.69	7.9	25.6	1.07
F16	13 May 2021	43	11.96	86.79	7.0	33.69	7.9	25.6	1.03
F16	13 May 2021	44	11.94	87.05	7.0	33.69	7.9	25.6	1.02
F16	13 May 2021	45	11.91	87.13	7.0	33.69	7.9	25.6	0.98
F16	13 May 2021	46	11.83	87.17	6.9	33.69	7.9	25.6	0.92
F16	13 May 2021	47	11.80	87.21	6.8	33.69	7.9	25.6	0.91
F16	13 May 2021	48	11.74	87.25	6.7	33.69	7.9	25.6	0.86
F16	13 May 2021	49	11.65	87.33	6.5	33.68	7.9	25.6	0.82
F16	13 May 2021	50	11.63	87.39	6.5	33.67	7.9	25.6	0.82
F16	13 May 2021	51	11.51	87.48	6.3	33.68	7.9	25.7	0.77
F16	13 May 2021	52	11.42	87.43	6.1	33.66	7.9	25.7	0.78
F16	13 May 2021	53	11.39	87.42	6.0	33.66	7.9	25.7	0.79
F16	13 May 2021	54	11.34	87.41	5.8	33.66	7.9	25.7	0.73
F16	13 May 2021	55	11.33	87.38	5.7	33.66	7.9	25.7	0.79
F16	13 May 2021	56	11.32	87.52	5.6	33.67	7.9	25.7	0.74
F16	13 May 2021	57	11.24	87.66	5.5	33.69	7.8	25.7	0.67
F16	13 May 2021	58	11.21	87.70	5.3	33.69	7.8	25.7	0.60
F16	13 May 2021	59	11.18	87.66	5.3	33.69	7.8	25.7	0.62
F16	13 May 2021	60	11.14	87.70	5.3	33.69	7.8	25.7	0.56
F16	13 May 2021	61	11.12	87.70	5.3	33.69	7.8	25.7	0.55
F16	13 May 2021	62	11.10	87.73	5.3	33.69	7.8	25.7	0.53
F16	13 May 2021	63	11.06	87.80	5.3	33.69	7.8	25.7	0.61
F16	13 May 2021	64	11.05	87.78	5.2	33.69	7.8	25.7	0.54
F16	13 May 2021	65	11.06	87.74	5.2	33.70	7.8	25.7	0.57
F16	13 May 2021	66	11.05	87.65	5.1	33.70	7.8	25.8	0.56
F16	13 May 2021	67	11.02	87.53	5.0	33.71	7.8	25.8	0.54
F16	13 May 2021	68	10.97	87.27	4.9	33.72	7.8	25.8	0.54
F16	13 May 2021	69	10.95	86.76	4.8	33.73	7.8	25.8	0.55
F16	13 May 2021	70	10.94	86.62	4.8	33.73	7.8	25.8	0.53
F16	13 May 2021	71	10.91	86.23	4.7	33.74	7.8	25.8	0.53

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F16	13 May 2021	72	10.86	85.26	4.6	33.75	7.8	25.8	0.53
F16	13 May 2021	73	10.83	83.53	4.5	33.75	7.8	25.8	0.52
F16	13 May 2021	74	10.81	82.73	4.4	33.76	7.8	25.8	0.53
F16	13 May 2021	75	10.80	82.36	4.4	33.76	7.8	25.8	0.53
F16	13 May 2021	76	10.75	82.18	4.4	33.77	7.8	25.9	0.51
F16	13 May 2021	77	10.68	81.50	4.3	33.78	7.8	25.9	0.54
F16	13 May 2021	78	10.68	80.99	4.3	33.78	7.8	25.9	0.51
F16	13 May 2021	79	10.67	80.80	4.3	33.78	7.8	25.9	0.48
F16	13 May 2021	80	10.66	80.59	4.3	33.78	7.8	25.9	0.51
F16	13 May 2021	81	10.65	80.43	4.2	33.79	7.8	25.9	0.48
F16	13 May 2021	82	10.64	80.13	4.2	33.79	7.8	25.9	0.49
F17	13 May 2021	1	17.28	84.00	8.5	33.67	8.2	24.4	0.53
F17	13 May 2021	2	17.24	83.98	8.5	33.67	8.2	24.4	0.55
F17	13 May 2021	3	17.20	83.89	8.5	33.67	8.2	24.4	0.59
F17	13 May 2021	4	17.16	83.76	8.5	33.67	8.2	24.5	0.64
F17	13 May 2021	5	17.12	83.69	8.5	33.66	8.2	24.5	0.68
F17	13 May 2021	6	16.98	83.54	8.5	33.67	8.2	24.5	0.73
F17	13 May 2021	7	16.70	83.30	8.6	33.66	8.2	24.6	0.82
F17	13 May 2021	8	16.30	82.90	8.7	33.66	8.2	24.7	0.87
F17	13 May 2021	9	15.93	82.59	8.8	33.65	8.2	24.7	0.88
F17	13 May 2021	10	15.72	82.26	8.8	33.65	8.2	24.8	0.95
F17	13 May 2021	11	15.17	81.90	8.8	33.68	8.2	24.9	1.15
F17	13 May 2021	12	14.74	81.57	8.7	33.68	8.2	25.0	1.50
F17	13 May 2021	13	14.08	81.63	8.4	33.73	8.1	25.2	1.98
F17	13 May 2021	14	13.51	82.61	8.2	33.70	8.1	25.3	2.23
F17	13 May 2021	15	13.31	83.12	8.1	33.68	8.1	25.3	2.30
F17	13 May 2021	16	13.25	83.51	8.1	33.69	8.1	25.3	2.43
F17	13 May 2021	17	13.15	83.58	8.1	33.69	8.1	25.3	2.57
F17	13 May 2021	18	13.11	83.75	8.1	33.68	8.1	25.4	2.66
F17	13 May 2021	19	12.97	83.98	8.0	33.68	8.1	25.4	2.64
F17	13 May 2021	20	12.93	84.10	7.9	33.66	8.0	25.4	2.66
F17	13 May 2021	21	12.87	84.18	7.9	33.67	8.0	25.4	2.80
F17	13 May 2021	22	12.76	84.29	7.8	33.65	8.0	25.4	2.75
F17	13 May 2021	23	12.73	84.40	7.8	33.64	8.0	25.4	2.69
F17	13 May 2021	24	12.70	84.66	7.7	33.64	8.0	25.4	2.60
F17	13 May 2021	25	12.57	85.03	7.7	33.65	8.0	25.4	2.42
F17	13 May 2021	26	12.52	85.34	7.6	33.66	8.0	25.4	2.54
F17	13 May 2021	27	12.47	85.51	7.7	33.66	8.0	25.5	2.23
F17	13 May 2021	28	12.43	85.75	7.7	33.67	8.0	25.5	1.99
F17	13 May 2021	29	12.43	85.92	7.7	33.67	8.0	25.5	1.88
F17	13 May 2021	30	12.41	85.98	7.7	33.67	8.0	25.5	1.81
F17	13 May 2021	31	12.41	86.07	7.7	33.68	8.0	25.5	1.75
F17	13 May 2021	32	12.40	86.11	7.7	33.68	8.0	25.5	1.70
F17	13 May 2021	33	12.37	86.04	7.7	33.68	8.0	25.5	1.72
F17	13 May 2021	34	12.35	86.26	7.7	33.68	8.0	25.5	1.63
F17	13 May 2021	35	12.25	86.47	7.5	33.68	8.0	25.5	1.55
F17	13 May 2021	36	12.23	86.59	7.5	33.67	8.0	25.5	1.48
F17	13 May 2021	37	12.22	86.67	7.5	33.67	8.0	25.5	1.45
F17	13 May 2021	38	12.21	86.72	7.5	33.67	8.0	25.5	1.41
F17	13 May 2021	39	12.21	86.71	7.5	33.67	8.0	25.5	1.38
F17	13 May 2021	40	12.13	86.79	7.3	33.68	8.0	25.5	1.39
F17	13 May 2021	41	11.96	86.96	7.0	33.67	8.0	25.6	1.28
F17	13 May 2021	42	11.68	87.21	6.6	33.66	7.9	25.6	1.14
F17	13 May 2021	43	11.57	87.34	6.4	33.64	7.9	25.6	0.98
F17	13 May 2021	44	11.50	87.43	6.3	33.64	7.9	25.6	0.95
F17	13 May 2021	45	11.43	87.53	6.3	33.63	7.9	25.6	0.87
F17	13 May 2021	46	11.41	87.56	6.2	33.63	7.9	25.6	0.82
F17	13 May 2021	47	11.41	87.51	6.1	33.64	7.9	25.6	0.79
F17	13 May 2021	48	11.41	87.59	6.1	33.65	7.9	25.6	0.77
F17	13 May 2021	49	11.40	87.60	6.1	33.66	7.9	25.7	0.72

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F17	13 May 2021	50	11.36	87.57	6.1	33.66	7.9	25.7	0.72
F17	13 May 2021	51	11.34	87.63	6.0	33.66	7.9	25.7	0.68
F17	13 May 2021	52	11.30	87.64	5.9	33.67	7.9	25.7	0.67
F17	13 May 2021	53	11.26	87.66	5.7	33.67	7.9	25.7	0.68
F17	13 May 2021	54	11.21	87.58	5.6	33.68	7.9	25.7	0.67
F17	13 May 2021	55	11.20	87.60	5.5	33.68	7.8	25.7	0.79
F17	13 May 2021	56	11.20	87.64	5.5	33.68	7.8	25.7	0.69
F17	13 May 2021	57	11.20	87.65	5.5	33.68	7.8	25.7	0.60
F17	13 May 2021	58	11.20	87.70	5.4	33.68	7.8	25.7	0.59
F17	13 May 2021	59	11.20	87.72	5.4	33.68	7.8	25.7	0.57
F17	13 May 2021	60	11.19	87.71	5.4	33.68	7.8	25.7	0.56
F17	13 May 2021	61	11.19	87.72	5.4	33.68	7.8	25.7	0.57
F17	13 May 2021	62	11.18	87.77	5.4	33.69	7.8	25.7	0.56
F17	13 May 2021	63	11.17	87.74	5.3	33.69	7.8	25.7	0.59
F17	13 May 2021	64	11.15	87.73	5.3	33.69	7.8	25.7	0.57
F17	13 May 2021	65	11.14	87.71	5.2	33.70	7.8	25.7	0.54
F17	13 May 2021	66	11.07	87.63	5.0	33.72	7.8	25.8	0.56
F17	13 May 2021	67	11.05	87.56	4.9	33.72	7.8	25.8	0.53
F17	13 May 2021	68	11.04	87.40	4.9	33.72	7.8	25.8	0.53
F17	13 May 2021	69	11.02	87.27	4.8	33.72	7.8	25.8	0.53
F17	13 May 2021	70	11.00	87.22	4.8	33.73	7.8	25.8	0.52
F17	13 May 2021	71	10.98	86.95	4.8	33.73	7.8	25.8	0.52
F17	13 May 2021	72	10.94	86.91	4.7	33.74	7.8	25.8	0.53
F17	13 May 2021	73	10.89	86.75	4.7	33.74	7.8	25.8	0.53
F17	13 May 2021	74	10.85	85.87	4.6	33.75	7.8	25.8	0.51
F17	13 May 2021	75	10.84	84.41	4.5	33.75	7.8	25.8	0.51
F17	13 May 2021	76	10.83	83.70	4.5	33.75	7.8	25.8	0.52
F17	13 May 2021	77	10.82	82.94	4.4	33.76	7.8	25.8	0.52
F17	13 May 2021	78	10.80	81.53	4.4	33.76	7.8	25.8	0.51
F17	13 May 2021	79	10.80	80.69	4.3	33.76	7.8	25.8	0.51
F17	13 May 2021	80	10.79	80.21	4.3	33.76	7.8	25.8	0.52
F17	13 May 2021	81	10.79	79.90	4.3	33.76	7.8	25.8	0.52
F17	13 May 2021	82	10.78	79.65	4.3	33.76	7.8	25.9	0.52
F18	13 May 2021	1	17.55	81.82	9.1	33.70	8.2	24.4	0.81
F18	13 May 2021	2	17.56	81.83	9.1	33.70	8.3	24.4	0.82
F18	13 May 2021	3	17.47	81.91	8.9	33.70	8.2	24.4	0.87
F18	13 May 2021	4	17.33	82.15	8.8	33.69	8.2	24.4	0.86
F18	13 May 2021	5	17.21	82.88	8.6	33.68	8.2	24.4	0.86
F18	13 May 2021	6	17.15	83.40	8.6	33.67	8.2	24.5	0.84
F18	13 May 2021	7	17.03	83.43	8.6	33.67	8.2	24.5	0.86
F18	13 May 2021	8	16.90	83.39	8.6	33.66	8.2	24.5	0.87
F18	13 May 2021	9	16.58	83.26	8.6	33.67	8.2	24.6	0.92
F18	13 May 2021	10	16.05	82.90	8.7	33.66	8.2	24.7	0.99
F18	13 May 2021	11	15.85	82.46	8.7	33.66	8.2	24.7	1.05
F18	13 May 2021	12	15.24	82.12	8.7	33.66	8.2	24.9	1.27
F18	13 May 2021	13	14.96	82.03	8.8	33.66	8.1	24.9	1.57
F18	13 May 2021	14	14.86	81.99	8.8	33.64	8.1	25.0	1.87
F18	13 May 2021	15	14.67	81.98	8.8	33.66	8.1	25.0	2.23
F18	13 May 2021	16	14.30	81.98	8.8	33.66	8.1	25.1	2.58
F18	13 May 2021	17	14.20	82.10	8.8	33.65	8.1	25.1	2.79
F18	13 May 2021	18	14.06	81.94	8.8	33.68	8.1	25.2	3.08
F18	13 May 2021	19	13.73	82.29	8.7	33.71	8.1	25.2	3.39
F18	13 May 2021	20	13.61	83.37	8.5	33.72	8.1	25.3	2.99
F18	13 May 2021	21	13.43	83.64	8.3	33.73	8.1	25.3	2.87
F18	13 May 2021	22	13.26	83.63	8.2	33.70	8.1	25.3	2.93
F18	13 May 2021	23	13.14	83.79	8.1	33.69	8.1	25.3	2.98
F18	13 May 2021	24	13.01	83.92	8.0	33.69	8.1	25.4	2.92
F18	13 May 2021	25	13.01	84.14	8.0	33.70	8.0	25.4	2.86
F18	13 May 2021	26	12.80	84.38	7.8	33.68	8.0	25.4	2.76
F18	13 May 2021	27	12.71	84.51	7.8	33.66	8.0	25.4	2.75

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F18	13 May 2021	28	12.59	84.98	7.7	33.66	8.0	25.4	2.45
F18	13 May 2021	29	12.51	85.43	7.6	33.66	8.0	25.4	2.31
F18	13 May 2021	30	12.45	85.79	7.7	33.66	8.0	25.5	2.01
F18	13 May 2021	31	12.42	86.07	7.7	33.67	8.0	25.5	1.86
F18	13 May 2021	32	12.41	86.04	7.7	33.67	8.0	25.5	1.80
F18	13 May 2021	33	12.37	86.15	7.7	33.68	8.0	25.5	1.82
F18	13 May 2021	34	12.32	86.22	7.6	33.67	8.0	25.5	1.66
F18	13 May 2021	35	12.32	86.30	7.6	33.67	8.0	25.5	1.72
F18	13 May 2021	36	12.30	86.17	7.6	33.67	8.0	25.5	1.63
F18	13 May 2021	37	12.27	86.37	7.6	33.67	8.0	25.5	1.60
F18	13 May 2021	38	12.26	86.48	7.6	33.67	8.0	25.5	1.57
F18	13 May 2021	39	12.24	86.56	7.5	33.67	8.0	25.5	1.54
F18	13 May 2021	40	12.22	86.62	7.5	33.67	8.0	25.5	1.49
F18	13 May 2021	41	12.17	86.67	7.4	33.67	8.0	25.5	1.46
F18	13 May 2021	42	12.11	86.74	7.3	33.66	8.0	25.5	1.42
F18	13 May 2021	43	12.06	86.80	7.2	33.66	8.0	25.5	1.42
F18	13 May 2021	44	11.95	86.87	7.0	33.66	8.0	25.6	1.29
F18	13 May 2021	45	11.87	86.95	6.8	33.65	7.9	25.6	1.32
F18	13 May 2021	46	11.85	87.06	6.7	33.65	7.9	25.6	1.20
F18	13 May 2021	47	11.82	87.09	6.6	33.65	7.9	25.6	1.25
F18	13 May 2021	48	11.79	87.06	6.5	33.66	7.9	25.6	1.14
F18	13 May 2021	49	11.65	87.06	6.3	33.66	7.9	25.6	1.04
F18	13 May 2021	50	11.59	87.20	6.1	33.66	7.9	25.6	1.02
F18	13 May 2021	51	11.42	87.12	5.7	33.67	7.9	25.7	0.93
F18	13 May 2021	52	11.32	86.31	5.4	33.68	7.8	25.7	0.85
F18	13 May 2021	53	11.32	86.50	5.3	33.68	7.8	25.7	0.74
F18	13 May 2021	54	11.30	86.85	5.2	33.70	7.8	25.7	0.71
F18	13 May 2021	55	11.23	86.90	5.1	33.70	7.8	25.7	0.69
F18	13 May 2021	56	11.20	86.93	5.0	33.69	7.8	25.7	0.70
F18	13 May 2021	57	11.17	86.87	5.0	33.69	7.8	25.7	0.61
F18	13 May 2021	58	11.14	86.86	5.0	33.69	7.8	25.7	0.58
F18	13 May 2021	59	11.11	86.71	4.9	33.69	7.8	25.7	0.56
F18	13 May 2021	60	11.09	86.45	4.8	33.69	7.8	25.7	0.56
F18	13 May 2021	61	11.06	86.37	4.8	33.69	7.8	25.7	0.53
F18	13 May 2021	62	11.04	86.45	4.7	33.69	7.8	25.7	0.51
F18	13 May 2021	63	11.03	86.45	4.7	33.69	7.8	25.7	0.58
F18	13 May 2021	64	11.02	86.19	4.7	33.69	7.8	25.7	0.51
F18	13 May 2021	65	11.01	85.97	4.7	33.69	7.8	25.8	0.53
F18	13 May 2021	66	11.01	85.96	4.7	33.69	7.8	25.8	0.49
F18	13 May 2021	67	11.01	85.98	4.7	33.69	7.8	25.8	0.49
F18	13 May 2021	68	11.01	85.95	4.7	33.69	7.8	25.8	0.50
F18	13 May 2021	69	11.07	86.09	4.8	33.70	7.8	25.8	0.54
F18	13 May 2021	70	11.10	86.88	4.9	33.73	7.8	25.8	0.60
F18	13 May 2021	71	11.08	87.29	4.9	33.74	7.8	25.8	0.58
F18	13 May 2021	72	11.06	87.44	4.9	33.74	7.8	25.8	0.60
F18	13 May 2021	73	11.04	87.59	4.9	33.74	7.8	25.8	0.59
F18	13 May 2021	74	10.97	87.64	4.9	33.74	7.8	25.8	0.53
F18	13 May 2021	75	10.94	87.60	4.9	33.74	7.8	25.8	0.57
F18	13 May 2021	76	10.91	87.38	4.8	33.74	7.8	25.8	0.57
F18	13 May 2021	77	10.87	86.61	4.7	33.75	7.8	25.8	0.51
F18	13 May 2021	78	10.83	85.10	4.5	33.76	7.8	25.8	0.50
F18	13 May 2021	79	10.82	84.35	4.5	33.76	7.8	25.8	0.49
F18	13 May 2021	80	10.81	83.95	4.5	33.76	7.8	25.8	0.49
F18	13 May 2021	81	10.81	83.63	4.5	33.76	7.8	25.8	0.49
F18	13 May 2021	82	10.81	83.48	4.4	33.76	7.8	25.8	0.49
F19	13 May 2021	1	17.90	76.26	9.8	33.72	8.3	24.3	1.78
F19	13 May 2021	2	17.82	76.09	9.7	33.72	8.3	24.3	2.15
F19	13 May 2021	3	17.69	75.59	9.5	33.71	8.3	24.4	3.47
F19	13 May 2021	4	17.41	74.69	9.1	33.72	8.3	24.4	5.17
F19	13 May 2021	5	17.16	76.49	8.7	33.68	8.2	24.5	4.24

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F19	13 May 2021	6	17.01	81.52	8.5	33.67	8.2	24.5	2.54
F19	13 May 2021	7	16.52	83.13	8.6	33.68	8.2	24.6	1.66
F19	13 May 2021	8	16.24	82.96	8.6	33.64	8.2	24.6	1.30
F19	13 May 2021	9	15.93	82.85	8.7	33.65	8.2	24.7	1.24
F19	13 May 2021	10	15.76	82.67	8.7	33.63	8.2	24.7	1.28
F19	13 May 2021	11	15.66	82.60	8.7	33.65	8.2	24.8	1.35
F19	13 May 2021	12	15.21	82.28	8.6	33.69	8.2	24.9	1.62
F19	13 May 2021	13	14.51	82.03	8.6	33.67	8.1	25.1	2.17
F19	13 May 2021	14	14.31	82.46	8.6	33.62	8.1	25.1	2.37
F19	13 May 2021	15	14.23	82.67	8.6	33.62	8.1	25.1	2.55
F19	13 May 2021	16	14.14	82.90	8.6	33.63	8.1	25.1	2.69
F19	13 May 2021	17	13.91	83.09	8.6	33.66	8.1	25.2	2.73
F19	13 May 2021	18	13.71	83.52	8.4	33.70	8.1	25.2	2.68
F19	13 May 2021	19	13.54	83.97	8.3	33.72	8.1	25.3	2.66
F19	13 May 2021	20	13.49	84.09	8.3	33.71	8.1	25.3	2.67
F19	13 May 2021	21	13.44	84.24	8.2	33.72	8.1	25.3	2.64
F19	13 May 2021	22	13.36	84.29	8.1	33.72	8.1	25.3	2.62
F19	13 May 2021	23	13.05	84.45	7.9	33.68	8.1	25.4	2.63
F19	13 May 2021	24	12.96	84.49	7.7	33.65	8.0	25.4	2.59
F19	13 May 2021	25	12.74	84.58	7.6	33.63	8.0	25.4	2.55
F19	13 May 2021	26	12.64	84.67	7.6	33.62	8.0	25.4	2.53
F19	13 May 2021	27	12.64	84.88	7.6	33.63	8.0	25.4	2.46
F19	13 May 2021	28	12.62	85.09	7.6	33.64	8.0	25.4	2.33
F19	13 May 2021	29	12.57	85.23	7.6	33.64	8.0	25.4	2.27
F19	13 May 2021	30	12.55	85.33	7.6	33.64	8.0	25.4	2.24
F19	13 May 2021	31	12.48	85.42	7.5	33.65	8.0	25.4	2.16
F19	13 May 2021	32	12.44	85.70	7.5	33.64	8.0	25.5	2.10
F19	13 May 2021	33	12.40	85.75	7.5	33.65	8.0	25.5	1.89
F19	13 May 2021	34	12.38	86.12	7.5	33.66	8.0	25.5	1.75
F19	13 May 2021	35	12.38	86.19	7.5	33.67	8.0	25.5	1.70
F19	13 May 2021	36	12.35	86.28	7.5	33.68	8.0	25.5	1.60
F19	13 May 2021	37	12.32	86.41	7.5	33.68	8.0	25.5	1.52
F19	13 May 2021	38	12.13	86.39	7.3	33.68	8.0	25.5	1.42
F19	13 May 2021	39	12.06	86.83	7.2	33.66	8.0	25.5	1.34
F19	13 May 2021	40	11.99	86.97	7.0	33.66	8.0	25.5	1.29
F19	13 May 2021	41	11.90	87.12	6.9	33.64	8.0	25.6	1.22
F19	13 May 2021	42	11.79	87.25	6.7	33.65	7.9	25.6	1.18
F19	13 May 2021	43	11.70	87.31	6.6	33.63	7.9	25.6	1.14
F19	13 May 2021	44	11.68	87.32	6.5	33.62	7.9	25.6	1.07
F19	13 May 2021	45	11.66	87.33	6.5	33.63	7.9	25.6	1.05
F19	13 May 2021	46	11.64	87.34	6.3	33.63	7.9	25.6	1.00
F19	13 May 2021	47	11.47	87.43	6.0	33.67	7.9	25.7	0.91
F19	13 May 2021	48	11.41	87.35	5.7	33.68	7.9	25.7	0.86
F19	13 May 2021	49	11.39	87.29	5.5	33.69	7.9	25.7	0.87
F19	13 May 2021	50	11.36	87.41	5.4	33.70	7.9	25.7	0.78
F19	13 May 2021	51	11.34	87.52	5.4	33.69	7.8	25.7	0.77
F19	13 May 2021	52	11.33	87.58	5.4	33.69	7.8	25.7	0.73
F19	13 May 2021	53	11.33	87.53	5.4	33.70	7.8	25.7	0.73
F19	13 May 2021	54	11.33	87.49	5.4	33.70	7.8	25.7	0.75
F19	13 May 2021	55	11.33	87.49	5.4	33.70	7.8	25.7	0.74
F19	13 May 2021	56	11.33	87.50	5.4	33.70	7.8	25.7	0.77
F19	13 May 2021	57	11.28	87.25	5.2	33.71	7.8	25.7	0.67
F19	13 May 2021	58	11.14	86.49	5.0	33.70	7.8	25.7	0.58
F19	13 May 2021	59	11.12	86.01	5.0	33.70	7.8	25.7	0.57
F19	13 May 2021	60	11.16	86.59	5.0	33.71	7.8	25.7	0.60
F19	13 May 2021	61	11.16	86.75	5.0	33.71	7.8	25.7	0.59
F19	13 May 2021	62	11.16	86.75	5.0	33.71	7.8	25.7	0.55
F19	13 May 2021	63	11.19	86.92	5.1	33.72	7.8	25.7	0.61
F19	13 May 2021	64	11.19	87.07	5.1	33.72	7.8	25.7	0.58
F19	13 May 2021	65	11.20	87.32	5.1	33.72	7.8	25.7	0.62
F19	13 May 2021	66	11.20	87.36	5.1	33.73	7.8	25.7	0.55

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F19	13 May 2021	67	11.17	87.33	5.0	33.73	7.8	25.8	0.56
F19	13 May 2021	68	11.02	87.00	4.8	33.73	7.8	25.8	0.52
F19	13 May 2021	69	10.99	86.93	4.8	33.73	7.8	25.8	0.52
F19	13 May 2021	70	10.98	86.92	4.7	33.73	7.8	25.8	0.49
F19	13 May 2021	71	10.96	86.80	4.7	33.73	7.8	25.8	0.46
F19	13 May 2021	72	10.93	86.64	4.6	33.72	7.8	25.8	0.45
F19	13 May 2021	73	10.92	86.50	4.6	33.72	7.8	25.8	0.45
F19	13 May 2021	74	10.93	86.59	4.6	33.72	7.8	25.8	0.46
F19	13 May 2021	75	10.95	86.73	4.6	33.72	7.8	25.8	0.46
F19	13 May 2021	76	10.94	86.82	4.6	33.73	7.8	25.8	0.46
F19	13 May 2021	77	10.94	86.80	4.6	33.73	7.8	25.8	0.46
F19	13 May 2021	78	10.94	86.80	4.6	33.73	7.8	25.8	0.46
F19	13 May 2021	79	10.93	86.77	4.6	33.73	7.8	25.8	0.46
F19	13 May 2021	80	10.93	86.97	4.6	33.74	7.8	25.8	0.46
F19	13 May 2021	81	10.92	87.21	4.7	33.76	7.8	25.8	0.50
F19	13 May 2021	82	10.87	86.72	4.6	33.77	7.8	25.8	0.47
F19	13 May 2021	83	10.83	85.49	4.5	33.77	7.8	25.8	0.49
F20	13 May 2021	1	17.97	72.64	9.9	33.72	8.3	24.3	3.13
F20	13 May 2021	2	17.92	72.25	9.8	33.73	8.3	24.3	4.22
F20	13 May 2021	3	17.47	70.43	9.4	33.73	8.3	24.4	7.25
F20	13 May 2021	4	17.14	70.97	8.9	33.69	8.2	24.5	5.14
F20	13 May 2021	5	17.00	78.91	8.8	33.67	8.2	24.5	2.88
F20	13 May 2021	6	16.78	82.91	8.6	33.66	8.2	24.5	1.83
F20	13 May 2021	7	16.43	83.34	8.6	33.67	8.2	24.6	1.38
F20	13 May 2021	8	15.94	83.25	8.6	33.67	8.2	24.7	1.37
F20	13 May 2021	9	15.49	82.71	8.4	33.66	8.2	24.8	1.64
F20	13 May 2021	10	14.53	82.43	8.4	33.66	8.1	25.0	2.02
F20	13 May 2021	11	14.12	83.23	8.3	33.56	8.1	25.1	2.18
F20	13 May 2021	12	13.92	83.61	8.3	33.55	8.1	25.1	2.24
F20	13 May 2021	13	13.84	84.10	8.3	33.53	8.1	25.1	2.27
F20	13 May 2021	14	13.73	84.19	8.3	33.55	8.1	25.1	2.31
F20	13 May 2021	15	13.63	84.11	8.3	33.57	8.1	25.2	2.46
F20	13 May 2021	16	13.61	83.56	8.3	33.58	8.1	25.2	2.68
F20	13 May 2021	17	13.64	83.40	8.4	33.60	8.1	25.2	2.78
F20	13 May 2021	18	13.66	83.40	8.5	33.65	8.1	25.2	2.78
F20	13 May 2021	19	13.63	83.73	8.5	33.68	8.1	25.2	2.71
F20	13 May 2021	20	13.55	84.23	8.5	33.70	8.1	25.3	2.58
F20	13 May 2021	21	13.49	84.36	8.4	33.72	8.1	25.3	2.52
F20	13 May 2021	22	13.43	84.36	8.3	33.73	8.1	25.3	2.59
F20	13 May 2021	23	13.32	84.26	8.0	33.72	8.1	25.3	2.56
F20	13 May 2021	24	12.94	84.35	7.8	33.69	8.1	25.4	2.63
F20	13 May 2021	25	12.73	84.41	7.6	33.63	8.0	25.4	2.65
F20	13 May 2021	26	12.71	84.61	7.6	33.63	8.0	25.4	2.53
F20	13 May 2021	27	12.61	84.87	7.6	33.66	8.0	25.4	2.58
F20	13 May 2021	28	12.56	85.16	7.7	33.66	8.0	25.4	2.34
F20	13 May 2021	29	12.51	85.57	7.6	33.66	8.0	25.5	2.13
F20	13 May 2021	30	12.43	85.95	7.5	33.66	8.0	25.5	1.89
F20	13 May 2021	31	12.42	86.06	7.5	33.66	8.0	25.5	1.81
F20	13 May 2021	32	12.38	86.13	7.5	33.66	8.0	25.5	1.73
F20	13 May 2021	33	12.35	86.24	7.5	33.67	8.0	25.5	1.57
F20	13 May 2021	34	12.32	86.46	7.5	33.68	8.0	25.5	1.50
F20	13 May 2021	35	12.25	86.55	7.5	33.69	8.0	25.5	1.49
F20	13 May 2021	36	12.19	86.71	7.3	33.69	8.0	25.5	1.42
F20	13 May 2021	37	12.05	86.86	7.1	33.68	8.0	25.6	1.26
F20	13 May 2021	38	11.85	87.06	6.9	33.66	8.0	25.6	1.21
F20	13 May 2021	39	11.75	87.28	6.7	33.63	7.9	25.6	1.11
F20	13 May 2021	40	11.62	87.46	6.5	33.62	7.9	25.6	1.08
F20	13 May 2021	41	11.56	87.49	6.4	33.61	7.9	25.6	1.02
F20	13 May 2021	42	11.48	87.55	6.1	33.63	7.9	25.6	0.97
F20	13 May 2021	43	11.39	87.56	5.7	33.67	7.9	25.7	0.88

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F20	13 May 2021	44	11.38	87.54	5.5	33.68	7.9	25.7	0.85
F20	13 May 2021	45	11.38	87.59	5.5	33.68	7.9	25.7	0.83
F20	13 May 2021	46	11.37	87.58	5.5	33.68	7.9	25.7	0.76
F20	13 May 2021	47	11.36	87.57	5.5	33.68	7.9	25.7	0.77
F20	13 May 2021	48	11.35	87.46	5.4	33.69	7.9	25.7	0.76
F20	13 May 2021	49	11.34	87.52	5.4	33.70	7.9	25.7	0.73
F20	13 May 2021	50	11.34	87.52	5.4	33.70	7.8	25.7	0.75
F20	13 May 2021	51	11.29	87.52	5.3	33.71	7.8	25.7	0.79
F20	13 May 2021	52	11.22	87.33	5.2	33.73	7.8	25.7	0.67
F20	13 May 2021	53	11.14	86.98	5.0	33.73	7.8	25.8	0.59
F20	13 May 2021	54	11.12	86.81	4.9	33.72	7.8	25.8	0.55
F20	13 May 2021	55	11.07	86.48	4.9	33.72	7.8	25.8	0.53
F20	13 May 2021	56	11.07	86.43	4.8	33.71	7.8	25.8	0.54
F20	13 May 2021	57	11.08	86.55	4.9	33.72	7.8	25.8	0.53
F20	13 May 2021	58	11.10	87.02	4.9	33.72	7.8	25.8	0.52
F20	13 May 2021	59	11.07	86.85	4.9	33.73	7.8	25.8	0.53
F20	13 May 2021	60	11.08	87.39	4.9	33.74	7.8	25.8	0.53
F20	13 May 2021	61	11.08	87.50	4.9	33.74	7.8	25.8	0.52
F20	13 May 2021	62	11.08	87.54	4.9	33.74	7.8	25.8	0.52
F20	13 May 2021	63	11.07	87.53	4.9	33.74	7.8	25.8	0.54
F20	13 May 2021	64	10.99	87.41	4.8	33.74	7.8	25.8	0.50
F20	13 May 2021	65	10.89	87.11	4.6	33.73	7.8	25.8	0.46
F20	13 May 2021	66	10.88	86.99	4.6	33.73	7.8	25.8	0.44
F20	13 May 2021	67	10.88	87.02	4.6	33.73	7.8	25.8	0.43
F20	13 May 2021	68	10.88	87.04	4.6	33.73	7.8	25.8	0.44
F20	13 May 2021	69	10.89	87.08	4.6	33.73	7.8	25.8	0.43
F20	13 May 2021	70	10.90	87.09	4.6	33.73	7.8	25.8	0.44
F20	13 May 2021	71	10.90	87.10	4.6	33.73	7.8	25.8	0.44
F20	13 May 2021	72	10.90	87.11	4.6	33.73	7.8	25.8	0.44
F20	13 May 2021	73	10.90	86.94	4.6	33.73	7.8	25.8	0.44
F20	13 May 2021	74	10.90	87.10	4.6	33.73	7.8	25.8	0.45
F20	13 May 2021	75	10.91	87.15	4.6	33.74	7.8	25.8	0.44
F20	13 May 2021	76	10.91	87.21	4.6	33.74	7.8	25.8	0.46
F20	13 May 2021	77	10.94	87.22	4.6	33.74	7.8	25.8	0.46
F20	13 May 2021	78	10.93	87.28	4.7	33.75	7.8	25.8	0.47
F20	13 May 2021	79	10.92	87.41	4.7	33.75	7.8	25.8	0.49
F20	13 May 2021	80	10.89	87.41	4.6	33.76	7.8	25.8	0.48
F20	13 May 2021	81	10.82	86.74	4.5	33.77	7.8	25.8	0.49
F20	13 May 2021	82	10.79	84.81	4.5	33.77	7.8	25.9	0.48
F20	13 May 2021	83	10.77	82.52	4.4	33.77	7.8	25.9	0.47
F21	13 May 2021	1	17.65	80.17	9.2	33.70	8.3	24.4	1.13
F21	13 May 2021	2	17.65	80.24	9.2	33.70	8.3	24.4	1.15
F21	13 May 2021	3	17.63	80.28	9.1	33.71	8.3	24.4	1.25
F21	13 May 2021	4	17.48	80.43	8.9	33.71	8.3	24.4	1.35
F21	13 May 2021	5	17.15	81.35	8.7	33.70	8.2	24.5	1.44
F21	13 May 2021	6	16.92	82.19	8.7	33.68	8.2	24.5	1.38
F21	13 May 2021	7	16.77	82.97	8.6	33.66	8.2	24.5	1.25
F21	13 May 2021	8	16.49	82.86	8.4	33.68	8.2	24.6	1.12
F21	13 May 2021	9	15.77	82.92	8.3	33.72	8.2	24.8	1.34
F21	13 May 2021	10	14.76	82.54	8.4	33.64	8.1	25.0	1.69
F21	13 May 2021	11	14.41	83.20	8.3	33.60	8.1	25.0	1.79
F21	13 May 2021	12	14.01	84.06	8.3	33.57	8.1	25.1	1.84
F21	13 May 2021	13	13.90	84.24	8.3	33.53	8.1	25.1	1.94
F21	13 May 2021	14	13.89	84.26	8.3	33.54	8.1	25.1	2.02
F21	13 May 2021	15	13.74	84.38	8.2	33.55	8.1	25.1	2.08
F21	13 May 2021	16	13.50	84.01	8.1	33.52	8.1	25.1	2.29
F21	13 May 2021	17	13.43	84.27	8.0	33.56	8.1	25.2	2.34
F21	13 May 2021	18	13.26	84.60	8.0	33.57	8.1	25.2	2.52
F21	13 May 2021	19	13.13	84.24	7.9	33.56	8.1	25.3	2.62
F21	13 May 2021	20	13.12	83.98	7.9	33.56	8.1	25.3	2.74

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F21	13 May 2021	21	13.20	83.79	8.0	33.59	8.1	25.3	2.91
F21	13 May 2021	22	13.31	83.88	8.1	33.68	8.1	25.3	2.80
F21	13 May 2021	23	13.27	83.96	8.1	33.69	8.1	25.3	2.80
F21	13 May 2021	24	13.16	84.06	7.8	33.69	8.1	25.3	2.85
F21	13 May 2021	25	12.64	84.35	7.4	33.63	8.0	25.4	2.75
F21	13 May 2021	26	12.57	84.53	7.3	33.59	8.0	25.4	2.76
F21	13 May 2021	27	12.57	84.78	7.5	33.62	8.0	25.4	2.55
F21	13 May 2021	28	12.60	85.03	7.6	33.66	8.0	25.4	2.45
F21	13 May 2021	29	12.58	85.28	7.6	33.67	8.0	25.4	2.29
F21	13 May 2021	30	12.53	85.52	7.6	33.67	8.0	25.5	2.11
F21	13 May 2021	31	12.43	85.83	7.5	33.68	8.0	25.5	1.93
F21	13 May 2021	32	12.36	86.24	7.5	33.68	8.0	25.5	1.69
F21	13 May 2021	33	12.30	86.50	7.4	33.68	8.0	25.5	1.46
F21	13 May 2021	34	12.10	86.75	7.2	33.69	8.0	25.6	1.39
F21	13 May 2021	35	11.98	87.02	7.0	33.67	8.0	25.6	1.24
F21	13 May 2021	36	11.87	87.16	6.8	33.65	8.0	25.6	1.14
F21	13 May 2021	37	11.64	87.16	6.6	33.63	7.9	25.6	1.05
F21	13 May 2021	38	11.54	87.61	6.3	33.61	7.9	25.6	1.00
F21	13 May 2021	39	11.45	87.69	6.2	33.60	7.9	25.6	0.92
F21	13 May 2021	40	11.41	87.74	6.0	33.60	7.9	25.6	0.88
F21	13 May 2021	41	11.40	87.75	6.0	33.61	7.9	25.6	0.89
F21	13 May 2021	42	11.41	87.30	5.8	33.63	7.9	25.6	0.86
F21	13 May 2021	43	11.41	87.63	5.7	33.65	7.9	25.7	0.83
F21	13 May 2021	44	11.40	87.63	5.6	33.66	7.9	25.7	0.81
F21	13 May 2021	45	11.37	87.45	5.5	33.67	7.9	25.7	0.77
F21	13 May 2021	46	11.33	87.66	5.5	33.68	7.9	25.7	0.76
F21	13 May 2021	47	11.33	87.59	5.4	33.69	7.9	25.7	0.72
F21	13 May 2021	48	11.32	87.53	5.4	33.71	7.8	25.7	0.74
F21	13 May 2021	49	11.29	87.60	5.3	33.71	7.8	25.7	0.69
F21	13 May 2021	50	11.26	87.63	5.2	33.71	7.8	25.7	0.62
F21	13 May 2021	51	11.25	87.64	5.2	33.72	7.8	25.7	0.62
F21	13 May 2021	52	11.23	87.66	5.2	33.72	7.8	25.7	0.61
F21	13 May 2021	53	11.20	87.58	5.1	33.73	7.8	25.8	0.58
F21	13 May 2021	54	11.18	87.60	5.1	33.73	7.8	25.8	0.56
F21	13 May 2021	55	11.18	87.65	5.1	33.73	7.8	25.8	0.60
F21	13 May 2021	56	11.15	87.66	5.0	33.74	7.8	25.8	0.55
F21	13 May 2021	57	11.15	87.62	5.0	33.74	7.8	25.8	0.56
F21	13 May 2021	58	11.12	87.70	5.0	33.74	7.8	25.8	0.51
F21	13 May 2021	59	11.10	87.63	5.0	33.75	7.8	25.8	0.53
F21	13 May 2021	60	11.10	87.59	4.9	33.75	7.8	25.8	0.59
F21	13 May 2021	61	11.09	87.65	4.9	33.75	7.8	25.8	0.65
F21	13 May 2021	62	11.08	87.63	4.9	33.75	7.8	25.8	0.54
F21	13 May 2021	63	11.08	87.68	4.9	33.75	7.8	25.8	0.49
F21	13 May 2021	64	11.07	87.65	4.9	33.75	7.8	25.8	0.50
F21	13 May 2021	65	11.05	87.66	4.9	33.75	7.8	25.8	0.61
F21	13 May 2021	66	11.03	87.51	4.9	33.75	7.8	25.8	0.50
F21	13 May 2021	67	11.02	87.60	4.9	33.76	7.8	25.8	0.52
F21	13 May 2021	68	11.00	87.56	4.8	33.76	7.8	25.8	0.49
F21	13 May 2021	69	10.96	87.53	4.8	33.76	7.8	25.8	0.48
F21	13 May 2021	70	10.93	87.51	4.8	33.75	7.8	25.8	0.49
F21	13 May 2021	71	10.93	87.51	4.8	33.75	7.8	25.8	0.48
F21	13 May 2021	72	10.93	87.55	4.8	33.75	7.8	25.8	0.49
F21	13 May 2021	73	10.92	87.62	4.8	33.76	7.8	25.8	0.47
F21	13 May 2021	74	10.89	87.57	4.7	33.76	7.8	25.8	0.46
F21	13 May 2021	75	10.87	87.43	4.7	33.75	7.8	25.8	0.45
F21	13 May 2021	76	10.86	87.35	4.7	33.75	7.8	25.8	0.45
F21	13 May 2021	77	10.84	87.32	4.6	33.76	7.8	25.8	0.44
F21	13 May 2021	78	10.83	87.06	4.6	33.76	7.8	25.8	0.43
F21	13 May 2021	79	10.82	87.04	4.6	33.76	7.8	25.8	0.43
F21	13 May 2021	80	10.81	86.36	4.5	33.76	7.8	25.8	0.43
F21	13 May 2021	81	10.79	85.61	4.5	33.77	7.8	25.9	0.44

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F21	13 May 2021	82	10.79	84.97	4.5	33.77	7.8	25.9	0.44
F21	13 May 2021	83	10.79	84.60	4.5	33.77	7.8	25.9	0.45
F21	13 May 2021	84	10.78	84.13	4.4	33.77	7.8	25.9	0.46
F22	13 May 2021	1	17.29	83.80	8.7	33.69	8.2	24.4	0.70
F22	13 May 2021	2	17.29	83.76	8.7	33.69	8.2	24.4	0.74
F22	13 May 2021	3	17.28	83.76	8.7	33.69	8.2	24.4	0.79
F22	13 May 2021	4	17.19	83.64	8.7	33.69	8.2	24.5	0.85
F22	13 May 2021	5	17.11	83.63	8.7	33.68	8.2	24.5	0.92
F22	13 May 2021	6	16.84	83.67	8.6	33.69	8.2	24.6	0.96
F22	13 May 2021	7	16.36	83.48	8.6	33.68	8.2	24.6	1.05
F22	13 May 2021	8	16.15	83.08	8.5	33.63	8.2	24.7	1.18
F22	13 May 2021	9	15.43	82.30	8.4	33.68	8.2	24.9	1.53
F22	13 May 2021	10	14.79	82.40	8.3	33.59	8.1	24.9	1.86
F22	13 May 2021	11	14.18	83.16	8.2	33.59	8.1	25.1	1.94
F22	13 May 2021	12	13.78	83.67	8.2	33.54	8.1	25.1	2.64
F22	13 May 2021	13	13.64	83.55	8.1	33.53	8.1	25.1	2.16
F22	13 May 2021	14	13.46	83.50	8.1	33.52	8.1	25.2	2.32
F22	13 May 2021	15	13.41	83.43	8.0	33.51	8.1	25.2	2.47
F22	13 May 2021	16	13.22	83.35	7.9	33.52	8.1	25.2	2.64
F22	13 May 2021	17	13.07	83.73	7.9	33.51	8.1	25.2	2.71
F22	13 May 2021	18	13.06	84.27	7.9	33.53	8.1	25.2	2.66
F22	13 May 2021	19	13.01	84.50	7.8	33.55	8.0	25.3	2.61
F22	13 May 2021	20	12.94	84.60	7.7	33.55	8.0	25.3	2.58
F22	13 May 2021	21	12.93	84.56	7.7	33.55	8.0	25.3	2.66
F22	13 May 2021	22	13.09	84.15	8.0	33.59	8.0	25.3	2.72
F22	13 May 2021	23	13.28	83.93	8.2	33.70	8.1	25.3	2.77
F22	13 May 2021	24	13.25	84.20	8.0	33.72	8.1	25.4	2.79
F22	13 May 2021	25	12.77	84.58	7.6	33.67	8.0	25.4	2.72
F22	13 May 2021	26	12.59	84.71	7.4	33.62	8.0	25.4	2.63
F22	13 May 2021	27	12.58	85.08	7.5	33.66	8.0	25.4	2.39
F22	13 May 2021	28	12.57	85.52	7.6	33.67	8.0	25.4	2.16
F22	13 May 2021	29	12.47	85.89	7.5	33.68	8.0	25.5	1.96
F22	13 May 2021	30	12.42	85.73	7.5	33.69	8.0	25.5	1.75
F22	13 May 2021	31	12.33	86.41	7.5	33.69	8.0	25.5	1.54
F22	13 May 2021	32	12.22	86.63	7.3	33.69	8.0	25.5	1.45
F22	13 May 2021	33	11.96	86.82	7.0	33.67	8.0	25.6	1.18
F22	13 May 2021	34	11.80	87.32	6.7	33.66	7.9	25.6	1.07
F22	13 May 2021	35	11.55	87.36	6.4	33.62	7.9	25.6	0.97
F22	13 May 2021	36	11.54	87.42	6.4	33.61	7.9	25.6	0.96
F22	13 May 2021	37	11.51	87.50	6.3	33.61	7.9	25.6	0.96
F22	13 May 2021	38	11.40	87.56	6.1	33.61	7.9	25.6	0.90
F22	13 May 2021	39	11.33	87.70	5.9	33.61	7.9	25.6	0.86
F22	13 May 2021	40	11.32	87.66	5.8	33.62	7.9	25.6	0.87
F22	13 May 2021	41	11.31	87.54	5.7	33.64	7.9	25.7	0.82
F22	13 May 2021	42	11.31	87.61	5.6	33.65	7.9	25.7	0.81
F22	13 May 2021	43	11.29	87.59	5.4	33.68	7.9	25.7	0.80
F22	13 May 2021	44	11.28	87.56	5.3	33.70	7.8	25.7	0.76
F22	13 May 2021	45	11.29	87.61	5.3	33.70	7.8	25.7	0.78
F22	13 May 2021	46	11.29	87.63	5.3	33.70	7.8	25.7	0.71
F22	13 May 2021	47	11.28	87.54	5.2	33.70	7.8	25.7	0.76
F22	13 May 2021	48	11.26	87.66	5.3	33.70	7.8	25.7	0.70
F22	13 May 2021	49	11.23	87.67	5.2	33.70	7.8	25.7	0.72
F22	13 May 2021	50	11.23	87.72	5.2	33.70	7.8	25.7	0.70
F22	13 May 2021	51	11.19	87.74	5.2	33.71	7.8	25.7	0.67
F22	13 May 2021	52	11.16	87.74	5.1	33.71	7.8	25.7	0.67
F22	13 May 2021	53	11.16	87.74	5.1	33.71	7.8	25.7	0.58
F22	13 May 2021	54	11.14	87.69	5.0	33.72	7.8	25.8	0.57
F22	13 May 2021	55	11.08	87.58	5.0	33.73	7.8	25.8	0.60
F22	13 May 2021	56	11.07	87.54	4.9	33.73	7.8	25.8	0.58
F22	13 May 2021	57	11.04	87.50	4.9	33.74	7.8	25.8	0.54

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F22	13 May 2021	58	11.01	87.60	4.9	33.73	7.8	25.8	0.58
F22	13 May 2021	59	11.00	87.53	4.9	33.74	7.8	25.8	0.55
F22	13 May 2021	60	10.99	87.58	4.8	33.74	7.8	25.8	0.51
F22	13 May 2021	61	10.93	87.38	4.7	33.75	7.8	25.8	0.49
F22	13 May 2021	62	10.92	87.36	4.7	33.74	7.8	25.8	0.49
F22	13 May 2021	63	10.93	87.38	4.7	33.75	7.8	25.8	0.49
F22	13 May 2021	64	10.91	87.34	4.6	33.75	7.8	25.8	0.46
F22	13 May 2021	65	10.89	87.30	4.6	33.75	7.8	25.8	0.45
F22	13 May 2021	66	10.89	87.24	4.6	33.75	7.8	25.8	0.44
F22	13 May 2021	67	10.89	87.15	4.6	33.75	7.8	25.8	0.51
F22	13 May 2021	68	10.89	87.01	4.6	33.75	7.8	25.8	0.46
F22	13 May 2021	69	10.89	87.22	4.6	33.75	7.8	25.8	0.44
F22	13 May 2021	70	10.90	87.24	4.6	33.75	7.8	25.8	0.58
F22	13 May 2021	71	10.92	87.31	4.6	33.75	7.8	25.8	0.48
F22	13 May 2021	72	10.93	87.40	4.7	33.76	7.8	25.8	0.47
F22	13 May 2021	73	10.92	87.44	4.7	33.77	7.8	25.8	0.47
F22	13 May 2021	74	10.92	87.47	4.7	33.77	7.8	25.8	0.47
F22	13 May 2021	75	10.92	87.41	4.6	33.77	7.8	25.8	0.46
F22	13 May 2021	76	10.92	87.41	4.6	33.77	7.8	25.8	0.48
F22	13 May 2021	77	10.90	87.33	4.6	33.77	7.8	25.8	0.49
F22	13 May 2021	78	10.88	87.20	4.6	33.77	7.8	25.8	0.47
F22	13 May 2021	79	10.81	86.80	4.5	33.78	7.8	25.9	0.47
F22	13 May 2021	80	10.78	85.59	4.4	33.77	7.8	25.9	0.45
F22	13 May 2021	81	10.78	84.00	4.4	33.77	7.8	25.9	0.45
F22	13 May 2021	82	10.80	83.67	4.4	33.77	7.8	25.9	0.45
F23	13 May 2021	1	17.17	83.39	8.7	33.67	8.2	24.5	0.74
F23	13 May 2021	2	17.16	84.01	8.7	33.68	8.2	24.5	0.77
F23	13 May 2021	3	17.14	84.11	8.7	33.67	8.2	24.5	0.83
F23	13 May 2021	4	17.13	84.11	8.7	33.67	8.2	24.5	0.81
F23	13 May 2021	5	17.09	83.91	8.6	33.67	8.2	24.5	0.85
F23	13 May 2021	6	17.05	84.08	8.7	33.67	8.2	24.5	0.88
F23	13 May 2021	7	16.98	84.05	8.6	33.67	8.2	24.5	0.88
F23	13 May 2021	8	16.88	84.06	8.6	33.67	8.2	24.5	0.93
F23	13 May 2021	9	16.64	83.93	8.5	33.66	8.2	24.6	0.98
F23	13 May 2021	10	16.37	83.75	8.5	33.65	8.2	24.6	1.09
F23	13 May 2021	11	16.08	83.55	8.4	33.64	8.2	24.7	1.39
F23	13 May 2021	12	15.33	83.01	8.3	33.66	8.1	24.9	1.73
F23	13 May 2021	13	14.36	82.93	8.3	33.59	8.1	25.0	2.03
F23	13 May 2021	14	14.15	83.41	8.3	33.55	8.1	25.0	2.04
F23	13 May 2021	15	13.83	84.04	8.2	33.56	8.1	25.1	2.06
F23	13 May 2021	16	13.71	84.21	8.2	33.53	8.1	25.1	2.06
F23	13 May 2021	17	13.51	84.22	8.1	33.52	8.1	25.1	2.18
F23	13 May 2021	18	13.27	83.91	8.0	33.54	8.1	25.2	2.45
F23	13 May 2021	19	13.13	83.67	8.0	33.53	8.1	25.2	2.63
F23	13 May 2021	20	13.06	83.73	7.9	33.53	8.1	25.2	2.77
F23	13 May 2021	21	12.94	83.88	7.8	33.54	8.0	25.3	2.86
F23	13 May 2021	22	12.84	84.12	7.7	33.53	8.0	25.3	2.79
F23	13 May 2021	23	12.77	84.32	7.6	33.53	8.0	25.3	2.74
F23	13 May 2021	24	12.71	84.54	7.5	33.53	8.0	25.3	2.63
F23	13 May 2021	25	12.68	84.79	7.4	33.53	8.0	25.3	2.58
F23	13 May 2021	26	12.67	84.82	7.4	33.54	8.0	25.3	2.67
F23	13 May 2021	27	12.69	84.76	7.4	33.57	8.0	25.3	2.53
F23	13 May 2021	28	12.45	84.79	7.2	33.60	8.0	25.4	2.50
F23	13 May 2021	29	12.39	85.17	7.2	33.60	8.0	25.4	2.35
F23	13 May 2021	30	12.41	85.59	7.3	33.64	8.0	25.5	2.12
F23	13 May 2021	31	12.42	85.81	7.4	33.66	8.0	25.5	2.00
F23	13 May 2021	32	12.41	85.99	7.5	33.70	8.0	25.5	1.64
F23	13 May 2021	33	12.26	86.44	7.4	33.71	8.0	25.5	1.34
F23	13 May 2021	34	12.18	86.64	7.4	33.70	8.0	25.5	1.28
F23	13 May 2021	35	12.10	86.82	7.2	33.69	8.0	25.6	1.17

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F23	13 May 2021	36	12.01	86.91	7.1	33.68	8.0	25.6	1.09
F23	13 May 2021	37	11.87	87.03	6.8	33.69	7.9	25.6	0.98
F23	13 May 2021	38	11.57	87.14	6.6	33.65	7.9	25.6	0.90
F23	13 May 2021	39	11.51	85.45	6.5	33.62	7.9	25.6	0.89
F23	13 May 2021	40	11.50	87.45	6.4	33.62	7.9	25.6	0.85
F23	13 May 2021	41	11.43	87.52	6.4	33.61	7.9	25.6	0.83
F23	13 May 2021	42	11.34	87.65	6.2	33.60	7.9	25.6	0.79
F23	13 May 2021	43	11.29	87.74	6.2	33.59	7.9	25.6	0.76
F23	13 May 2021	44	11.30	87.75	6.1	33.59	7.9	25.6	0.78
F23	13 May 2021	45	11.30	87.79	6.0	33.60	7.9	25.6	0.77
F23	13 May 2021	46	11.29	87.78	5.8	33.62	7.9	25.6	0.77
F23	13 May 2021	47	11.29	87.80	5.6	33.65	7.9	25.7	0.75
F23	13 May 2021	48	11.30	87.75	5.4	33.68	7.9	25.7	0.78
F23	13 May 2021	49	11.26	87.68	5.3	33.71	7.8	25.7	0.74
F23	13 May 2021	50	11.23	87.62	5.2	33.72	7.8	25.7	0.67
F23	13 May 2021	51	11.17	87.49	5.1	33.73	7.8	25.8	0.61
F23	13 May 2021	52	11.12	87.55	5.0	33.74	7.8	25.8	0.57
F23	13 May 2021	53	11.11	87.53	5.0	33.74	7.8	25.8	0.56
F23	13 May 2021	54	11.11	87.48	4.9	33.74	7.8	25.8	0.59
F23	13 May 2021	55	11.10	87.48	4.9	33.75	7.8	25.8	0.53
F23	13 May 2021	56	11.10	87.42	4.9	33.75	7.8	25.8	0.53
F23	13 May 2021	57	11.08	87.45	4.9	33.75	7.8	25.8	0.52
F23	13 May 2021	58	11.08	87.39	4.8	33.75	7.8	25.8	0.51
F23	13 May 2021	59	11.07	87.45	4.9	33.75	7.8	25.8	0.50
F23	13 May 2021	60	11.05	87.48	4.9	33.75	7.8	25.8	0.52
F23	13 May 2021	61	11.03	87.53	4.9	33.75	7.8	25.8	0.50
F23	13 May 2021	62	10.95	87.55	4.8	33.76	7.8	25.8	0.52
F23	13 May 2021	63	10.90	87.50	4.7	33.76	7.8	25.8	0.44
F23	13 May 2021	64	10.86	87.41	4.7	33.76	7.8	25.8	0.44
F23	13 May 2021	65	10.86	87.33	4.6	33.76	7.8	25.8	0.44
F23	13 May 2021	66	10.88	87.44	4.6	33.77	7.8	25.8	0.44
F23	13 May 2021	67	10.89	87.53	4.7	33.77	7.8	25.8	0.45
F23	13 May 2021	68	10.88	87.50	4.7	33.78	7.8	25.8	0.46
F23	13 May 2021	69	10.88	87.49	4.7	33.78	7.8	25.8	0.46
F23	13 May 2021	70	10.87	87.41	4.6	33.78	7.8	25.8	0.45
F23	13 May 2021	71	10.87	87.40	4.6	33.78	7.8	25.8	0.44
F23	13 May 2021	72	10.87	87.40	4.6	33.78	7.8	25.8	0.43
F23	13 May 2021	73	10.87	87.37	4.6	33.78	7.8	25.8	0.47
F23	13 May 2021	74	10.87	87.38	4.6	33.78	7.8	25.8	0.46
F23	13 May 2021	75	10.87	87.23	4.6	33.78	7.8	25.8	0.45
F23	13 May 2021	76	10.87	87.44	4.6	33.78	7.8	25.8	0.45
F23	13 May 2021	77	10.87	87.38	4.6	33.78	7.8	25.8	0.46
F23	13 May 2021	78	10.86	87.40	4.6	33.78	7.8	25.8	0.50
F23	13 May 2021	79	10.85	87.28	4.6	33.78	7.8	25.9	0.46
F23	13 May 2021	80	10.84	87.28	4.6	33.78	7.8	25.9	0.48
F23	13 May 2021	81	10.84	87.17	4.6	33.78	7.8	25.9	0.46
F23	13 May 2021	82	10.77	86.00	4.5	33.78	7.8	25.9	0.45
F23	13 May 2021	83	10.75	84.89	4.4	33.78	7.8	25.9	0.45
F24	13 May 2021	1	17.17	84.15	8.5	33.67	8.2	24.5	0.73
F24	13 May 2021	2	17.17	83.97	8.6	33.67	8.2	24.5	0.76
F24	13 May 2021	3	17.17	84.01	8.6	33.67	8.2	24.5	0.80
F24	13 May 2021	4	17.17	84.24	8.6	33.67	8.2	24.5	0.83
F24	13 May 2021	5	17.15	84.24	8.5	33.67	8.2	24.5	0.83
F24	13 May 2021	6	17.10	84.11	8.5	33.67	8.2	24.5	0.81
F24	13 May 2021	7	16.97	84.32	8.5	33.66	8.2	24.5	0.83
F24	13 May 2021	8	16.89	84.35	8.5	33.66	8.2	24.5	0.84
F24	13 May 2021	9	16.74	84.26	8.5	33.66	8.2	24.5	0.86
F24	13 May 2021	10	16.45	84.07	8.5	33.66	8.2	24.6	0.92
F24	13 May 2021	11	16.12	83.83	8.6	33.65	8.2	24.7	1.09
F24	13 May 2021	12	15.83	83.29	8.6	33.62	8.1	24.7	1.37

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F24	13 May 2021	13	15.49	82.87	8.5	33.62	8.1	24.8	1.79
F24	13 May 2021	14	14.55	82.58	8.3	33.61	8.1	25.0	2.13
F24	13 May 2021	15	13.81	83.53	8.1	33.54	8.1	25.1	2.12
F24	13 May 2021	16	13.49	83.87	7.9	33.50	8.1	25.1	2.21
F24	13 May 2021	17	13.27	83.94	7.9	33.50	8.1	25.2	2.36
F24	13 May 2021	18	13.24	83.92	8.0	33.49	8.1	25.2	2.42
F24	13 May 2021	19	13.21	83.96	8.0	33.49	8.1	25.2	2.42
F24	13 May 2021	20	13.18	84.05	7.9	33.49	8.1	25.2	2.37
F24	13 May 2021	21	13.10	84.05	7.9	33.51	8.1	25.2	2.48
F24	13 May 2021	22	12.98	84.02	7.8	33.53	8.0	25.3	2.57
F24	13 May 2021	23	12.83	84.08	7.6	33.53	8.0	25.3	2.68
F24	13 May 2021	24	12.74	84.30	7.5	33.53	8.0	25.3	2.61
F24	13 May 2021	25	12.70	84.46	7.5	33.53	8.0	25.3	2.63
F24	13 May 2021	26	12.65	84.52	7.3	33.53	8.0	25.3	2.57
F24	13 May 2021	27	12.50	84.83	7.2	33.54	8.0	25.4	2.53
F24	13 May 2021	28	12.44	85.11	7.1	33.55	8.0	25.4	2.40
F24	13 May 2021	29	12.41	85.26	7.0	33.56	8.0	25.4	2.58
F24	13 May 2021	30	12.31	85.15	6.9	33.58	8.0	25.4	2.66
F24	13 May 2021	31	12.30	85.37	7.0	33.59	8.0	25.4	2.24
F24	13 May 2021	32	12.34	85.65	7.2	33.63	8.0	25.5	2.04
F24	13 May 2021	33	12.36	85.79	7.3	33.65	8.0	25.5	1.86
F24	13 May 2021	34	12.39	85.96	7.4	33.68	8.0	25.5	1.74
F24	13 May 2021	35	12.39	86.07	7.5	33.69	8.0	25.5	1.69
F24	13 May 2021	36	12.39	86.23	7.4	33.70	8.0	25.5	1.60
F24	13 May 2021	37	12.20	86.30	7.3	33.73	8.0	25.6	1.33
F24	13 May 2021	38	12.06	86.61	7.2	33.70	8.0	25.6	1.17
F24	13 May 2021	39	12.03	86.93	7.1	33.69	8.0	25.6	1.02
F24	13 May 2021	40	11.98	87.09	7.0	33.69	8.0	25.6	0.93
F24	13 May 2021	41	11.89	87.17	6.9	33.68	7.9	25.6	0.94
F24	13 May 2021	42	11.73	87.24	6.6	33.68	7.9	25.6	0.84
F24	13 May 2021	43	11.39	87.44	6.4	33.63	7.9	25.6	0.77
F24	13 May 2021	44	11.32	87.60	6.2	33.62	7.9	25.6	0.77
F24	13 May 2021	45	11.23	87.70	6.0	33.61	7.9	25.7	0.73
F24	13 May 2021	46	11.15	87.82	5.8	33.61	7.9	25.7	0.73
F24	13 May 2021	47	11.20	87.87	5.5	33.66	7.9	25.7	0.73
F24	13 May 2021	48	11.20	87.84	5.2	33.71	7.8	25.7	0.65
F24	13 May 2021	49	11.17	87.75	5.0	33.73	7.8	25.8	0.66
F24	13 May 2021	50	11.13	87.60	4.9	33.74	7.8	25.8	0.58
F24	13 May 2021	51	11.10	87.46	4.9	33.75	7.8	25.8	0.56
F24	13 May 2021	52	11.08	87.51	4.8	33.75	7.8	25.8	0.65
F24	13 May 2021	53	11.07	87.53	4.8	33.75	7.8	25.8	0.54
F24	13 May 2021	54	11.06	87.45	4.8	33.75	7.8	25.8	0.56
F24	13 May 2021	55	11.05	87.48	4.8	33.76	7.8	25.8	0.53
F24	13 May 2021	56	11.02	87.48	4.8	33.76	7.8	25.8	0.55
F24	13 May 2021	57	11.01	87.51	4.8	33.76	7.8	25.8	0.48
F24	13 May 2021	58	11.01	87.51	4.8	33.76	7.8	25.8	0.48
F24	13 May 2021	59	11.01	87.56	4.8	33.76	7.8	25.8	0.47
F24	13 May 2021	60	11.01	87.53	4.8	33.76	7.8	25.8	0.47
F24	13 May 2021	61	11.00	87.54	4.8	33.76	7.8	25.8	0.48
F24	13 May 2021	62	10.99	87.54	4.7	33.76	7.8	25.8	0.49
F24	13 May 2021	63	10.95	87.49	4.7	33.77	7.8	25.8	0.48
F24	13 May 2021	64	10.91	87.51	4.7	33.77	7.8	25.8	0.46
F24	13 May 2021	65	10.88	87.46	4.6	33.77	7.8	25.8	0.46
F24	13 May 2021	66	10.85	87.50	4.6	33.77	7.8	25.8	0.43
F24	13 May 2021	67	10.85	87.51	4.6	33.77	7.8	25.8	0.45
F24	13 May 2021	68	10.84	87.46	4.6	33.77	7.8	25.9	0.43
F24	13 May 2021	69	10.82	87.36	4.6	33.77	7.8	25.9	0.41
F24	13 May 2021	70	10.83	87.38	4.6	33.78	7.8	25.9	0.42
F24	13 May 2021	71	10.84	87.33	4.6	33.78	7.8	25.9	0.46
F24	13 May 2021	72	10.83	87.31	4.6	33.78	7.8	25.9	0.45
F24	13 May 2021	73	10.83	87.30	4.5	33.78	7.8	25.9	0.43

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F24	13 May 2021	74	10.82	87.24	4.5	33.78	7.8	25.9	0.43
F24	13 May 2021	75	10.82	87.12	4.5	33.78	7.8	25.9	0.43
F24	13 May 2021	76	10.81	87.17	4.5	33.78	7.8	25.9	0.42
F24	13 May 2021	77	10.81	87.15	4.5	33.78	7.8	25.9	0.43
F24	13 May 2021	78	10.81	87.10	4.5	33.78	7.8	25.9	0.43
F24	13 May 2021	79	10.80	86.78	4.5	33.78	7.8	25.9	0.43
F24	13 May 2021	80	10.78	85.73	4.4	33.78	7.8	25.9	0.49
F24	13 May 2021	81	10.75	83.89	4.4	33.78	7.8	25.9	0.44
F24	13 May 2021	82	10.74	83.16	4.3	33.78	7.8	25.9	0.43
F24	13 May 2021	83	10.73	82.49	4.3	33.78	7.8	25.9	0.42
F25	13 May 2021	1	17.25	84.53	8.4	33.67	8.2	24.4	0.70
F25	13 May 2021	2	17.25	84.45	8.4	33.67	8.2	24.4	0.71
F25	13 May 2021	3	17.25	84.41	8.4	33.67	8.2	24.4	0.71
F25	13 May 2021	4	17.25	84.53	8.4	33.67	8.2	24.4	0.71
F25	13 May 2021	5	17.24	84.61	8.4	33.67	8.2	24.4	0.81
F25	13 May 2021	6	17.19	84.64	8.4	33.67	8.2	24.5	0.76
F25	13 May 2021	7	17.08	84.28	8.4	33.67	8.2	24.5	0.76
F25	13 May 2021	8	16.95	84.41	8.4	33.67	8.1	24.5	0.79
F25	13 May 2021	9	16.76	84.20	8.5	33.66	8.1	24.5	0.85
F25	13 May 2021	10	16.58	83.99	8.5	33.66	8.1	24.6	0.93
F25	13 May 2021	11	16.40	83.67	8.5	33.65	8.1	24.6	1.00
F25	13 May 2021	12	16.14	83.01	8.5	33.64	8.1	24.7	1.13
F25	13 May 2021	13	15.64	83.04	8.5	33.65	8.1	24.8	1.56
F25	13 May 2021	14	15.09	82.64	8.5	33.62	8.1	24.9	1.93
F25	13 May 2021	15	14.76	83.30	8.5	33.60	8.1	24.9	2.06
F25	13 May 2021	16	14.05	84.07	8.3	33.58	8.1	25.1	2.17
F25	13 May 2021	17	13.71	84.27	8.2	33.54	8.1	25.1	2.16
F25	13 May 2021	18	13.58	84.39	8.2	33.52	8.1	25.1	2.27
F25	13 May 2021	19	13.57	84.38	8.2	33.52	8.1	25.1	2.30
F25	13 May 2021	20	13.53	84.39	8.1	33.52	8.1	25.1	2.26
F25	13 May 2021	21	13.39	84.46	8.0	33.52	8.1	25.2	2.29
F25	13 May 2021	22	13.20	84.41	7.9	33.52	8.1	25.2	2.35
F25	13 May 2021	23	13.03	84.32	7.8	33.50	8.0	25.2	2.40
F25	13 May 2021	24	13.02	84.24	7.8	33.50	8.0	25.2	2.45
F25	13 May 2021	25	12.99	84.16	7.8	33.51	8.0	25.2	2.52
F25	13 May 2021	26	12.86	84.25	7.7	33.53	8.0	25.3	2.58
F25	13 May 2021	27	12.77	84.42	7.5	33.53	8.0	25.3	2.55
F25	13 May 2021	28	12.69	84.61	7.5	33.53	8.0	25.3	2.51
F25	13 May 2021	29	12.64	84.72	7.3	33.53	8.0	25.3	2.48
F25	13 May 2021	30	12.51	84.83	7.2	33.53	8.0	25.4	2.45
F25	13 May 2021	31	12.40	85.02	7.0	33.53	8.0	25.4	2.42
F25	13 May 2021	32	12.33	85.25	6.9	33.52	8.0	25.4	2.79
F25	13 May 2021	33	12.27	85.28	6.8	33.52	8.0	25.4	2.32
F25	13 May 2021	34	12.31	85.38	6.9	33.55	8.0	25.4	2.30
F25	13 May 2021	35	12.36	85.53	7.1	33.59	8.0	25.4	2.22
F25	13 May 2021	36	12.36	85.64	7.0	33.59	8.0	25.4	2.33
F25	13 May 2021	37	12.36	85.59	7.1	33.61	8.0	25.4	2.20
F25	13 May 2021	38	12.31	85.68	7.1	33.62	8.0	25.5	2.03
F25	13 May 2021	39	12.23	85.95	7.1	33.65	8.0	25.5	1.84
F25	13 May 2021	40	12.25	86.28	7.2	33.67	8.0	25.5	1.69
F25	13 May 2021	41	12.27	86.47	7.3	33.68	8.0	25.5	1.56
F25	13 May 2021	42	12.23	86.52	7.3	33.72	8.0	25.5	1.38
F25	13 May 2021	43	12.14	86.70	7.2	33.72	8.0	25.6	1.18
F25	13 May 2021	44	11.99	86.99	7.1	33.71	7.9	25.6	0.99
F25	13 May 2021	45	11.92	87.24	7.0	33.70	7.9	25.6	0.88
F25	13 May 2021	46	11.76	87.36	6.7	33.70	7.9	25.6	0.80
F25	13 May 2021	47	11.34	87.64	6.3	33.66	7.9	25.7	0.69
F25	13 May 2021	48	11.10	87.85	5.9	33.61	7.9	25.7	0.65
F25	13 May 2021	49	11.09	87.96	5.6	33.62	7.9	25.7	0.67
F25	13 May 2021	50	11.13	87.90	5.4	33.66	7.8	25.7	0.66

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F25	13 May 2021	51	11.14	87.90	5.4	33.67	7.8	25.7	0.65
F25	13 May 2021	52	11.14	87.85	5.3	33.67	7.8	25.7	0.67
F25	13 May 2021	53	11.15	87.90	5.2	33.70	7.8	25.7	0.67
F25	13 May 2021	54	11.10	87.92	5.1	33.72	7.8	25.8	0.59
F25	13 May 2021	55	11.10	87.92	5.0	33.73	7.8	25.8	0.64
F25	13 May 2021	56	11.09	87.89	4.9	33.74	7.8	25.8	0.56
F25	13 May 2021	57	11.06	87.74	4.9	33.75	7.8	25.8	0.52
F25	13 May 2021	58	11.05	87.68	4.8	33.75	7.8	25.8	0.53
F25	13 May 2021	59	11.04	87.62	4.8	33.76	7.8	25.8	0.52
F25	13 May 2021	60	11.01	87.57	4.7	33.76	7.8	25.8	0.49
F25	13 May 2021	61	10.98	87.43	4.7	33.77	7.8	25.8	0.51
F25	13 May 2021	62	10.97	87.32	4.6	33.77	7.8	25.8	0.53
F25	13 May 2021	63	10.94	87.23	4.6	33.77	7.8	25.8	0.50
F25	13 May 2021	64	10.90	87.33	4.6	33.78	7.8	25.8	0.47
F25	13 May 2021	65	10.87	87.37	4.6	33.78	7.8	25.8	0.52
F25	13 May 2021	66	10.83	87.27	4.5	33.78	7.8	25.9	0.45
F25	13 May 2021	67	10.82	87.26	4.5	33.78	7.8	25.9	0.44
F25	13 May 2021	68	10.83	87.36	4.6	33.78	7.8	25.9	0.45
F25	13 May 2021	69	10.83	87.40	4.5	33.78	7.8	25.9	0.46
F25	13 May 2021	70	10.82	87.40	4.5	33.79	7.8	25.9	0.45
F25	13 May 2021	71	10.83	87.41	4.5	33.78	7.8	25.9	0.44
F25	13 May 2021	72	10.82	87.37	4.5	33.79	7.8	25.9	0.45
F25	13 May 2021	73	10.82	87.29	4.5	33.79	7.8	25.9	0.44
F25	13 May 2021	74	10.79	87.08	4.5	33.79	7.8	25.9	0.43
F25	13 May 2021	75	10.76	86.57	4.5	33.78	7.8	25.9	0.51
F25	13 May 2021	76	10.76	86.30	4.5	33.78	7.8	25.9	0.46
F25	13 May 2021	77	10.77	86.23	4.5	33.78	7.8	25.9	0.45
F25	13 May 2021	78	10.77	86.32	4.4	33.78	7.8	25.9	0.43
F25	13 May 2021	79	10.75	86.25	4.4	33.78	7.8	25.9	0.45
F25	13 May 2021	80	10.76	85.87	4.4	33.78	7.8	25.9	0.43
F25	13 May 2021	81	10.75	85.54	4.4	33.78	7.8	25.9	0.44
F26	11 May 2021	1	17.03	84.33	8.2	33.65	8.2	24.5	0.56
F26	11 May 2021	2	17.00	84.28	8.2	33.65	8.2	24.5	0.57
F26	11 May 2021	3	16.88	84.17	8.3	33.65	8.2	24.5	0.59
F26	11 May 2021	4	16.72	84.02	8.3	33.65	8.2	24.5	0.63
F26	11 May 2021	5	16.34	83.66	8.5	33.65	8.2	24.6	0.70
F26	11 May 2021	6	16.08	83.28	8.6	33.63	8.2	24.7	0.79
F26	11 May 2021	7	15.81	82.94	8.6	33.62	8.2	24.7	0.86
F26	11 May 2021	8	15.52	82.64	8.7	33.63	8.2	24.8	0.97
F26	11 May 2021	9	15.24	82.34	8.8	33.62	8.2	24.9	1.26
F26	11 May 2021	10	15.13	82.07	8.8	33.62	8.2	24.9	1.48
F26	11 May 2021	11	14.99	81.83	8.9	33.63	8.2	24.9	1.69
F26	11 May 2021	12	14.74	81.10	8.9	33.66	8.2	25.0	2.27
F26	11 May 2021	13	14.46	79.61	9.0	33.66	8.2	25.1	3.23
F26	11 May 2021	14	14.40	79.52	9.0	33.66	8.2	25.1	3.57
F26	11 May 2021	15	14.25	79.59	8.8	33.67	8.2	25.1	3.90
F26	11 May 2021	16	13.83	81.18	8.5	33.70	8.1	25.2	3.89
F26	11 May 2021	17	13.40	82.30	8.3	33.69	8.1	25.3	3.75
F26	11 May 2021	18	13.19	82.60	8.0	33.67	8.1	25.3	3.65
F26	11 May 2021	19	12.69	83.43	7.8	33.62	8.1	25.4	3.36
F26	11 May 2021	20	12.62	84.30	7.7	33.60	8.1	25.4	2.87
F26	11 May 2021	21	12.65	84.58	7.8	33.60	8.1	25.4	2.61
F26	11 May 2021	22	12.67	84.68	7.8	33.62	8.1	25.4	2.54
F26	11 May 2021	23	12.73	84.75	8.0	33.63	8.1	25.4	2.46
F26	11 May 2021	24	12.76	85.05	8.1	33.69	8.1	25.4	2.43
F26	11 May 2021	25	12.66	85.22	8.1	33.70	8.1	25.4	2.36
F26	11 May 2021	26	12.58	85.20	8.0	33.69	8.1	25.5	2.37
F26	11 May 2021	27	12.51	85.38	7.8	33.68	8.1	25.5	2.35
F26	11 May 2021	28	12.47	85.66	7.8	33.69	8.0	25.5	2.18
F26	11 May 2021	29	12.42	85.78	7.8	33.69	8.0	25.5	2.09

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F26	11 May 2021	30	12.42	85.84	7.8	33.69	8.0	25.5	2.04
F26	11 May 2021	31	12.40	85.92	7.8	33.69	8.0	25.5	1.95
F26	11 May 2021	32	12.36	86.00	7.8	33.69	8.0	25.5	1.89
F26	11 May 2021	33	12.33	86.05	7.7	33.69	8.0	25.5	1.87
F26	11 May 2021	34	12.26	86.12	7.6	33.69	8.0	25.5	1.85
F26	11 May 2021	35	12.19	86.23	7.5	33.69	8.0	25.5	1.72
F26	11 May 2021	36	12.10	86.52	7.3	33.69	8.0	25.6	1.51
F26	11 May 2021	37	11.81	86.89	6.9	33.69	8.0	25.6	1.27
F26	11 May 2021	38	11.66	87.26	6.6	33.66	8.0	25.6	1.11
F26	11 May 2021	39	11.62	87.36	6.6	33.65	8.0	25.6	1.01
F26	11 May 2021	40	11.57	87.45	6.4	33.65	8.0	25.6	0.97
F26	11 May 2021	41	11.43	87.55	6.3	33.63	8.0	25.6	0.92
F26	11 May 2021	42	11.40	87.57	6.2	33.63	7.9	25.6	0.93
F26	11 May 2021	43	11.31	87.63	6.0	33.64	7.9	25.7	0.83
F26	11 May 2021	44	11.40	87.46	5.7	33.66	7.9	25.7	0.85
F26	11 May 2021	45	11.43	87.34	5.6	33.69	7.9	25.7	0.89
F26	11 May 2021	46	11.44	87.35	5.5	33.70	7.9	25.7	0.87
F26	11 May 2021	47	11.44	87.30	5.4	33.71	7.9	25.7	0.79
F26	11 May 2021	48	11.41	87.36	5.4	33.71	7.9	25.7	0.96
F26	11 May 2021	49	11.38	87.38	5.3	33.72	7.9	25.7	0.76
F26	11 May 2021	50	11.37	87.33	5.2	33.73	7.9	25.7	0.73
F26	11 May 2021	51	11.35	87.36	5.2	33.74	7.9	25.7	0.74
F26	11 May 2021	52	11.30	87.36	5.2	33.74	7.9	25.7	0.64
F26	11 May 2021	53	11.27	87.37	5.1	33.74	7.9	25.7	0.61
F26	11 May 2021	54	11.25	87.32	5.1	33.74	7.9	25.7	0.60
F26	11 May 2021	55	11.25	87.40	5.1	33.74	7.9	25.7	0.68
F26	11 May 2021	56	11.25	87.38	5.1	33.74	7.9	25.7	0.57
F26	11 May 2021	57	11.25	87.34	5.1	33.74	7.9	25.7	0.66
F26	11 May 2021	58	11.25	87.37	5.1	33.74	7.9	25.7	0.62
F26	11 May 2021	59	11.25	87.33	5.0	33.74	7.9	25.7	0.66
F26	11 May 2021	60	11.24	87.33	5.1	33.74	7.9	25.7	0.58
F26	11 May 2021	61	11.24	87.19	5.1	33.74	7.9	25.8	0.66
F26	11 May 2021	62	11.21	87.27	5.0	33.74	7.9	25.8	0.59
F26	11 May 2021	63	11.15	87.28	5.0	33.75	7.9	25.8	0.85
F26	11 May 2021	64	11.14	87.31	5.0	33.74	7.9	25.8	0.58
F26	11 May 2021	65	11.12	87.37	5.0	33.74	7.9	25.8	0.57
F26	11 May 2021	66	11.12	87.36	5.0	33.74	7.8	25.8	0.57
F26	11 May 2021	67	11.11	87.34	5.0	33.74	7.8	25.8	0.72
F26	11 May 2021	68	11.11	87.36	5.0	33.74	7.8	25.8	0.58
F26	11 May 2021	69	11.11	87.37	5.0	33.74	7.8	25.8	0.56
F26	11 May 2021	70	11.11	87.36	5.0	33.74	7.8	25.8	0.55
F26	11 May 2021	71	11.11	87.37	5.0	33.74	7.8	25.8	0.55
F26	11 May 2021	72	11.10	87.32	5.0	33.74	7.8	25.8	0.56
F26	11 May 2021	73	11.09	87.32	5.0	33.74	7.8	25.8	0.62
F26	11 May 2021	74	11.08	87.36	5.0	33.74	7.8	25.8	0.69
F26	11 May 2021	75	11.08	87.34	5.0	33.74	7.8	25.8	0.57
F26	11 May 2021	76	11.08	87.33	5.0	33.74	7.8	25.8	0.56
F26	11 May 2021	77	11.08	87.39	5.0	33.74	7.8	25.8	0.59
F26	11 May 2021	78	11.07	87.41	5.0	33.74	7.8	25.8	0.56
F26	11 May 2021	79	11.07	87.34	5.0	33.74	7.8	25.8	0.55
F26	11 May 2021	80	11.02	87.42	5.0	33.74	7.8	25.8	0.56
F26	11 May 2021	81	10.98	87.50	5.0	33.74	7.8	25.8	0.54
F26	11 May 2021	82	10.95	87.60	5.0	33.74	7.8	25.8	0.57
F26	11 May 2021	83	10.94	87.52	4.9	33.74	7.8	25.8	0.52
F26	11 May 2021	84	10.94	87.44	4.9	33.74	7.8	25.8	0.53
F26	11 May 2021	85	10.93	87.51	4.9	33.75	7.8	25.8	0.56
F26	11 May 2021	86	10.90	87.54	4.8	33.75	7.8	25.8	0.53
F26	11 May 2021	87	10.88	87.54	4.8	33.75	7.8	25.8	0.57
F26	11 May 2021	88	10.87	87.54	4.8	33.75	7.8	25.8	0.53
F26	11 May 2021	89	10.85	87.55	4.8	33.75	7.8	25.8	0.56
F26	11 May 2021	90	10.84	87.48	4.8	33.76	7.8	25.8	0.53

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F26	11 May 2021	91	10.81	87.46	4.8	33.76	7.8	25.8	0.52
F26	11 May 2021	92	10.79	87.43	4.7	33.77	7.8	25.9	0.51
F26	11 May 2021	93	10.76	87.32	4.7	33.77	7.8	25.9	0.49
F26	11 May 2021	94	10.75	87.08	4.7	33.77	7.8	25.9	0.50
F26	11 May 2021	95	10.70	86.87	4.6	33.78	7.8	25.9	0.48
F26	11 May 2021	96	10.65	87.06	4.6	33.79	7.8	25.9	0.53
F26	11 May 2021	97	10.62	87.22	4.5	33.80	7.8	25.9	0.48
F26	11 May 2021	98	10.54	86.69	4.4	33.82	7.8	25.9	0.45
F26	11 May 2021	99	10.45	85.82	4.3	33.83	7.8	26.0	0.43
F26	11 May 2021	100	10.33	85.37	4.2	33.86	7.8	26.0	0.41
F27	11 May 2021	1	17.04	84.13	8.2	33.65	8.2	24.5	0.60
F27	11 May 2021	2	17.04	84.10	8.2	33.65	8.2	24.5	0.65
F27	11 May 2021	3	17.04	84.26	8.2	33.65	8.2	24.5	0.64
F27	11 May 2021	4	17.04	84.26	8.2	33.65	8.2	24.5	0.67
F27	11 May 2021	5	17.04	84.28	8.2	33.65	8.2	24.5	0.69
F27	11 May 2021	6	17.03	84.30	8.2	33.65	8.2	24.5	0.68
F27	11 May 2021	7	16.93	84.38	8.3	33.66	8.2	24.5	0.70
F27	11 May 2021	8	16.77	84.34	8.3	33.66	8.2	24.5	0.75
F27	11 May 2021	9	16.23	83.78	8.5	33.66	8.2	24.7	0.80
F27	11 May 2021	10	15.92	83.15	8.6	33.62	8.2	24.7	0.89
F27	11 May 2021	11	15.76	82.37	8.7	33.63	8.2	24.7	0.94
F27	11 May 2021	12	15.36	81.81	8.8	33.63	8.2	24.8	1.19
F27	11 May 2021	13	14.62	80.47	8.8	33.69	8.2	25.0	2.34
F27	11 May 2021	14	14.33	79.52	8.9	33.67	8.2	25.1	3.89
F27	11 May 2021	15	14.21	79.49	8.6	33.69	8.2	25.1	3.77
F27	11 May 2021	16	13.65	80.97	8.4	33.72	8.1	25.3	3.69
F27	11 May 2021	17	13.38	82.37	8.1	33.70	8.1	25.3	3.59
F27	11 May 2021	18	12.96	83.51	8.0	33.67	8.1	25.4	3.31
F27	11 May 2021	19	12.91	84.00	7.9	33.63	8.1	25.4	2.94
F27	11 May 2021	20	12.82	84.08	7.8	33.63	8.1	25.4	2.69
F27	11 May 2021	21	12.75	84.34	7.8	33.61	8.1	25.4	2.85
F27	11 May 2021	22	12.69	84.27	7.8	33.61	8.1	25.4	2.82
F27	11 May 2021	23	12.59	84.27	7.7	33.60	8.1	25.4	2.57
F27	11 May 2021	24	12.53	84.53	7.7	33.60	8.1	25.4	2.79
F27	11 May 2021	25	12.48	84.75	7.7	33.61	8.1	25.4	2.48
F27	11 May 2021	26	12.48	84.95	7.7	33.62	8.1	25.4	2.75
F27	11 May 2021	27	12.51	85.34	7.7	33.66	8.0	25.4	2.32
F27	11 May 2021	28	12.50	85.77	7.8	33.68	8.0	25.5	2.10
F27	11 May 2021	29	12.44	85.98	7.8	33.68	8.0	25.5	2.05
F27	11 May 2021	30	12.37	86.17	7.7	33.68	8.0	25.5	1.84
F27	11 May 2021	31	12.29	86.25	7.6	33.69	8.0	25.5	1.74
F27	11 May 2021	32	12.18	86.52	7.5	33.68	8.0	25.5	1.59
F27	11 May 2021	33	12.16	86.54	7.4	33.68	8.0	25.5	1.56
F27	11 May 2021	34	12.15	86.55	7.4	33.68	8.0	25.5	1.50
F27	11 May 2021	35	12.10	86.68	7.3	33.69	8.0	25.6	1.37
F27	11 May 2021	36	12.01	86.80	7.2	33.70	8.0	25.6	1.23
F27	11 May 2021	37	11.98	86.97	7.1	33.69	8.0	25.6	1.19
F27	11 May 2021	38	11.93	87.15	7.0	33.69	8.0	25.6	1.10
F27	11 May 2021	39	11.74	87.37	6.8	33.67	8.0	25.6	1.01
F27	11 May 2021	40	11.69	87.37	6.7	33.66	8.0	25.6	1.00
F27	11 May 2021	41	11.67	87.36	6.6	33.65	8.0	25.6	0.99
F27	11 May 2021	42	11.58	87.43	6.4	33.65	8.0	25.6	0.95
F27	11 May 2021	43	11.43	87.44	6.1	33.67	8.0	25.7	0.95
F27	11 May 2021	44	11.30	87.42	5.8	33.68	7.9	25.7	0.87
F27	11 May 2021	45	11.28	87.45	5.6	33.68	7.9	25.7	0.81
F27	11 May 2021	46	11.29	87.42	5.5	33.69	7.9	25.7	0.91
F27	11 May 2021	47	11.29	87.41	5.5	33.69	7.9	25.7	0.80
F27	11 May 2021	48	11.29	87.42	5.5	33.69	7.9	25.7	0.78
F27	11 May 2021	49	11.32	87.41	5.4	33.70	7.9	25.7	0.80
F27	11 May 2021	50	11.34	87.38	5.3	33.72	7.9	25.7	0.72

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F27	11 May 2021	51	11.33	87.30	5.2	33.73	7.9	25.7	0.70
F27	11 May 2021	52	11.30	87.31	5.1	33.74	7.9	25.7	0.78
F27	11 May 2021	53	11.28	87.35	5.1	33.74	7.9	25.7	0.67
F27	11 May 2021	54	11.26	87.27	5.1	33.74	7.9	25.8	0.62
F27	11 May 2021	55	11.24	87.28	5.1	33.74	7.9	25.8	0.60
F27	11 May 2021	56	11.24	87.36	5.0	33.74	7.9	25.8	0.69
F27	11 May 2021	57	11.23	87.37	5.0	33.74	7.9	25.8	0.62
F27	11 May 2021	58	11.21	87.32	5.0	33.75	7.9	25.8	0.59
F27	11 May 2021	59	11.20	87.32	5.0	33.75	7.9	25.8	0.67
F27	11 May 2021	60	11.20	87.35	5.0	33.75	7.9	25.8	0.59
F27	11 May 2021	61	11.19	87.36	5.0	33.75	7.9	25.8	0.57
F27	11 May 2021	62	11.19	87.38	5.0	33.75	7.9	25.8	0.58
F27	11 May 2021	63	11.18	87.34	5.0	33.74	7.9	25.8	0.58
F27	11 May 2021	64	11.18	87.35	5.0	33.74	7.9	25.8	0.59
F27	11 May 2021	65	11.18	87.33	5.0	33.74	7.9	25.8	0.58
F27	11 May 2021	66	11.18	87.33	5.0	33.75	7.9	25.8	0.59
F27	11 May 2021	67	11.16	87.34	5.0	33.75	7.8	25.8	0.73
F27	11 May 2021	68	11.14	87.31	5.0	33.75	7.8	25.8	0.59
F27	11 May 2021	69	11.12	87.36	4.9	33.76	7.8	25.8	0.64
F27	11 May 2021	70	11.09	87.36	4.9	33.76	7.8	25.8	0.60
F27	11 May 2021	71	11.09	87.40	4.9	33.76	7.8	25.8	0.55
F27	11 May 2021	72	11.08	87.36	4.9	33.76	7.8	25.8	0.56
F27	11 May 2021	73	11.08	87.37	4.9	33.76	7.8	25.8	0.52
F27	11 May 2021	74	11.08	87.38	4.9	33.76	7.8	25.8	0.54
F27	11 May 2021	75	11.07	87.29	4.9	33.76	7.8	25.8	0.58
F27	11 May 2021	76	11.07	87.30	4.9	33.76	7.8	25.8	0.53
F27	11 May 2021	77	11.05	87.31	4.9	33.75	7.8	25.8	0.52
F27	11 May 2021	78	11.03	87.33	4.9	33.75	7.8	25.8	0.53
F27	11 May 2021	79	11.02	87.40	4.9	33.75	7.8	25.8	0.52
F27	11 May 2021	80	11.02	87.35	4.9	33.75	7.8	25.8	0.55
F27	11 May 2021	81	11.00	87.42	5.0	33.75	7.8	25.8	0.53
F27	11 May 2021	82	10.98	87.46	4.9	33.75	7.8	25.8	0.52
F27	11 May 2021	83	10.94	87.52	4.9	33.75	7.8	25.8	0.57
F27	11 May 2021	84	10.92	87.34	4.9	33.75	7.8	25.8	0.52
F27	11 May 2021	85	10.91	87.48	4.9	33.75	7.8	25.8	0.52
F27	11 May 2021	86	10.91	87.58	4.9	33.75	7.8	25.8	0.53
F27	11 May 2021	87	10.89	87.57	4.9	33.75	7.8	25.8	0.50
F27	11 May 2021	88	10.89	87.56	4.9	33.76	7.8	25.8	0.49
F27	11 May 2021	89	10.89	87.66	4.8	33.77	7.8	25.8	0.50
F27	11 May 2021	90	10.88	87.68	4.8	33.77	7.8	25.8	0.49
F27	11 May 2021	91	10.84	87.74	4.8	33.77	7.8	25.9	0.46
F27	11 May 2021	92	10.79	87.66	4.7	33.78	7.8	25.9	0.50
F27	11 May 2021	93	10.75	87.61	4.7	33.78	7.8	25.9	0.47
F27	11 May 2021	94	10.64	87.14	4.6	33.80	7.8	25.9	0.46
F27	11 May 2021	95	10.57	86.51	4.5	33.81	7.8	25.9	0.45
F27	11 May 2021	96	10.52	86.33	4.4	33.82	7.8	25.9	0.44
F27	11 May 2021	97	10.49	86.19	4.3	33.82	7.8	25.9	0.43
F27	11 May 2021	98	10.44	85.98	4.3	33.84	7.8	26.0	0.42
F27	11 May 2021	99	10.36	85.52	4.2	33.86	7.8	26.0	0.39
F27	11 May 2021	100	10.28	85.18	4.2	33.87	7.8	26.0	0.39
F28	11 May 2021	1	17.05	84.62	8.3	33.66	8.2	24.5	0.68
F28	11 May 2021	2	17.05	84.56	8.3	33.66	8.2	24.5	0.72
F28	11 May 2021	3	17.05	84.50	8.3	33.66	8.2	24.5	0.73
F28	11 May 2021	4	17.00	84.62	8.3	33.66	8.2	24.5	0.75
F28	11 May 2021	5	16.82	84.54	8.3	33.66	8.2	24.5	0.74
F28	11 May 2021	6	16.66	84.17	8.4	33.64	8.2	24.6	0.75
F28	11 May 2021	7	16.52	83.98	8.4	33.64	8.2	24.6	0.81
F28	11 May 2021	8	16.20	83.33	8.6	33.65	8.2	24.7	0.84
F28	11 May 2021	9	15.83	82.40	8.7	33.63	8.2	24.7	1.01
F28	11 May 2021	10	15.26	81.82	8.8	33.65	8.2	24.9	1.29

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F28	11 May 2021	11	14.90	81.31	8.9	33.64	8.2	24.9	1.78
F28	11 May 2021	12	14.71	80.83	8.9	33.65	8.2	25.0	2.70
F28	11 May 2021	13	14.57	80.50	8.8	33.67	8.2	25.0	3.14
F28	11 May 2021	14	14.42	80.14	8.9	33.68	8.2	25.1	3.38
F28	11 May 2021	15	14.24	80.26	8.8	33.69	8.2	25.1	3.76
F28	11 May 2021	16	13.87	81.11	8.5	33.73	8.2	25.2	3.54
F28	11 May 2021	17	13.40	83.15	8.2	33.74	8.1	25.3	3.19
F28	11 May 2021	18	13.14	84.01	8.0	33.72	8.1	25.4	2.92
F28	11 May 2021	19	12.91	84.20	7.8	33.67	8.1	25.4	2.61
F28	11 May 2021	20	12.73	84.29	7.7	33.63	8.1	25.4	2.65
F28	11 May 2021	21	12.59	84.49	7.7	33.61	8.1	25.4	2.61
F28	11 May 2021	22	12.50	84.58	7.7	33.61	8.1	25.4	2.53
F28	11 May 2021	23	12.48	84.87	7.7	33.62	8.0	25.4	2.79
F28	11 May 2021	24	12.48	85.05	7.7	33.62	8.0	25.4	2.53
F28	11 May 2021	25	12.52	85.30	7.8	33.65	8.0	25.4	2.37
F28	11 May 2021	26	12.53	85.46	7.8	33.67	8.0	25.5	2.30
F28	11 May 2021	27	12.53	85.60	7.8	33.67	8.0	25.5	2.15
F28	11 May 2021	28	12.47	85.84	7.8	33.68	8.0	25.5	1.92
F28	11 May 2021	29	12.40	86.05	7.8	33.68	8.0	25.5	1.82
F28	11 May 2021	30	12.37	86.17	7.8	33.68	8.0	25.5	1.76
F28	11 May 2021	31	12.29	86.33	7.7	33.68	8.0	25.5	1.71
F28	11 May 2021	32	12.27	86.34	7.6	33.68	8.0	25.5	1.60
F28	11 May 2021	33	12.23	86.66	7.6	33.68	8.0	25.5	1.49
F28	11 May 2021	34	12.19	86.83	7.5	33.68	8.0	25.5	1.38
F28	11 May 2021	35	12.16	86.75	7.4	33.68	8.0	25.5	1.35
F28	11 May 2021	36	12.13	86.77	7.4	33.69	8.0	25.5	1.35
F28	11 May 2021	37	12.12	86.65	7.4	33.69	8.0	25.5	1.35
F28	11 May 2021	38	12.11	86.65	7.4	33.69	8.0	25.6	1.28
F28	11 May 2021	39	12.08	86.67	7.3	33.69	8.0	25.6	1.25
F28	11 May 2021	40	12.07	86.68	7.3	33.70	8.0	25.6	1.24
F28	11 May 2021	41	12.07	86.75	7.3	33.70	8.0	25.6	1.22
F28	11 May 2021	42	12.05	86.83	7.3	33.70	8.0	25.6	1.17
F28	11 May 2021	43	12.02	86.89	7.2	33.70	8.0	25.6	1.14
F28	11 May 2021	44	11.89	87.13	7.1	33.69	8.0	25.6	1.04
F28	11 May 2021	45	11.84	87.02	6.9	33.68	8.0	25.6	0.97
F28	11 May 2021	46	11.78	87.35	6.8	33.68	8.0	25.6	1.02
F28	11 May 2021	47	11.58	87.46	6.5	33.66	8.0	25.6	0.94
F28	11 May 2021	48	11.46	87.54	6.3	33.63	8.0	25.6	0.89
F28	11 May 2021	49	11.46	87.46	6.0	33.64	7.9	25.6	0.92
F28	11 May 2021	50	11.30	87.40	5.7	33.70	7.9	25.7	0.85
F28	11 May 2021	51	11.18	87.46	5.4	33.71	7.9	25.7	0.78
F28	11 May 2021	52	11.17	87.48	5.3	33.70	7.9	25.7	0.71
F28	11 May 2021	53	11.17	87.42	5.3	33.70	7.9	25.7	0.69
F28	11 May 2021	54	11.17	87.44	5.2	33.71	7.9	25.7	0.73
F28	11 May 2021	55	11.11	87.44	5.1	33.73	7.9	25.8	0.66
F28	11 May 2021	56	11.05	87.38	5.0	33.75	7.9	25.8	0.59
F28	11 May 2021	57	11.05	87.39	4.9	33.75	7.9	25.8	0.58
F28	11 May 2021	58	11.04	87.41	4.9	33.76	7.8	25.8	0.55
F28	11 May 2021	59	11.04	87.40	4.9	33.76	7.8	25.8	0.53
F28	11 May 2021	60	11.04	87.39	4.9	33.76	7.8	25.8	0.57
F28	11 May 2021	61	11.04	87.33	4.9	33.76	7.8	25.8	0.54
F28	11 May 2021	62	11.04	87.34	4.8	33.76	7.8	25.8	0.51
F28	11 May 2021	63	11.04	87.36	4.9	33.76	7.8	25.8	0.54
F28	11 May 2021	64	11.04	87.36	4.9	33.76	7.8	25.8	0.49
F28	11 May 2021	65	11.04	87.29	4.9	33.76	7.8	25.8	0.54
F28	11 May 2021	66	11.04	87.34	4.9	33.76	7.8	25.8	0.52
F28	11 May 2021	67	11.04	87.36	4.8	33.76	7.8	25.8	0.50
F28	11 May 2021	68	11.03	87.37	4.8	33.76	7.8	25.8	0.51
F28	11 May 2021	69	10.99	87.39	4.8	33.76	7.8	25.8	0.56
F28	11 May 2021	70	10.96	87.39	4.9	33.76	7.8	25.8	0.50
F28	11 May 2021	71	10.95	87.44	4.9	33.76	7.8	25.8	0.51

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F28	11 May 2021	72	10.92	87.48	4.8	33.76	7.8	25.8	0.53
F28	11 May 2021	73	10.87	87.45	4.8	33.76	7.8	25.8	0.50
F28	11 May 2021	74	10.80	87.30	4.8	33.76	7.8	25.8	0.46
F28	11 May 2021	75	10.78	87.09	4.7	33.75	7.8	25.8	0.44
F28	11 May 2021	76	10.78	87.11	4.7	33.75	7.8	25.8	0.44
F28	11 May 2021	77	10.78	87.09	4.7	33.75	7.8	25.8	0.44
F28	11 May 2021	78	10.78	87.10	4.7	33.76	7.8	25.8	0.44
F28	11 May 2021	79	10.78	87.06	4.7	33.76	7.8	25.8	0.43
F28	11 May 2021	80	10.79	87.16	4.7	33.76	7.8	25.8	0.43
F28	11 May 2021	81	10.80	87.27	4.7	33.77	7.8	25.9	0.45
F28	11 May 2021	82	10.78	87.17	4.7	33.77	7.8	25.9	0.44
F28	11 May 2021	83	10.77	87.51	4.7	33.78	7.8	25.9	0.45
F28	11 May 2021	84	10.76	87.47	4.6	33.78	7.8	25.9	0.43
F28	11 May 2021	85	10.76	87.60	4.6	33.79	7.8	25.9	0.44
F28	11 May 2021	86	10.73	87.82	4.6	33.79	7.8	25.9	0.45
F28	11 May 2021	87	10.71	87.73	4.6	33.80	7.8	25.9	0.43
F28	11 May 2021	88	10.68	87.40	4.6	33.80	7.8	25.9	0.44
F28	11 May 2021	89	10.66	87.32	4.5	33.80	7.8	25.9	0.43
F28	11 May 2021	90	10.65	87.27	4.5	33.80	7.8	25.9	0.44
F28	11 May 2021	91	10.62	87.03	4.5	33.81	7.8	25.9	0.43
F28	11 May 2021	92	10.51	87.06	4.4	33.83	7.8	26.0	0.42
F28	11 May 2021	93	10.44	87.07	4.3	33.84	7.8	26.0	0.42
F28	11 May 2021	94	10.42	86.90	4.3	33.84	7.8	26.0	0.41
F28	11 May 2021	95	10.41	86.72	4.3	33.84	7.8	26.0	0.40
F28	11 May 2021	96	10.41	86.54	4.3	33.84	7.8	26.0	0.39
F28	11 May 2021	97	10.38	86.47	4.2	33.85	7.8	26.0	0.39
F28	11 May 2021	98	10.33	86.25	4.2	33.87	7.8	26.0	0.38
F28	11 May 2021	99	10.21	86.38	4.1	33.90	7.8	26.1	0.36
F28	11 May 2021	100	10.15	85.92	4.1	33.91	7.8	26.1	0.37
F28	11 May 2021	101	10.14	85.55	4.0	33.91	7.8	26.1	0.35
F29	11 May 2021	1	17.16	84.95	8.3	33.67	8.2	24.5	0.64
F29	11 May 2021	2	17.16	84.96	8.3	33.67	8.2	24.5	0.66
F29	11 May 2021	3	17.16	84.99	8.3	33.67	8.2	24.5	0.66
F29	11 May 2021	4	17.13	84.98	8.3	33.67	8.2	24.5	0.68
F29	11 May 2021	5	17.07	84.95	8.3	33.66	8.2	24.5	0.71
F29	11 May 2021	6	17.00	84.84	8.3	33.66	8.2	24.5	0.75
F29	11 May 2021	7	16.78	84.73	8.4	33.66	8.2	24.5	0.81
F29	11 May 2021	8	16.59	84.38	8.5	33.65	8.2	24.6	0.84
F29	11 May 2021	9	16.18	83.64	8.6	33.64	8.2	24.7	0.90
F29	11 May 2021	10	15.71	82.79	8.7	33.63	8.2	24.8	1.08
F29	11 May 2021	11	15.26	82.21	8.8	33.63	8.2	24.9	1.24
F29	11 May 2021	12	15.07	81.83	8.9	33.63	8.2	24.9	1.50
F29	11 May 2021	13	14.89	81.62	9.0	33.62	8.2	24.9	1.75
F29	11 May 2021	14	14.70	81.34	8.8	33.66	8.2	25.0	2.32
F29	11 May 2021	15	14.05	81.95	8.7	33.71	8.2	25.2	2.98
F29	11 May 2021	16	14.05	82.56	8.8	33.70	8.1	25.2	3.14
F29	11 May 2021	17	13.88	82.64	8.7	33.71	8.1	25.2	3.25
F29	11 May 2021	18	13.85	82.86	8.7	33.71	8.1	25.2	3.19
F29	11 May 2021	19	13.84	82.98	8.7	33.71	8.1	25.2	3.22
F29	11 May 2021	20	13.73	82.97	8.6	33.73	8.1	25.3	3.26
F29	11 May 2021	21	13.64	83.18	8.5	33.72	8.1	25.3	3.10
F29	11 May 2021	22	13.62	83.31	8.5	33.72	8.1	25.3	3.00
F29	11 May 2021	23	13.59	83.63	8.5	33.73	8.1	25.3	3.08
F29	11 May 2021	24	13.41	83.68	8.5	33.74	8.1	25.3	2.86
F29	11 May 2021	25	13.33	84.00	8.4	33.73	8.1	25.3	3.28
F29	11 May 2021	26	13.28	84.11	8.4	33.73	8.1	25.4	2.94
F29	11 May 2021	27	13.23	84.12	8.4	33.73	8.1	25.4	2.73
F29	11 May 2021	28	13.15	84.32	8.4	33.72	8.1	25.4	2.63
F29	11 May 2021	29	13.06	84.45	8.2	33.73	8.1	25.4	2.59
F29	11 May 2021	30	12.94	84.60	8.1	33.71	8.1	25.4	2.59

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F29	11 May 2021	31	12.85	84.84	8.0	33.70	8.1	25.4	2.54
F29	11 May 2021	32	12.85	85.03	8.0	33.70	8.1	25.4	2.47
F29	11 May 2021	33	12.59	85.29	7.9	33.67	8.1	25.4	2.31
F29	11 May 2021	34	12.50	85.59	7.8	33.66	8.0	25.5	2.04
F29	11 May 2021	35	12.48	85.86	7.9	33.67	8.0	25.5	1.98
F29	11 May 2021	36	12.41	85.93	7.9	33.67	8.0	25.5	1.84
F29	11 May 2021	37	12.35	86.05	7.8	33.67	8.0	25.5	1.77
F29	11 May 2021	38	12.31	86.16	7.7	33.67	8.0	25.5	1.67
F29	11 May 2021	39	12.25	86.21	7.6	33.68	8.0	25.5	1.58
F29	11 May 2021	40	12.13	86.48	7.5	33.69	8.0	25.5	1.32
F29	11 May 2021	41	12.06	86.96	7.3	33.69	8.0	25.6	1.14
F29	11 May 2021	42	11.99	87.04	7.2	33.69	8.0	25.6	1.05
F29	11 May 2021	43	11.85	87.20	7.0	33.68	8.0	25.6	0.97
F29	11 May 2021	44	11.75	87.51	6.8	33.67	8.0	25.6	0.81
F29	11 May 2021	45	11.64	87.60	6.7	33.66	8.0	25.6	0.81
F29	11 May 2021	46	11.49	87.61	6.4	33.65	7.9	25.6	0.77
F29	11 May 2021	47	11.35	87.72	6.2	33.63	7.9	25.6	0.75
F29	11 May 2021	48	11.30	87.73	6.0	33.62	7.9	25.6	0.79
F29	11 May 2021	49	11.27	87.68	5.9	33.63	7.9	25.7	0.86
F29	11 May 2021	50	11.27	87.70	5.8	33.64	7.9	25.7	0.79
F29	11 May 2021	51	11.28	87.56	5.7	33.66	7.9	25.7	0.80
F29	11 May 2021	52	11.26	87.54	5.6	33.67	7.9	25.7	0.76
F29	11 May 2021	53	11.14	87.53	5.3	33.72	7.9	25.8	0.82
F29	11 May 2021	54	11.07	87.54	5.0	33.74	7.9	25.8	0.67
F29	11 May 2021	55	11.06	87.40	4.9	33.75	7.8	25.8	0.66
F29	11 May 2021	56	11.05	87.35	4.9	33.75	7.8	25.8	0.63
F29	11 May 2021	57	11.02	87.32	4.9	33.75	7.8	25.8	0.67
F29	11 May 2021	58	11.01	87.46	4.9	33.75	7.8	25.8	0.58
F29	11 May 2021	59	11.00	87.34	4.9	33.75	7.8	25.8	0.61
F29	11 May 2021	60	10.99	87.50	4.9	33.75	7.8	25.8	0.56
F29	11 May 2021	61	10.97	87.56	4.9	33.76	7.8	25.8	0.56
F29	11 May 2021	62	10.97	87.50	4.8	33.76	7.8	25.8	0.54
F29	11 May 2021	63	10.97	87.49	4.8	33.76	7.8	25.8	0.56
F29	11 May 2021	64	10.96	87.40	4.8	33.76	7.8	25.8	0.54
F29	11 May 2021	65	10.96	87.45	4.8	33.77	7.8	25.8	0.51
F29	11 May 2021	66	10.96	87.45	4.8	33.77	7.8	25.8	0.51
F29	11 May 2021	67	10.96	87.41	4.8	33.77	7.8	25.8	0.51
F29	11 May 2021	68	10.96	87.40	4.8	33.77	7.8	25.8	0.48
F29	11 May 2021	69	10.96	87.33	4.8	33.77	7.8	25.8	0.52
F29	11 May 2021	70	10.95	87.34	4.8	33.77	7.8	25.8	0.48
F29	11 May 2021	71	10.95	87.37	4.8	33.77	7.8	25.8	0.50
F29	11 May 2021	72	10.95	87.38	4.8	33.77	7.8	25.8	0.47
F29	11 May 2021	73	10.95	87.38	4.8	33.77	7.8	25.8	0.48
F29	11 May 2021	74	10.95	87.35	4.8	33.77	7.8	25.8	0.48
F29	11 May 2021	75	10.94	87.38	4.8	33.77	7.8	25.8	0.47
F29	11 May 2021	76	10.91	87.36	4.7	33.77	7.8	25.8	0.47
F29	11 May 2021	77	10.89	87.30	4.8	33.76	7.8	25.8	0.47
F29	11 May 2021	78	10.89	87.27	4.7	33.76	7.8	25.8	0.46
F29	11 May 2021	79	10.85	87.24	4.7	33.77	7.8	25.8	0.48
F29	11 May 2021	80	10.79	87.16	4.7	33.76	7.8	25.8	0.45
F29	11 May 2021	81	10.76	86.87	4.6	33.76	7.8	25.9	0.46
F29	11 May 2021	82	10.73	86.80	4.6	33.76	7.8	25.9	0.48
F29	11 May 2021	83	10.71	86.71	4.5	33.76	7.8	25.9	0.40
F29	11 May 2021	84	10.69	86.42	4.5	33.76	7.8	25.9	0.41
F29	11 May 2021	85	10.69	86.64	4.5	33.76	7.8	25.9	0.41
F29	11 May 2021	86	10.69	86.88	4.5	33.77	7.8	25.9	0.43
F29	11 May 2021	87	10.70	87.23	4.6	33.78	7.8	25.9	0.44
F29	11 May 2021	88	10.68	87.64	4.6	33.79	7.8	25.9	0.41
F29	11 May 2021	89	10.61	87.48	4.5	33.80	7.8	25.9	0.42
F29	11 May 2021	90	10.58	87.27	4.5	33.81	7.8	25.9	0.44
F29	11 May 2021	91	10.56	87.17	4.4	33.81	7.8	25.9	0.44

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F29	11 May 2021	92	10.52	86.96	4.4	33.81	7.8	25.9	0.43
F29	11 May 2021	93	10.47	87.26	4.4	33.83	7.8	26.0	0.40
F29	11 May 2021	94	10.47	87.59	4.4	33.83	7.8	26.0	0.38
F29	11 May 2021	95	10.38	87.77	4.3	33.86	7.8	26.0	0.51
F29	11 May 2021	96	10.31	87.57	4.2	33.87	7.8	26.0	0.36
F29	11 May 2021	97	10.30	87.40	4.2	33.87	7.8	26.0	0.37
F29	11 May 2021	98	10.30	87.33	4.2	33.87	7.8	26.0	0.35
F29	11 May 2021	99	10.29	87.25	4.2	33.87	7.8	26.0	0.36
F29	11 May 2021	100	10.26	86.73	4.2	33.88	7.8	26.0	0.34
F30	11 May 2021	1	17.07	84.68	8.4	33.67	8.2	24.5	0.65
F30	11 May 2021	2	17.07	84.78	8.4	33.67	8.2	24.5	0.65
F30	11 May 2021	3	17.06	84.79	8.4	33.67	8.2	24.5	0.67
F30	11 May 2021	4	17.00	84.84	8.4	33.67	8.2	24.5	0.71
F30	11 May 2021	5	16.99	84.80	8.4	33.66	8.2	24.5	0.74
F30	11 May 2021	6	16.97	84.75	8.5	33.66	8.2	24.5	0.76
F30	11 May 2021	7	16.93	84.60	8.4	33.66	8.2	24.5	0.79
F30	11 May 2021	8	16.73	84.66	8.4	33.67	8.2	24.6	0.81
F30	11 May 2021	9	16.39	84.54	8.5	33.66	8.2	24.6	0.86
F30	11 May 2021	10	16.02	83.81	8.6	33.65	8.2	24.7	0.93
F30	11 May 2021	11	15.73	83.37	8.7	33.62	8.2	24.7	1.03
F30	11 May 2021	12	15.64	82.84	8.8	33.61	8.2	24.8	1.10
F30	11 May 2021	13	15.51	82.55	8.8	33.62	8.2	24.8	1.19
F30	11 May 2021	14	15.24	82.49	8.8	33.63	8.2	24.9	1.35
F30	11 May 2021	15	14.88	82.14	8.8	33.64	8.2	24.9	1.76
F30	11 May 2021	16	14.46	81.81	8.8	33.67	8.2	25.1	2.34
F30	11 May 2021	17	14.13	82.35	8.7	33.67	8.2	25.1	2.65
F30	11 May 2021	18	13.93	83.32	8.7	33.70	8.1	25.2	2.95
F30	11 May 2021	19	13.81	83.55	8.6	33.72	8.1	25.2	3.05
F30	11 May 2021	20	13.79	83.54	8.6	33.71	8.1	25.2	2.97
F30	11 May 2021	21	13.78	83.50	8.7	33.71	8.1	25.2	2.85
F30	11 May 2021	22	13.74	83.39	8.6	33.71	8.1	25.2	3.45
F30	11 May 2021	23	13.68	83.22	8.6	33.70	8.1	25.3	3.18
F30	11 May 2021	24	13.64	83.06	8.7	33.71	8.1	25.3	3.13
F30	11 May 2021	25	13.56	83.23	8.6	33.70	8.1	25.3	3.07
F30	11 May 2021	26	13.52	83.51	8.6	33.71	8.1	25.3	2.97
F30	11 May 2021	27	13.48	83.49	8.6	33.71	8.1	25.3	2.89
F30	11 May 2021	28	13.44	83.81	8.6	33.72	8.1	25.3	2.82
F30	11 May 2021	29	13.40	84.03	8.6	33.73	8.1	25.3	2.77
F30	11 May 2021	30	13.37	84.10	8.6	33.73	8.1	25.3	2.66
F30	11 May 2021	31	13.32	84.16	8.4	33.73	8.1	25.3	2.63
F30	11 May 2021	32	13.19	84.22	8.2	33.74	8.1	25.4	2.53
F30	11 May 2021	33	12.69	84.63	7.9	33.72	8.1	25.5	2.54
F30	11 May 2021	34	12.53	85.03	7.8	33.67	8.0	25.5	2.29
F30	11 May 2021	35	12.51	85.45	7.8	33.67	8.0	25.5	2.16
F30	11 May 2021	36	12.48	85.88	7.7	33.69	8.0	25.5	1.96
F30	11 May 2021	37	12.32	86.16	7.6	33.69	8.0	25.5	1.66
F30	11 May 2021	38	12.25	86.29	7.6	33.68	8.0	25.5	1.49
F30	11 May 2021	39	12.20	86.37	7.6	33.68	8.0	25.5	1.44
F30	11 May 2021	40	12.12	86.43	7.5	33.68	8.0	25.5	1.34
F30	11 May 2021	41	12.07	86.59	7.3	33.70	8.0	25.6	1.26
F30	11 May 2021	42	11.98	86.71	7.2	33.71	8.0	25.6	1.15
F30	11 May 2021	43	11.87	86.94	7.0	33.70	8.0	25.6	1.05
F30	11 May 2021	44	11.82	87.14	6.9	33.68	8.0	25.6	1.02
F30	11 May 2021	45	11.74	87.38	6.8	33.69	8.0	25.6	0.96
F30	11 May 2021	46	11.62	87.43	6.6	33.67	8.0	25.6	0.84
F30	11 May 2021	47	11.47	87.49	6.4	33.66	8.0	25.6	0.79
F30	11 May 2021	48	11.25	87.65	6.2	33.64	7.9	25.7	0.76
F30	11 May 2021	49	11.17	87.83	6.0	33.63	7.9	25.7	0.71
F30	11 May 2021	50	11.10	87.90	5.8	33.63	7.9	25.7	0.68
F30	11 May 2021	51	11.09	87.95	5.6	33.64	7.9	25.7	0.66

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F30	11 May 2021	52	11.00	87.49	5.3	33.66	7.9	25.7	0.69
F30	11 May 2021	53	10.71	83.86	5.0	33.67	7.9	25.8	0.56
F30	11 May 2021	54	10.63	81.12	4.7	33.66	7.8	25.8	0.50
F30	11 May 2021	55	10.62	79.86	4.6	33.65	7.8	25.8	0.48
F30	11 May 2021	56	10.61	79.59	4.6	33.65	7.8	25.8	0.46
F30	11 May 2021	57	10.60	79.54	4.6	33.65	7.8	25.8	0.46
F30	11 May 2021	58	10.59	79.14	4.6	33.65	7.8	25.8	0.44
F30	11 May 2021	59	10.60	79.13	4.6	33.65	7.8	25.8	0.44
F30	11 May 2021	60	10.60	79.11	4.6	33.65	7.8	25.8	0.43
F30	11 May 2021	61	10.57	79.01	4.5	33.66	7.8	25.8	0.43
F30	11 May 2021	62	10.55	78.92	4.5	33.66	7.8	25.8	0.45
F30	11 May 2021	63	10.54	78.90	4.5	33.66	7.8	25.8	0.42
F30	11 May 2021	64	10.54	78.95	4.5	33.66	7.8	25.8	0.42
F30	11 May 2021	65	10.55	79.03	4.4	33.66	7.8	25.8	0.41
F30	11 May 2021	66	10.54	79.19	4.5	33.66	7.8	25.8	0.41
F30	11 May 2021	67	10.56	79.30	4.5	33.66	7.8	25.8	0.43
F30	11 May 2021	68	10.57	79.92	4.5	33.67	7.8	25.8	0.42
F30	11 May 2021	69	10.59	79.85	4.5	33.67	7.8	25.8	0.46
F30	11 May 2021	70	10.59	80.14	4.5	33.68	7.8	25.8	0.43
F30	11 May 2021	71	10.52	79.54	4.4	33.67	7.8	25.8	0.42
F30	11 May 2021	72	10.51	78.99	4.4	33.67	7.8	25.8	0.41
F30	11 May 2021	73	10.50	78.89	4.4	33.67	7.8	25.8	0.41
F30	11 May 2021	74	10.49	78.72	4.3	33.67	7.8	25.8	0.42
F30	11 May 2021	75	10.49	78.62	4.3	33.67	7.8	25.8	0.40
F30	11 May 2021	76	10.49	78.71	4.3	33.67	7.8	25.8	0.41
F30	11 May 2021	77	10.49	78.77	4.3	33.67	7.8	25.8	0.40
F30	11 May 2021	78	10.49	78.77	4.3	33.67	7.8	25.8	0.40
F30	11 May 2021	79	10.49	78.76	4.3	33.67	7.8	25.8	0.39
F30	11 May 2021	80	10.49	78.90	4.3	33.68	7.8	25.8	0.39
F30	11 May 2021	81	10.48	79.56	4.3	33.69	7.8	25.8	0.40
F30	11 May 2021	82	10.48	79.65	4.3	33.69	7.8	25.8	0.39
F30	11 May 2021	83	10.50	79.68	4.3	33.68	7.8	25.8	0.40
F30	11 May 2021	84	10.50	79.87	4.3	33.69	7.8	25.8	0.41
F30	11 May 2021	85	10.51	80.55	4.3	33.70	7.8	25.9	0.39
F30	11 May 2021	86	10.52	81.48	4.4	33.71	7.8	25.9	0.40
F30	11 May 2021	87	10.53	82.17	4.4	33.72	7.8	25.9	0.40
F30	11 May 2021	88	10.54	82.48	4.4	33.73	7.8	25.9	0.39
F30	11 May 2021	89	10.56	83.91	4.4	33.75	7.8	25.9	0.39
F30	11 May 2021	90	10.54	85.21	4.4	33.76	7.8	25.9	0.38
F30	11 May 2021	91	10.51	85.71	4.4	33.77	7.8	25.9	0.37
F30	11 May 2021	92	10.49	86.14	4.4	33.78	7.8	25.9	0.38
F30	11 May 2021	93	10.48	86.34	4.4	33.79	7.8	25.9	0.40
F30	11 May 2021	94	10.45	86.43	4.3	33.82	7.8	26.0	0.38
F30	11 May 2021	95	10.41	87.20	4.3	33.85	7.8	26.0	0.37
F30	11 May 2021	96	10.37	87.49	4.3	33.86	7.8	26.0	0.37
F30	11 May 2021	97	10.32	87.33	4.3	33.87	7.8	26.0	0.37
F30	11 May 2021	98	10.25	86.50	4.2	33.88	7.8	26.0	0.36
F30	11 May 2021	99	10.16	87.13	4.2	33.91	7.8	26.1	0.35
F30	11 May 2021	100	10.16	86.29	4.1	33.89	7.8	26.1	0.35
F31	11 May 2021	1	17.10	84.56	8.4	33.67	8.2	24.5	0.71
F31	11 May 2021	2	17.10	84.67	8.5	33.67	8.2	24.5	0.70
F31	11 May 2021	3	17.10	84.70	8.4	33.67	8.2	24.5	0.73
F31	11 May 2021	4	17.08	84.69	8.5	33.68	8.2	24.5	0.74
F31	11 May 2021	5	17.01	84.77	8.4	33.68	8.2	24.5	0.77
F31	11 May 2021	6	16.80	84.73	8.5	33.67	8.2	24.5	0.79
F31	11 May 2021	7	16.39	84.57	8.6	33.66	8.2	24.6	0.89
F31	11 May 2021	8	16.13	84.27	8.6	33.63	8.2	24.7	0.91
F31	11 May 2021	9	15.82	83.99	8.6	33.63	8.2	24.7	1.02
F31	11 May 2021	10	15.57	83.66	8.8	33.60	8.2	24.8	1.14
F31	11 May 2021	11	15.49	83.26	8.8	33.59	8.2	24.8	1.23

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F31	11 May 2021	12	15.37	83.17	8.8	33.59	8.2	24.8	1.31
F31	11 May 2021	13	15.23	83.04	8.9	33.60	8.2	24.8	1.43
F31	11 May 2021	14	14.98	82.42	8.9	33.62	8.2	24.9	1.64
F31	11 May 2021	15	14.52	82.18	8.8	33.66	8.2	25.0	2.06
F31	11 May 2021	16	14.27	82.78	8.7	33.65	8.1	25.1	2.32
F31	11 May 2021	17	14.07	83.14	8.7	33.66	8.1	25.1	2.46
F31	11 May 2021	18	13.85	83.26	8.7	33.69	8.1	25.2	2.57
F31	11 May 2021	19	13.69	84.19	8.7	33.70	8.1	25.2	2.62
F31	11 May 2021	20	13.59	84.86	8.6	33.71	8.1	25.3	2.09
F31	11 May 2021	21	13.50	85.05	8.6	33.72	8.1	25.3	2.04
F31	11 May 2021	22	13.44	84.84	8.5	33.71	8.1	25.3	2.07
F31	11 May 2021	23	13.39	84.72	8.5	33.71	8.1	25.3	2.16
F31	11 May 2021	24	13.36	84.65	8.4	33.70	8.1	25.3	2.11
F31	11 May 2021	25	13.32	84.68	8.4	33.71	8.1	25.3	2.22
F31	11 May 2021	26	13.23	84.67	8.3	33.70	8.1	25.3	2.28
F31	11 May 2021	27	13.18	84.73	8.2	33.70	8.1	25.4	2.28
F31	11 May 2021	28	12.90	84.95	8.1	33.70	8.1	25.4	2.36
F31	11 May 2021	29	12.79	85.00	7.9	33.70	8.1	25.4	2.25
F31	11 May 2021	30	12.58	85.15	7.9	33.70	8.1	25.5	2.26
F31	11 May 2021	31	12.50	85.69	7.8	33.69	8.0	25.5	1.98
F31	11 May 2021	32	12.48	86.23	7.7	33.71	8.0	25.5	1.81
F31	11 May 2021	33	12.43	86.36	7.6	33.72	8.0	25.5	1.56
F31	11 May 2021	34	12.19	86.81	7.4	33.70	8.0	25.5	1.35
F31	11 May 2021	35	12.12	86.90	7.3	33.68	8.0	25.5	1.25
F31	11 May 2021	36	12.07	86.91	7.3	33.67	8.0	25.5	1.19
F31	11 May 2021	37	12.04	86.81	7.3	33.68	8.0	25.6	1.17
F31	11 May 2021	38	12.03	86.81	7.3	33.70	8.0	25.6	1.13
F31	11 May 2021	39	11.98	86.87	7.2	33.71	8.0	25.6	1.05
F31	11 May 2021	40	11.95	86.97	7.1	33.70	8.0	25.6	1.04
F31	11 May 2021	41	11.91	87.05	7.0	33.71	8.0	25.6	0.98
F31	11 May 2021	42	11.78	87.18	6.8	33.70	8.0	25.6	0.91
F31	11 May 2021	43	11.73	87.24	6.8	33.68	8.0	25.6	0.90
F31	11 May 2021	44	11.66	87.41	6.6	33.68	8.0	25.6	0.85
F31	11 May 2021	45	11.46	87.33	6.5	33.66	7.9	25.6	0.85
F31	11 May 2021	46	11.34	87.52	6.4	33.64	7.9	25.7	0.78
F31	11 May 2021	47	11.28	87.71	6.2	33.63	7.9	25.7	0.73
F31	11 May 2021	48	11.21	87.81	6.1	33.62	7.9	25.7	0.68
F31	11 May 2021	49	11.12	87.89	6.0	33.62	7.9	25.7	0.67
F31	11 May 2021	50	11.04	87.99	5.9	33.62	7.9	25.7	0.64
F31	11 May 2021	51	11.02	88.05	5.7	33.63	7.9	25.7	0.63
F31	11 May 2021	52	11.02	88.00	5.6	33.65	7.9	25.7	0.63
F31	11 May 2021	53	10.98	88.01	5.4	33.68	7.9	25.8	0.64
F31	11 May 2021	54	10.97	87.98	5.3	33.69	7.9	25.8	0.62
F31	11 May 2021	55	10.95	88.01	5.3	33.70	7.9	25.8	0.61
F31	11 May 2021	56	10.95	88.04	5.2	33.72	7.9	25.8	0.66
F31	11 May 2021	57	10.96	87.95	5.0	33.74	7.8	25.8	0.55
F31	11 May 2021	58	10.93	87.85	4.9	33.76	7.8	25.8	0.53
F31	11 May 2021	59	10.89	87.51	4.8	33.77	7.8	25.8	0.51
F31	11 May 2021	60	10.83	86.99	4.7	33.76	7.8	25.8	0.49
F31	11 May 2021	61	10.81	86.73	4.7	33.76	7.8	25.8	0.44
F31	11 May 2021	62	10.78	86.49	4.6	33.75	7.8	25.8	0.44
F31	11 May 2021	63	10.74	86.02	4.6	33.74	7.8	25.8	0.44
F31	11 May 2021	64	10.71	85.72	4.5	33.74	7.8	25.8	0.44
F31	11 May 2021	65	10.63	85.23	4.5	33.73	7.8	25.9	0.43
F31	11 May 2021	66	10.63	85.00	4.5	33.73	7.8	25.8	0.44
F31	11 May 2021	67	10.64	85.27	4.5	33.73	7.8	25.9	0.40
F31	11 May 2021	68	10.66	85.53	4.5	33.74	7.8	25.9	0.41
F31	11 May 2021	69	10.69	85.84	4.5	33.75	7.8	25.9	0.42
F31	11 May 2021	70	10.70	86.26	4.6	33.76	7.8	25.9	0.41
F31	11 May 2021	71	10.73	86.51	4.6	33.76	7.8	25.9	0.41
F31	11 May 2021	72	10.75	86.70	4.6	33.77	7.8	25.9	0.49

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F31	11 May 2021	73	10.76	86.87	4.6	33.77	7.8	25.9	0.49
F31	11 May 2021	74	10.77	86.88	4.6	33.78	7.8	25.9	0.43
F31	11 May 2021	75	10.77	86.93	4.6	33.78	7.8	25.9	0.46
F31	11 May 2021	76	10.76	86.97	4.6	33.78	7.8	25.9	0.43
F31	11 May 2021	77	10.76	86.90	4.6	33.78	7.8	25.9	0.47
F31	11 May 2021	78	10.76	86.94	4.6	33.79	7.8	25.9	0.44
F31	11 May 2021	79	10.76	87.28	4.6	33.79	7.8	25.9	0.47
F31	11 May 2021	80	10.75	87.22	4.6	33.79	7.8	25.9	0.51
F31	11 May 2021	81	10.74	87.29	4.6	33.79	7.8	25.9	0.43
F31	11 May 2021	82	10.69	87.09	4.6	33.79	7.8	25.9	0.42
F31	11 May 2021	83	10.67	86.65	4.5	33.79	7.8	25.9	0.45
F31	11 May 2021	84	10.66	86.59	4.5	33.79	7.8	25.9	0.42
F31	11 May 2021	85	10.65	86.61	4.5	33.79	7.8	25.9	0.41
F31	11 May 2021	86	10.62	86.49	4.5	33.79	7.8	25.9	0.41
F31	11 May 2021	87	10.58	86.34	4.5	33.80	7.8	25.9	0.40
F31	11 May 2021	88	10.57	86.49	4.4	33.80	7.8	25.9	0.40
F31	11 May 2021	89	10.54	86.71	4.4	33.80	7.8	25.9	0.42
F31	11 May 2021	90	10.48	86.42	4.4	33.82	7.8	26.0	0.41
F31	11 May 2021	91	10.45	86.92	4.4	33.83	7.8	26.0	0.39
F31	11 May 2021	92	10.44	87.22	4.4	33.84	7.8	26.0	0.38
F31	11 May 2021	93	10.41	87.19	4.3	33.85	7.8	26.0	0.38
F31	11 May 2021	94	10.38	87.57	4.3	33.86	7.8	26.0	0.38
F31	11 May 2021	95	10.35	87.43	4.3	33.87	7.8	26.0	0.36
F31	11 May 2021	96	10.30	87.08	4.3	33.87	7.8	26.0	0.35
F31	11 May 2021	97	10.27	86.91	4.2	33.88	7.8	26.0	0.35
F31	11 May 2021	98	10.24	86.81	4.2	33.88	7.8	26.0	0.35
F31	11 May 2021	99	10.21	86.81	4.2	33.89	7.8	26.0	0.36
F31	11 May 2021	100	10.19	86.49	4.2	33.89	7.8	26.1	0.35
F32	11 May 2021	1	17.04	84.23	8.6	33.68	8.2	24.5	0.75
F32	11 May 2021	2	17.01	84.07	8.6	33.67	8.2	24.5	0.73
F32	11 May 2021	3	17.07	84.06	8.5	33.68	8.2	24.5	0.76
F32	11 May 2021	4	16.82	84.14	8.5	33.69	8.2	24.6	0.77
F32	11 May 2021	5	16.58	84.12	8.6	33.66	8.2	24.6	0.85
F32	11 May 2021	6	16.43	84.18	8.6	33.64	8.2	24.6	0.90
F32	11 May 2021	7	16.39	84.17	8.6	33.64	8.2	24.6	0.90
F32	11 May 2021	8	15.80	84.06	8.7	33.64	8.2	24.7	0.98
F32	11 May 2021	9	15.67	83.92	8.7	33.60	8.2	24.7	1.05
F32	11 May 2021	10	15.63	83.66	8.8	33.59	8.2	24.7	1.16
F32	11 May 2021	11	15.60	83.57	8.8	33.59	8.2	24.8	1.21
F32	11 May 2021	12	15.58	83.62	8.8	33.59	8.2	24.8	1.21
F32	11 May 2021	13	15.47	83.62	8.8	33.59	8.2	24.8	1.27
F32	11 May 2021	14	15.26	83.62	8.7	33.59	8.2	24.8	1.31
F32	11 May 2021	15	14.99	83.46	8.7	33.59	8.2	24.9	1.45
F32	11 May 2021	16	14.69	83.24	8.7	33.59	8.2	25.0	1.65
F32	11 May 2021	17	14.42	83.19	8.7	33.61	8.2	25.0	1.91
F32	11 May 2021	18	14.10	83.26	8.5	33.64	8.1	25.1	2.13
F32	11 May 2021	19	13.72	83.56	8.4	33.69	8.1	25.2	2.25
F32	11 May 2021	20	13.54	84.42	8.4	33.66	8.1	25.2	2.15
F32	11 May 2021	21	13.50	84.68	8.5	33.67	8.1	25.3	2.18
F32	11 May 2021	22	13.38	84.71	8.4	33.70	8.1	25.3	2.15
F32	11 May 2021	23	13.32	84.78	8.4	33.71	8.1	25.3	2.23
F32	11 May 2021	24	13.22	84.79	8.3	33.71	8.1	25.4	2.06
F32	11 May 2021	25	12.98	84.87	8.2	33.69	8.1	25.4	2.12
F32	11 May 2021	26	13.01	85.03	8.1	33.70	8.1	25.4	2.07
F32	11 May 2021	27	13.01	85.08	8.2	33.71	8.1	25.4	2.12
F32	11 May 2021	28	12.83	85.16	8.0	33.71	8.1	25.4	2.19
F32	11 May 2021	29	12.71	85.23	7.9	33.70	8.1	25.4	2.19
F32	11 May 2021	30	12.66	85.44	7.9	33.70	8.0	25.5	2.13
F32	11 May 2021	31	12.63	85.63	7.9	33.71	8.0	25.5	2.02
F32	11 May 2021	32	12.49	86.17	7.7	33.71	8.0	25.5	1.90

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F32	11 May 2021	33	12.44	86.36	7.7	33.71	8.0	25.5	1.84
F32	11 May 2021	34	12.42	86.45	7.6	33.70	8.0	25.5	1.61
F32	11 May 2021	35	12.36	86.69	7.5	33.73	8.0	25.5	1.39
F32	11 May 2021	36	12.24	87.02	7.4	33.71	8.0	25.5	1.26
F32	11 May 2021	37	12.01	87.22	7.2	33.70	8.0	25.6	1.09
F32	11 May 2021	38	11.98	87.24	7.2	33.68	8.0	25.6	1.01
F32	11 May 2021	39	11.98	87.23	7.2	33.69	8.0	25.6	1.05
F32	11 May 2021	40	11.96	87.22	7.1	33.70	8.0	25.6	0.98
F32	11 May 2021	41	11.82	87.46	6.8	33.71	8.0	25.6	0.89
F32	11 May 2021	42	11.66	87.63	6.6	33.69	8.0	25.6	0.79
F32	11 May 2021	43	11.39	87.75	6.3	33.67	7.9	25.7	0.74
F32	11 May 2021	44	11.20	87.91	6.2	33.63	7.9	25.7	0.68
F32	11 May 2021	45	11.17	87.96	6.1	33.61	7.9	25.7	0.69
F32	11 May 2021	46	11.17	87.96	6.1	33.61	7.9	25.7	0.65
F32	11 May 2021	47	11.15	87.99	6.1	33.61	7.9	25.7	0.64
F32	11 May 2021	48	11.08	88.07	6.0	33.61	7.9	25.7	0.63
F32	11 May 2021	49	11.00	88.16	5.8	33.62	7.9	25.7	0.61
F32	11 May 2021	50	10.99	88.14	5.6	33.64	7.9	25.7	0.59
F32	11 May 2021	51	11.00	88.11	5.5	33.68	7.9	25.7	0.60
F32	11 May 2021	52	10.99	88.08	5.4	33.68	7.9	25.8	0.62
F32	11 May 2021	53	10.99	88.00	5.3	33.69	7.9	25.8	0.58
F32	11 May 2021	54	10.96	88.11	5.3	33.69	7.9	25.8	0.58
F32	11 May 2021	55	10.96	88.08	5.2	33.70	7.9	25.8	0.65
F32	11 May 2021	56	10.96	88.01	5.2	33.71	7.9	25.8	0.59
F32	11 May 2021	57	10.93	88.02	5.1	33.74	7.8	25.8	0.61
F32	11 May 2021	58	10.88	87.99	4.9	33.76	7.8	25.8	0.51
F32	11 May 2021	59	10.83	87.53	4.7	33.77	7.8	25.9	0.48
F32	11 May 2021	60	10.76	86.64	4.6	33.77	7.8	25.9	0.45
F32	11 May 2021	61	10.73	86.45	4.6	33.76	7.8	25.9	0.42
F32	11 May 2021	62	10.73	86.47	4.6	33.76	7.8	25.9	0.44
F32	11 May 2021	63	10.74	86.48	4.6	33.76	7.8	25.9	0.43
F32	11 May 2021	64	10.75	86.65	4.6	33.76	7.8	25.9	0.42
F32	11 May 2021	65	10.77	86.87	4.6	33.77	7.8	25.9	0.48
F32	11 May 2021	66	10.78	86.81	4.6	33.78	7.8	25.9	0.48
F32	11 May 2021	67	10.78	87.05	4.6	33.79	7.8	25.9	0.43
F32	11 May 2021	68	10.78	87.16	4.6	33.79	7.8	25.9	0.48
F32	11 May 2021	69	10.75	87.03	4.6	33.80	7.8	25.9	0.43
F32	11 May 2021	70	10.71	87.03	4.5	33.79	7.8	25.9	0.45
F32	11 May 2021	71	10.71	87.00	4.5	33.79	7.8	25.9	0.47
F32	11 May 2021	72	10.71	87.04	4.5	33.79	7.8	25.9	0.40
F32	11 May 2021	73	10.71	86.96	4.5	33.79	7.8	25.9	0.42
F32	11 May 2021	74	10.71	85.11	4.5	33.79	7.8	25.9	0.41
F32	11 May 2021	75	10.70	86.92	4.5	33.79	7.8	25.9	0.40
F32	11 May 2021	76	10.69	86.89	4.5	33.78	7.8	25.9	0.42
F32	11 May 2021	77	10.69	86.99	4.5	33.78	7.8	25.9	0.41
F32	11 May 2021	78	10.69	86.97	4.5	33.78	7.8	25.9	0.40
F32	11 May 2021	79	10.69	87.10	4.5	33.79	7.8	25.9	0.42
F32	11 May 2021	80	10.70	87.44	4.6	33.80	7.8	25.9	0.39
F32	11 May 2021	81	10.70	87.40	4.6	33.80	7.8	25.9	0.41
F32	11 May 2021	82	10.69	87.35	4.5	33.80	7.8	25.9	0.41
F32	11 May 2021	83	10.64	86.92	4.5	33.79	7.8	25.9	0.39
F32	11 May 2021	84	10.58	86.49	4.4	33.79	7.8	25.9	0.40
F32	11 May 2021	85	10.54	86.41	4.4	33.79	7.8	25.9	0.38
F32	11 May 2021	86	10.51	86.49	4.4	33.80	7.8	25.9	0.39
F32	11 May 2021	87	10.46	86.38	4.3	33.82	7.8	25.9	0.37
F32	11 May 2021	88	10.43	86.58	4.3	33.83	7.8	26.0	0.39
F32	11 May 2021	89	10.42	87.23	4.3	33.84	7.8	26.0	0.37
F32	11 May 2021	90	10.38	87.64	4.3	33.86	7.8	26.0	0.36
F32	11 May 2021	91	10.37	87.73	4.3	33.86	7.8	26.0	0.35
F32	11 May 2021	92	10.36	87.85	4.3	33.86	7.8	26.0	0.36
F32	11 May 2021	93	10.35	87.82	4.3	33.87	7.8	26.0	0.35

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F32	11 May 2021	94	10.35	87.88	4.3	33.87	7.8	26.0	0.34
F32	11 May 2021	95	10.27	87.93	4.2	33.89	7.8	26.0	0.34
F32	11 May 2021	96	10.22	87.81	4.2	33.89	7.8	26.1	0.34
F32	11 May 2021	97	10.20	87.60	4.2	33.89	7.8	26.1	0.34
F32	11 May 2021	98	10.19	87.63	4.2	33.89	7.8	26.1	0.32
F32	11 May 2021	99	10.19	87.61	4.2	33.89	7.8	26.1	0.34
F32	11 May 2021	100	10.18	87.54	4.2	33.90	7.8	26.1	0.33
F32	11 May 2021	101	10.13	87.26	4.1	33.91	7.8	26.1	0.32
F32	11 May 2021	102	10.11	86.97	4.1	33.91	7.8	26.1	0.31
F33	11 May 2021	1	17.06	84.37	8.7	33.69	8.2	24.5	0.76
F33	11 May 2021	2	17.05	84.52	8.7	33.69	8.2	24.5	0.78
F33	11 May 2021	3	17.05	84.47	8.7	33.69	8.2	24.5	0.78
F33	11 May 2021	4	17.04	84.44	8.7	33.69	8.2	24.5	0.78
F33	11 May 2021	5	17.00	84.51	8.7	33.69	8.2	24.5	0.80
F33	11 May 2021	6	16.84	84.42	8.7	33.68	8.2	24.5	0.84
F33	11 May 2021	7	16.62	84.44	8.7	33.67	8.2	24.6	0.87
F33	11 May 2021	8	16.41	84.45	8.7	33.65	8.2	24.6	0.88
F33	11 May 2021	9	16.15	84.32	8.7	33.64	8.2	24.7	0.89
F33	11 May 2021	10	15.92	84.49	8.7	33.62	8.2	24.7	0.93
F33	11 May 2021	11	15.73	84.48	8.8	33.60	8.2	24.7	0.97
F33	11 May 2021	12	15.60	84.50	8.8	33.59	8.2	24.8	0.95
F33	11 May 2021	13	15.51	84.60	8.8	33.59	8.2	24.8	0.99
F33	11 May 2021	14	15.38	84.57	8.8	33.58	8.2	24.8	1.03
F33	11 May 2021	15	15.31	84.44	8.8	33.58	8.2	24.8	1.09
F33	11 May 2021	16	15.20	84.49	8.8	33.58	8.2	24.8	1.18
F33	11 May 2021	17	14.96	84.48	8.8	33.58	8.2	24.9	1.22
F33	11 May 2021	18	14.82	84.25	8.7	33.59	8.2	24.9	1.42
F33	11 May 2021	19	14.05	83.73	8.6	33.59	8.1	25.1	1.86
F33	11 May 2021	20	13.88	83.51	8.5	33.57	8.1	25.1	2.13
F33	11 May 2021	21	13.73	83.43	8.5	33.59	8.1	25.2	2.47
F33	11 May 2021	22	13.69	83.55	8.5	33.60	8.1	25.2	2.52
F33	11 May 2021	23	13.63	83.81	8.6	33.66	8.1	25.2	2.44
F33	11 May 2021	24	13.57	84.07	8.7	33.68	8.1	25.3	2.45
F33	11 May 2021	25	13.48	83.95	8.6	33.70	8.1	25.3	2.49
F33	11 May 2021	26	13.35	84.02	8.6	33.71	8.1	25.3	2.46
F33	11 May 2021	27	13.27	84.52	8.5	33.72	8.1	25.3	2.33
F33	11 May 2021	28	13.10	84.94	8.3	33.73	8.1	25.4	2.20
F33	11 May 2021	29	12.84	85.10	8.0	33.71	8.1	25.4	2.20
F33	11 May 2021	30	12.68	85.17	7.9	33.71	8.1	25.5	2.22
F33	11 May 2021	31	12.56	85.48	7.8	33.70	8.0	25.5	2.02
F33	11 May 2021	32	12.52	85.80	7.7	33.72	8.0	25.5	1.93
F33	11 May 2021	33	12.44	86.12	7.6	33.71	8.0	25.5	1.78
F33	11 May 2021	34	12.32	86.44	7.4	33.71	8.0	25.5	1.61
F33	11 May 2021	35	12.19	86.63	7.3	33.69	8.0	25.5	1.42
F33	11 May 2021	36	12.06	86.93	7.1	33.69	8.0	25.6	1.20
F33	11 May 2021	37	11.99	87.12	7.0	33.69	8.0	25.6	1.04
F33	11 May 2021	38	11.91	87.34	6.9	33.68	8.0	25.6	0.91
F33	11 May 2021	39	11.87	87.41	6.9	33.68	8.0	25.6	0.87
F33	11 May 2021	40	11.83	87.43	6.8	33.69	8.0	25.6	0.85
F33	11 May 2021	41	11.78	87.37	6.6	33.70	8.0	25.6	0.78
F33	11 May 2021	42	11.64	87.42	6.4	33.70	7.9	25.6	0.75
F33	11 May 2021	43	11.38	87.52	6.2	33.67	7.9	25.7	0.71
F33	11 May 2021	44	11.20	87.75	6.1	33.64	7.9	25.7	0.71
F33	11 May 2021	45	11.12	87.95	6.0	33.62	7.9	25.7	0.63
F33	11 May 2021	46	11.04	88.03	5.9	33.61	7.9	25.7	0.62
F33	11 May 2021	47	11.02	88.05	5.8	33.61	7.9	25.7	0.60
F33	11 May 2021	48	11.01	88.06	5.8	33.62	7.9	25.7	0.60
F33	11 May 2021	49	10.97	88.08	5.6	33.64	7.9	25.7	0.59
F33	11 May 2021	50	10.98	88.02	5.4	33.66	7.9	25.7	0.58
F33	11 May 2021	51	10.97	88.04	5.3	33.69	7.9	25.8	0.60

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F33	11 May 2021	52	10.97	87.90	5.1	33.72	7.9	25.8	0.59
F33	11 May 2021	53	10.96	87.82	5.0	33.73	7.8	25.8	0.61
F33	11 May 2021	54	10.95	87.87	4.9	33.74	7.8	25.8	0.56
F33	11 May 2021	55	10.93	87.85	4.9	33.76	7.8	25.8	0.55
F33	11 May 2021	56	10.92	87.73	4.8	33.76	7.8	25.8	0.56
F33	11 May 2021	57	10.91	87.54	4.7	33.77	7.8	25.8	0.52
F33	11 May 2021	58	10.85	87.48	4.6	33.79	7.8	25.9	0.47
F33	11 May 2021	59	10.84	87.36	4.6	33.79	7.8	25.9	0.45
F33	11 May 2021	60	10.85	87.27	4.6	33.79	7.8	25.9	0.43
F33	11 May 2021	61	10.82	87.35	4.6	33.79	7.8	25.9	0.43
F33	11 May 2021	62	10.80	87.27	4.5	33.79	7.8	25.9	0.44
F33	11 May 2021	63	10.79	87.16	4.5	33.80	7.8	25.9	0.43
F33	11 May 2021	64	10.79	87.28	4.5	33.80	7.8	25.9	0.42
F33	11 May 2021	65	10.75	87.27	4.5	33.80	7.8	25.9	0.44
F33	11 May 2021	66	10.75	87.28	4.5	33.80	7.8	25.9	0.42
F33	11 May 2021	67	10.75	87.32	4.5	33.80	7.8	25.9	0.42
F33	11 May 2021	68	10.74	87.35	4.5	33.80	7.8	25.9	0.42
F33	11 May 2021	69	10.74	87.35	4.5	33.80	7.8	25.9	0.41
F33	11 May 2021	70	10.74	87.41	4.5	33.80	7.8	25.9	0.41
F33	11 May 2021	71	10.74	87.37	4.5	33.80	7.8	25.9	0.41
F33	11 May 2021	72	10.73	87.39	4.5	33.80	7.8	25.9	0.42
F33	11 May 2021	73	10.71	87.43	4.5	33.80	7.8	25.9	0.45
F33	11 May 2021	74	10.69	87.50	4.5	33.80	7.8	25.9	0.44
F33	11 May 2021	75	10.68	87.51	4.5	33.80	7.8	25.9	0.40
F33	11 May 2021	76	10.65	87.48	4.5	33.80	7.8	25.9	0.46
F33	11 May 2021	77	10.61	87.41	4.4	33.80	7.8	25.9	0.39
F33	11 May 2021	78	10.58	87.18	4.4	33.80	7.8	25.9	0.40
F33	11 May 2021	79	10.55	86.84	4.3	33.80	7.8	25.9	0.38
F33	11 May 2021	80	10.50	86.62	4.3	33.79	7.8	25.9	0.38
F33	11 May 2021	81	10.46	86.30	4.2	33.81	7.8	25.9	0.37
F33	11 May 2021	82	10.43	86.10	4.2	33.83	7.8	26.0	0.38
F33	11 May 2021	83	10.41	86.86	4.3	33.85	7.8	26.0	0.36
F33	11 May 2021	84	10.38	87.66	4.3	33.86	7.8	26.0	0.35
F33	11 May 2021	85	10.36	87.87	4.3	33.87	7.8	26.0	0.36
F33	11 May 2021	86	10.35	87.87	4.3	33.87	7.8	26.0	0.35
F33	11 May 2021	87	10.33	87.92	4.2	33.87	7.8	26.0	0.33
F33	11 May 2021	88	10.32	87.95	4.2	33.87	7.8	26.0	0.33
F33	11 May 2021	89	10.31	87.89	4.2	33.87	7.8	26.0	0.33
F33	11 May 2021	90	10.29	87.92	4.2	33.88	7.8	26.0	0.33
F33	11 May 2021	91	10.21	87.91	4.1	33.90	7.8	26.1	0.33
F33	11 May 2021	92	10.20	87.87	4.1	33.90	7.8	26.1	0.33
F33	11 May 2021	93	10.19	87.86	4.1	33.90	7.8	26.1	0.32
F33	11 May 2021	94	10.19	87.82	4.1	33.90	7.8	26.1	0.32
F33	11 May 2021	95	10.19	87.70	4.1	33.90	7.8	26.1	0.32
F33	11 May 2021	96	10.19	87.79	4.1	33.90	7.8	26.1	0.32
F33	11 May 2021	97	10.18	87.78	4.1	33.90	7.8	26.1	0.32
F33	11 May 2021	98	10.17	87.76	4.1	33.90	7.8	26.1	0.32
F33	11 May 2021	99	10.16	87.69	4.1	33.90	7.8	26.1	0.33
F33	11 May 2021	100	10.15	87.63	4.1	33.90	7.8	26.1	0.32
F33	11 May 2021	101	10.14	87.30	4.1	33.90	7.8	26.1	0.32
F33	11 May 2021	102	10.14	87.15	4.0	33.90	7.8	26.1	0.32
F34	11 May 2021	1	17.00	83.93	9.2	33.70	8.2	24.5	0.80
F34	11 May 2021	2	16.99	84.21	9.2	33.70	8.2	24.5	0.81
F34	11 May 2021	3	16.99	84.26	9.2	33.70	8.2	24.5	0.84
F34	11 May 2021	4	16.99	83.98	9.2	33.70	8.2	24.5	0.85
F34	11 May 2021	5	16.99	83.93	9.2	33.70	8.2	24.5	0.87
F34	11 May 2021	6	16.99	84.33	9.2	33.70	8.2	24.5	0.87
F34	11 May 2021	7	16.90	84.34	9.2	33.71	8.2	24.5	0.92
F34	11 May 2021	8	16.75	84.24	9.2	33.69	8.2	24.6	1.09
F34	11 May 2021	9	16.42	84.21	8.9	33.72	8.2	24.7	1.11

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F34	11 May 2021	10	15.33	84.66	8.8	33.66	8.2	24.9	1.03
F34	11 May 2021	11	15.04	84.99	8.7	33.60	8.2	24.9	1.02
F34	11 May 2021	12	14.70	84.65	8.8	33.60	8.2	25.0	1.13
F34	11 May 2021	13	14.52	84.33	8.8	33.58	8.2	25.0	1.22
F34	11 May 2021	14	14.33	84.01	8.8	33.58	8.2	25.0	1.47
F34	11 May 2021	15	13.88	83.08	8.7	33.58	8.1	25.1	1.90
F34	11 May 2021	16	13.72	82.94	8.6	33.55	8.1	25.1	2.43
F34	11 May 2021	17	13.62	82.64	8.4	33.60	8.1	25.2	3.45
F34	11 May 2021	18	13.47	81.51	8.5	33.67	8.1	25.3	4.12
F34	11 May 2021	19	13.40	81.83	8.5	33.68	8.1	25.3	4.35
F34	11 May 2021	20	13.22	83.66	8.4	33.70	8.1	25.3	3.62
F34	11 May 2021	21	13.08	84.27	8.3	33.70	8.1	25.4	2.98
F34	11 May 2021	22	12.97	84.11	8.2	33.69	8.1	25.4	2.86
F34	11 May 2021	23	12.88	84.28	8.1	33.70	8.1	25.4	2.78
F34	11 May 2021	24	12.78	84.62	8.1	33.70	8.1	25.4	2.66
F34	11 May 2021	25	12.76	84.82	8.0	33.71	8.1	25.4	2.57
F34	11 May 2021	26	12.45	85.28	7.8	33.70	8.0	25.5	2.49
F34	11 May 2021	27	12.28	85.59	7.6	33.67	8.0	25.5	2.20
F34	11 May 2021	28	12.23	85.94	7.5	33.66	8.0	25.5	1.82
F34	11 May 2021	29	12.20	86.21	7.5	33.67	8.0	25.5	1.75
F34	11 May 2021	30	12.13	86.41	7.4	33.67	8.0	25.5	1.51
F34	11 May 2021	31	12.07	86.54	7.3	33.68	8.0	25.6	1.37
F34	11 May 2021	32	11.95	86.92	7.2	33.67	8.0	25.6	1.24
F34	11 May 2021	33	11.91	87.02	7.1	33.67	8.0	25.6	1.14
F34	11 May 2021	34	11.85	87.04	7.0	33.68	8.0	25.6	1.06
F34	11 May 2021	35	11.81	87.11	7.0	33.68	8.0	25.6	1.02
F34	11 May 2021	36	11.77	87.13	7.0	33.68	8.0	25.6	0.94
F34	11 May 2021	37	11.77	87.30	6.9	33.69	8.0	25.6	0.87
F34	11 May 2021	38	11.66	87.37	6.6	33.70	7.9	25.6	0.78
F34	11 May 2021	39	11.35	87.59	6.3	33.69	7.9	25.7	0.69
F34	11 May 2021	40	11.12	87.77	6.1	33.64	7.9	25.7	0.65
F34	11 May 2021	41	11.01	87.99	5.9	33.63	7.9	25.7	0.61
F34	11 May 2021	42	10.97	88.08	5.7	33.64	7.9	25.7	0.58
F34	11 May 2021	43	10.96	88.19	5.5	33.65	7.9	25.7	0.60
F34	11 May 2021	44	10.96	88.15	5.3	33.68	7.9	25.8	0.62
F34	11 May 2021	45	10.94	88.00	5.1	33.74	7.9	25.8	0.57
F34	11 May 2021	46	10.89	87.99	4.9	33.77	7.8	25.8	0.52
F34	11 May 2021	47	10.89	87.77	4.8	33.77	7.8	25.8	0.53
F34	11 May 2021	48	10.87	87.65	4.8	33.77	7.8	25.8	0.56
F34	11 May 2021	49	10.85	87.50	4.7	33.78	7.8	25.9	0.63
F34	11 May 2021	50	10.83	87.52	4.7	33.79	7.8	25.9	0.52
F34	11 May 2021	51	10.81	87.47	4.6	33.79	7.8	25.9	0.43
F34	11 May 2021	52	10.79	87.29	4.6	33.80	7.8	25.9	0.44
F34	11 May 2021	53	10.78	87.10	4.6	33.80	7.8	25.9	0.42
F34	11 May 2021	54	10.76	87.22	4.6	33.80	7.8	25.9	0.42
F34	11 May 2021	55	10.76	87.23	4.5	33.80	7.8	25.9	0.41
F34	11 May 2021	56	10.72	87.22	4.5	33.80	7.8	25.9	0.39
F34	11 May 2021	57	10.70	87.12	4.5	33.79	7.8	25.9	0.41
F34	11 May 2021	58	10.70	87.01	4.5	33.79	7.8	25.9	0.44
F34	11 May 2021	59	10.70	86.93	4.5	33.79	7.8	25.9	0.41
F34	11 May 2021	60	10.69	86.94	4.5	33.79	7.8	25.9	0.40
F34	11 May 2021	61	10.69	86.93	4.5	33.79	7.8	25.9	0.41
F34	11 May 2021	62	10.68	86.91	4.5	33.79	7.8	25.9	0.40
F34	11 May 2021	63	10.68	86.95	4.5	33.79	7.8	25.9	0.41
F34	11 May 2021	64	10.68	86.91	4.5	33.79	7.8	25.9	0.40
F34	11 May 2021	65	10.68	86.86	4.5	33.79	7.8	25.9	0.39
F34	11 May 2021	66	10.65	86.96	4.5	33.80	7.8	25.9	0.39
F34	11 May 2021	67	10.57	87.26	4.4	33.81	7.8	25.9	0.38
F34	11 May 2021	68	10.52	86.88	4.4	33.81	7.8	25.9	0.37
F34	11 May 2021	69	10.50	86.72	4.4	33.81	7.8	25.9	0.38
F34	11 May 2021	70	10.48	86.70	4.3	33.81	7.8	25.9	0.38

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F34	11 May 2021	71	10.46	86.42	4.3	33.81	7.8	25.9	0.36
F34	11 May 2021	72	10.45	86.33	4.3	33.82	7.8	25.9	0.39
F34	11 May 2021	73	10.45	86.26	4.3	33.82	7.8	26.0	0.38
F34	11 May 2021	74	10.45	86.28	4.3	33.82	7.8	26.0	0.38
F34	11 May 2021	75	10.45	86.41	4.3	33.82	7.8	26.0	0.38
F34	11 May 2021	76	10.44	86.29	4.3	33.82	7.8	26.0	0.36
F34	11 May 2021	77	10.44	86.21	4.3	33.82	7.8	26.0	0.36
F34	11 May 2021	78	10.44	86.34	4.3	33.83	7.8	26.0	0.37
F34	11 May 2021	79	10.44	86.71	4.3	33.83	7.8	26.0	0.37
F34	11 May 2021	80	10.44	86.95	4.3	33.84	7.8	26.0	0.36
F34	11 May 2021	81	10.44	87.61	4.4	33.84	7.8	26.0	0.36
F34	11 May 2021	82	10.42	87.75	4.4	33.84	7.8	26.0	0.37
F34	11 May 2021	83	10.40	87.90	4.4	33.85	7.8	26.0	0.34
F34	11 May 2021	84	10.35	88.08	4.3	33.86	7.8	26.0	0.33
F34	11 May 2021	85	10.32	88.08	4.3	33.87	7.8	26.0	0.35
F34	11 May 2021	86	10.28	88.06	4.3	33.88	7.8	26.0	0.34
F34	11 May 2021	87	10.26	88.00	4.2	33.88	7.8	26.0	0.32
F34	11 May 2021	88	10.25	87.90	4.2	33.89	7.8	26.0	0.36
F34	11 May 2021	89	10.24	87.89	4.2	33.89	7.8	26.0	0.34
F34	11 May 2021	90	10.24	87.93	4.2	33.89	7.8	26.0	0.34
F34	11 May 2021	91	10.23	87.92	4.2	33.89	7.8	26.0	0.33
F34	11 May 2021	92	10.16	87.92	4.2	33.91	7.8	26.1	0.34
F34	11 May 2021	93	10.08	87.88	4.2	33.91	7.8	26.1	0.32
F34	11 May 2021	94	10.07	87.87	4.2	33.90	7.8	26.1	0.32
F34	11 May 2021	95	10.07	87.80	4.2	33.90	7.8	26.1	0.32
F34	11 May 2021	96	10.06	87.81	4.2	33.90	7.8	26.1	0.31
F34	11 May 2021	97	10.07	87.81	4.2	33.90	7.8	26.1	0.31
F34	11 May 2021	98	10.07	87.76	4.2	33.90	7.8	26.1	0.31
F34	11 May 2021	99	10.07	87.77	4.1	33.91	7.8	26.1	0.30
F34	11 May 2021	100	10.07	87.61	4.1	33.91	7.8	26.1	0.32
F34	11 May 2021	101	10.07	87.41	4.1	33.91	7.8	26.1	0.30
F34	11 May 2021	102	10.08	87.34	4.1	33.91	7.8	26.1	0.31
F35	11 May 2021	1	17.02	83.23	9.6	33.72	8.3	24.5	1.01
F35	11 May 2021	2	17.02	83.15	9.6	33.72	8.3	24.5	1.02
F35	11 May 2021	3	17.02	83.28	9.7	33.72	8.3	24.5	1.05
F35	11 May 2021	4	17.01	83.35	9.6	33.72	8.3	24.5	1.09
F35	11 May 2021	5	16.59	83.39	9.5	33.79	8.3	24.7	1.15
F35	11 May 2021	6	15.74	83.97	9.3	33.71	8.2	24.8	1.22
F35	11 May 2021	7	15.35	84.60	9.1	33.64	8.2	24.8	1.18
F35	11 May 2021	8	14.86	84.84	8.9	33.64	8.2	25.0	1.21
F35	11 May 2021	9	14.49	84.75	8.8	33.62	8.2	25.0	1.21
F35	11 May 2021	10	14.12	84.46	8.8	33.62	8.2	25.1	1.41
F35	11 May 2021	11	13.95	83.79	8.8	33.59	8.1	25.1	1.68
F35	11 May 2021	12	13.88	83.30	8.8	33.58	8.1	25.1	1.97
F35	11 May 2021	13	13.84	83.12	8.8	33.58	8.1	25.1	2.13
F35	11 May 2021	14	13.82	82.98	8.9	33.58	8.1	25.1	2.30
F35	11 May 2021	15	13.77	82.73	8.7	33.60	8.1	25.2	2.49
F35	11 May 2021	16	13.36	81.99	8.4	33.62	8.1	25.3	3.26
F35	11 May 2021	17	13.27	82.47	8.2	33.59	8.1	25.2	3.86
F35	11 May 2021	18	13.17	82.38	8.1	33.60	8.1	25.3	4.20
F35	11 May 2021	19	13.09	81.90	8.0	33.60	8.1	25.3	4.78
F35	11 May 2021	20	13.02	80.83	8.0	33.63	8.1	25.3	5.35
F35	11 May 2021	21	12.99	82.29	8.1	33.65	8.1	25.3	4.91
F35	11 May 2021	22	13.00	83.54	8.1	33.65	8.1	25.3	4.29
F35	11 May 2021	23	12.99	83.88	8.2	33.67	8.1	25.4	3.65
F35	11 May 2021	24	12.97	84.56	8.1	33.69	8.1	25.4	3.08
F35	11 May 2021	25	12.86	84.66	8.0	33.69	8.0	25.4	2.73
F35	11 May 2021	26	12.79	84.95	7.8	33.71	8.0	25.4	2.57
F35	11 May 2021	27	12.43	85.38	7.5	33.69	8.0	25.5	2.29
F35	11 May 2021	28	12.37	85.76	7.5	33.69	8.0	25.5	2.09

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F35	11 May 2021	29	12.25	85.92	7.5	33.68	8.0	25.5	1.98
F35	11 May 2021	30	12.14	86.25	7.4	33.67	8.0	25.5	1.74
F35	11 May 2021	31	12.07	86.50	7.3	33.67	8.0	25.5	1.48
F35	11 May 2021	32	11.98	86.66	7.1	33.67	8.0	25.6	1.32
F35	11 May 2021	33	11.98	86.82	7.1	33.67	8.0	25.6	1.25
F35	11 May 2021	34	11.88	87.01	7.0	33.68	8.0	25.6	1.12
F35	11 May 2021	35	11.85	87.08	7.0	33.68	8.0	25.6	1.03
F35	11 May 2021	36	11.77	87.10	6.8	33.70	7.9	25.6	0.99
F35	11 May 2021	37	11.69	87.30	6.7	33.71	7.9	25.6	0.88
F35	11 May 2021	38	11.62	87.42	6.6	33.71	7.9	25.7	0.82
F35	11 May 2021	39	11.53	87.45	6.5	33.70	7.9	25.7	0.74
F35	11 May 2021	40	11.53	87.63	6.4	33.69	7.9	25.7	0.69
F35	11 May 2021	41	11.38	87.75	6.3	33.70	7.9	25.7	0.66
F35	11 May 2021	42	11.28	87.75	6.1	33.68	7.9	25.7	0.64
F35	11 May 2021	43	11.04	87.85	5.9	33.66	7.9	25.7	0.59
F35	11 May 2021	44	10.89	88.01	5.8	33.63	7.9	25.7	0.58
F35	11 May 2021	45	10.86	88.05	5.7	33.62	7.9	25.7	0.56
F35	11 May 2021	46	10.87	88.13	5.6	33.63	7.9	25.7	0.56
F35	11 May 2021	47	10.90	88.13	5.4	33.68	7.9	25.8	0.55
F35	11 May 2021	48	10.91	88.11	5.2	33.70	7.9	25.8	0.57
F35	11 May 2021	49	10.92	88.01	5.2	33.70	7.8	25.8	0.58
F35	11 May 2021	50	10.92	88.04	5.1	33.71	7.8	25.8	0.62
F35	11 May 2021	51	10.93	87.99	5.0	33.73	7.8	25.8	0.56
F35	11 May 2021	52	10.91	87.88	4.8	33.77	7.8	25.8	0.53
F35	11 May 2021	53	10.84	87.78	4.7	33.78	7.8	25.9	0.53
F35	11 May 2021	54	10.81	87.66	4.6	33.79	7.8	25.9	0.48
F35	11 May 2021	55	10.78	87.52	4.5	33.80	7.8	25.9	0.46
F35	11 May 2021	56	10.76	87.65	4.5	33.80	7.8	25.9	0.45
F35	11 May 2021	57	10.74	87.76	4.5	33.81	7.8	25.9	0.43
F35	11 May 2021	58	10.73	87.75	4.5	33.81	7.8	25.9	0.41
F35	11 May 2021	59	10.71	87.85	4.5	33.81	7.8	25.9	0.40
F35	11 May 2021	60	10.68	87.84	4.5	33.81	7.8	25.9	0.40
F35	11 May 2021	61	10.67	87.83	4.5	33.82	7.8	25.9	0.39
F35	11 May 2021	62	10.64	87.87	4.4	33.82	7.8	25.9	0.41
F35	11 May 2021	63	10.66	87.81	4.4	33.82	7.8	25.9	0.40
F35	11 May 2021	64	10.62	87.69	4.4	33.83	7.8	25.9	0.41
F35	11 May 2021	65	10.60	87.63	4.4	33.83	7.8	25.9	0.40
F35	11 May 2021	66	10.58	87.70	4.4	33.83	7.8	25.9	0.39
F35	11 May 2021	67	10.58	87.73	4.4	33.83	7.8	25.9	0.39
F35	11 May 2021	68	10.57	87.78	4.4	33.83	7.8	25.9	0.39
F35	11 May 2021	69	10.57	87.78	4.4	33.83	7.8	25.9	0.38
F35	11 May 2021	70	10.57	87.76	4.4	33.83	7.8	25.9	0.38
F35	11 May 2021	71	10.57	87.74	4.4	33.83	7.8	25.9	0.39
F35	11 May 2021	72	10.55	87.74	4.4	33.83	7.8	25.9	0.39
F35	11 May 2021	73	10.51	87.77	4.4	33.83	7.8	26.0	0.36
F35	11 May 2021	74	10.50	87.86	4.4	33.83	7.8	26.0	0.36
F35	11 May 2021	75	10.49	87.90	4.4	33.83	7.8	26.0	0.38
F35	11 May 2021	76	10.49	87.92	4.4	33.83	7.8	26.0	0.37
F35	11 May 2021	77	10.49	88.00	4.4	33.83	7.8	26.0	0.37
F35	11 May 2021	78	10.48	88.01	4.4	33.83	7.8	26.0	0.37
F35	11 May 2021	79	10.48	87.96	4.4	33.84	7.8	26.0	0.39
F35	11 May 2021	80	10.48	87.85	4.3	33.84	7.8	26.0	0.37
F35	11 May 2021	81	10.47	87.75	4.3	33.84	7.8	26.0	0.37
F35	11 May 2021	82	10.38	87.89	4.3	33.86	7.8	26.0	0.36
F35	11 May 2021	83	10.33	87.99	4.2	33.87	7.8	26.0	0.34
F35	11 May 2021	84	10.29	87.99	4.2	33.88	7.8	26.0	0.34
F35	11 May 2021	85	10.28	87.94	4.2	33.88	7.8	26.0	0.33
F35	11 May 2021	86	10.27	87.93	4.2	33.88	7.8	26.0	0.34
F35	11 May 2021	87	10.26	87.90	4.1	33.89	7.8	26.0	0.33
F35	11 May 2021	88	10.24	87.92	4.1	33.89	7.8	26.0	0.32
F35	11 May 2021	89	10.22	87.96	4.1	33.89	7.8	26.0	0.34

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F35	11 May 2021	90	10.21	87.89	4.1	33.89	7.8	26.1	0.33
F35	11 May 2021	91	10.20	87.88	4.1	33.90	7.8	26.1	0.33
F35	11 May 2021	92	10.18	87.77	4.1	33.90	7.8	26.1	0.33
F35	11 May 2021	93	10.08	87.75	4.2	33.90	7.8	26.1	0.32
F35	11 May 2021	94	9.96	87.84	4.3	33.89	7.8	26.1	0.31
F35	11 May 2021	95	9.85	88.14	4.5	33.88	7.8	26.1	0.30
F35	11 May 2021	96	9.86	88.35	4.5	33.88	7.8	26.1	0.29
F35	11 May 2021	97	9.94	88.19	4.4	33.89	7.8	26.1	0.29
F35	11 May 2021	98	10.02	87.84	4.1	33.91	7.8	26.1	0.32
F35	11 May 2021	99	10.03	87.63	4.0	33.92	7.8	26.1	0.31
F35	11 May 2021	100	10.03	87.41	4.0	33.92	7.8	26.1	0.30
F35	11 May 2021	101	10.03	87.35	4.0	33.92	7.8	26.1	0.31
F36	11 May 2021	1	17.14	80.42	10.7	33.73	8.3	24.5	2.52
F36	11 May 2021	2	17.15	80.49	10.8	33.73	8.3	24.5	2.49
F36	11 May 2021	3	17.15	80.49	10.8	33.73	8.3	24.5	2.69
F36	11 May 2021	4	17.15	80.52	10.8	33.73	8.3	24.5	2.80
F36	11 May 2021	5	17.15	80.52	10.8	33.73	8.3	24.5	2.93
F36	11 May 2021	6	17.13	80.62	10.8	33.73	8.3	24.5	3.03
F36	11 May 2021	7	17.07	80.51	10.6	33.73	8.3	24.5	3.42
F36	11 May 2021	8	16.43	80.57	10.1	33.75	8.3	24.7	2.93
F36	11 May 2021	9	15.64	82.11	9.7	33.68	8.2	24.8	2.08
F36	11 May 2021	10	14.95	82.89	9.3	33.65	8.2	24.9	1.84
F36	11 May 2021	11	14.50	83.13	9.1	33.62	8.2	25.0	1.92
F36	11 May 2021	12	13.88	83.28	8.8	33.60	8.2	25.1	2.01
F36	11 May 2021	13	13.66	83.39	8.8	33.56	8.1	25.1	2.19
F36	11 May 2021	14	13.45	83.65	8.7	33.56	8.1	25.2	2.26
F36	11 May 2021	15	13.29	83.51	8.5	33.59	8.1	25.2	2.80
F36	11 May 2021	16	13.18	83.09	8.3	33.59	8.1	25.3	3.56
F36	11 May 2021	17	13.12	82.35	8.3	33.59	8.1	25.3	3.91
F36	11 May 2021	18	13.12	82.19	8.2	33.59	8.1	25.3	3.95
F36	11 May 2021	19	12.97	82.20	8.0	33.60	8.1	25.3	4.75
F36	11 May 2021	20	12.74	81.54	7.7	33.62	8.1	25.4	5.24
F36	11 May 2021	21	12.73	81.97	7.6	33.62	8.0	25.4	4.58
F36	11 May 2021	22	12.73	83.46	7.7	33.62	8.0	25.4	3.45
F36	11 May 2021	23	12.73	84.42	7.7	33.63	8.0	25.4	2.90
F36	11 May 2021	24	12.68	84.81	7.7	33.63	8.0	25.4	2.78
F36	11 May 2021	25	12.61	84.93	7.7	33.62	8.0	25.4	2.66
F36	11 May 2021	26	12.72	84.82	7.9	33.67	8.0	25.4	2.49
F36	11 May 2021	27	12.71	85.08	8.0	33.69	8.0	25.4	2.38
F36	11 May 2021	28	12.60	85.25	8.0	33.69	8.0	25.5	2.30
F36	11 May 2021	29	12.52	85.38	7.8	33.69	8.0	25.5	2.06
F36	11 May 2021	30	12.42	85.75	7.5	33.69	8.0	25.5	1.92
F36	11 May 2021	31	12.16	85.91	7.2	33.69	8.0	25.5	1.52
F36	11 May 2021	32	12.12	86.41	7.1	33.68	8.0	25.5	1.33
F36	11 May 2021	33	12.12	86.76	7.1	33.67	8.0	25.5	1.31
F36	11 May 2021	34	12.06	86.89	7.0	33.67	8.0	25.5	1.25
F36	11 May 2021	35	11.90	86.85	6.8	33.67	8.0	25.6	1.08
F36	11 May 2021	36	11.87	87.05	6.7	33.66	8.0	25.6	1.01
F36	11 May 2021	37	11.83	87.24	6.7	33.70	7.9	25.6	0.93
F36	11 May 2021	38	11.78	87.24	6.6	33.70	7.9	25.6	0.90
F36	11 May 2021	39	11.65	87.36	6.5	33.70	7.9	25.6	0.82
F36	11 May 2021	40	11.45	87.48	6.3	33.69	7.9	25.7	0.68
F36	11 May 2021	41	11.40	87.65	6.2	33.69	7.9	25.7	0.63
F36	11 May 2021	42	11.36	87.73	6.2	33.69	7.9	25.7	0.61
F36	11 May 2021	43	11.37	87.80	6.1	33.69	7.9	25.7	0.57
F36	11 May 2021	44	11.16	87.83	5.9	33.69	7.9	25.7	0.51
F36	11 May 2021	45	11.02	87.89	5.7	33.68	7.9	25.7	0.51
F36	11 May 2021	46	10.87	87.97	5.6	33.66	7.9	25.8	0.50
F36	11 May 2021	47	10.83	88.08	5.5	33.66	7.9	25.8	0.51
F36	11 May 2021	48	10.81	88.19	5.4	33.67	7.9	25.8	0.51

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ($\sigma\text{-t}$)	Chlor ($\mu\text{g/L}$)
F36	11 May 2021	49	10.82	88.18	5.3	33.68	7.9	25.8	0.53
F36	11 May 2021	50	10.80	88.13	5.2	33.70	7.9	25.8	0.51
F36	11 May 2021	51	10.80	88.11	5.1	33.71	7.8	25.8	0.53
F36	11 May 2021	52	10.83	88.07	4.9	33.75	7.8	25.8	0.51
F36	11 May 2021	53	10.80	87.96	4.7	33.78	7.8	25.9	0.49
F36	11 May 2021	54	10.78	87.67	4.6	33.80	7.8	25.9	0.48
F36	11 May 2021	55	10.73	87.43	4.5	33.80	7.8	25.9	0.44
F36	11 May 2021	56	10.70	87.48	4.5	33.81	7.8	25.9	0.42
F36	11 May 2021	57	10.69	87.44	4.5	33.81	7.8	25.9	0.44
F36	11 May 2021	58	10.68	87.44	4.4	33.81	7.8	25.9	0.43
F36	11 May 2021	59	10.68	87.28	4.4	33.81	7.8	25.9	0.42
F36	11 May 2021	60	10.65	87.25	4.4	33.82	7.8	25.9	0.40
F36	11 May 2021	61	10.62	87.51	4.4	33.82	7.8	25.9	0.41
F36	11 May 2021	62	10.61	87.61	4.4	33.83	7.8	25.9	0.39
F36	11 May 2021	63	10.61	87.68	4.4	33.83	7.8	25.9	0.44
F36	11 May 2021	64	10.61	87.74	4.4	33.83	7.8	25.9	0.40
F36	11 May 2021	65	10.61	87.66	4.4	33.82	7.8	25.9	0.39
F36	11 May 2021	66	10.60	87.70	4.4	33.83	7.8	25.9	0.39
F36	11 May 2021	67	10.58	87.68	4.4	33.82	7.8	25.9	0.39
F36	11 May 2021	68	10.57	87.74	4.4	33.83	7.8	25.9	0.38
F36	11 May 2021	69	10.53	87.82	4.4	33.83	7.8	25.9	0.37
F36	11 May 2021	70	10.52	87.89	4.4	33.83	7.8	25.9	0.37
F36	11 May 2021	71	10.48	87.94	4.3	33.84	7.8	26.0	0.35
F36	11 May 2021	72	10.43	87.86	4.3	33.85	7.8	26.0	0.35
F36	11 May 2021	73	10.41	87.79	4.3	33.85	7.8	26.0	0.35
F36	11 May 2021	74	10.41	87.91	4.3	33.85	7.8	26.0	0.36
F36	11 May 2021	75	10.38	87.91	4.3	33.86	7.8	26.0	0.35
F36	11 May 2021	76	10.36	87.86	4.2	33.86	7.8	26.0	0.34
F36	11 May 2021	77	10.35	87.94	4.2	33.86	7.8	26.0	0.34
F36	11 May 2021	78	10.33	87.96	4.2	33.87	7.8	26.0	0.35
F36	11 May 2021	79	10.32	87.96	4.2	33.87	7.8	26.0	0.34
F36	11 May 2021	80	10.31	87.93	4.2	33.88	7.8	26.0	0.33
F36	11 May 2021	81	10.31	87.86	4.2	33.88	7.8	26.0	0.34
F36	11 May 2021	82	10.30	87.83	4.2	33.88	7.8	26.0	0.35
F36	11 May 2021	83	10.29	87.85	4.2	33.88	7.8	26.0	0.34
F36	11 May 2021	84	10.27	87.85	4.1	33.88	7.8	26.0	0.33
F36	11 May 2021	85	10.25	87.85	4.1	33.88	7.8	26.0	0.35
F36	11 May 2021	86	10.21	87.85	4.1	33.89	7.8	26.0	0.34
F36	11 May 2021	87	10.20	87.83	4.1	33.89	7.8	26.1	0.35
F36	11 May 2021	88	10.17	87.79	4.1	33.89	7.8	26.1	0.33
F36	11 May 2021	89	10.13	87.72	4.1	33.90	7.8	26.1	0.33
F36	11 May 2021	90	10.08	87.68	4.1	33.90	7.8	26.1	0.32
F36	11 May 2021	91	10.06	87.64	4.1	33.91	7.8	26.1	0.32
F36	11 May 2021	92	10.07	87.36	4.0	33.91	7.8	26.1	0.32
F36	11 May 2021	93	10.07	87.20	4.0	33.91	7.8	26.1	0.34
F36	11 May 2021	94	10.07	86.88	4.0	33.91	7.8	26.1	0.31
F36	11 May 2021	95	10.07	86.99	4.0	33.91	7.8	26.1	0.32
F36	11 May 2021	96	10.07	87.00	4.0	33.92	7.8	26.1	0.31
F36	11 May 2021	97	10.07	86.99	4.0	33.92	7.8	26.1	0.32
F36	11 May 2021	98	10.07	87.00	4.0	33.92	7.8	26.1	0.31
F36	11 May 2021	99	10.07	86.84	4.0	33.92	7.8	26.1	0.33
F36	11 May 2021	100	10.07	86.84	4.0	33.92	7.7	26.1	0.33

NA = not available

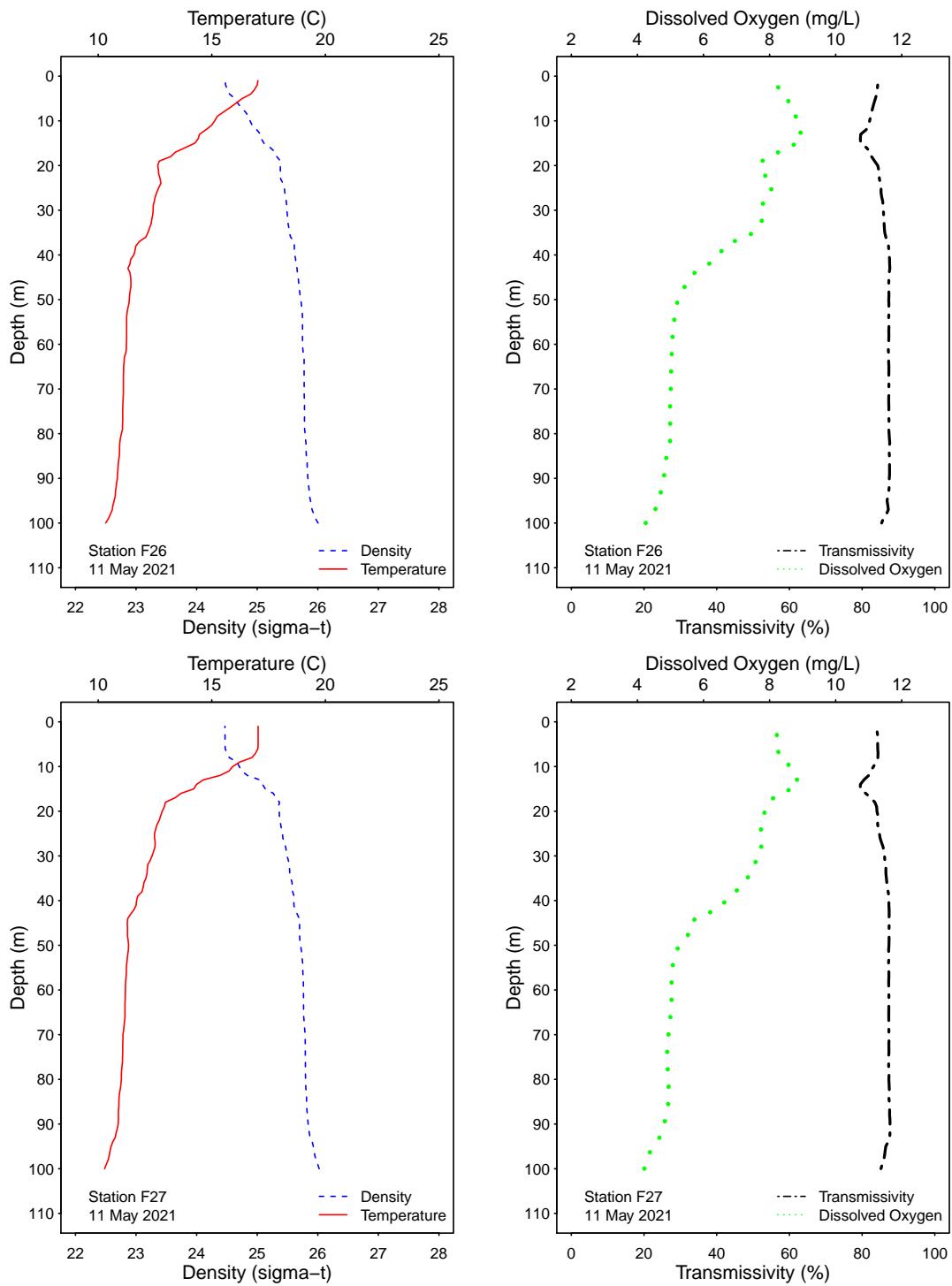


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

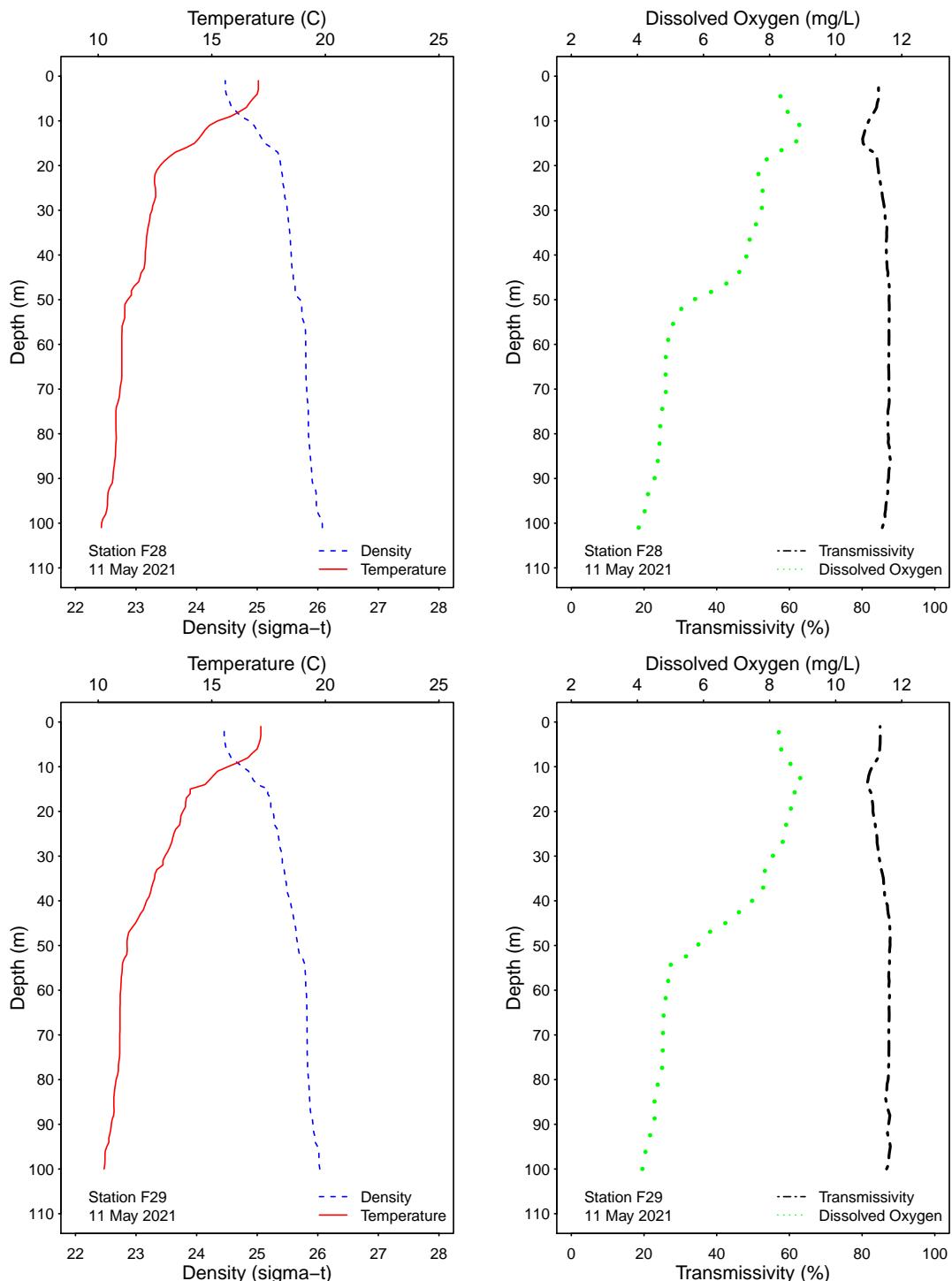


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

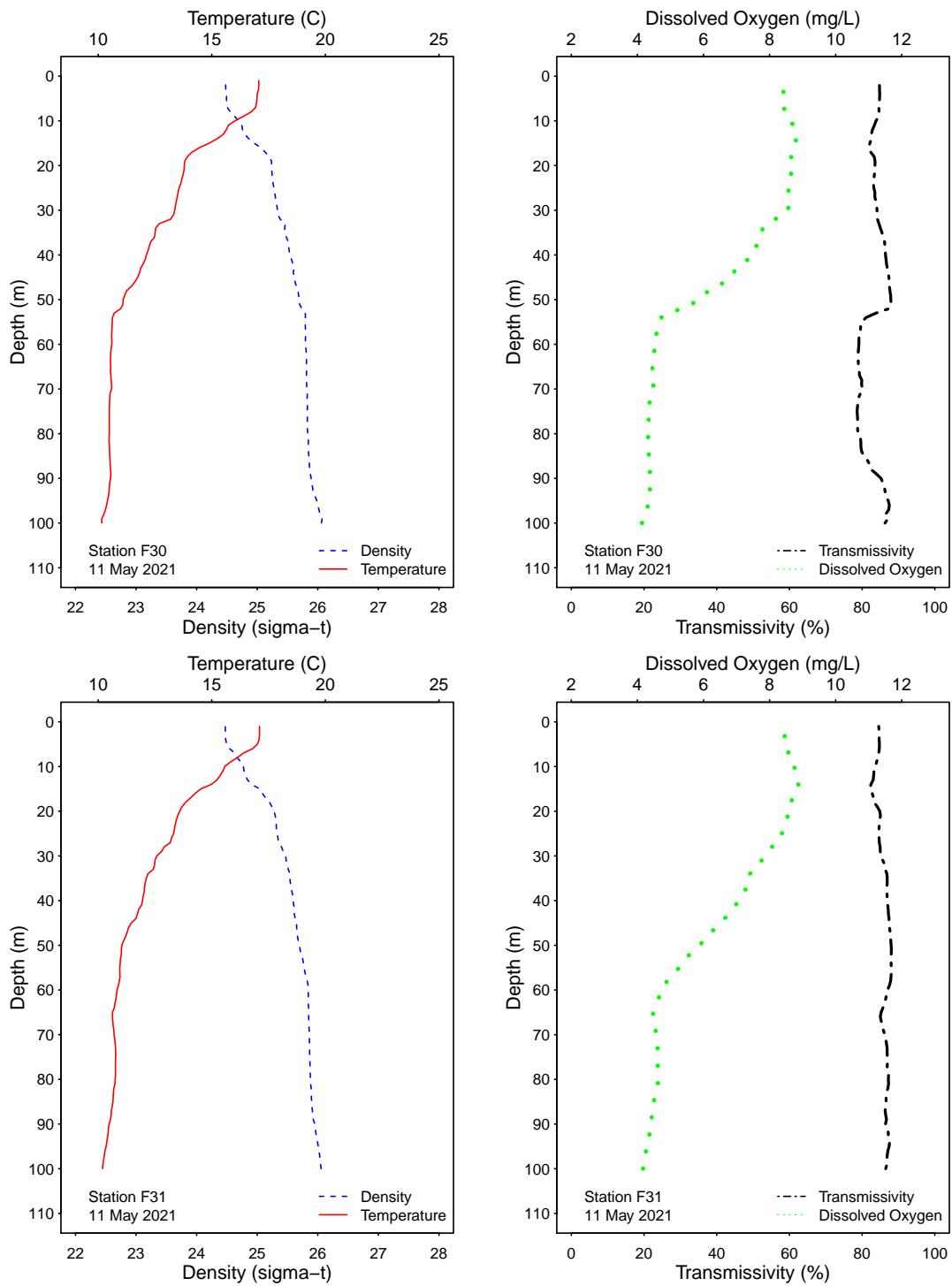


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

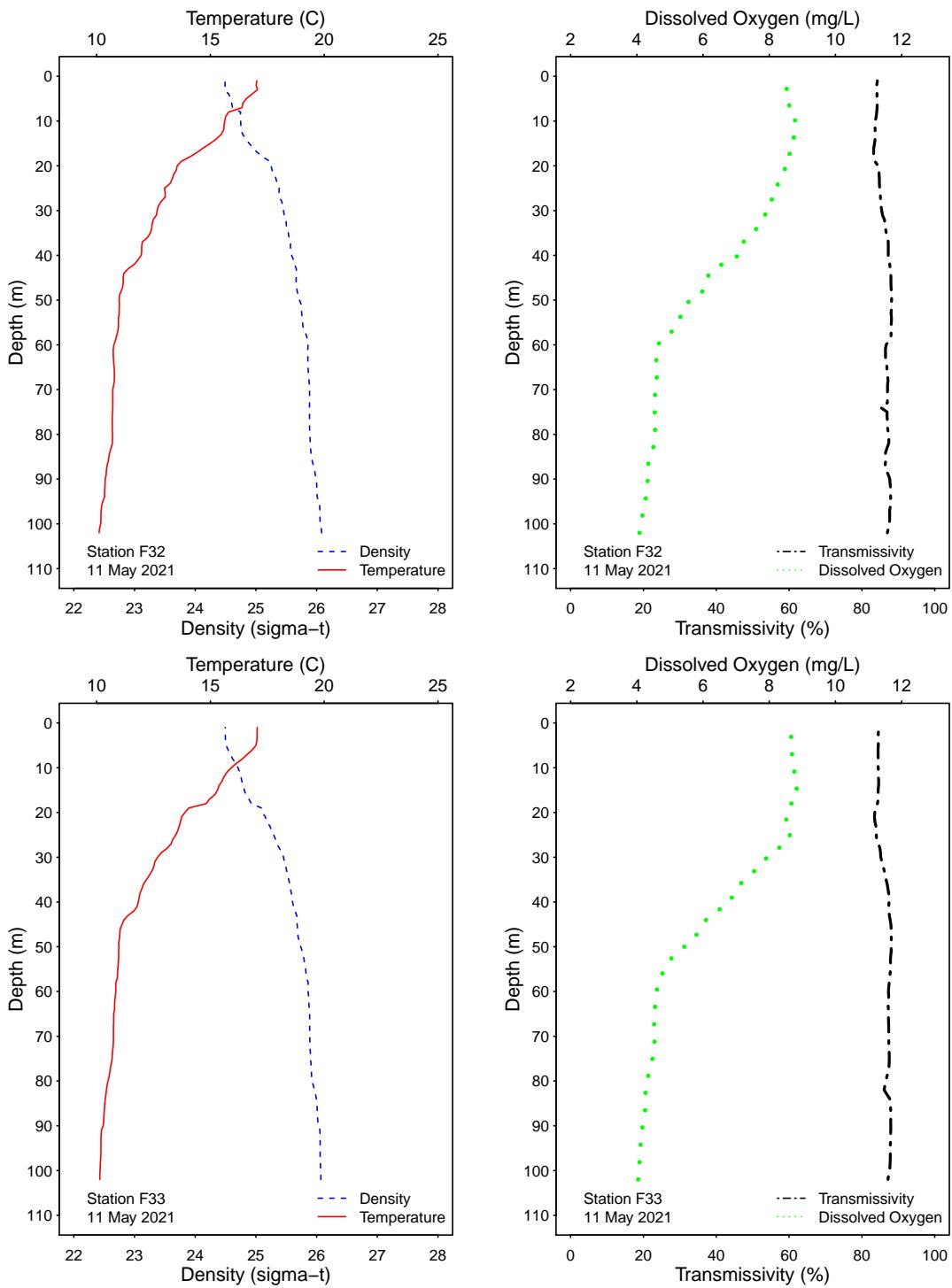


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

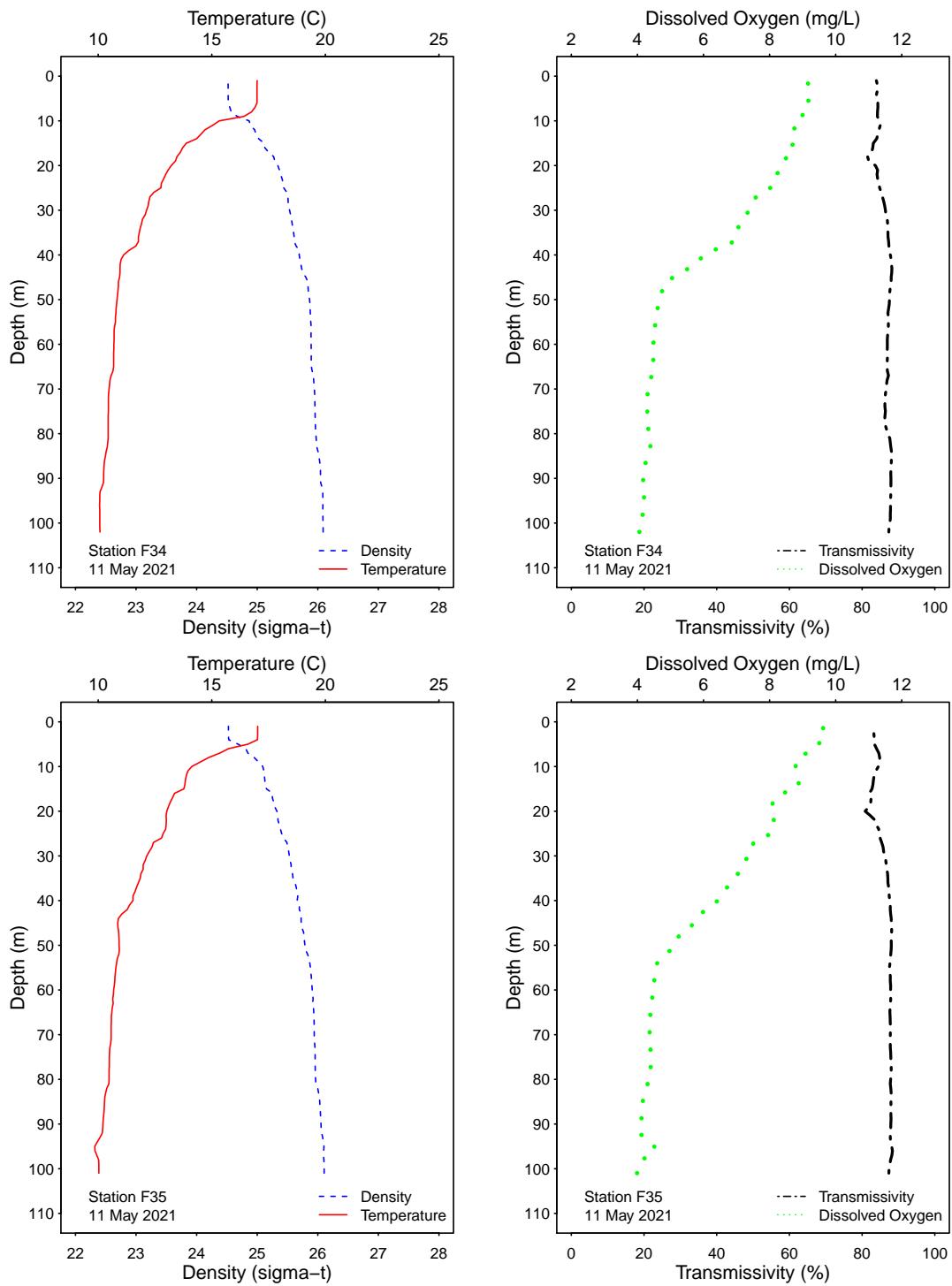


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

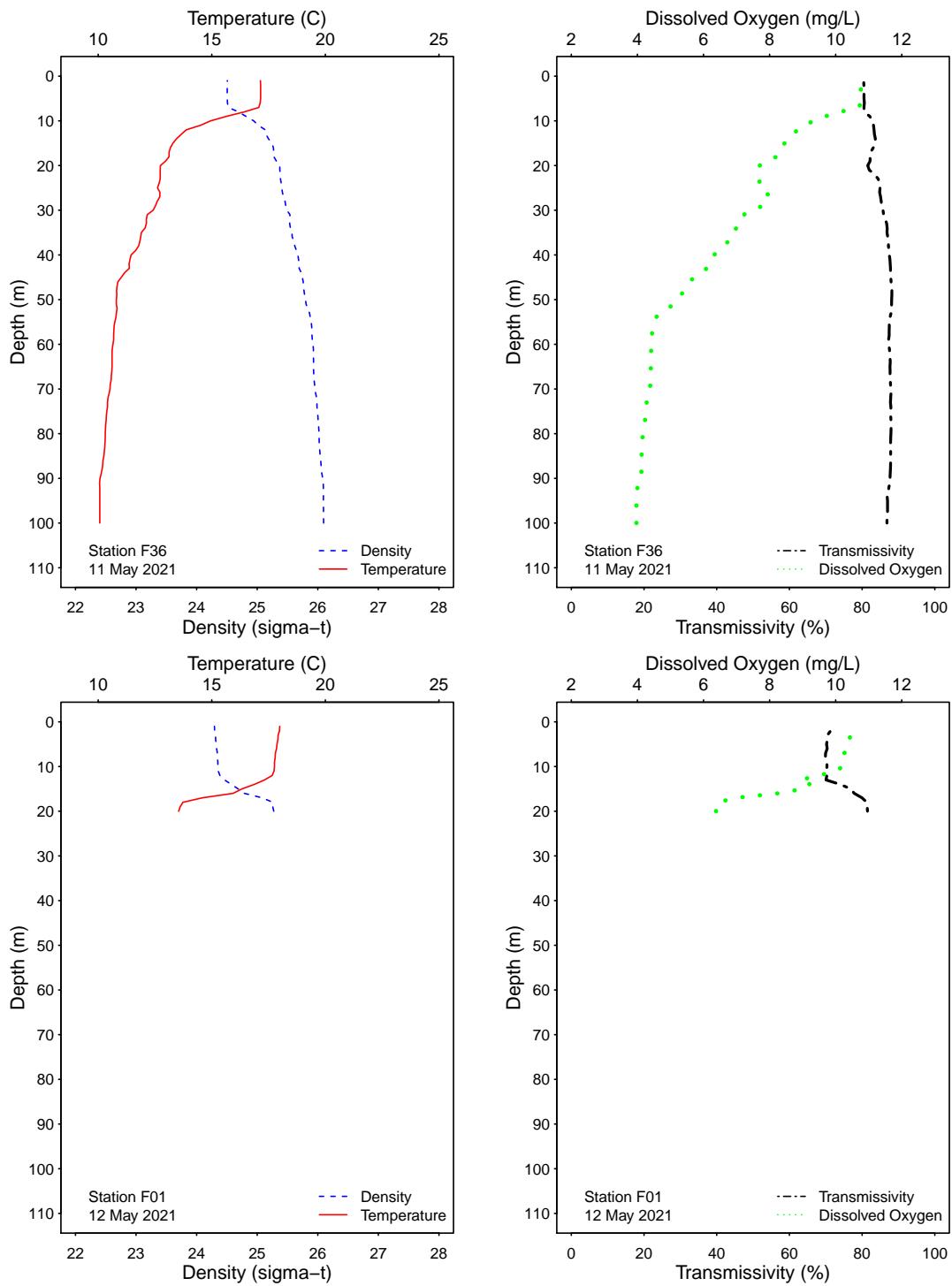


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

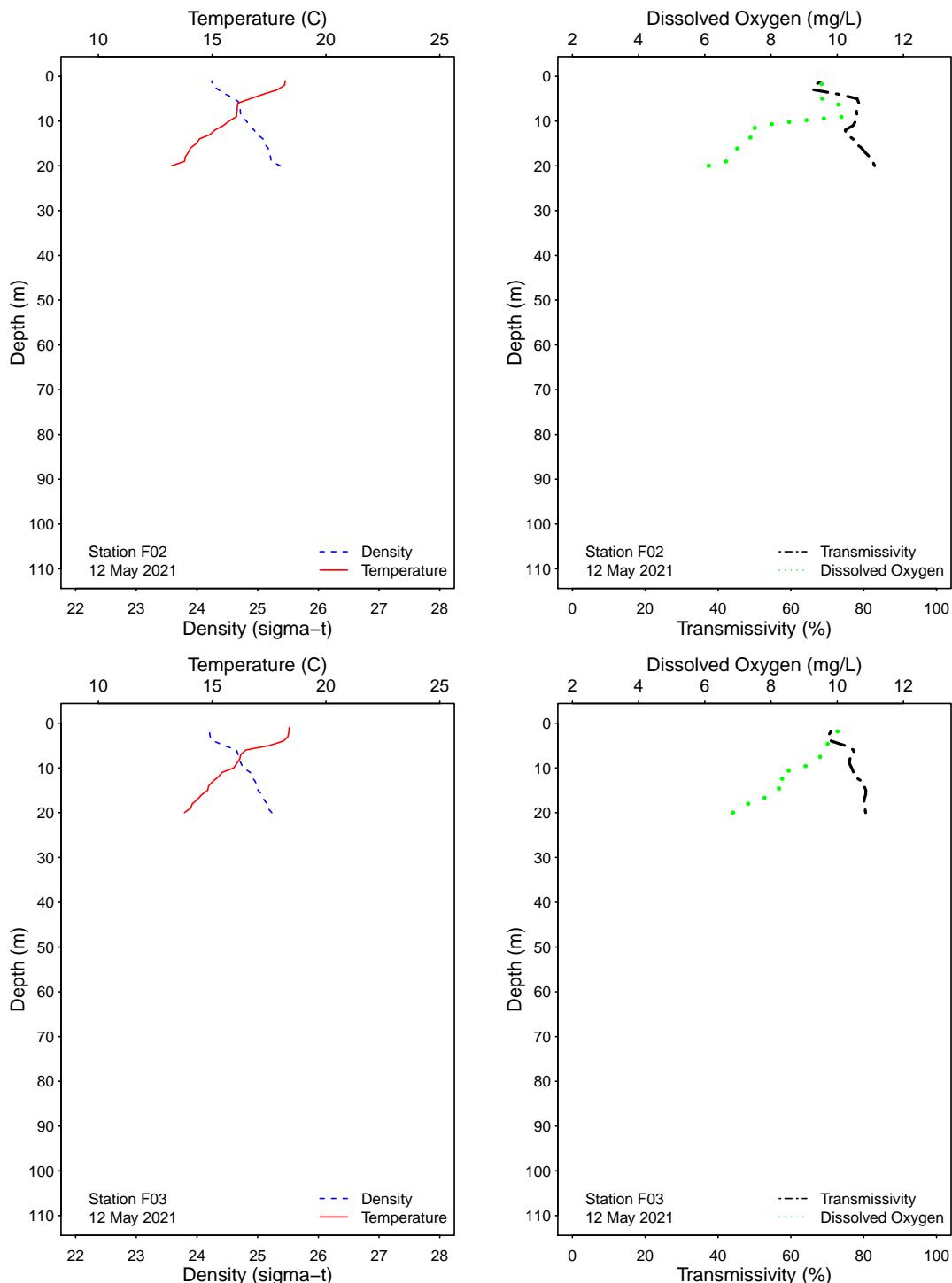


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

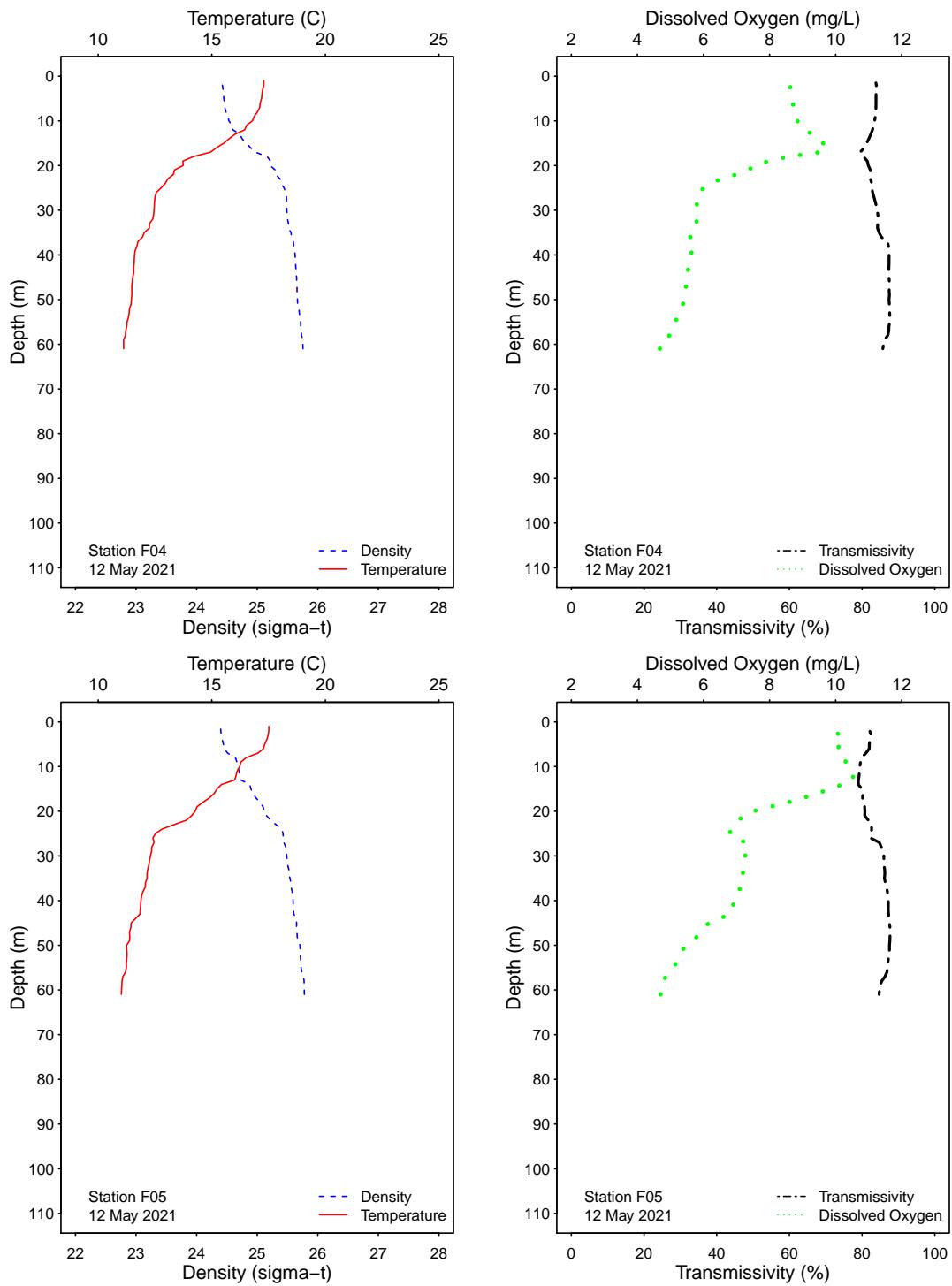


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

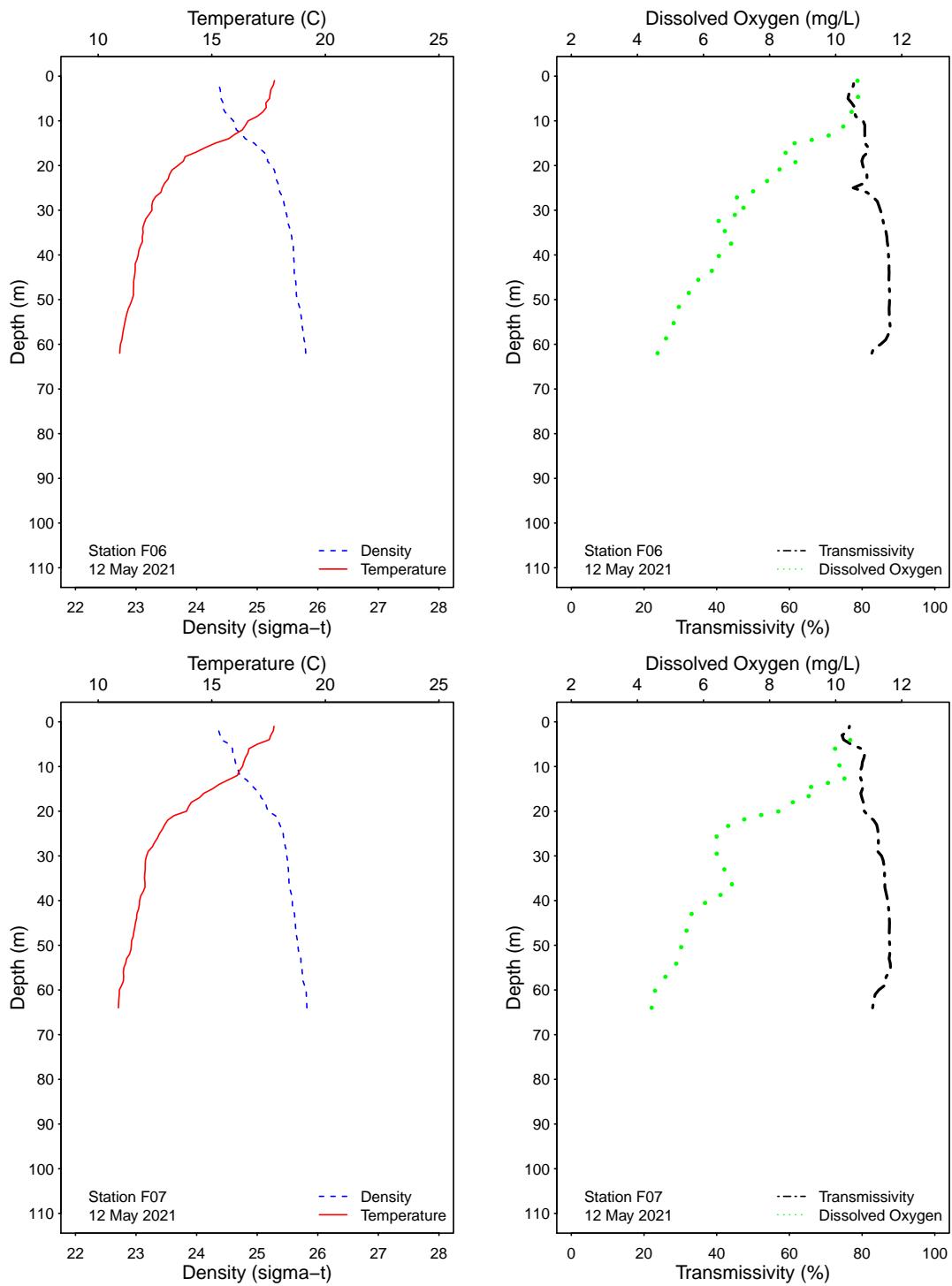


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

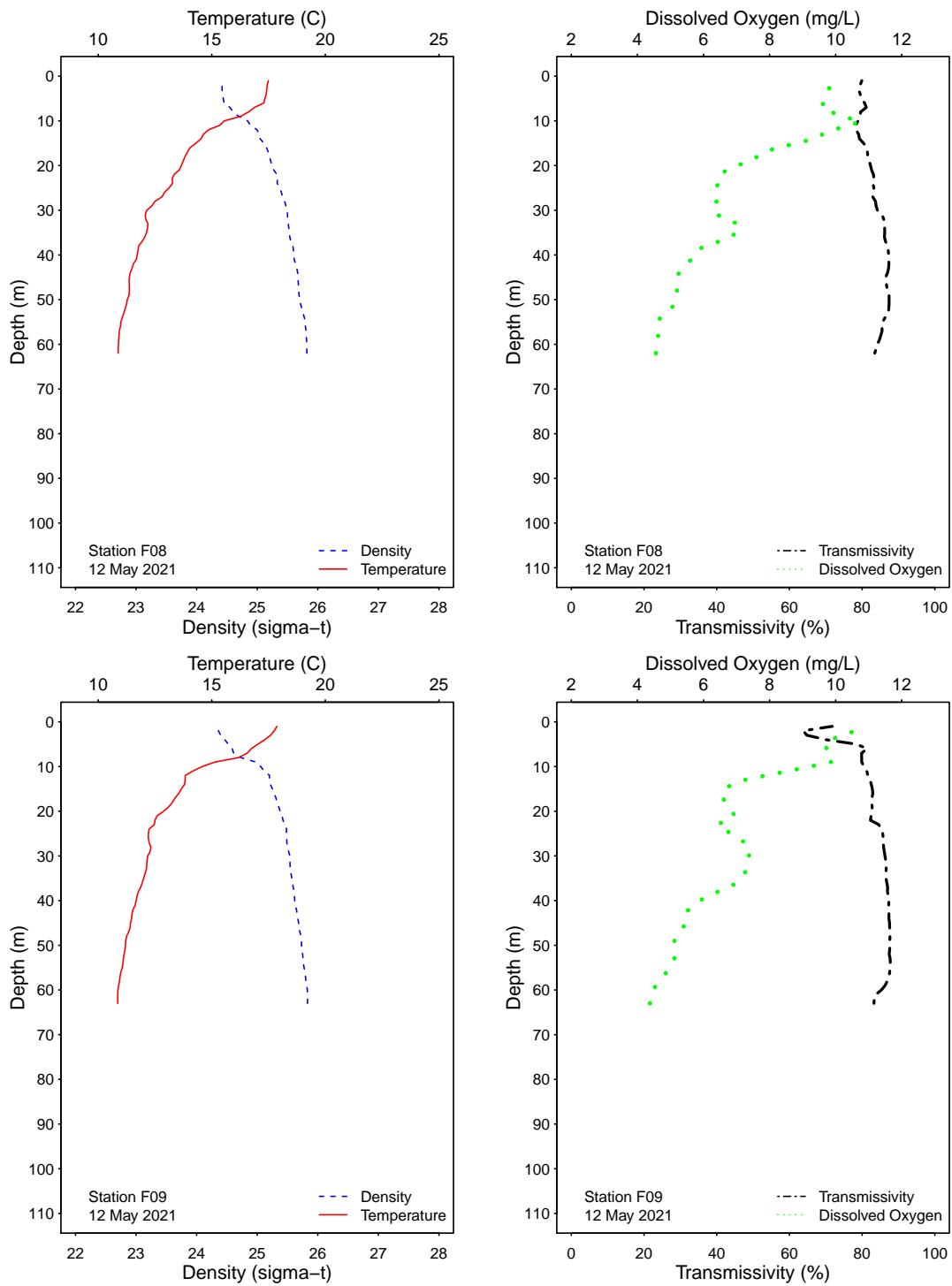


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

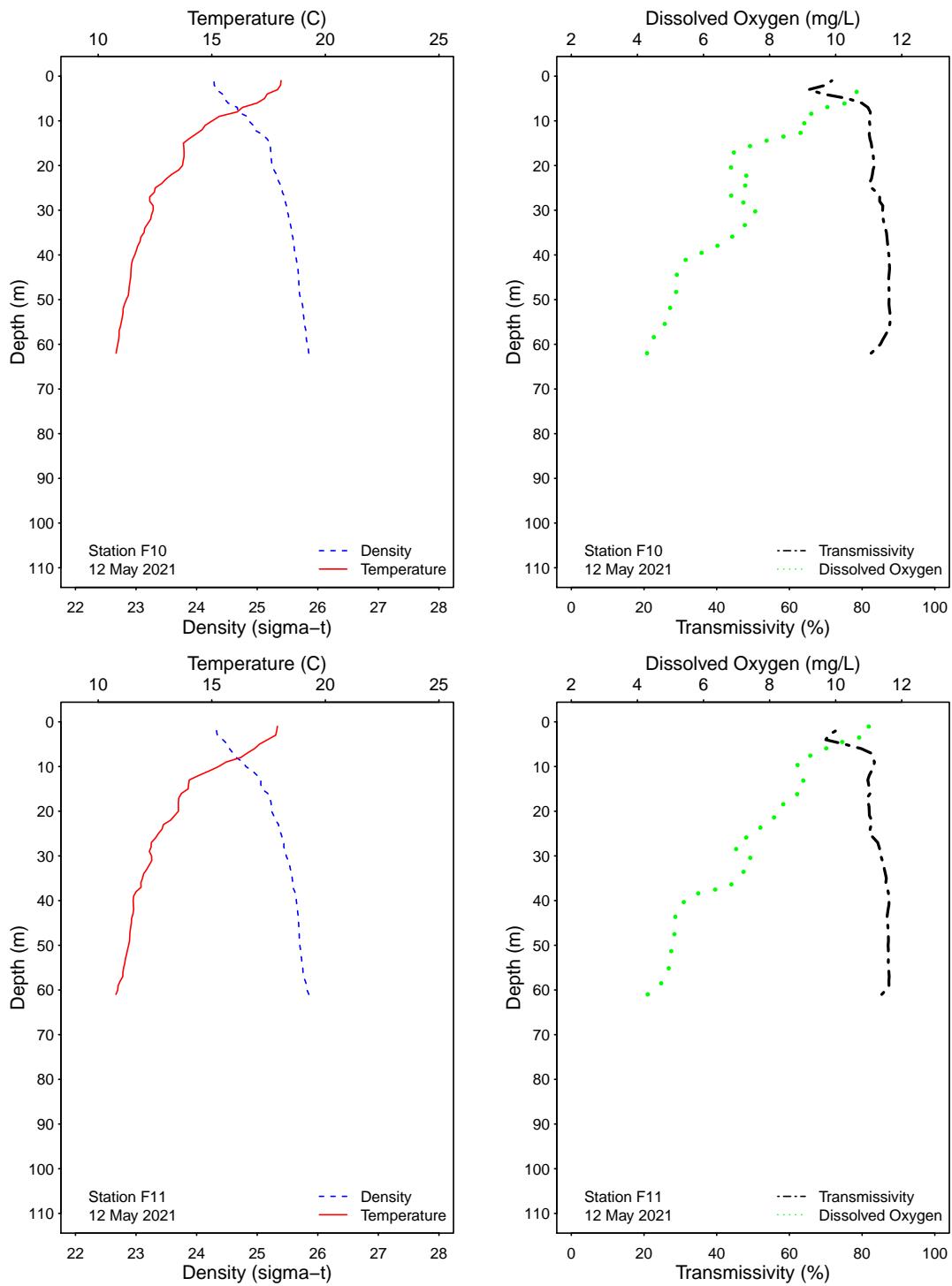


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

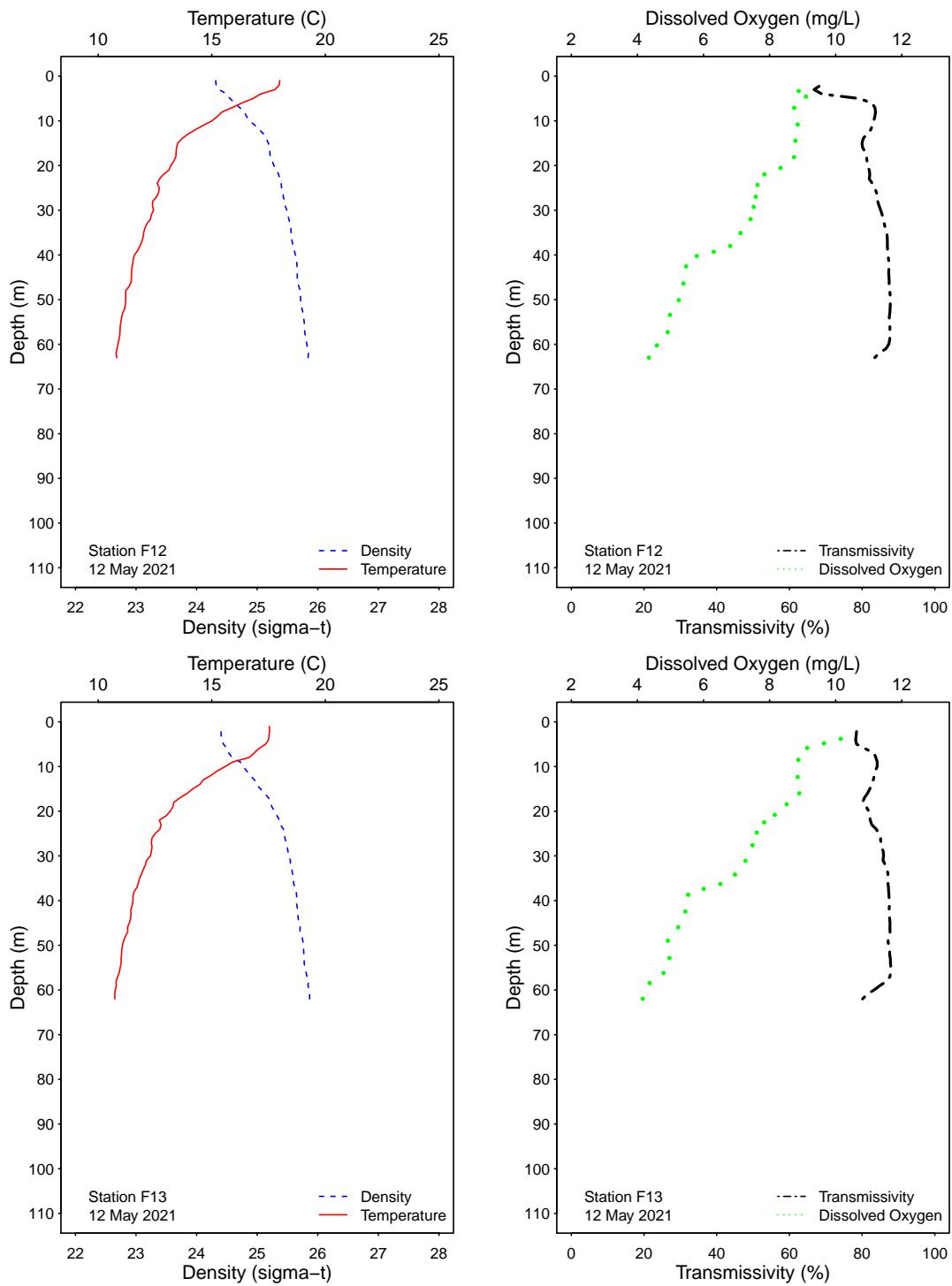


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

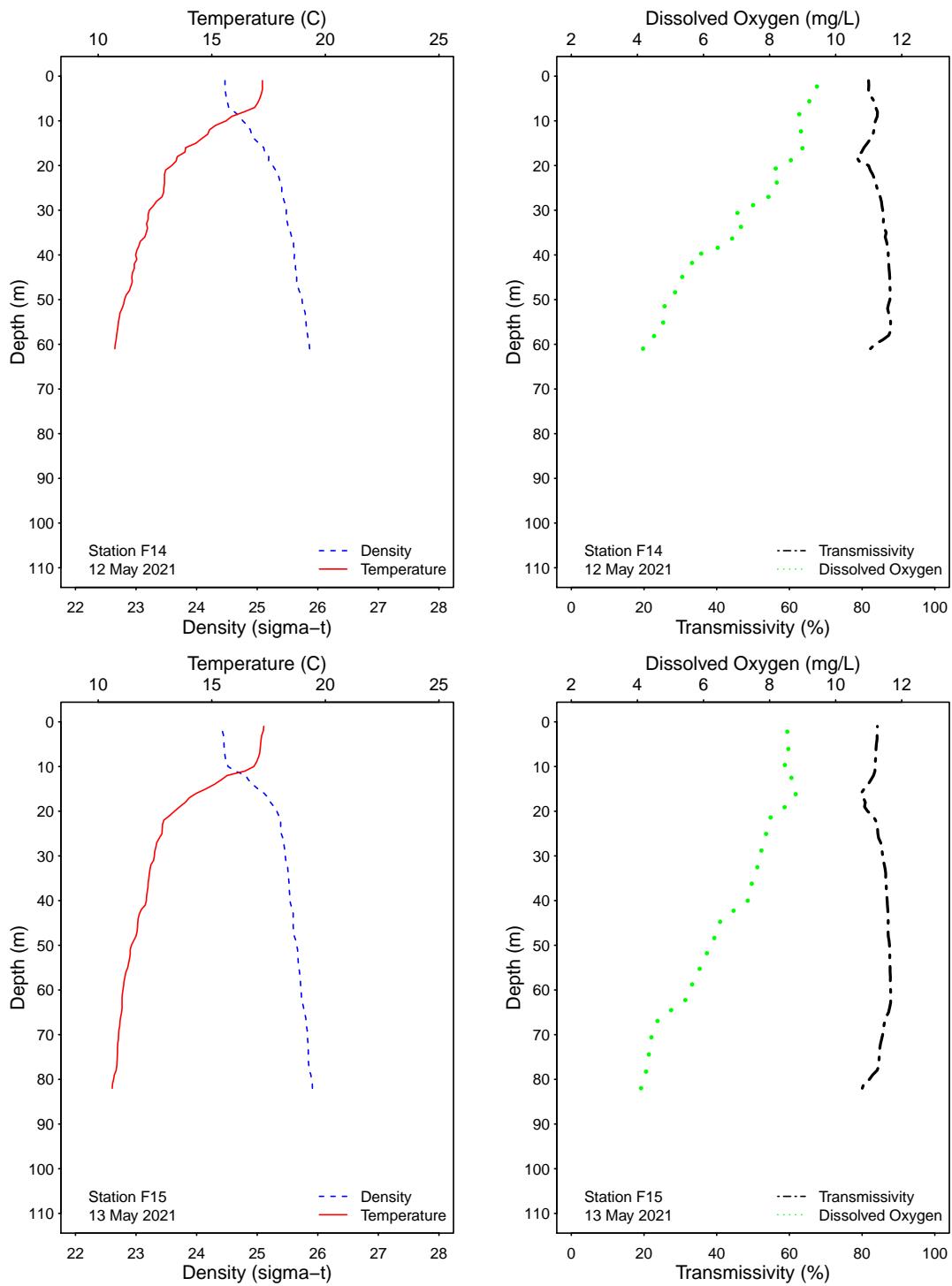


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

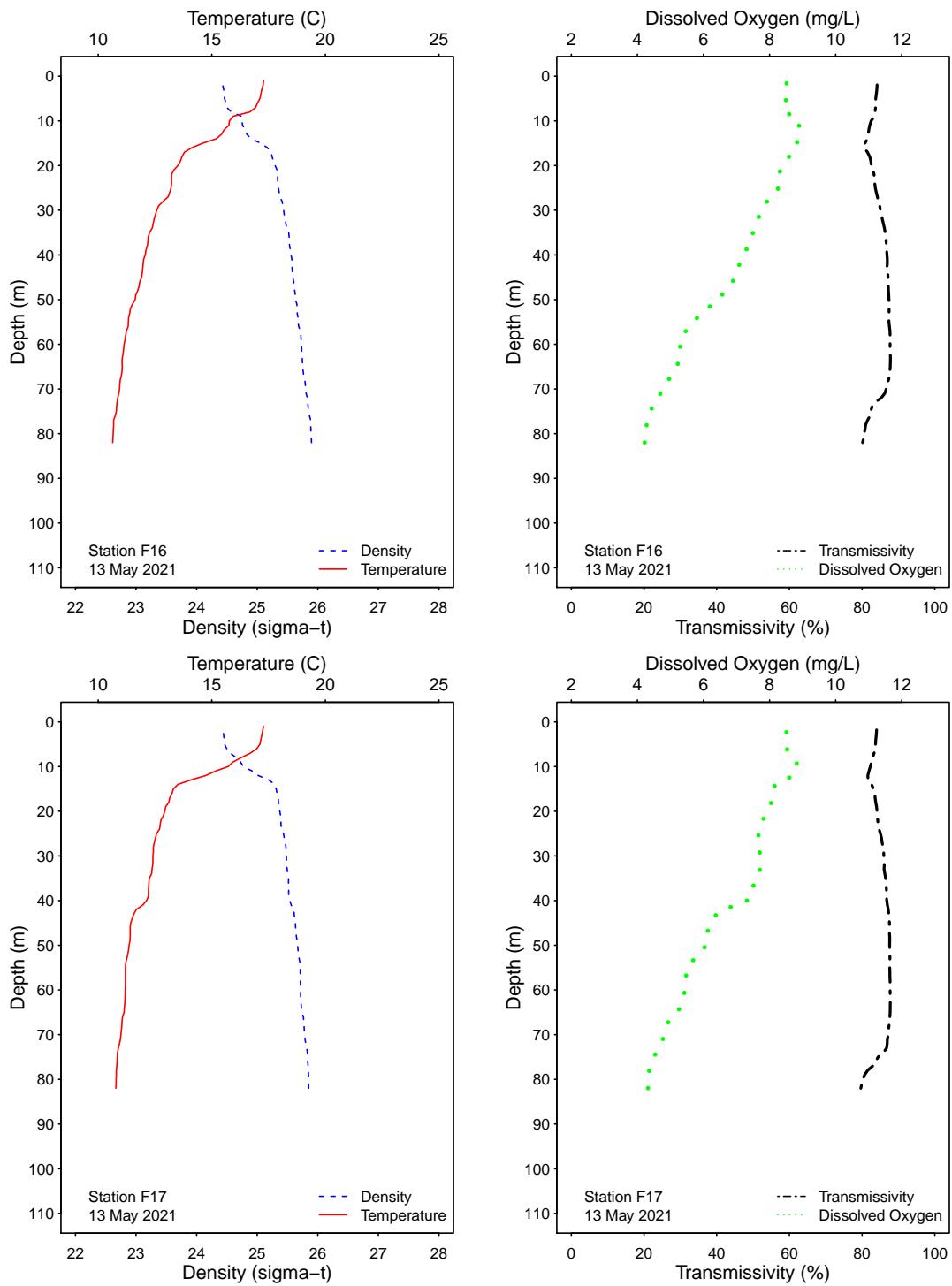


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

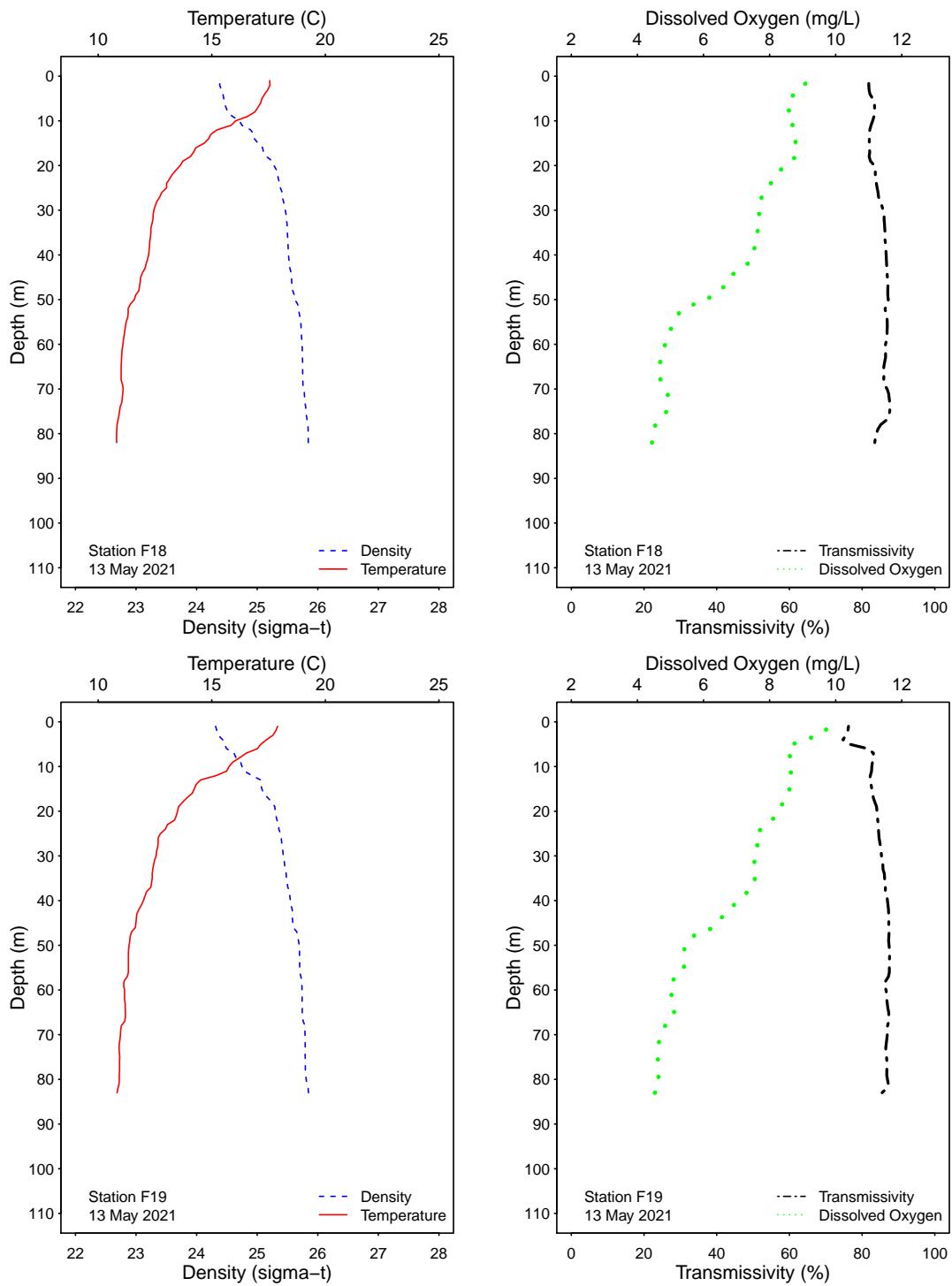


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

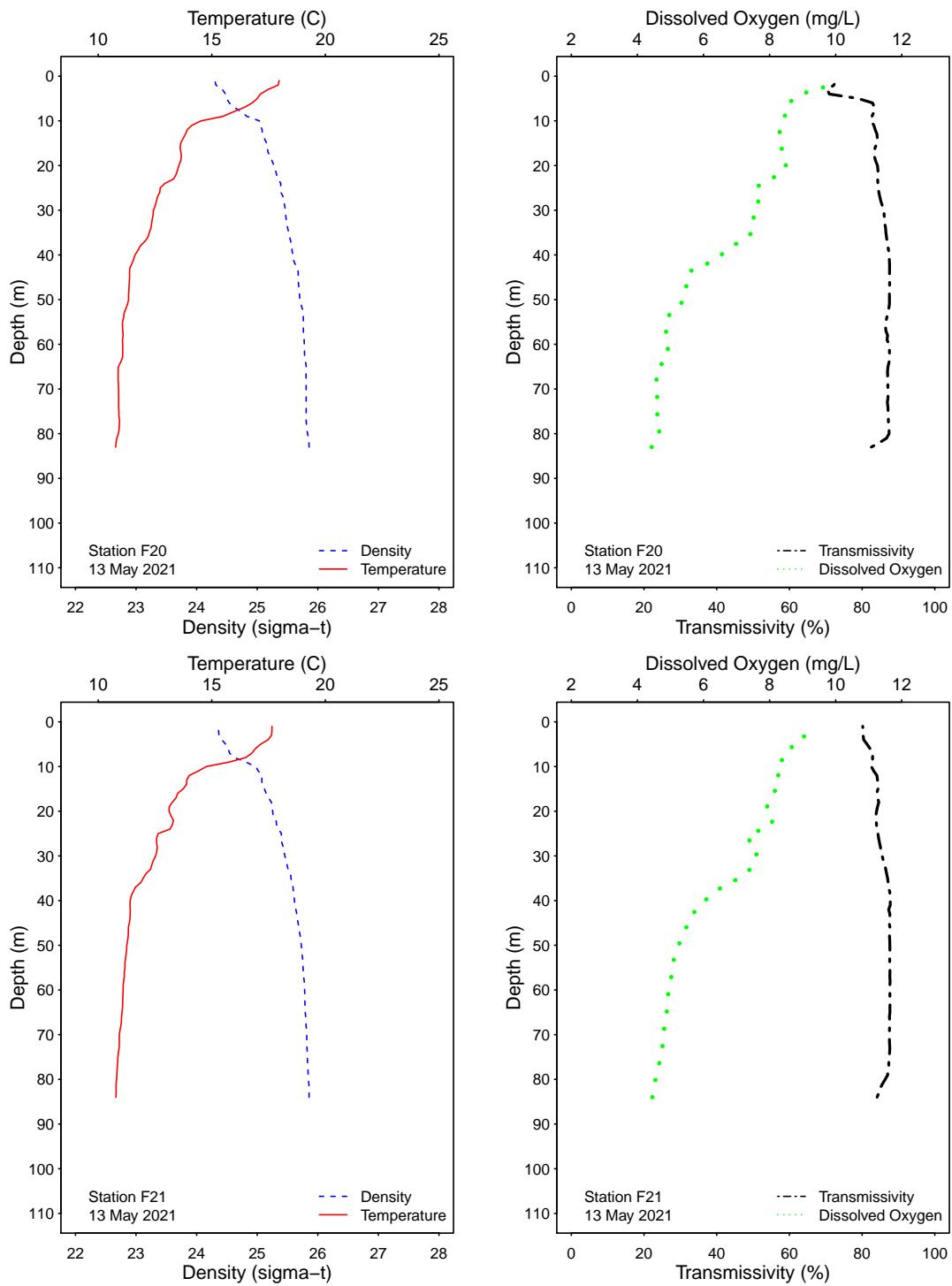


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

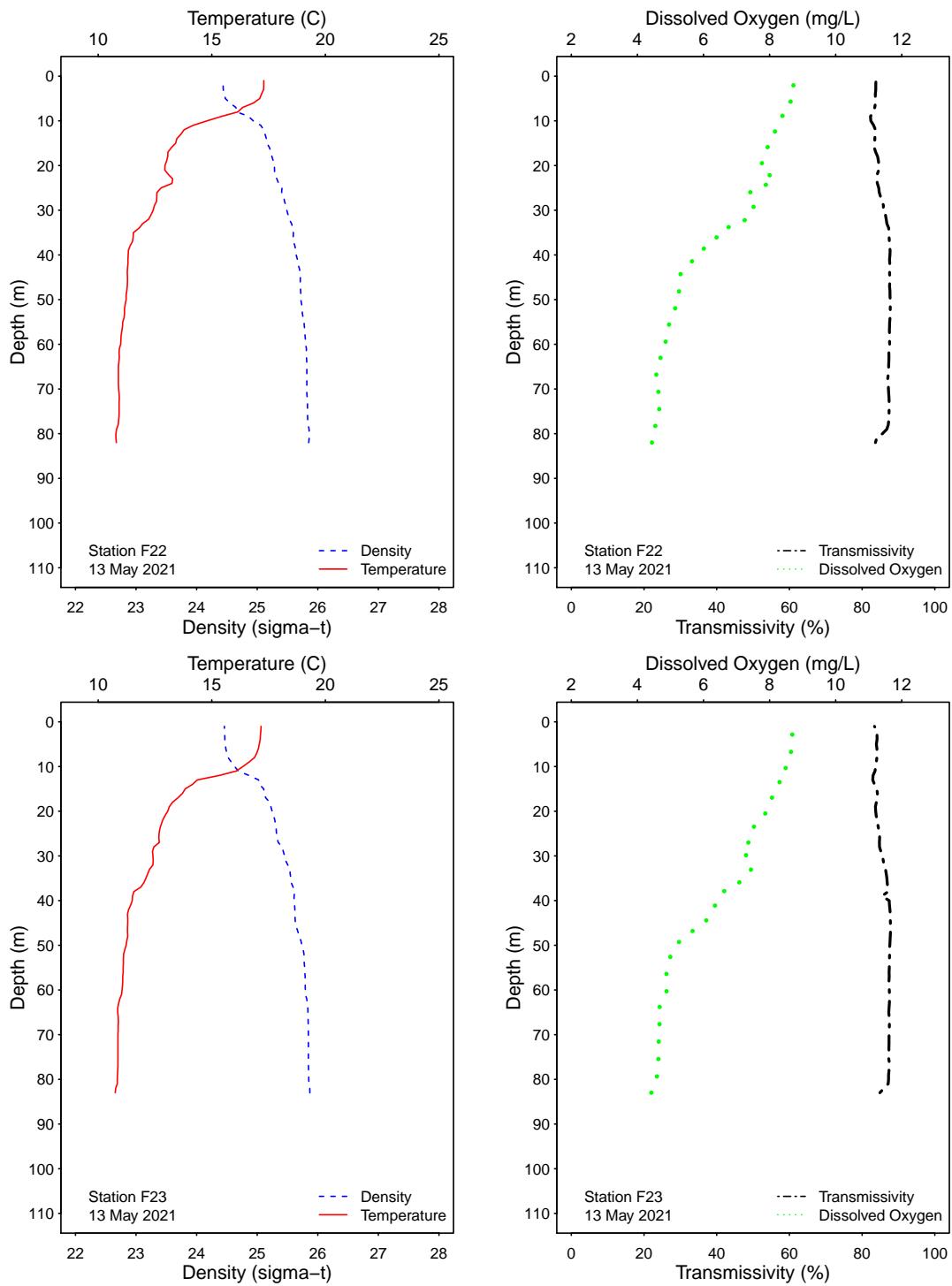


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

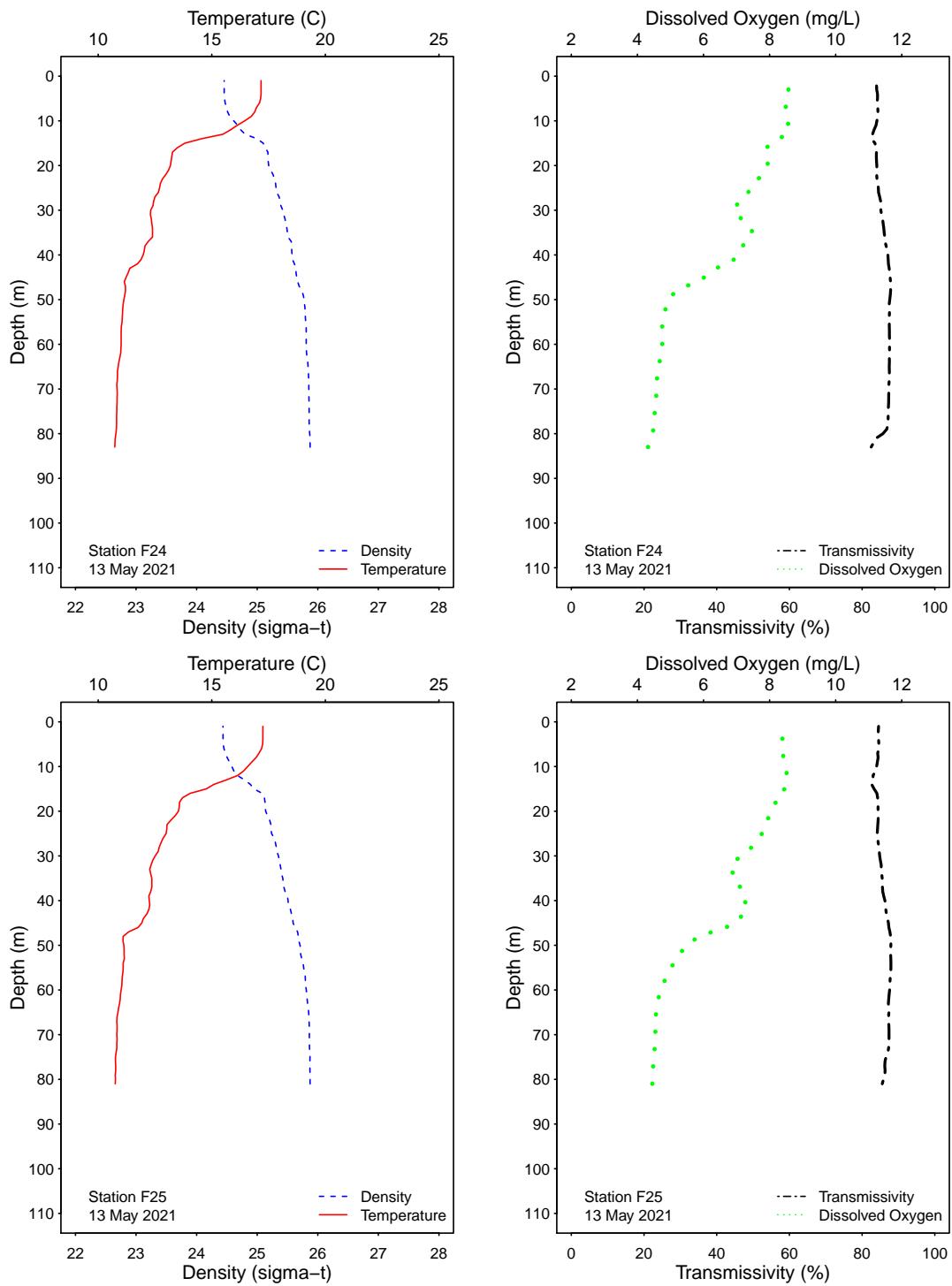


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

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	03 May 2021	18	BS	LAB DUPLICATE	<2	<2	<2
A7	10 May 2021	18	AE	LAB DUPLICATE	<2	<2	<2
A7	18 May 2021	18	AE	LAB DUPLICATE	80e	10e	4e
A7	27 May 2021	18	AR	LAB DUPLICATE	70	8e	4e
C7	03 May 2021	18	BS	LAB DUPLICATE	<2	<2	<2
C7	10 May 2021	18	AE	LAB DUPLICATE	20e	<2	<2
C7	18 May 2021	18	AE	LAB DUPLICATE	<2	2e	<2
C7	27 May 2021	18	JF	LAB DUPLICATE	140	12e	10e
C8	03 May 2021	12	BS	LAB DUPLICATE	<2	<2	<2
C8	10 May 2021	12	AE	LAB DUPLICATE	<2	<2	<2
C8	18 May 2021	12	AE	LAB DUPLICATE	<2	<2	<2
C8	27 May 2021	12	JF	LAB DUPLICATE	40	<2	<2
D12	05 May 2021		AE	FIELD DUPLICATE	2e	<2	<2
D12	05 May 2021		AE	LAB DUPLICATE	<2	<2	<2
D12	12 May 2021		AR	FIELD DUPLICATE	<20	<2	<2
D12	12 May 2021		AR	LAB DUPLICATE	<20	<2	<2
D12	19 May 2021		JF	FIELD DUPLICATE	<2	2e	<2
D12	19 May 2021		JF	LAB DUPLICATE	<2	<2	2e
D12	26 May 2021		AR	FIELD DUPLICATE	<20	<2	2e
D12	26 May 2021		AR	LAB DUPLICATE	20e	<2	<2
F01	12 May 2021	12	JF	LAB DUPLICATE	ns	ns	<2
F02	12 May 2021	12	JF	LAB DUPLICATE	ns	ns	<2
F07	12 May 2021	60	KA	LAB DUPLICATE	ns	ns	8e
F08	12 May 2021	60	BS	LAB DUPLICATE	ns	ns	22e
F11	12 May 2021	60	JF	LAB DUPLICATE	ns	ns	<2
F17	13 May 2021	80	JF	LAB DUPLICATE	ns	ns	4e
F18	13 May 2021	60	JF	LAB DUPLICATE	ns	ns	28e
F19	13 May 2021	60	AR	LAB DUPLICATE	ns	ns	260e
F20	13 May 2021	60	AR	LAB DUPLICATE	ns	ns	460
F21	13 May 2021	80	KA	LAB DUPLICATE	ns	ns	120e
F28	11 May 2021	60	JF	LAB DUPLICATE	ns	ns	2e
F29	11 May 2021	60	JF	LAB DUPLICATE	ns	ns	<2
F30	11 May 2021	60	JF	LAB DUPLICATE	ns	ns	82
F31	11 May 2021	80	JF	LAB DUPLICATE	ns	ns	68
F32	11 May 2021	80	JF	LAB DUPLICATE	ns	ns	260e
F34	11 May 2021	60	JF	LAB DUPLICATE	ns	ns	100

ns = not sampled

ND = no data

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APPENDIX B

New 2019 Ocean Plan Water Quality Objectives

Shore Stations

Table B.1

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

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 May 2021	2	2	4	2	3	3	3	2
02 May 2021	2	2	4	2	3	3	3	2
03 May 2021	2	2	4	2	3	3	3	2
04 May 2021	2	2	4	2	3	3	3	2
05 May 2021	2	2	3	2	3	3	3	2
06 May 2021	2	2	3	2	3	3	3	2
07 May 2021	2	2	3	2	3	3	3	2
08 May 2021	2	2	3	2	3	3	3	2
09 May 2021	2	2	3	2	3	3	3	2
10 May 2021	2	2	3	2	3	3	3	2
11 May 2021	2	2	3	2	3	3	3	2
12 May 2021	2	2	3	2	3	3	3	2
13 May 2021	2	2	3	2	3	3	3	2
14 May 2021	2	2	3	2	3	3	3	2
15 May 2021	2	2	3	2	3	3	3	2
16 May 2021	2	2	3	2	3	3	3	2
17 May 2021	2	2	3	2	3	3	3	2
18 May 2021	2	2	3	2	3	3	3	2
19 May 2021	2	2	3	2	3	3	5	2
20 May 2021	2	2	3	2	3	3	5	2
21 May 2021	2	2	3	2	3	3	5	2
22 May 2021	2	2	3	2	3	3	5	2
23 May 2021	2	2	3	2	3	3	5	2
24 May 2021	2	2	3	2	3	3	5	2
25 May 2021	2	2	3	2	3	3	5	2
26 May 2021	3	2	3	2	4	3	6	2
27 May 2021	3	2	3	2	4	3	6	2
28 May 2021	3	2	3	2	4	3	6	2
29 May 2021	3	2	3	2	4	3	6	2
30 May 2021	3	2	3	2	4	3	6	2
31 May 2021	3	2	3	2	4	3	6	2

* 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
May	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Kelp Stations

Table B.3

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 May 2021	3	2	3	2	2	2	2	2
02 May 2021	3	2	3	2	2	2	2	2
03 May 2021	3	2	3	2	2	2	2	2
04 May 2021	3	2	3	2	2	2	2	2
05 May 2021	3	2	3	2	2	2	2	2
06 May 2021	3	2	3	2	2	2	2	2
07 May 2021	3	2	3	2	2	2	2	2
08 May 2021	3	2	3	2	2	2	2	2
09 May 2021	3	2	3	2	2	2	2	2
10 May 2021	3	2	3	2	2	2	2	2
11 May 2021	3	2	3	2	2	2	2	2
12 May 2021	3	2	3	2	2	2	2	2
13 May 2021	3	2	3	2	2	2	2	2
14 May 2021	3	2	3	2	2	2	2	2
15 May 2021	3	2	3	2	2	2	2	2
16 May 2021	3	2	3	2	2	2	2	2
17 May 2021	3	2	3	2	2	2	2	2
18 May 2021	2	2	2	2	2	2	2	2
19 May 2021	2	2	2	2	2	2	2	2
20 May 2021	2	2	2	2	2	2	2	2
21 May 2021	2	2	2	2	2	2	2	2
22 May 2021	2	2	2	2	2	2	2	2
23 May 2021	2	2	2	2	2	2	2	2
24 May 2021	2	2	2	2	2	2	2	2
25 May 2021	2	2	2	2	2	2	2	2
26 May 2021	2	2	2	2	2	2	2	2
27 May 2021	2	3	2	2	2	2	2	2
28 May 2021	2	3	2	2	2	2	2	2
29 May 2021	2	3	2	2	2	2	2	2
30 May 2021	2	3	2	2	2	2	2	2
31 May 2021	2	3	2	2	2	2	2	2

* Geometric mean calculated using n<5

Table B.4

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
May	IC							

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Offshore Stations

Table B.5

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
May	IC	E	E												

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

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