

POINT LOMA OCEAN OUTFALL MONTHLY RECEIVING WATERS MONITORING REPORT

POINT LOMA WASTEWATER TREATMENT PLANT

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

AUGUST 2020

Environmental Monitoring and Technical Services
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September 30, 2020

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

Attention: POTW Compliance Unit

Dear Mr. Gibson:

Enclosed is the August 2020 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

RK/rg

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

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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. However, due to increasing instability, City staff have been unable to safely access and sample station D8-A since February 7, 2018. During March 2018, the City identified an alternate location for stations D8/D8-A. This new station, designated D8-B, is located about 150 feet north of D8-A.

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

Kelp Bed Stations

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

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

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

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

Offshore Stations

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

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

Bacteriological Reporting and Quality Assurance

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

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

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

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

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

Single Sample Maximums:

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

Quality controls of bacteriological data include laboratory and field duplicate analyses. Laboratory duplicates are performed on approximately 10% of the water quality samples, while field duplicates are performed six times a month (see Appendix A). Laboratory duplicates represent two aliquots of the original sample that are split in the laboratory and analyzed by the same analyst using identical procedures within the same analytical run. The results of these analyses provide a measure of intra-analyst precision. In contrast, field duplicates represent two separate samples collected at the same time from the same site, which are handled under identical circumstances and treated the same throughout field and lab procedures. The results of these analyses provide a measure of precision associated with sample collection, preservation, storage, and lab procedures. The sign test (see Gilbert, 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 2020 Quality Assurance Report, which will be completed in March 2021.

SUMMARY OF RESULTS

Shore Stations

- During August, each of the eight shore stations was in compliance with California Ocean Plan (Ocean Plan) water contact standards.
- Nothing of sewage origin was observed at any of the shore stations.
- Over the years, elevated bacteria levels at shore and kelp bed stations have tended to be associated with rainfall events, heavy recreational use, or the presence of seabirds or decaying kelp and surf grass. See the City of San Diego's most recent *Biennial Receiving Waters Monitoring and Assessment Report for the Point Loma and South Bay Ocean Outfalls* for details (<https://www.sandiego.gov/public-utilities/sustainability/ocean-monitoring/reports>).

Kelp Bed Stations

- The eight kelp bed water quality stations (A1, A6, A7, C4, C5, C6, C7, C8) were sampled on August 4, 11, 17, 27, and 31.
- During August, each of the eight kelp bed stations was in compliance with the various Ocean Plan water contact standards.
- Water column temperatures ranged from 11.85 to 22.18°C. The difference between surface and bottom waters ranged from 1.08 to 8.64°C.
- Chlorophyll *a* concentrations ranged from 0.59 to 8.91 µg/L.
- Nothing of sewage origin was observed at any of the kelp stations.

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

Offshore Stations

- Quarterly offshore water quality sampling was conducted on August 18, 19, and 20.
- During August, one of the 15 offshore stations located within State jurisdictional waters (i.e., F01–F03, F06–F14, F18–F20) was out of compliance with the relevant Ocean Plan single sample maximum (SSM) standard for *Enterococcus*; this standard was exceeded in the sample collected from 80 m at station F19 on August 20.
- Of the remaining 21 offshore stations, four had elevated densities of *Enterococcus* bacteria (i.e., <104 CFU/100 mL), as follows:
 - o the SSM for *Enterococcus* was exceeded at station F17 on August 20, and stations F29, F30, and F31 on August 18, at depths ≥ 80 meters.
- During August, water column temperatures ranged from 10.47 to 23.93°C. The difference between surface and bottom waters ranged from 7.65 to 13.16°C.
- Chlorophyll *a* concentrations ranged from 0.19 to 5.08 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.

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TABLES AND FIGURES

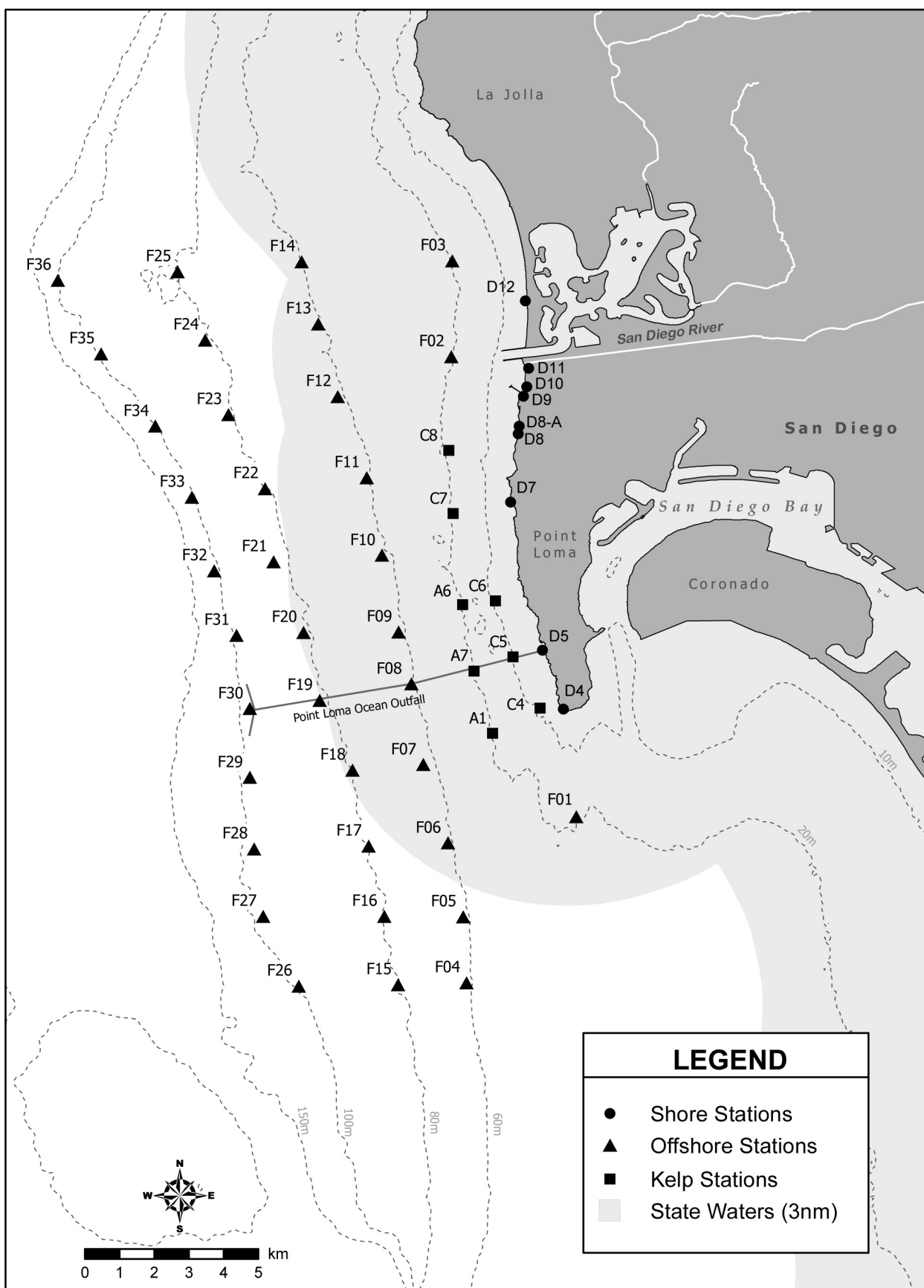


Figure 1.1 Station Map

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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 Aug 2020	4*	6*	18*	25*	13*	20*	21*	6*
02 Aug 2020	4*	6*	18*	25*	13*	20*	21*	6*
03 Aug 2020	4*	6*	18*	25*	13*	20*	21*	6*
04 Aug 2020	4*	6*	18*	25*	13*	20*	21*	6*
05 Aug 2020	6	5	19	24	14	20	24	6
06 Aug 2020	6	5	19	24	14	20	24	6
07 Aug 2020	4*	6*	11*	25*	14*	20*	25*	5*
08 Aug 2020	4*	6*	11*	25*	14*	20*	25*	5*
09 Aug 2020	4*	6*	11*	25*	14*	20*	25*	5*
10 Aug 2020	4*	6*	11*	25*	14*	20*	25*	5*
11 Aug 2020	4*	6*	11*	25*	14*	20*	25*	5*
12 Aug 2020	3	5	13	24	14	17	24	6
13 Aug 2020	3	5	13	24	14	17	24	6
14 Aug 2020	4*	6*	11*	34*	17*	16*	25*	8*
15 Aug 2020	4*	6*	11*	34*	17*	16*	25*	8*
16 Aug 2020	4*	6*	11*	34*	17*	16*	25*	8*
17 Aug 2020	4*	6*	11*	34*	17*	16*	25*	8*
18 Aug 2020	4*	6*	11*	34*	17*	16*	25*	8*
19 Aug 2020	5	8	20	30	27	30	27	10
20 Aug 2020	5	8	20	30	27	30	27	10
21 Aug 2020	6*	6*	20*	20*	30*	34*	25*	8*
22 Aug 2020	6*	6*	20*	20*	30*	34*	25*	8*
23 Aug 2020	6*	6*	20*	20*	30*	34*	25*	8*
24 Aug 2020	6*	6*	20*	20*	30*	34*	25*	8*
25 Aug 2020	6*	6*	20*	20*	30*	34*	25*	8*
26 Aug 2020	8	8	20	25	29	30	22	10
27 Aug 2020	8	8	20	25	29	30	22	10
28 Aug 2020	11*	6*	36*	26*	33*	34*	26*	15*
29 Aug 2020	11*	6*	36*	26*	33*	34*	26*	15*
30 Aug 2020	11*	6*	36*	26*	33*	34*	26*	15*
31 Aug 2020	11*	6*	36*	26*	33*	34*	26*	15*

* Geometric mean calculated using n<5

Table 2.2

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

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Aug 2020	3*	3*	5*	6*	2*	5*	4*	2*
02 Aug 2020	3*	3*	5*	6*	2*	5*	4*	2*
03 Aug 2020	3*	3*	5*	6*	2*	5*	4*	2*
04 Aug 2020	3*	3*	5*	6*	2*	5*	4*	2*
05 Aug 2020	3	3	4	7	2	6	5	2
06 Aug 2020	3	3	4	7	2	6	5	2
07 Aug 2020	3*	3*	2*	10*	2*	6*	7*	3*
08 Aug 2020	3*	3*	2*	10*	2*	6*	7*	3*
09 Aug 2020	3*	3*	2*	10*	2*	6*	7*	3*
10 Aug 2020	3*	3*	2*	10*	2*	6*	7*	3*
11 Aug 2020	3*	3*	2*	10*	2*	6*	7*	3*
12 Aug 2020	3	3	2	7	2	5	5	2
13 Aug 2020	3	3	2	7	2	5	5	2
14 Aug 2020	3*	3*	2*	10*	2*	6*	6*	3*
15 Aug 2020	3*	3*	2*	10*	2*	6*	6*	3*
16 Aug 2020	3*	3*	2*	10*	2*	6*	6*	3*
17 Aug 2020	3*	3*	2*	10*	2*	6*	6*	3*
18 Aug 2020	3*	3*	2*	10*	2*	6*	6*	3*
19 Aug 2020	4	3	3	9	4	10	8	3
20 Aug 2020	4	3	3	9	4	10	8	3
21 Aug 2020	3*	4*	3*	5*	4*	9*	7*	3*
22 Aug 2020	3*	4*	3*	5*	4*	9*	7*	3*
23 Aug 2020	3*	4*	3*	5*	4*	9*	7*	3*
24 Aug 2020	3*	4*	3*	5*	4*	9*	7*	3*
25 Aug 2020	3*	4*	3*	5*	4*	9*	7*	3*
26 Aug 2020	3	3	3	4	4	11	6	3
27 Aug 2020	3	3	3	4	4	11	6	3
28 Aug 2020	3*	3*	3*	5*	4*	16*	7*	3*
29 Aug 2020	3*	3*	3*	5*	4*	16*	7*	3*
30 Aug 2020	3*	3*	3*	5*	4*	16*	7*	3*
31 Aug 2020	3*	3*	3*	5*	4*	16*	7*	3*

* Geometric mean calculated using n<5

Table 2.3

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

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Aug 2020	2*	2*	2*	2*	2*	4*	3*	2*
02 Aug 2020	2*	2*	2*	2*	2*	4*	3*	2*
03 Aug 2020	2*	2*	2*	2*	2*	4*	3*	2*
04 Aug 2020	2*	2*	2*	2*	2*	4*	3*	2*
05 Aug 2020	2	2	2	2	2	5	4	2
06 Aug 2020	2	2	2	2	2	5	4	2
07 Aug 2020	2*	2*	2*	2*	2*	5*	5*	2*
08 Aug 2020	2*	2*	2*	2*	2*	5*	5*	2*
09 Aug 2020	2*	2*	2*	2*	2*	5*	5*	2*
10 Aug 2020	2*	2*	2*	2*	2*	5*	5*	2*
11 Aug 2020	2*	2*	2*	2*	2*	5*	5*	2*
12 Aug 2020	2	2	2	2	2	4	4	2
13 Aug 2020	2	2	2	2	2	4	4	2
14 Aug 2020	2*	2*	2*	2*	2*	5*	5*	2*
15 Aug 2020	2*	2*	2*	2*	2*	5*	5*	2*
16 Aug 2020	2*	2*	2*	2*	2*	5*	5*	2*
17 Aug 2020	2*	2*	2*	2*	2*	5*	5*	2*
18 Aug 2020	2*	2*	2*	2*	2*	5*	5*	2*
19 Aug 2020	3	2	3	2	3	7	7	3
20 Aug 2020	3	2	3	2	3	7	7	3
21 Aug 2020	4*	2*	3*	2*	3*	6*	6*	3*
22 Aug 2020	4*	2*	3*	2*	3*	6*	6*	3*
23 Aug 2020	4*	2*	3*	2*	3*	6*	6*	3*
24 Aug 2020	4*	2*	3*	2*	3*	6*	6*	3*
25 Aug 2020	4*	2*	3*	2*	3*	6*	6*	3*
26 Aug 2020	3	2	3	2	3	5	5	3
27 Aug 2020	3	2	3	2	3	5	5	3
28 Aug 2020	4*	2*	2*	2*	3*	6*	6*	3*
29 Aug 2020	4*	2*	2*	2*	3*	6*	6*	3*
30 Aug 2020	4*	2*	2*	2*	3*	6*	6*	3*
31 Aug 2020	4*	2*	2*	2*	3*	6*	6*	3*

* Geometric mean calculated using n<5

Table 2.4

Summary of compliance at the PLOO shore stations with the Ocean Plan's Single Sample Maximum standard for 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 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
12 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
19 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
26 Aug 2020	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 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
12 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
19 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
26 Aug 2020	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 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
12 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
19 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
26 Aug 2020	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 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
12 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
19 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
26 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 2.8

Summary of water quality parameters at the PLOO shore stations for each sample date. Densities of total coliform (Total), fecal coliform (Fecal), and *Enterococcus* (Entero) are reported as CFU/100 mL. The fecal:total coliform ratio (F:T) is unitless. Comments follow the data summary.

Station	Date	Time	Total	Fecal	Entero	F:T
D4	05 Aug 2020	924	<20	4e	<2	0.20
D4	12 Aug 2020	818	<2	<2	<2	1.00
D4	19 Aug 2020	1006	<20	6e	20e	0.30
D4	26 Aug 2020	803	<20	<2	<2	0.10
D5	05 Aug 2020	938	<2	<2	<2	1.00
D5	12 Aug 2020	830	<2	<2	<2	1.00
D5	19 Aug 2020	954	<20	6e	<2	0.30
D5	26 Aug 2020	751	<20	<2	2e	0.10
D7	05 Aug 2020	902	<20	<2	<2	0.10
D7	12 Aug 2020	902	<20	<2	2e	0.10
D7	19 Aug 2020	914	<200	10e	4e	0.05
D7	26 Aug 2020	825	<20	<2	<2	0.10
D8-B	05 Aug 2020	847	<20	18e	<2	0.90
D8-B	12 Aug 2020	917	<20	<2	<2	0.10
D8-B	19 Aug 2020	854	20e	6e	2e	0.30
D8-B	26 Aug 2020	848	60e	<2	<2	0.03
D9	05 Aug 2020	833	<20	4e	<2	0.20
D9	12 Aug 2020	930	12e	2e	<2	0.17
D9	19 Aug 2020	832	180e	18e	8e	0.10
D9	26 Aug 2020	858	26e	<2	<2	0.08
D10	05 Aug 2020	820	<20	20e	12e	1.00
D10	12 Aug 2020	945	8e	2e	2e	0.25
D10	19 Aug 2020	806	400e	74	24e	0.18
D10	26 Aug 2020	950	20e	24e	<2	1.20
D11	05 Aug 2020	810	40e	20e	10e	0.50
D11	12 Aug 2020	1011	<20	<2	<2	0.10
D11	19 Aug 2020	749	40e	34e	30e	0.85
D11	26 Aug 2020	1003	14e	<2	2e	0.14
D12	05 Aug 2020	736	6e	6e	4e	1.00
D12	12 Aug 2020	1055	<20	2e	2e	0.10
D12	19 Aug 2020	720	20e	4e	8e	0.20
D12	26 Aug 2020	1027	20e	<2	<2	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 Aug 2020	Arrive Time	924
D4	05 Aug 2020	Weather	Overcast
D4	05 Aug 2020	Wind Speed (kts)	0.3
D4	05 Aug 2020	Wind Dir	SW
D4	05 Aug 2020	Animal Life	3 Cormorants; 2 Dolphins
D4	05 Aug 2020	Floatables	Film
D4	05 Aug 2020	Water Color	Green
D4	05 Aug 2020	Current Direction	N
D4	05 Aug 2020	Water Temp (C)	21.5
D4	05 Aug 2020	Wave Height Low (ft)	2
D4	05 Aug 2020	High Tide (ft)	4.3
D4	05 Aug 2020	High Tide Time	1130
D4	05 Aug 2020	Low Tide (ft)	-0.4
D4	05 Aug 2020	Low Tide Time	516
D4	05 Aug 2020	Comments	Kelp; Seagrass; Algae; 5 Surfers; 2 Boats; Water clear
D4	12 Aug 2020	Arrive Time	818
D4	12 Aug 2020	Weather	Overcast
D4	12 Aug 2020	Wind Speed (kts)	5.4
D4	12 Aug 2020	Wind Dir	N
D4	12 Aug 2020	Animal Life	2 Cormorants
D4	12 Aug 2020	Floatables	None
D4	12 Aug 2020	Water Color	Green
D4	12 Aug 2020	Current Direction	S
D4	12 Aug 2020	Water Temp (C)	20
D4	12 Aug 2020	Wave Height Low (ft)	3
D4	12 Aug 2020	High Tide (ft)	2.8
D4	12 Aug 2020	High Tide Time	524
D4	12 Aug 2020	Low Tide (ft)	2.5
D4	12 Aug 2020	Low Tide Time	937
D4	12 Aug 2020	Comments	Kelp; Seagrass; Algae; 3 Surfers; 2 Boats; Water clear
D4	19 Aug 2020	Arrive Time	1006
D4	19 Aug 2020	Weather	Hazy
D4	19 Aug 2020	Wind Speed (kts)	1.5
D4	19 Aug 2020	Wind Dir	W
D4	19 Aug 2020	Animal Life	3 Cormorants; 2 Seagulls
D4	19 Aug 2020	Floatables	None
D4	19 Aug 2020	Water Color	Blue
D4	19 Aug 2020	Current Direction	S
D4	19 Aug 2020	Water Temp (C)	24.7
D4	19 Aug 2020	Wave Height Low (ft)	3
D4	19 Aug 2020	High Tide (ft)	4.7
D4	19 Aug 2020	High Tide Time	1027
D4	19 Aug 2020	Low Tide (ft)	-1
D4	19 Aug 2020	Low Tide Time	416
D4	19 Aug 2020	Comments	Algae; 2 Surfers; Water clear
D4	26 Aug 2020	Arrive Time	803
D4	26 Aug 2020	Weather	Cloudy
D4	26 Aug 2020	Wind Speed (kts)	5.8
D4	26 Aug 2020	Wind Dir	N
D4	26 Aug 2020	Animal Life	2 Cormorants; 12 Pelicans; 6 Terns
D4	26 Aug 2020	Floatables	None
D4	26 Aug 2020	Water Color	Grey
D4	26 Aug 2020	Current Direction	S

Station	Date	Parameter	Value
D4	26 Aug 2020	Water Temp (C)	22.5
D4	26 Aug 2020	Wave Height Low (ft)	1
D4	26 Aug 2020	High Tide (ft)	3.2
D4	26 Aug 2020	High Tide Time	511
D4	26 Aug 2020	Low Tide (ft)	2.5
D4	26 Aug 2020	Low Tide Time	944
D4	26 Aug 2020	Comments	Algae; 1 Boat; Water turbid
D5	05 Aug 2020	Arrive Time	938
D5	05 Aug 2020	Weather	Overcast
D5	05 Aug 2020	Wind Speed (kts)	0.9
D5	05 Aug 2020	Wind Dir	W
D5	05 Aug 2020	Animal Life	1 Cormorant; 1 Pelican
D5	05 Aug 2020	Floatables	Film
D5	05 Aug 2020	Water Color	Green
D5	05 Aug 2020	Current Direction	N
D5	05 Aug 2020	Water Temp (C)	20.8
D5	05 Aug 2020	Wave Height Low (ft)	2
D5	05 Aug 2020	High Tide (ft)	4.3
D5	05 Aug 2020	High Tide Time	1130
D5	05 Aug 2020	Low Tide (ft)	-0.4
D5	05 Aug 2020	Low Tide Time	516
D5	05 Aug 2020	Comments	Kelp; Seagrass; Algae; Water clear
D5	12 Aug 2020	Arrive Time	830
D5	12 Aug 2020	Weather	Overcast
D5	12 Aug 2020	Wind Speed (kts)	6
D5	12 Aug 2020	Wind Dir	N
D5	12 Aug 2020	Animal Life	1 Cormorant
D5	12 Aug 2020	Floatables	None
D5	12 Aug 2020	Water Color	Green
D5	12 Aug 2020	Current Direction	S
D5	12 Aug 2020	Water Temp (C)	20
D5	12 Aug 2020	Wave Height Low (ft)	3
D5	12 Aug 2020	High Tide (ft)	2.8
D5	12 Aug 2020	High Tide Time	524
D5	12 Aug 2020	Low Tide (ft)	2.5
D5	12 Aug 2020	Low Tide Time	937
D5	12 Aug 2020	Comments	Seagrass; Water clear
D5	19 Aug 2020	Arrive Time	954
D5	19 Aug 2020	Weather	Hazy
D5	19 Aug 2020	Wind Speed (kts)	2.5
D5	19 Aug 2020	Wind Dir	W
D5	19 Aug 2020	Animal Life	2 Cormorants
D5	19 Aug 2020	Floatables	Foam
D5	19 Aug 2020	Water Color	Blue
D5	19 Aug 2020	Current Direction	S
D5	19 Aug 2020	Water Temp (C)	23.8
D5	19 Aug 2020	Wave Height Low (ft)	1
D5	19 Aug 2020	High Tide (ft)	4.7
D5	19 Aug 2020	High Tide Time	1027
D5	19 Aug 2020	Low Tide (ft)	-1
D5	19 Aug 2020	Low Tide Time	416
D5	19 Aug 2020	Comments	Algae; Water clear
D5	26 Aug 2020	Arrive Time	751
D5	26 Aug 2020	Weather	Cloudy
D5	26 Aug 2020	Wind Speed (kts)	7.7
D5	26 Aug 2020	Wind Dir	N
D5	26 Aug 2020	Animal Life	1 Cormorant; 3 Pelicans; 5 Seagulls; 4 Terns

Station	Date	Parameter	Value
D5	26 Aug 2020	Floatables	None
D5	26 Aug 2020	Water Color	Grey
D5	26 Aug 2020	Current Direction	S
D5	26 Aug 2020	Water Temp (C)	22.7
D5	26 Aug 2020	Wave Height Low (ft)	1
D5	26 Aug 2020	High Tide (ft)	3.2
D5	26 Aug 2020	High Tide Time	511
D5	26 Aug 2020	Low Tide (ft)	2.5
D5	26 Aug 2020	Low Tide Time	944
D5	26 Aug 2020	Comments	Kelp; Algae; Water turbid
D7	05 Aug 2020	Arrive Time	902
D7	05 Aug 2020	Weather	Overcast
D7	05 Aug 2020	Wind Speed (kts)	2.1
D7	05 Aug 2020	Wind Dir	W
D7	05 Aug 2020	Animal Life	None
D7	05 Aug 2020	Floatables	Film
D7	05 Aug 2020	Water Color	Green
D7	05 Aug 2020	Current Direction	S
D7	05 Aug 2020	Water Temp (C)	21.1
D7	05 Aug 2020	Wave Height Low (ft)	1
D7	05 Aug 2020	High Tide (ft)	4.3
D7	05 Aug 2020	High Tide Time	1130
D7	05 Aug 2020	Low Tide (ft)	-0.4
D7	05 Aug 2020	Low Tide Time	516
D7	05 Aug 2020	Comments	Kelp; Algae; 5 Surfers; Water clear
D7	12 Aug 2020	Arrive Time	902
D7	12 Aug 2020	Weather	Overcast
D7	12 Aug 2020	Wind Speed (kts)	4.2
D7	12 Aug 2020	Wind Dir	N
D7	12 Aug 2020	Animal Life	1 Dog; 6 Pelicans; 2 Seagulls
D7	12 Aug 2020	Floatables	None
D7	12 Aug 2020	Water Color	Green
D7	12 Aug 2020	Current Direction	S
D7	12 Aug 2020	Water Temp (C)	19.8
D7	12 Aug 2020	Wave Height Low (ft)	2
D7	12 Aug 2020	High Tide (ft)	2.8
D7	12 Aug 2020	High Tide Time	524
D7	12 Aug 2020	Low Tide (ft)	2.5
D7	12 Aug 2020	Low Tide Time	937
D7	12 Aug 2020	Comments	Kelp; Seagrass; Algae; 11 Surfers; Water clear
D7	19 Aug 2020	Arrive Time	914
D7	19 Aug 2020	Weather	Hazy
D7	19 Aug 2020	Wind Speed (kts)	2.3
D7	19 Aug 2020	Wind Dir	W
D7	19 Aug 2020	Animal Life	3 Seagulls
D7	19 Aug 2020	Floatables	None
D7	19 Aug 2020	Water Color	Green
D7	19 Aug 2020	Current Direction	S
D7	19 Aug 2020	Water Temp (C)	23.9
D7	19 Aug 2020	Wave Height Low (ft)	2
D7	19 Aug 2020	High Tide (ft)	4.7
D7	19 Aug 2020	High Tide Time	1027
D7	19 Aug 2020	Low Tide (ft)	-1
D7	19 Aug 2020	Low Tide Time	416
D7	19 Aug 2020	Comments	Kelp; Seagrass; Algae; 5 Persons; 9 Surfers; Water clear
D7	26 Aug 2020	Arrive Time	825
D7	26 Aug 2020	Weather	Cloudy

Station	Date	Parameter	Value
D7	26 Aug 2020	Wind Speed (kts)	4.7
D7	26 Aug 2020	Wind Dir	N
D7	26 Aug 2020	Animal Life	2 Seagulls; 4 Terns
D7	26 Aug 2020	Floatables	None
D7	26 Aug 2020	Water Color	Grey
D7	26 Aug 2020	Current Direction	S
D7	26 Aug 2020	Water Temp (C)	22.8
D7	26 Aug 2020	Wave Height Low (ft)	2
D7	26 Aug 2020	High Tide (ft)	3.2
D7	26 Aug 2020	High Tide Time	511
D7	26 Aug 2020	Low Tide (ft)	2.5
D7	26 Aug 2020	Low Tide Time	944
D7	26 Aug 2020	Comments	Kelp; Algae; 6 Surfers; Water clear
D8-B	05 Aug 2020	Arrive Time	847
D8-B	05 Aug 2020	Weather	Overcast
D8-B	05 Aug 2020	Wind Speed (kts)	1.7
D8-B	05 Aug 2020	Wind Dir	W
D8-B	05 Aug 2020	Animal Life	1 Cormorant
D8-B	05 Aug 2020	Floatables	None
D8-B	05 Aug 2020	Water Color	Green
D8-B	05 Aug 2020	Current Direction	N
D8-B	05 Aug 2020	Water Temp (C)	20.7
D8-B	05 Aug 2020	Wave Height Low (ft)	4
D8-B	05 Aug 2020	High Tide (ft)	4.3
D8-B	05 Aug 2020	High Tide Time	1130
D8-B	05 Aug 2020	Low Tide (ft)	-0.4
D8-B	05 Aug 2020	Low Tide Time	516
D8-B	05 Aug 2020	Comments	Kelp; Seagrass; Algae; 1 Person; 6 Surfers; 1 Boat; Water clear
D8-B	12 Aug 2020	Arrive Time	917
D8-B	12 Aug 2020	Weather	Overcast
D8-B	12 Aug 2020	Wind Speed (kts)	4.8
D8-B	12 Aug 2020	Wind Dir	NW
D8-B	12 Aug 2020	Animal Life	None
D8-B	12 Aug 2020	Floatables	None
D8-B	12 Aug 2020	Water Color	Green
D8-B	12 Aug 2020	Current Direction	S
D8-B	12 Aug 2020	Water Temp (C)	18.9
D8-B	12 Aug 2020	Wave Height Low (ft)	1
D8-B	12 Aug 2020	High Tide (ft)	2.8
D8-B	12 Aug 2020	High Tide Time	524
D8-B	12 Aug 2020	Low Tide (ft)	2.5
D8-B	12 Aug 2020	Low Tide Time	937
D8-B	12 Aug 2020	Comments	Algae; 1 Surfer; Water clear
D8-B	19 Aug 2020	Arrive Time	854
D8-B	19 Aug 2020	Weather	Hazy
D8-B	19 Aug 2020	Wind Speed (kts)	0.7
D8-B	19 Aug 2020	Wind Dir	W
D8-B	19 Aug 2020	Animal Life	1 Dog
D8-B	19 Aug 2020	Floatables	None
D8-B	19 Aug 2020	Water Color	Green
D8-B	19 Aug 2020	Current Direction	S
D8-B	19 Aug 2020	Water Temp (C)	24.2
D8-B	19 Aug 2020	Wave Height Low (ft)	2
D8-B	19 Aug 2020	High Tide (ft)	4.7
D8-B	19 Aug 2020	High Tide Time	1027
D8-B	19 Aug 2020	Low Tide (ft)	-1
D8-B	19 Aug 2020	Low Tide Time	416

Station	Date	Parameter	Value
D8-B	19 Aug 2020	Comments	Algae; 1 Person; 1 Surfer; Water clear
D8-B	26 Aug 2020	Arrive Time	848
D8-B	26 Aug 2020	Weather	Cloudy
D8-B	26 Aug 2020	Wind Speed (kts)	4
D8-B	26 Aug 2020	Wind Dir	W
D8-B	26 Aug 2020	Animal Life	1 Tern
D8-B	26 Aug 2020	Floatables	None
D8-B	26 Aug 2020	Water Color	Grey
D8-B	26 Aug 2020	Current Direction	S
D8-B	26 Aug 2020	Water Temp (C)	22.2
D8-B	26 Aug 2020	Wave Height Low (ft)	2
D8-B	26 Aug 2020	High Tide (ft)	3.2
D8-B	26 Aug 2020	High Tide Time	511
D8-B	26 Aug 2020	Low Tide (ft)	2.5
D8-B	26 Aug 2020	Low Tide Time	944
D8-B	26 Aug 2020	Comments	Kelp; Algae; Water turbid
D9	05 Aug 2020	Arrive Time	833
D9	05 Aug 2020	Weather	Overcast
D9	05 Aug 2020	Wind Speed (kts)	2.5
D9	05 Aug 2020	Wind Dir	W
D9	05 Aug 2020	Animal Life	1 Pelican
D9	05 Aug 2020	Floatables	Film
D9	05 Aug 2020	Water Color	Green
D9	05 Aug 2020	Current Direction	N
D9	05 Aug 2020	Water Temp (C)	20.1
D9	05 Aug 2020	Wave Height Low (ft)	3
D9	05 Aug 2020	High Tide (ft)	4.3
D9	05 Aug 2020	High Tide Time	1130
D9	05 Aug 2020	Low Tide (ft)	-0.4
D9	05 Aug 2020	Low Tide Time	516
D9	05 Aug 2020	Comments	Algae; Water clear
D9	12 Aug 2020	Arrive Time	930
D9	12 Aug 2020	Weather	Cloudy
D9	12 Aug 2020	Wind Speed (kts)	1.7
D9	12 Aug 2020	Wind Dir	W
D9	12 Aug 2020	Animal Life	1 Seagull
D9	12 Aug 2020	Floatables	None
D9	12 Aug 2020	Water Color	Green
D9	12 Aug 2020	Current Direction	S
D9	12 Aug 2020	Water Temp (C)	19.5
D9	12 Aug 2020	Wave Height Low (ft)	3
D9	12 Aug 2020	High Tide (ft)	2.8
D9	12 Aug 2020	High Tide Time	524
D9	12 Aug 2020	Low Tide (ft)	2.5
D9	12 Aug 2020	Low Tide Time	937
D9	12 Aug 2020	Comments	Algae; 4 Persons; Water clear
D9	19 Aug 2020	Arrive Time	832
D9	19 Aug 2020	Weather	Hazy
D9	19 Aug 2020	Wind Speed (kts)	1.5
D9	19 Aug 2020	Wind Dir	W
D9	19 Aug 2020	Animal Life	1 Seagull
D9	19 Aug 2020	Floatables	None
D9	19 Aug 2020	Water Color	Blue
D9	19 Aug 2020	Current Direction	S
D9	19 Aug 2020	Water Temp (C)	24
D9	19 Aug 2020	Wave Height Low (ft)	2
D9	19 Aug 2020	High Tide (ft)	4.7

Station	Date	Parameter	Value
D9	19 Aug 2020	High Tide Time	1027
D9	19 Aug 2020	Low Tide (ft)	-1
D9	19 Aug 2020	Low Tide Time	416
D9	19 Aug 2020	Comments	Algae; 7 Surfers; Water clear
D9	26 Aug 2020	Arrive Time	858
D9	26 Aug 2020	Weather	Cloudy
D9	26 Aug 2020	Wind Speed (kts)	6.2
D9	26 Aug 2020	Wind Dir	W
D9	26 Aug 2020	Animal Life	3 Terns
D9	26 Aug 2020	Floatables	None
D9	26 Aug 2020	Water Color	Grey
D9	26 Aug 2020	Current Direction	S
D9	26 Aug 2020	Water Temp (C)	22
D9	26 Aug 2020	Wave Height Low (ft)	2
D9	26 Aug 2020	High Tide (ft)	3.2
D9	26 Aug 2020	High Tide Time	511
D9	26 Aug 2020	Low Tide (ft)	2.5
D9	26 Aug 2020	Low Tide Time	944
D9	26 Aug 2020	Comments	Kelp; Seagrass; Algae; 1 Person; Water turbid
D10	05 Aug 2020	Arrive Time	820
D10	05 Aug 2020	Weather	Overcast
D10	05 Aug 2020	Wind Speed (kts)	3.6
D10	05 Aug 2020	Wind Dir	W
D10	05 Aug 2020	Animal Life	1 Dog; 4 Godwits; 13 Seagulls
D10	05 Aug 2020	Floatables	Foam
D10	05 Aug 2020	Water Color	Green
D10	05 Aug 2020	Current Direction	N
D10	05 Aug 2020	Water Temp (C)	21
D10	05 Aug 2020	Wave Height Low (ft)	1
D10	05 Aug 2020	High Tide (ft)	4.3
D10	05 Aug 2020	High Tide Time	1130
D10	05 Aug 2020	Low Tide (ft)	-0.4
D10	05 Aug 2020	Low Tide Time	516
D10	05 Aug 2020	Comments	Kelp; Seagrass; 2 Joggers; 11 Persons; 36 Surfers; 2 Swimmers; Water clear
D10	12 Aug 2020	Arrive Time	945
D10	12 Aug 2020	Weather	Partly Cloudy
D10	12 Aug 2020	Wind Speed (kts)	4.2
D10	12 Aug 2020	Wind Dir	W
D10	12 Aug 2020	Animal Life	1 Pigeon; 3 Seagulls
D10	12 Aug 2020	Floatables	None
D10	12 Aug 2020	Water Color	Green
D10	12 Aug 2020	Current Direction	S
D10	12 Aug 2020	Water Temp (C)	18.8
D10	12 Aug 2020	Wave Height Low (ft)	2
D10	12 Aug 2020	High Tide (ft)	2.8
D10	12 Aug 2020	High Tide Time	524
D10	12 Aug 2020	Low Tide (ft)	2.5
D10	12 Aug 2020	Low Tide Time	937
D10	12 Aug 2020	Comments	Kelp; Seagrass; 40 Persons; 31 Surfers; 9 Swimmers; Water clear
D10	19 Aug 2020	Arrive Time	806
D10	19 Aug 2020	Weather	Hazy
D10	19 Aug 2020	Wind Speed (kts)	1.7
D10	19 Aug 2020	Wind Dir	W
D10	19 Aug 2020	Animal Life	3 Dogs; 26 Seagulls
D10	19 Aug 2020	Floatables	None

Station	Date	Parameter	Value
D10	19 Aug 2020	Water Color	Blue
D10	19 Aug 2020	Current Direction	S
D10	19 Aug 2020	Water Temp (C)	24.3
D10	19 Aug 2020	Wave Height Low (ft)	3
D10	19 Aug 2020	High Tide (ft)	4.7
D10	19 Aug 2020	High Tide Time	1027
D10	19 Aug 2020	Low Tide (ft)	-1
D10	19 Aug 2020	Low Tide Time	416
D10	19 Aug 2020	Comments	Kelp; Seagrass; 3 Joggers; 16 Persons; 19 Surfers; Water clear
D10	26 Aug 2020	Arrive Time	950
D10	26 Aug 2020	Weather	Cloudy
D10	26 Aug 2020	Wind Speed (kts)	5.2
D10	26 Aug 2020	Wind Dir	N
D10	26 Aug 2020	Animal Life	11 Seagulls
D10	26 Aug 2020	Floatables	None
D10	26 Aug 2020	Water Color	Grey
D10	26 Aug 2020	Current Direction	S
D10	26 Aug 2020	Water Temp (C)	22
D10	26 Aug 2020	Wave Height Low (ft)	2
D10	26 Aug 2020	High Tide (ft)	3.2
D10	26 Aug 2020	High Tide Time	511
D10	26 Aug 2020	Low Tide (ft)	2.5
D10	26 Aug 2020	Low Tide Time	944
D10	26 Aug 2020	Comments	Kelp; 40 Persons; 39 Surfers; Water clear
D11	05 Aug 2020	Arrive Time	810
D11	05 Aug 2020	Weather	Overcast
D11	05 Aug 2020	Wind Speed (kts)	1.7
D11	05 Aug 2020	Wind Dir	W
D11	05 Aug 2020	Animal Life	3 Cormorants; 3 Dogs
D11	05 Aug 2020	Floatables	None
D11	05 Aug 2020	Water Color	Green
D11	05 Aug 2020	Current Direction	N
D11	05 Aug 2020	Water Temp (C)	21
D11	05 Aug 2020	Wave Height Low (ft)	3
D11	05 Aug 2020	High Tide (ft)	4.3
D11	05 Aug 2020	High Tide Time	1130
D11	05 Aug 2020	Low Tide (ft)	-0.4
D11	05 Aug 2020	Low Tide Time	516
D11	05 Aug 2020	Comments	Kelp; Seagrass; 3 Joggers; 12 Persons; 40 Surfers; Water clear
D11	12 Aug 2020	Arrive Time	1011
D11	12 Aug 2020	Weather	Cloudy
D11	12 Aug 2020	Wind Speed (kts)	5
D11	12 Aug 2020	Wind Dir	W
D11	12 Aug 2020	Animal Life	1 Dog
D11	12 Aug 2020	Floatables	None
D11	12 Aug 2020	Water Color	Green
D11	12 Aug 2020	Current Direction	S
D11	12 Aug 2020	Water Temp (C)	18.9
D11	12 Aug 2020	Wave Height Low (ft)	2
D11	12 Aug 2020	High Tide (ft)	2.8
D11	12 Aug 2020	High Tide Time	524
D11	12 Aug 2020	Low Tide (ft)	2.5
D11	12 Aug 2020	Low Tide Time	937
D11	12 Aug 2020	Comments	Kelp; Seagrass; 30 Persons; 35 Surfers; 6 Swimmers; Water clear

Station	Date	Parameter	Value
D11	19 Aug 2020	Arrive Time	749
D11	19 Aug 2020	Weather	Hazy
D11	19 Aug 2020	Wind Speed (kts)	2.9
D11	19 Aug 2020	Wind Dir	W
D11	19 Aug 2020	Animal Life	3 Dogs; 2 Seagulls
D11	19 Aug 2020	Floatables	None
D11	19 Aug 2020	Water Color	Blue
D11	19 Aug 2020	Current Direction	S
D11	19 Aug 2020	Water Temp (C)	24.2
D11	19 Aug 2020	Wave Height Low (ft)	2
D11	19 Aug 2020	High Tide (ft)	4.7
D11	19 Aug 2020	High Tide Time	1027
D11	19 Aug 2020	Low Tide (ft)	-1
D11	19 Aug 2020	Low Tide Time	416
D11	19 Aug 2020	Comments	Kelp; Seagrass; 6 Persons; 44 Surfers; Water turbid
D11	26 Aug 2020	Arrive Time	1003
D11	26 Aug 2020	Weather	Cloudy
D11	26 Aug 2020	Wind Speed (kts)	6.6
D11	26 Aug 2020	Wind Dir	N
D11	26 Aug 2020	Animal Life	2 Shorebirds; 3 Dogs
D11	26 Aug 2020	Floatables	None
D11	26 Aug 2020	Water Color	Blue
D11	26 Aug 2020	Current Direction	S
D11	26 Aug 2020	Water Temp (C)	22.6
D11	26 Aug 2020	Wave Height Low (ft)	2
D11	26 Aug 2020	High Tide (ft)	3.2
D11	26 Aug 2020	High Tide Time	511
D11	26 Aug 2020	Low Tide (ft)	2.5
D11	26 Aug 2020	Low Tide Time	944
D11	26 Aug 2020	Comments	Kelp; Algae; 16 Persons; 23 Surfers; Water clear
D12	05 Aug 2020	Arrive Time	736
D12	05 Aug 2020	Weather	Overcast
D12	05 Aug 2020	Wind Speed (kts)	0
D12	05 Aug 2020	Wind Dir	
D12	05 Aug 2020	Animal Life	1 Dog; 4 Pigeons; 26 Seagulls
D12	05 Aug 2020	Floatables	None
D12	05 Aug 2020	Water Color	Green
D12	05 Aug 2020	Current Direction	N
D12	05 Aug 2020	Water Temp (C)	20.9
D12	05 Aug 2020	Wave Height Low (ft)	4
D12	05 Aug 2020	High Tide (ft)	4.3
D12	05 Aug 2020	High Tide Time	1130
D12	05 Aug 2020	Low Tide (ft)	-0.4
D12	05 Aug 2020	Low Tide Time	516
D12	05 Aug 2020	Comments	Kelp; Seagrass; 8 Persons; 6 Surfers; 1 Fisherman; Water clear
D12	12 Aug 2020	Arrive Time	1055
D12	12 Aug 2020	Weather	Sunny
D12	12 Aug 2020	Wind Speed (kts)	2.5
D12	12 Aug 2020	Wind Dir	W
D12	12 Aug 2020	Animal Life	6 Godwits; 5 Seagulls
D12	12 Aug 2020	Floatables	None
D12	12 Aug 2020	Water Color	Green
D12	12 Aug 2020	Current Direction	S
D12	12 Aug 2020	Water Temp (C)	20.3
D12	12 Aug 2020	Wave Height Low (ft)	1
D12	12 Aug 2020	High Tide (ft)	2.8
D12	12 Aug 2020	High Tide Time	524

Station	Date	Parameter	Value
D12	12 Aug 2020	Low Tide (ft)	2.5
D12	12 Aug 2020	Low Tide Time	937
D12	12 Aug 2020	Comments	Kelp; Seagrass; Algae; 52 Persons; 9 Swimmers; 1 Fisherman; Water clear
D12	19 Aug 2020	Arrive Time	720
D12	19 Aug 2020	Weather	Hazy
D12	19 Aug 2020	Wind Speed (kts)	3.4
D12	19 Aug 2020	Wind Dir	W
D12	19 Aug 2020	Animal Life	1 Dog; 4 Godwits; 34 Seagulls; 6 Terns
D12	19 Aug 2020	Floatables	None
D12	19 Aug 2020	Water Color	Blue
D12	19 Aug 2020	Current Direction	S
D12	19 Aug 2020	Water Temp (C)	24.7
D12	19 Aug 2020	Wave Height Low (ft)	2
D12	19 Aug 2020	High Tide (ft)	4.7
D12	19 Aug 2020	High Tide Time	1027
D12	19 Aug 2020	Low Tide (ft)	-1
D12	19 Aug 2020	Low Tide Time	416
D12	19 Aug 2020	Comments	Kelp; Seagrass; 1 Jogger; 16 Persons; 6 Surfers; Water clear
D12	26 Aug 2020	Arrive Time	1027
D12	26 Aug 2020	Weather	Cloudy
D12	26 Aug 2020	Wind Speed (kts)	6.2
D12	26 Aug 2020	Wind Dir	N
D12	26 Aug 2020	Animal Life	1 Godwit; 17 Seagulls
D12	26 Aug 2020	Floatables	None
D12	26 Aug 2020	Water Color	Blue
D12	26 Aug 2020	Current Direction	S
D12	26 Aug 2020	Water Temp (C)	22.6
D12	26 Aug 2020	Wave Height Low (ft)	2
D12	26 Aug 2020	High Tide (ft)	3.2
D12	26 Aug 2020	High Tide Time	511
D12	26 Aug 2020	Low Tide (ft)	2.5
D12	26 Aug 2020	Low Tide Time	944
D12	26 Aug 2020	Comments	Kelp; Seagrass; 25 Persons; 4 Surfers; Water clear

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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 Aug 2020	2*	3*	2*	4*	3*	4*	10*	5*
02 Aug 2020	2*	3*	2*	4*	3*	4*	10*	5*
03 Aug 2020	2*	3*	2*	4*	3*	4*	10*	5*
04 Aug 2020	2	3	2	3	3	5	7	4
05 Aug 2020	2*	2*	2*	4*	3*	6*	6*	5*
06 Aug 2020	2*	2*	2*	4*	3*	6*	6*	5*
07 Aug 2020	2*	2*	2*	4*	3*	6*	6*	5*
08 Aug 2020	2*	2*	2*	4*	3*	6*	6*	5*
09 Aug 2020	2*	2*	2*	4*	3*	6*	6*	5*
10 Aug 2020	2*	2*	2*	4*	3*	6*	6*	5*
11 Aug 2020	2	2	2	3	3	5	6	4
12 Aug 2020	2*	2*	2*	3*	3*	6*	8*	5*
13 Aug 2020	2*	2*	2*	3*	3*	6*	8*	5*
14 Aug 2020	2*	2*	2*	3*	3*	6*	8*	5*
15 Aug 2020	2*	2*	2*	3*	3*	6*	8*	5*
16 Aug 2020	2*	2*	2*	3*	3*	6*	8*	5*
17 Aug 2020	2	3	2	3	3	5	6	4
18 Aug 2020	2	3	2	3	3	5	6	4
19 Aug 2020	2	3	2	3	3	5	6	4
20 Aug 2020	2*	4*	2*	2*	2*	3*	3*	3*
21 Aug 2020	2*	4*	2*	2*	2*	3*	3*	3*
22 Aug 2020	2*	4*	2*	2*	2*	3*	3*	3*
23 Aug 2020	2*	4*	2*	2*	2*	3*	3*	3*
24 Aug 2020	2*	4*	2*	2*	2*	3*	3*	3*
25 Aug 2020	2*	4*	2*	2*	2*	3*	3*	3*
26 Aug 2020	2*	4*	2*	2*	2*	3*	3*	3*
27 Aug 2020	4*	6*	3*	3*	3*	5*	4*	2*
28 Aug 2020	4*	6*	3*	3*	3*	5*	4*	2*
29 Aug 2020	4*	6*	3*	3*	3*	5*	4*	2*
30 Aug 2020	4*	6*	3*	3*	3*	5*	4*	2*
31 Aug 2020	6	8	5	4	4	4	6	3

* Geometric mean calculated using n<5

Table 3.2

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Aug 2020	2*	2*	2*	2*	2*	2*	3*	3*
02 Aug 2020	2*	2*	2*	2*	2*	2*	3*	3*
03 Aug 2020	2*	2*	2*	2*	2*	2*	3*	3*
04 Aug 2020	2	2	2	2	2	2	2	3
05 Aug 2020	2*	2*	2*	2*	2*	2*	2*	3*
06 Aug 2020	2*	2*	2*	2*	2*	2*	2*	3*
07 Aug 2020	2*	2*	2*	2*	2*	2*	2*	3*
08 Aug 2020	2*	2*	2*	2*	2*	2*	2*	3*
09 Aug 2020	2*	2*	2*	2*	2*	2*	2*	3*
10 Aug 2020	2*	2*	2*	2*	2*	2*	2*	3*
11 Aug 2020	2	2	2	2	2	2	2	3
12 Aug 2020	2*	2*	2*	2*	2*	2*	2*	3*
13 Aug 2020	2*	2*	2*	2*	2*	2*	2*	3*
14 Aug 2020	2*	2*	2*	2*	2*	2*	2*	3*
15 Aug 2020	2*	2*	2*	2*	2*	2*	2*	3*
16 Aug 2020	2*	2*	2*	2*	2*	2*	2*	3*
17 Aug 2020	2	2	2	2	2	2	2	3
18 Aug 2020	2	2	2	2	2	2	2	3
19 Aug 2020	2	2	2	2	2	2	2	3
20 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
21 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
22 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
23 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
24 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
25 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
26 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
27 Aug 2020	3*	3*	3*	2*	2*	2*	2*	2*
28 Aug 2020	3*	3*	3*	2*	2*	2*	2*	2*
29 Aug 2020	3*	3*	3*	2*	2*	2*	2*	2*
30 Aug 2020	3*	3*	3*	2*	2*	2*	2*	2*
31 Aug 2020	4	4	3	2	2	2	2	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 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
02 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
03 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
04 Aug 2020	2	2	2	2	2	2	2	2
05 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
06 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
07 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
08 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
09 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
10 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
11 Aug 2020	2	2	2	2	2	2	2	2
12 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
13 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
14 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
15 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
16 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
17 Aug 2020	2	2	2	2	2	2	2	2
18 Aug 2020	2	2	2	2	2	2	2	2
19 Aug 2020	2	2	2	2	2	2	2	2
20 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
21 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
22 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
23 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
24 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
25 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
26 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
27 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
28 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
29 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
30 Aug 2020	2*	2*	2*	2*	2*	2*	2*	2*
31 Aug 2020	2	2	2	2	2	2	2	2

* Geometric mean calculated using n<5

Table 3.4

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
04 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
11 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
17 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
27 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
31 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 3.5

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
04 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
11 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
17 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
27 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
31 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 3.6

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
04 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
11 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
17 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
27 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
31 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 3.7

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
04 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
11 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
17 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
27 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC
31 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 3.8

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

Station	Date	Time	Depth	Total	Fecal	Entero	F:T	Temp	XMS	DO	Sal	pH
A1	04 Aug 2020	802	1	<2	<2	<2	1.00	17.3	83.05	7.8	33.55	8.1
A1	04 Aug 2020	802	12	<2	<2	<2	1.00	13.3	78.43	6.1	33.69	8.0
A1	04 Aug 2020	802	18	<2	<2	<2	1.00	12.6	79.19	5.8	33.63	7.9
A1	11 Aug 2020	846	1	<2	<2	<2	1.00	17.8	78.37	8.4	33.63	8.2
A1	11 Aug 2020	846	12	2e	<2	<2	1.00	13.2	76.22	6.7	33.62	8.0
A1	11 Aug 2020	846	18	2e	<2	<2	1.00	13.0	77.21	6.4	33.62	8.0
A1	17 Aug 2020	746	1	<2	<2	<2	1.00	22.0	87.66	6.9	33.69	8.2
A1	17 Aug 2020	746	12	<2	<2	<2	1.00	17.1	82.25	8.2	33.84	8.2
A1	17 Aug 2020	746	18	2e	<2	<2	1.00	13.7	78.56	6.7	33.56	8.0
A1	27 Aug 2020	748	1	2e	<2	<2	1.00	20.2	82.46	8.8	33.58	8.2
A1	27 Aug 2020	748	12	12e	4e	<2	0.33	15.6	82.40	7.9	33.54	8.1
A1	27 Aug 2020	748	18	90	40	2e	0.44	13.6	88.91	7.0	33.50	8.0
A1	31 Aug 2020	745	1	<2	<2	<2	1.00	15.6	83.56	7.6	33.49	8.0
A1	31 Aug 2020	745	12	32e	10e	<2	0.31	12.5	90.43	6.1	33.55	7.8
A1	31 Aug 2020	745	18	50	6e	2e	0.12	12.5	90.58	6.1	33.55	7.8
A6	04 Aug 2020	834	1	<2	<2	<2	1.00	17.7	81.95	7.9	33.58	8.1
A6	04 Aug 2020	834	12	<2	<2	<2	1.00	12.3	82.37	5.8	33.65	8.0
A6	04 Aug 2020	834	18	<2	<2	<2	1.00	12.1	85.56	5.5	33.66	7.9
A6	11 Aug 2020	916	1	<2	<2	<2	1.00	17.6	80.91	8.3	33.67	8.2
A6	11 Aug 2020	916	12	<2	<2	<2	1.00	14.9	77.74	7.8	33.59	8.1
A6	11 Aug 2020	916	18	<2	<2	<2	1.00	14.2	75.57	7.2	33.60	8.1
A6	17 Aug 2020	815	1	<2	<2	<2	1.00	22.1	88.78	7.6	33.70	8.2
A6	17 Aug 2020	815	12	<20	<2	<2	0.10	17.9	82.28	8.7	33.62	8.2
A6	17 Aug 2020	815	18	4e	<2	<2	0.50	15.8	81.20	7.6	33.59	8.1
A6	27 Aug 2020	837	1	10e	10e	<2	1.00	19.0	78.71	8.4	33.54	8.2
A6	27 Aug 2020	837	12	<2	<2	<2	1.00	17.0	78.67	8.1	33.52	8.1
A6	27 Aug 2020	837	18	80e	44	<2	0.55	13.9	88.05	6.9	33.52	8.0
A6	31 Aug 2020	812	1	<2	<2	<2	1.00	18.5	85.80	8.7	33.48	8.2
A6	31 Aug 2020	812	12	68	2e	2e	0.03	12.4	91.25	6.2	33.54	7.9
A6	31 Aug 2020	812	18	48	12e	8e	0.25	12.4	91.53	6.1	33.55	7.9
A7	04 Aug 2020	821	1	<2	<2	<2	1.00	16.4	78.86	7.7	33.58	8.1
A7	04 Aug 2020	821	12	2e	<2	<2	1.00	12.6	74.48	6.5	33.68	8.0
A7	04 Aug 2020	821	18	6e	<2	<2	0.33	12.2	81.71	6.0	33.64	7.9
A7	11 Aug 2020	900	1	<2	<2	<2	1.00	19.1	79.36	8.2	33.67	8.2
A7	11 Aug 2020	900	12	<2	<2	<2	1.00	14.4	72.33	7.7	33.68	8.1
A7	11 Aug 2020	900	18	<2	<2	<2	1.00	13.1	77.01	6.7	33.63	8.0
A7	17 Aug 2020	801	1	<2	<2	<2	1.00	22.1	88.83	7.5	33.71	8.2
A7	17 Aug 2020	801	12	<2	<2	<2	1.00	17.6	82.44	9.0	33.63	8.2
A7	17 Aug 2020	801	18	<2	<2	<2	1.00	14.0	79.38	7.2	33.58	8.1

Station	Date	Time	Depth	Total	Fecal	Entero	F:T	Temp	XMS	DO	Sal	pH
A7	27 Aug 2020	803	1	<2	<2	<2	1.00	19.8	80.20	8.7	33.57	8.2
A7	27 Aug 2020	803	12	4e	<2	<2	0.50	17.2	82.42	8.1	33.51	8.1
A7	27 Aug 2020	803	18	<20	12e	<2	0.60	14.8	88.47	7.1	33.49	8.0
A7	31 Aug 2020	758	1	2e	<2	<2	1.00	18.1	86.47	8.4	33.46	8.1
A7	31 Aug 2020	758	12	50	<2	<2	0.04	12.4	90.89	6.0	33.54	7.8
A7	31 Aug 2020	758	18	60	12e	4e	0.20	12.4	90.75	5.9	33.56	7.8
C4	04 Aug 2020	1000	1	<2	<2	<2	1.00	16.6	78.63	7.6	33.59	8.1
C4	04 Aug 2020	1000	3	<2	<2	<2	1.00	16.6	78.79	7.5	33.60	8.1
C4	04 Aug 2020	1000	9	<2	<2	<2	1.00	16.0	80.26	7.2	33.65	8.1
C4	11 Aug 2020	1031	1	2e	<2	<2	1.00	19.6	80.70	7.3	33.68	8.2
C4	11 Aug 2020	1031	3	<2	<2	<2	1.00	19.4	79.66	7.5	33.69	8.2
C4	11 Aug 2020	1031	9	<2	<2	<2	1.00	15.1	80.85	6.1	33.92	7.9
C4	17 Aug 2020	917	1	4e	<2	<2	0.50	22.0	88.38	7.7	33.70	8.2
C4	17 Aug 2020	917	3	2e	<2	<2	1.00	22.0	88.28	7.7	33.70	8.2
C4	17 Aug 2020	917	9	2e	<2	<2	1.00	16.0	85.33	5.6	33.62	8.0
C4	27 Aug 2020	1003	1	<2	<2	<2	1.00	18.9	79.19	7.6	33.55	8.1
C4	27 Aug 2020	1003	3	2e	<2	<2	1.00	18.6	79.18	7.7	33.56	8.1
C4	27 Aug 2020	1003	9	<20	<2	<2	0.10	18.1	78.42	7.6	33.54	8.1
C4	31 Aug 2020	912	1	<2	<2	<2	1.00	18.0	84.77	8.3	33.49	8.1
C4	31 Aug 2020	912	3	<20	<2	<2	0.10	16.5	84.00	7.5	33.54	8.1
C4	31 Aug 2020	912	9	<2	<2	<2	1.00	13.6	85.15	5.3	33.53	7.8
C5	04 Aug 2020	947	1	<2	<2	<2	1.00	17.5	82.74	8.1	33.58	8.2
C5	04 Aug 2020	947	3	2e	<2	<2	1.00	16.9	82.09	7.9	33.64	8.1
C5	04 Aug 2020	947	9	<2	<2	<2	1.00	14.5	85.03	6.6	33.67	8.0
C5	11 Aug 2020	1021	1	<2	<2	<2	1.00	19.2	79.13	8.1	33.67	8.3
C5	11 Aug 2020	1021	3	<2	<2	<2	1.00	19.0	78.73	8.0	33.68	8.3
C5	11 Aug 2020	1021	9	<2	<2	<2	1.00	14.0	85.81	6.0	33.67	8.0
C5	17 Aug 2020	908	1	<2	<2	<2	1.00	22.0	88.50	7.8	33.70	8.2
C5	17 Aug 2020	908	3	<2	<2	<2	1.00	22.0	88.33	7.8	33.70	8.2
C5	17 Aug 2020	908	9	4e	<2	<2	0.50	18.2	87.85	7.0	33.61	8.1
C5	27 Aug 2020	950	1	<2	<2	<2	1.00	19.0	82.01	8.3	33.55	8.2
C5	27 Aug 2020	950	3	<2	<2	<2	1.00	18.9	81.21	8.4	33.55	8.2
C5	27 Aug 2020	950	9	<20	<2	<2	0.10	15.5	83.11	7.5	33.52	8.0
C5	31 Aug 2020	903	1	<20	<2	<2	0.10	18.8	84.61	8.8	33.50	8.2
C5	31 Aug 2020	903	3	<2	<2	<2	1.00	17.6	84.62	8.4	33.50	8.1
C5	31 Aug 2020	903	9	<2	2e	<2	1.00	13.8	88.20	6.9	33.48	8.0
C6	04 Aug 2020	931	1	<20	<2	<2	0.10	18.1	84.58	7.8	33.59	8.2
C6	04 Aug 2020	931	3	<20	<2	<2	0.10	17.1	83.81	7.8	33.70	8.2
C6	04 Aug 2020	931	9	<2	<2	<2	1.00	14.6	86.63	6.6	33.62	8.0
C6	11 Aug 2020	1009	1	<2	<2	<2	1.00	19.1	81.01	8.4	33.66	8.3
C6	11 Aug 2020	1009	3	<2	<2	<2	1.00	19.0	81.60	8.4	33.67	8.3
C6	11 Aug 2020	1009	9	2e	2e	<2	1.00	13.9	86.29	5.7	33.66	8.0
C6	17 Aug 2020	858	1	<2	2e	2e	1.00	22.1	88.94	7.7	33.70	8.2
C6	17 Aug 2020	858	3	<2	<2	<2	1.00	22.0	88.83	7.8	33.70	8.2
C6	17 Aug 2020	858	9	<2	4e	<2	2.00	16.1	85.65	7.4	33.65	8.1
C6	27 Aug 2020	938	1	<20	<2	<2	0.10	19.4	79.95	8.3	33.56	8.2

Station	Date	Time	Depth	Total	Fecal	Entero	F:T	Temp	XMS	DO	Sal	pH
C6	27 Aug 2020	938	3	<20	<2	<2	0.10	18.9	78.27	8.3	33.56	8.2
C6	27 Aug 2020	938	9	2e	<2	<2	1.00	15.7	85.28	7.5	33.51	8.0
C6	31 Aug 2020	852	1	<2	<2	<2	1.00	18.4	84.34	8.8	33.49	8.1
C6	31 Aug 2020	852	3	<2	<2	<2	1.00	15.7	83.77	8.7	33.47	8.1
C6	31 Aug 2020	852	9	2e	<2	<2	1.00	13.8	88.55	7.5	33.46	8.0
C7	04 Aug 2020	854	1	<2	<2	<2	1.00	16.1	79.78	7.4	33.73	8.1
C7	04 Aug 2020	854	12	<2	<2	<2	1.00	12.2	79.10	6.0	33.69	8.0
C7	04 Aug 2020	854	18	<2	<2	<2	1.00	11.8	87.55	5.3	33.68	7.9
C7	11 Aug 2020	935	1	<20	<2	<2	0.10	18.1	82.38	8.1	33.63	8.2
C7	11 Aug 2020	935	12	2e	<2	<2	1.00	12.6	82.80	6.1	33.64	8.0
C7	11 Aug 2020	935	18	6e	<2	<2	0.33	12.1	88.18	5.3	33.62	7.9
C7	17 Aug 2020	829	1	<2	<2	<2	1.00	22.2	21.59	6.4	33.52	8.2
C7	17 Aug 2020	829	12	<2	<2	<2	1.00	16.4	80.09	7.7	NA	8.2
C7	17 Aug 2020	829	18	<2	<2	<2	1.00	13.6	83.32	7.2	NA	8.0
C7	27 Aug 2020	904	1	<20	<2	<2	0.10	19.8	78.06	8.5	33.59	8.2
C7	27 Aug 2020	904	12	2e	<2	<2	1.00	18.3	79.54	8.7	33.53	8.2
C7	27 Aug 2020	904	18	<2	<2	<2	1.00	14.6	85.85	7.6	33.51	8.0
C7	31 Aug 2020	824	1	<2	<2	<2	1.00	16.1	86.20	8.5	33.42	8.1
C7	31 Aug 2020	824	12	26e	<2	<2	0.08	12.9	89.06	6.7	33.51	7.9
C7	31 Aug 2020	824	18	32e	4e	2e	0.12	12.7	90.78	6.4	33.52	7.9
C8	04 Aug 2020	907	1	<2	<2	<2	1.00	17.6	84.53	7.7	33.57	8.1
C8	04 Aug 2020	907	12	<2	<2	<2	1.00	12.8	82.26	6.0	33.64	8.0
C8	04 Aug 2020	907	18	2e	<2	<2	1.00	12.0	88.68	5.2	33.67	7.9
C8	11 Aug 2020	950	1	<2	<2	<2	1.00	17.6	80.40	8.2	33.61	8.2
C8	11 Aug 2020	950	12	6e	<2	<2	0.33	12.7	82.72	6.2	33.64	8.0
C8	11 Aug 2020	950	18	2e	<2	<2	1.00	12.0	89.31	5.2	33.66	7.9
C8	17 Aug 2020	842	1	<2	<2	<2	1.00	22.1	88.54	7.6	33.71	8.2
C8	17 Aug 2020	842	12	<2	<2	<2	1.00	16.1	80.61	8.1	33.61	8.2
C8	17 Aug 2020	842	18	<2	<2	<2	1.00	13.5	81.45	7.2	33.55	8.1
C8	27 Aug 2020	918	1	2e	<2	<2	1.00	19.8	77.86	8.7	33.56	8.2
C8	27 Aug 2020	918	12	<2	<2	<2	1.00	17.7	80.17	8.6	33.52	8.2
C8	27 Aug 2020	918	18	2e	<2	<2	1.00	14.8	85.74	7.4	33.50	8.0
C8	31 Aug 2020	834	1	<2	<2	<2	1.00	16.6	82.98	8.3	33.45	8.1
C8	31 Aug 2020	834	12	18e	2e	<2	0.11	13.0	87.11	6.9	33.50	7.9
C8	31 Aug 2020	834	18	30e	6e	<2	0.20	12.8	90.28	6.5	33.52	7.9

ns = not sampled

ND = no data

Table 3.9

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

Station	Date	Parameter	Value
A1	04 Aug 2020	Depth (m)	18
A1	04 Aug 2020	Arrive Time	802
A1	04 Aug 2020	Depart Time	811
A1	04 Aug 2020	Air Temp (C)	18
A1	04 Aug 2020	Weather	Fog
A1	04 Aug 2020	Visibility (mi)	3
A1	04 Aug 2020	Wind Speed (kts)	5
A1	04 Aug 2020	Wind Dir	SE
A1	04 Aug 2020	Water Color	Greenish-Blue
A1	04 Aug 2020	Wave Ht Low (ft)	3
A1	04 Aug 2020	Wave Period (sec)	7
A1	04 Aug 2020	Sea State	Confused swell
A1	04 Aug 2020	High Tide (ft)	4.23
A1	04 Aug 2020	High Tide Time	1058
A1	04 Aug 2020	Low Tide (ft)	-0.71
A1	04 Aug 2020	Low Tide Time	443
A1	04 Aug 2020	Comments	none
A1	11 Aug 2020	Depth (m)	19
A1	11 Aug 2020	Arrive Time	846
A1	11 Aug 2020	Depart Time	850
A1	11 Aug 2020	Air Temp (C)	18
A1	11 Aug 2020	Weather	Overcast
A1	11 Aug 2020	Visibility (mi)	4
A1	11 Aug 2020	Wind Speed (kts)	8
A1	11 Aug 2020	Wind Dir	NW
A1	11 Aug 2020	Water Color	Green
A1	11 Aug 2020	Wave Ht Low (ft)	3
A1	11 Aug 2020	Wave Period (sec)	13
A1	11 Aug 2020	Sea State	Calm
A1	11 Aug 2020	High Tide (ft)	4.38
A1	11 Aug 2020	High Tide Time	1531
A1	11 Aug 2020	Low Tide (ft)	2.2
A1	11 Aug 2020	Low Tide Time	828
A1	11 Aug 2020	Comments	Kelp
A1	17 Aug 2020	Depth (m)	18
A1	17 Aug 2020	Arrive Time	746
A1	17 Aug 2020	Depart Time	753
A1	17 Aug 2020	Air Temp (C)	21
A1	17 Aug 2020	Weather	Cloudy
A1	17 Aug 2020	Visibility (mi)	5
A1	17 Aug 2020	Wind Speed (kts)	4
A1	17 Aug 2020	Wind Dir	SW
A1	17 Aug 2020	Water Color	Greenish-Blue
A1	17 Aug 2020	Wave Ht Low (ft)	2
A1	17 Aug 2020	Wave Period (sec)	9
A1	17 Aug 2020	Sea State	Calm
A1	17 Aug 2020	High Tide (ft)	4.16
A1	17 Aug 2020	High Tide Time	923
A1	17 Aug 2020	Low Tide (ft)	1.82
A1	17 Aug 2020	Low Tide Time	1430
A1	17 Aug 2020	Comments	none
A1	27 Aug 2020	Depth (m)	18
A1	27 Aug 2020	Arrive Time	748

Station	Date	Parameter	Value
A1	27 Aug 2020	Depart Time	755
A1	27 Aug 2020	Air Temp (C)	20
A1	27 Aug 2020	Weather	Overcast
A1	27 Aug 2020	Visibility (mi)	3
A1	27 Aug 2020	Wind Speed (kts)	5
A1	27 Aug 2020	Wind Dir	NW
A1	27 Aug 2020	Water Color	Green
A1	27 Aug 2020	Wave Ht Low (ft)	1
A1	27 Aug 2020	Wave Period (sec)	11
A1	27 Aug 2020	Sea State	Calm
A1	27 Aug 2020	High Tide (ft)	3.48
A1	27 Aug 2020	High Tide Time	654
A1	27 Aug 2020	Low Tide (ft)	2.62
A1	27 Aug 2020	Low Tide Time	1117
A1	27 Aug 2020	Comments	none
A1	31 Aug 2020	Depth (m)	19
A1	31 Aug 2020	Arrive Time	745
A1	31 Aug 2020	Depart Time	748
A1	31 Aug 2020	Air Temp (C)	19
A1	31 Aug 2020	Weather	Cloudy
A1	31 Aug 2020	Visibility (mi)	6
A1	31 Aug 2020	Wind Speed (kts)	2
A1	31 Aug 2020	Wind Dir	N
A1	31 Aug 2020	Water Color	Green
A1	31 Aug 2020	Wave Ht Low (ft)	3
A1	31 Aug 2020	Wave Period (sec)	13
A1	31 Aug 2020	Sea State	Light chop
A1	31 Aug 2020	High Tide (ft)	4.47
A1	31 Aug 2020	High Tide Time	926
A1	31 Aug 2020	Low Tide (ft)	1.64
A1	31 Aug 2020	Low Tide Time	1450
A1	31 Aug 2020	Comments	none
A6	04 Aug 2020	Depth (m)	20
A6	04 Aug 2020	Arrive Time	834
A6	04 Aug 2020	Depart Time	843
A6	04 Aug 2020	Air Temp (C)	18
A6	04 Aug 2020	Weather	Fog
A6	04 Aug 2020	Visibility (mi)	3
A6	04 Aug 2020	Wind Speed (kts)	6
A6	04 Aug 2020	Wind Dir	SE
A6	04 Aug 2020	Water Color	Greenish-Blue
A6	04 Aug 2020	Wave Ht Low (ft)	3
A6	04 Aug 2020	Wave Period (sec)	7
A6	04 Aug 2020	Sea State	Confused swell
A6	04 Aug 2020	High Tide (ft)	4.23
A6	04 Aug 2020	High Tide Time	1058
A6	04 Aug 2020	Low Tide (ft)	-0.71
A6	04 Aug 2020	Low Tide Time	443
A6	04 Aug 2020	Comments	none
A6	11 Aug 2020	Depth (m)	18
A6	11 Aug 2020	Arrive Time	916
A6	11 Aug 2020	Depart Time	923
A6	11 Aug 2020	Air Temp (C)	18
A6	11 Aug 2020	Weather	Overcast
A6	11 Aug 2020	Visibility (mi)	4
A6	11 Aug 2020	Wind Speed (kts)	5
A6	11 Aug 2020	Wind Dir	NW
A6	11 Aug 2020	Water Color	Green

Station	Date	Parameter	Value
A6	11 Aug 2020	Wave Ht Low (ft)	3
A6	11 Aug 2020	Wave Period (sec)	13
A6	11 Aug 2020	Sea State	Calm
A6	11 Aug 2020	High Tide (ft)	4.38
A6	11 Aug 2020	High Tide Time	1531
A6	11 Aug 2020	Low Tide (ft)	2.2
A6	11 Aug 2020	Low Tide Time	828
A6	11 Aug 2020	Comments	Kelp
A6	17 Aug 2020	Depth (m)	18
A6	17 Aug 2020	Arrive Time	815
A6	17 Aug 2020	Depart Time	821
A6	17 Aug 2020	Air Temp (C)	21
A6	17 Aug 2020	Weather	Cloudy
A6	17 Aug 2020	Visibility (mi)	3
A6	17 Aug 2020	Wind Speed (kts)	4
A6	17 Aug 2020	Wind Dir	SW
A6	17 Aug 2020	Water Color	Greenish-Blue
A6	17 Aug 2020	Wave Ht Low (ft)	2
A6	17 Aug 2020	Wave Period (sec)	9
A6	17 Aug 2020	Sea State	Calm
A6	17 Aug 2020	High Tide (ft)	4.16
A6	17 Aug 2020	High Tide Time	923
A6	17 Aug 2020	Low Tide (ft)	1.82
A6	17 Aug 2020	Low Tide Time	1430
A6	17 Aug 2020	Comments	none
A6	27 Aug 2020	Depth (m)	18
A6	27 Aug 2020	Arrive Time	837
A6	27 Aug 2020	Depart Time	844
A6	27 Aug 2020	Air Temp (C)	20
A6	27 Aug 2020	Weather	Fog
A6	27 Aug 2020	Visibility (mi)	1
A6	27 Aug 2020	Wind Speed (kts)	7
A6	27 Aug 2020	Wind Dir	NW
A6	27 Aug 2020	Water Color	Green
A6	27 Aug 2020	Wave Ht Low (ft)	1
A6	27 Aug 2020	Wave Period (sec)	11
A6	27 Aug 2020	Sea State	Calm
A6	27 Aug 2020	High Tide (ft)	3.48
A6	27 Aug 2020	High Tide Time	654
A6	27 Aug 2020	Low Tide (ft)	2.62
A6	27 Aug 2020	Low Tide Time	1117
A6	27 Aug 2020	Comments	none
A6	31 Aug 2020	Depth (m)	20
A6	31 Aug 2020	Arrive Time	812
A6	31 Aug 2020	Depart Time	814
A6	31 Aug 2020	Air Temp (C)	19
A6	31 Aug 2020	Weather	Cloudy
A6	31 Aug 2020	Visibility (mi)	6
A6	31 Aug 2020	Wind Speed (kts)	4
A6	31 Aug 2020	Wind Dir	N
A6	31 Aug 2020	Water Color	Green
A6	31 Aug 2020	Wave Ht Low (ft)	2
A6	31 Aug 2020	Wave Period (sec)	13
A6	31 Aug 2020	Sea State	Light chop
A6	31 Aug 2020	High Tide (ft)	4.47
A6	31 Aug 2020	High Tide Time	926
A6	31 Aug 2020	Low Tide (ft)	1.64
A6	31 Aug 2020	Low Tide Time	1450

Station	Date	Parameter	Value
A6	31 Aug 2020	Comments	none
A7	04 Aug 2020	Depth (m)	18
A7	04 Aug 2020	Arrive Time	821
A7	04 Aug 2020	Depart Time	825
A7	04 Aug 2020	Air Temp (C)	18
A7	04 Aug 2020	Weather	Fog
A7	04 Aug 2020	Visibility (mi)	3
A7	04 Aug 2020	Wind Speed (kts)	6
A7	04 Aug 2020	Wind Dir	SE
A7	04 Aug 2020	Water Color	Greenish-Blue
A7	04 Aug 2020	Wave Ht Low (ft)	3
A7	04 Aug 2020	Wave Period (sec)	7
A7	04 Aug 2020	Sea State	Confused swell
A7	04 Aug 2020	High Tide (ft)	4.23
A7	04 Aug 2020	High Tide Time	1058
A7	04 Aug 2020	Low Tide (ft)	-0.71
A7	04 Aug 2020	Low Tide Time	443
A7	04 Aug 2020	Comments	none
A7	11 Aug 2020	Depth (m)	19
A7	11 Aug 2020	Arrive Time	900
A7	11 Aug 2020	Depart Time	905
A7	11 Aug 2020	Air Temp (C)	18
A7	11 Aug 2020	Weather	Overcast
A7	11 Aug 2020	Visibility (mi)	4
A7	11 Aug 2020	Wind Speed (kts)	6
A7	11 Aug 2020	Wind Dir	W
A7	11 Aug 2020	Water Color	Green
A7	11 Aug 2020	Wave Ht Low (ft)	3
A7	11 Aug 2020	Wave Period (sec)	13
A7	11 Aug 2020	Sea State	Calm
A7	11 Aug 2020	High Tide (ft)	4.38
A7	11 Aug 2020	High Tide Time	1531
A7	11 Aug 2020	Low Tide (ft)	2.2
A7	11 Aug 2020	Low Tide Time	828
A7	11 Aug 2020	Comments	Kelp
A7	17 Aug 2020	Depth (m)	18
A7	17 Aug 2020	Arrive Time	801
A7	17 Aug 2020	Depart Time	808
A7	17 Aug 2020	Air Temp (C)	21
A7	17 Aug 2020	Weather	Cloudy
A7	17 Aug 2020	Visibility (mi)	5
A7	17 Aug 2020	Wind Speed (kts)	2
A7	17 Aug 2020	Wind Dir	NW
A7	17 Aug 2020	Water Color	Greenish-Blue
A7	17 Aug 2020	Wave Ht Low (ft)	2
A7	17 Aug 2020	Wave Period (sec)	9
A7	17 Aug 2020	Sea State	Calm
A7	17 Aug 2020	High Tide (ft)	4.16
A7	17 Aug 2020	High Tide Time	923
A7	17 Aug 2020	Low Tide (ft)	1.82
A7	17 Aug 2020	Low Tide Time	1430
A7	17 Aug 2020	Comments	none
A7	27 Aug 2020	Depth (m)	18
A7	27 Aug 2020	Arrive Time	803
A7	27 Aug 2020	Depart Time	827
A7	27 Aug 2020	Air Temp (C)	20
A7	27 Aug 2020	Weather	Overcast

Station	Date	Parameter	Value
A7	27 Aug 2020	Visibility (mi)	3
A7	27 Aug 2020	Wind Speed (kts)	4
A7	27 Aug 2020	Wind Dir	NW
A7	27 Aug 2020	Water Color	Green
A7	27 Aug 2020	Wave Ht Low (ft)	1
A7	27 Aug 2020	Wave Period (sec)	11
A7	27 Aug 2020	Sea State	Calm
A7	27 Aug 2020	High Tide (ft)	3.48
A7	27 Aug 2020	High Tide Time	654
A7	27 Aug 2020	Low Tide (ft)	2.62
A7	27 Aug 2020	Low Tide Time	1117
A7	27 Aug 2020	Comments	none
A7	31 Aug 2020	Depth (m)	19
A7	31 Aug 2020	Arrive Time	758
A7	31 Aug 2020	Depart Time	803
A7	31 Aug 2020	Air Temp (C)	19
A7	31 Aug 2020	Weather	Cloudy
A7	31 Aug 2020	Visibility (mi)	6
A7	31 Aug 2020	Wind Speed (kts)	1
A7	31 Aug 2020	Wind Dir	W
A7	31 Aug 2020	Water Color	Green
A7	31 Aug 2020	Wave Ht Low (ft)	2
A7	31 Aug 2020	Wave Period (sec)	13
A7	31 Aug 2020	Sea State	Light chop
A7	31 Aug 2020	High Tide (ft)	4.47
A7	31 Aug 2020	High Tide Time	926
A7	31 Aug 2020	Low Tide (ft)	1.64
A7	31 Aug 2020	Low Tide Time	1450
A7	31 Aug 2020	Comments	none
C4	04 Aug 2020	Depth (m)	10
C4	04 Aug 2020	Arrive Time	1000
C4	04 Aug 2020	Depart Time	1006
C4	04 Aug 2020	Air Temp (C)	18
C4	04 Aug 2020	Weather	Continuous layer of clouds
C4	04 Aug 2020	Visibility (mi)	3
C4	04 Aug 2020	Wind Speed (kts)	5
C4	04 Aug 2020	Wind Dir	SE
C4	04 Aug 2020	Water Color	Green
C4	04 Aug 2020	Wave Ht Low (ft)	2
C4	04 Aug 2020	Wave Period (sec)	9
C4	04 Aug 2020	Sea State	Confused swell
C4	04 Aug 2020	High Tide (ft)	4.23
C4	04 Aug 2020	High Tide Time	1058
C4	04 Aug 2020	Low Tide (ft)	-0.71
C4	04 Aug 2020	Low Tide Time	443
C4	04 Aug 2020	Comments	Kelp debris
C4	11 Aug 2020	Depth (m)	10
C4	11 Aug 2020	Arrive Time	1031
C4	11 Aug 2020	Depart Time	1035
C4	11 Aug 2020	Air Temp (C)	19
C4	11 Aug 2020	Weather	Overcast
C4	11 Aug 2020	Visibility (mi)	8
C4	11 Aug 2020	Wind Speed (kts)	5
C4	11 Aug 2020	Wind Dir	W
C4	11 Aug 2020	Water Color	Green
C4	11 Aug 2020	Wave Ht Low (ft)	3
C4	11 Aug 2020	Wave Period (sec)	13
C4	11 Aug 2020	Sea State	Calm

Station	Date	Parameter	Value
C4	11 Aug 2020	High Tide (ft)	4.38
C4	11 Aug 2020	High Tide Time	1531
C4	11 Aug 2020	Low Tide (ft)	2.2
C4	11 Aug 2020	Low Tide Time	828
C4	11 Aug 2020	Comments	Kelp
C4	17 Aug 2020	Depth (m)	9
C4	17 Aug 2020	Arrive Time	917
C4	17 Aug 2020	Depart Time	921
C4	17 Aug 2020	Air Temp (C)	22
C4	17 Aug 2020	Weather	Cloudy
C4	17 Aug 2020	Visibility (mi)	3
C4	17 Aug 2020	Wind Speed (kts)	1
C4	17 Aug 2020	Wind Dir	E
C4	17 Aug 2020	Water Color	Greenish-Blue
C4	17 Aug 2020	Wave Ht Low (ft)	2
C4	17 Aug 2020	Wave Period (sec)	9
C4	17 Aug 2020	Sea State	Calm
C4	17 Aug 2020	High Tide (ft)	4.16
C4	17 Aug 2020	High Tide Time	923
C4	17 Aug 2020	Low Tide (ft)	1.82
C4	17 Aug 2020	Low Tide Time	1430
C4	17 Aug 2020	Comments	none
C4	27 Aug 2020	Depth (m)	9
C4	27 Aug 2020	Arrive Time	1003
C4	27 Aug 2020	Depart Time	1009
C4	27 Aug 2020	Air Temp (C)	19
C4	27 Aug 2020	Weather	Fog
C4	27 Aug 2020	Visibility (mi)	< 1
C4	27 Aug 2020	Wind Speed (kts)	13
C4	27 Aug 2020	Wind Dir	W
C4	27 Aug 2020	Water Color	Green
C4	27 Aug 2020	Wave Ht Low (ft)	2
C4	27 Aug 2020	Wave Period (sec)	11
C4	27 Aug 2020	Sea State	Calm
C4	27 Aug 2020	High Tide (ft)	3.48
C4	27 Aug 2020	High Tide Time	654
C4	27 Aug 2020	Low Tide (ft)	2.62
C4	27 Aug 2020	Low Tide Time	1117
C4	27 Aug 2020	Comments	none
C4	31 Aug 2020	Depth (m)	11
C4	31 Aug 2020	Arrive Time	912
C4	31 Aug 2020	Depart Time	916
C4	31 Aug 2020	Air Temp (C)	19
C4	31 Aug 2020	Weather	Cloudy
C4	31 Aug 2020	Visibility (mi)	6
C4	31 Aug 2020	Wind Speed (kts)	1
C4	31 Aug 2020	Wind Dir	SW
C4	31 Aug 2020	Water Color	Green
C4	31 Aug 2020	Wave Ht Low (ft)	2
C4	31 Aug 2020	Wave Period (sec)	13
C4	31 Aug 2020	Sea State	Light chop
C4	31 Aug 2020	High Tide (ft)	4.47
C4	31 Aug 2020	High Tide Time	926
C4	31 Aug 2020	Low Tide (ft)	1.64
C4	31 Aug 2020	Low Tide Time	1450
C4	31 Aug 2020	Comments	none
C5	04 Aug 2020	Depth (m)	9

Station	Date	Parameter	Value
C5	04 Aug 2020	Arrive Time	947
C5	04 Aug 2020	Depart Time	950
C5	04 Aug 2020	Air Temp (C)	18
C5	04 Aug 2020	Weather	Continuous layer of clouds
C5	04 Aug 2020	Visibility (mi)	3
C5	04 Aug 2020	Wind Speed (kts)	4
C5	04 Aug 2020	Wind Dir	SE
C5	04 Aug 2020	Water Color	Green
C5	04 Aug 2020	Wave Ht Low (ft)	2
C5	04 Aug 2020	Wave Period (sec)	9
C5	04 Aug 2020	Sea State	Confused swell
C5	04 Aug 2020	High Tide (ft)	4.23
C5	04 Aug 2020	High Tide Time	1058
C5	04 Aug 2020	Low Tide (ft)	-0.71
C5	04 Aug 2020	Low Tide Time	443
C5	04 Aug 2020	Comments	none
C5	11 Aug 2020	Depth (m)	10
C5	11 Aug 2020	Arrive Time	1021
C5	11 Aug 2020	Depart Time	1024
C5	11 Aug 2020	Air Temp (C)	19
C5	11 Aug 2020	Weather	Overcast
C5	11 Aug 2020	Visibility (mi)	4
C5	11 Aug 2020	Wind Speed (kts)	4
C5	11 Aug 2020	Wind Dir	W
C5	11 Aug 2020	Water Color	Green
C5	11 Aug 2020	Wave Ht Low (ft)	3
C5	11 Aug 2020	Wave Period (sec)	13
C5	11 Aug 2020	Sea State	Calm
C5	11 Aug 2020	High Tide (ft)	4.38
C5	11 Aug 2020	High Tide Time	1531
C5	11 Aug 2020	Low Tide (ft)	2.2
C5	11 Aug 2020	Low Tide Time	828
C5	11 Aug 2020	Comments	Kelp
C5	17 Aug 2020	Depth (m)	9
C5	17 Aug 2020	Arrive Time	908
C5	17 Aug 2020	Depart Time	912
C5	17 Aug 2020	Air Temp (C)	22
C5	17 Aug 2020	Weather	Cloudy
C5	17 Aug 2020	Visibility (mi)	3
C5	17 Aug 2020	Wind Speed (kts)	7
C5	17 Aug 2020	Wind Dir	SE
C5	17 Aug 2020	Water Color	Greenish-Blue
C5	17 Aug 2020	Wave Ht Low (ft)	2
C5	17 Aug 2020	Wave Period (sec)	9
C5	17 Aug 2020	Sea State	Calm
C5	17 Aug 2020	High Tide (ft)	4.16
C5	17 Aug 2020	High Tide Time	923
C5	17 Aug 2020	Low Tide (ft)	1.82
C5	17 Aug 2020	Low Tide Time	1430
C5	17 Aug 2020	Comments	none
C5	27 Aug 2020	Depth (m)	9
C5	27 Aug 2020	Arrive Time	950
C5	27 Aug 2020	Depart Time	953
C5	27 Aug 2020	Air Temp (C)	20
C5	27 Aug 2020	Weather	Fog
C5	27 Aug 2020	Visibility (mi)	1
C5	27 Aug 2020	Wind Speed (kts)	10
C5	27 Aug 2020	Wind Dir	NW

Station	Date	Parameter	Value
C5	27 Aug 2020	Water Color	Green
C5	27 Aug 2020	Wave Ht Low (ft)	2
C5	27 Aug 2020	Wave Period (sec)	11
C5	27 Aug 2020	Sea State	Calm
C5	27 Aug 2020	High Tide (ft)	3.48
C5	27 Aug 2020	High Tide Time	654
C5	27 Aug 2020	Low Tide (ft)	2.62
C5	27 Aug 2020	Low Tide Time	1117
C5	27 Aug 2020	Comments	none
C5	31 Aug 2020	Depth (m)	11
C5	31 Aug 2020	Arrive Time	903
C5	31 Aug 2020	Depart Time	905
C5	31 Aug 2020	Air Temp (C)	19
C5	31 Aug 2020	Weather	Cloudy
C5	31 Aug 2020	Visibility (mi)	6
C5	31 Aug 2020	Wind Speed (kts)	3
C5	31 Aug 2020	Wind Dir	N
C5	31 Aug 2020	Water Color	Green
C5	31 Aug 2020	Wave Ht Low (ft)	2
C5	31 Aug 2020	Wave Period (sec)	13
C5	31 Aug 2020	Sea State	Light chop
C5	31 Aug 2020	High Tide (ft)	4.47
C5	31 Aug 2020	High Tide Time	926
C5	31 Aug 2020	Low Tide (ft)	1.64
C5	31 Aug 2020	Low Tide Time	1450
C5	31 Aug 2020	Comments	none
C6	04 Aug 2020	Depth (m)	9
C6	04 Aug 2020	Arrive Time	931
C6	04 Aug 2020	Depart Time	936
C6	04 Aug 2020	Air Temp (C)	18
C6	04 Aug 2020	Weather	Continuous layer of clouds
C6	04 Aug 2020	Visibility (mi)	3
C6	04 Aug 2020	Wind Speed (kts)	6
C6	04 Aug 2020	Wind Dir	SE
C6	04 Aug 2020	Water Color	Green
C6	04 Aug 2020	Wave Ht Low (ft)	2
C6	04 Aug 2020	Wave Period (sec)	9
C6	04 Aug 2020	Sea State	Confused swell
C6	04 Aug 2020	High Tide (ft)	4.23
C6	04 Aug 2020	High Tide Time	1058
C6	04 Aug 2020	Low Tide (ft)	-0.71
C6	04 Aug 2020	Low Tide Time	443
C6	04 Aug 2020	Comments	none
C6	11 Aug 2020	Depth (m)	10
C6	11 Aug 2020	Arrive Time	1009
C6	11 Aug 2020	Depart Time	1012
C6	11 Aug 2020	Air Temp (C)	18
C6	11 Aug 2020	Weather	Overcast
C6	11 Aug 2020	Visibility (mi)	4
C6	11 Aug 2020	Wind Speed (kts)	9
C6	11 Aug 2020	Wind Dir	NW
C6	11 Aug 2020	Water Color	Green
C6	11 Aug 2020	Wave Ht Low (ft)	3
C6	11 Aug 2020	Wave Period (sec)	13
C6	11 Aug 2020	Sea State	Calm
C6	11 Aug 2020	High Tide (ft)	4.38
C6	11 Aug 2020	High Tide Time	1531
C6	11 Aug 2020	Low Tide (ft)	2.2

Station	Date	Parameter	Value
C6	11 Aug 2020	Low Tide Time	828
C6	11 Aug 2020	Comments	none
C6	17 Aug 2020	Depth (m)	9
C6	17 Aug 2020	Arrive Time	858
C6	17 Aug 2020	Depart Time	902
C6	17 Aug 2020	Air Temp (C)	21
C6	17 Aug 2020	Weather	Cloudy
C6	17 Aug 2020	Visibility (mi)	3
C6	17 Aug 2020	Wind Speed (kts)	1
C6	17 Aug 2020	Wind Dir	SE
C6	17 Aug 2020	Water Color	Greenish-Blue
C6	17 Aug 2020	Wave Ht Low (ft)	2
C6	17 Aug 2020	Wave Period (sec)	9
C6	17 Aug 2020	Sea State	Calm
C6	17 Aug 2020	High Tide (ft)	4.16
C6	17 Aug 2020	High Tide Time	923
C6	17 Aug 2020	Low Tide (ft)	1.82
C6	17 Aug 2020	Low Tide Time	1430
C6	17 Aug 2020	Comments	none
C6	27 Aug 2020	Depth (m)	9
C6	27 Aug 2020	Arrive Time	938
C6	27 Aug 2020	Depart Time	944
C6	27 Aug 2020	Air Temp (C)	20
C6	27 Aug 2020	Weather	Fog
C6	27 Aug 2020	Visibility (mi)	1
C6	27 Aug 2020	Wind Speed (kts)	2
C6	27 Aug 2020	Wind Dir	NW
C6	27 Aug 2020	Water Color	Green
C6	27 Aug 2020	Wave Ht Low (ft)	2
C6	27 Aug 2020	Wave Period (sec)	11
C6	27 Aug 2020	Sea State	Calm
C6	27 Aug 2020	High Tide (ft)	3.48
C6	27 Aug 2020	High Tide Time	654
C6	27 Aug 2020	Low Tide (ft)	2.62
C6	27 Aug 2020	Low Tide Time	1117
C6	27 Aug 2020	Comments	none
C6	31 Aug 2020	Depth (m)	10
C6	31 Aug 2020	Arrive Time	852
C6	31 Aug 2020	Depart Time	855
C6	31 Aug 2020	Air Temp (C)	19
C6	31 Aug 2020	Weather	Cloudy
C6	31 Aug 2020	Visibility (mi)	6
C6	31 Aug 2020	Wind Speed (kts)	0
C6	31 Aug 2020	Wind Dir	
C6	31 Aug 2020	Water Color	Green
C6	31 Aug 2020	Wave Ht Low (ft)	2
C6	31 Aug 2020	Wave Period (sec)	13
C6	31 Aug 2020	Sea State	Light chop
C6	31 Aug 2020	High Tide (ft)	4.47
C6	31 Aug 2020	High Tide Time	926
C6	31 Aug 2020	Low Tide (ft)	1.64
C6	31 Aug 2020	Low Tide Time	1450
C6	31 Aug 2020	Comments	none
C7	04 Aug 2020	Depth (m)	18
C7	04 Aug 2020	Arrive Time	854
C7	04 Aug 2020	Depart Time	857
C7	04 Aug 2020	Air Temp (C)	18

Station	Date	Parameter	Value
C7	04 Aug 2020	Weather	Continuous layer of clouds
C7	04 Aug 2020	Visibility (mi)	3
C7	04 Aug 2020	Wind Speed (kts)	7
C7	04 Aug 2020	Wind Dir	SE
C7	04 Aug 2020	Water Color	Green
C7	04 Aug 2020	Wave Ht Low (ft)	2
C7	04 Aug 2020	Wave Period (sec)	9
C7	04 Aug 2020	Sea State	Confused swell
C7	04 Aug 2020	High Tide (ft)	4.23
C7	04 Aug 2020	High Tide Time	1058
C7	04 Aug 2020	Low Tide (ft)	-0.71
C7	04 Aug 2020	Low Tide Time	443
C7	04 Aug 2020	Comments	none
C7	11 Aug 2020	Depth (m)	18
C7	11 Aug 2020	Arrive Time	935
C7	11 Aug 2020	Depart Time	943
C7	11 Aug 2020	Air Temp (C)	18
C7	11 Aug 2020	Weather	Overcast
C7	11 Aug 2020	Visibility (mi)	4
C7	11 Aug 2020	Wind Speed (kts)	6
C7	11 Aug 2020	Wind Dir	W
C7	11 Aug 2020	Water Color	Green
C7	11 Aug 2020	Wave Ht Low (ft)	3
C7	11 Aug 2020	Wave Period (sec)	13
C7	11 Aug 2020	Sea State	Calm
C7	11 Aug 2020	High Tide (ft)	4.38
C7	11 Aug 2020	High Tide Time	1531
C7	11 Aug 2020	Low Tide (ft)	2.2
C7	11 Aug 2020	Low Tide Time	828
C7	11 Aug 2020	Comments	none
C7	17 Aug 2020	Depth (m)	18
C7	17 Aug 2020	Arrive Time	829
C7	17 Aug 2020	Depart Time	836
C7	17 Aug 2020	Air Temp (C)	21
C7	17 Aug 2020	Weather	Cloudy
C7	17 Aug 2020	Visibility (mi)	3
C7	17 Aug 2020	Wind Speed (kts)	1
C7	17 Aug 2020	Wind Dir	NW
C7	17 Aug 2020	Water Color	Greenish-Blue
C7	17 Aug 2020	Wave Ht Low (ft)	2
C7	17 Aug 2020	Wave Period (sec)	9
C7	17 Aug 2020	Sea State	Calm
C7	17 Aug 2020	High Tide (ft)	4.16
C7	17 Aug 2020	High Tide Time	923
C7	17 Aug 2020	Low Tide (ft)	1.82
C7	17 Aug 2020	Low Tide Time	1430
C7	17 Aug 2020	Comments	none
C7	27 Aug 2020	Depth (m)	18
C7	27 Aug 2020	Arrive Time	904
C7	27 Aug 2020	Depart Time	907
C7	27 Aug 2020	Air Temp (C)	20
C7	27 Aug 2020	Weather	Fog
C7	27 Aug 2020	Visibility (mi)	1
C7	27 Aug 2020	Wind Speed (kts)	6
C7	27 Aug 2020	Wind Dir	NW
C7	27 Aug 2020	Water Color	Green
C7	27 Aug 2020	Wave Ht Low (ft)	1
C7	27 Aug 2020	Wave Period (sec)	11

Station	Date	Parameter	Value
C7	27 Aug 2020	Sea State	Calm
C7	27 Aug 2020	High Tide (ft)	3.48
C7	27 Aug 2020	High Tide Time	654
C7	27 Aug 2020	Low Tide (ft)	2.62
C7	27 Aug 2020	Low Tide Time	1117
C7	27 Aug 2020	Comments	none
C7	31 Aug 2020	Depth (m)	18
C7	31 Aug 2020	Arrive Time	824
C7	31 Aug 2020	Depart Time	826
C7	31 Aug 2020	Air Temp (C)	19
C7	31 Aug 2020	Weather	Cloudy
C7	31 Aug 2020	Visibility (mi)	6
C7	31 Aug 2020	Wind Speed (kts)	1
C7	31 Aug 2020	Wind Dir	NW
C7	31 Aug 2020	Water Color	Green
C7	31 Aug 2020	Wave Ht Low (ft)	2
C7	31 Aug 2020	Wave Period (sec)	13
C7	31 Aug 2020	Sea State	Light chop
C7	31 Aug 2020	High Tide (ft)	4.47
C7	31 Aug 2020	High Tide Time	926
C7	31 Aug 2020	Low Tide (ft)	1.64
C7	31 Aug 2020	Low Tide Time	1450
C7	31 Aug 2020	Comments	none
C8	04 Aug 2020	Depth (m)	18
C8	04 Aug 2020	Arrive Time	907
C8	04 Aug 2020	Depart Time	912
C8	04 Aug 2020	Air Temp (C)	18
C8	04 Aug 2020	Weather	Continuous layer of clouds
C8	04 Aug 2020	Visibility (mi)	3
C8	04 Aug 2020	Wind Speed (kts)	8
C8	04 Aug 2020	Wind Dir	S
C8	04 Aug 2020	Water Color	Green
C8	04 Aug 2020	Wave Ht Low (ft)	2
C8	04 Aug 2020	Wave Period (sec)	9
C8	04 Aug 2020	Sea State	Confused swell
C8	04 Aug 2020	High Tide (ft)	4.23
C8	04 Aug 2020	High Tide Time	1058
C8	04 Aug 2020	Low Tide (ft)	-0.71
C8	04 Aug 2020	Low Tide Time	443
C8	04 Aug 2020	Comments	none
C8	11 Aug 2020	Depth (m)	19
C8	11 Aug 2020	Arrive Time	950
C8	11 Aug 2020	Depart Time	958
C8	11 Aug 2020	Air Temp (C)	18
C8	11 Aug 2020	Weather	Overcast
C8	11 Aug 2020	Visibility (mi)	4
C8	11 Aug 2020	Wind Speed (kts)	10
C8	11 Aug 2020	Wind Dir	N
C8	11 Aug 2020	Water Color	Green
C8	11 Aug 2020	Wave Ht Low (ft)	3
C8	11 Aug 2020	Wave Period (sec)	13
C8	11 Aug 2020	Sea State	Calm
C8	11 Aug 2020	High Tide (ft)	4.38
C8	11 Aug 2020	High Tide Time	1531
C8	11 Aug 2020	Low Tide (ft)	2.2
C8	11 Aug 2020	Low Tide Time	828
C8	11 Aug 2020	Comments	none

Station	Date	Parameter	Value
C8	17 Aug 2020	Depth (m)	18
C8	17 Aug 2020	Arrive Time	842
C8	17 Aug 2020	Depart Time	847
C8	17 Aug 2020	Air Temp (C)	21
C8	17 Aug 2020	Weather	Cloudy
C8	17 Aug 2020	Visibility (mi)	3
C8	17 Aug 2020	Wind Speed (kts)	3
C8	17 Aug 2020	Wind Dir	W
C8	17 Aug 2020	Water Color	Greenish-Blue
C8	17 Aug 2020	Wave Ht Low (ft)	2
C8	17 Aug 2020	Wave Period (sec)	9
C8	17 Aug 2020	Sea State	Calm
C8	17 Aug 2020	High Tide (ft)	4.16
C8	17 Aug 2020	High Tide Time	923
C8	17 Aug 2020	Low Tide (ft)	1.82
C8	17 Aug 2020	Low Tide Time	1430
C8	17 Aug 2020	Comments	none
C8	27 Aug 2020	Depth (m)	18
C8	27 Aug 2020	Arrive Time	918
C8	27 Aug 2020	Depart Time	928
C8	27 Aug 2020	Air Temp (C)	19
C8	27 Aug 2020	Weather	Fog
C8	27 Aug 2020	Visibility (mi)	1
C8	27 Aug 2020	Wind Speed (kts)	9
C8	27 Aug 2020	Wind Dir	W
C8	27 Aug 2020	Water Color	Green
C8	27 Aug 2020	Wave Ht Low (ft)	1
C8	27 Aug 2020	Wave Period (sec)	11
C8	27 Aug 2020	Sea State	Calm
C8	27 Aug 2020	High Tide (ft)	3.48
C8	27 Aug 2020	High Tide Time	654
C8	27 Aug 2020	Low Tide (ft)	2.62
C8	27 Aug 2020	Low Tide Time	1117
C8	27 Aug 2020	Comments	none
C8	31 Aug 2020	Depth (m)	20
C8	31 Aug 2020	Arrive Time	834
C8	31 Aug 2020	Depart Time	837
C8	31 Aug 2020	Air Temp (C)	19
C8	31 Aug 2020	Weather	Cloudy
C8	31 Aug 2020	Visibility (mi)	6
C8	31 Aug 2020	Wind Speed (kts)	0
C8	31 Aug 2020	Wind Dir	
C8	31 Aug 2020	Water Color	Green
C8	31 Aug 2020	Wave Ht Low (ft)	2
C8	31 Aug 2020	Wave Period (sec)	13
C8	31 Aug 2020	Sea State	Light chop
C8	31 Aug 2020	High Tide (ft)	4.47
C8	31 Aug 2020	High Tide Time	926
C8	31 Aug 2020	Low Tide (ft)	1.64
C8	31 Aug 2020	Low Tide Time	1450
C8	31 Aug 2020	Comments	none

Table 3.10

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

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
A1	04 Aug 2020	1	17.32	83.05	7.8	33.55	8.1	24.3	2.69
A1	04 Aug 2020	2	17.34	83.08	7.7	33.57	8.1	24.3	2.57
A1	04 Aug 2020	3	17.29	82.78	7.7	33.59	8.1	24.4	2.60
A1	04 Aug 2020	4	16.59	81.44	7.8	33.76	8.1	24.7	2.75
A1	04 Aug 2020	5	16.18	79.80	7.7	33.66	8.1	24.7	2.72
A1	04 Aug 2020	6	16.07	78.26	7.7	33.64	8.1	24.7	2.87
A1	04 Aug 2020	7	15.73	77.19	7.6	33.67	8.1	24.8	3.11
A1	04 Aug 2020	8	15.44	76.73	7.6	33.67	8.1	24.9	3.66
A1	04 Aug 2020	9	14.38	75.55	7.3	33.80	8.1	25.2	4.07
A1	04 Aug 2020	10	14.22	75.08	6.9	33.66	8.0	25.1	4.86
A1	04 Aug 2020	11	13.55	77.04	6.5	33.69	8.0	25.3	5.69
A1	04 Aug 2020	12	13.32	78.43	6.1	33.69	8.0	25.3	5.91
A1	04 Aug 2020	13	13.13	80.56	5.8	33.67	7.9	25.3	5.64
A1	04 Aug 2020	14	13.01	79.86	5.7	33.67	7.9	25.4	4.94
A1	04 Aug 2020	15	12.74	80.38	5.6	33.66	7.9	25.4	4.84
A1	04 Aug 2020	16	12.64	80.42	5.7	33.65	7.9	25.4	4.60
A1	04 Aug 2020	17	12.55	79.20	5.7	33.64	7.9	25.4	4.34
A1	04 Aug 2020	18	12.57	79.19	5.8	33.63	7.9	25.4	4.90
A1	11 Aug 2020	1	17.83	78.37	8.4	33.63	8.2	24.3	3.08
A1	11 Aug 2020	2	17.86	78.45	8.4	33.64	8.2	24.3	3.17
A1	11 Aug 2020	3	17.50	78.09	8.3	33.70	8.2	24.4	3.23
A1	11 Aug 2020	4	16.22	76.46	8.2	33.70	8.2	24.7	3.57
A1	11 Aug 2020	5	15.90	74.32	8.1	33.64	8.2	24.7	4.76
A1	11 Aug 2020	6	15.60	72.51	7.9	33.63	8.1	24.8	6.10
A1	11 Aug 2020	7	15.48	70.91	7.9	33.62	8.1	24.8	7.19
A1	11 Aug 2020	8	14.92	69.81	7.6	33.70	8.1	25.0	8.26
A1	11 Aug 2020	9	13.91	72.72	7.3	33.70	8.1	25.2	8.91
A1	11 Aug 2020	10	13.69	75.84	6.9	33.64	8.0	25.2	8.41
A1	11 Aug 2020	11	13.35	76.28	6.8	33.63	8.0	25.3	8.12
A1	11 Aug 2020	12	13.22	76.22	6.7	33.62	8.0	25.3	8.12
A1	11 Aug 2020	13	13.19	76.39	6.6	33.61	8.0	25.3	8.04
A1	11 Aug 2020	14	13.16	76.62	6.6	33.61	8.0	25.3	8.46
A1	11 Aug 2020	15	13.15	76.76	6.6	33.60	8.0	25.3	8.20
A1	11 Aug 2020	16	13.09	76.83	6.5	33.60	8.0	25.3	8.03
A1	11 Aug 2020	17	13.03	77.08	6.5	33.61	8.0	25.3	8.09
A1	11 Aug 2020	18	12.96	77.21	6.4	33.62	8.0	25.3	8.00
A1	11 Aug 2020	19	12.65	79.22	6.2	33.64	8.0	25.4	7.75
A1	11 Aug 2020	20	12.66	82.91	6.0	33.61	7.9	25.4	6.99
A1	17 Aug 2020	1	22.04	87.66	6.9	33.69	8.2	23.2	0.69
A1	17 Aug 2020	2	22.05	87.52	7.4	33.69	8.2	23.2	1.24
A1	17 Aug 2020	3	22.05	87.54	7.4	33.70	8.2	23.2	0.59
A1	17 Aug 2020	4	22.05	87.81	7.4	33.71	8.2	23.2	1.34
A1	17 Aug 2020	5	21.94	87.83	7.4	33.76	8.2	23.3	1.34
A1	17 Aug 2020	6	21.42	87.51	7.1	33.83	8.2	23.5	1.29
A1	17 Aug 2020	7	20.98	86.66	6.9	NA	8.2	23.7	1.21
A1	17 Aug 2020	8	20.50	85.47	6.9	NA	8.2	24.0	1.21
A1	17 Aug 2020	9	19.08	84.47	7.5	NA	8.2	24.6	1.12
A1	17 Aug 2020	10	18.34	83.35	7.9	NA	8.2	24.6	1.18
A1	17 Aug 2020	11	17.48	82.58	8.2	NA	8.2	24.6	1.59
A1	17 Aug 2020	12	17.11	82.25	8.2	33.84	8.2	24.6	2.25
A1	17 Aug 2020	13	16.82	81.34	8.2	33.72	8.2	24.6	2.90
A1	17 Aug 2020	14	16.58	80.71	8.0	33.69	8.1	24.6	3.69
A1	17 Aug 2020	15	16.12	80.27	7.6	33.71	8.1	24.7	4.27
A1	17 Aug 2020	16	14.40	78.87	7.3	33.79	8.1	25.2	4.80

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
A1	17 Aug 2020	17	13.56	76.96	7.0	33.65	8.0	25.2	5.56
A1	17 Aug 2020	18	13.74	78.56	6.7	33.56	8.0	25.1	5.37
A1	27 Aug 2020	1	20.21	82.46	8.8	33.58	8.2	23.6	1.70
A1	27 Aug 2020	2	20.21	82.28	8.9	33.58	8.2	23.6	1.78
A1	27 Aug 2020	3	20.12	82.71	8.8	33.58	8.2	23.6	1.91
A1	27 Aug 2020	4	19.92	82.46	8.8	33.58	8.2	23.7	2.13
A1	27 Aug 2020	5	19.60	82.05	8.8	33.57	8.2	23.8	2.42
A1	27 Aug 2020	6	19.36	81.81	8.8	33.56	8.2	23.8	2.80
A1	27 Aug 2020	7	18.99	81.53	8.8	33.56	8.2	23.9	3.31
A1	27 Aug 2020	8	18.75	80.92	8.8	33.55	8.2	24.0	3.38
A1	27 Aug 2020	9	18.58	81.00	8.6	33.54	8.1	24.0	3.40
A1	27 Aug 2020	10	18.30	81.28	8.4	33.54	8.1	24.1	3.42
A1	27 Aug 2020	11	17.19	81.43	8.1	33.56	8.1	24.4	3.13
A1	27 Aug 2020	12	15.55	82.40	7.9	33.54	8.1	24.7	2.71
A1	27 Aug 2020	13	14.85	85.10	7.7	33.49	8.0	24.8	2.36
A1	27 Aug 2020	14	14.32	86.59	7.5	33.49	8.0	25.0	2.00
A1	27 Aug 2020	15	14.00	87.79	7.3	33.51	8.0	25.0	1.70
A1	27 Aug 2020	16	13.73	88.48	7.1	33.50	8.0	25.1	1.50
A1	27 Aug 2020	17	13.56	88.91	7.0	33.50	8.0	25.1	1.30
A1	31 Aug 2020	1	15.56	83.56	7.6	33.49	8.0	24.7	3.01
A1	31 Aug 2020	2	14.70	82.99	7.2	33.53	8.0	24.9	2.74
A1	31 Aug 2020	3	13.81	86.08	6.7	33.50	7.9	25.1	1.94
A1	31 Aug 2020	4	13.32	87.59	6.6	33.52	7.9	25.2	1.72
A1	31 Aug 2020	5	13.01	88.49	6.5	33.52	7.9	25.2	1.63
A1	31 Aug 2020	6	12.83	89.10	6.4	33.53	7.9	25.3	1.64
A1	31 Aug 2020	7	12.77	89.31	6.3	33.53	7.9	25.3	1.63
A1	31 Aug 2020	8	12.66	89.51	6.3	33.53	7.9	25.3	1.60
A1	31 Aug 2020	9	12.56	89.96	6.2	33.54	7.8	25.3	1.44
A1	31 Aug 2020	10	12.54	90.40	6.1	33.54	7.8	25.4	1.30
A1	31 Aug 2020	11	12.56	90.40	6.1	33.54	7.8	25.4	1.28
A1	31 Aug 2020	12	12.53	90.43	6.1	33.55	7.8	25.4	1.24
A1	31 Aug 2020	13	12.53	90.46	6.1	33.55	7.8	25.4	1.23
A1	31 Aug 2020	14	12.52	90.49	6.0	33.55	7.8	25.4	1.21
A1	31 Aug 2020	15	12.52	90.52	6.0	33.55	7.8	25.4	1.20
A1	31 Aug 2020	16	12.51	90.56	6.0	33.55	7.8	25.4	1.13
A1	31 Aug 2020	17	12.51	90.58	6.0	33.55	7.8	25.4	1.13
A1	31 Aug 2020	18	12.51	90.58	6.1	33.55	7.8	25.4	1.14
A1	31 Aug 2020	19	12.51	90.56	6.1	33.55	7.8	25.4	1.13
A6	04 Aug 2020	1	17.70	81.95	7.9	33.58	8.1	24.3	2.63
A6	04 Aug 2020	2	17.27	84.06	7.8	33.69	8.1	24.4	2.56
A6	04 Aug 2020	3	15.59	79.28	7.6	33.80	8.1	24.9	2.69
A6	04 Aug 2020	4	13.93	76.58	7.1	33.82	8.1	25.3	3.79
A6	04 Aug 2020	5	13.28	76.53	6.7	33.69	8.0	25.3	5.23
A6	04 Aug 2020	6	13.09	75.14	6.6	33.66	8.0	25.3	6.38
A6	04 Aug 2020	7	12.92	73.78	6.5	33.66	8.0	25.4	7.35
A6	04 Aug 2020	8	12.74	73.31	6.5	33.65	8.0	25.4	7.97
A6	04 Aug 2020	9	12.58	74.15	6.3	33.66	8.0	25.4	8.10
A6	04 Aug 2020	10	12.41	76.02	6.2	33.66	8.0	25.5	8.11
A6	04 Aug 2020	11	12.33	78.96	6.0	33.65	8.0	25.5	7.66
A6	04 Aug 2020	12	12.30	82.37	5.8	33.65	8.0	25.5	6.82
A6	04 Aug 2020	13	12.22	83.59	5.7	33.65	7.9	25.5	5.82
A6	04 Aug 2020	14	12.20	84.44	5.6	33.65	7.9	25.5	5.12
A6	04 Aug 2020	15	12.19	84.57	5.6	33.65	7.9	25.5	4.64
A6	04 Aug 2020	16	12.16	84.86	5.6	33.65	7.9	25.5	4.48
A6	04 Aug 2020	17	12.10	85.13	5.5	33.66	7.9	25.5	4.16
A6	04 Aug 2020	18	12.05	85.56	5.5	33.66	7.9	25.5	4.11
A6	04 Aug 2020	19	12.05	85.96	5.5	33.65	7.9	25.5	3.97

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
A6	11 Aug 2020	1	17.59	80.91	8.3	33.67	8.2	24.4	2.28
A6	11 Aug 2020	2	16.66	79.47	8.4	33.61	8.2	24.5	2.41
A6	11 Aug 2020	3	16.44	80.39	8.3	33.66	8.2	24.6	2.80
A6	11 Aug 2020	4	15.45	81.09	8.3	33.62	8.2	24.8	3.00
A6	11 Aug 2020	5	15.18	81.65	8.3	33.59	8.2	24.8	3.19
A6	11 Aug 2020	6	14.98	79.64	8.0	33.58	8.1	24.9	3.43
A6	11 Aug 2020	7	14.94	78.50	8.0	33.58	8.1	24.9	4.21
A6	11 Aug 2020	8	14.94	78.02	7.9	33.58	8.1	24.9	4.82
A6	11 Aug 2020	9	14.94	77.96	7.9	33.58	8.1	24.9	5.17
A6	11 Aug 2020	10	14.96	78.08	7.9	33.58	8.1	24.9	5.44
A6	11 Aug 2020	11	14.94	77.93	7.8	33.58	8.1	24.9	5.51
A6	11 Aug 2020	12	14.88	77.74	7.8	33.59	8.1	24.9	5.56
A6	11 Aug 2020	13	14.85	77.49	7.7	33.59	8.1	24.9	5.81
A6	11 Aug 2020	14	14.75	77.01	7.6	33.60	8.1	24.9	5.87
A6	11 Aug 2020	15	14.72	73.17	7.5	33.60	8.1	25.0	5.86
A6	11 Aug 2020	16	14.66	67.96	7.4	33.59	8.1	25.0	6.11
A6	11 Aug 2020	17	14.36	72.91	7.4	33.64	8.1	25.1	6.12
A6	11 Aug 2020	18	14.22	75.57	7.2	33.60	8.1	25.1	6.38
A6	11 Aug 2020	19	13.73	76.94	6.9	33.68	8.1	25.2	6.47
A6	11 Aug 2020	20	12.70	80.98	6.7	33.70	8.0	25.4	6.11
A6	17 Aug 2020	1	22.07	88.78	7.6	33.70	8.2	23.2	0.93
A6	17 Aug 2020	2	22.07	88.85	7.6	33.71	8.2	23.2	0.96
A6	17 Aug 2020	3	22.06	88.85	7.6	33.71	8.2	23.2	0.94
A6	17 Aug 2020	4	22.07	88.86	7.6	33.71	8.2	23.2	0.95
A6	17 Aug 2020	5	22.05	88.91	7.6	33.71	8.2	23.2	1.00
A6	17 Aug 2020	6	21.87	88.71	7.8	33.71	8.2	23.3	1.17
A6	17 Aug 2020	7	20.95	88.38	8.2	33.70	8.2	23.5	1.66
A6	17 Aug 2020	8	20.19	87.28	8.4	33.66	8.2	23.7	2.68
A6	17 Aug 2020	9	19.65	84.43	8.4	33.66	8.2	23.8	3.47
A6	17 Aug 2020	10	18.85	82.54	8.6	33.65	8.2	24.0	3.60
A6	17 Aug 2020	11	18.14	82.14	8.9	33.63	8.2	24.2	3.33
A6	17 Aug 2020	12	17.93	82.28	8.7	33.62	8.2	24.2	3.39
A6	17 Aug 2020	13	17.72	81.70	8.4	33.61	8.2	24.3	3.79
A6	17 Aug 2020	14	17.54	81.19	8.2	33.62	8.2	24.3	3.96
A6	17 Aug 2020	15	16.71	80.94	8.1	33.62	8.2	24.5	3.91
A6	17 Aug 2020	16	16.37	80.76	8.0	33.60	8.1	24.6	4.05
A6	17 Aug 2020	17	16.15	80.87	7.8	33.59	8.1	24.6	4.05
A6	17 Aug 2020	18	15.84	81.20	7.6	33.59	8.1	24.7	3.70
A6	17 Aug 2020	19	15.64	81.94	7.5	33.60	8.1	24.7	3.47
A6	17 Aug 2020	20	14.66	82.90	7.2	33.60	8.1	25.0	3.21
A6	17 Aug 2020	21	14.41	83.71	6.9	33.58	8.0	25.0	3.16
A6	27 Aug 2020	1	19.02	78.71	8.4	33.54	8.2	23.9	1.82
A6	27 Aug 2020	2	18.98	80.37	8.4	33.55	8.2	23.9	2.11
A6	27 Aug 2020	3	18.94	81.94	8.4	33.55	8.2	23.9	2.36
A6	27 Aug 2020	4	18.89	81.68	8.4	33.55	8.2	23.9	2.69
A6	27 Aug 2020	5	18.82	81.56	8.4	33.55	8.2	24.0	2.95
A6	27 Aug 2020	6	18.76	81.43	8.4	33.55	8.2	24.0	3.07
A6	27 Aug 2020	7	18.75	81.50	8.3	33.55	8.2	24.0	3.15
A6	27 Aug 2020	8	18.75	81.42	8.3	33.55	8.2	24.0	3.23
A6	27 Aug 2020	9	18.57	81.10	8.3	33.55	8.2	24.0	3.31
A6	27 Aug 2020	10	17.97	79.99	8.2	33.56	8.1	24.2	4.12
A6	27 Aug 2020	11	17.34	79.22	8.2	33.53	8.1	24.3	4.96
A6	27 Aug 2020	12	17.04	78.67	8.1	33.52	8.1	24.4	5.03
A6	27 Aug 2020	13	16.77	79.49	8.0	33.51	8.1	24.4	4.45
A6	27 Aug 2020	14	16.61	81.67	7.8	33.51	8.1	24.5	4.08
A6	27 Aug 2020	15	15.81	82.90	7.5	33.52	8.1	24.7	3.14
A6	27 Aug 2020	16	14.81	85.16	7.2	33.52	8.0	24.9	2.28
A6	27 Aug 2020	17	14.70	87.23	7.0	33.49	8.0	24.9	1.86
A6	27 Aug 2020	18	13.89	88.05	6.9	33.52	8.0	25.1	1.56

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
A6	27 Aug 2020	19	13.62	88.76	6.8	33.51	8.0	25.1	1.34
A6	27 Aug 2020	20	13.53	89.09	6.7	33.51	8.0	25.1	1.25
A6	31 Aug 2020	1	18.54	85.80	8.7	33.48	8.2	24.0	1.01
A6	31 Aug 2020	2	16.92	86.25	8.5	33.48	8.1	24.4	1.12
A6	31 Aug 2020	3	16.05	86.62	8.6	33.42	8.1	24.5	1.44
A6	31 Aug 2020	4	15.69	85.35	8.5	33.42	8.1	24.6	1.73
A6	31 Aug 2020	5	15.18	85.89	8.4	33.42	8.1	24.7	2.09
A6	31 Aug 2020	6	14.84	88.14	8.2	33.45	8.0	24.8	2.15
A6	31 Aug 2020	7	14.02	89.21	7.6	33.54	8.0	25.1	2.10
A6	31 Aug 2020	8	13.00	89.41	7.0	33.51	8.0	25.2	1.92
A6	31 Aug 2020	9	12.71	89.72	6.6	33.51	7.9	25.3	1.57
A6	31 Aug 2020	10	12.53	90.40	6.4	33.53	7.9	25.3	1.22
A6	31 Aug 2020	11	12.47	91.08	6.3	33.53	7.9	25.4	1.09
A6	31 Aug 2020	12	12.43	91.25	6.2	33.54	7.9	25.4	1.03
A6	31 Aug 2020	13	12.41	91.38	6.2	33.54	7.9	25.4	1.08
A6	31 Aug 2020	14	12.41	91.48	6.2	33.54	7.9	25.4	1.13
A6	31 Aug 2020	15	12.40	91.55	6.2	33.55	7.9	25.4	1.02
A6	31 Aug 2020	16	12.39	91.59	6.2	33.55	7.9	25.4	0.95
A6	31 Aug 2020	17	12.38	91.57	6.1	33.55	7.9	25.4	0.96
A6	31 Aug 2020	18	12.36	91.53	6.1	33.55	7.9	25.4	0.95
A6	31 Aug 2020	19	12.36	91.48	6.1	33.55	7.9	25.4	0.95
A6	31 Aug 2020	20	12.37	91.44	6.1	33.55	7.9	25.4	0.86
A7	04 Aug 2020	1	16.43	78.86	7.7	33.58	8.1	24.6	4.50
A7	04 Aug 2020	2	15.85	77.77	7.8	33.77	8.1	24.8	4.53
A7	04 Aug 2020	3	15.27	75.08	7.7	33.72	8.1	24.9	4.57
A7	04 Aug 2020	4	15.07	73.27	7.5	33.67	8.1	24.9	4.71
A7	04 Aug 2020	5	14.91	74.18	7.4	33.67	8.1	25.0	4.80
A7	04 Aug 2020	6	14.71	74.66	7.3	33.68	8.1	25.0	5.42
A7	04 Aug 2020	7	14.34	74.96	7.1	33.73	8.0	25.1	5.90
A7	04 Aug 2020	8	13.51	75.35	6.9	33.76	8.0	25.3	6.01
A7	04 Aug 2020	9	13.36	75.35	6.7	33.69	8.0	25.3	6.26
A7	04 Aug 2020	10	13.09	74.84	6.6	33.71	8.0	25.4	6.60
A7	04 Aug 2020	11	12.83	74.18	6.6	33.68	8.0	25.4	6.80
A7	04 Aug 2020	12	12.63	74.48	6.5	33.68	8.0	25.4	7.29
A7	04 Aug 2020	13	12.55	76.34	6.4	33.65	8.0	25.4	7.74
A7	04 Aug 2020	14	12.52	77.81	6.3	33.64	8.0	25.4	7.95
A7	04 Aug 2020	15	12.43	78.97	6.2	33.65	8.0	25.5	7.78
A7	04 Aug 2020	16	12.35	80.44	6.1	33.65	8.0	25.5	7.29
A7	04 Aug 2020	17	12.24	81.10	6.0	33.65	8.0	25.5	7.04
A7	04 Aug 2020	18	12.19	81.71	6.0	33.64	7.9	25.5	6.53
A7	04 Aug 2020	19	12.21	82.11	6.0	33.62	7.9	25.5	6.61
A7	11 Aug 2020	1	19.15	79.36	8.2	33.67	8.2	24.0	2.79
A7	11 Aug 2020	2	19.00	79.03	8.1	33.69	8.2	24.0	2.89
A7	11 Aug 2020	3	18.36	76.77	8.2	33.71	8.2	24.2	3.23
A7	11 Aug 2020	4	17.21	72.22	8.3	33.74	8.2	24.5	4.24
A7	11 Aug 2020	5	16.60	69.40	8.4	33.65	8.2	24.6	5.95
A7	11 Aug 2020	6	16.35	70.36	8.3	33.64	8.2	24.6	6.94
A7	11 Aug 2020	7	16.33	68.39	8.3	33.62	8.2	24.6	7.58
A7	11 Aug 2020	8	16.27	68.19	8.3	33.61	8.2	24.6	8.10
A7	11 Aug 2020	9	16.21	68.15	8.3	33.62	8.2	24.6	8.04
A7	11 Aug 2020	10	15.79	68.14	8.2	33.64	8.2	24.7	8.06
A7	11 Aug 2020	11	15.19	70.05	8.0	33.68	8.2	24.9	8.22
A7	11 Aug 2020	12	14.36	72.33	7.7	33.68	8.1	25.1	8.08
A7	11 Aug 2020	13	13.95	74.25	7.4	33.66	8.1	25.2	8.02
A7	11 Aug 2020	14	13.68	75.50	7.0	33.63	8.1	25.2	7.88
A7	11 Aug 2020	15	13.51	76.40	6.8	33.62	8.1	25.2	8.05
A7	11 Aug 2020	16	13.47	76.27	6.8	33.62	8.0	25.2	7.90
A7	11 Aug 2020	17	13.26	76.17	6.8	33.63	8.0	25.3	7.97

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
A7	11 Aug 2020	18	13.10	77.01	6.7	33.63	8.0	25.3	7.89
A7	11 Aug 2020	19	12.83	77.49	6.4	33.66	8.0	25.4	7.80
A7	17 Aug 2020	1	22.05	88.83	7.5	33.71	8.2	23.2	0.98
A7	17 Aug 2020	2	22.05	88.79	7.5	33.71	8.2	23.2	0.98
A7	17 Aug 2020	3	22.05	88.68	7.4	33.71	8.2	23.2	1.01
A7	17 Aug 2020	4	22.04	88.39	7.5	33.71	8.2	23.2	1.09
A7	17 Aug 2020	5	21.58	87.51	7.5	33.74	8.2	23.4	1.30
A7	17 Aug 2020	6	20.39	84.75	8.0	33.70	8.2	23.7	2.10
A7	17 Aug 2020	7	19.99	83.46	8.2	33.69	8.2	23.8	2.72
A7	17 Aug 2020	8	19.37	83.40	8.4	33.66	8.2	23.9	2.78
A7	17 Aug 2020	9	18.80	83.34	8.6	33.66	8.2	24.0	2.76
A7	17 Aug 2020	10	18.50	83.02	9.0	33.63	8.2	24.1	2.68
A7	17 Aug 2020	11	18.19	82.65	9.2	33.63	8.2	24.2	2.70
A7	17 Aug 2020	12	17.60	82.44	9.0	33.63	8.2	24.3	2.96
A7	17 Aug 2020	13	16.99	81.75	8.7	33.61	8.2	24.5	3.27
A7	17 Aug 2020	14	16.67	81.03	8.5	33.60	8.2	24.5	3.78
A7	17 Aug 2020	15	16.22	80.00	8.2	33.61	8.2	24.6	4.24
A7	17 Aug 2020	16	15.45	78.72	7.9	33.60	8.1	24.8	5.02
A7	17 Aug 2020	17	14.85	78.36	7.6	33.60	8.1	24.9	5.30
A7	17 Aug 2020	18	14.01	79.38	7.2	33.58	8.1	25.1	5.18
A7	17 Aug 2020	19	13.89	79.95	7.0	33.57	8.0	25.1	5.01
A7	17 Aug 2020	20	13.92	80.24	7.0	33.56	8.0	25.1	5.00
A7	27 Aug 2020	1	19.80	80.20	8.7	33.57	8.2	23.7	2.22
A7	27 Aug 2020	2	19.71	80.23	8.7	33.57	8.2	23.7	2.45
A7	27 Aug 2020	3	19.59	80.36	8.7	33.57	8.2	23.8	2.65
A7	27 Aug 2020	4	19.54	80.51	8.6	33.57	8.2	23.8	2.73
A7	27 Aug 2020	5	19.28	80.52	8.6	33.57	8.2	23.9	2.91
A7	27 Aug 2020	6	19.09	80.72	8.6	33.56	8.2	23.9	3.09
A7	27 Aug 2020	7	18.82	80.88	8.5	33.55	8.2	24.0	3.30
A7	27 Aug 2020	8	18.68	80.87	8.5	33.55	8.2	24.0	3.40
A7	27 Aug 2020	9	18.64	80.88	8.4	33.55	8.2	24.0	3.50
A7	27 Aug 2020	10	17.74	81.31	8.3	33.54	8.1	24.2	3.68
A7	27 Aug 2020	11	17.43	81.87	8.2	33.52	8.1	24.3	3.78
A7	27 Aug 2020	12	17.22	82.42	8.1	33.51	8.1	24.3	3.70
A7	27 Aug 2020	13	17.06	82.81	8.0	33.51	8.1	24.4	3.48
A7	27 Aug 2020	14	16.81	83.35	7.9	33.50	8.1	24.4	3.19
A7	27 Aug 2020	15	16.04	85.82	7.8	33.50	8.1	24.6	2.72
A7	27 Aug 2020	16	15.30	87.24	7.5	33.51	8.1	24.8	2.01
A7	27 Aug 2020	17	14.77	87.92	7.2	33.50	8.0	24.9	1.46
A7	27 Aug 2020	18	14.75	88.47	7.1	33.49	8.0	24.9	1.25
A7	27 Aug 2020	19	14.48	88.51	6.9	33.50	8.0	24.9	1.17
A7	27 Aug 2020	20	14.08	88.72	6.8	33.51	8.0	25.0	1.09
A7	27 Aug 2020	21	13.82	89.01	6.8	33.51	8.0	25.1	1.06
A7	31 Aug 2020	1	18.13	86.47	8.4	33.46	8.1	24.1	1.05
A7	31 Aug 2020	2	16.80	85.91	8.3	33.44	8.1	24.4	1.78
A7	31 Aug 2020	3	14.95	83.86	7.9	33.50	8.0	24.8	2.62
A7	31 Aug 2020	4	13.71	86.17	7.5	33.45	8.0	25.0	2.57
A7	31 Aug 2020	5	13.04	89.08	7.0	33.49	7.9	25.2	1.96
A7	31 Aug 2020	6	12.85	89.64	6.7	33.49	7.9	25.2	1.68
A7	31 Aug 2020	7	12.70	90.03	6.5	33.51	7.9	25.3	1.44
A7	31 Aug 2020	8	12.58	90.55	6.3	33.52	7.9	25.3	1.26
A7	31 Aug 2020	9	12.44	90.86	6.2	33.53	7.9	25.4	1.17
A7	31 Aug 2020	10	12.43	91.07	6.2	33.53	7.9	25.4	1.12
A7	31 Aug 2020	11	12.43	91.04	6.1	33.54	7.8	25.4	1.08
A7	31 Aug 2020	12	12.44	90.89	6.0	33.54	7.8	25.4	1.06
A7	31 Aug 2020	13	12.44	90.92	6.0	33.55	7.8	25.4	1.05
A7	31 Aug 2020	14	12.45	90.91	6.0	33.55	7.8	25.4	1.03
A7	31 Aug 2020	15	12.45	90.84	6.0	33.55	7.8	25.4	1.04

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
A7	31 Aug 2020	16	12.44	90.75	6.0	33.56	7.8	25.4	1.02
A7	31 Aug 2020	17	12.43	90.81	5.9	33.56	7.8	25.4	1.02
A7	31 Aug 2020	18	12.42	90.75	5.9	33.56	7.8	25.4	1.02
A7	31 Aug 2020	19	12.41	90.72	5.9	33.56	7.8	25.4	1.01
A7	31 Aug 2020	20	12.44	90.71	5.9	33.56	7.8	25.4	1.03
C4	04 Aug 2020	1	16.64	78.63	7.6	33.59	8.1	24.5	2.55
C4	04 Aug 2020	2	16.64	78.67	7.6	33.60	8.1	24.5	2.59
C4	04 Aug 2020	3	16.62	78.79	7.5	33.60	8.1	24.5	2.55
C4	04 Aug 2020	4	16.63	78.92	7.5	33.60	8.1	24.5	2.66
C4	04 Aug 2020	5	16.63	78.92	7.5	33.60	8.1	24.5	2.75
C4	04 Aug 2020	6	16.62	78.97	7.4	33.60	8.1	24.5	2.75
C4	04 Aug 2020	7	16.55	79.18	7.5	33.61	8.1	24.6	2.80
C4	04 Aug 2020	8	16.36	79.57	7.4	33.62	8.1	24.6	2.80
C4	04 Aug 2020	9	16.03	80.26	7.2	33.65	8.1	24.7	2.75
C4	04 Aug 2020	10	15.54	82.22	7.0	33.65	8.1	24.8	2.55
C4	11 Aug 2020	1	19.60	80.70	7.3	33.68	8.2	23.9	0.90
C4	11 Aug 2020	2	19.54	80.55	7.4	33.69	8.2	23.9	0.94
C4	11 Aug 2020	3	19.38	79.66	7.5	33.69	8.2	23.9	1.03
C4	11 Aug 2020	4	19.33	78.56	7.6	33.68	8.2	23.9	1.32
C4	11 Aug 2020	5	19.33	76.01	7.6	33.68	8.2	23.9	1.56
C4	11 Aug 2020	6	19.19	76.53	7.5	33.70	8.2	24.0	1.79
C4	11 Aug 2020	7	18.20	75.25	7.3	33.90	8.1	24.4	1.85
C4	11 Aug 2020	8	16.16	77.39	6.9	33.98	8.0	24.9	1.96
C4	11 Aug 2020	9	15.10	80.85	6.1	33.92	7.9	25.1	2.42
C4	11 Aug 2020	10	14.43	78.91	5.1	33.79	7.9	25.2	2.94
C4	17 Aug 2020	1	21.98	88.38	7.7	33.70	8.2	23.2	0.98
C4	17 Aug 2020	2	21.97	88.26	7.7	33.70	8.2	23.2	0.99
C4	17 Aug 2020	3	21.97	88.28	7.7	33.70	8.2	23.2	1.03
C4	17 Aug 2020	4	21.96	88.16	7.7	33.70	8.2	23.2	1.00
C4	17 Aug 2020	5	21.88	88.17	7.5	33.70	8.2	23.3	1.04
C4	17 Aug 2020	6	21.26	88.01	7.4	33.70	8.2	23.4	1.42
C4	17 Aug 2020	7	20.01	87.35	7.1	33.70	8.2	23.8	2.15
C4	17 Aug 2020	8	17.65	86.11	6.4	33.67	8.1	24.3	1.74
C4	17 Aug 2020	9	16.04	85.33	5.6	33.62	8.0	24.7	1.10
C4	17 Aug 2020	10	15.57	85.50	5.3	33.60	8.0	24.8	0.93
C4	17 Aug 2020	11	15.16	85.13	5.1	33.58	7.9	24.8	1.04
C4	17 Aug 2020	12	15.28	84.40	5.1	33.56	7.9	24.8	1.08
C4	27 Aug 2020	1	18.93	79.19	7.6	33.55	8.1	23.9	1.54
C4	27 Aug 2020	2	18.84	79.26	7.6	33.55	8.1	24.0	1.78
C4	27 Aug 2020	3	18.65	79.18	7.7	33.56	8.1	24.0	2.07
C4	27 Aug 2020	4	18.60	79.29	7.7	33.54	8.1	24.0	2.54
C4	27 Aug 2020	5	18.50	79.23	7.8	33.55	8.1	24.0	2.87
C4	27 Aug 2020	6	18.31	73.40	7.7	33.54	8.1	24.1	3.14
C4	27 Aug 2020	7	18.22	58.23	7.6	33.54	8.1	24.1	3.23
C4	27 Aug 2020	8	18.16	64.36	7.6	33.54	8.1	24.1	3.17
C4	27 Aug 2020	9	18.12	78.42	7.6	33.54	8.1	24.1	3.12
C4	27 Aug 2020	10	17.94	80.18	7.5	33.54	8.1	24.2	3.06
C4	27 Aug 2020	11	17.85	81.15	7.4	33.54	8.1	24.2	2.94
C4	31 Aug 2020	1	18.04	84.77	8.3	33.49	8.1	24.1	1.31
C4	31 Aug 2020	2	17.87	84.65	8.2	33.51	8.1	24.2	1.39
C4	31 Aug 2020	3	16.51	84.00	7.5	33.54	8.1	24.5	2.02
C4	31 Aug 2020	4	15.02	82.53	6.8	33.53	8.0	24.8	2.57
C4	31 Aug 2020	5	14.44	81.89	6.4	33.52	7.9	24.9	2.39
C4	31 Aug 2020	6	14.09	82.34	6.0	33.52	7.9	25.0	1.76
C4	31 Aug 2020	7	13.85	83.18	5.7	33.52	7.9	25.1	1.34
C4	31 Aug 2020	8	13.75	84.34	5.5	33.52	7.8	25.1	1.18

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C4	31 Aug 2020	9	13.57	85.15	5.3	33.53	7.8	25.1	0.98
C4	31 Aug 2020	10	13.51	85.91	5.2	33.53	7.8	25.1	0.86
C4	31 Aug 2020	11	13.51	85.82	5.1	33.53	7.8	25.2	0.82
C4	31 Aug 2020	12	13.52	85.74	5.1	33.53	7.8	25.1	0.81
C5	04 Aug 2020	1	17.49	82.74	8.1	33.58	8.2	24.3	1.85
C5	04 Aug 2020	2	17.45	82.73	8.1	33.62	8.2	24.3	1.88
C5	04 Aug 2020	3	16.85	82.09	7.9	33.64	8.1	24.5	1.90
C5	04 Aug 2020	4	16.76	81.55	7.7	33.62	8.1	24.5	1.96
C5	04 Aug 2020	5	16.64	81.78	7.6	33.62	8.1	24.5	1.99
C5	04 Aug 2020	6	16.12	82.11	7.4	33.70	8.1	24.7	1.93
C5	04 Aug 2020	7	15.50	83.78	7.0	33.69	8.1	24.9	1.86
C5	04 Aug 2020	8	14.93	84.51	6.6	33.70	8.0	25.0	1.78
C5	04 Aug 2020	9	14.47	85.03	6.6	33.67	8.0	25.1	1.57
C5	04 Aug 2020	10	14.41	85.13	6.6	33.63	8.0	25.0	1.47
C5	11 Aug 2020	1	19.24	79.13	8.1	33.67	8.3	23.9	1.99
C5	11 Aug 2020	2	19.16	79.02	8.2	33.68	8.3	24.0	1.99
C5	11 Aug 2020	3	19.01	78.73	8.0	33.68	8.3	24.0	2.17
C5	11 Aug 2020	4	17.47	78.21	8.0	33.87	8.2	24.5	2.53
C5	11 Aug 2020	5	16.17	70.69	8.4	33.72	8.2	24.7	3.82
C5	11 Aug 2020	6	14.96	67.67	7.7	33.71	8.2	25.0	6.65
C5	11 Aug 2020	7	14.77	77.28	6.8	33.66	8.1	25.0	7.48
C5	11 Aug 2020	8	13.98	83.47	6.5	33.65	8.1	25.1	6.66
C5	11 Aug 2020	9	13.96	85.81	6.0	33.67	8.0	25.2	4.44
C5	11 Aug 2020	10	13.54	86.56	5.9	33.65	8.0	25.2	3.44
C5	17 Aug 2020	1	22.04	88.50	7.8	33.70	8.2	23.2	0.97
C5	17 Aug 2020	2	22.04	88.41	7.8	33.70	8.2	23.2	0.98
C5	17 Aug 2020	3	22.00	88.33	7.8	33.70	8.2	23.2	1.07
C5	17 Aug 2020	4	21.96	88.18	7.8	33.70	8.2	23.2	1.28
C5	17 Aug 2020	5	21.83	87.98	7.8	33.70	8.2	23.3	1.50
C5	17 Aug 2020	6	21.68	87.44	7.6	33.69	8.2	23.3	1.78
C5	17 Aug 2020	7	21.30	86.72	7.4	33.70	8.2	23.4	1.60
C5	17 Aug 2020	8	20.07	87.24	6.9	33.71	8.2	23.8	1.18
C5	17 Aug 2020	9	18.16	87.85	7.0	33.61	8.1	24.2	0.82
C5	27 Aug 2020	1	19.01	82.01	8.3	33.55	8.2	23.9	1.69
C5	27 Aug 2020	2	18.98	81.84	8.3	33.55	8.2	23.9	1.71
C5	27 Aug 2020	3	18.87	81.21	8.4	33.55	8.2	23.9	2.12
C5	27 Aug 2020	4	18.79	80.94	8.4	33.56	8.2	24.0	2.52
C5	27 Aug 2020	5	18.61	80.73	8.4	33.55	8.2	24.0	3.02
C5	27 Aug 2020	6	18.16	80.29	8.3	33.57	8.2	24.1	3.51
C5	27 Aug 2020	7	17.81	80.03	8.1	33.56	8.1	24.2	4.18
C5	27 Aug 2020	8	16.17	80.56	7.6	33.55	8.1	24.6	4.27
C5	27 Aug 2020	9	15.53	83.11	7.5	33.52	8.0	24.7	3.74
C5	31 Aug 2020	1	18.79	84.61	8.8	33.50	8.2	23.9	1.00
C5	31 Aug 2020	2	18.58	84.69	8.6	33.51	8.2	24.0	1.13
C5	31 Aug 2020	3	17.55	84.62	8.4	33.50	8.1	24.2	1.56
C5	31 Aug 2020	4	16.45	84.72	8.0	33.51	8.1	24.5	2.11
C5	31 Aug 2020	5	15.20	83.59	7.6	33.50	8.0	24.8	2.18
C5	31 Aug 2020	6	14.50	84.10	7.3	33.49	8.0	24.9	1.91
C5	31 Aug 2020	7	14.15	85.82	7.1	33.48	8.0	25.0	1.43
C5	31 Aug 2020	8	13.91	87.47	7.0	33.48	8.0	25.0	1.25
C5	31 Aug 2020	9	13.82	88.20	6.9	33.48	8.0	25.1	1.10
C6	04 Aug 2020	1	18.05	84.58	7.8	33.59	8.2	24.2	1.76
C6	04 Aug 2020	2	17.71	84.22	7.8	33.64	8.2	24.3	1.75
C6	04 Aug 2020	3	17.15	83.81	7.8	33.70	8.2	24.5	1.69
C6	04 Aug 2020	4	16.45	84.38	7.7	33.80	8.1	24.7	1.77

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C6	04 Aug 2020	5	15.37	83.25	7.5	33.78	8.1	25.0	1.76
C6	04 Aug 2020	6	14.97	81.27	7.3	33.73	8.1	25.0	1.79
C6	04 Aug 2020	7	14.62	82.26	7.1	33.71	8.1	25.1	2.20
C6	04 Aug 2020	8	14.47	84.92	6.8	33.68	8.1	25.1	2.73
C6	04 Aug 2020	9	14.58	86.63	6.6	33.62	8.0	25.0	2.87
C6	11 Aug 2020	1	19.10	81.01	8.4	33.66	8.3	24.0	1.69
C6	11 Aug 2020	2	19.07	81.64	8.5	33.67	8.3	24.0	1.69
C6	11 Aug 2020	3	19.02	81.60	8.4	33.67	8.3	24.0	1.74
C6	11 Aug 2020	4	18.11	80.16	8.2	33.87	8.3	24.4	1.91
C6	11 Aug 2020	5	15.71	70.72	7.9	33.79	8.2	24.9	2.67
C6	11 Aug 2020	6	14.78	71.05	7.2	33.73	8.1	25.0	5.19
C6	11 Aug 2020	7	14.38	74.22	6.5	33.69	8.1	25.1	6.61
C6	11 Aug 2020	8	14.07	81.03	6.0	33.66	8.0	25.1	6.91
C6	11 Aug 2020	9	13.89	86.29	5.7	33.66	8.0	25.2	4.47
C6	17 Aug 2020	1	22.07	88.94	7.7	33.70	8.2	23.2	0.96
C6	17 Aug 2020	2	22.06	89.02	7.8	33.70	8.2	23.2	0.94
C6	17 Aug 2020	3	22.04	88.83	7.8	33.70	8.2	23.2	1.02
C6	17 Aug 2020	4	22.04	88.41	7.8	33.70	8.2	23.2	1.04
C6	17 Aug 2020	5	22.02	87.93	7.8	33.70	8.2	23.2	1.06
C6	17 Aug 2020	6	22.02	87.17	7.8	33.70	8.2	23.2	1.08
C6	17 Aug 2020	7	21.84	86.73	7.6	33.70	8.2	23.3	1.12
C6	17 Aug 2020	8	19.22	85.88	7.3	33.75	8.2	24.0	0.97
C6	17 Aug 2020	9	16.13	85.65	7.4	33.65	8.1	24.7	0.90
C6	17 Aug 2020	10	16.15	86.14	7.5	33.56	8.1	24.6	0.91
C6	27 Aug 2020	1	19.44	79.95	8.3	33.56	8.2	23.8	2.10
C6	27 Aug 2020	2	19.40	79.59	8.2	33.56	8.2	23.8	2.44
C6	27 Aug 2020	3	18.94	78.27	8.3	33.56	8.2	23.9	3.54
C6	27 Aug 2020	4	18.82	78.58	8.4	33.55	8.2	24.0	4.13
C6	27 Aug 2020	5	18.73	78.78	8.3	33.55	8.2	24.0	4.28
C6	27 Aug 2020	6	17.68	79.46	8.4	33.54	8.1	24.2	4.57
C6	27 Aug 2020	7	17.62	79.84	8.2	33.52	8.1	24.2	4.84
C6	27 Aug 2020	8	17.12	82.24	7.9	33.52	8.1	24.3	5.02
C6	27 Aug 2020	9	15.66	85.28	7.5	33.51	8.0	24.7	2.70
C6	31 Aug 2020	1	18.43	84.34	8.8	33.49	8.1	24.0	1.27
C6	31 Aug 2020	2	17.05	84.27	8.7	33.49	8.1	24.3	1.61
C6	31 Aug 2020	3	15.67	83.77	8.7	33.47	8.1	24.6	2.20
C6	31 Aug 2020	4	14.69	82.86	8.6	33.45	8.1	24.8	3.40
C6	31 Aug 2020	5	14.23	81.94	8.3	33.43	8.1	24.9	4.04
C6	31 Aug 2020	6	14.08	84.07	8.0	33.43	8.0	25.0	3.53
C6	31 Aug 2020	7	13.89	85.47	7.8	33.44	8.0	25.0	2.61
C6	31 Aug 2020	8	13.85	87.78	7.7	33.45	8.0	25.0	1.88
C6	31 Aug 2020	9	13.83	88.55	7.5	33.46	8.0	25.0	1.44
C6	31 Aug 2020	10	13.85	89.34	7.2	33.47	8.0	25.0	1.08
C7	04 Aug 2020	1	16.05	79.78	7.4	33.73	8.1	24.8	3.83
C7	04 Aug 2020	2	15.30	77.80	7.4	33.79	8.1	25.0	3.78
C7	04 Aug 2020	3	14.42	74.83	7.2	33.76	8.1	25.1	3.94
C7	04 Aug 2020	4	14.09	75.15	7.0	33.73	8.0	25.2	4.23
C7	04 Aug 2020	5	13.76	77.75	6.7	33.74	8.0	25.3	4.78
C7	04 Aug 2020	6	13.55	79.90	6.6	33.71	8.0	25.3	5.68
C7	04 Aug 2020	7	13.43	80.81	6.4	33.69	8.0	25.3	5.79
C7	04 Aug 2020	8	13.15	81.83	6.3	33.71	8.0	25.4	5.56
C7	04 Aug 2020	9	12.88	82.76	6.1	33.71	8.0	25.4	5.42
C7	04 Aug 2020	10	12.77	81.17	6.0	33.68	8.0	25.4	5.17
C7	04 Aug 2020	11	12.61	80.00	6.0	33.69	8.0	25.5	5.11
C7	04 Aug 2020	12	12.24	79.10	6.0	33.69	8.0	25.5	5.44
C7	04 Aug 2020	13	12.15	79.26	5.9	33.66	8.0	25.5	5.80

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C7	04 Aug 2020	14	12.12	80.68	5.8	33.66	7.9	25.5	6.76
C7	04 Aug 2020	15	12.06	83.25	5.7	33.66	7.9	25.5	6.84
C7	04 Aug 2020	16	11.97	84.12	5.6	33.68	7.9	25.6	6.34
C7	04 Aug 2020	17	11.86	86.75	5.4	33.68	7.9	25.6	6.00
C7	04 Aug 2020	18	11.85	87.55	5.3	33.68	7.9	25.6	5.42
C7	11 Aug 2020	1	18.14	82.38	8.1	33.63	8.2	24.2	1.51
C7	11 Aug 2020	2	17.64	82.38	8.1	33.69	8.2	24.4	1.64
C7	11 Aug 2020	3	15.44	81.93	8.5	33.66	8.2	24.8	1.86
C7	11 Aug 2020	4	15.51	81.92	8.5	33.58	8.2	24.8	2.40
C7	11 Aug 2020	5	15.06	81.70	8.4	33.59	8.2	24.9	2.65
C7	11 Aug 2020	6	14.92	81.49	8.4	33.58	8.2	24.9	2.99
C7	11 Aug 2020	7	14.63	81.40	8.3	33.60	8.2	25.0	3.22
C7	11 Aug 2020	8	13.74	80.25	7.8	33.66	8.1	25.2	3.44
C7	11 Aug 2020	9	13.40	77.59	7.1	33.62	8.1	25.2	4.94
C7	11 Aug 2020	10	13.07	76.89	6.7	33.63	8.0	25.3	6.57
C7	11 Aug 2020	11	12.84	78.61	6.4	33.64	8.0	25.4	7.37
C7	11 Aug 2020	12	12.55	82.80	6.1	33.64	8.0	25.4	6.74
C7	11 Aug 2020	13	12.56	84.84	5.9	33.63	8.0	25.4	5.26
C7	11 Aug 2020	14	12.47	85.18	5.9	33.63	8.0	25.4	4.36
C7	11 Aug 2020	15	12.46	85.58	5.8	33.63	8.0	25.4	3.88
C7	11 Aug 2020	16	12.29	86.45	5.7	33.65	8.0	25.5	3.73
C7	11 Aug 2020	17	12.14	88.04	5.5	33.65	7.9	25.5	2.80
C7	11 Aug 2020	18	12.14	88.18	5.3	33.62	7.9	25.5	2.34
C7	17 Aug 2020	1	22.18	21.59	6.4	33.52	8.2	23.0	1.03
C7	17 Aug 2020	2	22.18	42.45	6.7	33.62	8.2	23.1	1.22
C7	17 Aug 2020	3	22.18	88.04	7.2	33.66	8.2	23.1	1.11
C7	17 Aug 2020	4	22.16	88.76	7.2	33.67	8.2	23.2	1.51
C7	17 Aug 2020	5	22.14	89.40	7.2	33.67	8.2	23.2	1.05
C7	17 Aug 2020	6	21.88	89.02	7.3	33.83	8.2	23.4	1.01
C7	17 Aug 2020	7	20.50	88.47	7.4	NA	8.2	24.1	0.98
C7	17 Aug 2020	8	19.08	88.20	7.4	NA	8.2	24.6	0.96
C7	17 Aug 2020	9	18.13	84.96	7.3	NA	8.2	24.8	1.05
C7	17 Aug 2020	10	17.61	82.51	7.0	NA	8.2	25.1	0.99
C7	17 Aug 2020	11	17.19	80.94	7.0	NA	8.2	25.4	1.03
C7	17 Aug 2020	12	16.35	80.09	7.7	NA	8.2	25.6	1.40
C7	17 Aug 2020	13	15.29	79.67	8.3	NA	8.1	25.5	1.08
C7	17 Aug 2020	14	14.60	79.32	8.4	NA	8.1	25.4	1.02
C7	17 Aug 2020	15	14.34	78.80	7.7	NA	8.1	25.6	1.08
C7	17 Aug 2020	16	14.09	79.38	7.3	NA	8.1	25.8	1.44
C7	17 Aug 2020	17	13.55	82.00	7.2	NA	8.0	NA	1.10
C7	17 Aug 2020	18	13.60	83.32	7.2	NA	8.0	NA	1.35
C7	27 Aug 2020	1	19.76	78.06	8.5	33.59	8.2	23.7	2.50
C7	27 Aug 2020	2	19.62	77.64	8.5	33.59	8.2	23.8	3.00
C7	27 Aug 2020	3	19.42	77.24	8.7	33.57	8.2	23.8	3.56
C7	27 Aug 2020	4	19.25	77.10	8.8	33.57	8.2	23.9	3.86
C7	27 Aug 2020	5	19.08	78.09	8.9	33.55	8.2	23.9	3.68
C7	27 Aug 2020	6	19.04	79.56	8.9	33.55	8.2	23.9	3.47
C7	27 Aug 2020	7	19.00	80.38	9.0	33.54	8.2	23.9	3.47
C7	27 Aug 2020	8	18.99	80.37	8.9	33.55	8.2	23.9	3.55
C7	27 Aug 2020	9	18.98	79.59	8.8	33.55	8.2	23.9	3.82
C7	27 Aug 2020	10	18.91	78.85	8.7	33.55	8.2	23.9	3.93
C7	27 Aug 2020	11	18.65	78.50	8.7	33.55	8.2	24.0	3.98
C7	27 Aug 2020	12	18.32	79.54	8.7	33.53	8.2	24.1	4.12
C7	27 Aug 2020	13	17.82	80.15	8.6	33.54	8.2	24.2	4.30
C7	27 Aug 2020	14	17.52	79.91	8.6	33.52	8.1	24.3	4.74
C7	27 Aug 2020	15	17.41	79.56	8.4	33.52	8.1	24.3	5.10
C7	27 Aug 2020	16	17.05	79.52	8.0	33.53	8.1	24.4	4.93
C7	27 Aug 2020	17	15.07	81.92	7.6	33.56	8.1	24.8	3.51

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C7	27 Aug 2020	18	14.58	85.85	7.6	33.51	8.0	24.9	2.29
C7	31 Aug 2020	1	16.15	86.20	8.5	33.42	8.1	24.5	1.17
C7	31 Aug 2020	2	15.35	86.50	8.5	33.41	8.1	24.7	1.16
C7	31 Aug 2020	3	14.68	87.35	8.5	33.40	8.1	24.8	1.56
C7	31 Aug 2020	4	13.92	86.37	8.4	33.41	8.1	25.0	2.43
C7	31 Aug 2020	5	13.71	85.41	8.2	33.41	8.0	25.0	3.42
C7	31 Aug 2020	6	13.66	84.19	8.1	33.42	8.0	25.0	4.10
C7	31 Aug 2020	7	13.60	83.77	7.9	33.43	8.0	25.1	4.24
C7	31 Aug 2020	8	13.57	84.04	7.8	33.44	8.0	25.1	4.12
C7	31 Aug 2020	9	13.38	84.44	7.5	33.47	8.0	25.1	3.63
C7	31 Aug 2020	10	13.05	85.95	7.1	33.50	8.0	25.2	2.73
C7	31 Aug 2020	11	12.96	88.23	6.9	33.50	7.9	25.2	2.16
C7	31 Aug 2020	12	12.89	89.06	6.7	33.51	7.9	25.3	1.82
C7	31 Aug 2020	13	12.81	89.65	6.7	33.51	7.9	25.3	1.63
C7	31 Aug 2020	14	12.83	89.95	6.6	33.51	7.9	25.3	1.58
C7	31 Aug 2020	15	12.72	90.17	6.5	33.52	7.9	25.3	1.41
C7	31 Aug 2020	16	12.68	90.26	6.4	33.52	7.9	25.3	1.24
C7	31 Aug 2020	17	12.69	90.64	6.4	33.52	7.9	25.3	1.15
C7	31 Aug 2020	18	12.69	90.78	6.4	33.52	7.9	25.3	1.06
C8	04 Aug 2020	1	17.59	84.53	7.7	33.57	8.1	24.3	2.10
C8	04 Aug 2020	2	15.79	83.08	7.6	33.76	8.1	24.8	2.17
C8	04 Aug 2020	3	14.86	75.70	7.4	33.64	8.1	25.0	2.95
C8	04 Aug 2020	4	14.54	74.30	7.2	33.63	8.1	25.0	4.63
C8	04 Aug 2020	5	14.25	74.66	7.0	33.63	8.1	25.1	5.72
C8	04 Aug 2020	6	13.80	75.56	6.8	33.66	8.0	25.2	6.39
C8	04 Aug 2020	7	13.44	76.78	6.7	33.63	8.0	25.2	6.83
C8	04 Aug 2020	8	13.27	78.54	6.6	33.62	8.0	25.3	7.04
C8	04 Aug 2020	9	13.13	79.63	6.4	33.63	8.0	25.3	7.07
C8	04 Aug 2020	10	13.01	80.06	6.2	33.63	8.0	25.3	6.67
C8	04 Aug 2020	11	12.95	80.96	6.2	33.62	8.0	25.3	6.38
C8	04 Aug 2020	12	12.84	82.26	6.0	33.64	8.0	25.4	6.08
C8	04 Aug 2020	13	12.76	82.19	6.0	33.63	8.0	25.4	5.56
C8	04 Aug 2020	14	12.76	83.98	5.8	33.63	8.0	25.4	5.14
C8	04 Aug 2020	15	12.68	86.10	5.6	33.65	7.9	25.4	4.50
C8	04 Aug 2020	16	12.34	87.23	5.4	33.68	7.9	25.5	3.84
C8	04 Aug 2020	17	12.15	88.29	5.2	33.69	7.9	25.5	3.00
C8	04 Aug 2020	18	12.03	88.68	5.2	33.67	7.9	25.5	2.25
C8	04 Aug 2020	19	12.04	88.77	5.2	33.66	7.9	25.5	1.78
C8	04 Aug 2020	20	12.08	88.80	5.2	33.65	7.9	25.5	1.53
C8	11 Aug 2020	1	17.63	80.40	8.2	33.61	8.2	24.3	1.71
C8	11 Aug 2020	2	17.34	80.51	8.3	33.63	8.2	24.4	1.81
C8	11 Aug 2020	3	16.19	79.42	8.4	33.74	8.2	24.7	1.94
C8	11 Aug 2020	4	15.56	79.30	8.7	33.63	8.2	24.8	2.24
C8	11 Aug 2020	5	15.24	79.63	8.7	33.60	8.2	24.8	2.73
C8	11 Aug 2020	6	14.41	80.24	8.5	33.65	8.2	25.1	3.03
C8	11 Aug 2020	7	14.19	80.27	8.2	33.57	8.2	25.0	3.43
C8	11 Aug 2020	8	13.80	79.79	8.0	33.63	8.2	25.2	4.00
C8	11 Aug 2020	9	13.36	78.12	7.5	33.63	8.1	25.3	4.48
C8	11 Aug 2020	10	13.24	77.20	7.1	33.63	8.1	25.3	5.93
C8	11 Aug 2020	11	12.76	77.86	6.6	33.67	8.0	25.4	6.90
C8	11 Aug 2020	12	12.67	82.72	6.2	33.64	8.0	25.4	6.75
C8	11 Aug 2020	13	12.60	84.32	5.9	33.64	8.0	25.4	5.62
C8	11 Aug 2020	14	12.52	86.16	5.8	33.65	8.0	25.4	4.20
C8	11 Aug 2020	15	12.40	86.81	5.7	33.65	8.0	25.5	3.41
C8	11 Aug 2020	16	12.25	88.00	5.6	33.67	8.0	25.5	2.82
C8	11 Aug 2020	17	11.98	89.08	5.3	33.67	7.9	25.6	2.24
C8	11 Aug 2020	18	11.99	89.31	5.2	33.66	7.9	25.5	1.76
C8	11 Aug 2020	19	11.97	89.26	5.2	33.66	7.9	25.6	1.41

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C8	17 Aug 2020	1	22.14	88.54	7.6	33.71	8.2	23.2	0.99
C8	17 Aug 2020	2	22.13	88.44	7.6	33.71	8.2	23.2	1.05
C8	17 Aug 2020	3	22.09	88.25	7.6	33.71	8.2	23.2	1.22
C8	17 Aug 2020	4	21.88	88.30	7.6	33.70	8.2	23.3	1.47
C8	17 Aug 2020	5	21.33	87.41	7.7	33.69	8.2	23.4	2.25
C8	17 Aug 2020	6	21.10	84.33	7.6	33.69	8.2	23.5	2.88
C8	17 Aug 2020	7	20.47	82.62	7.5	33.69	8.2	23.6	3.30
C8	17 Aug 2020	8	18.93	80.32	8.0	33.66	8.2	24.0	3.46
C8	17 Aug 2020	9	18.41	78.79	8.2	33.63	8.2	24.1	3.40
C8	17 Aug 2020	10	17.96	79.87	8.3	33.62	8.2	24.2	3.34
C8	17 Aug 2020	11	17.47	80.86	8.3	33.61	8.2	24.3	3.46
C8	17 Aug 2020	12	16.12	80.61	8.1	33.61	8.2	24.6	3.62
C8	17 Aug 2020	13	14.80	80.33	7.9	33.57	8.1	24.9	3.61
C8	17 Aug 2020	14	14.43	81.05	7.7	33.55	8.1	25.0	3.82
C8	17 Aug 2020	15	14.05	81.68	7.5	33.55	8.1	25.1	4.08
C8	17 Aug 2020	16	13.66	81.88	7.4	33.54	8.1	25.1	4.65
C8	17 Aug 2020	17	13.60	81.55	7.3	33.54	8.1	25.1	4.73
C8	17 Aug 2020	18	13.51	81.45	7.2	33.55	8.1	25.2	4.75
C8	17 Aug 2020	19	13.50	81.63	7.1	33.55	8.0	25.2	4.60
C8	27 Aug 2020	1	19.82	77.86	8.7	33.56	8.2	23.7	2.00
C8	27 Aug 2020	2	19.69	78.07	8.7	33.58	8.2	23.8	2.34
C8	27 Aug 2020	3	19.56	77.72	8.8	33.57	8.2	23.8	2.94
C8	27 Aug 2020	4	19.46	77.86	8.9	33.56	8.2	23.8	3.30
C8	27 Aug 2020	5	19.40	78.76	8.9	33.56	8.2	23.8	3.40
C8	27 Aug 2020	6	19.27	79.68	8.9	33.55	8.2	23.8	3.41
C8	27 Aug 2020	7	19.23	79.79	8.9	33.55	8.2	23.9	3.54
C8	27 Aug 2020	8	18.73	79.80	8.9	33.53	8.2	24.0	3.85
C8	27 Aug 2020	9	18.38	80.39	8.9	33.52	8.2	24.0	4.08
C8	27 Aug 2020	10	18.44	80.53	8.8	33.50	8.2	24.0	4.33
C8	27 Aug 2020	11	18.06	80.47	8.7	33.51	8.2	24.1	4.57
C8	27 Aug 2020	12	17.66	80.17	8.6	33.52	8.2	24.2	5.04
C8	27 Aug 2020	13	17.62	78.95	8.6	33.51	8.2	24.2	5.47
C8	27 Aug 2020	14	17.04	78.40	8.3	33.53	8.1	24.4	5.72
C8	27 Aug 2020	15	16.30	80.05	8.1	33.52	8.1	24.5	5.54
C8	27 Aug 2020	16	15.43	82.75	7.8	33.53	8.1	24.7	4.66
C8	27 Aug 2020	17	14.91	84.90	7.6	33.50	8.0	24.8	3.28
C8	27 Aug 2020	18	14.80	85.74	7.4	33.50	8.0	24.9	2.75
C8	27 Aug 2020	19	14.67	86.00	7.4	33.50	8.0	24.9	2.42
C8	31 Aug 2020	1	16.64	82.98	8.3	33.45	8.1	24.4	2.00
C8	31 Aug 2020	2	15.97	83.11	8.3	33.44	8.1	24.6	2.24
C8	31 Aug 2020	3	14.84	83.44	8.5	33.42	8.1	24.8	2.48
C8	31 Aug 2020	4	14.69	84.11	8.6	33.40	8.1	24.8	2.27
C8	31 Aug 2020	5	14.48	84.93	8.6	33.39	8.1	24.8	2.09
C8	31 Aug 2020	6	14.17	85.68	8.5	33.39	8.1	24.9	2.55
C8	31 Aug 2020	7	13.89	85.61	8.4	33.39	8.1	25.0	3.36
C8	31 Aug 2020	8	13.69	84.88	8.2	33.41	8.0	25.0	4.18
C8	31 Aug 2020	9	13.53	84.03	7.9	33.44	8.0	25.1	4.40
C8	31 Aug 2020	10	13.29	83.92	7.5	33.48	8.0	25.2	3.31
C8	31 Aug 2020	11	13.10	86.27	7.1	33.49	8.0	25.2	2.79
C8	31 Aug 2020	12	12.96	87.11	6.9	33.50	7.9	25.2	2.46
C8	31 Aug 2020	13	12.87	88.08	6.7	33.51	7.9	25.3	1.87
C8	31 Aug 2020	14	12.83	89.35	6.6	33.51	7.9	25.3	1.42
C8	31 Aug 2020	15	12.83	89.85	6.5	33.51	7.9	25.3	1.31
C8	31 Aug 2020	16	12.83	90.07	6.5	33.52	7.9	25.3	1.24
C8	31 Aug 2020	17	12.84	90.16	6.5	33.52	7.9	25.3	1.15
C8	31 Aug 2020	18	12.84	90.28	6.5	33.52	7.9	25.3	1.12
C8	31 Aug 2020	19	12.84	90.36	6.5	33.52	7.9	25.3	1.11

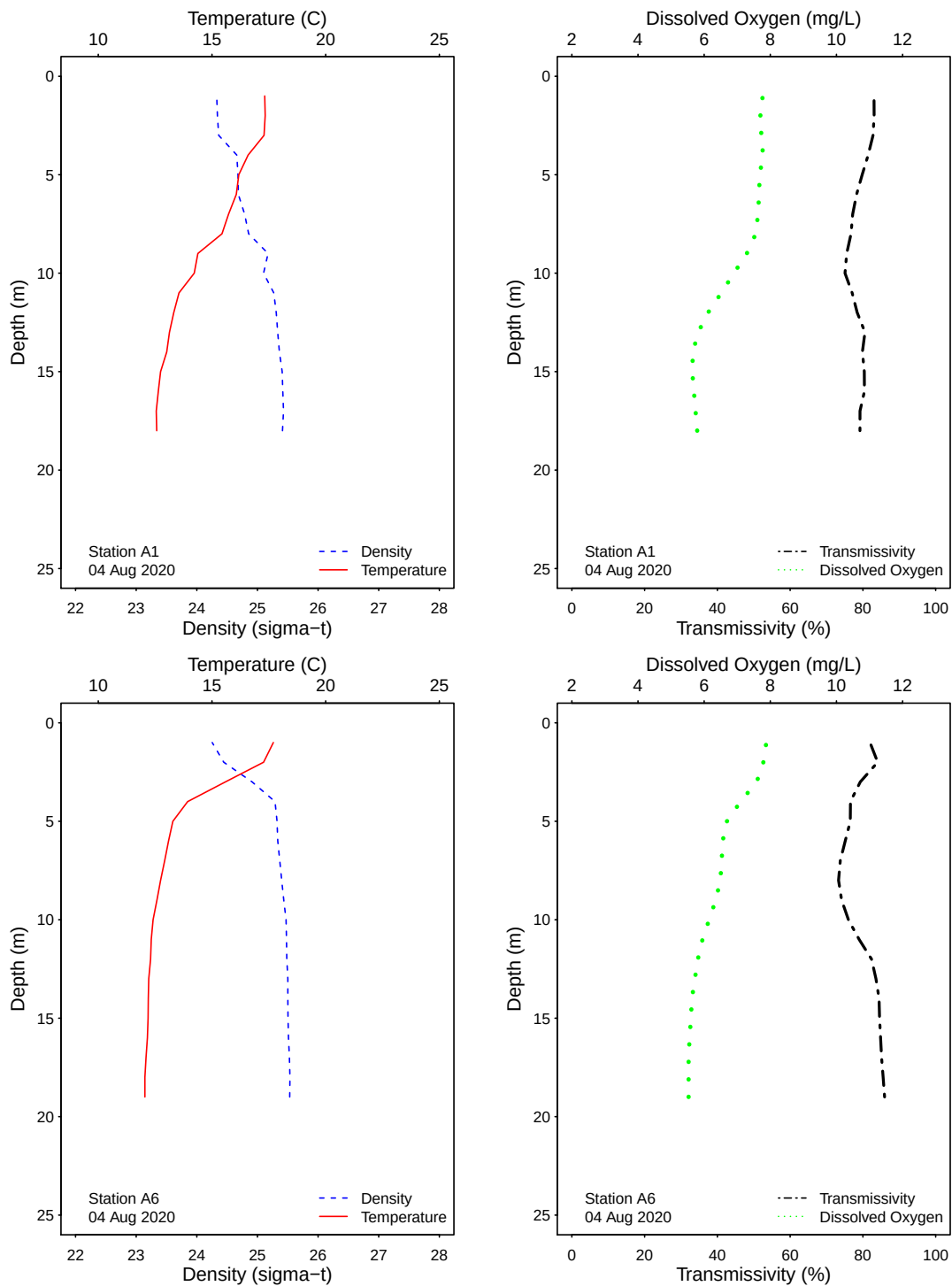


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

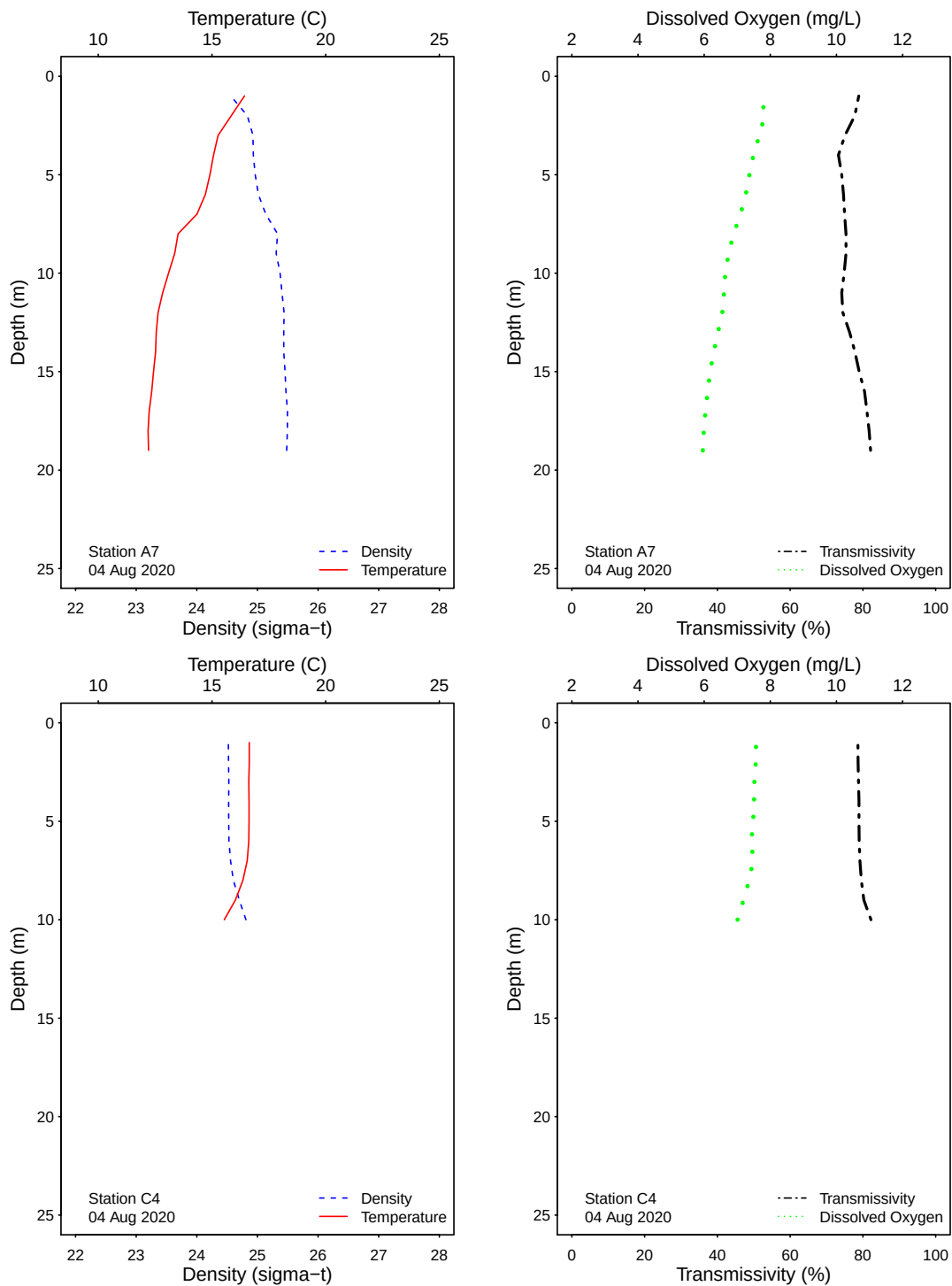


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

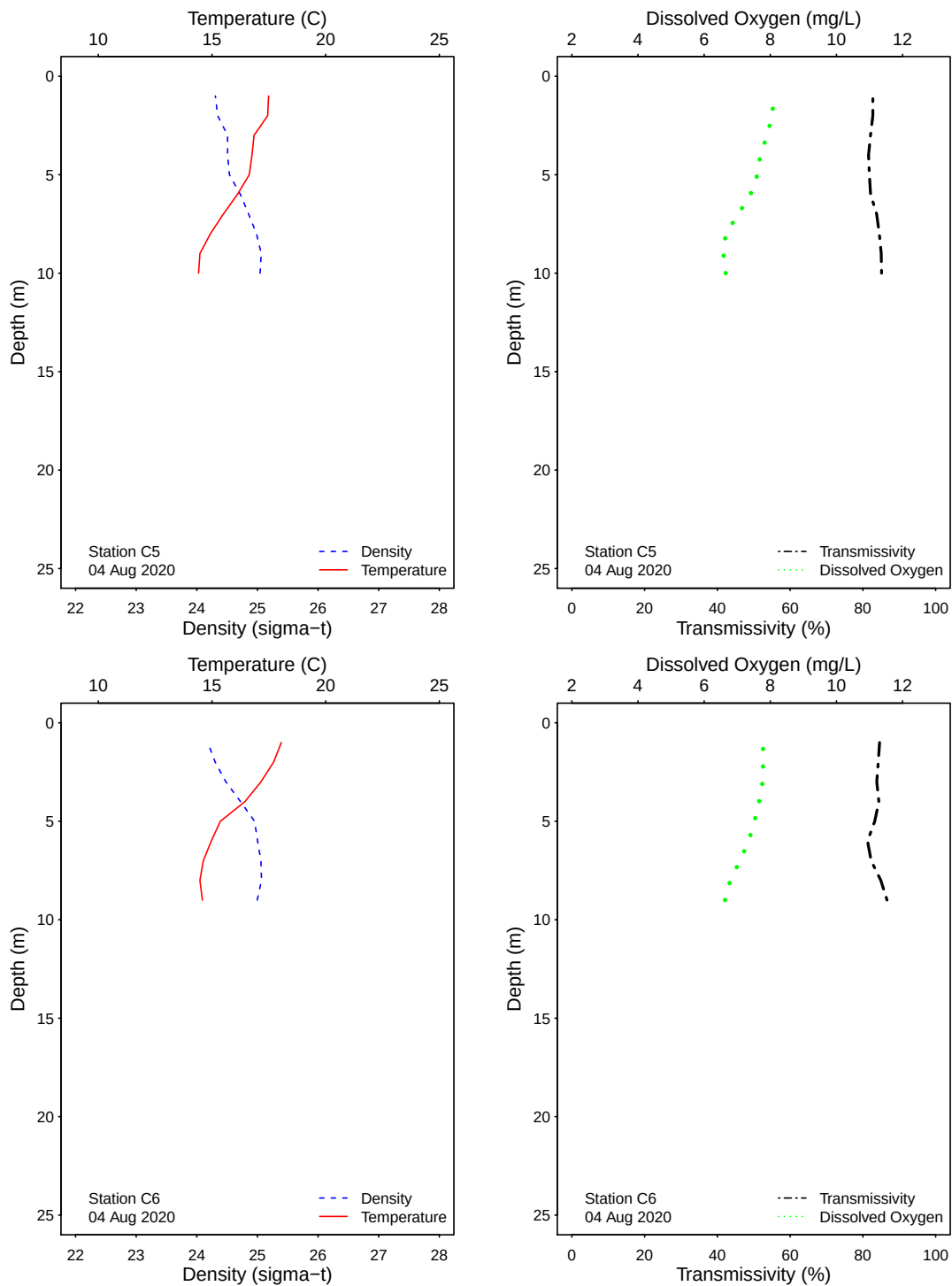


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

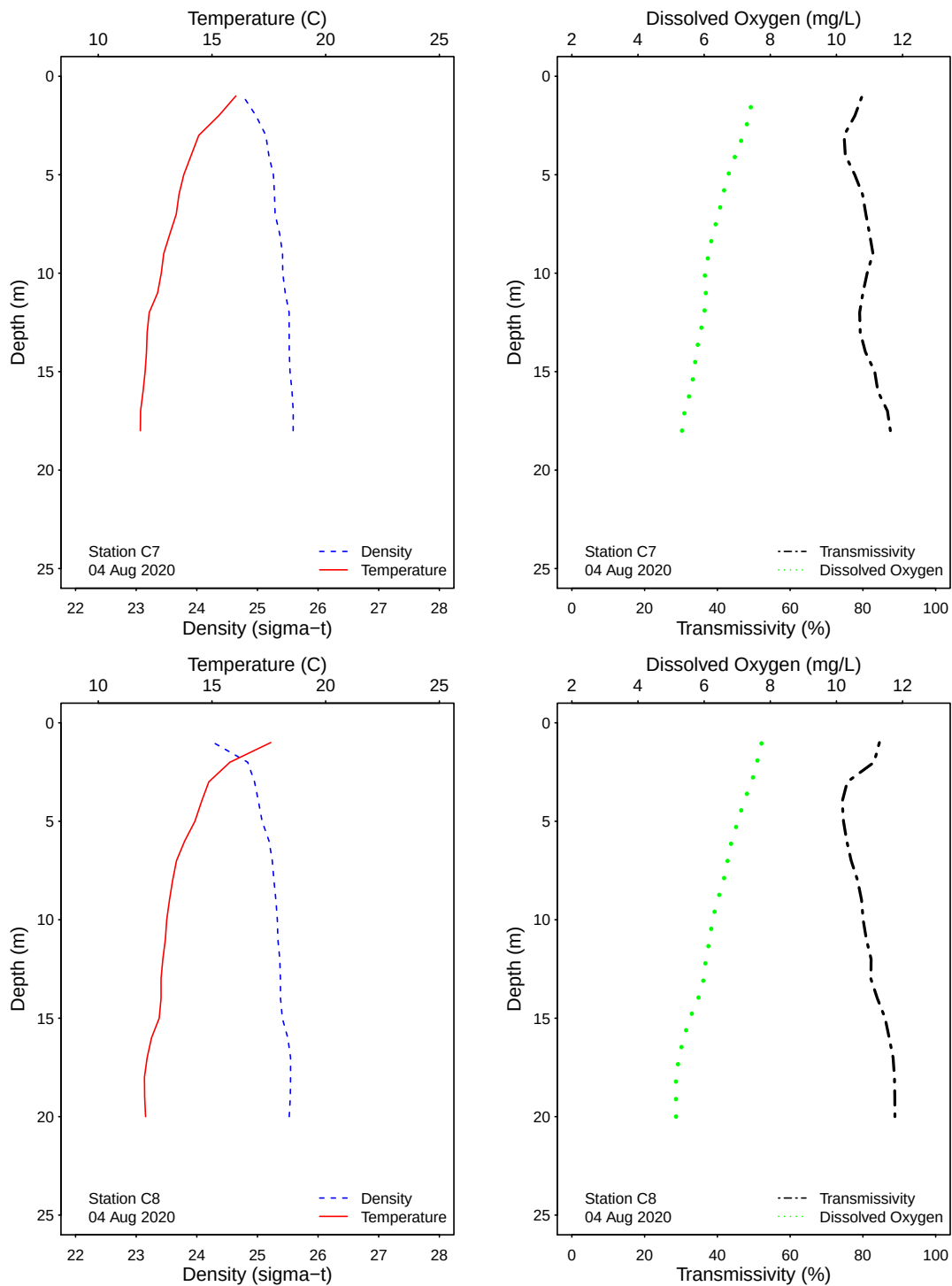


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

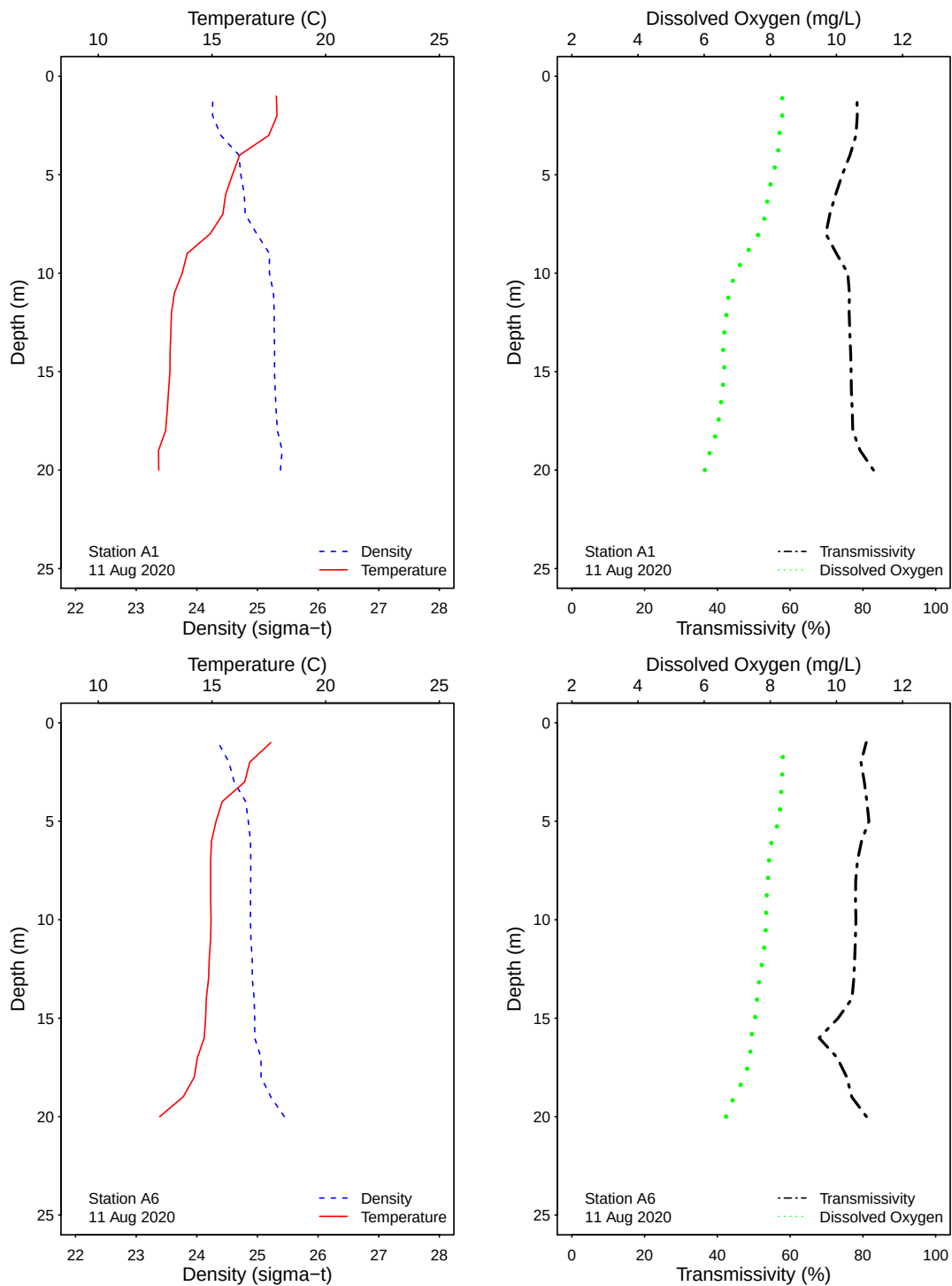


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

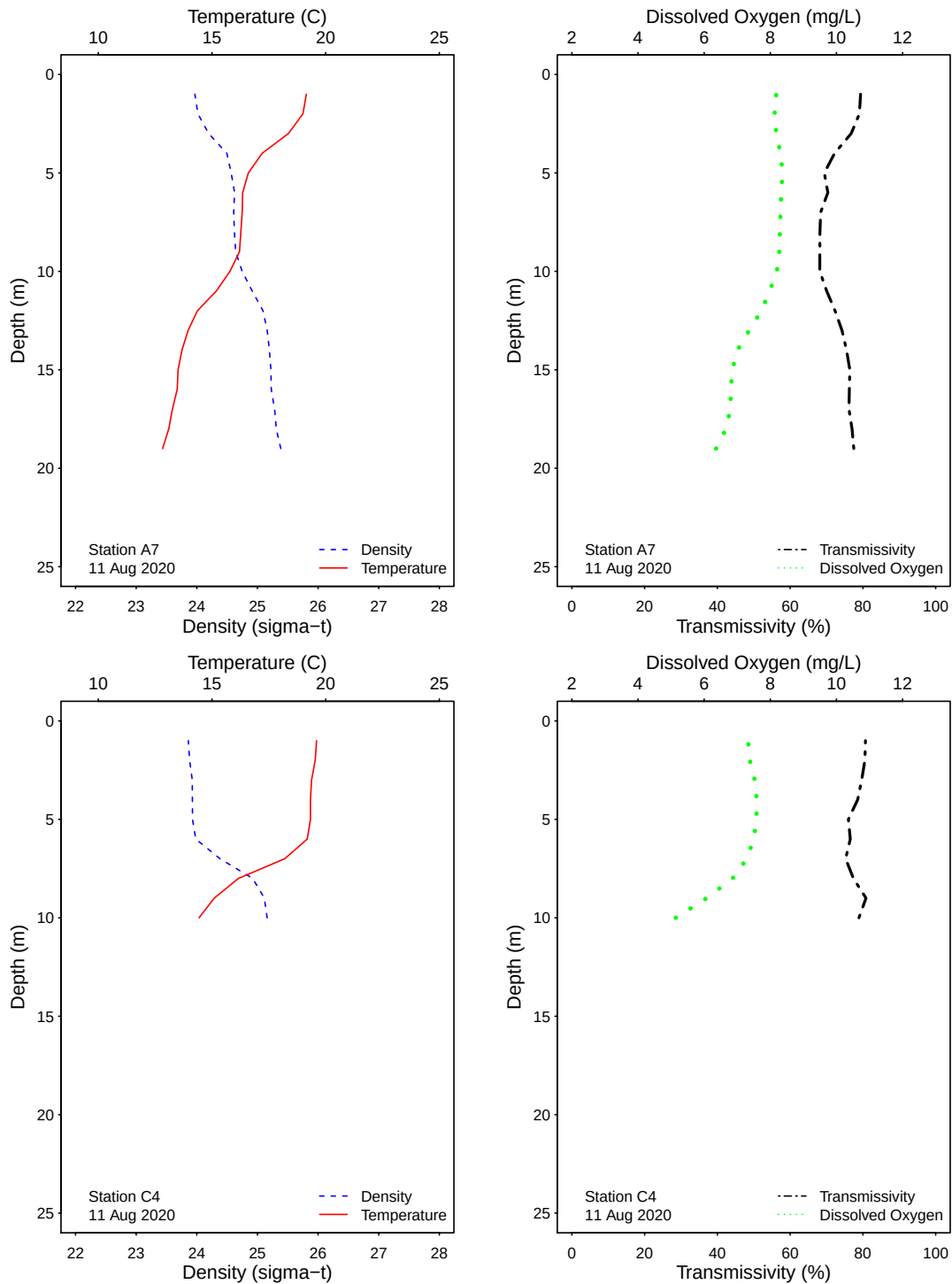


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

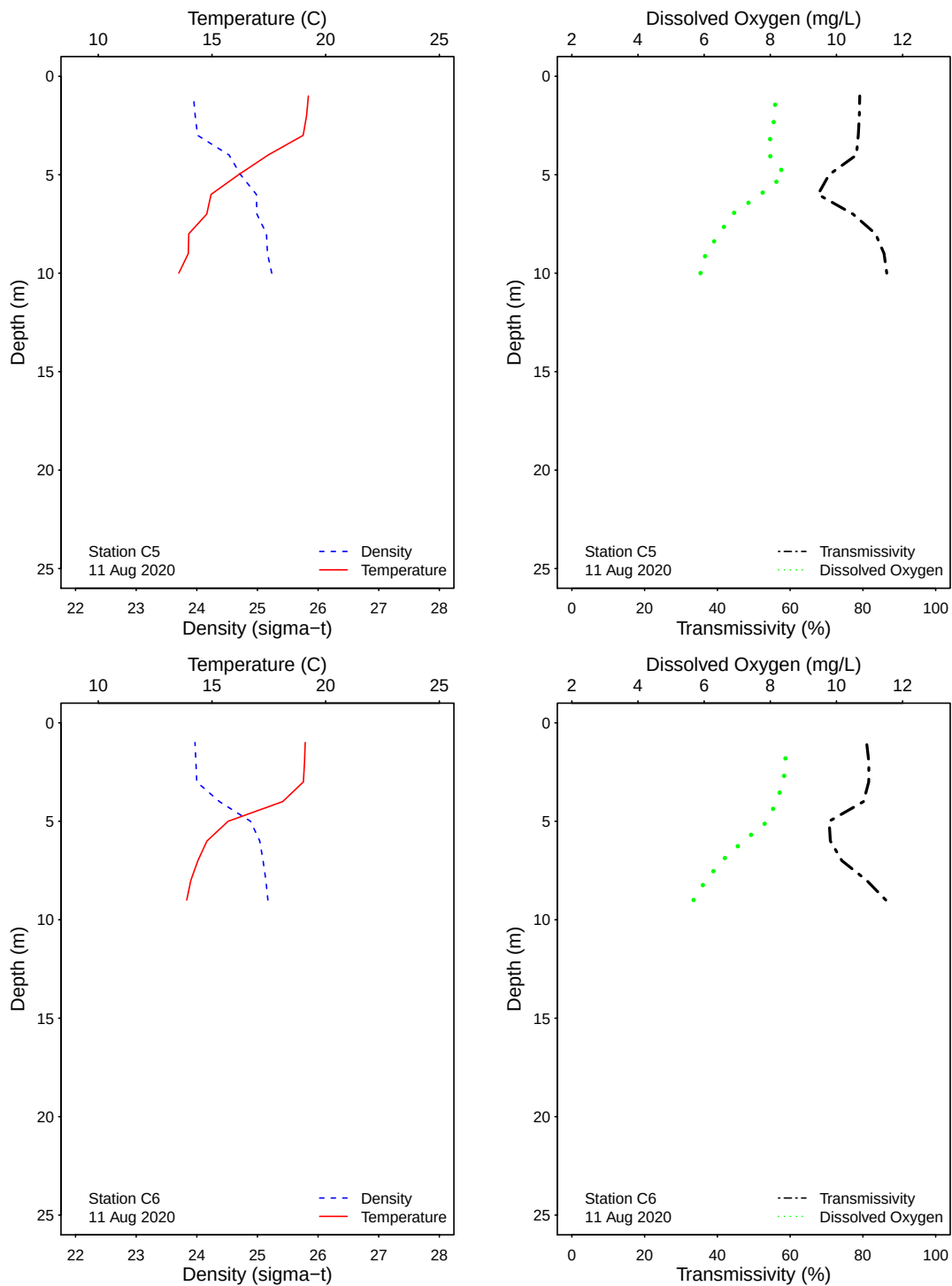


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

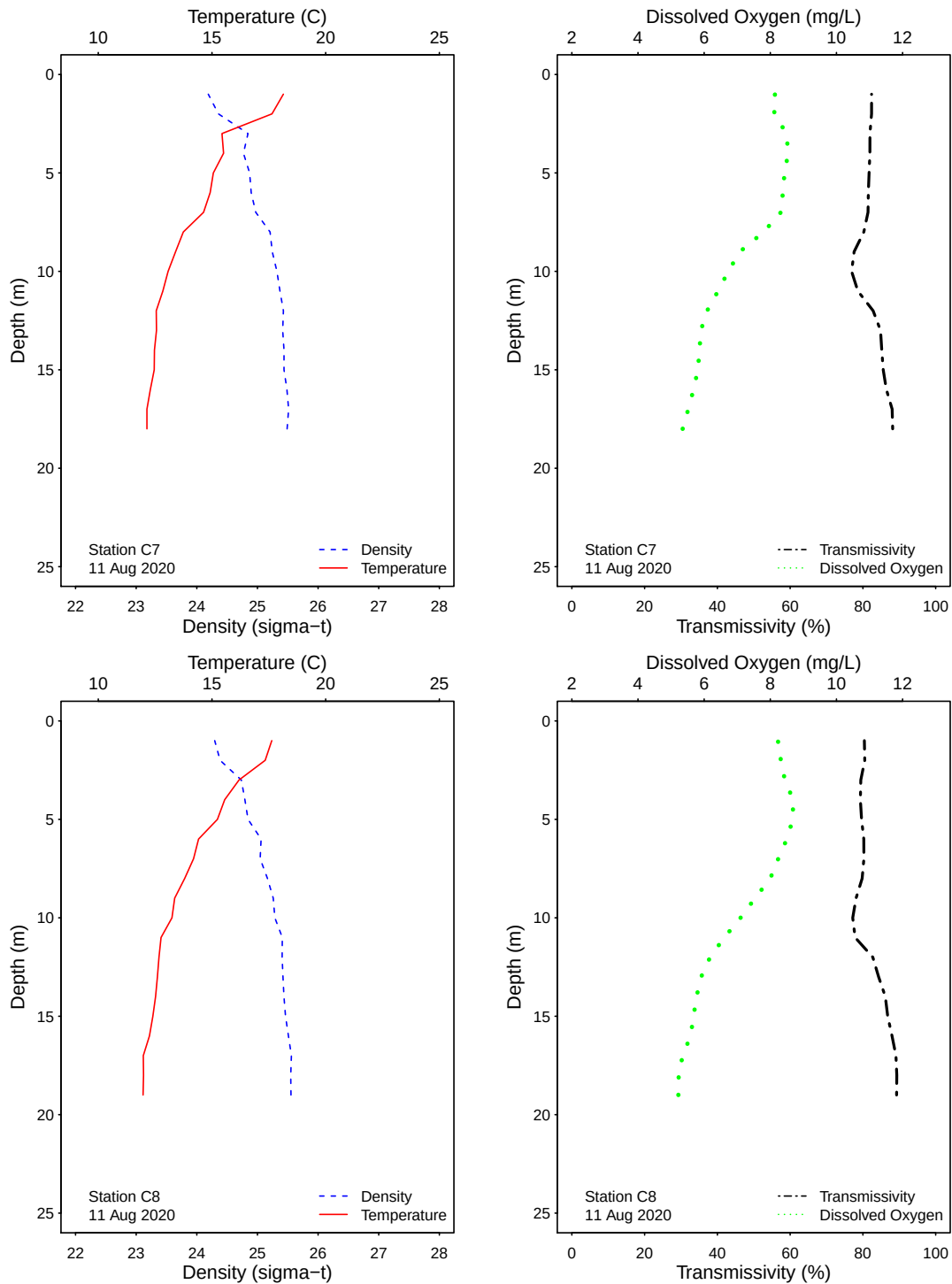


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

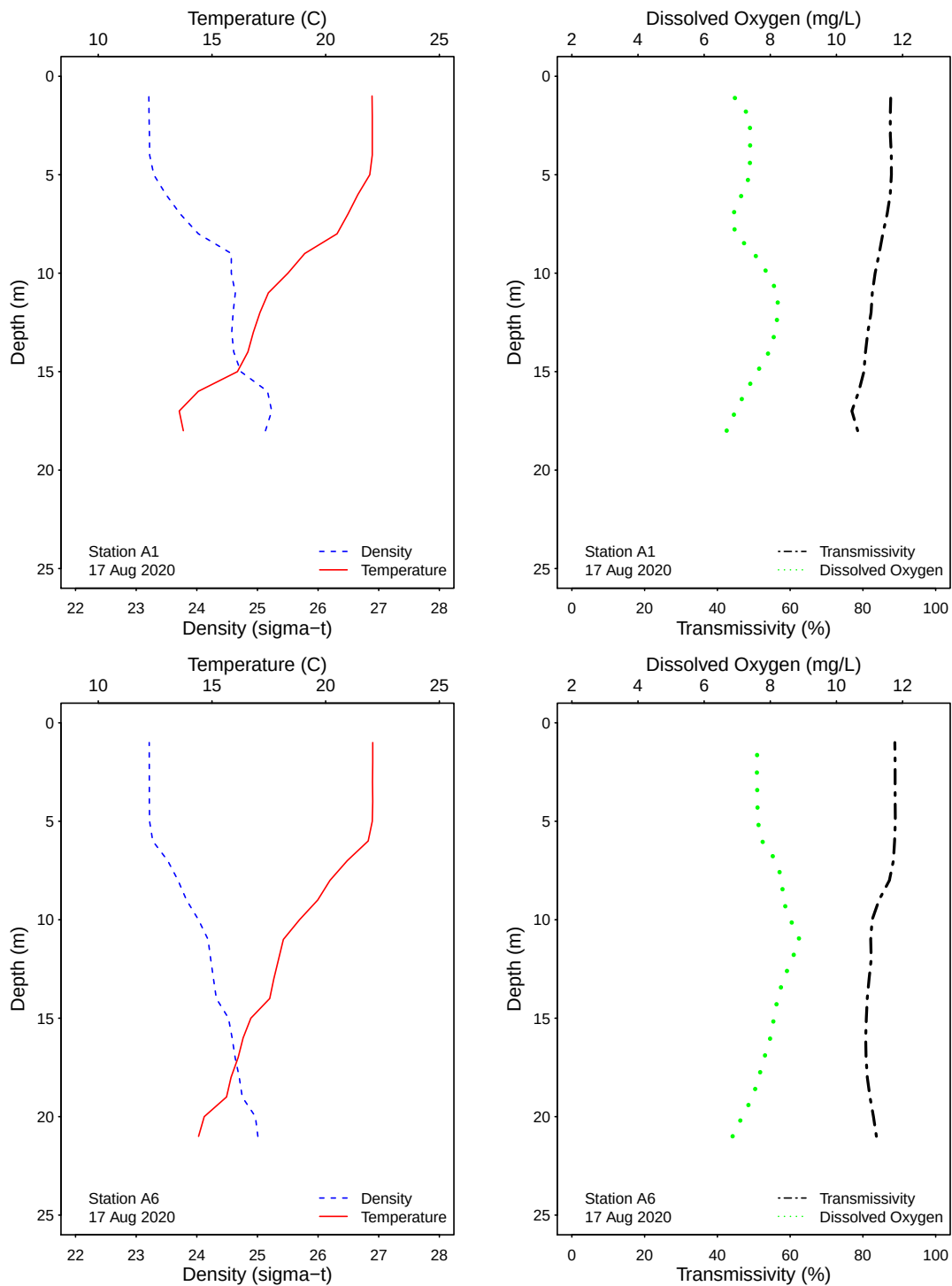


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

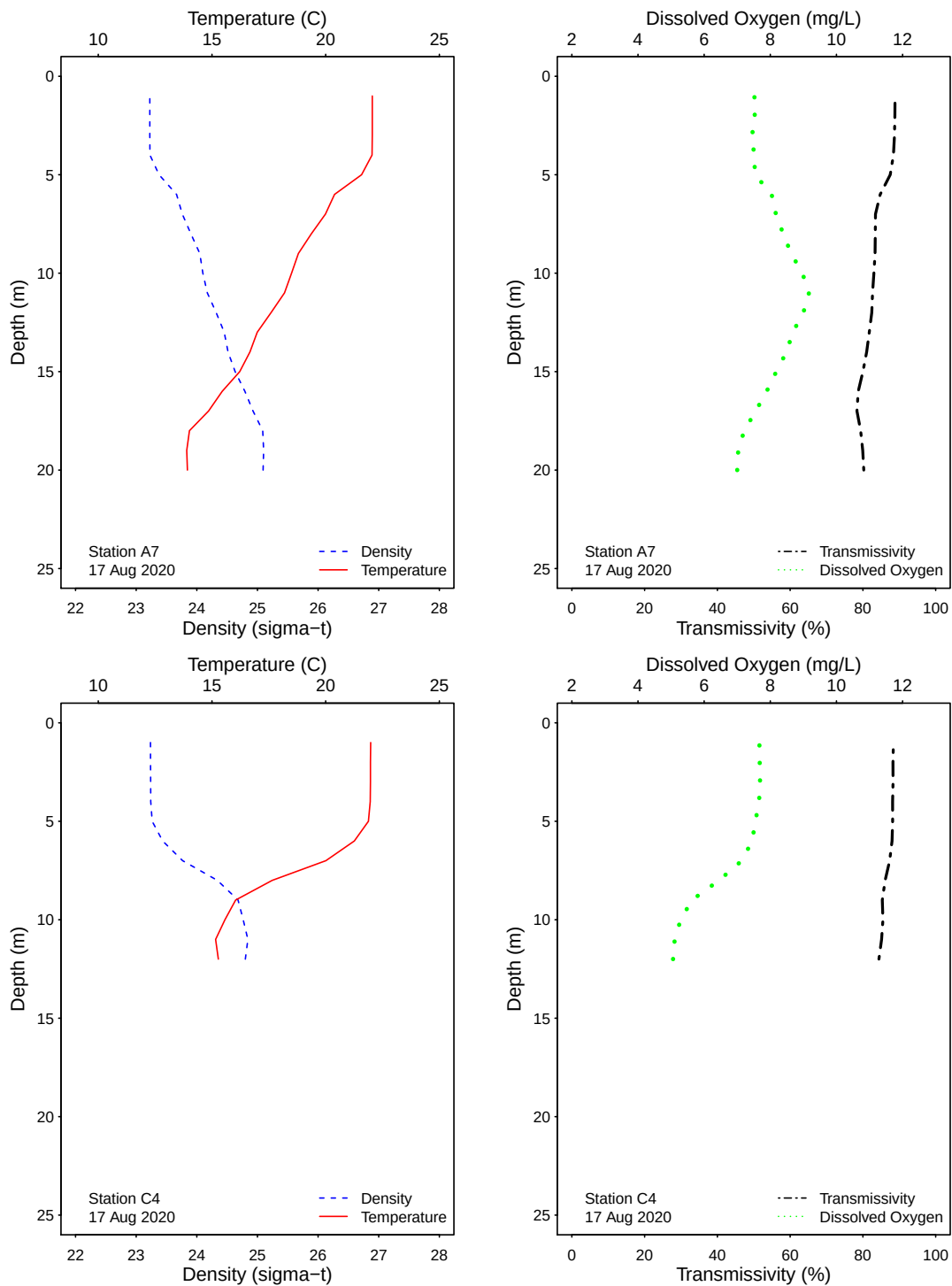


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

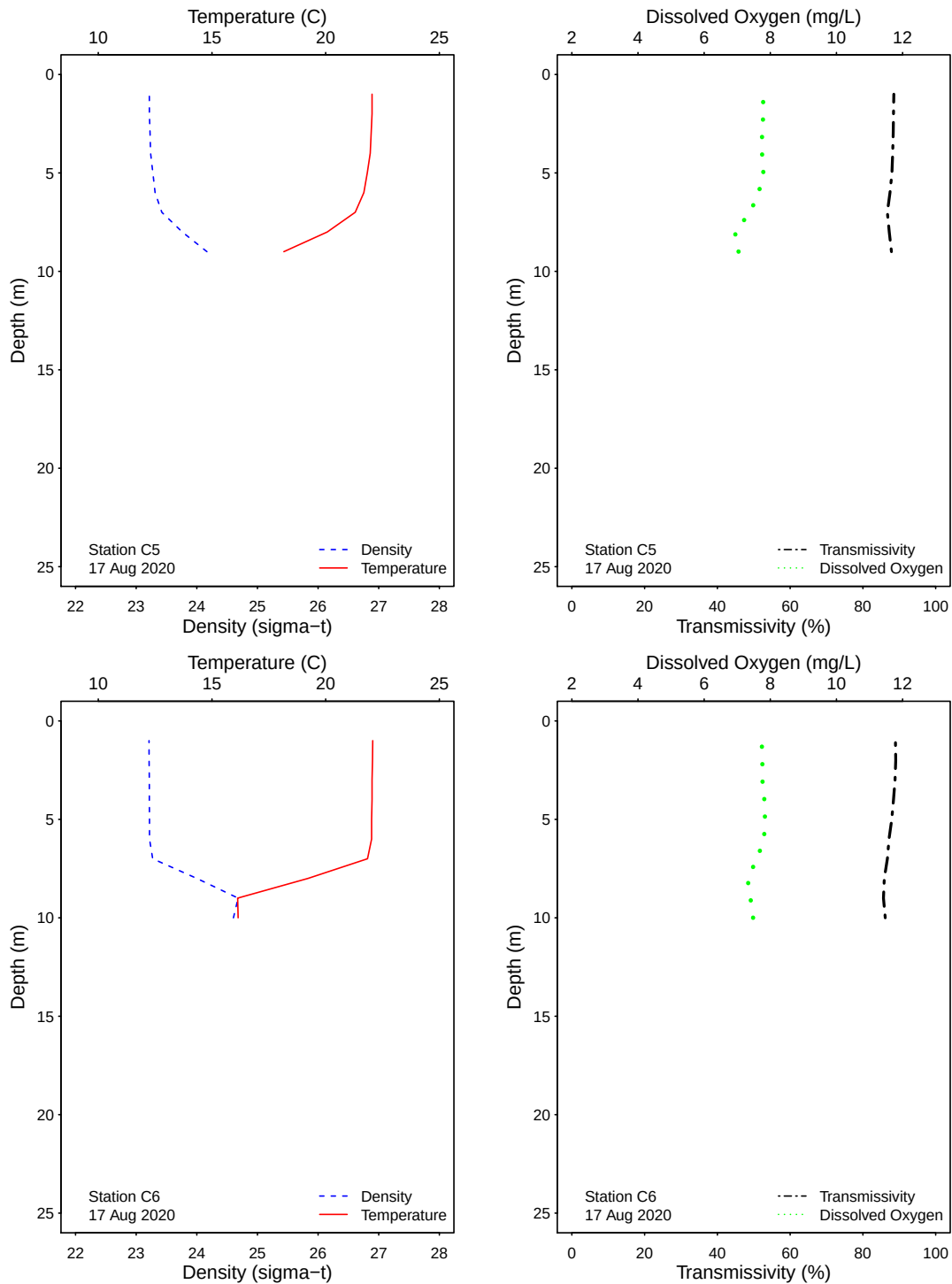


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

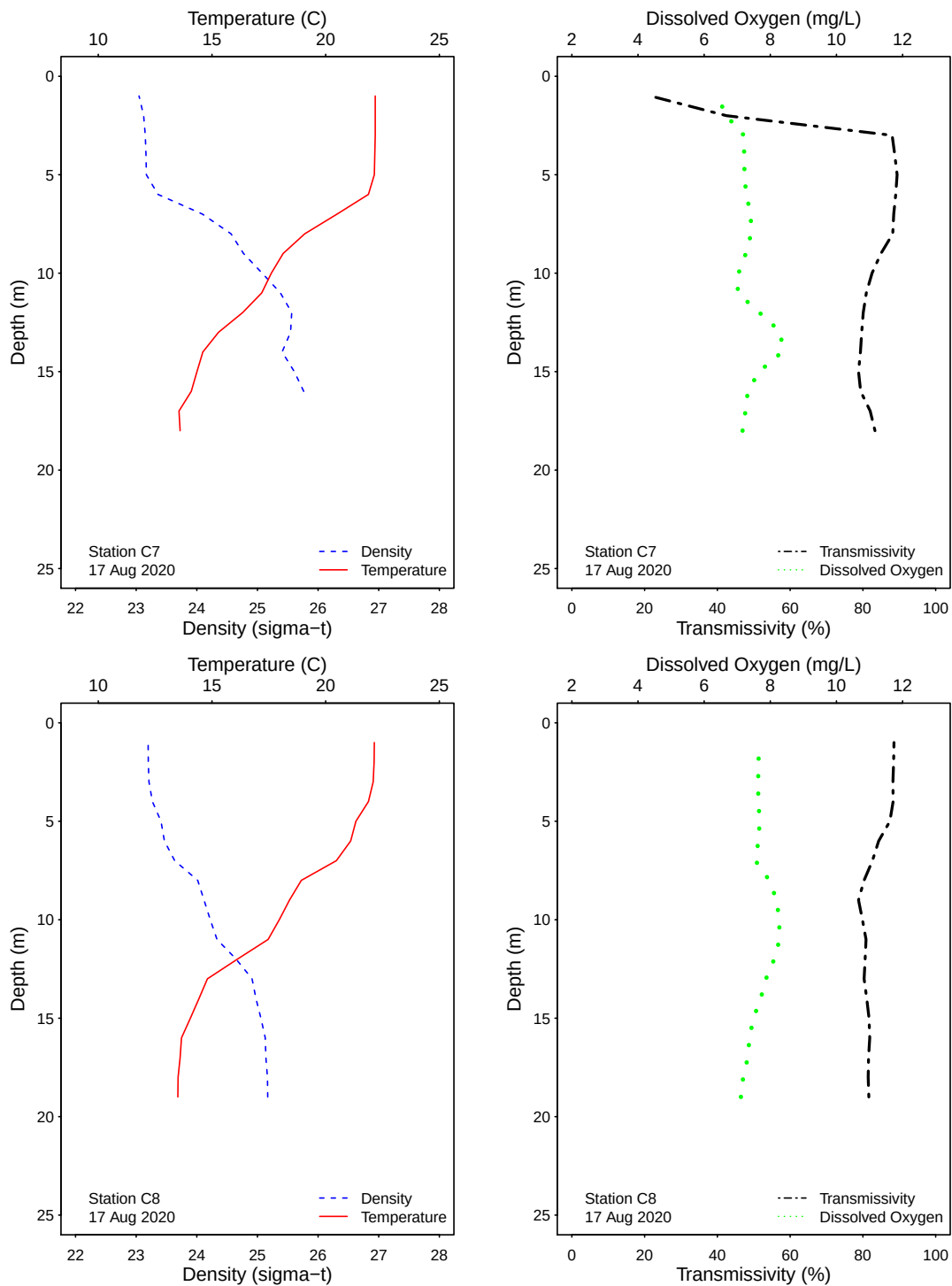


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

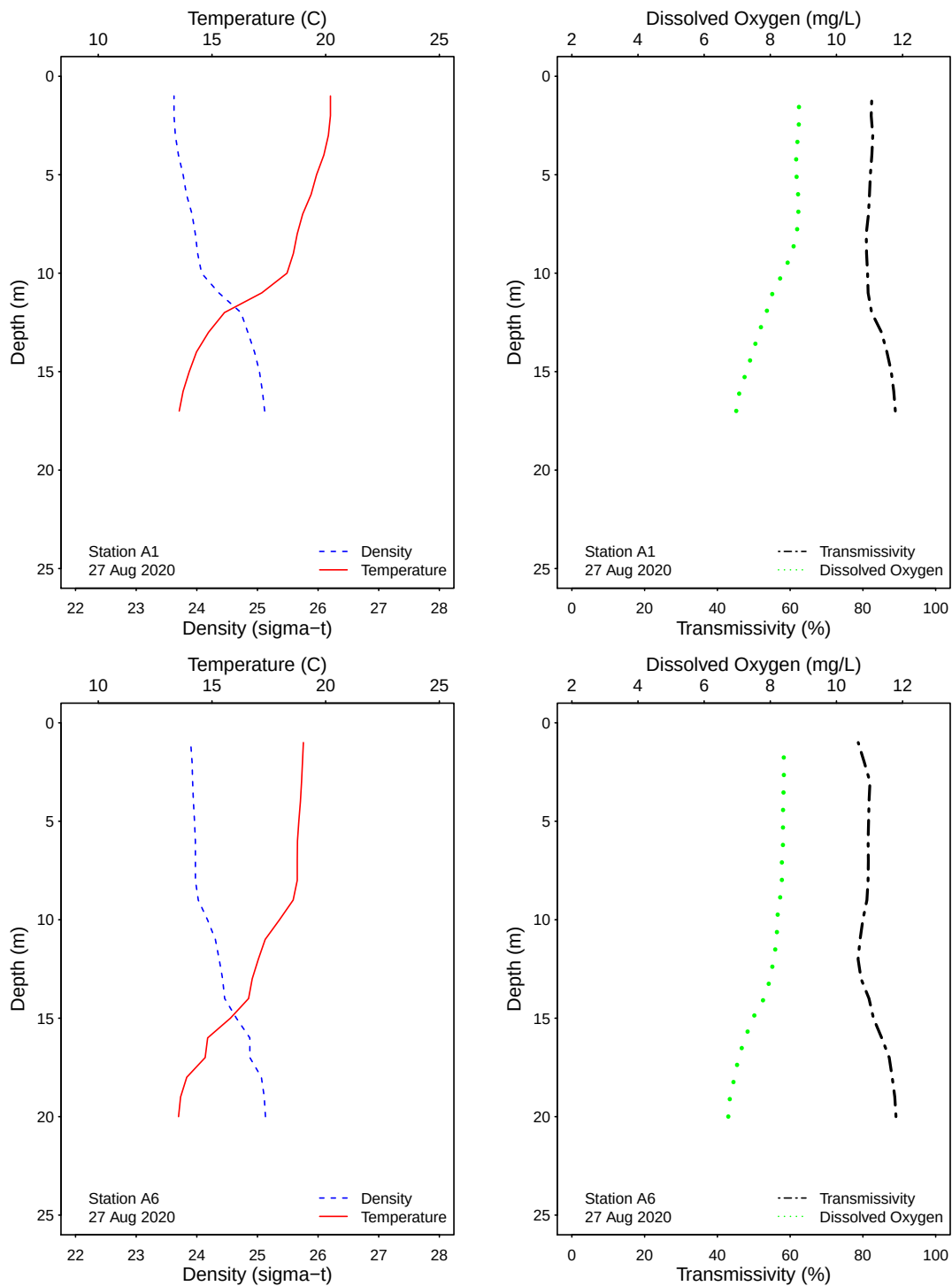


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

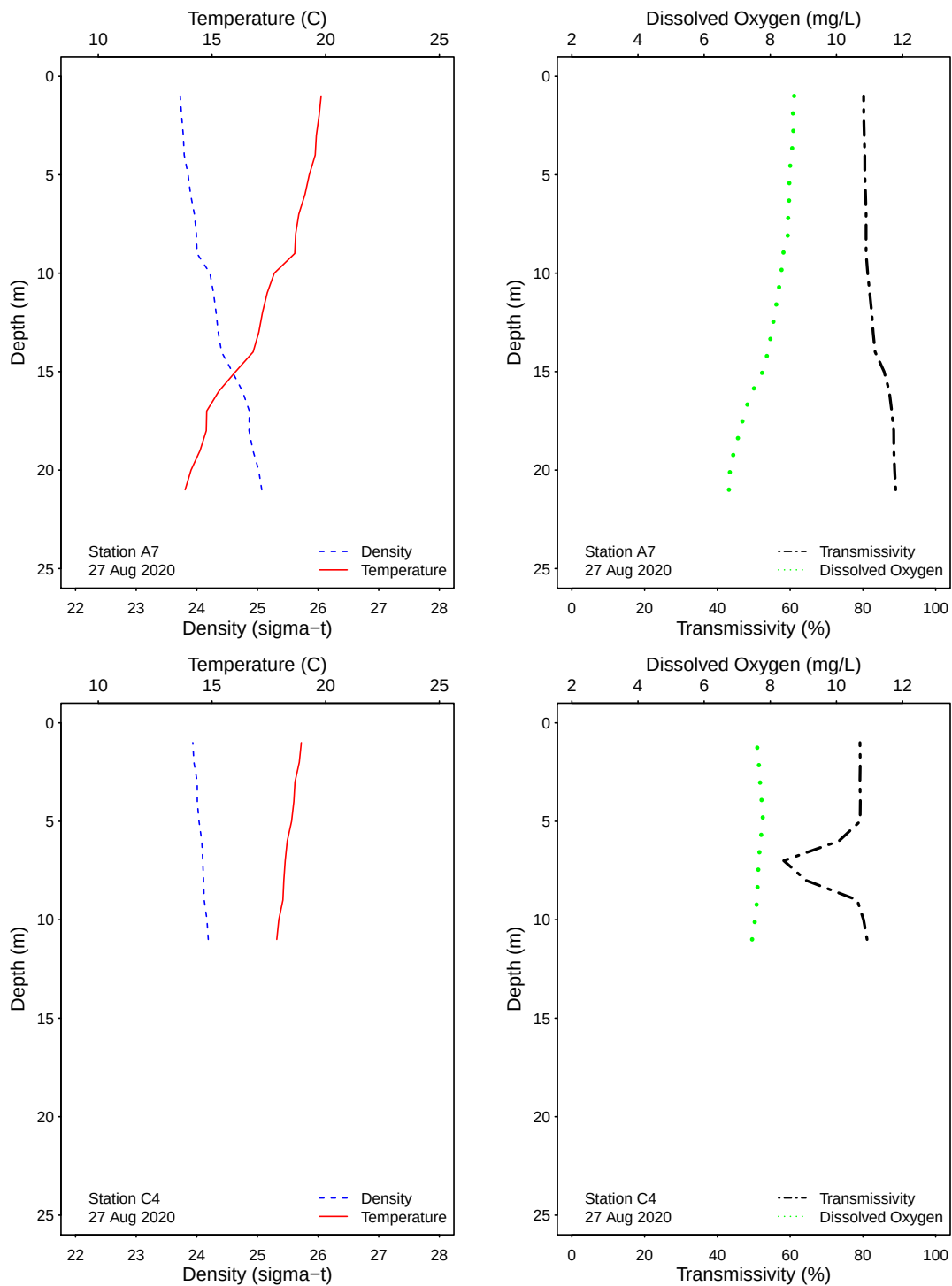


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

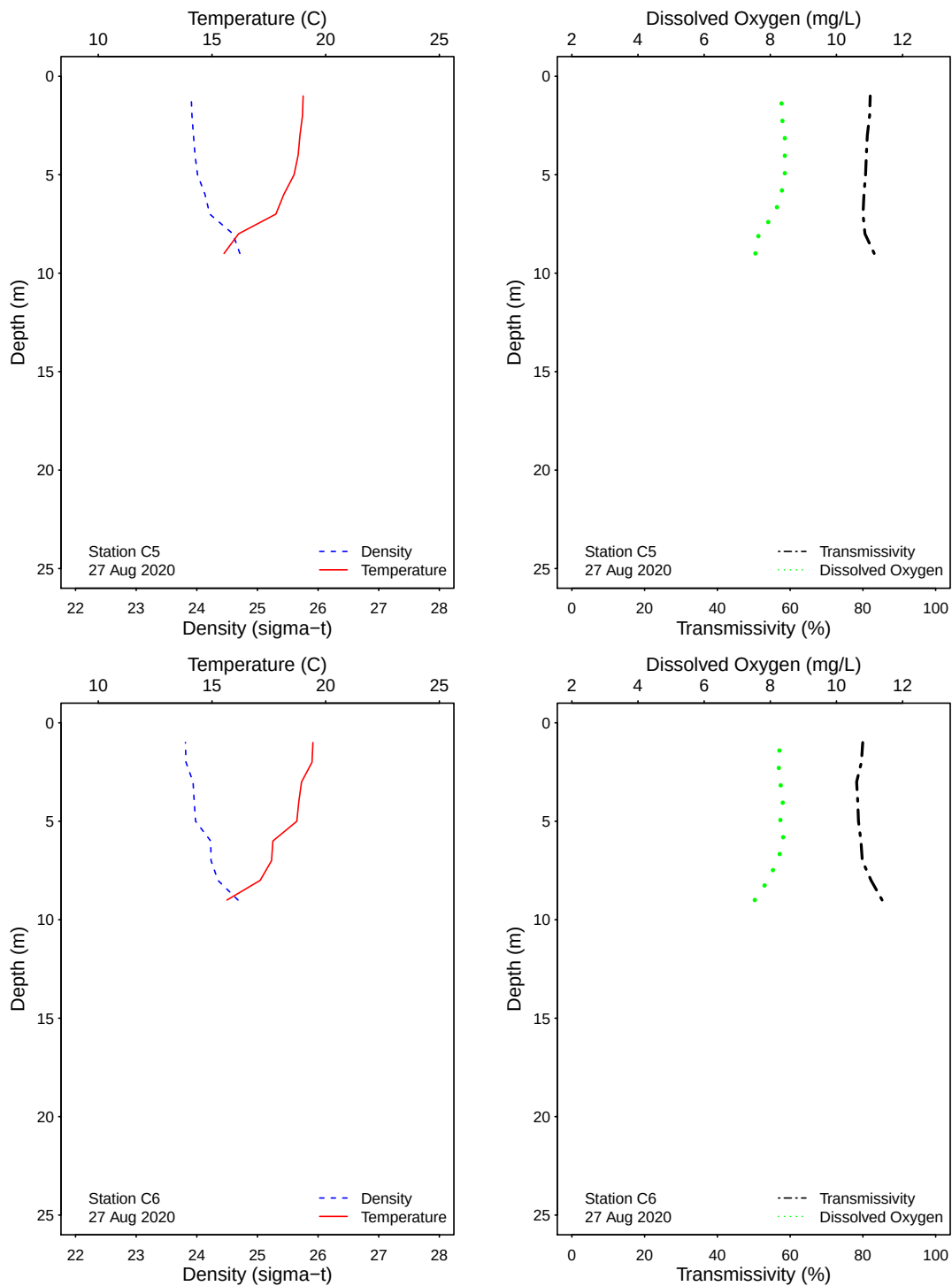


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

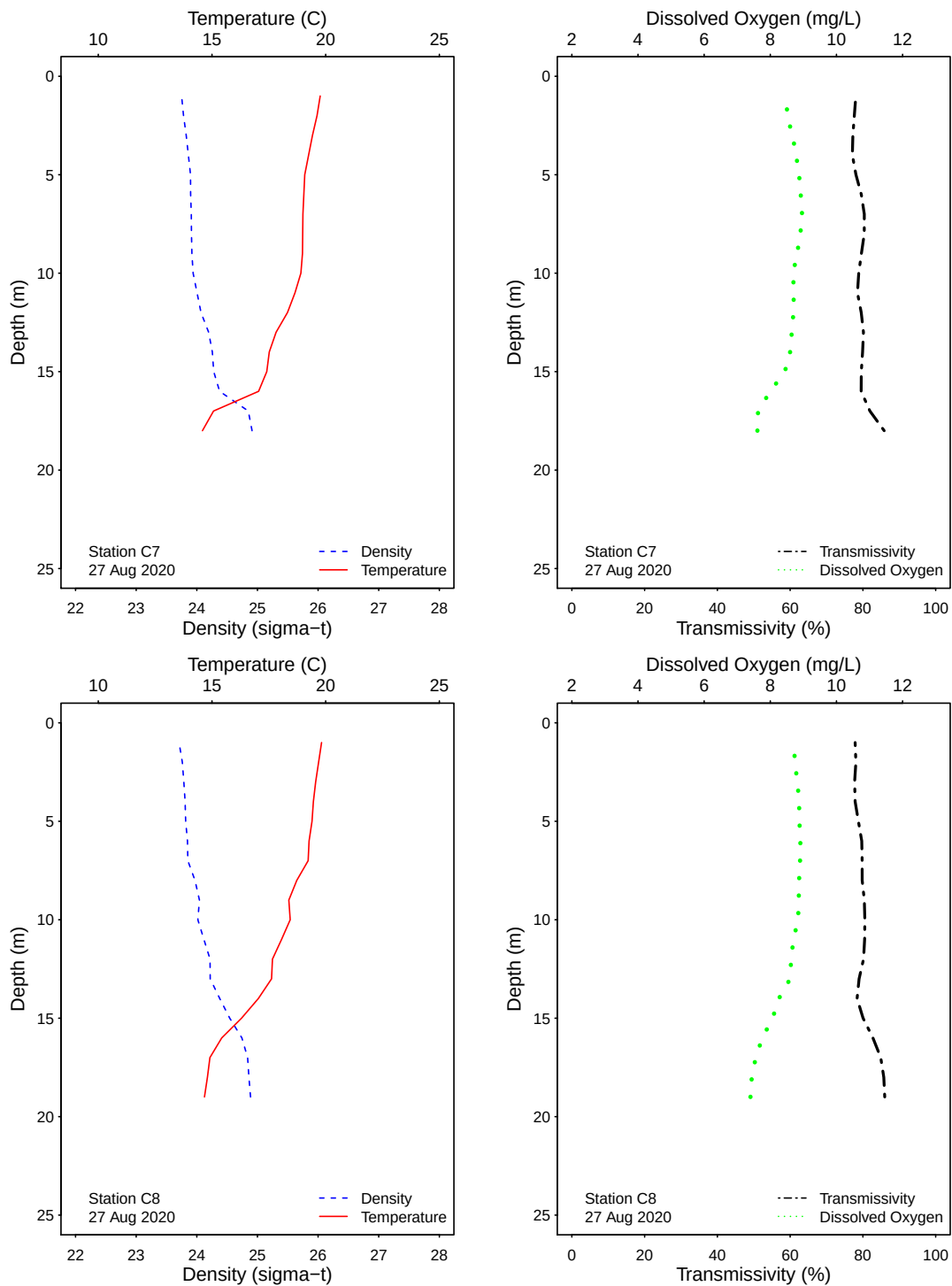


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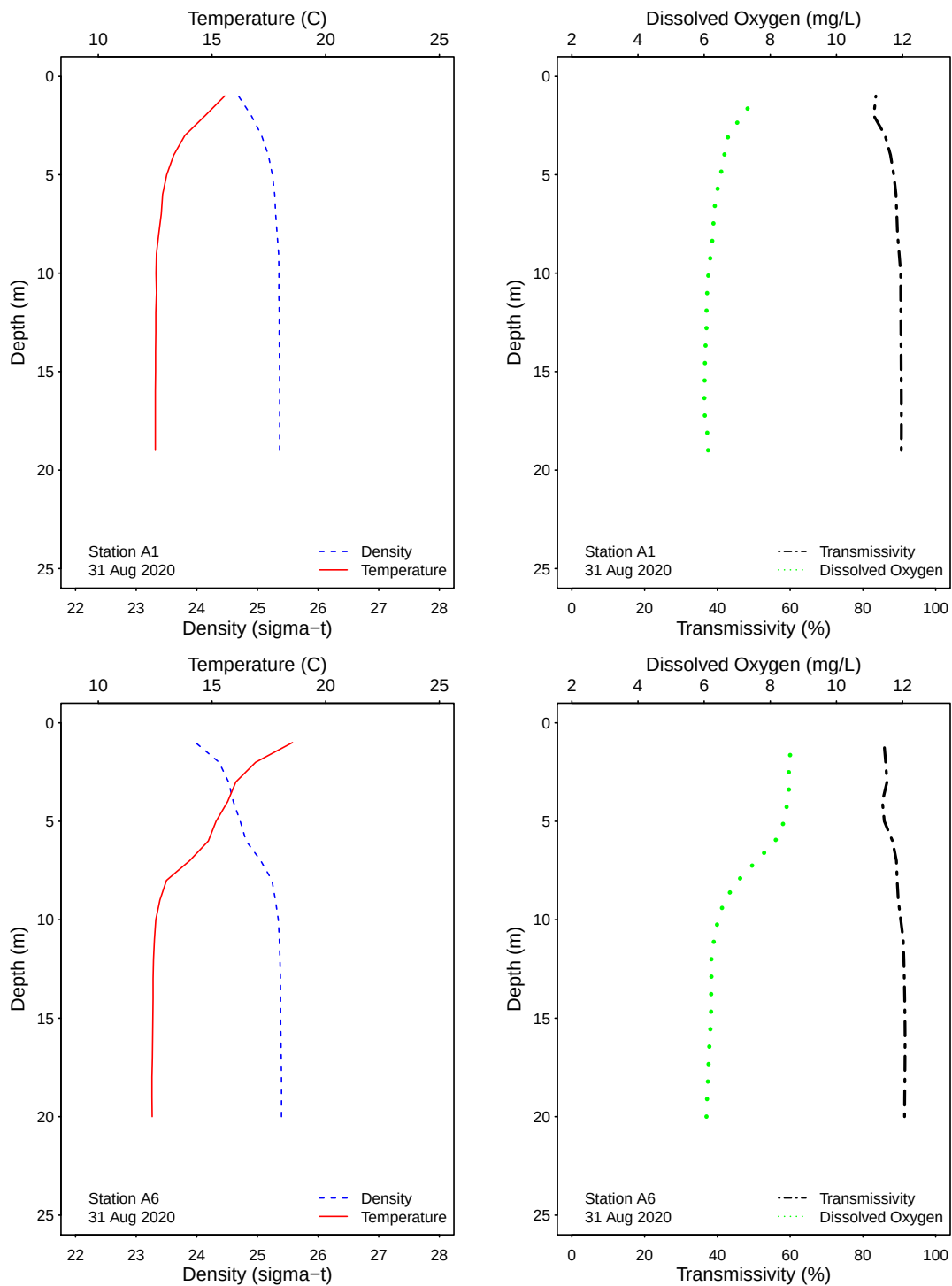


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

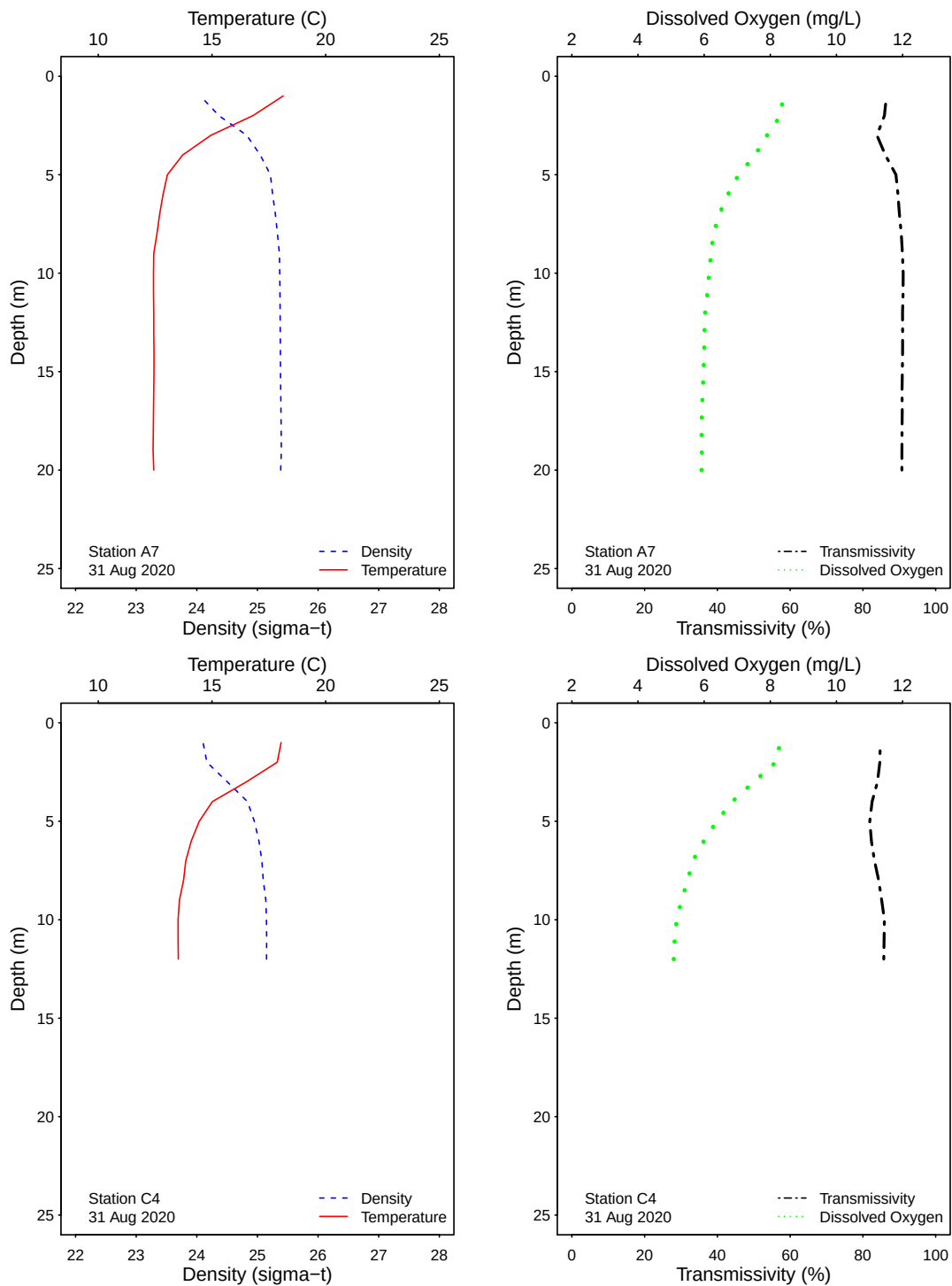


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

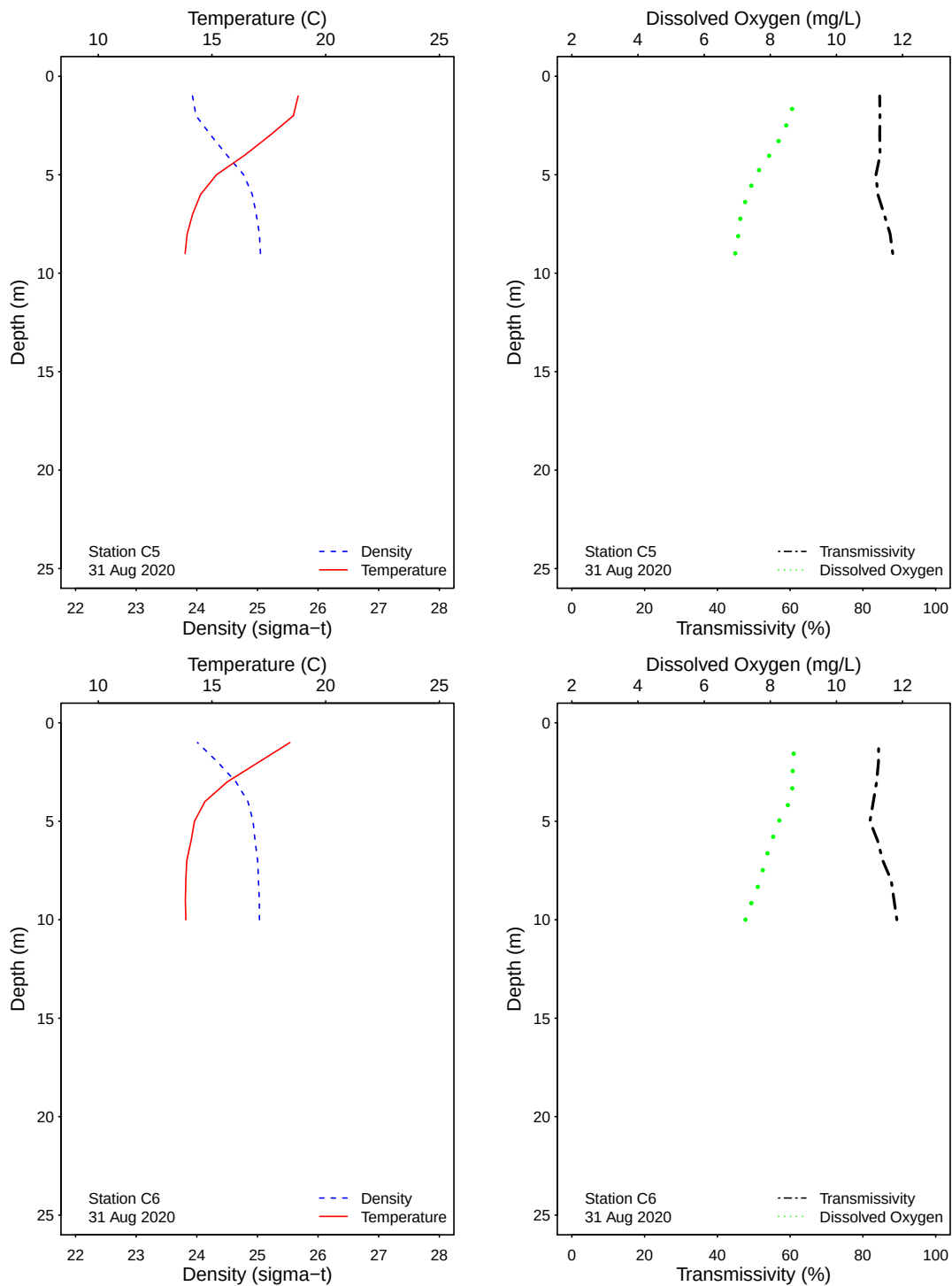


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

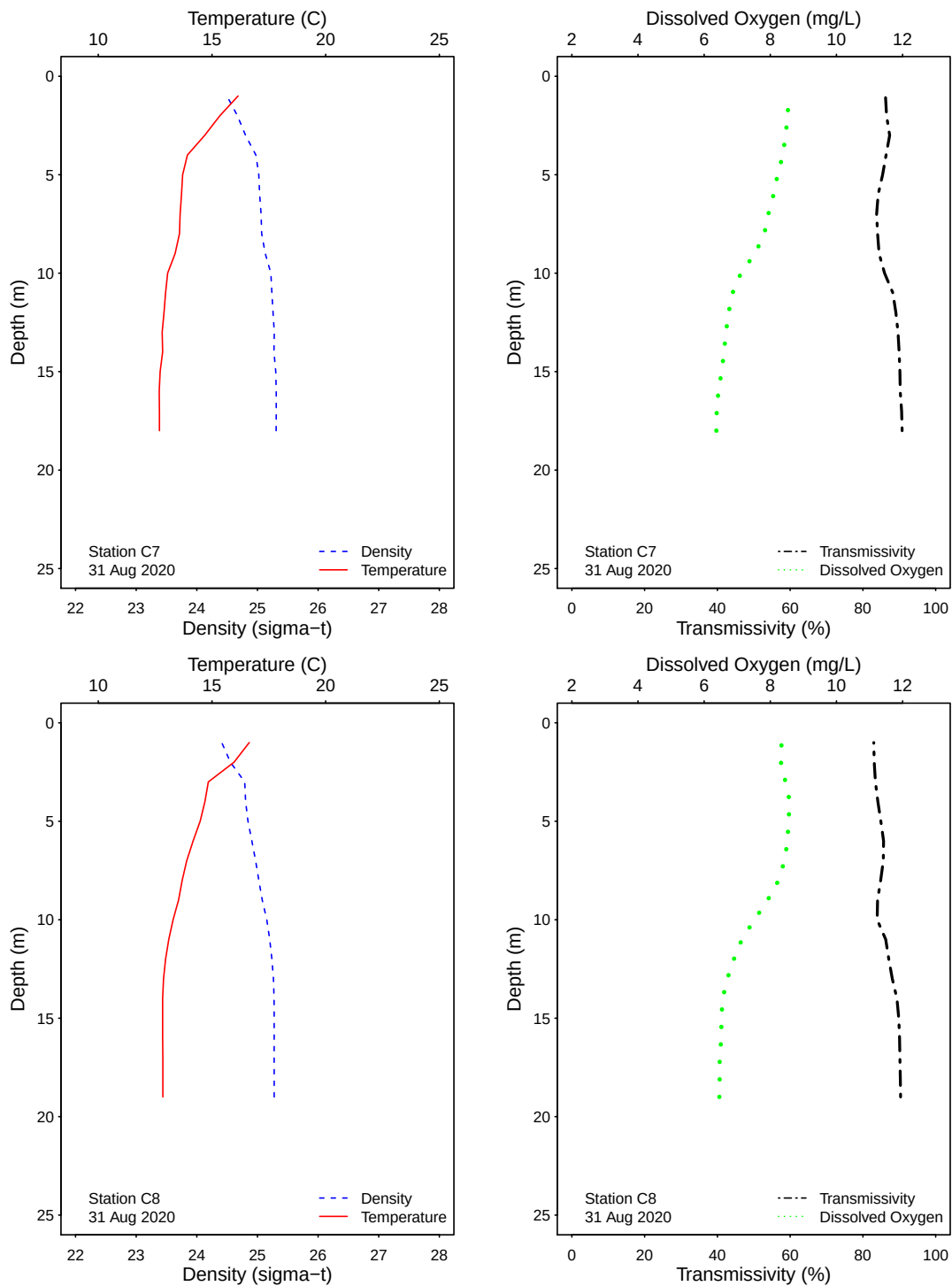


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

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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
19 Aug 2020	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	ns	ns	ns
20 Aug 2020	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	IC	E	IC

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	19 Aug 2020	1244	1	<2	22.6	82.81	8.2	33.68	8.2
F01	19 Aug 2020	1244	12	<2	18.1	74.10	7.7	33.63	8.2
F01	19 Aug 2020	1244	18	<2	12.9	85.51	6.1	33.54	8.0
F02	19 Aug 2020	921	1	<2	23.0	86.80	7.7	33.69	8.2
F02	19 Aug 2020	921	12	<2	15.1	85.13	8.6	33.42	8.2
F02	19 Aug 2020	921	18	<2	14.7	84.71	8.0	33.51	8.1
F03	19 Aug 2020	936	1	<2	22.7	85.88	7.9	33.71	8.2
F03	19 Aug 2020	936	12	<2	15.3	85.62	8.6	33.46	8.2
F03	19 Aug 2020	936	18	<2	15.1	85.03	8.2	33.51	8.1
F04	19 Aug 2020	1219	1	<2	23.8	83.40	7.6	33.78	8.3
F04	19 Aug 2020	1219	25	<2	14.0	89.62	8.1	33.43	8.2
F04	19 Aug 2020	1219	60	<2	11.7	91.46	5.5	33.62	7.9
F05	19 Aug 2020	1207	1	<2	23.7	83.49	7.7	33.77	8.3
F05	19 Aug 2020	1207	25	<2	14.2	90.03	8.3	33.40	8.2
F05	19 Aug 2020	1207	60	<2	11.8	89.78	5.5	33.60	7.9
F06	19 Aug 2020	1153	1	<2	23.7	82.86	7.8	33.76	8.3
F06	19 Aug 2020	1153	25	<2	14.0	89.27	8.1	33.44	8.2
F06	19 Aug 2020	1153	60	<2	11.9	89.30	5.4	33.60	7.9
F07	19 Aug 2020	1136	1	<2	23.5	82.69	7.8	33.75	8.3
F07	19 Aug 2020	1136	25	<2	14.3	90.07	8.3	33.40	8.2
F07	19 Aug 2020	1136	60	<2	11.9	91.42	5.4	33.61	7.9
F08	19 Aug 2020	1121	1	2e	23.3	82.30	7.8	33.73	8.3
F08	19 Aug 2020	1121	25	<2	14.5	88.88	8.4	33.41	8.2
F08	19 Aug 2020	1121	60	24e	11.6	89.04	4.9	33.65	7.8
F09	19 Aug 2020	1109	1	<2	23.1	83.20	7.8	33.73	8.3
F09	19 Aug 2020	1109	25	<2	14.2	88.69	8.3	33.40	8.2
F09	19 Aug 2020	1109	60	12e	11.3	90.16	5.0	33.68	7.9
F10	19 Aug 2020	1055	1	<2	23.1	84.07	7.8	33.73	8.3
F10	19 Aug 2020	1055	25	<2	14.0	87.30	8.0	33.45	8.2
F10	19 Aug 2020	1055	60	84	11.0	91.48	5.1	33.66	7.9
F11	19 Aug 2020	1041	1	<2	23.4	83.63	7.8	33.74	8.3
F11	19 Aug 2020	1041	25	<2	13.9	89.20	8.1	33.42	8.2
F11	19 Aug 2020	1041	60	24e	11.2	90.37	5.0	33.66	7.9
F12	19 Aug 2020	1025	1	<2	23.3	84.22	7.8	33.72	8.2
F12	19 Aug 2020	1025	25	<2	14.0	91.25	8.2	33.41	8.1
F12	19 Aug 2020	1025	60	44	11.1	90.98	5.0	33.66	7.8
F13	19 Aug 2020	1010	1	<2	23.3	83.60	7.8	33.74	8.3
F13	19 Aug 2020	1010	25	<2	14.2	91.36	8.3	33.39	8.2
F13	19 Aug 2020	1010	60	24e	11.3	90.69	5.1	33.66	7.9
F14	19 Aug 2020	957	1	<2	23.1	84.25	7.8	33.73	8.3

Station	Date	Time	Depth	Entero	Temp	XMS	DO	Sal	pH
F14	19 Aug 2020	957	25	<2	14.1	91.19	8.2	33.39	8.2
F14	19 Aug 2020	957	60	50	11.0	93.24	5.2	33.68	7.9
F15	20 Aug 2020	1126	1	<2	23.6	88.02	7.3	33.75	8.2
F15	20 Aug 2020	1126	25	<2	14.2	87.90	8.1	33.44	8.1
F15	20 Aug 2020	1126	60	<2	11.3	92.92	5.7	33.60	7.9
F15	20 Aug 2020	1126	80	<2	10.7	91.85	4.4	33.79	7.8
F16	20 Aug 2020	1108	1	<2	23.8	87.38	7.4	33.77	8.3
F16	20 Aug 2020	1108	25	<2	14.0	90.95	8.2	33.40	8.2
F16	20 Aug 2020	1108	60	<2	11.5	92.80	5.8	33.58	7.9
F16	20 Aug 2020	1108	80	6e	10.7	90.50	4.3	33.78	7.8
F17	20 Aug 2020	1053	1	<2	23.8	88.03	7.4	33.77	8.2
F17	20 Aug 2020	1053	25	<2	14.1	89.91	8.2	33.39	8.2
F17	20 Aug 2020	1053	60	<2	11.6	92.65	5.7	33.59	7.9
F17	20 Aug 2020	1053	80	320e	10.8	91.04	4.2	33.76	7.8
F18	20 Aug 2020	1037	1	2e	23.7	89.25	7.2	33.77	8.2
F18	20 Aug 2020	1037	25	<2	14.1	90.69	8.3	33.39	8.2
F18	20 Aug 2020	1037	60	100	11.4	91.51	5.2	33.62	7.9
F18	20 Aug 2020	1037	80	84	10.8	90.89	4.6	33.72	7.8
F19	20 Aug 2020	1021	1	<2	23.9	89.01	7.1	33.79	8.2
F19	20 Aug 2020	1021	25	<2	14.2	91.32	8.2	33.39	8.2
F19	20 Aug 2020	1021	60	100	11.3	92.60	5.8	33.56	7.9
F19	20 Aug 2020	1021	80	110	10.8	92.14	4.8	33.72	7.8
F20	20 Aug 2020	1004	1	2e	23.7	89.34	7.2	33.76	8.2
F20	20 Aug 2020	1004	25	<2	14.3	91.59	8.3	33.38	8.2
F20	20 Aug 2020	1004	60	<2	11.4	92.93	6.0	33.55	8.0
F20	20 Aug 2020	1004	80	82	10.7	92.61	4.7	33.74	7.8
F21	20 Aug 2020	950	1	<2	23.6	89.51	7.2	33.76	8.2
F21	20 Aug 2020	950	25	<2	14.3	91.55	8.3	33.37	8.2
F21	20 Aug 2020	950	60	2e	11.1	93.04	5.9	33.57	7.9
F21	20 Aug 2020	950	80	90	10.7	90.29	4.4	33.76	7.8
F22	20 Aug 2020	935	1	<2	23.7	88.97	7.2	33.77	8.2
F22	20 Aug 2020	935	25	<2	14.1	90.84	8.2	33.41	8.2
F22	20 Aug 2020	935	60	<2	11.0	93.28	5.5	33.64	7.9
F22	20 Aug 2020	935	80	64	10.7	90.28	4.5	33.75	7.8
F23	20 Aug 2020	920	1	<2	23.8	90.41	7.0	33.79	8.2
F23	20 Aug 2020	920	25	<2	14.1	91.75	8.4	33.34	8.2
F23	20 Aug 2020	920	60	<2	11.1	93.16	5.6	33.66	7.9
F23	20 Aug 2020	920	80	<2	11.0	93.12	4.4	33.78	7.8
F24	20 Aug 2020	856	1	<2	23.8	90.44	7.0	33.79	8.2
F24	20 Aug 2020	856	25	<2	14.4	91.78	8.4	33.32	8.2
F24	20 Aug 2020	856	60	<2	11.1	93.10	5.7	33.62	7.9
F24	20 Aug 2020	856	80	<2	10.8	93.03	4.4	33.80	7.8
F25	20 Aug 2020	842	1	<2	23.6	90.64	7.0	33.78	8.2
F25	20 Aug 2020	842	25	<2	14.7	91.79	8.4	33.32	8.2
F25	20 Aug 2020	842	60	<2	11.2	92.96	5.6	33.65	7.9
F25	20 Aug 2020	842	80	6e	10.8	92.13	4.2	33.81	7.8
F26	18 Aug 2020	1255	1	<2	23.3	83.71	7.6	33.77	8.3
F26	18 Aug 2020	1255	25	<2	14.6	91.58	8.4	33.31	8.2
F26	18 Aug 2020	1255	60	8e	11.3	92.88	5.6	33.61	7.9

Station	Date	Time	Depth	Entero	Temp	XMS	DO	Sal	pH
F26	18 Aug 2020	1255	80	4e	10.8	93.15	5.2	33.68	7.9
F26	18 Aug 2020	1255	98	70	10.6	91.29	4.3	33.83	7.8
F27	18 Aug 2020	1241	1	<2	23.3	83.79	7.6	33.78	8.3
F27	18 Aug 2020	1241	25	<2	14.1	90.99	8.1	33.40	8.2
F27	18 Aug 2020	1241	60	<2	11.1	93.06	5.5	33.63	7.9
F27	18 Aug 2020	1241	80	<2	10.8	93.10	4.8	33.74	7.8
F27	18 Aug 2020	1241	98	78	10.7	91.31	4.1	33.83	7.8
F28	18 Aug 2020	1220	1	<2	23.3	83.63	7.7	33.77	8.3
F28	18 Aug 2020	1220	25	<2	13.5	90.25	7.8	33.43	8.2
F28	18 Aug 2020	1220	60	<2	11.0	93.00	5.5	33.65	7.9
F28	18 Aug 2020	1220	80	84	10.8	93.09	4.6	33.78	7.8
F28	18 Aug 2020	1220	98	10e	10.7	92.42	4.0	33.84	7.8
F29	18 Aug 2020	1203	1	<2	22.7	84.47	7.7	33.76	8.3
F29	18 Aug 2020	1203	25	<2	13.6	90.39	7.8	33.45	8.2
F29	18 Aug 2020	1203	60	<2	11.4	92.87	5.7	33.59	7.9
F29	18 Aug 2020	1203	80	2e	10.8	93.21	5.0	33.73	7.9
F29	18 Aug 2020	1203	98	220e	10.7	91.78	4.1	33.81	7.8
F30	18 Aug 2020	1147	1	2e	23.1	82.97	7.8	33.76	8.3
F30	18 Aug 2020	1147	25	<2	13.8	90.29	7.9	33.46	8.1
F30	18 Aug 2020	1147	60	<2	11.3	93.00	5.9	33.56	7.9
F30	18 Aug 2020	1147	80	900	10.8	90.10	4.4	33.67	7.8
F30	18 Aug 2020	1147	98	300e	10.7	90.24	4.2	33.74	7.8
F31	18 Aug 2020	1048	1	2e	23.1	80.32	7.8	33.74	8.3
F31	18 Aug 2020	1048	25	<2	14.0	90.69	8.1	33.42	8.2
F31	18 Aug 2020	1048	60	2e	11.2	92.99	5.6	33.61	7.9
F31	18 Aug 2020	1048	80	260e	10.7	93.04	5.1	33.68	7.9
F31	18 Aug 2020	1048	98	40	10.6	90.85	4.1	33.84	7.8
F32	18 Aug 2020	1031	1	<2	22.9	82.25	7.9	33.74	8.3
F32	18 Aug 2020	1031	25	<2	14.1	90.96	8.1	33.41	8.2
F32	18 Aug 2020	1031	60	<2	11.3	93.07	5.9	33.56	8.0
F32	18 Aug 2020	1031	80	<2	10.7	93.33	5.0	33.72	7.9
F32	18 Aug 2020	1031	98	14e	10.6	91.94	4.1	33.85	7.8
F33	18 Aug 2020	1007	1	<2	23.0	82.52	7.8	33.73	8.3
F33	18 Aug 2020	1007	25	<2	14.1	91.62	8.1	33.42	8.2
F33	18 Aug 2020	1007	60	<2	11.2	93.04	5.8	33.58	7.9
F33	18 Aug 2020	1007	80	<2	10.7	93.32	5.0	33.73	7.8
F33	18 Aug 2020	1007	98	<2	10.6	92.51	4.0	33.88	7.8
F34	18 Aug 2020	951	1	<2	22.9	82.82	7.9	33.75	8.3
F34	18 Aug 2020	951	25	<2	14.4	91.77	8.3	33.35	8.2
F34	18 Aug 2020	951	60	<2	11.2	93.04	6.0	33.56	8.0
F34	18 Aug 2020	951	80	<2	10.8	93.19	4.3	33.81	7.8
F34	18 Aug 2020	951	98	<2	10.6	93.04	3.9	33.88	7.8
F35	18 Aug 2020	916	1	<2	22.8	83.33	7.9	33.75	8.3
F35	18 Aug 2020	916	25	<2	14.3	91.69	8.3	33.37	8.2
F35	18 Aug 2020	916	60	<2	11.0	93.35	5.8	33.58	7.9
F35	18 Aug 2020	916	80	<2	10.9	93.06	3.9	33.85	7.8
F35	18 Aug 2020	916	98	<2	10.5	93.05	3.8	33.90	7.7
F36	18 Aug 2020	854	1	<2	22.7	84.00	7.8	33.73	8.2
F36	18 Aug 2020	854	25	<2	14.2	91.43	8.2	33.38	8.2
F36	18 Aug 2020	854	60	<2	11.3	93.19	6.0	33.55	7.9
F36	18 Aug 2020	854	80	<2	10.9	93.05	4.0	33.84	7.8

Station	Date	Time	Depth	Entero	Temp	XMS	DO	Sal	pH
F36	18 Aug 2020	854	98	<2	10.5	92.74	3.8	33.90	7.7

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	19 Aug 2020	Depth (m)	22
F01	19 Aug 2020	Arrive Time	1244
F01	19 Aug 2020	Depart Time	1247
F01	19 Aug 2020	Air Temp (C)	22
F01	19 Aug 2020	Weather	Cloudy
F01	19 Aug 2020	Visibility (mi)	10
F01	19 Aug 2020	Wind Speed (kts)	6
F01	19 Aug 2020	Wind Dir	SW
F01	19 Aug 2020	Water Color	Green
F01	19 Aug 2020	Wave Ht Low (ft)	1
F01	19 Aug 2020	Wave Period (sec)	11
F01	19 Aug 2020	Sea State	Calm
F01	19 Aug 2020	High Tide (ft)	4.65
F01	19 Aug 2020	High Tide Time	1027
F01	19 Aug 2020	Low Tide (ft)	-0.96
F01	19 Aug 2020	Low Tide Time	416
F01	19 Aug 2020	Comments	none
F02	19 Aug 2020	Depth (m)	21
F02	19 Aug 2020	Arrive Time	921
F02	19 Aug 2020	Depart Time	925
F02	19 Aug 2020	Air Temp (C)	22
F02	19 Aug 2020	Weather	Partly Cloudy
F02	19 Aug 2020	Visibility (mi)	5
F02	19 Aug 2020	Wind Speed (kts)	2
F02	19 Aug 2020	Wind Dir	SW
F02	19 Aug 2020	Water Color	Green
F02	19 Aug 2020	Wave Ht Low (ft)	1
F02	19 Aug 2020	Wave Period (sec)	11
F02	19 Aug 2020	Sea State	Calm
F02	19 Aug 2020	High Tide (ft)	4.65
F02	19 Aug 2020	High Tide Time	1027
F02	19 Aug 2020	Low Tide (ft)	-0.96
F02	19 Aug 2020	Low Tide Time	416
F02	19 Aug 2020	Comments	Kelp debris
F03	19 Aug 2020	Depth (m)	20
F03	19 Aug 2020	Arrive Time	936
F03	19 Aug 2020	Depart Time	939
F03	19 Aug 2020	Air Temp (C)	22
F03	19 Aug 2020	Weather	Partly Cloudy
F03	19 Aug 2020	Visibility (mi)	5
F03	19 Aug 2020	Wind Speed (kts)	4
F03	19 Aug 2020	Wind Dir	W
F03	19 Aug 2020	Water Color	Green
F03	19 Aug 2020	Wave Ht Low (ft)	1
F03	19 Aug 2020	Wave Period (sec)	11
F03	19 Aug 2020	Sea State	Calm
F03	19 Aug 2020	High Tide (ft)	4.65
F03	19 Aug 2020	High Tide Time	1027
F03	19 Aug 2020	Low Tide (ft)	-0.96
F03	19 Aug 2020	Low Tide Time	416
F03	19 Aug 2020	Comments	none
F04	19 Aug 2020	Depth (m)	63
F04	19 Aug 2020	Arrive Time	1219

Station	Date	Parameter	Value
F04	19 Aug 2020	Depart Time	1222
F04	19 Aug 2020	Air Temp (C)	22
F04	19 Aug 2020	Weather	Cloudy
F04	19 Aug 2020	Visibility (mi)	10
F04	19 Aug 2020	Wind Speed (kts)	6
F04	19 Aug 2020	Wind Dir	W
F04	19 Aug 2020	Water Color	Greenish-Blue
F04	19 Aug 2020	Wave Ht Low (ft)	1
F04	19 Aug 2020	Wave Period (sec)	11
F04	19 Aug 2020	Sea State	Calm
F04	19 Aug 2020	High Tide (ft)	4.65
F04	19 Aug 2020	High Tide Time	1027
F04	19 Aug 2020	Low Tide (ft)	-0.96
F04	19 Aug 2020	Low Tide Time	416
F04	19 Aug 2020	Comments	none
F05	19 Aug 2020	Depth (m)	63
F05	19 Aug 2020	Arrive Time	1207
F05	19 Aug 2020	Depart Time	1210
F05	19 Aug 2020	Air Temp (C)	22
F05	19 Aug 2020	Weather	Cloudy
F05	19 Aug 2020	Visibility (mi)	10
F05	19 Aug 2020	Wind Speed (kts)	6
F05	19 Aug 2020	Wind Dir	W
F05	19 Aug 2020	Water Color	Greenish-Blue
F05	19 Aug 2020	Wave Ht Low (ft)	1
F05	19 Aug 2020	Wave Period (sec)	11
F05	19 Aug 2020	Sea State	Calm
F05	19 Aug 2020	High Tide (ft)	4.65
F05	19 Aug 2020	High Tide Time	1027
F05	19 Aug 2020	Low Tide (ft)	-0.96
F05	19 Aug 2020	Low Tide Time	416
F05	19 Aug 2020	Comments	none
F06	19 Aug 2020	Depth (m)	63
F06	19 Aug 2020	Arrive Time	1153
F06	19 Aug 2020	Depart Time	1156
F06	19 Aug 2020	Air Temp (C)	22
F06	19 Aug 2020	Weather	Cloudy
F06	19 Aug 2020	Visibility (mi)	10
F06	19 Aug 2020	Wind Speed (kts)	5
F06	19 Aug 2020	Wind Dir	W
F06	19 Aug 2020	Water Color	Greenish-Blue
F06	19 Aug 2020	Wave Ht Low (ft)	1
F06	19 Aug 2020	Wave Period (sec)	11
F06	19 Aug 2020	Sea State	Calm
F06	19 Aug 2020	High Tide (ft)	4.65
F06	19 Aug 2020	High Tide Time	1027
F06	19 Aug 2020	Low Tide (ft)	-0.96
F06	19 Aug 2020	Low Tide Time	416
F06	19 Aug 2020	Comments	none
F07	19 Aug 2020	Depth (m)	66
F07	19 Aug 2020	Arrive Time	1136
F07	19 Aug 2020	Depart Time	1139
F07	19 Aug 2020	Air Temp (C)	22
F07	19 Aug 2020	Weather	Haze
F07	19 Aug 2020	Visibility (mi)	9
F07	19 Aug 2020	Wind Speed (kts)	5
F07	19 Aug 2020	Wind Dir	SW
F07	19 Aug 2020	Water Color	Greenish-Blue

Station	Date	Parameter	Value
F07	19 Aug 2020	Wave Ht Low (ft)	1
F07	19 Aug 2020	Wave Period (sec)	11
F07	19 Aug 2020	Sea State	Calm
F07	19 Aug 2020	High Tide (ft)	4.65
F07	19 Aug 2020	High Tide Time	1027
F07	19 Aug 2020	Low Tide (ft)	-0.96
F07	19 Aug 2020	Low Tide Time	416
F07	19 Aug 2020	Comments	none
F08	19 Aug 2020	Depth (m)	64
F08	19 Aug 2020	Arrive Time	1121
F08	19 Aug 2020	Depart Time	1124
F08	19 Aug 2020	Air Temp (C)	22
F08	19 Aug 2020	Weather	Haze
F08	19 Aug 2020	Visibility (mi)	8
F08	19 Aug 2020	Wind Speed (kts)	6
F08	19 Aug 2020	Wind Dir	SW
F08	19 Aug 2020	Water Color	Greenish-Blue
F08	19 Aug 2020	Wave Ht Low (ft)	1
F08	19 Aug 2020	Wave Period (sec)	11
F08	19 Aug 2020	Sea State	Calm
F08	19 Aug 2020	High Tide (ft)	4.65
F08	19 Aug 2020	High Tide Time	1027
F08	19 Aug 2020	Low Tide (ft)	-0.96
F08	19 Aug 2020	Low Tide Time	416
F08	19 Aug 2020	Comments	none
F09	19 Aug 2020	Depth (m)	64
F09	19 Aug 2020	Arrive Time	1109
F09	19 Aug 2020	Depart Time	1112
F09	19 Aug 2020	Air Temp (C)	22
F09	19 Aug 2020	Weather	Haze
F09	19 Aug 2020	Visibility (mi)	7
F09	19 Aug 2020	Wind Speed (kts)	4
F09	19 Aug 2020	Wind Dir	SW
F09	19 Aug 2020	Water Color	Greenish-Blue
F09	19 Aug 2020	Wave Ht Low (ft)	1
F09	19 Aug 2020	Wave Period (sec)	11
F09	19 Aug 2020	Sea State	Calm
F09	19 Aug 2020	High Tide (ft)	4.65
F09	19 Aug 2020	High Tide Time	1027
F09	19 Aug 2020	Low Tide (ft)	-0.96
F09	19 Aug 2020	Low Tide Time	416
F09	19 Aug 2020	Comments	none
F10	19 Aug 2020	Depth (m)	64
F10	19 Aug 2020	Arrive Time	1055
F10	19 Aug 2020	Depart Time	1058
F10	19 Aug 2020	Air Temp (C)	22
F10	19 Aug 2020	Weather	Haze
F10	19 Aug 2020	Visibility (mi)	6
F10	19 Aug 2020	Wind Speed (kts)	5
F10	19 Aug 2020	Wind Dir	SW
F10	19 Aug 2020	Water Color	Greenish-Blue
F10	19 Aug 2020	Wave Ht Low (ft)	1
F10	19 Aug 2020	Wave Period (sec)	11
F10	19 Aug 2020	Sea State	Calm
F10	19 Aug 2020	High Tide (ft)	4.65
F10	19 Aug 2020	High Tide Time	1027
F10	19 Aug 2020	Low Tide (ft)	-0.96
F10	19 Aug 2020	Low Tide Time	416

Station	Date	Parameter	Value
F10	19 Aug 2020	Comments	none
F11	19 Aug 2020	Depth (m)	62
F11	19 Aug 2020	Arrive Time	1041
F11	19 Aug 2020	Depart Time	1043
F11	19 Aug 2020	Air Temp (C)	22
F11	19 Aug 2020	Weather	Haze
F11	19 Aug 2020	Visibility (mi)	6
F11	19 Aug 2020	Wind Speed (kts)	4
F11	19 Aug 2020	Wind Dir	SW
F11	19 Aug 2020	Water Color	Greenish-Blue
F11	19 Aug 2020	Wave Ht Low (ft)	1
F11	19 Aug 2020	Wave Period (sec)	11
F11	19 Aug 2020	Sea State	Calm
F11	19 Aug 2020	High Tide (ft)	4.65
F11	19 Aug 2020	High Tide Time	1027
F11	19 Aug 2020	Low Tide (ft)	-0.96
F11	19 Aug 2020	Low Tide Time	416
F11	19 Aug 2020	Comments	none
F12	19 Aug 2020	Depth (m)	60
F12	19 Aug 2020	Arrive Time	1025
F12	19 Aug 2020	Depart Time	1029
F12	19 Aug 2020	Air Temp (C)	22
F12	19 Aug 2020	Weather	Haze
F12	19 Aug 2020	Visibility (mi)	5
F12	19 Aug 2020	Wind Speed (kts)	4
F12	19 Aug 2020	Wind Dir	SW
F12	19 Aug 2020	Water Color	Green
F12	19 Aug 2020	Wave Ht Low (ft)	1
F12	19 Aug 2020	Wave Period (sec)	11
F12	19 Aug 2020	Sea State	Calm
F12	19 Aug 2020	High Tide (ft)	4.65
F12	19 Aug 2020	High Tide Time	1027
F12	19 Aug 2020	Low Tide (ft)	-0.96
F12	19 Aug 2020	Low Tide Time	416
F12	19 Aug 2020	Comments	none
F13	19 Aug 2020	Depth (m)	60
F13	19 Aug 2020	Arrive Time	1010
F13	19 Aug 2020	Depart Time	1013
F13	19 Aug 2020	Air Temp (C)	22
F13	19 Aug 2020	Weather	Haze
F13	19 Aug 2020	Visibility (mi)	4
F13	19 Aug 2020	Wind Speed (kts)	5
F13	19 Aug 2020	Wind Dir	W
F13	19 Aug 2020	Water Color	Green
F13	19 Aug 2020	Wave Ht Low (ft)	1
F13	19 Aug 2020	Wave Period (sec)	11
F13	19 Aug 2020	Sea State	Calm
F13	19 Aug 2020	High Tide (ft)	4.65
F13	19 Aug 2020	High Tide Time	1027
F13	19 Aug 2020	Low Tide (ft)	-0.96
F13	19 Aug 2020	Low Tide Time	416
F13	19 Aug 2020	Comments	none
F14	19 Aug 2020	Depth (m)	60
F14	19 Aug 2020	Arrive Time	957
F14	19 Aug 2020	Depart Time	1002
F14	19 Aug 2020	Air Temp (C)	22
F14	19 Aug 2020	Weather	Haze

Station	Date	Parameter	Value
F14	19 Aug 2020	Visibility (mi)	3
F14	19 Aug 2020	Wind Speed (kts)	3
F14	19 Aug 2020	Wind Dir	W
F14	19 Aug 2020	Water Color	Green
F14	19 Aug 2020	Wave Ht Low (ft)	1
F14	19 Aug 2020	Wave Period (sec)	11
F14	19 Aug 2020	Sea State	Calm
F14	19 Aug 2020	High Tide (ft)	4.65
F14	19 Aug 2020	High Tide Time	1027
F14	19 Aug 2020	Low Tide (ft)	-0.96
F14	19 Aug 2020	Low Tide Time	416
F14	19 Aug 2020	Comments	none
F15	20 Aug 2020	Depth (m)	83
F15	20 Aug 2020	Arrive Time	1126
F15	20 Aug 2020	Depart Time	1130
F15	20 Aug 2020	Air Temp (C)	21
F15	20 Aug 2020	Weather	Partly Cloudy
F15	20 Aug 2020	Visibility (mi)	9
F15	20 Aug 2020	Wind Speed (kts)	4
F15	20 Aug 2020	Wind Dir	W
F15	20 Aug 2020	Water Color	Blue
F15	20 Aug 2020	Wave Ht Low (ft)	1
F15	20 Aug 2020	Wave Period (sec)	13
F15	20 Aug 2020	Sea State	Calm
F15	20 Aug 2020	High Tide (ft)	4.86
F15	20 Aug 2020	High Tide Time	1103
F15	20 Aug 2020	Low Tide (ft)	-0.8
F15	20 Aug 2020	Low Tide Time	451
F15	20 Aug 2020	Comments	none
F16	20 Aug 2020	Depth (m)	83
F16	20 Aug 2020	Arrive Time	1108
F16	20 Aug 2020	Depart Time	1111
F16	20 Aug 2020	Air Temp (C)	21
F16	20 Aug 2020	Weather	Partly Cloudy
F16	20 Aug 2020	Visibility (mi)	9
F16	20 Aug 2020	Wind Speed (kts)	4
F16	20 Aug 2020	Wind Dir	SW
F16	20 Aug 2020	Water Color	Blue
F16	20 Aug 2020	Wave Ht Low (ft)	1
F16	20 Aug 2020	Wave Period (sec)	13
F16	20 Aug 2020	Sea State	Calm
F16	20 Aug 2020	High Tide (ft)	4.86
F16	20 Aug 2020	High Tide Time	1103
F16	20 Aug 2020	Low Tide (ft)	-0.8
F16	20 Aug 2020	Low Tide Time	451
F16	20 Aug 2020	Comments	none
F17	20 Aug 2020	Depth (m)	83
F17	20 Aug 2020	Arrive Time	1053
F17	20 Aug 2020	Depart Time	1056
F17	20 Aug 2020	Air Temp (C)	21
F17	20 Aug 2020	Weather	Cloudy
F17	20 Aug 2020	Visibility (mi)	9
F17	20 Aug 2020	Wind Speed (kts)	4
F17	20 Aug 2020	Wind Dir	SW
F17	20 Aug 2020	Water Color	Blue
F17	20 Aug 2020	Wave Ht Low (ft)	1
F17	20 Aug 2020	Wave Period (sec)	13
F17	20 Aug 2020	Sea State	Calm

Station	Date	Parameter	Value
F17	20 Aug 2020	High Tide (ft)	4.86
F17	20 Aug 2020	High Tide Time	1103
F17	20 Aug 2020	Low Tide (ft)	-0.8
F17	20 Aug 2020	Low Tide Time	451
F17	20 Aug 2020	Comments	none
F18	20 Aug 2020	Depth (m)	84
F18	20 Aug 2020	Arrive Time	1037
F18	20 Aug 2020	Depart Time	1040
F18	20 Aug 2020	Air Temp (C)	21
F18	20 Aug 2020	Weather	Cloudy
F18	20 Aug 2020	Visibility (mi)	9
F18	20 Aug 2020	Wind Speed (kts)	6
F18	20 Aug 2020	Wind Dir	SW
F18	20 Aug 2020	Water Color	Blue
F18	20 Aug 2020	Wave Ht Low (ft)	1
F18	20 Aug 2020	Wave Period (sec)	13
F18	20 Aug 2020	Sea State	Calm
F18	20 Aug 2020	High Tide (ft)	4.86
F18	20 Aug 2020	High Tide Time	1103
F18	20 Aug 2020	Low Tide (ft)	-0.8
F18	20 Aug 2020	Low Tide Time	451
F18	20 Aug 2020	Comments	none
F19	20 Aug 2020	Depth (m)	84
F19	20 Aug 2020	Arrive Time	1021
F19	20 Aug 2020	Depart Time	1025
F19	20 Aug 2020	Air Temp (C)	22
F19	20 Aug 2020	Weather	Cloudy
F19	20 Aug 2020	Visibility (mi)	9
F19	20 Aug 2020	Wind Speed (kts)	4
F19	20 Aug 2020	Wind Dir	SW
F19	20 Aug 2020	Water Color	Blue
F19	20 Aug 2020	Wave Ht Low (ft)	1
F19	20 Aug 2020	Wave Period (sec)	13
F19	20 Aug 2020	Sea State	Calm
F19	20 Aug 2020	High Tide (ft)	4.86
F19	20 Aug 2020	High Tide Time	1103
F19	20 Aug 2020	Low Tide (ft)	-0.8
F19	20 Aug 2020	Low Tide Time	451
F19	20 Aug 2020	Comments	none
F20	20 Aug 2020	Depth (m)	84
F20	20 Aug 2020	Arrive Time	1004
F20	20 Aug 2020	Depart Time	1007
F20	20 Aug 2020	Air Temp (C)	22
F20	20 Aug 2020	Weather	Cloudy
F20	20 Aug 2020	Visibility (mi)	9
F20	20 Aug 2020	Wind Speed (kts)	5
F20	20 Aug 2020	Wind Dir	SW
F20	20 Aug 2020	Water Color	Blue
F20	20 Aug 2020	Wave Ht Low (ft)	1
F20	20 Aug 2020	Wave Period (sec)	13
F20	20 Aug 2020	Sea State	Calm
F20	20 Aug 2020	High Tide (ft)	4.86
F20	20 Aug 2020	High Tide Time	1103
F20	20 Aug 2020	Low Tide (ft)	-0.8
F20	20 Aug 2020	Low Tide Time	451
F20	20 Aug 2020	Comments	none
F21	20 Aug 2020	Depth (m)	84

Station	Date	Parameter	Value
F21	20 Aug 2020	Arrive Time	950
F21	20 Aug 2020	Depart Time	953
F21	20 Aug 2020	Air Temp (C)	22
F21	20 Aug 2020	Weather	Cloudy
F21	20 Aug 2020	Visibility (mi)	9
F21	20 Aug 2020	Wind Speed (kts)	3
F21	20 Aug 2020	Wind Dir	W
F21	20 Aug 2020	Water Color	Blue
F21	20 Aug 2020	Wave Ht Low (ft)	1
F21	20 Aug 2020	Wave Period (sec)	13
F21	20 Aug 2020	Sea State	Calm
F21	20 Aug 2020	High Tide (ft)	4.86
F21	20 Aug 2020	High Tide Time	1103
F21	20 Aug 2020	Low Tide (ft)	-0.8
F21	20 Aug 2020	Low Tide Time	451
F21	20 Aug 2020	Comments	none
F22	20 Aug 2020	Depth (m)	83
F22	20 Aug 2020	Arrive Time	935
F22	20 Aug 2020	Depart Time	938
F22	20 Aug 2020	Air Temp (C)	22
F22	20 Aug 2020	Weather	Cloudy
F22	20 Aug 2020	Visibility (mi)	8
F22	20 Aug 2020	Wind Speed (kts)	1
F22	20 Aug 2020	Wind Dir	SW
F22	20 Aug 2020	Water Color	Blue
F22	20 Aug 2020	Wave Ht Low (ft)	1
F22	20 Aug 2020	Wave Period (sec)	13
F22	20 Aug 2020	Sea State	Calm
F22	20 Aug 2020	High Tide (ft)	4.86
F22	20 Aug 2020	High Tide Time	1103
F22	20 Aug 2020	Low Tide (ft)	-0.8
F22	20 Aug 2020	Low Tide Time	451
F22	20 Aug 2020	Comments	none
F24	20 Aug 2020	Depth (m)	84
F24	20 Aug 2020	Arrive Time	856
F24	20 Aug 2020	Depart Time	900
F24	20 Aug 2020	Air Temp (C)	22
F24	20 Aug 2020	Weather	Cloudy
F24	20 Aug 2020	Visibility (mi)	8
F24	20 Aug 2020	Wind Speed (kts)	0
F24	20 Aug 2020	Wind Dir	
F24	20 Aug 2020	Water Color	Blue
F24	20 Aug 2020	Wave Ht Low (ft)	1
F24	20 Aug 2020	Wave Period (sec)	13
F24	20 Aug 2020	Sea State	Calm
F24	20 Aug 2020	High Tide (ft)	4.86
F24	20 Aug 2020	High Tide Time	1103
F24	20 Aug 2020	Low Tide (ft)	-0.8
F24	20 Aug 2020	Low Tide Time	451
F24	20 Aug 2020	Comments	none
F25	20 Aug 2020	Depth (m)	82
F25	20 Aug 2020	Arrive Time	842
F25	20 Aug 2020	Depart Time	845
F25	20 Aug 2020	Air Temp (C)	22
F25	20 Aug 2020	Weather	Cloudy
F25	20 Aug 2020	Visibility (mi)	8
F25	20 Aug 2020	Wind Speed (kts)	1
F25	20 Aug 2020	Wind Dir	N

Station	Date	Parameter	Value
F25	20 Aug 2020	Water Color	Blue
F25	20 Aug 2020	Wave Ht Low (ft)	1
F25	20 Aug 2020	Wave Period (sec)	13
F25	20 Aug 2020	Sea State	Calm
F25	20 Aug 2020	High Tide (ft)	4.86
F25	20 Aug 2020	High Tide Time	1103
F25	20 Aug 2020	Low Tide (ft)	-0.8
F25	20 Aug 2020	Low Tide Time	451
F25	20 Aug 2020	Comments	none
F26	18 Aug 2020	Depth (m)	99
F26	18 Aug 2020	Arrive Time	1255
F26	18 Aug 2020	Depart Time	1302
F26	18 Aug 2020	Air Temp (C)	22
F26	18 Aug 2020	Weather	Overcast
F26	18 Aug 2020	Visibility (mi)	6
F26	18 Aug 2020	Wind Speed (kts)	11
F26	18 Aug 2020	Wind Dir	SW
F26	18 Aug 2020	Water Color	Green
F26	18 Aug 2020	Wave Ht Low (ft)	2
F26	18 Aug 2020	Wave Period (sec)	9
F26	18 Aug 2020	Sea State	Calm
F26	18 Aug 2020	High Tide (ft)	4.41
F26	18 Aug 2020	High Tide Time	954
F26	18 Aug 2020	Low Tide (ft)	1.51
F26	18 Aug 2020	Low Tide Time	1512
F26	18 Aug 2020	Comments	Birds on station
F27	18 Aug 2020	Depth (m)	101
F27	18 Aug 2020	Arrive Time	1241
F27	18 Aug 2020	Depart Time	1248
F27	18 Aug 2020	Air Temp (C)	22
F27	18 Aug 2020	Weather	Overcast
F27	18 Aug 2020	Visibility (mi)	6
F27	18 Aug 2020	Wind Speed (kts)	8
F27	18 Aug 2020	Wind Dir	SW
F27	18 Aug 2020	Water Color	Green
F27	18 Aug 2020	Wave Ht Low (ft)	2
F27	18 Aug 2020	Wave Period (sec)	9
F27	18 Aug 2020	Sea State	Calm
F27	18 Aug 2020	High Tide (ft)	4.41
F27	18 Aug 2020	High Tide Time	954
F27	18 Aug 2020	Low Tide (ft)	1.51
F27	18 Aug 2020	Low Tide Time	1512
F27	18 Aug 2020	Comments	none
F28	18 Aug 2020	Depth (m)	99
F28	18 Aug 2020	Arrive Time	1220
F28	18 Aug 2020	Depart Time	1231
F28	18 Aug 2020	Air Temp (C)	22
F28	18 Aug 2020	Weather	Haze
F28	18 Aug 2020	Visibility (mi)	6
F28	18 Aug 2020	Wind Speed (kts)	10
F28	18 Aug 2020	Wind Dir	SW
F28	18 Aug 2020	Water Color	Green
F28	18 Aug 2020	Wave Ht Low (ft)	2
F28	18 Aug 2020	Wave Period (sec)	9
F28	18 Aug 2020	Sea State	Calm
F28	18 Aug 2020	High Tide (ft)	4.41
F28	18 Aug 2020	High Tide Time	954
F28	18 Aug 2020	Low Tide (ft)	1.51

Station	Date	Parameter	Value
F28	18 Aug 2020	Low Tide Time	1512
F28	18 Aug 2020	Comments	none
F29	18 Aug 2020	Depth (m)	99
F29	18 Aug 2020	Arrive Time	1203
F29	18 Aug 2020	Depart Time	1213
F29	18 Aug 2020	Air Temp (C)	22
F29	18 Aug 2020	Weather	Haze
F29	18 Aug 2020	Visibility (mi)	6
F29	18 Aug 2020	Wind Speed (kts)	10
F29	18 Aug 2020	Wind Dir	SW
F29	18 Aug 2020	Water Color	Green
F29	18 Aug 2020	Wave Ht Low (ft)	2
F29	18 Aug 2020	Wave Period (sec)	9
F29	18 Aug 2020	Sea State	Calm
F29	18 Aug 2020	High Tide (ft)	4.41
F29	18 Aug 2020	High Tide Time	954
F29	18 Aug 2020	Low Tide (ft)	1.51
F29	18 Aug 2020	Low Tide Time	1512
F29	18 Aug 2020	Comments	none
F30	18 Aug 2020	Depth (m)	101
F30	18 Aug 2020	Arrive Time	1147
F30	18 Aug 2020	Depart Time	1156
F30	18 Aug 2020	Air Temp (C)	21
F30	18 Aug 2020	Weather	Haze
F30	18 Aug 2020	Visibility (mi)	10
F30	18 Aug 2020	Wind Speed (kts)	8
F30	18 Aug 2020	Wind Dir	NW
F30	18 Aug 2020	Water Color	Green
F30	18 Aug 2020	Wave Ht Low (ft)	2
F30	18 Aug 2020	Wave Period (sec)	9
F30	18 Aug 2020	Sea State	Calm
F30	18 Aug 2020	High Tide (ft)	4.41
F30	18 Aug 2020	High Tide Time	954
F30	18 Aug 2020	Low Tide (ft)	1.51
F30	18 Aug 2020	Low Tide Time	1512
F30	18 Aug 2020	Comments	none
F31	18 Aug 2020	Depth (m)	100
F31	18 Aug 2020	Arrive Time	1048
F31	18 Aug 2020	Depart Time	1055
F31	18 Aug 2020	Air Temp (C)	22
F31	18 Aug 2020	Weather	Clear
F31	18 Aug 2020	Visibility (mi)	10
F31	18 Aug 2020	Wind Speed (kts)	6
F31	18 Aug 2020	Wind Dir	NW
F31	18 Aug 2020	Water Color	Green
F31	18 Aug 2020	Wave Ht Low (ft)	2
F31	18 Aug 2020	Wave Period (sec)	9
F31	18 Aug 2020	Sea State	Calm
F31	18 Aug 2020	High Tide (ft)	4.41
F31	18 Aug 2020	High Tide Time	954
F31	18 Aug 2020	Low Tide (ft)	1.51
F31	18 Aug 2020	Low Tide Time	1512
F31	18 Aug 2020	Comments	none
F32	18 Aug 2020	Depth (m)	101
F32	18 Aug 2020	Arrive Time	1031
F32	18 Aug 2020	Depart Time	1047
F32	18 Aug 2020	Air Temp (C)	22

Station	Date	Parameter	Value
F32	18 Aug 2020	Weather	Clear
F32	18 Aug 2020	Visibility (mi)	10
F32	18 Aug 2020	Wind Speed (kts)	6
F32	18 Aug 2020	Wind Dir	N
F32	18 Aug 2020	Water Color	Green
F32	18 Aug 2020	Wave Ht Low (ft)	2
F32	18 Aug 2020	Wave Period (sec)	9
F32	18 Aug 2020	Sea State	Calm
F32	18 Aug 2020	High Tide (ft)	4.41
F32	18 Aug 2020	High Tide Time	954
F32	18 Aug 2020	Low Tide (ft)	1.51
F32	18 Aug 2020	Low Tide Time	1512
F32	18 Aug 2020	Comments	none
F33	18 Aug 2020	Depth (m)	103
F33	18 Aug 2020	Arrive Time	1007
F33	18 Aug 2020	Depart Time	1017
F33	18 Aug 2020	Air Temp (C)	22
F33	18 Aug 2020	Weather	Clear
F33	18 Aug 2020	Visibility (mi)	8
F33	18 Aug 2020	Wind Speed (kts)	8
F33	18 Aug 2020	Wind Dir	N
F33	18 Aug 2020	Water Color	Green
F33	18 Aug 2020	Wave Ht Low (ft)	2
F33	18 Aug 2020	Wave Period (sec)	9
F33	18 Aug 2020	Sea State	Calm
F33	18 Aug 2020	High Tide (ft)	4.41
F33	18 Aug 2020	High Tide Time	954
F33	18 Aug 2020	Low Tide (ft)	1.51
F33	18 Aug 2020	Low Tide Time	1512
F33	18 Aug 2020	Comments	none
F34	18 Aug 2020	Depth (m)	102
F34	18 Aug 2020	Arrive Time	951
F34	18 Aug 2020	Depart Time	1000
F34	18 Aug 2020	Air Temp (C)	22
F34	18 Aug 2020	Weather	Clear
F34	18 Aug 2020	Visibility (mi)	8
F34	18 Aug 2020	Wind Speed (kts)	9
F34	18 Aug 2020	Wind Dir	N
F34	18 Aug 2020	Water Color	Green
F34	18 Aug 2020	Wave Ht Low (ft)	2
F34	18 Aug 2020	Wave Period (sec)	9
F34	18 Aug 2020	Sea State	Calm
F34	18 Aug 2020	High Tide (ft)	4.41
F34	18 Aug 2020	High Tide Time	954
F34	18 Aug 2020	Low Tide (ft)	1.51
F34	18 Aug 2020	Low Tide Time	1512
F34	18 Aug 2020	Comments	none
F35	18 Aug 2020	Depth (m)	101
F35	18 Aug 2020	Arrive Time	916
F35	18 Aug 2020	Depart Time	941
F35	18 Aug 2020	Air Temp (C)	22
F35	18 Aug 2020	Weather	Haze
F35	18 Aug 2020	Visibility (mi)	8
F35	18 Aug 2020	Wind Speed (kts)	8
F35	18 Aug 2020	Wind Dir	N
F35	18 Aug 2020	Water Color	Green
F35	18 Aug 2020	Wave Ht Low (ft)	2
F35	18 Aug 2020	Wave Period (sec)	9

Station	Date	Parameter	Value
F35	18 Aug 2020	Sea State	Calm
F35	18 Aug 2020	High Tide (ft)	4.41
F35	18 Aug 2020	High Tide Time	954
F35	18 Aug 2020	Low Tide (ft)	1.51
F35	18 Aug 2020	Low Tide Time	1512
F35	18 Aug 2020	Comments	none
F36	18 Aug 2020	Depth (m)	100
F36	18 Aug 2020	Arrive Time	854
F36	18 Aug 2020	Depart Time	907
F36	18 Aug 2020	Air Temp (C)	22
F36	18 Aug 2020	Weather	Haze
F36	18 Aug 2020	Visibility (mi)	8
F36	18 Aug 2020	Wind Speed (kts)	9
F36	18 Aug 2020	Wind Dir	NW
F36	18 Aug 2020	Water Color	Green
F36	18 Aug 2020	Wave Ht Low (ft)	2
F36	18 Aug 2020	Wave Period (sec)	9
F36	18 Aug 2020	Sea State	Calm
F36	18 Aug 2020	High Tide (ft)	4.41
F36	18 Aug 2020	High Tide Time	954
F36	18 Aug 2020	Low Tide (ft)	1.51
F36	18 Aug 2020	Low Tide Time	1512
F36	18 Aug 2020	Comments	none

Table 4.4

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

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F01	19 Aug 2020	1	22.63	82.81	8.2	33.68	8.2	23.0	1.40
F01	19 Aug 2020	2	22.65	83.08	8.2	33.69	8.3	23.0	1.37
F01	19 Aug 2020	3	22.36	82.94	8.1	33.70	8.3	23.1	1.61
F01	19 Aug 2020	4	21.74	82.47	8.2	33.69	8.2	23.3	2.43
F01	19 Aug 2020	5	21.60	79.95	8.2	33.68	8.2	23.3	2.87
F01	19 Aug 2020	6	21.33	78.55	8.0	33.68	8.2	23.4	3.21
F01	19 Aug 2020	7	20.04	77.97	7.9	33.68	8.2	23.7	3.88
F01	19 Aug 2020	8	19.34	75.81	7.8	33.65	8.2	23.9	4.42
F01	19 Aug 2020	9	18.81	73.90	7.8	33.64	8.2	24.0	4.74
F01	19 Aug 2020	10	18.42	73.70	7.8	33.63	8.2	24.1	4.92
F01	19 Aug 2020	11	18.32	73.70	7.7	33.62	8.2	24.1	5.00
F01	19 Aug 2020	12	18.07	74.10	7.7	33.63	8.2	24.2	4.92
F01	19 Aug 2020	13	17.73	74.94	7.7	33.62	8.2	24.3	5.05
F01	19 Aug 2020	14	17.33	75.49	7.3	33.61	8.2	24.4	4.80
F01	19 Aug 2020	15	15.16	76.85	6.8	33.67	8.1	24.9	3.88
F01	19 Aug 2020	16	13.47	82.19	6.4	33.56	8.0	25.2	2.95
F01	19 Aug 2020	17	13.04	85.40	6.2	33.55	8.0	25.3	2.59
F01	19 Aug 2020	18	12.94	85.51	6.1	33.54	8.0	25.3	2.52
F01	19 Aug 2020	19	12.96	85.71	6.0	33.54	8.0	25.3	2.48
F01	19 Aug 2020	20	12.92	85.53	6.0	33.55	8.0	25.3	2.43
F02	19 Aug 2020	1	23.02	86.80	7.7	33.69	8.2	22.9	0.78
F02	19 Aug 2020	2	23.02	86.43	7.7	33.70	8.2	22.9	0.78
F02	19 Aug 2020	3	22.96	86.76	7.7	33.70	8.2	23.0	0.85
F02	19 Aug 2020	4	22.80	86.72	7.8	33.70	8.2	23.0	0.91
F02	19 Aug 2020	5	22.23	86.75	8.0	33.72	8.2	23.2	1.10
F02	19 Aug 2020	6	21.56	86.58	8.3	33.70	8.2	23.4	1.40
F02	19 Aug 2020	7	20.94	86.30	8.6	33.68	8.2	23.5	1.83
F02	19 Aug 2020	8	19.71	84.51	9.0	33.65	8.2	23.8	2.39
F02	19 Aug 2020	9	18.78	82.46	9.0	33.63	8.2	24.0	2.76
F02	19 Aug 2020	10	17.35	80.64	8.9	33.59	8.2	24.3	2.85
F02	19 Aug 2020	11	16.04	83.05	8.6	33.51	8.2	24.6	2.45
F02	19 Aug 2020	12	15.07	85.13	8.6	33.42	8.2	24.7	2.16
F02	19 Aug 2020	13	14.87	87.09	8.5	33.42	8.2	24.8	2.27
F02	19 Aug 2020	14	14.87	87.34	8.5	33.43	8.2	24.8	2.53
F02	19 Aug 2020	15	14.87	86.98	8.4	33.44	8.2	24.8	2.81
F02	19 Aug 2020	16	14.85	86.39	8.3	33.46	8.2	24.8	3.10
F02	19 Aug 2020	17	14.80	85.94	8.2	33.48	8.1	24.8	3.47
F02	19 Aug 2020	18	14.69	84.71	8.0	33.51	8.1	24.9	3.78
F02	19 Aug 2020	19	14.62	83.31	7.8	33.53	8.1	24.9	4.12
F02	19 Aug 2020	20	14.53	82.68	7.7	33.54	8.1	24.9	3.78
F03	19 Aug 2020	1	22.66	85.88	7.9	33.71	8.2	23.1	1.12
F03	19 Aug 2020	2	22.52	85.65	8.0	33.71	8.2	23.1	1.25
F03	19 Aug 2020	3	22.08	85.33	8.2	33.71	8.2	23.2	1.50
F03	19 Aug 2020	4	21.95	84.99	8.2	33.70	8.2	23.2	1.58
F03	19 Aug 2020	5	21.37	85.35	8.4	33.71	8.2	23.4	1.51
F03	19 Aug 2020	6	20.37	85.34	8.6	33.71	8.3	23.7	1.72
F03	19 Aug 2020	7	19.11	84.37	9.1	33.66	8.3	24.0	2.21
F03	19 Aug 2020	8	18.65	82.71	9.2	33.62	8.3	24.1	2.57
F03	19 Aug 2020	9	18.09	81.69	9.2	33.61	8.2	24.2	2.68
F03	19 Aug 2020	10	17.65	81.70	8.8	33.59	8.2	24.3	2.66
F03	19 Aug 2020	11	15.99	82.41	8.6	33.53	8.2	24.6	2.28
F03	19 Aug 2020	12	15.28	85.62	8.6	33.46	8.2	24.7	2.17
F03	19 Aug 2020	13	15.07	87.48	8.5	33.43	8.2	24.7	2.14
F03	19 Aug 2020	14	15.03	87.85	8.5	33.43	8.2	24.8	2.29

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F03	19 Aug 2020	15	15.05	87.60	8.4	33.45	8.2	24.8	2.53
F03	19 Aug 2020	16	15.05	87.01	8.3	33.47	8.2	24.8	2.83
F03	19 Aug 2020	17	15.06	86.19	8.2	33.48	8.2	24.8	3.29
F03	19 Aug 2020	18	15.09	85.03	8.2	33.51	8.1	24.8	3.68
F03	19 Aug 2020	19	15.03	83.70	8.0	33.54	8.1	24.8	4.14
F03	19 Aug 2020	20	15.01	81.18	7.9	33.55	8.1	24.8	4.24
F04	19 Aug 2020	1	23.75	83.40	7.6	33.78	8.3	22.8	0.91
F04	19 Aug 2020	2	23.62	83.62	7.6	33.78	8.3	22.8	0.95
F04	19 Aug 2020	3	23.42	83.52	7.6	33.78	8.3	22.9	1.05
F04	19 Aug 2020	4	23.15	83.39	7.6	33.78	8.3	23.0	1.12
F04	19 Aug 2020	5	22.29	83.87	7.7	33.77	8.3	23.2	1.00
F04	19 Aug 2020	6	21.40	86.88	7.8	33.74	8.2	23.4	0.73
F04	19 Aug 2020	7	20.84	89.12	7.6	33.71	8.2	23.6	0.60
F04	19 Aug 2020	8	19.02	89.76	7.7	33.60	8.2	23.9	0.57
F04	19 Aug 2020	9	17.91	90.09	8.0	33.49	8.2	24.1	0.62
F04	19 Aug 2020	10	17.67	90.48	8.1	33.46	8.2	24.2	0.53
F04	19 Aug 2020	11	17.21	90.76	8.2	33.44	8.2	24.3	0.60
F04	19 Aug 2020	12	16.98	90.84	8.2	33.42	8.2	24.3	0.57
F04	19 Aug 2020	13	16.73	90.99	8.3	33.41	8.2	24.4	0.51
F04	19 Aug 2020	14	16.68	91.23	8.2	33.40	8.2	24.4	0.50
F04	19 Aug 2020	15	16.62	91.34	8.2	33.40	8.2	24.4	0.47
F04	19 Aug 2020	16	16.35	91.41	8.2	33.40	8.2	24.4	0.47
F04	19 Aug 2020	17	15.84	91.50	8.3	33.38	8.2	24.5	0.50
F04	19 Aug 2020	18	15.51	91.67	8.3	33.38	8.2	24.6	0.52
F04	19 Aug 2020	19	15.11	91.66	8.3	33.38	8.2	24.7	0.60
F04	19 Aug 2020	20	14.86	91.54	8.4	33.37	8.2	24.7	0.74
F04	19 Aug 2020	21	14.62	91.35	8.4	33.38	8.2	24.8	0.92
F04	19 Aug 2020	22	14.47	91.08	8.3	33.39	8.2	24.8	1.02
F04	19 Aug 2020	23	14.28	90.89	8.2	33.41	8.2	24.9	1.55
F04	19 Aug 2020	24	14.03	90.44	8.2	33.43	8.2	25.0	2.31
F04	19 Aug 2020	25	13.97	89.62	8.1	33.43	8.2	25.0	2.84
F04	19 Aug 2020	26	13.84	89.03	8.1	33.44	8.2	25.0	3.36
F04	19 Aug 2020	27	13.65	88.40	7.9	33.44	8.1	25.1	3.87
F04	19 Aug 2020	28	13.46	88.23	7.8	33.45	8.1	25.1	4.26
F04	19 Aug 2020	29	13.14	87.65	7.6	33.48	8.1	25.2	4.23
F04	19 Aug 2020	30	13.18	88.04	7.4	33.47	8.1	25.2	4.30
F04	19 Aug 2020	31	12.94	88.70	7.3	33.49	8.1	25.2	3.66
F04	19 Aug 2020	32	12.81	89.32	7.1	33.49	8.1	25.3	2.97
F04	19 Aug 2020	33	12.65	89.95	7.0	33.48	8.1	25.3	2.56
F04	19 Aug 2020	34	12.56	90.71	7.0	33.48	8.1	25.3	2.21
F04	19 Aug 2020	35	12.50	91.28	6.9	33.48	8.1	25.3	2.04
F04	19 Aug 2020	36	12.45	91.52	6.9	33.48	8.0	25.3	1.90
F04	19 Aug 2020	37	12.43	91.63	6.8	33.49	8.0	25.3	1.80
F04	19 Aug 2020	38	12.38	91.72	6.7	33.49	8.0	25.3	1.71
F04	19 Aug 2020	39	12.37	91.81	6.8	33.49	8.0	25.3	1.65
F04	19 Aug 2020	40	12.35	91.92	6.7	33.49	8.0	25.4	1.60
F04	19 Aug 2020	41	12.28	92.04	6.7	33.50	8.0	25.4	1.49
F04	19 Aug 2020	42	12.19	92.16	6.6	33.51	8.0	25.4	1.39
F04	19 Aug 2020	43	12.04	92.22	6.4	33.53	8.0	25.4	1.29
F04	19 Aug 2020	44	11.95	92.35	6.3	33.54	8.0	25.5	1.20
F04	19 Aug 2020	45	11.89	92.36	6.1	33.56	8.0	25.5	1.14
F04	19 Aug 2020	46	11.86	92.31	6.0	33.57	8.0	25.5	1.04
F04	19 Aug 2020	47	11.85	92.23	5.9	33.57	8.0	25.5	1.00
F04	19 Aug 2020	48	11.83	92.23	5.9	33.57	8.0	25.5	0.97
F04	19 Aug 2020	49	11.83	92.18	5.8	33.58	7.9	25.5	0.96
F04	19 Aug 2020	50	11.83	92.17	5.8	33.58	7.9	25.5	0.92
F04	19 Aug 2020	51	11.83	92.19	5.8	33.58	7.9	25.5	0.91
F04	19 Aug 2020	52	11.83	92.18	5.8	33.58	7.9	25.5	0.91
F04	19 Aug 2020	53	11.83	92.12	5.8	33.58	7.9	25.5	0.94
F04	19 Aug 2020	54	11.84	92.09	5.7	33.58	7.9	25.5	0.89

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F04	19 Aug 2020	55	11.84	92.05	5.7	33.58	7.9	25.5	0.93
F04	19 Aug 2020	56	11.84	91.97	5.7	33.58	7.9	25.5	0.91
F04	19 Aug 2020	57	11.84	91.88	5.7	33.58	7.9	25.5	0.87
F04	19 Aug 2020	58	11.84	91.78	5.7	33.59	7.9	25.5	0.89
F04	19 Aug 2020	59	11.80	91.72	5.6	33.59	7.9	25.5	0.83
F04	19 Aug 2020	60	11.71	91.46	5.5	33.62	7.9	25.6	0.77
F04	19 Aug 2020	61	11.61	90.37	5.3	33.63	7.9	25.6	0.70
F04	19 Aug 2020	62	11.69	90.54	5.3	33.61	7.9	25.6	0.72
F05	19 Aug 2020	1	23.67	83.49	7.7	33.77	8.3	22.8	0.98
F05	19 Aug 2020	2	23.63	83.36	7.7	33.77	8.3	22.8	1.03
F05	19 Aug 2020	3	23.65	83.25	7.7	33.77	8.3	22.8	1.02
F05	19 Aug 2020	4	23.40	83.21	7.8	33.76	8.3	22.9	1.09
F05	19 Aug 2020	5	23.24	83.23	7.8	33.75	8.3	22.9	1.18
F05	19 Aug 2020	6	22.84	83.05	7.8	33.76	8.3	23.0	1.24
F05	19 Aug 2020	7	22.17	83.66	7.9	33.76	8.3	23.2	1.16
F05	19 Aug 2020	8	21.88	84.94	7.8	33.74	8.3	23.3	1.03
F05	19 Aug 2020	9	20.71	86.50	7.8	33.70	8.2	23.6	0.83
F05	19 Aug 2020	10	19.99	88.72	7.8	33.65	8.2	23.7	0.73
F05	19 Aug 2020	11	18.65	89.37	8.0	33.55	8.2	24.0	0.69
F05	19 Aug 2020	12	18.07	89.73	8.1	33.51	8.2	24.1	0.70
F05	19 Aug 2020	13	17.66	90.20	8.2	33.47	8.2	24.2	0.76
F05	19 Aug 2020	14	16.80	90.29	8.3	33.41	8.2	24.3	0.70
F05	19 Aug 2020	15	16.56	90.49	8.3	33.40	8.2	24.4	0.63
F05	19 Aug 2020	16	16.41	90.94	8.3	33.39	8.2	24.4	0.57
F05	19 Aug 2020	17	16.34	91.11	8.3	33.39	8.2	24.4	0.56
F05	19 Aug 2020	18	16.13	91.39	8.3	33.38	8.2	24.5	0.56
F05	19 Aug 2020	19	15.54	91.53	8.3	33.37	8.2	24.6	0.59
F05	19 Aug 2020	20	15.19	91.58	8.4	33.37	8.2	24.7	0.70
F05	19 Aug 2020	21	15.09	91.33	8.4	33.38	8.2	24.7	0.88
F05	19 Aug 2020	22	14.98	90.98	8.4	33.39	8.2	24.7	1.09
F05	19 Aug 2020	23	14.58	90.64	8.4	33.40	8.2	24.8	1.37
F05	19 Aug 2020	24	14.32	90.27	8.3	33.40	8.2	24.9	1.82
F05	19 Aug 2020	25	14.21	90.03	8.3	33.40	8.2	24.9	2.16
F05	19 Aug 2020	26	13.98	89.86	8.2	33.41	8.2	25.0	2.92
F05	19 Aug 2020	27	13.75	89.29	8.1	33.43	8.2	25.0	3.94
F05	19 Aug 2020	28	13.55	88.28	7.9	33.44	8.1	25.1	4.82
F05	19 Aug 2020	29	13.25	86.68	7.7	33.46	8.1	25.1	5.08
F05	19 Aug 2020	30	13.10	85.82	7.4	33.49	8.1	25.2	4.28
F05	19 Aug 2020	31	12.84	86.41	7.1	33.50	8.1	25.3	3.35
F05	19 Aug 2020	32	12.67	87.67	6.9	33.50	8.1	25.3	2.64
F05	19 Aug 2020	33	12.51	89.27	6.9	33.49	8.1	25.3	2.22
F05	19 Aug 2020	34	12.43	90.38	6.8	33.49	8.0	25.3	1.89
F05	19 Aug 2020	35	12.38	91.11	6.8	33.49	8.0	25.3	1.77
F05	19 Aug 2020	36	12.32	91.51	6.8	33.49	8.0	25.4	1.68
F05	19 Aug 2020	37	12.30	91.77	6.7	33.49	8.0	25.4	1.68
F05	19 Aug 2020	38	12.28	91.96	6.7	33.49	8.0	25.4	1.72
F05	19 Aug 2020	39	12.26	92.04	6.7	33.49	8.0	25.4	1.51
F05	19 Aug 2020	40	12.24	92.12	6.6	33.50	8.0	25.4	1.42
F05	19 Aug 2020	41	12.17	92.16	6.5	33.51	8.0	25.4	1.36
F05	19 Aug 2020	42	11.99	92.10	6.4	33.53	8.0	25.5	1.18
F05	19 Aug 2020	43	11.93	92.34	6.3	33.54	8.0	25.5	1.13
F05	19 Aug 2020	44	11.91	92.33	6.2	33.55	8.0	25.5	1.08
F05	19 Aug 2020	45	11.90	92.38	6.1	33.55	8.0	25.5	1.04
F05	19 Aug 2020	46	11.91	92.33	6.0	33.55	8.0	25.5	1.01
F05	19 Aug 2020	47	11.89	92.28	6.0	33.56	8.0	25.5	0.99
F05	19 Aug 2020	48	11.89	92.28	6.0	33.56	8.0	25.5	0.99
F05	19 Aug 2020	49	11.89	92.22	5.9	33.57	8.0	25.5	0.99
F05	19 Aug 2020	50	11.89	92.01	5.9	33.57	8.0	25.5	0.97
F05	19 Aug 2020	51	11.89	91.95	5.9	33.57	8.0	25.5	0.96
F05	19 Aug 2020	52	11.89	91.94	5.8	33.57	8.0	25.5	0.96

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F05	19 Aug 2020	53	11.89	91.94	5.8	33.57	8.0	25.5	0.95
F05	19 Aug 2020	54	11.90	91.80	5.8	33.57	7.9	25.5	0.91
F05	19 Aug 2020	55	11.89	91.62	5.8	33.58	7.9	25.5	0.92
F05	19 Aug 2020	56	11.89	91.61	5.8	33.58	7.9	25.5	0.94
F05	19 Aug 2020	57	11.89	91.54	5.7	33.58	7.9	25.5	0.91
F05	19 Aug 2020	58	11.86	91.25	5.6	33.59	7.9	25.5	0.84
F05	19 Aug 2020	59	11.84	90.32	5.5	33.60	7.9	25.5	0.82
F05	19 Aug 2020	60	11.83	89.78	5.5	33.60	7.9	25.5	0.81
F05	19 Aug 2020	61	11.83	89.45	5.4	33.60	7.9	25.5	0.81
F05	19 Aug 2020	62	11.84	86.45	5.4	33.59	7.9	25.5	0.81
F06	19 Aug 2020	1	23.71	82.86	7.8	33.76	8.3	22.8	1.05
F06	19 Aug 2020	2	23.65	82.81	7.7	33.76	8.3	22.8	1.09
F06	19 Aug 2020	3	23.31	82.70	7.8	33.76	8.3	22.9	1.14
F06	19 Aug 2020	4	23.14	83.30	7.9	33.74	8.3	22.9	1.18
F06	19 Aug 2020	5	23.11	83.43	7.9	33.74	8.3	22.9	1.23
F06	19 Aug 2020	6	22.86	83.69	7.8	33.76	8.3	23.0	1.26
F06	19 Aug 2020	7	21.69	84.95	7.8	33.77	8.3	23.4	1.11
F06	19 Aug 2020	8	20.49	87.74	7.9	33.71	8.2	23.7	0.81
F06	19 Aug 2020	9	19.34	89.40	7.9	33.64	8.2	23.9	0.78
F06	19 Aug 2020	10	18.21	89.62	8.1	33.56	8.2	24.1	0.87
F06	19 Aug 2020	11	16.98	89.85	8.3	33.47	8.2	24.3	0.80
F06	19 Aug 2020	12	16.50	90.45	8.3	33.40	8.2	24.4	0.69
F06	19 Aug 2020	13	16.19	90.87	8.3	33.39	8.2	24.5	0.58
F06	19 Aug 2020	14	15.83	91.20	8.3	33.38	8.2	24.5	0.60
F06	19 Aug 2020	15	15.39	91.28	8.4	33.37	8.2	24.6	0.69
F06	19 Aug 2020	16	15.23	91.40	8.4	33.37	8.2	24.7	0.80
F06	19 Aug 2020	17	15.18	91.16	8.4	33.38	8.2	24.7	0.90
F06	19 Aug 2020	18	15.12	90.78	8.5	33.40	8.2	24.7	1.02
F06	19 Aug 2020	19	15.06	90.54	8.5	33.40	8.2	24.7	1.08
F06	19 Aug 2020	20	14.99	90.39	8.4	33.40	8.2	24.7	1.21
F06	19 Aug 2020	21	14.84	90.36	8.4	33.40	8.2	24.8	1.42
F06	19 Aug 2020	22	14.47	90.21	8.4	33.41	8.2	24.9	1.58
F06	19 Aug 2020	23	14.30	89.94	8.3	33.40	8.2	24.9	1.91
F06	19 Aug 2020	24	14.14	89.83	8.3	33.41	8.2	24.9	2.51
F06	19 Aug 2020	25	13.98	89.27	8.1	33.44	8.2	25.0	3.24
F06	19 Aug 2020	26	13.71	88.08	7.9	33.48	8.1	25.1	4.14
F06	19 Aug 2020	27	13.28	86.37	7.6	33.49	8.1	25.2	4.51
F06	19 Aug 2020	28	13.03	86.01	7.2	33.51	8.1	25.2	3.92
F06	19 Aug 2020	29	12.87	86.89	7.0	33.52	8.1	25.3	3.12
F06	19 Aug 2020	30	12.79	88.04	6.8	33.52	8.0	25.3	2.77
F06	19 Aug 2020	31	12.70	89.13	6.7	33.52	8.0	25.3	2.43
F06	19 Aug 2020	32	12.56	89.65	6.6	33.52	8.0	25.3	2.12
F06	19 Aug 2020	33	12.45	89.90	6.6	33.52	8.0	25.4	1.86
F06	19 Aug 2020	34	12.32	90.26	6.6	33.51	8.0	25.4	1.69
F06	19 Aug 2020	35	12.29	91.30	6.6	33.51	8.0	25.4	1.53
F06	19 Aug 2020	36	12.27	91.76	6.5	33.51	8.0	25.4	1.42
F06	19 Aug 2020	37	12.24	92.02	6.5	33.51	8.0	25.4	1.55
F06	19 Aug 2020	38	12.23	92.09	6.5	33.51	8.0	25.4	1.32
F06	19 Aug 2020	39	12.22	92.15	6.5	33.51	8.0	25.4	1.38
F06	19 Aug 2020	40	12.22	92.14	6.5	33.51	8.0	25.4	1.31
F06	19 Aug 2020	41	12.18	92.16	6.4	33.52	8.0	25.4	1.23
F06	19 Aug 2020	42	12.15	92.19	6.4	33.52	8.0	25.4	1.20
F06	19 Aug 2020	43	12.10	92.23	6.3	33.53	8.0	25.4	1.19
F06	19 Aug 2020	44	12.08	92.26	6.3	33.53	8.0	25.4	1.13
F06	19 Aug 2020	45	12.10	92.27	6.2	33.53	8.0	25.4	1.11
F06	19 Aug 2020	46	12.05	92.26	6.2	33.54	8.0	25.4	1.08
F06	19 Aug 2020	47	12.03	92.26	6.1	33.55	8.0	25.5	1.07
F06	19 Aug 2020	48	12.02	92.22	6.1	33.55	8.0	25.5	1.03
F06	19 Aug 2020	49	12.02	92.20	6.1	33.55	8.0	25.5	1.05
F06	19 Aug 2020	50	12.00	92.24	6.0	33.55	8.0	25.5	1.01

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F06	19 Aug 2020	51	11.99	92.19	6.0	33.56	8.0	25.5	0.99
F06	19 Aug 2020	52	11.98	92.07	5.9	33.56	8.0	25.5	0.96
F06	19 Aug 2020	53	11.96	91.99	5.9	33.57	8.0	25.5	0.94
F06	19 Aug 2020	54	11.96	91.61	5.8	33.57	7.9	25.5	0.94
F06	19 Aug 2020	55	11.94	90.80	5.7	33.59	7.9	25.5	0.92
F06	19 Aug 2020	56	11.92	90.62	5.6	33.59	7.9	25.5	0.85
F06	19 Aug 2020	57	11.91	90.19	5.5	33.60	7.9	25.5	0.85
F06	19 Aug 2020	58	11.90	89.65	5.4	33.60	7.9	25.5	0.83
F06	19 Aug 2020	59	11.91	89.40	5.4	33.60	7.9	25.5	0.83
F06	19 Aug 2020	60	11.90	89.30	5.4	33.60	7.9	25.5	0.81
F06	19 Aug 2020	61	11.90	89.21	5.3	33.60	7.9	25.5	0.84
F06	19 Aug 2020	62	11.91	89.07	5.3	33.60	7.9	25.5	0.85
F07	19 Aug 2020	1	23.49	82.69	7.8	33.75	8.3	22.8	1.14
F07	19 Aug 2020	2	23.51	82.55	7.8	33.75	8.3	22.8	1.17
F07	19 Aug 2020	3	23.44	82.56	7.8	33.75	8.3	22.9	1.21
F07	19 Aug 2020	4	23.27	82.59	7.8	33.76	8.3	22.9	1.23
F07	19 Aug 2020	5	22.96	82.68	7.8	33.73	8.3	23.0	1.27
F07	19 Aug 2020	6	22.79	83.06	7.9	33.73	8.3	23.0	1.31
F07	19 Aug 2020	7	22.75	83.85	8.0	33.73	8.3	23.0	1.34
F07	19 Aug 2020	8	22.37	84.07	7.9	33.75	8.3	23.2	1.24
F07	19 Aug 2020	9	21.55	85.07	8.1	33.74	8.3	23.4	1.01
F07	19 Aug 2020	10	21.13	87.53	8.2	33.73	8.3	23.5	0.96
F07	19 Aug 2020	11	20.18	88.33	8.0	33.69	8.3	23.7	0.96
F07	19 Aug 2020	12	18.18	88.67	8.0	33.56	8.2	24.1	0.91
F07	19 Aug 2020	13	16.84	89.46	8.3	33.45	8.2	24.4	0.88
F07	19 Aug 2020	14	16.36	90.11	8.4	33.42	8.2	24.4	0.80
F07	19 Aug 2020	15	16.35	90.60	8.4	33.41	8.2	24.4	0.73
F07	19 Aug 2020	16	16.33	90.91	8.4	33.41	8.2	24.5	0.68
F07	19 Aug 2020	17	16.01	91.01	8.3	33.40	8.2	24.5	0.69
F07	19 Aug 2020	18	15.47	91.15	8.4	33.38	8.2	24.6	0.72
F07	19 Aug 2020	19	15.33	91.12	8.4	33.38	8.2	24.6	0.83
F07	19 Aug 2020	20	15.24	91.09	8.5	33.39	8.2	24.7	1.05
F07	19 Aug 2020	21	15.18	90.59	8.4	33.40	8.2	24.7	1.15
F07	19 Aug 2020	22	14.98	90.50	8.4	33.40	8.2	24.7	1.20
F07	19 Aug 2020	23	14.67	90.40	8.4	33.39	8.2	24.8	1.39
F07	19 Aug 2020	24	14.40	90.21	8.4	33.40	8.2	24.9	1.76
F07	19 Aug 2020	25	14.26	90.07	8.3	33.40	8.2	24.9	2.11
F07	19 Aug 2020	26	14.12	89.58	8.3	33.40	8.2	24.9	2.68
F07	19 Aug 2020	27	13.94	89.08	8.1	33.45	8.2	25.0	3.59
F07	19 Aug 2020	28	13.74	87.97	7.9	33.49	8.1	25.1	4.50
F07	19 Aug 2020	29	13.52	85.94	7.7	33.49	8.1	25.1	4.57
F07	19 Aug 2020	30	13.24	85.19	7.4	33.49	8.1	25.2	4.30
F07	19 Aug 2020	31	13.12	86.41	7.3	33.49	8.1	25.2	3.82
F07	19 Aug 2020	32	13.11	87.29	7.1	33.51	8.1	25.2	3.28
F07	19 Aug 2020	33	12.96	87.38	6.8	33.54	8.0	25.3	2.70
F07	19 Aug 2020	34	12.60	87.58	6.4	33.56	8.0	25.4	2.07
F07	19 Aug 2020	35	12.51	88.32	6.2	33.56	8.0	25.4	1.80
F07	19 Aug 2020	36	12.41	88.94	6.2	33.56	8.0	25.4	1.66
F07	19 Aug 2020	37	12.36	89.37	6.2	33.55	8.0	25.4	1.55
F07	19 Aug 2020	38	12.33	90.23	6.2	33.55	8.0	25.4	1.48
F07	19 Aug 2020	39	12.29	90.62	6.2	33.55	8.0	25.4	1.39
F07	19 Aug 2020	40	12.24	90.85	6.2	33.54	8.0	25.4	1.29
F07	19 Aug 2020	41	12.17	90.97	6.2	33.54	8.0	25.4	1.21
F07	19 Aug 2020	42	12.13	91.56	6.2	33.54	8.0	25.4	1.13
F07	19 Aug 2020	43	12.13	91.89	6.2	33.54	8.0	25.4	1.08
F07	19 Aug 2020	44	12.10	92.01	6.2	33.55	8.0	25.4	1.10
F07	19 Aug 2020	45	12.09	92.01	6.1	33.55	8.0	25.4	1.03
F07	19 Aug 2020	46	12.08	92.05	6.1	33.54	8.0	25.4	1.05
F07	19 Aug 2020	47	12.05	92.05	6.1	33.55	8.0	25.5	0.99
F07	19 Aug 2020	48	12.02	92.21	6.1	33.55	8.0	25.5	1.00

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F07	19 Aug 2020	49	11.98	92.36	6.0	33.56	8.0	25.5	0.95
F07	19 Aug 2020	50	11.95	92.45	6.0	33.56	8.0	25.5	0.86
F07	19 Aug 2020	51	11.93	92.37	6.0	33.56	8.0	25.5	0.86
F07	19 Aug 2020	52	11.90	92.54	6.0	33.57	8.0	25.5	0.87
F07	19 Aug 2020	53	11.89	92.66	5.9	33.57	8.0	25.5	0.86
F07	19 Aug 2020	54	11.88	92.65	5.9	33.57	8.0	25.5	0.83
F07	19 Aug 2020	55	11.88	92.61	5.9	33.57	7.9	25.5	0.84
F07	19 Aug 2020	56	11.89	92.53	5.8	33.58	7.9	25.5	0.92
F07	19 Aug 2020	57	11.89	92.32	5.8	33.58	7.9	25.5	0.85
F07	19 Aug 2020	58	11.91	92.14	5.7	33.59	7.9	25.5	0.84
F07	19 Aug 2020	59	11.92	91.84	5.6	33.59	7.9	25.5	0.84
F07	19 Aug 2020	60	11.90	91.42	5.4	33.61	7.9	25.5	0.79
F07	19 Aug 2020	61	11.87	90.89	5.4	33.61	7.9	25.5	0.77
F07	19 Aug 2020	62	11.85	90.71	5.3	33.61	7.9	25.5	0.76
F07	19 Aug 2020	63	11.78	90.36	5.2	33.62	7.9	25.6	0.73
F07	19 Aug 2020	64	11.74	88.97	5.2	33.62	7.9	25.6	0.69
F07	19 Aug 2020	65	11.75	87.45	5.2	33.62	7.9	25.6	0.69
F08	19 Aug 2020	1	23.30	82.30	7.8	33.73	8.3	22.9	1.21
F08	19 Aug 2020	2	22.81	82.40	7.9	33.72	8.3	23.0	1.31
F08	19 Aug 2020	3	22.56	82.38	7.9	33.71	8.3	23.1	1.37
F08	19 Aug 2020	4	22.42	82.78	8.0	33.71	8.3	23.1	1.55
F08	19 Aug 2020	5	22.27	82.82	8.1	33.71	8.3	23.2	1.58
F08	19 Aug 2020	6	22.22	83.44	8.1	33.72	8.3	23.2	1.54
F08	19 Aug 2020	7	22.05	84.46	8.1	33.74	8.3	23.2	1.35
F08	19 Aug 2020	8	21.33	85.71	8.2	33.74	8.3	23.4	1.10
F08	19 Aug 2020	9	20.16	86.87	8.1	33.69	8.3	23.7	1.11
F08	19 Aug 2020	10	18.15	87.97	8.2	33.58	8.2	24.1	1.17
F08	19 Aug 2020	11	17.45	88.06	8.4	33.49	8.2	24.2	1.19
F08	19 Aug 2020	12	17.20	88.21	8.3	33.50	8.2	24.3	1.22
F08	19 Aug 2020	13	16.61	89.23	8.4	33.45	8.2	24.4	1.22
F08	19 Aug 2020	14	16.67	89.59	8.4	33.45	8.2	24.4	1.21
F08	19 Aug 2020	15	16.47	89.92	8.4	33.45	8.2	24.4	1.24
F08	19 Aug 2020	16	16.28	90.02	8.3	33.45	8.2	24.5	1.29
F08	19 Aug 2020	17	15.85	90.12	8.4	33.44	8.2	24.6	1.26
F08	19 Aug 2020	18	15.66	90.06	8.4	33.44	8.2	24.6	1.43
F08	19 Aug 2020	19	15.10	89.88	8.5	33.42	8.2	24.7	1.57
F08	19 Aug 2020	20	14.90	89.50	8.5	33.40	8.2	24.8	1.63
F08	19 Aug 2020	21	14.81	89.65	8.5	33.40	8.2	24.8	1.77
F08	19 Aug 2020	22	14.76	89.72	8.5	33.40	8.2	24.8	1.88
F08	19 Aug 2020	23	14.69	89.49	8.5	33.40	8.2	24.8	2.10
F08	19 Aug 2020	24	14.65	89.24	8.4	33.40	8.2	24.8	2.29
F08	19 Aug 2020	25	14.49	88.88	8.4	33.41	8.2	24.9	2.65
F08	19 Aug 2020	26	14.15	88.63	8.2	33.42	8.2	24.9	3.22
F08	19 Aug 2020	27	13.82	87.97	7.8	33.50	8.1	25.1	3.66
F08	19 Aug 2020	28	13.38	86.59	7.4	33.52	8.1	25.2	3.67
F08	19 Aug 2020	29	13.26	86.14	7.2	33.51	8.1	25.2	3.39
F08	19 Aug 2020	30	13.15	86.98	7.1	33.52	8.1	25.2	3.14
F08	19 Aug 2020	31	13.01	87.42	6.9	33.52	8.0	25.2	2.72
F08	19 Aug 2020	32	12.94	87.74	6.7	33.53	8.0	25.3	2.55
F08	19 Aug 2020	33	12.81	88.07	6.6	33.54	8.0	25.3	2.32
F08	19 Aug 2020	34	12.58	88.57	6.5	33.54	8.0	25.3	2.01
F08	19 Aug 2020	35	12.51	89.53	6.3	33.54	8.0	25.4	1.79
F08	19 Aug 2020	36	12.41	89.73	6.1	33.56	8.0	25.4	1.69
F08	19 Aug 2020	37	12.28	89.62	5.9	33.59	8.0	25.4	1.41
F08	19 Aug 2020	38	12.16	89.84	5.7	33.59	7.9	25.5	1.21
F08	19 Aug 2020	39	12.02	90.76	5.8	33.58	7.9	25.5	1.06
F08	19 Aug 2020	40	12.00	91.39	5.7	33.59	7.9	25.5	0.95
F08	19 Aug 2020	41	11.99	91.14	5.6	33.59	7.9	25.5	0.90
F08	19 Aug 2020	42	12.00	91.07	5.5	33.59	7.9	25.5	0.85
F08	19 Aug 2020	43	11.99	91.05	5.5	33.59	7.9	25.5	0.88

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F08	19 Aug 2020	44	12.00	91.11	5.5	33.59	7.9	25.5	0.92
F08	19 Aug 2020	45	11.99	91.16	5.5	33.60	7.9	25.5	0.87
F08	19 Aug 2020	46	12.00	91.13	5.5	33.60	7.9	25.5	0.83
F08	19 Aug 2020	47	11.99	91.14	5.5	33.60	7.9	25.5	0.84
F08	19 Aug 2020	48	11.99	91.03	5.5	33.59	7.9	25.5	0.85
F08	19 Aug 2020	49	11.97	91.12	5.4	33.60	7.9	25.5	0.83
F08	19 Aug 2020	50	11.95	90.98	5.4	33.61	7.9	25.5	0.79
F08	19 Aug 2020	51	11.95	90.66	5.3	33.61	7.9	25.5	0.79
F08	19 Aug 2020	52	11.95	90.46	5.3	33.61	7.9	25.5	0.78
F08	19 Aug 2020	53	11.94	90.45	5.3	33.61	7.9	25.5	0.76
F08	19 Aug 2020	54	11.89	90.21	5.2	33.62	7.9	25.5	0.71
F08	19 Aug 2020	55	11.79	89.74	5.1	33.63	7.9	25.6	0.67
F08	19 Aug 2020	56	11.74	89.54	5.0	33.64	7.9	25.6	0.64
F08	19 Aug 2020	57	11.70	89.59	5.0	33.64	7.9	25.6	0.61
F08	19 Aug 2020	58	11.63	89.51	4.9	33.65	7.9	25.6	0.58
F08	19 Aug 2020	59	11.61	89.26	4.9	33.65	7.9	25.6	0.59
F08	19 Aug 2020	60	11.59	89.04	4.9	33.65	7.8	25.6	0.56
F08	19 Aug 2020	61	11.33	88.43	4.8	33.69	7.8	25.7	0.51
F08	19 Aug 2020	62	11.29	86.87	4.6	33.69	7.8	25.7	0.47
F09	19 Aug 2020	1	23.08	83.20	7.8	33.73	8.3	22.9	0.91
F09	19 Aug 2020	2	22.61	83.65	8.0	33.72	8.3	23.1	0.96
F09	19 Aug 2020	3	22.45	84.37	8.1	33.72	8.3	23.1	1.07
F09	19 Aug 2020	4	22.44	84.22	8.1	33.72	8.3	23.1	1.16
F09	19 Aug 2020	5	22.27	84.32	8.1	33.74	8.3	23.2	1.25
F09	19 Aug 2020	6	22.01	84.66	8.0	33.75	8.3	23.3	1.11
F09	19 Aug 2020	7	21.42	85.48	8.2	33.74	8.3	23.4	0.99
F09	19 Aug 2020	8	20.58	87.27	8.4	33.70	8.3	23.6	1.00
F09	19 Aug 2020	9	20.23	87.86	8.3	33.69	8.3	23.7	1.08
F09	19 Aug 2020	10	18.96	87.60	8.3	33.66	8.2	24.0	1.15
F09	19 Aug 2020	11	17.65	87.82	8.3	33.55	8.2	24.2	1.25
F09	19 Aug 2020	12	16.88	88.58	8.3	33.51	8.2	24.4	1.28
F09	19 Aug 2020	13	16.35	89.19	8.4	33.45	8.2	24.5	1.29
F09	19 Aug 2020	14	16.11	89.77	8.4	33.44	8.2	24.5	1.28
F09	19 Aug 2020	15	15.86	89.87	8.4	33.43	8.2	24.6	1.37
F09	19 Aug 2020	16	15.40	90.00	8.5	33.40	8.2	24.7	1.33
F09	19 Aug 2020	17	15.14	89.97	8.5	33.40	8.2	24.7	1.38
F09	19 Aug 2020	18	15.03	89.83	8.5	33.39	8.2	24.7	1.49
F09	19 Aug 2020	19	14.95	89.70	8.5	33.39	8.2	24.7	1.68
F09	19 Aug 2020	20	14.87	89.58	8.5	33.39	8.2	24.8	1.75
F09	19 Aug 2020	21	14.78	89.38	8.5	33.39	8.2	24.8	1.92
F09	19 Aug 2020	22	14.62	89.30	8.5	33.39	8.2	24.8	2.10
F09	19 Aug 2020	23	14.53	89.21	8.4	33.39	8.2	24.8	2.29
F09	19 Aug 2020	24	14.34	89.02	8.3	33.40	8.2	24.9	2.55
F09	19 Aug 2020	25	14.17	88.69	8.3	33.40	8.2	24.9	2.84
F09	19 Aug 2020	26	14.05	88.42	8.2	33.44	8.2	25.0	3.45
F09	19 Aug 2020	27	13.78	87.11	7.9	33.48	8.1	25.1	4.27
F09	19 Aug 2020	28	13.53	85.71	7.5	33.51	8.1	25.1	4.10
F09	19 Aug 2020	29	13.13	85.66	7.1	33.53	8.1	25.2	3.34
F09	19 Aug 2020	30	12.66	86.83	6.7	33.54	8.0	25.3	2.50
F09	19 Aug 2020	31	12.44	88.06	6.4	33.54	8.0	25.4	1.98
F09	19 Aug 2020	32	12.36	89.63	6.2	33.55	8.0	25.4	1.73
F09	19 Aug 2020	33	12.33	89.77	6.1	33.56	8.0	25.4	1.54
F09	19 Aug 2020	34	12.30	89.91	6.0	33.57	8.0	25.4	1.41
F09	19 Aug 2020	35	12.27	89.91	5.9	33.58	8.0	25.4	1.32
F09	19 Aug 2020	36	12.22	89.95	5.8	33.58	8.0	25.4	1.23
F09	19 Aug 2020	37	12.18	90.04	5.8	33.58	7.9	25.5	1.16
F09	19 Aug 2020	38	12.09	90.34	5.8	33.57	8.0	25.5	1.08
F09	19 Aug 2020	39	12.00	90.98	6.0	33.55	8.0	25.5	1.02
F09	19 Aug 2020	40	12.02	91.80	5.9	33.57	8.0	25.5	0.94
F09	19 Aug 2020	41	12.02	91.76	5.8	33.58	7.9	25.5	0.96

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F09	19 Aug 2020	42	11.97	91.52	5.7	33.59	7.9	25.5	0.95
F09	19 Aug 2020	43	11.95	91.66	5.7	33.59	7.9	25.5	0.96
F09	19 Aug 2020	44	11.83	91.99	5.6	33.61	7.9	25.5	0.81
F09	19 Aug 2020	45	11.82	91.81	5.4	33.62	7.9	25.6	0.76
F09	19 Aug 2020	46	11.81	91.39	5.3	33.62	7.9	25.6	0.72
F09	19 Aug 2020	47	11.81	91.26	5.3	33.62	7.9	25.6	0.69
F09	19 Aug 2020	48	11.81	91.28	5.3	33.62	7.9	25.6	0.72
F09	19 Aug 2020	49	11.79	91.13	5.3	33.62	7.9	25.6	0.70
F09	19 Aug 2020	50	11.77	91.19	5.3	33.62	7.9	25.6	0.70
F09	19 Aug 2020	51	11.76	91.08	5.3	33.62	7.9	25.6	0.69
F09	19 Aug 2020	52	11.74	91.08	5.3	33.62	7.9	25.6	0.67
F09	19 Aug 2020	53	11.70	91.07	5.2	33.63	7.9	25.6	0.65
F09	19 Aug 2020	54	11.64	90.85	5.2	33.63	7.9	25.6	0.64
F09	19 Aug 2020	55	11.58	90.69	5.2	33.64	7.9	25.6	0.62
F09	19 Aug 2020	56	11.54	90.91	5.2	33.64	7.9	25.6	0.62
F09	19 Aug 2020	57	11.51	91.00	5.2	33.64	7.9	25.6	0.61
F09	19 Aug 2020	58	11.49	91.65	5.2	33.64	7.9	25.6	0.56
F09	19 Aug 2020	59	11.44	91.30	5.1	33.65	7.9	25.6	0.55
F09	19 Aug 2020	60	11.31	90.16	5.0	33.68	7.9	25.7	0.52
F09	19 Aug 2020	61	11.18	88.69	4.8	33.69	7.8	25.7	0.46
F09	19 Aug 2020	62	11.13	88.06	4.8	33.69	7.8	25.7	0.46
F09	19 Aug 2020	63	11.14	87.64	4.8	33.68	7.8	25.7	0.44
F10	19 Aug 2020	1	23.14	84.07	7.8	33.73	8.3	22.9	0.97
F10	19 Aug 2020	2	23.28	84.06	7.7	33.73	8.3	22.9	1.00
F10	19 Aug 2020	3	23.05	84.17	7.8	33.73	8.3	23.0	1.05
F10	19 Aug 2020	4	22.57	84.36	8.0	33.74	8.3	23.1	1.11
F10	19 Aug 2020	5	22.28	85.11	8.0	33.75	8.3	23.2	1.20
F10	19 Aug 2020	6	21.95	85.00	8.0	33.75	8.3	23.3	1.06
F10	19 Aug 2020	7	21.82	86.20	8.1	33.75	8.3	23.3	0.92
F10	19 Aug 2020	8	21.42	87.59	8.2	33.74	8.3	23.4	0.92
F10	19 Aug 2020	9	20.23	88.08	8.2	33.70	8.3	23.7	0.96
F10	19 Aug 2020	10	19.40	88.38	8.2	33.64	8.2	23.9	0.97
F10	19 Aug 2020	11	18.42	88.34	8.4	33.60	8.2	24.1	1.14
F10	19 Aug 2020	12	17.89	88.29	8.4	33.57	8.2	24.2	1.24
F10	19 Aug 2020	13	17.33	88.42	8.3	33.54	8.2	24.3	1.21
F10	19 Aug 2020	14	16.50	89.06	8.4	33.47	8.2	24.5	1.15
F10	19 Aug 2020	15	16.34	89.88	8.4	33.46	8.2	24.5	1.07
F10	19 Aug 2020	16	16.18	90.14	8.3	33.47	8.2	24.5	1.07
F10	19 Aug 2020	17	15.48	89.93	8.4	33.43	8.2	24.7	1.10
F10	19 Aug 2020	18	15.13	90.33	8.5	33.39	8.2	24.7	1.08
F10	19 Aug 2020	19	15.07	90.36	8.5	33.38	8.2	24.7	1.19
F10	19 Aug 2020	20	14.99	90.35	8.4	33.38	8.2	24.7	1.23
F10	19 Aug 2020	21	14.87	90.29	8.4	33.39	8.2	24.8	1.41
F10	19 Aug 2020	22	14.64	90.12	8.4	33.39	8.2	24.8	1.67
F10	19 Aug 2020	23	14.33	89.77	8.4	33.40	8.2	24.9	2.27
F10	19 Aug 2020	24	14.10	88.91	8.2	33.42	8.2	24.9	3.08
F10	19 Aug 2020	25	13.99	87.30	8.0	33.45	8.2	25.0	3.72
F10	19 Aug 2020	26	13.85	86.34	7.9	33.47	8.1	25.0	4.33
F10	19 Aug 2020	27	13.70	85.57	7.8	33.49	8.1	25.1	4.67
F10	19 Aug 2020	28	13.51	85.04	7.6	33.49	8.1	25.1	4.61
F10	19 Aug 2020	29	13.37	85.91	7.5	33.49	8.1	25.2	4.10
F10	19 Aug 2020	30	13.27	86.92	7.3	33.49	8.1	25.2	3.66
F10	19 Aug 2020	31	13.21	87.92	7.1	33.51	8.1	25.2	3.20
F10	19 Aug 2020	32	13.12	87.66	6.8	33.54	8.0	25.2	2.85
F10	19 Aug 2020	33	12.82	87.07	6.5	33.57	8.0	25.3	2.38
F10	19 Aug 2020	34	12.41	87.66	6.3	33.55	8.0	25.4	1.92
F10	19 Aug 2020	35	12.30	89.92	6.1	33.57	8.0	25.4	1.52
F10	19 Aug 2020	36	12.19	90.38	5.9	33.58	8.0	25.5	1.35
F10	19 Aug 2020	37	12.13	90.39	5.8	33.59	8.0	25.5	1.20
F10	19 Aug 2020	38	12.11	90.79	5.8	33.58	8.0	25.5	1.05

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F10	19 Aug 2020	39	12.08	90.95	5.8	33.58	8.0	25.5	1.01
F10	19 Aug 2020	40	12.04	91.09	5.7	33.59	7.9	25.5	1.00
F10	19 Aug 2020	41	12.00	91.22	5.7	33.59	7.9	25.5	0.95
F10	19 Aug 2020	42	11.95	91.35	5.7	33.59	7.9	25.5	0.88
F10	19 Aug 2020	43	11.81	91.41	5.6	33.61	7.9	25.5	0.81
F10	19 Aug 2020	44	11.75	91.67	5.5	33.61	7.9	25.6	0.74
F10	19 Aug 2020	45	11.74	91.85	5.5	33.62	7.9	25.6	0.71
F10	19 Aug 2020	46	11.72	91.92	5.4	33.62	7.9	25.6	0.72
F10	19 Aug 2020	47	11.71	91.89	5.4	33.62	7.9	25.6	0.69
F10	19 Aug 2020	48	11.70	91.90	5.4	33.62	7.9	25.6	0.70
F10	19 Aug 2020	49	11.69	91.92	5.4	33.62	7.9	25.6	0.68
F10	19 Aug 2020	50	11.67	91.88	5.3	33.62	7.9	25.6	0.65
F10	19 Aug 2020	51	11.65	91.85	5.3	33.63	7.9	25.6	0.62
F10	19 Aug 2020	52	11.60	91.86	5.3	33.63	7.9	25.6	0.63
F10	19 Aug 2020	53	11.50	91.69	5.2	33.64	7.9	25.6	0.59
F10	19 Aug 2020	54	11.43	91.25	5.2	33.65	7.9	25.6	0.57
F10	19 Aug 2020	55	11.40	90.56	5.1	33.65	7.9	25.7	0.55
F10	19 Aug 2020	56	11.33	90.20	5.1	33.66	7.9	25.7	0.52
F10	19 Aug 2020	57	11.12	90.65	5.1	33.66	7.9	25.7	0.47
F10	19 Aug 2020	58	11.05	91.29	5.1	33.66	7.9	25.7	0.41
F10	19 Aug 2020	59	11.01	91.40	5.1	33.66	7.9	25.7	0.40
F10	19 Aug 2020	60	10.98	91.48	5.1	33.66	7.9	25.7	0.39
F10	19 Aug 2020	61	10.97	91.55	5.1	33.66	7.9	25.7	0.37
F10	19 Aug 2020	62	10.97	91.17	5.0	33.66	7.9	25.7	0.38
F10	19 Aug 2020	63	11.01	91.00	5.0	33.66	7.9	25.7	0.37
F11	19 Aug 2020	1	23.37	83.63	7.8	33.74	8.3	22.9	0.96
F11	19 Aug 2020	2	23.20	83.54	7.7	33.74	8.3	22.9	0.98
F11	19 Aug 2020	3	23.10	83.71	7.7	33.73	8.3	22.9	1.02
F11	19 Aug 2020	4	23.01	84.12	7.7	33.73	8.3	23.0	1.06
F11	19 Aug 2020	5	22.75	84.56	7.8	33.73	8.3	23.0	1.11
F11	19 Aug 2020	6	22.35	85.09	7.9	33.75	8.3	23.2	1.08
F11	19 Aug 2020	7	21.77	85.40	8.1	33.75	8.3	23.3	0.92
F11	19 Aug 2020	8	21.56	86.83	8.2	33.74	8.3	23.4	0.88
F11	19 Aug 2020	9	21.25	87.99	8.1	33.73	8.3	23.5	0.93
F11	19 Aug 2020	10	19.95	88.14	8.0	33.70	8.3	23.8	0.97
F11	19 Aug 2020	11	18.25	88.21	8.0	33.60	8.2	24.1	0.93
F11	19 Aug 2020	12	16.92	88.95	8.3	33.50	8.2	24.4	0.84
F11	19 Aug 2020	13	16.52	89.34	8.3	33.42	8.2	24.4	0.81
F11	19 Aug 2020	14	16.29	90.16	8.3	33.42	8.2	24.5	0.79
F11	19 Aug 2020	15	15.83	90.69	8.4	33.43	8.2	24.6	0.81
F11	19 Aug 2020	16	15.53	90.78	8.4	33.41	8.2	24.6	0.84
F11	19 Aug 2020	17	15.14	90.63	8.4	33.39	8.2	24.7	0.89
F11	19 Aug 2020	18	14.86	90.74	8.5	33.37	8.2	24.7	0.99
F11	19 Aug 2020	19	14.77	90.68	8.5	33.36	8.2	24.8	1.11
F11	19 Aug 2020	20	14.73	90.66	8.3	33.36	8.2	24.8	1.14
F11	19 Aug 2020	21	14.42	90.61	8.3	33.37	8.2	24.8	1.31
F11	19 Aug 2020	22	14.14	90.58	8.3	33.38	8.2	24.9	1.68
F11	19 Aug 2020	23	14.08	90.20	8.3	33.38	8.2	24.9	2.17
F11	19 Aug 2020	24	13.94	89.82	8.2	33.40	8.2	25.0	2.75
F11	19 Aug 2020	25	13.86	89.20	8.1	33.42	8.2	25.0	3.34
F11	19 Aug 2020	26	13.81	88.58	8.1	33.43	8.2	25.0	3.80
F11	19 Aug 2020	27	13.79	87.99	8.0	33.45	8.1	25.0	4.33
F11	19 Aug 2020	28	13.63	86.85	7.9	33.47	8.1	25.1	4.83
F11	19 Aug 2020	29	13.39	85.69	7.7	33.47	8.1	25.1	4.43
F11	19 Aug 2020	30	13.34	87.29	7.5	33.48	8.1	25.1	3.96
F11	19 Aug 2020	31	13.20	87.58	7.3	33.50	8.1	25.2	3.49
F11	19 Aug 2020	32	13.05	87.95	7.0	33.52	8.1	25.2	2.97
F11	19 Aug 2020	33	12.87	88.09	6.6	33.56	8.0	25.3	2.41
F11	19 Aug 2020	34	12.43	87.96	6.2	33.58	8.0	25.4	1.95
F11	19 Aug 2020	35	12.27	89.09	6.1	33.57	8.0	25.4	1.50

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F11	19 Aug 2020	36	12.20	89.91	6.0	33.57	8.0	25.4	1.31
F11	19 Aug 2020	37	12.14	90.65	5.8	33.58	8.0	25.5	1.14
F11	19 Aug 2020	38	12.10	90.70	5.8	33.59	8.0	25.5	1.07
F11	19 Aug 2020	39	12.06	90.76	5.8	33.59	8.0	25.5	1.00
F11	19 Aug 2020	40	12.01	90.87	5.8	33.59	8.0	25.5	0.97
F11	19 Aug 2020	41	11.96	91.42	5.8	33.59	8.0	25.5	0.90
F11	19 Aug 2020	42	11.92	91.71	5.7	33.59	8.0	25.5	0.86
F11	19 Aug 2020	43	11.74	91.90	5.6	33.60	8.0	25.6	0.79
F11	19 Aug 2020	44	11.63	92.30	5.6	33.62	7.9	25.6	0.72
F11	19 Aug 2020	45	11.64	92.42	5.4	33.62	7.9	25.6	0.66
F11	19 Aug 2020	46	11.63	92.03	5.3	33.63	7.9	25.6	0.64
F11	19 Aug 2020	47	11.62	91.68	5.3	33.63	7.9	25.6	0.62
F11	19 Aug 2020	48	11.62	91.68	5.3	33.63	7.9	25.6	0.62
F11	19 Aug 2020	49	11.61	91.70	5.2	33.63	7.9	25.6	0.60
F11	19 Aug 2020	50	11.60	91.45	5.2	33.64	7.9	25.6	0.60
F11	19 Aug 2020	51	11.54	91.43	5.2	33.64	7.9	25.6	0.60
F11	19 Aug 2020	52	11.42	91.48	5.3	33.64	7.9	25.6	0.58
F11	19 Aug 2020	53	11.36	91.86	5.3	33.64	7.9	25.7	0.54
F11	19 Aug 2020	54	11.33	91.81	5.2	33.65	7.9	25.7	0.50
F11	19 Aug 2020	55	11.29	91.17	5.1	33.66	7.9	25.7	0.50
F11	19 Aug 2020	56	11.25	90.41	5.0	33.66	7.9	25.7	0.49
F11	19 Aug 2020	57	11.22	90.54	5.0	33.66	7.9	25.7	0.53
F11	19 Aug 2020	58	11.22	90.56	5.0	33.66	7.9	25.7	0.50
F11	19 Aug 2020	59	11.21	90.51	5.0	33.66	7.9	25.7	0.47
F11	19 Aug 2020	60	11.21	90.37	5.0	33.66	7.9	25.7	0.47
F11	19 Aug 2020	61	11.21	90.33	5.0	33.66	7.9	25.7	0.45
F12	19 Aug 2020	1	23.33	84.22	7.8	33.72	8.2	22.9	0.97
F12	19 Aug 2020	2	23.35	84.17	7.7	33.73	8.2	22.9	1.01
F12	19 Aug 2020	3	23.08	84.00	7.7	33.73	8.2	22.9	1.10
F12	19 Aug 2020	4	22.09	83.74	7.9	33.72	8.2	23.2	0.99
F12	19 Aug 2020	5	22.05	85.41	7.8	33.72	8.2	23.2	0.94
F12	19 Aug 2020	6	21.85	86.09	7.9	33.73	8.2	23.3	0.81
F12	19 Aug 2020	7	21.73	87.71	8.0	33.72	8.2	23.3	0.73
F12	19 Aug 2020	8	21.52	88.83	8.0	33.72	8.2	23.4	0.73
F12	19 Aug 2020	9	20.44	89.05	7.9	33.68	8.2	23.6	0.75
F12	19 Aug 2020	10	18.61	89.10	8.1	33.59	8.2	24.0	0.77
F12	19 Aug 2020	11	17.38	89.39	8.2	33.49	8.2	24.3	0.81
F12	19 Aug 2020	12	16.51	89.98	8.3	33.40	8.2	24.4	0.59
F12	19 Aug 2020	13	16.30	90.67	8.4	33.39	8.2	24.4	0.57
F12	19 Aug 2020	14	16.22	91.00	8.3	33.40	8.2	24.5	0.60
F12	19 Aug 2020	15	15.86	91.25	8.3	33.38	8.2	24.5	0.62
F12	19 Aug 2020	16	15.47	91.28	8.4	33.36	8.2	24.6	0.66
F12	19 Aug 2020	17	15.25	91.25	8.4	33.37	8.2	24.7	0.74
F12	19 Aug 2020	18	15.06	91.18	8.4	33.37	8.2	24.7	0.78
F12	19 Aug 2020	19	14.52	91.12	8.4	33.34	8.2	24.8	0.79
F12	19 Aug 2020	20	14.39	91.36	8.4	33.34	8.1	24.8	0.81
F12	19 Aug 2020	21	14.33	91.48	8.3	33.35	8.1	24.8	0.86
F12	19 Aug 2020	22	14.30	91.51	8.3	33.36	8.1	24.9	0.90
F12	19 Aug 2020	23	14.28	91.59	8.3	33.36	8.1	24.9	0.96
F12	19 Aug 2020	24	14.18	91.52	8.2	33.38	8.1	24.9	1.35
F12	19 Aug 2020	25	13.97	91.25	8.2	33.41	8.1	25.0	2.29
F12	19 Aug 2020	26	13.91	90.12	8.1	33.41	8.1	25.0	3.00
F12	19 Aug 2020	27	13.72	89.55	8.0	33.44	8.1	25.0	3.34
F12	19 Aug 2020	28	13.54	89.50	7.8	33.46	8.1	25.1	3.46
F12	19 Aug 2020	29	13.42	89.56	7.6	33.46	8.1	25.1	3.13
F12	19 Aug 2020	30	13.25	90.21	7.5	33.47	8.1	25.2	2.83
F12	19 Aug 2020	31	13.20	90.43	7.4	33.47	8.1	25.2	2.71
F12	19 Aug 2020	32	13.16	90.24	7.4	33.47	8.1	25.2	2.78
F12	19 Aug 2020	33	13.09	89.95	7.2	33.49	8.1	25.2	2.84
F12	19 Aug 2020	34	13.00	89.01	7.0	33.51	8.0	25.2	2.74

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F12	19 Aug 2020	35	12.90	88.88	6.7	33.54	8.0	25.3	2.53
F12	19 Aug 2020	36	12.53	88.26	6.3	33.57	8.0	25.4	2.01
F12	19 Aug 2020	37	12.21	88.38	6.1	33.56	8.0	25.4	1.46
F12	19 Aug 2020	38	12.14	90.79	6.0	33.57	7.9	25.5	1.26
F12	19 Aug 2020	39	12.11	91.18	5.9	33.57	7.9	25.5	1.09
F12	19 Aug 2020	40	12.02	91.46	5.9	33.57	7.9	25.5	0.95
F12	19 Aug 2020	41	11.86	91.86	5.9	33.57	7.9	25.5	0.88
F12	19 Aug 2020	42	11.78	92.24	5.9	33.57	7.9	25.5	0.81
F12	19 Aug 2020	43	11.65	92.51	5.9	33.56	7.9	25.5	0.77
F12	19 Aug 2020	44	11.57	92.83	5.9	33.56	7.9	25.6	0.74
F12	19 Aug 2020	45	11.49	92.95	5.9	33.56	7.9	25.6	0.71
F12	19 Aug 2020	46	11.45	92.98	5.9	33.56	7.9	25.6	0.70
F12	19 Aug 2020	47	11.37	93.04	5.9	33.56	7.9	25.6	0.68
F12	19 Aug 2020	48	11.34	93.12	5.9	33.56	7.9	25.6	0.66
F12	19 Aug 2020	49	11.31	93.16	5.9	33.56	7.9	25.6	0.64
F12	19 Aug 2020	50	11.26	93.19	5.8	33.57	7.9	25.6	0.63
F12	19 Aug 2020	51	11.20	93.17	5.8	33.57	7.9	25.6	0.61
F12	19 Aug 2020	52	11.17	93.18	5.8	33.58	7.9	25.6	0.58
F12	19 Aug 2020	53	11.20	93.22	5.6	33.62	7.9	25.7	0.53
F12	19 Aug 2020	54	11.21	93.00	5.4	33.63	7.9	25.7	0.50
F12	19 Aug 2020	55	11.19	92.70	5.4	33.63	7.9	25.7	0.49
F12	19 Aug 2020	56	11.17	92.51	5.3	33.63	7.9	25.7	0.47
F12	19 Aug 2020	57	11.16	92.42	5.3	33.64	7.9	25.7	0.48
F12	19 Aug 2020	58	11.13	92.18	5.2	33.66	7.9	25.7	0.44
F12	19 Aug 2020	59	11.13	91.59	5.1	33.66	7.8	25.7	0.44
F12	19 Aug 2020	60	11.13	90.98	5.0	33.66	7.8	25.7	0.44
F12	19 Aug 2020	61	11.13	90.75	5.0	33.67	7.8	25.7	0.43
F12	19 Aug 2020	62	11.14	90.12	5.0	33.66	7.8	25.7	0.43
F13	19 Aug 2020	1	23.34	83.60	7.8	33.74	8.3	22.9	1.01
F13	19 Aug 2020	2	23.25	83.58	7.8	33.74	8.3	22.9	1.07
F13	19 Aug 2020	3	23.08	83.51	7.7	33.74	8.3	23.0	1.12
F13	19 Aug 2020	4	22.30	83.54	7.8	33.75	8.3	23.2	0.99
F13	19 Aug 2020	5	21.81	84.49	7.9	33.74	8.2	23.3	0.77
F13	19 Aug 2020	6	21.70	87.87	8.0	33.73	8.2	23.3	0.70
F13	19 Aug 2020	7	21.48	88.85	8.1	33.73	8.2	23.4	0.70
F13	19 Aug 2020	8	21.11	89.24	8.1	33.72	8.2	23.5	0.73
F13	19 Aug 2020	9	20.65	89.13	8.0	33.70	8.2	23.6	0.72
F13	19 Aug 2020	10	19.54	88.94	8.0	33.66	8.2	23.9	0.75
F13	19 Aug 2020	11	18.05	89.11	8.0	33.58	8.2	24.2	0.69
F13	19 Aug 2020	12	16.41	89.94	8.3	33.43	8.2	24.4	0.58
F13	19 Aug 2020	13	16.24	90.73	8.3	33.38	8.2	24.4	0.55
F13	19 Aug 2020	14	15.99	91.19	8.3	33.36	8.2	24.5	0.50
F13	19 Aug 2020	15	15.72	91.50	8.3	33.37	8.2	24.6	0.53
F13	19 Aug 2020	16	15.36	91.56	8.3	33.35	8.2	24.6	0.56
F13	19 Aug 2020	17	15.02	91.59	8.4	33.35	8.2	24.7	0.58
F13	19 Aug 2020	18	14.67	91.61	8.4	33.33	8.2	24.8	0.62
F13	19 Aug 2020	19	14.57	91.70	8.4	33.33	8.2	24.8	0.64
F13	19 Aug 2020	20	14.55	91.70	8.4	33.33	8.2	24.8	0.63
F13	19 Aug 2020	21	14.51	91.68	8.4	33.34	8.2	24.8	0.71
F13	19 Aug 2020	22	14.47	91.61	8.4	33.34	8.2	24.8	0.72
F13	19 Aug 2020	23	14.46	91.65	8.4	33.35	8.2	24.8	0.77
F13	19 Aug 2020	24	14.39	91.56	8.3	33.37	8.2	24.8	0.90
F13	19 Aug 2020	25	14.20	91.36	8.3	33.39	8.2	24.9	1.23
F13	19 Aug 2020	26	14.05	90.96	8.2	33.41	8.2	24.9	1.81
F13	19 Aug 2020	27	13.90	90.46	8.1	33.42	8.2	25.0	2.42
F13	19 Aug 2020	28	13.67	89.95	7.9	33.45	8.1	25.1	2.75
F13	19 Aug 2020	29	13.56	89.93	7.8	33.46	8.1	25.1	2.79
F13	19 Aug 2020	30	13.47	90.17	7.6	33.46	8.1	25.1	2.68
F13	19 Aug 2020	31	13.20	90.62	7.5	33.47	8.1	25.2	2.53
F13	19 Aug 2020	32	13.03	91.07	7.4	33.47	8.1	25.2	2.29

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F13	19 Aug 2020	33	12.91	91.36	7.3	33.47	8.1	25.2	1.98
F13	19 Aug 2020	34	12.89	91.52	7.3	33.46	8.1	25.2	1.92
F13	19 Aug 2020	35	12.82	91.56	7.2	33.47	8.1	25.2	1.83
F13	19 Aug 2020	36	12.71	91.58	7.1	33.47	8.1	25.3	1.80
F13	19 Aug 2020	37	12.64	91.54	7.0	33.48	8.0	25.3	1.70
F13	19 Aug 2020	38	12.43	91.42	6.8	33.51	8.0	25.3	1.53
F13	19 Aug 2020	39	12.28	91.60	6.6	33.51	8.0	25.4	1.39
F13	19 Aug 2020	40	12.27	91.83	6.5	33.52	8.0	25.4	1.34
F13	19 Aug 2020	41	12.24	91.84	6.4	33.52	8.0	25.4	1.25
F13	19 Aug 2020	42	12.17	92.00	6.4	33.52	8.0	25.4	1.14
F13	19 Aug 2020	43	12.09	92.25	6.3	33.53	8.0	25.4	1.02
F13	19 Aug 2020	44	12.02	92.34	6.2	33.55	8.0	25.5	0.96
F13	19 Aug 2020	45	11.90	92.27	6.0	33.57	8.0	25.5	0.88
F13	19 Aug 2020	46	11.71	92.23	5.9	33.58	7.9	25.5	0.79
F13	19 Aug 2020	47	11.59	92.55	5.8	33.59	7.9	25.6	0.75
F13	19 Aug 2020	48	11.56	92.72	5.8	33.59	7.9	25.6	0.71
F13	19 Aug 2020	49	11.54	92.88	5.8	33.59	7.9	25.6	0.68
F13	19 Aug 2020	50	11.42	92.94	5.8	33.58	7.9	25.6	0.65
F13	19 Aug 2020	51	11.34	93.02	5.8	33.57	7.9	25.6	0.65
F13	19 Aug 2020	52	11.33	93.13	5.8	33.58	7.9	25.6	0.63
F13	19 Aug 2020	53	11.41	93.12	5.6	33.62	7.9	25.6	0.60
F13	19 Aug 2020	54	11.41	92.60	5.4	33.63	7.9	25.6	0.57
F13	19 Aug 2020	55	11.38	91.83	5.3	33.63	7.9	25.6	0.55
F13	19 Aug 2020	56	11.36	91.88	5.3	33.64	7.9	25.7	0.52
F13	19 Aug 2020	57	11.31	91.61	5.2	33.65	7.9	25.7	0.50
F13	19 Aug 2020	58	11.28	91.21	5.2	33.65	7.9	25.7	0.49
F13	19 Aug 2020	59	11.27	90.97	5.1	33.66	7.9	25.7	0.49
F13	19 Aug 2020	60	11.26	90.69	5.1	33.66	7.9	25.7	0.48
F13	19 Aug 2020	61	11.27	90.03	5.0	33.66	7.9	25.7	0.48
F14	19 Aug 2020	1	23.08	84.25	7.8	33.73	8.3	22.9	0.86
F14	19 Aug 2020	2	23.25	83.98	7.7	33.74	8.3	22.9	0.89
F14	19 Aug 2020	3	22.84	83.92	7.7	33.74	8.3	23.0	0.94
F14	19 Aug 2020	4	22.09	84.72	7.8	33.75	8.2	23.2	0.89
F14	19 Aug 2020	5	21.96	86.33	7.8	33.74	8.2	23.3	0.81
F14	19 Aug 2020	6	21.88	87.14	7.8	33.73	8.2	23.3	0.74
F14	19 Aug 2020	7	21.67	88.26	7.9	33.74	8.2	23.4	0.72
F14	19 Aug 2020	8	21.22	88.62	7.9	33.72	8.2	23.5	0.74
F14	19 Aug 2020	9	20.44	88.68	7.9	33.70	8.2	23.7	0.68
F14	19 Aug 2020	10	19.02	89.20	8.1	33.63	8.2	24.0	0.70
F14	19 Aug 2020	11	17.90	89.44	8.2	33.55	8.2	24.2	0.65
F14	19 Aug 2020	12	16.62	89.73	8.3	33.46	8.2	24.4	0.58
F14	19 Aug 2020	13	16.20	90.16	8.4	33.39	8.2	24.5	0.52
F14	19 Aug 2020	14	16.10	90.71	8.3	33.37	8.2	24.5	0.49
F14	19 Aug 2020	15	15.96	91.23	8.3	33.36	8.2	24.5	0.48
F14	19 Aug 2020	16	15.70	91.46	8.3	33.37	8.2	24.6	0.47
F14	19 Aug 2020	17	15.35	91.59	8.4	33.36	8.2	24.6	0.49
F14	19 Aug 2020	18	15.09	91.65	8.4	33.34	8.2	24.7	0.52
F14	19 Aug 2020	19	14.84	91.68	8.4	33.34	8.2	24.7	0.54
F14	19 Aug 2020	20	14.68	91.69	8.4	33.33	8.2	24.8	0.60
F14	19 Aug 2020	21	14.60	91.68	8.4	33.33	8.2	24.8	0.65
F14	19 Aug 2020	22	14.56	91.67	8.3	33.34	8.2	24.8	0.71
F14	19 Aug 2020	23	14.37	91.71	8.3	33.36	8.2	24.8	0.92
F14	19 Aug 2020	24	14.23	91.53	8.3	33.37	8.2	24.9	1.27
F14	19 Aug 2020	25	14.09	91.19	8.2	33.39	8.2	24.9	1.76
F14	19 Aug 2020	26	14.00	90.79	8.2	33.40	8.2	25.0	2.44
F14	19 Aug 2020	27	13.87	90.17	8.1	33.42	8.1	25.0	2.82
F14	19 Aug 2020	28	13.63	89.77	7.9	33.44	8.1	25.1	3.06
F14	19 Aug 2020	29	13.49	89.56	7.8	33.45	8.1	25.1	2.80
F14	19 Aug 2020	30	13.45	89.77	7.6	33.45	8.1	25.1	2.71
F14	19 Aug 2020	31	13.13	90.19	7.5	33.47	8.1	25.2	2.36

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F14	19 Aug 2020	32	12.87	90.68	7.4	33.46	8.1	25.2	1.98
F14	19 Aug 2020	33	12.77	91.31	7.2	33.46	8.1	25.2	1.67
F14	19 Aug 2020	34	12.71	91.61	7.2	33.46	8.1	25.3	1.61
F14	19 Aug 2020	35	12.64	91.81	7.1	33.46	8.1	25.3	1.51
F14	19 Aug 2020	36	12.57	91.92	7.1	33.46	8.1	25.3	1.58
F14	19 Aug 2020	37	12.46	92.01	7.0	33.48	8.0	25.3	1.36
F14	19 Aug 2020	38	12.29	92.10	6.8	33.49	8.0	25.4	1.19
F14	19 Aug 2020	39	12.17	92.18	6.6	33.50	8.0	25.4	1.11
F14	19 Aug 2020	40	12.11	92.29	6.5	33.51	8.0	25.4	1.03
F14	19 Aug 2020	41	11.97	92.38	6.4	33.53	8.0	25.5	0.96
F14	19 Aug 2020	42	11.95	92.45	6.2	33.54	8.0	25.5	0.92
F14	19 Aug 2020	43	11.95	92.33	6.1	33.55	8.0	25.5	0.90
F14	19 Aug 2020	44	11.91	92.37	6.0	33.56	8.0	25.5	0.86
F14	19 Aug 2020	45	11.75	92.39	5.9	33.57	8.0	25.5	0.79
F14	19 Aug 2020	46	11.60	92.32	5.9	33.58	7.9	25.6	0.73
F14	19 Aug 2020	47	11.54	92.44	5.8	33.58	7.9	25.6	0.69
F14	19 Aug 2020	48	11.50	92.67	5.8	33.58	7.9	25.6	0.68
F14	19 Aug 2020	49	11.46	92.89	5.8	33.57	7.9	25.6	0.65
F14	19 Aug 2020	50	11.39	92.99	5.8	33.57	7.9	25.6	0.64
F14	19 Aug 2020	51	11.34	93.05	5.8	33.58	7.9	25.6	0.62
F14	19 Aug 2020	52	11.22	93.08	5.8	33.58	7.9	25.6	0.57
F14	19 Aug 2020	53	11.19	93.10	5.8	33.59	7.9	25.6	0.54
F14	19 Aug 2020	54	11.10	93.10	5.7	33.59	7.9	25.7	0.54
F14	19 Aug 2020	55	11.08	93.13	5.7	33.60	7.9	25.7	0.51
F14	19 Aug 2020	56	11.03	93.11	5.6	33.61	7.9	25.7	0.47
F14	19 Aug 2020	57	10.97	93.06	5.6	33.60	7.9	25.7	0.47
F14	19 Aug 2020	58	10.89	93.13	5.6	33.60	7.9	25.7	0.46
F14	19 Aug 2020	59	10.91	93.32	5.5	33.63	7.9	25.7	0.43
F14	19 Aug 2020	60	10.96	93.24	5.2	33.68	7.9	25.8	0.42
F14	19 Aug 2020	61	10.96	91.76	5.1	33.67	7.9	25.7	0.39
F15	20 Aug 2020	1	23.65	88.02	7.3	33.75	8.2	22.8	0.54
F15	20 Aug 2020	2	23.61	88.09	7.3	33.75	8.2	22.8	0.57
F15	20 Aug 2020	3	23.42	87.98	7.4	33.74	8.2	22.9	0.62
F15	20 Aug 2020	4	23.28	88.26	7.4	33.75	8.2	22.9	0.65
F15	20 Aug 2020	5	22.47	88.16	7.4	33.74	8.2	23.1	0.74
F15	20 Aug 2020	6	20.86	87.15	7.5	33.71	8.2	23.5	0.65
F15	20 Aug 2020	7	18.74	88.11	7.9	33.56	8.2	24.0	0.58
F15	20 Aug 2020	8	18.18	89.96	8.0	33.52	8.2	24.1	0.56
F15	20 Aug 2020	9	17.35	90.30	8.2	33.46	8.2	24.2	0.58
F15	20 Aug 2020	10	16.98	90.33	8.2	33.42	8.2	24.3	0.64
F15	20 Aug 2020	11	16.62	90.46	8.3	33.40	8.2	24.4	0.64
F15	20 Aug 2020	12	16.40	90.47	8.3	33.38	8.2	24.4	0.65
F15	20 Aug 2020	13	16.15	90.66	8.3	33.36	8.2	24.5	0.66
F15	20 Aug 2020	14	16.07	90.86	8.3	33.37	8.2	24.5	0.72
F15	20 Aug 2020	15	15.66	90.82	8.3	33.39	8.2	24.6	0.77
F15	20 Aug 2020	16	15.15	90.67	8.4	33.38	8.2	24.7	0.81
F15	20 Aug 2020	17	14.89	90.50	8.5	33.35	8.2	24.7	0.88
F15	20 Aug 2020	18	14.82	90.41	8.5	33.35	8.2	24.7	0.97
F15	20 Aug 2020	19	14.82	90.43	8.5	33.36	8.2	24.7	1.08
F15	20 Aug 2020	20	14.81	90.22	8.4	33.37	8.2	24.8	1.24
F15	20 Aug 2020	21	14.78	90.10	8.3	33.38	8.2	24.8	1.44
F15	20 Aug 2020	22	14.65	89.64	8.3	33.41	8.2	24.8	1.72
F15	20 Aug 2020	23	14.54	89.09	8.2	33.42	8.2	24.9	2.06
F15	20 Aug 2020	24	14.38	88.59	8.2	33.43	8.1	24.9	2.43
F15	20 Aug 2020	25	14.24	87.90	8.1	33.44	8.1	24.9	2.86
F15	20 Aug 2020	26	13.99	87.20	7.9	33.46	8.1	25.0	3.20
F15	20 Aug 2020	27	13.91	86.48	7.6	33.49	8.1	25.0	3.36
F15	20 Aug 2020	28	13.72	85.87	7.3	33.52	8.1	25.1	3.41
F15	20 Aug 2020	29	13.53	85.46	7.2	33.52	8.1	25.1	3.52
F15	20 Aug 2020	30	13.33	85.33	7.0	33.52	8.0	25.2	3.77

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F15	20 Aug 2020	31	13.14	84.97	6.9	33.51	8.0	25.2	3.56
F15	20 Aug 2020	32	12.90	85.35	6.9	33.51	8.0	25.3	3.21
F15	20 Aug 2020	33	12.75	86.38	6.8	33.50	8.0	25.3	2.80
F15	20 Aug 2020	34	12.69	87.78	6.8	33.49	8.0	25.3	2.90
F15	20 Aug 2020	35	12.65	88.67	6.8	33.49	8.0	25.3	2.57
F15	20 Aug 2020	36	12.61	89.40	6.7	33.50	8.0	25.3	2.28
F15	20 Aug 2020	37	12.58	89.88	6.7	33.49	8.0	25.3	2.13
F15	20 Aug 2020	38	12.57	90.04	6.7	33.49	8.0	25.3	1.99
F15	20 Aug 2020	39	12.54	90.12	6.7	33.50	8.0	25.3	1.92
F15	20 Aug 2020	40	12.52	90.24	6.6	33.50	8.0	25.3	1.80
F15	20 Aug 2020	41	12.51	90.55	6.6	33.50	8.0	25.3	1.78
F15	20 Aug 2020	42	12.50	90.62	6.6	33.50	8.0	25.3	1.73
F15	20 Aug 2020	43	12.44	90.75	6.6	33.50	8.0	25.3	1.63
F15	20 Aug 2020	44	12.37	90.89	6.6	33.49	8.0	25.4	1.61
F15	20 Aug 2020	45	12.36	91.39	6.6	33.49	8.0	25.4	1.56
F15	20 Aug 2020	46	12.35	91.72	6.6	33.49	8.0	25.4	1.52
F15	20 Aug 2020	47	12.33	91.84	6.6	33.49	8.0	25.4	1.47
F15	20 Aug 2020	48	12.31	91.90	6.6	33.49	8.0	25.4	1.39
F15	20 Aug 2020	49	12.25	92.03	6.6	33.51	8.0	25.4	1.34
F15	20 Aug 2020	50	12.18	92.08	6.4	33.52	8.0	25.4	1.25
F15	20 Aug 2020	51	12.13	92.17	6.3	33.53	8.0	25.4	1.18
F15	20 Aug 2020	52	11.96	92.18	6.2	33.56	8.0	25.5	1.08
F15	20 Aug 2020	53	11.92	92.26	6.0	33.56	8.0	25.5	0.96
F15	20 Aug 2020	54	11.86	92.22	6.0	33.57	7.9	25.5	0.91
F15	20 Aug 2020	55	11.83	92.29	5.9	33.57	7.9	25.5	0.89
F15	20 Aug 2020	56	11.79	92.23	5.8	33.58	7.9	25.5	0.85
F15	20 Aug 2020	57	11.57	92.21	5.8	33.58	7.9	25.6	0.82
F15	20 Aug 2020	58	11.38	92.36	5.8	33.58	7.9	25.6	0.81
F15	20 Aug 2020	59	11.33	92.69	5.8	33.58	7.9	25.6	0.76
F15	20 Aug 2020	60	11.31	92.92	5.7	33.60	7.9	25.6	0.68
F15	20 Aug 2020	61	11.25	92.92	5.5	33.62	7.9	25.7	0.60
F15	20 Aug 2020	62	11.19	92.62	5.3	33.66	7.9	25.7	0.53
F15	20 Aug 2020	63	11.13	92.05	5.2	33.66	7.9	25.7	0.48
F15	20 Aug 2020	64	11.11	91.88	5.1	33.68	7.9	25.7	0.46
F15	20 Aug 2020	65	11.07	91.69	5.0	33.68	7.9	25.7	0.44
F15	20 Aug 2020	66	10.97	91.62	5.0	33.70	7.9	25.8	0.41
F15	20 Aug 2020	67	10.82	91.92	4.9	33.72	7.8	25.8	0.38
F15	20 Aug 2020	68	10.80	92.27	4.8	33.73	7.8	25.8	0.35
F15	20 Aug 2020	69	10.80	92.28	4.8	33.74	7.8	25.8	0.36
F15	20 Aug 2020	70	10.79	92.26	4.7	33.75	7.8	25.8	0.34
F15	20 Aug 2020	71	10.76	92.27	4.6	33.77	7.8	25.9	0.33
F15	20 Aug 2020	72	10.75	92.35	4.6	33.77	7.8	25.9	0.34
F15	20 Aug 2020	73	10.75	92.65	4.6	33.77	7.8	25.9	0.33
F15	20 Aug 2020	74	10.75	92.74	4.6	33.77	7.8	25.9	0.32
F15	20 Aug 2020	75	10.75	92.75	4.5	33.77	7.8	25.9	0.31
F15	20 Aug 2020	76	10.74	92.63	4.5	33.78	7.8	25.9	0.32
F15	20 Aug 2020	77	10.73	92.31	4.5	33.78	7.8	25.9	0.30
F15	20 Aug 2020	78	10.73	92.21	4.5	33.78	7.8	25.9	0.29
F15	20 Aug 2020	79	10.73	92.04	4.4	33.79	7.8	25.9	0.29
F15	20 Aug 2020	80	10.73	91.85	4.4	33.79	7.8	25.9	0.29
F15	20 Aug 2020	81	10.72	91.82	4.4	33.79	7.8	25.9	0.29
F15	20 Aug 2020	82	10.73	91.68	4.4	33.79	7.8	25.9	0.29
F16	20 Aug 2020	1	23.81	87.38	7.4	33.77	8.3	22.8	0.65
F16	20 Aug 2020	2	23.81	87.27	7.4	33.77	8.3	22.8	0.68
F16	20 Aug 2020	3	23.69	87.27	7.4	33.77	8.3	22.8	0.70
F16	20 Aug 2020	4	23.55	87.32	7.4	33.78	8.2	22.8	0.70
F16	20 Aug 2020	5	23.35	87.34	7.4	33.78	8.2	22.9	0.71
F16	20 Aug 2020	6	22.76	87.50	7.4	33.79	8.2	23.1	0.76
F16	20 Aug 2020	7	21.68	87.47	7.5	33.77	8.2	23.4	0.71
F16	20 Aug 2020	8	21.28	87.78	7.5	33.73	8.2	23.5	0.57

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F16	20 Aug 2020	9	20.82	88.90	7.5	33.70	8.2	23.6	0.55
F16	20 Aug 2020	10	20.14	89.83	7.6	33.67	8.2	23.7	0.58
F16	20 Aug 2020	11	19.59	90.04	7.8	33.63	8.2	23.8	0.58
F16	20 Aug 2020	12	18.85	90.00	7.8	33.57	8.2	24.0	0.62
F16	20 Aug 2020	13	17.96	89.99	8.0	33.55	8.2	24.2	0.63
F16	20 Aug 2020	14	17.17	90.12	8.2	33.49	8.2	24.3	0.64
F16	20 Aug 2020	15	16.67	90.40	8.3	33.44	8.2	24.4	0.66
F16	20 Aug 2020	16	16.21	90.57	8.3	33.39	8.2	24.5	0.67
F16	20 Aug 2020	17	16.13	90.63	8.2	33.37	8.2	24.5	0.70
F16	20 Aug 2020	18	15.79	90.76	8.2	33.39	8.2	24.6	0.76
F16	20 Aug 2020	19	15.06	91.02	8.3	33.38	8.2	24.7	0.82
F16	20 Aug 2020	20	14.83	90.95	8.4	33.34	8.2	24.7	0.82
F16	20 Aug 2020	21	14.62	90.85	8.4	33.33	8.2	24.8	0.85
F16	20 Aug 2020	22	14.49	90.95	8.4	33.33	8.2	24.8	0.89
F16	20 Aug 2020	23	14.42	91.07	8.4	33.34	8.2	24.8	1.01
F16	20 Aug 2020	24	14.22	91.07	8.3	33.37	8.2	24.9	1.17
F16	20 Aug 2020	25	14.01	90.95	8.2	33.40	8.2	24.9	1.65
F16	20 Aug 2020	26	13.96	90.57	8.2	33.41	8.2	25.0	2.13
F16	20 Aug 2020	27	13.91	89.50	8.1	33.44	8.2	25.0	2.62
F16	20 Aug 2020	28	13.82	88.74	8.0	33.45	8.2	25.0	3.01
F16	20 Aug 2020	29	13.77	88.07	7.9	33.45	8.1	25.0	3.30
F16	20 Aug 2020	30	13.68	87.73	7.9	33.45	8.1	25.1	3.44
F16	20 Aug 2020	31	13.54	87.77	7.8	33.47	8.1	25.1	3.81
F16	20 Aug 2020	32	13.41	87.28	7.6	33.48	8.1	25.1	4.22
F16	20 Aug 2020	33	13.30	86.72	7.4	33.49	8.1	25.2	4.34
F16	20 Aug 2020	34	13.11	86.43	7.3	33.50	8.1	25.2	4.05
F16	20 Aug 2020	35	13.07	86.54	7.2	33.50	8.1	25.2	3.74
F16	20 Aug 2020	36	13.04	86.97	7.1	33.51	8.1	25.2	3.44
F16	20 Aug 2020	37	12.96	87.29	7.0	33.51	8.1	25.2	3.16
F16	20 Aug 2020	38	12.89	87.69	6.9	33.51	8.1	25.3	2.89
F16	20 Aug 2020	39	12.76	88.22	6.9	33.51	8.1	25.3	2.61
F16	20 Aug 2020	40	12.62	89.10	6.9	33.50	8.1	25.3	2.41
F16	20 Aug 2020	41	12.56	90.00	6.9	33.49	8.0	25.3	2.18
F16	20 Aug 2020	42	12.52	90.55	6.8	33.49	8.0	25.3	2.07
F16	20 Aug 2020	43	12.49	90.95	6.8	33.49	8.0	25.3	1.86
F16	20 Aug 2020	44	12.44	91.07	6.8	33.49	8.0	25.3	1.71
F16	20 Aug 2020	45	12.40	91.25	6.7	33.49	8.0	25.3	1.60
F16	20 Aug 2020	46	12.38	91.45	6.7	33.49	8.0	25.3	1.57
F16	20 Aug 2020	47	12.37	91.58	6.6	33.50	8.0	25.4	1.55
F16	20 Aug 2020	48	12.35	91.70	6.6	33.50	8.0	25.4	1.55
F16	20 Aug 2020	49	12.34	91.76	6.6	33.50	8.0	25.4	1.44
F16	20 Aug 2020	50	12.18	91.85	6.6	33.51	8.0	25.4	1.33
F16	20 Aug 2020	51	12.08	92.05	6.4	33.52	8.0	25.4	1.18
F16	20 Aug 2020	52	12.01	92.26	6.3	33.53	8.0	25.4	1.10
F16	20 Aug 2020	53	11.91	92.11	6.2	33.55	8.0	25.5	1.02
F16	20 Aug 2020	54	11.90	92.26	6.1	33.55	8.0	25.5	0.98
F16	20 Aug 2020	55	11.88	92.18	6.0	33.56	8.0	25.5	0.97
F16	20 Aug 2020	56	11.80	92.26	5.9	33.57	8.0	25.5	0.94
F16	20 Aug 2020	57	11.64	92.31	5.9	33.56	8.0	25.5	0.88
F16	20 Aug 2020	58	11.57	92.56	5.9	33.56	8.0	25.6	0.87
F16	20 Aug 2020	59	11.52	92.72	5.9	33.57	8.0	25.6	0.81
F16	20 Aug 2020	60	11.47	92.80	5.8	33.58	7.9	25.6	0.77
F16	20 Aug 2020	61	11.42	92.80	5.6	33.61	7.9	25.6	0.69
F16	20 Aug 2020	62	11.36	92.66	5.4	33.64	7.9	25.6	0.59
F16	20 Aug 2020	63	11.32	92.24	5.2	33.65	7.9	25.7	0.54
F16	20 Aug 2020	64	11.22	91.94	5.1	33.67	7.9	25.7	0.48
F16	20 Aug 2020	65	11.12	91.77	5.0	33.68	7.9	25.7	0.45
F16	20 Aug 2020	66	11.07	91.63	4.9	33.69	7.9	25.7	0.42
F16	20 Aug 2020	67	11.07	91.52	4.9	33.69	7.9	25.7	0.38
F16	20 Aug 2020	68	11.05	91.40	4.8	33.70	7.9	25.8	0.39
F16	20 Aug 2020	69	10.98	91.31	4.8	33.71	7.8	25.8	0.39

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F16	20 Aug 2020	70	10.92	91.23	4.8	33.72	7.8	25.8	0.36
F16	20 Aug 2020	71	10.89	91.12	4.7	33.72	7.8	25.8	0.34
F16	20 Aug 2020	72	10.86	91.37	4.6	33.73	7.8	25.8	0.33
F16	20 Aug 2020	73	10.80	91.45	4.6	33.75	7.8	25.8	0.33
F16	20 Aug 2020	74	10.75	91.39	4.5	33.77	7.8	25.9	0.31
F16	20 Aug 2020	75	10.73	90.91	4.4	33.78	7.8	25.9	0.31
F16	20 Aug 2020	76	10.72	90.67	4.4	33.78	7.8	25.9	0.29
F16	20 Aug 2020	77	10.71	90.61	4.4	33.78	7.8	25.9	0.29
F16	20 Aug 2020	78	10.71	90.56	4.4	33.78	7.8	25.9	0.30
F16	20 Aug 2020	79	10.71	90.54	4.4	33.78	7.8	25.9	0.29
F16	20 Aug 2020	80	10.71	90.50	4.3	33.78	7.8	25.9	0.30
F16	20 Aug 2020	81	10.70	90.40	4.3	33.79	7.8	25.9	0.28
F16	20 Aug 2020	82	10.70	90.28	4.3	33.79	7.8	25.9	0.29
F17	20 Aug 2020	1	23.76	88.03	7.4	33.77	8.2	22.8	0.67
F17	20 Aug 2020	2	23.74	87.86	7.4	33.77	8.2	22.8	0.71
F17	20 Aug 2020	3	23.64	87.65	7.3	33.77	8.2	22.8	0.75
F17	20 Aug 2020	4	23.19	87.62	7.3	33.78	8.2	23.0	0.76
F17	20 Aug 2020	5	21.90	87.15	7.5	33.77	8.2	23.3	0.76
F17	20 Aug 2020	6	21.25	87.21	7.5	33.73	8.2	23.5	0.60
F17	20 Aug 2020	7	20.52	89.26	7.6	33.70	8.2	23.6	0.55
F17	20 Aug 2020	8	19.71	90.01	7.7	33.64	8.2	23.8	0.60
F17	20 Aug 2020	9	18.96	89.98	7.9	33.59	8.2	24.0	0.63
F17	20 Aug 2020	10	18.02	90.02	8.0	33.55	8.2	24.2	0.60
F17	20 Aug 2020	11	17.17	90.20	8.1	33.48	8.2	24.3	0.59
F17	20 Aug 2020	12	16.31	90.48	8.2	33.43	8.2	24.5	0.59
F17	20 Aug 2020	13	15.78	90.68	8.3	33.36	8.2	24.5	0.64
F17	20 Aug 2020	14	15.58	91.02	8.3	33.35	8.2	24.6	0.65
F17	20 Aug 2020	15	15.35	91.07	8.4	33.35	8.2	24.6	0.69
F17	20 Aug 2020	16	15.16	91.13	8.4	33.34	8.2	24.7	0.75
F17	20 Aug 2020	17	15.03	90.84	8.4	33.34	8.2	24.7	0.82
F17	20 Aug 2020	18	14.83	91.01	8.3	33.34	8.2	24.7	0.81
F17	20 Aug 2020	19	14.65	91.03	8.4	33.34	8.2	24.8	0.88
F17	20 Aug 2020	20	14.56	90.99	8.4	33.34	8.2	24.8	0.88
F17	20 Aug 2020	21	14.51	90.99	8.4	33.34	8.2	24.8	0.90
F17	20 Aug 2020	22	14.42	91.09	8.3	33.35	8.2	24.8	1.03
F17	20 Aug 2020	23	14.36	91.03	8.3	33.37	8.2	24.9	1.23
F17	20 Aug 2020	24	14.19	90.72	8.3	33.39	8.2	24.9	1.52
F17	20 Aug 2020	25	14.11	89.91	8.2	33.39	8.2	24.9	1.73
F17	20 Aug 2020	26	14.04	89.87	8.2	33.40	8.2	24.9	2.01
F17	20 Aug 2020	27	13.89	89.82	8.1	33.42	8.2	25.0	2.49
F17	20 Aug 2020	28	13.71	89.55	8.0	33.45	8.1	25.0	2.99
F17	20 Aug 2020	29	13.65	88.81	7.9	33.45	8.1	25.1	3.20
F17	20 Aug 2020	30	13.56	88.33	7.8	33.46	8.1	25.1	3.36
F17	20 Aug 2020	31	13.52	88.11	7.8	33.46	8.1	25.1	3.48
F17	20 Aug 2020	32	13.50	87.98	7.7	33.47	8.1	25.1	3.56
F17	20 Aug 2020	33	13.45	88.15	7.6	33.47	8.1	25.1	3.53
F17	20 Aug 2020	34	13.34	88.23	7.6	33.48	8.1	25.1	3.55
F17	20 Aug 2020	35	13.28	88.22	7.5	33.48	8.1	25.2	3.52
F17	20 Aug 2020	36	13.24	88.54	7.5	33.48	8.1	25.2	3.42
F17	20 Aug 2020	37	13.18	88.83	7.4	33.48	8.1	25.2	3.31
F17	20 Aug 2020	38	13.08	88.93	7.3	33.48	8.1	25.2	3.10
F17	20 Aug 2020	39	12.96	89.36	7.2	33.49	8.1	25.2	2.94
F17	20 Aug 2020	40	12.88	89.46	7.1	33.49	8.1	25.2	2.81
F17	20 Aug 2020	41	12.79	89.56	7.0	33.49	8.1	25.3	2.62
F17	20 Aug 2020	42	12.69	89.90	7.0	33.49	8.1	25.3	2.45
F17	20 Aug 2020	43	12.59	90.44	6.9	33.49	8.0	25.3	2.27
F17	20 Aug 2020	44	12.48	90.94	6.8	33.49	8.0	25.3	1.98
F17	20 Aug 2020	45	12.42	91.34	6.8	33.49	8.0	25.3	1.80
F17	20 Aug 2020	46	12.36	91.56	6.8	33.49	8.0	25.3	1.67
F17	20 Aug 2020	47	12.33	91.74	6.7	33.49	8.0	25.4	1.63

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F17	20 Aug 2020	48	12.28	91.85	6.7	33.49	8.0	25.4	1.51
F17	20 Aug 2020	49	12.19	92.01	6.6	33.51	8.0	25.4	1.35
F17	20 Aug 2020	50	11.88	92.21	6.3	33.55	8.0	25.5	1.10
F17	20 Aug 2020	51	11.78	92.51	6.2	33.55	8.0	25.5	1.02
F17	20 Aug 2020	52	11.68	92.61	6.0	33.56	8.0	25.5	0.92
F17	20 Aug 2020	53	11.64	92.65	6.0	33.56	8.0	25.5	0.87
F17	20 Aug 2020	54	11.63	92.62	6.0	33.56	8.0	25.5	0.86
F17	20 Aug 2020	55	11.62	92.59	5.9	33.57	8.0	25.5	0.86
F17	20 Aug 2020	56	11.62	92.62	5.9	33.57	8.0	25.5	0.84
F17	20 Aug 2020	57	11.61	92.61	5.8	33.57	7.9	25.6	0.78
F17	20 Aug 2020	58	11.57	92.63	5.8	33.58	7.9	25.6	0.75
F17	20 Aug 2020	59	11.56	92.66	5.8	33.58	7.9	25.6	0.74
F17	20 Aug 2020	60	11.56	92.65	5.7	33.59	7.9	25.6	0.71
F17	20 Aug 2020	61	11.57	92.65	5.6	33.59	7.9	25.6	0.68
F17	20 Aug 2020	62	11.56	92.58	5.5	33.61	7.9	25.6	0.65
F17	20 Aug 2020	63	11.50	92.36	5.4	33.63	7.9	25.6	0.61
F17	20 Aug 2020	64	11.45	92.06	5.3	33.64	7.9	25.6	0.58
F17	20 Aug 2020	65	11.43	91.58	5.2	33.65	7.9	25.6	0.54
F17	20 Aug 2020	66	11.41	91.31	5.1	33.65	7.9	25.7	0.53
F17	20 Aug 2020	67	11.33	91.11	5.0	33.67	7.9	25.7	0.48
F17	20 Aug 2020	68	11.25	90.55	4.9	33.68	7.9	25.7	0.46
F17	20 Aug 2020	69	11.22	90.22	4.8	33.69	7.8	25.7	0.46
F17	20 Aug 2020	70	11.12	90.17	4.8	33.69	7.8	25.7	0.43
F17	20 Aug 2020	71	10.97	90.28	4.7	33.72	7.8	25.8	0.38
F17	20 Aug 2020	72	10.92	90.22	4.6	33.73	7.8	25.8	0.36
F17	20 Aug 2020	73	10.90	90.33	4.5	33.74	7.8	25.8	0.33
F17	20 Aug 2020	74	10.88	90.51	4.5	33.74	7.8	25.8	0.31
F17	20 Aug 2020	75	10.85	90.68	4.4	33.75	7.8	25.8	0.30
F17	20 Aug 2020	76	10.80	90.91	4.4	33.76	7.8	25.8	0.28
F17	20 Aug 2020	77	10.77	91.17	4.3	33.76	7.8	25.9	0.28
F17	20 Aug 2020	78	10.77	91.15	4.3	33.76	7.8	25.9	0.26
F17	20 Aug 2020	79	10.77	91.01	4.3	33.76	7.8	25.9	0.27
F17	20 Aug 2020	80	10.76	91.04	4.2	33.76	7.8	25.9	0.25
F17	20 Aug 2020	81	10.76	90.95	4.2	33.77	7.8	25.9	0.25
F17	20 Aug 2020	82	10.76	90.87	4.2	33.77	7.8	25.9	0.25
F18	20 Aug 2020	1	23.73	89.25	7.2	33.77	8.2	22.8	0.54
F18	20 Aug 2020	2	23.68	89.46	7.2	33.77	8.2	22.8	0.57
F18	20 Aug 2020	3	23.40	89.34	7.4	33.76	8.2	22.9	0.74
F18	20 Aug 2020	4	22.53	88.91	7.5	33.76	8.2	23.1	0.81
F18	20 Aug 2020	5	21.78	87.64	7.5	33.73	8.2	23.3	0.70
F18	20 Aug 2020	6	20.79	87.40	7.5	33.69	8.2	23.6	0.60
F18	20 Aug 2020	7	19.96	88.39	7.5	33.65	8.2	23.7	0.59
F18	20 Aug 2020	8	17.84	89.83	7.9	33.53	8.2	24.2	0.55
F18	20 Aug 2020	9	16.87	89.94	8.2	33.45	8.2	24.4	0.56
F18	20 Aug 2020	10	16.15	90.48	8.3	33.39	8.2	24.5	0.53
F18	20 Aug 2020	11	16.05	90.93	8.3	33.37	8.2	24.5	0.54
F18	20 Aug 2020	12	15.97	91.13	8.3	33.36	8.2	24.5	0.54
F18	20 Aug 2020	13	15.63	91.17	8.3	33.34	8.2	24.6	0.54
F18	20 Aug 2020	14	15.38	91.43	8.4	33.33	8.2	24.6	0.55
F18	20 Aug 2020	15	15.21	91.51	8.4	33.33	8.2	24.6	0.56
F18	20 Aug 2020	16	14.97	91.62	8.4	33.32	8.2	24.7	0.61
F18	20 Aug 2020	17	14.83	91.62	8.4	33.31	8.2	24.7	0.61
F18	20 Aug 2020	18	14.74	91.60	8.4	33.32	8.2	24.7	0.62
F18	20 Aug 2020	19	14.69	91.56	8.4	33.33	8.2	24.8	0.71
F18	20 Aug 2020	20	14.57	91.51	8.4	33.35	8.2	24.8	0.84
F18	20 Aug 2020	21	14.46	91.31	8.3	33.36	8.2	24.8	0.83
F18	20 Aug 2020	22	14.41	91.31	8.3	33.36	8.2	24.8	0.89
F18	20 Aug 2020	23	14.36	91.29	8.3	33.37	8.2	24.9	0.98
F18	20 Aug 2020	24	14.25	91.14	8.3	33.38	8.2	24.9	1.25
F18	20 Aug 2020	25	14.14	90.69	8.3	33.39	8.2	24.9	1.47

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F18	20 Aug 2020	26	14.05	90.39	8.2	33.40	8.2	24.9	1.79
F18	20 Aug 2020	27	13.98	89.96	8.2	33.41	8.2	25.0	2.18
F18	20 Aug 2020	28	13.94	89.58	8.2	33.42	8.2	25.0	2.50
F18	20 Aug 2020	29	13.90	89.47	8.1	33.42	8.2	25.0	2.75
F18	20 Aug 2020	30	13.73	89.34	8.0	33.45	8.1	25.0	2.94
F18	20 Aug 2020	31	13.53	89.44	7.8	33.47	8.1	25.1	2.93
F18	20 Aug 2020	32	13.44	89.67	7.7	33.47	8.1	25.1	2.88
F18	20 Aug 2020	33	13.35	89.51	7.5	33.48	8.1	25.1	2.88
F18	20 Aug 2020	34	13.29	89.23	7.4	33.48	8.1	25.2	2.95
F18	20 Aug 2020	35	13.19	88.96	7.3	33.49	8.1	25.2	3.01
F18	20 Aug 2020	36	13.09	88.82	7.2	33.49	8.1	25.2	2.96
F18	20 Aug 2020	37	12.96	89.05	7.1	33.50	8.1	25.2	2.73
F18	20 Aug 2020	38	12.86	89.34	7.0	33.50	8.1	25.3	2.63
F18	20 Aug 2020	39	12.78	89.74	7.0	33.49	8.0	25.3	2.52
F18	20 Aug 2020	40	12.74	90.03	6.9	33.49	8.0	25.3	2.45
F18	20 Aug 2020	41	12.73	90.24	6.9	33.49	8.0	25.3	2.25
F18	20 Aug 2020	42	12.62	90.39	6.8	33.50	8.0	25.3	2.11
F18	20 Aug 2020	43	12.48	90.85	6.8	33.49	8.0	25.3	1.91
F18	20 Aug 2020	44	12.38	91.25	6.8	33.49	8.0	25.3	1.70
F18	20 Aug 2020	45	12.34	91.38	6.7	33.49	8.0	25.4	1.57
F18	20 Aug 2020	46	12.28	91.86	6.7	33.49	8.0	25.4	1.50
F18	20 Aug 2020	47	12.20	92.00	6.6	33.50	8.0	25.4	1.46
F18	20 Aug 2020	48	12.16	92.19	6.6	33.49	8.0	25.4	1.34
F18	20 Aug 2020	49	12.13	92.30	6.5	33.50	8.0	25.4	1.24
F18	20 Aug 2020	50	12.07	92.24	6.5	33.50	8.0	25.4	1.28
F18	20 Aug 2020	51	11.96	92.43	6.4	33.52	8.0	25.4	1.18
F18	20 Aug 2020	52	11.71	92.56	6.1	33.56	8.0	25.5	0.97
F18	20 Aug 2020	53	11.64	92.51	5.9	33.58	7.9	25.6	0.87
F18	20 Aug 2020	54	11.61	92.42	5.7	33.58	7.9	25.6	0.80
F18	20 Aug 2020	55	11.58	92.41	5.6	33.59	7.9	25.6	0.75
F18	20 Aug 2020	56	11.55	92.28	5.6	33.60	7.9	25.6	0.70
F18	20 Aug 2020	57	11.51	91.96	5.4	33.61	7.9	25.6	0.63
F18	20 Aug 2020	58	11.49	91.61	5.3	33.61	7.9	25.6	0.62
F18	20 Aug 2020	59	11.47	91.58	5.3	33.61	7.9	25.6	0.57
F18	20 Aug 2020	60	11.44	91.51	5.2	33.62	7.9	25.6	0.57
F18	20 Aug 2020	61	11.41	91.48	5.2	33.62	7.9	25.6	0.56
F18	20 Aug 2020	62	11.41	91.45	5.2	33.62	7.9	25.6	0.55
F18	20 Aug 2020	63	11.38	91.58	5.2	33.64	7.9	25.6	0.54
F18	20 Aug 2020	64	11.35	91.57	5.2	33.64	7.9	25.7	0.52
F18	20 Aug 2020	65	11.30	91.68	5.2	33.63	7.9	25.7	0.50
F18	20 Aug 2020	66	11.25	91.89	5.3	33.63	7.9	25.7	0.58
F18	20 Aug 2020	67	11.26	92.21	5.3	33.63	7.9	25.7	0.52
F18	20 Aug 2020	68	11.25	92.21	5.3	33.63	7.9	25.7	0.50
F18	20 Aug 2020	69	11.19	92.24	5.3	33.63	7.9	25.7	0.50
F18	20 Aug 2020	70	11.08	92.41	5.4	33.62	7.9	25.7	0.50
F18	20 Aug 2020	71	10.93	92.70	5.4	33.62	7.9	25.7	0.49
F18	20 Aug 2020	72	10.90	92.96	5.4	33.64	7.9	25.7	0.46
F18	20 Aug 2020	73	10.92	92.69	5.2	33.66	7.9	25.7	0.43
F18	20 Aug 2020	74	10.94	92.11	5.0	33.68	7.9	25.8	0.39
F18	20 Aug 2020	75	10.92	91.38	4.9	33.70	7.8	25.8	0.37
F18	20 Aug 2020	76	10.88	90.87	4.8	33.71	7.8	25.8	0.36
F18	20 Aug 2020	77	10.84	90.71	4.7	33.71	7.8	25.8	0.35
F18	20 Aug 2020	78	10.84	90.78	4.7	33.72	7.8	25.8	0.33
F18	20 Aug 2020	79	10.83	90.88	4.6	33.72	7.8	25.8	0.32
F18	20 Aug 2020	80	10.82	90.89	4.6	33.72	7.8	25.8	0.32
F18	20 Aug 2020	81	10.81	90.80	4.6	33.72	7.8	25.8	0.31
F18	20 Aug 2020	82	10.82	90.68	4.6	33.72	7.8	25.8	0.31
F19	20 Aug 2020	1	23.93	89.01	7.1	33.79	8.2	22.7	0.64
F19	20 Aug 2020	2	23.85	89.09	7.1	33.79	8.2	22.8	0.65
F19	20 Aug 2020	3	23.64	89.18	7.2	33.78	8.2	22.8	0.68

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F19	20 Aug 2020	4	23.37	89.26	7.2	33.77	8.2	22.9	0.87
F19	20 Aug 2020	5	22.57	88.29	7.4	33.75	8.2	23.1	1.11
F19	20 Aug 2020	6	21.59	86.06	7.5	33.74	8.2	23.4	0.90
F19	20 Aug 2020	7	20.76	86.48	7.6	33.70	8.2	23.6	0.68
F19	20 Aug 2020	8	19.77	89.18	7.7	33.65	8.2	23.8	0.65
F19	20 Aug 2020	9	18.21	89.81	7.9	33.56	8.2	24.1	0.61
F19	20 Aug 2020	10	16.85	89.95	8.2	33.44	8.2	24.4	0.55
F19	20 Aug 2020	11	16.71	90.56	8.3	33.41	8.2	24.4	0.54
F19	20 Aug 2020	12	16.66	90.94	8.3	33.42	8.2	24.4	0.53
F19	20 Aug 2020	13	16.28	90.92	8.3	33.42	8.2	24.5	0.54
F19	20 Aug 2020	14	16.01	91.02	8.4	33.39	8.2	24.5	0.55
F19	20 Aug 2020	15	15.94	91.28	8.4	33.38	8.2	24.5	0.54
F19	20 Aug 2020	16	15.83	91.38	8.3	33.37	8.2	24.5	0.53
F19	20 Aug 2020	17	15.58	91.47	8.3	33.37	8.2	24.6	0.53
F19	20 Aug 2020	18	15.05	91.60	8.4	33.35	8.2	24.7	0.57
F19	20 Aug 2020	19	14.87	91.68	8.4	33.33	8.2	24.7	0.57
F19	20 Aug 2020	20	14.72	91.72	8.4	33.33	8.2	24.7	0.58
F19	20 Aug 2020	21	14.63	91.71	8.4	33.34	8.2	24.8	0.64
F19	20 Aug 2020	22	14.59	91.69	8.4	33.34	8.2	24.8	0.72
F19	20 Aug 2020	23	14.48	91.52	8.3	33.36	8.2	24.8	0.85
F19	20 Aug 2020	24	14.32	91.49	8.3	33.38	8.2	24.9	0.95
F19	20 Aug 2020	25	14.21	91.32	8.2	33.39	8.2	24.9	1.12
F19	20 Aug 2020	26	14.13	91.01	8.2	33.40	8.2	24.9	1.44
F19	20 Aug 2020	27	14.05	90.61	8.2	33.41	8.2	25.0	1.99
F19	20 Aug 2020	28	13.96	90.06	8.2	33.42	8.2	25.0	2.53
F19	20 Aug 2020	29	13.89	89.79	8.1	33.43	8.2	25.0	2.80
F19	20 Aug 2020	30	13.70	89.50	8.0	33.46	8.2	25.1	2.85
F19	20 Aug 2020	31	13.60	89.77	7.8	33.46	8.1	25.1	2.71
F19	20 Aug 2020	32	13.54	90.10	7.7	33.46	8.1	25.1	2.67
F19	20 Aug 2020	33	13.37	90.43	7.7	33.47	8.1	25.1	2.76
F19	20 Aug 2020	34	13.27	90.44	7.5	33.47	8.1	25.2	2.67
F19	20 Aug 2020	35	13.14	90.61	7.5	33.47	8.1	25.2	2.51
F19	20 Aug 2020	36	13.05	90.58	7.4	33.47	8.1	25.2	2.46
F19	20 Aug 2020	37	13.00	90.45	7.3	33.47	8.1	25.2	2.48
F19	20 Aug 2020	38	12.96	90.52	7.3	33.47	8.1	25.2	2.53
F19	20 Aug 2020	39	12.90	90.58	7.2	33.48	8.1	25.2	2.50
F19	20 Aug 2020	40	12.82	90.48	7.1	33.48	8.1	25.3	2.33
F19	20 Aug 2020	41	12.73	90.46	7.0	33.48	8.1	25.3	2.21
F19	20 Aug 2020	42	12.63	90.64	6.9	33.49	8.1	25.3	2.01
F19	20 Aug 2020	43	12.52	90.96	6.8	33.49	8.0	25.3	1.85
F19	20 Aug 2020	44	12.42	91.42	6.8	33.49	8.0	25.3	1.68
F19	20 Aug 2020	45	12.37	91.73	6.8	33.49	8.0	25.3	1.60
F19	20 Aug 2020	46	12.28	91.81	6.7	33.49	8.0	25.4	1.58
F19	20 Aug 2020	47	12.21	91.96	6.6	33.49	8.0	25.4	1.40
F19	20 Aug 2020	48	12.14	92.13	6.6	33.50	8.0	25.4	1.23
F19	20 Aug 2020	49	12.12	92.34	6.5	33.50	8.0	25.4	1.21
F19	20 Aug 2020	50	12.08	92.43	6.5	33.50	8.0	25.4	1.19
F19	20 Aug 2020	51	12.04	92.47	6.5	33.50	8.0	25.4	1.13
F19	20 Aug 2020	52	11.95	92.51	6.4	33.52	8.0	25.4	1.08
F19	20 Aug 2020	53	11.82	92.54	6.2	33.54	8.0	25.5	0.99
F19	20 Aug 2020	54	11.68	92.49	6.1	33.55	8.0	25.5	0.92
F19	20 Aug 2020	55	11.52	92.44	6.0	33.55	8.0	25.5	0.89
F19	20 Aug 2020	56	11.46	92.49	6.0	33.55	8.0	25.6	0.85
F19	20 Aug 2020	57	11.41	92.57	5.9	33.55	8.0	25.6	0.82
F19	20 Aug 2020	58	11.37	92.62	5.9	33.56	7.9	25.6	0.79
F19	20 Aug 2020	59	11.34	92.61	5.8	33.56	7.9	25.6	0.79
F19	20 Aug 2020	60	11.31	92.60	5.8	33.56	7.9	25.6	0.75
F19	20 Aug 2020	61	11.29	92.61	5.8	33.56	7.9	25.6	0.73
F19	20 Aug 2020	62	11.27	92.63	5.8	33.57	7.9	25.6	0.73
F19	20 Aug 2020	63	11.26	92.68	5.8	33.57	7.9	25.6	0.72
F19	20 Aug 2020	64	11.25	92.73	5.8	33.57	7.9	25.6	0.72

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F19	20 Aug 2020	65	11.24	92.80	5.8	33.57	7.9	25.6	0.71
F19	20 Aug 2020	66	11.20	92.83	5.8	33.58	7.9	25.6	0.70
F19	20 Aug 2020	67	11.08	92.94	5.7	33.59	7.9	25.7	0.65
F19	20 Aug 2020	68	10.99	93.20	5.7	33.60	7.9	25.7	0.60
F19	20 Aug 2020	69	10.93	93.28	5.6	33.63	7.9	25.7	0.56
F19	20 Aug 2020	70	10.88	93.22	5.5	33.64	7.9	25.7	0.52
F19	20 Aug 2020	71	10.82	93.33	5.4	33.65	7.9	25.8	0.50
F19	20 Aug 2020	72	10.79	93.29	5.3	33.66	7.9	25.8	0.44
F19	20 Aug 2020	73	10.77	93.00	5.2	33.68	7.9	25.8	0.41
F19	20 Aug 2020	74	10.77	92.58	5.0	33.70	7.9	25.8	0.40
F19	20 Aug 2020	75	10.77	92.40	5.0	33.70	7.8	25.8	0.37
F19	20 Aug 2020	76	10.77	92.34	4.9	33.71	7.8	25.8	0.36
F19	20 Aug 2020	77	10.77	92.26	4.9	33.71	7.8	25.8	0.35
F19	20 Aug 2020	78	10.77	92.24	4.8	33.71	7.8	25.8	0.36
F19	20 Aug 2020	79	10.77	92.20	4.8	33.71	7.8	25.8	0.36
F19	20 Aug 2020	80	10.77	92.14	4.8	33.72	7.8	25.8	0.34
F19	20 Aug 2020	81	10.78	92.14	4.8	33.72	7.8	25.8	0.35
F19	20 Aug 2020	82	10.78	91.98	4.8	33.72	7.8	25.8	0.35
F19	20 Aug 2020	83	10.78	91.74	4.7	33.72	7.8	25.8	0.34
F20	20 Aug 2020	1	23.73	89.34	7.2	33.76	8.2	22.8	0.65
F20	20 Aug 2020	2	23.71	89.36	7.2	33.77	8.2	22.8	0.65
F20	20 Aug 2020	3	23.32	89.33	7.2	33.76	8.2	22.9	0.81
F20	20 Aug 2020	4	22.21	88.46	7.6	33.73	8.2	23.2	1.08
F20	20 Aug 2020	5	22.06	86.12	7.7	33.72	8.2	23.2	1.11
F20	20 Aug 2020	6	22.02	85.84	7.6	33.71	8.2	23.2	1.14
F20	20 Aug 2020	7	21.60	86.05	7.5	33.72	8.2	23.4	0.93
F20	20 Aug 2020	8	20.72	87.00	7.6	33.69	8.2	23.6	0.80
F20	20 Aug 2020	9	19.56	88.52	7.8	33.64	8.2	23.8	0.76
F20	20 Aug 2020	10	18.22	89.47	8.0	33.54	8.2	24.1	0.71
F20	20 Aug 2020	11	17.38	89.81	8.1	33.47	8.2	24.3	0.57
F20	20 Aug 2020	12	16.50	90.28	8.2	33.41	8.2	24.4	0.53
F20	20 Aug 2020	13	16.29	90.78	8.3	33.40	8.2	24.4	0.51
F20	20 Aug 2020	14	16.14	91.10	8.4	33.39	8.2	24.5	0.52
F20	20 Aug 2020	15	15.97	91.29	8.4	33.38	8.2	24.5	0.51
F20	20 Aug 2020	16	15.91	91.36	8.4	33.38	8.2	24.5	0.53
F20	20 Aug 2020	17	15.73	91.41	8.3	33.38	8.2	24.6	0.53
F20	20 Aug 2020	18	15.35	91.39	8.3	33.35	8.2	24.6	0.54
F20	20 Aug 2020	19	15.18	91.45	8.4	33.34	8.2	24.7	0.53
F20	20 Aug 2020	20	15.01	91.70	8.4	33.34	8.2	24.7	0.57
F20	20 Aug 2020	21	14.90	91.76	8.4	33.33	8.2	24.7	0.56
F20	20 Aug 2020	22	14.82	91.63	8.4	33.33	8.2	24.7	0.57
F20	20 Aug 2020	23	14.63	91.75	8.4	33.34	8.2	24.8	0.65
F20	20 Aug 2020	24	14.40	91.73	8.3	33.35	8.2	24.8	0.79
F20	20 Aug 2020	25	14.27	91.59	8.3	33.38	8.2	24.9	1.03
F20	20 Aug 2020	26	14.15	91.10	8.2	33.40	8.2	24.9	1.49
F20	20 Aug 2020	27	13.96	90.86	8.1	33.43	8.2	25.0	2.16
F20	20 Aug 2020	28	13.83	90.34	8.1	33.44	8.2	25.0	2.50
F20	20 Aug 2020	29	13.79	90.04	8.0	33.44	8.1	25.0	2.63
F20	20 Aug 2020	30	13.73	90.11	7.9	33.45	8.1	25.0	2.66
F20	20 Aug 2020	31	13.60	90.23	7.8	33.46	8.1	25.1	2.60
F20	20 Aug 2020	32	13.44	90.61	7.7	33.46	8.1	25.1	2.48
F20	20 Aug 2020	33	13.17	90.67	7.6	33.46	8.1	25.2	2.43
F20	20 Aug 2020	34	13.04	90.76	7.5	33.46	8.1	25.2	2.31
F20	20 Aug 2020	35	12.94	90.86	7.4	33.46	8.1	25.2	2.29
F20	20 Aug 2020	36	12.88	91.01	7.3	33.47	8.1	25.2	2.30
F20	20 Aug 2020	37	12.81	91.09	7.2	33.47	8.1	25.2	2.09
F20	20 Aug 2020	38	12.76	91.14	7.2	33.47	8.1	25.3	2.00
F20	20 Aug 2020	39	12.69	91.18	7.1	33.47	8.1	25.3	1.99
F20	20 Aug 2020	40	12.62	91.23	7.0	33.48	8.1	25.3	1.91
F20	20 Aug 2020	41	12.57	91.30	6.9	33.49	8.0	25.3	1.79

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F20	20 Aug 2020	42	12.53	91.31	6.8	33.50	8.0	25.3	1.73
F20	20 Aug 2020	43	12.43	91.29	6.6	33.51	8.0	25.4	1.58
F20	20 Aug 2020	44	12.31	91.34	6.5	33.52	8.0	25.4	1.43
F20	20 Aug 2020	45	12.19	91.62	6.4	33.52	8.0	25.4	1.26
F20	20 Aug 2020	46	12.14	91.93	6.4	33.51	8.0	25.4	1.18
F20	20 Aug 2020	47	12.09	92.16	6.4	33.51	8.0	25.4	1.14
F20	20 Aug 2020	48	12.07	92.27	6.4	33.51	8.0	25.4	1.11
F20	20 Aug 2020	49	12.03	92.35	6.4	33.52	8.0	25.4	1.08
F20	20 Aug 2020	50	12.02	92.48	6.3	33.51	8.0	25.4	1.03
F20	20 Aug 2020	51	12.00	92.52	6.3	33.51	8.0	25.4	1.02
F20	20 Aug 2020	52	11.94	92.56	6.3	33.52	8.0	25.4	1.01
F20	20 Aug 2020	53	11.88	92.52	6.3	33.52	8.0	25.5	0.99
F20	20 Aug 2020	54	11.85	91.90	6.2	33.53	8.0	25.5	0.96
F20	20 Aug 2020	55	11.79	91.72	6.2	33.53	8.0	25.5	0.94
F20	20 Aug 2020	56	11.68	92.43	6.2	33.53	8.0	25.5	0.92
F20	20 Aug 2020	57	11.58	92.67	6.1	33.54	8.0	25.5	0.93
F20	20 Aug 2020	58	11.52	92.80	6.1	33.54	8.0	25.5	0.90
F20	20 Aug 2020	59	11.44	92.88	6.0	33.55	8.0	25.6	0.87
F20	20 Aug 2020	60	11.36	92.93	6.0	33.55	8.0	25.6	0.83
F20	20 Aug 2020	61	11.33	92.98	6.0	33.55	7.9	25.6	0.81
F20	20 Aug 2020	62	11.28	93.00	6.0	33.56	7.9	25.6	0.79
F20	20 Aug 2020	63	11.21	93.07	5.9	33.57	7.9	25.6	0.76
F20	20 Aug 2020	64	11.16	93.10	5.8	33.58	7.9	25.6	0.72
F20	20 Aug 2020	65	11.13	93.13	5.8	33.58	7.9	25.6	0.69
F20	20 Aug 2020	66	11.04	93.15	5.8	33.59	7.9	25.7	0.64
F20	20 Aug 2020	67	11.02	93.21	5.7	33.59	7.9	25.7	0.63
F20	20 Aug 2020	68	11.00	93.23	5.7	33.60	7.9	25.7	0.58
F20	20 Aug 2020	69	10.99	93.24	5.6	33.60	7.9	25.7	0.56
F20	20 Aug 2020	70	10.98	93.23	5.6	33.60	7.9	25.7	0.55
F20	20 Aug 2020	71	10.98	93.23	5.6	33.61	7.9	25.7	0.55
F20	20 Aug 2020	72	10.95	93.18	5.5	33.62	7.9	25.7	0.50
F20	20 Aug 2020	73	10.89	93.07	5.3	33.65	7.9	25.7	0.45
F20	20 Aug 2020	74	10.82	92.88	5.2	33.68	7.9	25.8	0.41
F20	20 Aug 2020	75	10.79	92.83	5.0	33.69	7.8	25.8	0.37
F20	20 Aug 2020	76	10.77	92.81	4.9	33.70	7.8	25.8	0.36
F20	20 Aug 2020	77	10.76	92.84	4.8	33.72	7.8	25.8	0.35
F20	20 Aug 2020	78	10.75	92.78	4.8	33.72	7.8	25.8	0.32
F20	20 Aug 2020	79	10.74	92.68	4.7	33.73	7.8	25.8	0.33
F20	20 Aug 2020	80	10.72	92.61	4.7	33.74	7.8	25.8	0.31
F20	20 Aug 2020	81	10.72	92.27	4.6	33.75	7.8	25.9	0.32
F20	20 Aug 2020	82	10.72	91.30	4.5	33.75	7.8	25.9	0.30
F20	20 Aug 2020	83	10.73	91.34	4.5	33.75	7.8	25.9	0.31
F21	20 Aug 2020	1	23.65	89.51	7.2	33.76	8.2	22.8	0.61
F21	20 Aug 2020	2	23.37	89.48	7.3	33.76	8.2	22.9	0.65
F21	20 Aug 2020	3	23.13	89.24	7.4	33.75	8.2	22.9	0.69
F21	20 Aug 2020	4	23.03	88.78	7.4	33.75	8.2	23.0	0.71
F21	20 Aug 2020	5	22.91	88.65	7.3	33.75	8.2	23.0	0.71
F21	20 Aug 2020	6	22.65	89.19	7.3	33.75	8.2	23.1	0.65
F21	20 Aug 2020	7	22.05	89.58	7.4	33.74	8.2	23.2	0.60
F21	20 Aug 2020	8	21.34	89.81	7.5	33.72	8.2	23.4	0.60
F21	20 Aug 2020	9	20.34	90.01	7.7	33.68	8.2	23.7	0.60
F21	20 Aug 2020	10	19.46	90.04	7.7	33.61	8.2	23.8	0.61
F21	20 Aug 2020	11	18.47	90.25	7.9	33.55	8.2	24.0	0.55
F21	20 Aug 2020	12	17.64	90.46	8.0	33.48	8.2	24.2	0.53
F21	20 Aug 2020	13	16.93	90.67	8.1	33.42	8.2	24.3	0.48
F21	20 Aug 2020	14	16.62	91.04	8.2	33.41	8.2	24.4	0.44
F21	20 Aug 2020	15	16.28	91.25	8.2	33.39	8.2	24.4	0.44
F21	20 Aug 2020	16	16.11	91.39	8.3	33.39	8.2	24.5	0.46
F21	20 Aug 2020	17	16.06	91.51	8.3	33.38	8.2	24.5	0.48
F21	20 Aug 2020	18	16.02	91.58	8.3	33.38	8.2	24.5	0.48

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F21	20 Aug 2020	19	15.88	91.55	8.2	33.38	8.2	24.5	0.48
F21	20 Aug 2020	20	15.58	91.65	8.3	33.37	8.2	24.6	0.50
F21	20 Aug 2020	21	15.29	91.67	8.3	33.35	8.2	24.6	0.52
F21	20 Aug 2020	22	15.02	91.75	8.4	33.35	8.2	24.7	0.56
F21	20 Aug 2020	23	14.76	91.74	8.4	33.34	8.2	24.7	0.60
F21	20 Aug 2020	24	14.48	91.67	8.4	33.34	8.2	24.8	0.70
F21	20 Aug 2020	25	14.26	91.55	8.3	33.37	8.2	24.9	0.91
F21	20 Aug 2020	26	14.16	91.39	8.2	33.40	8.2	24.9	1.32
F21	20 Aug 2020	27	14.06	90.88	8.2	33.41	8.2	24.9	1.79
F21	20 Aug 2020	28	13.99	90.41	8.2	33.42	8.2	25.0	2.24
F21	20 Aug 2020	29	13.95	90.17	8.1	33.43	8.2	25.0	2.44
F21	20 Aug 2020	30	13.87	90.14	8.0	33.44	8.2	25.0	2.51
F21	20 Aug 2020	31	13.73	90.25	7.9	33.45	8.1	25.0	2.51
F21	20 Aug 2020	32	13.60	90.43	7.9	33.45	8.1	25.1	2.50
F21	20 Aug 2020	33	13.52	90.66	7.7	33.45	8.1	25.1	2.53
F21	20 Aug 2020	34	13.43	90.72	7.6	33.45	8.1	25.1	2.44
F21	20 Aug 2020	35	13.07	90.81	7.5	33.46	8.1	25.2	2.38
F21	20 Aug 2020	36	12.94	90.92	7.4	33.46	8.1	25.2	2.19
F21	20 Aug 2020	37	12.87	91.13	7.3	33.46	8.1	25.2	2.32
F21	20 Aug 2020	38	12.81	91.23	7.3	33.46	8.1	25.2	2.10
F21	20 Aug 2020	39	12.77	91.31	7.2	33.46	8.1	25.2	1.99
F21	20 Aug 2020	40	12.71	91.44	7.1	33.47	8.1	25.3	1.92
F21	20 Aug 2020	41	12.63	91.54	7.1	33.47	8.1	25.3	1.74
F21	20 Aug 2020	42	12.55	91.68	7.0	33.47	8.1	25.3	1.64
F21	20 Aug 2020	43	12.44	91.80	6.8	33.49	8.0	25.3	1.54
F21	20 Aug 2020	44	12.25	91.85	6.6	33.52	8.0	25.4	1.42
F21	20 Aug 2020	45	12.14	91.87	6.4	33.52	8.0	25.4	1.26
F21	20 Aug 2020	46	12.09	91.97	6.4	33.52	8.0	25.4	1.18
F21	20 Aug 2020	47	12.07	92.08	6.3	33.52	8.0	25.4	1.16
F21	20 Aug 2020	48	12.04	92.14	6.3	33.52	8.0	25.4	1.11
F21	20 Aug 2020	49	12.01	92.27	6.3	33.52	8.0	25.4	1.16
F21	20 Aug 2020	50	11.96	92.34	6.3	33.52	8.0	25.4	1.09
F21	20 Aug 2020	51	11.92	92.39	6.3	33.52	8.0	25.5	1.06
F21	20 Aug 2020	52	11.88	92.49	6.2	33.52	8.0	25.5	1.01
F21	20 Aug 2020	53	11.85	92.54	6.2	33.52	8.0	25.5	0.99
F21	20 Aug 2020	54	11.82	92.55	6.2	33.53	8.0	25.5	0.99
F21	20 Aug 2020	55	11.74	92.62	6.2	33.53	8.0	25.5	0.98
F21	20 Aug 2020	56	11.63	92.70	6.2	33.53	8.0	25.5	0.95
F21	20 Aug 2020	57	11.48	92.76	6.1	33.54	8.0	25.6	0.91
F21	20 Aug 2020	58	11.40	92.89	6.0	33.55	8.0	25.6	0.85
F21	20 Aug 2020	59	11.29	92.96	6.0	33.56	8.0	25.6	0.80
F21	20 Aug 2020	60	11.14	93.04	5.9	33.57	7.9	25.6	0.75
F21	20 Aug 2020	61	11.10	93.12	5.8	33.58	7.9	25.7	0.70
F21	20 Aug 2020	62	11.09	93.21	5.8	33.58	7.9	25.7	0.64
F21	20 Aug 2020	63	11.06	93.24	5.7	33.59	7.9	25.7	0.63
F21	20 Aug 2020	64	11.02	93.19	5.7	33.60	7.9	25.7	0.58
F21	20 Aug 2020	65	10.99	93.22	5.7	33.60	7.9	25.7	0.58
F21	20 Aug 2020	66	10.98	93.25	5.7	33.60	7.9	25.7	0.56
F21	20 Aug 2020	67	10.96	93.24	5.7	33.60	7.9	25.7	0.56
F21	20 Aug 2020	68	10.93	93.25	5.6	33.60	7.9	25.7	0.56
F21	20 Aug 2020	69	10.90	93.29	5.6	33.61	7.9	25.7	0.54
F21	20 Aug 2020	70	10.82	93.34	5.5	33.63	7.9	25.7	0.51
F21	20 Aug 2020	71	10.79	93.35	5.3	33.66	7.9	25.8	0.45
F21	20 Aug 2020	72	10.79	93.21	5.2	33.67	7.9	25.8	0.41
F21	20 Aug 2020	73	10.77	93.06	5.0	33.69	7.9	25.8	0.39
F21	20 Aug 2020	74	10.76	92.92	4.9	33.71	7.8	25.8	0.36
F21	20 Aug 2020	75	10.76	92.67	4.8	33.72	7.8	25.8	0.35
F21	20 Aug 2020	76	10.76	91.97	4.8	33.72	7.8	25.8	0.33
F21	20 Aug 2020	77	10.74	91.61	4.7	33.74	7.8	25.8	0.32
F21	20 Aug 2020	78	10.74	91.20	4.6	33.75	7.8	25.9	0.30
F21	20 Aug 2020	79	10.74	90.78	4.5	33.76	7.8	25.9	0.31

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F21	20 Aug 2020	80	10.73	90.29	4.4	33.76	7.8	25.9	0.30
F21	20 Aug 2020	81	10.73	89.71	4.4	33.77	7.8	25.9	0.28
F21	20 Aug 2020	82	10.74	89.16	4.4	33.77	7.8	25.9	0.29
F21	20 Aug 2020	83	10.74	88.93	4.4	33.77	7.8	25.9	0.28
F21	20 Aug 2020	84	10.74	88.95	4.3	33.76	7.8	25.9	0.29
F22	20 Aug 2020	1	23.74	88.97	7.2	33.77	8.2	22.8	0.73
F22	20 Aug 2020	2	23.80	88.80	7.2	33.78	8.2	22.8	0.74
F22	20 Aug 2020	3	23.79	88.91	7.2	33.78	8.2	22.8	0.81
F22	20 Aug 2020	4	23.54	88.97	7.2	33.78	8.2	22.9	0.81
F22	20 Aug 2020	5	22.93	88.64	7.2	33.77	8.2	23.0	0.78
F22	20 Aug 2020	6	22.46	89.07	7.3	33.75	8.2	23.1	0.64
F22	20 Aug 2020	7	21.68	89.72	7.4	33.73	8.2	23.3	0.61
F22	20 Aug 2020	8	20.56	90.04	7.5	33.69	8.2	23.6	0.62
F22	20 Aug 2020	9	19.10	90.08	7.8	33.60	8.2	23.9	0.58
F22	20 Aug 2020	10	18.29	90.21	7.9	33.53	8.2	24.1	0.55
F22	20 Aug 2020	11	17.37	90.59	8.1	33.47	8.2	24.2	0.53
F22	20 Aug 2020	12	16.88	90.84	8.2	33.41	8.2	24.3	0.48
F22	20 Aug 2020	13	16.66	91.12	8.2	33.40	8.2	24.4	0.45
F22	20 Aug 2020	14	16.55	91.32	8.2	33.39	8.2	24.4	0.45
F22	20 Aug 2020	15	16.35	91.42	8.2	33.39	8.2	24.4	0.44
F22	20 Aug 2020	16	15.95	91.54	8.2	33.38	8.2	24.5	0.46
F22	20 Aug 2020	17	15.69	91.64	8.3	33.37	8.2	24.6	0.52
F22	20 Aug 2020	18	15.50	91.71	8.3	33.35	8.2	24.6	0.48
F22	20 Aug 2020	19	15.36	91.66	8.3	33.35	8.2	24.6	0.51
F22	20 Aug 2020	20	15.16	91.56	8.3	33.34	8.2	24.7	0.53
F22	20 Aug 2020	21	14.77	91.76	8.3	33.33	8.2	24.7	0.59
F22	20 Aug 2020	22	14.30	91.71	8.4	33.33	8.2	24.8	0.69
F22	20 Aug 2020	23	14.17	91.49	8.3	33.35	8.2	24.9	1.03
F22	20 Aug 2020	24	14.08	91.17	8.2	33.39	8.2	24.9	1.59
F22	20 Aug 2020	25	14.05	90.84	8.2	33.41	8.2	24.9	1.97
F22	20 Aug 2020	26	13.99	90.54	8.2	33.42	8.2	25.0	2.20
F22	20 Aug 2020	27	13.98	90.34	8.1	33.42	8.2	25.0	2.32
F22	20 Aug 2020	28	13.93	90.07	8.0	33.43	8.2	25.0	2.40
F22	20 Aug 2020	29	13.75	90.38	7.9	33.45	8.1	25.0	2.41
F22	20 Aug 2020	30	13.53	90.48	7.8	33.45	8.1	25.1	2.34
F22	20 Aug 2020	31	13.51	90.75	7.7	33.45	8.1	25.1	2.29
F22	20 Aug 2020	32	13.38	90.87	7.6	33.46	8.1	25.1	2.27
F22	20 Aug 2020	33	13.05	90.97	7.5	33.46	8.1	25.2	2.15
F22	20 Aug 2020	34	12.92	91.23	7.4	33.46	8.1	25.2	2.08
F22	20 Aug 2020	35	12.82	91.23	7.3	33.45	8.1	25.2	1.93
F22	20 Aug 2020	36	12.70	91.26	7.2	33.46	8.1	25.3	1.88
F22	20 Aug 2020	37	12.63	91.36	7.1	33.46	8.1	25.3	1.83
F22	20 Aug 2020	38	12.58	91.56	7.1	33.46	8.1	25.3	1.71
F22	20 Aug 2020	39	12.49	91.72	7.0	33.47	8.1	25.3	1.65
F22	20 Aug 2020	40	12.39	91.81	6.9	33.47	8.0	25.3	1.47
F22	20 Aug 2020	41	12.27	92.04	6.8	33.49	8.0	25.4	1.36
F22	20 Aug 2020	42	12.15	92.04	6.6	33.51	8.0	25.4	1.29
F22	20 Aug 2020	43	12.07	92.08	6.5	33.51	8.0	25.4	1.28
F22	20 Aug 2020	44	11.97	92.12	6.4	33.52	8.0	25.4	1.16
F22	20 Aug 2020	45	11.89	92.29	6.3	33.52	8.0	25.5	1.18
F22	20 Aug 2020	46	11.84	92.50	6.3	33.52	8.0	25.5	1.03
F22	20 Aug 2020	47	11.82	92.63	6.3	33.52	8.0	25.5	1.01
F22	20 Aug 2020	48	11.79	92.65	6.3	33.52	8.0	25.5	1.00
F22	20 Aug 2020	49	11.76	92.67	6.2	33.52	8.0	25.5	0.95
F22	20 Aug 2020	50	11.74	92.71	6.2	33.52	8.0	25.5	0.97
F22	20 Aug 2020	51	11.72	92.70	6.2	33.52	8.0	25.5	0.97
F22	20 Aug 2020	52	11.65	92.66	6.2	33.53	8.0	25.5	0.93
F22	20 Aug 2020	53	11.52	92.81	6.1	33.54	8.0	25.5	0.90
F22	20 Aug 2020	54	11.37	92.87	6.0	33.56	8.0	25.6	0.82
F22	20 Aug 2020	55	11.11	92.97	5.9	33.58	7.9	25.6	0.73

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F22	20 Aug 2020	56	11.02	93.11	5.9	33.59	7.9	25.7	0.68
F22	20 Aug 2020	57	10.99	93.23	5.8	33.59	7.9	25.7	0.63
F22	20 Aug 2020	58	10.99	93.28	5.7	33.60	7.9	25.7	0.61
F22	20 Aug 2020	59	10.99	93.29	5.6	33.62	7.9	25.7	0.60
F22	20 Aug 2020	60	10.97	93.28	5.5	33.64	7.9	25.7	0.56
F22	20 Aug 2020	61	10.94	93.29	5.4	33.65	7.9	25.7	0.55
F22	20 Aug 2020	62	10.92	93.29	5.4	33.65	7.9	25.7	0.54
F22	20 Aug 2020	63	10.90	93.27	5.4	33.65	7.9	25.7	0.52
F22	20 Aug 2020	64	10.87	93.30	5.4	33.64	7.9	25.7	0.51
F22	20 Aug 2020	65	10.85	93.36	5.4	33.65	7.9	25.7	0.50
F22	20 Aug 2020	66	10.84	93.31	5.4	33.65	7.9	25.8	0.48
F22	20 Aug 2020	67	10.83	93.31	5.4	33.65	7.9	25.8	0.49
F22	20 Aug 2020	68	10.83	93.37	5.4	33.65	7.9	25.8	0.47
F22	20 Aug 2020	69	10.82	93.36	5.3	33.66	7.9	25.8	0.47
F22	20 Aug 2020	70	10.82	93.34	5.3	33.66	7.9	25.8	0.47
F22	20 Aug 2020	71	10.79	93.36	5.3	33.66	7.9	25.8	0.45
F22	20 Aug 2020	72	10.76	93.37	5.3	33.66	7.9	25.8	0.44
F22	20 Aug 2020	73	10.74	93.37	5.2	33.67	7.9	25.8	0.42
F22	20 Aug 2020	74	10.74	93.30	5.1	33.69	7.9	25.8	0.40
F22	20 Aug 2020	75	10.74	93.14	5.0	33.69	7.8	25.8	0.38
F22	20 Aug 2020	76	10.73	92.87	4.8	33.72	7.8	25.8	0.36
F22	20 Aug 2020	77	10.73	92.20	4.7	33.74	7.8	25.8	0.33
F22	20 Aug 2020	78	10.73	91.15	4.6	33.75	7.8	25.9	0.32
F22	20 Aug 2020	79	10.73	90.62	4.6	33.75	7.8	25.9	0.30
F22	20 Aug 2020	80	10.73	90.28	4.5	33.75	7.8	25.9	0.31
F22	20 Aug 2020	81	10.73	89.82	4.5	33.75	7.8	25.9	0.31
F22	20 Aug 2020	82	10.74	89.91	4.5	33.75	7.8	25.9	0.19
F23	20 Aug 2020	1	23.80	90.41	7.0	33.79	8.2	22.8	0.53
F23	20 Aug 2020	2	23.78	90.41	7.0	33.78	8.2	22.8	0.53
F23	20 Aug 2020	3	23.80	90.46	7.0	33.78	8.2	22.8	0.56
F23	20 Aug 2020	4	23.77	88.60	7.0	33.79	8.2	22.8	0.59
F23	20 Aug 2020	5	23.62	90.30	7.0	33.78	8.2	22.8	0.59
F23	20 Aug 2020	6	23.29	90.12	7.1	33.78	8.2	22.9	0.60
F23	20 Aug 2020	7	22.46	90.16	7.2	33.76	8.2	23.1	0.58
F23	20 Aug 2020	8	22.13	90.10	7.4	33.74	8.2	23.2	0.55
F23	20 Aug 2020	9	21.51	90.20	7.4	33.73	8.2	23.4	0.58
F23	20 Aug 2020	10	19.89	90.30	7.5	33.67	8.2	23.8	0.55
F23	20 Aug 2020	11	18.14	90.28	7.8	33.54	8.2	24.1	0.49
F23	20 Aug 2020	12	17.03	90.57	8.0	33.43	8.2	24.3	0.44
F23	20 Aug 2020	13	16.79	91.11	8.1	33.40	8.2	24.3	0.41
F23	20 Aug 2020	14	16.64	91.58	8.1	33.39	8.2	24.4	0.41
F23	20 Aug 2020	15	16.37	91.66	8.1	33.37	8.2	24.4	0.41
F23	20 Aug 2020	16	16.10	91.57	8.2	33.35	8.2	24.5	0.43
F23	20 Aug 2020	17	15.82	91.83	8.2	33.34	8.2	24.5	0.44
F23	20 Aug 2020	18	15.61	91.81	8.3	33.34	8.2	24.6	0.45
F23	20 Aug 2020	19	15.49	91.86	8.3	33.34	8.2	24.6	0.45
F23	20 Aug 2020	20	15.40	91.89	8.3	33.33	8.2	24.6	0.48
F23	20 Aug 2020	21	15.34	91.86	8.3	33.34	8.2	24.6	0.50
F23	20 Aug 2020	22	15.27	91.82	8.3	33.33	8.2	24.6	0.50
F23	20 Aug 2020	23	14.78	91.86	8.3	33.32	8.2	24.7	0.53
F23	20 Aug 2020	24	14.40	91.86	8.3	33.32	8.2	24.8	0.64
F23	20 Aug 2020	25	14.13	91.75	8.4	33.34	8.2	24.9	0.80
F23	20 Aug 2020	26	14.03	91.61	8.3	33.36	8.2	24.9	1.07
F23	20 Aug 2020	27	14.01	91.38	8.3	33.37	8.2	24.9	1.25
F23	20 Aug 2020	28	13.98	91.20	8.3	33.37	8.2	24.9	1.57
F23	20 Aug 2020	29	13.92	91.02	8.1	33.41	8.2	25.0	1.94
F23	20 Aug 2020	30	13.78	90.75	8.0	33.44	8.2	25.0	2.08
F23	20 Aug 2020	31	13.64	90.72	7.8	33.44	8.1	25.1	2.09
F23	20 Aug 2020	32	13.41	90.92	7.7	33.45	8.1	25.1	2.06
F23	20 Aug 2020	33	13.30	91.00	7.6	33.46	8.1	25.1	2.07

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F23	20 Aug 2020	34	13.20	91.11	7.4	33.46	8.1	25.2	2.01
F23	20 Aug 2020	35	12.93	91.26	7.3	33.46	8.1	25.2	1.91
F23	20 Aug 2020	36	12.77	91.32	7.2	33.46	8.1	25.2	1.84
F23	20 Aug 2020	37	12.73	91.43	7.2	33.46	8.1	25.3	1.83
F23	20 Aug 2020	38	12.70	91.59	7.2	33.46	8.1	25.3	1.74
F23	20 Aug 2020	39	12.65	91.59	7.2	33.46	8.1	25.3	1.86
F23	20 Aug 2020	40	12.62	91.64	7.1	33.46	8.1	25.3	1.78
F23	20 Aug 2020	41	12.59	91.58	7.1	33.46	8.1	25.3	1.69
F23	20 Aug 2020	42	12.57	91.59	7.1	33.46	8.1	25.3	1.67
F23	20 Aug 2020	43	12.54	91.74	7.0	33.46	8.1	25.3	1.61
F23	20 Aug 2020	44	12.49	91.76	7.0	33.46	8.1	25.3	1.66
F23	20 Aug 2020	45	12.44	91.81	6.9	33.46	8.1	25.3	1.49
F23	20 Aug 2020	46	12.26	91.93	6.8	33.48	8.0	25.4	1.36
F23	20 Aug 2020	47	12.09	92.11	6.6	33.50	8.0	25.4	1.26
F23	20 Aug 2020	48	12.05	92.20	6.5	33.50	8.0	25.4	1.17
F23	20 Aug 2020	49	11.99	92.24	6.5	33.50	8.0	25.4	1.13
F23	20 Aug 2020	50	11.95	92.41	6.4	33.51	8.0	25.4	1.10
F23	20 Aug 2020	51	11.87	92.46	6.4	33.51	8.0	25.5	1.09
F23	20 Aug 2020	52	11.83	92.52	6.4	33.51	8.0	25.5	1.07
F23	20 Aug 2020	53	11.76	92.57	6.3	33.51	8.0	25.5	1.02
F23	20 Aug 2020	54	11.62	92.60	6.3	33.53	8.0	25.5	0.98
F23	20 Aug 2020	55	11.54	92.71	6.2	33.53	8.0	25.5	0.92
F23	20 Aug 2020	56	11.39	92.82	6.1	33.54	8.0	25.6	0.85
F23	20 Aug 2020	57	11.32	92.98	6.1	33.54	8.0	25.6	0.79
F23	20 Aug 2020	58	11.20	93.02	6.0	33.56	8.0	25.6	0.75
F23	20 Aug 2020	59	11.09	93.11	5.8	33.61	7.9	25.7	0.71
F23	20 Aug 2020	60	11.10	93.16	5.6	33.66	7.9	25.7	0.65
F23	20 Aug 2020	61	11.10	93.15	5.4	33.67	7.9	25.7	0.64
F23	20 Aug 2020	62	11.10	93.09	5.3	33.68	7.9	25.7	0.61
F23	20 Aug 2020	63	11.09	93.07	5.2	33.69	7.9	25.7	0.58
F23	20 Aug 2020	64	11.07	93.08	5.0	33.71	7.9	25.8	0.56
F23	20 Aug 2020	65	11.06	93.09	4.9	33.72	7.9	25.8	0.52
F23	20 Aug 2020	66	11.04	93.07	4.9	33.73	7.9	25.8	0.50
F23	20 Aug 2020	67	11.04	93.04	4.8	33.74	7.9	25.8	0.50
F23	20 Aug 2020	68	11.04	93.02	4.8	33.74	7.8	25.8	0.47
F23	20 Aug 2020	69	11.04	93.04	4.7	33.74	7.8	25.8	0.47
F23	20 Aug 2020	70	11.04	93.10	4.7	33.75	7.8	25.8	0.47
F23	20 Aug 2020	71	11.03	93.10	4.7	33.75	7.8	25.8	0.46
F23	20 Aug 2020	72	11.03	93.10	4.7	33.75	7.8	25.8	0.47
F23	20 Aug 2020	73	11.03	93.07	4.7	33.75	7.8	25.8	0.46
F23	20 Aug 2020	74	11.04	93.10	4.7	33.75	7.8	25.8	0.47
F23	20 Aug 2020	75	11.03	93.10	4.6	33.75	7.8	25.8	0.44
F23	20 Aug 2020	76	11.03	93.10	4.6	33.76	7.8	25.8	0.47
F23	20 Aug 2020	77	11.02	93.10	4.6	33.76	7.8	25.8	0.43
F23	20 Aug 2020	78	11.01	93.11	4.5	33.77	7.8	25.8	0.42
F23	20 Aug 2020	79	11.00	93.13	4.5	33.77	7.8	25.8	0.41
F23	20 Aug 2020	80	10.98	93.12	4.4	33.78	7.8	25.8	0.39
F23	20 Aug 2020	81	10.86	93.06	4.4	33.78	7.8	25.9	0.37
F23	20 Aug 2020	82	10.80	92.63	4.4	33.78	7.8	25.9	0.35
F23	20 Aug 2020	83	10.78	91.82	4.3	33.79	7.8	25.9	0.33
F24	20 Aug 2020	1	23.83	90.44	7.0	33.79	8.2	22.8	0.54
F24	20 Aug 2020	2	23.84	90.42	7.0	33.79	8.2	22.8	0.57
F24	20 Aug 2020	3	23.78	90.35	7.0	33.79	8.2	22.8	0.56
F24	20 Aug 2020	4	23.58	90.38	7.1	33.78	8.2	22.8	0.60
F24	20 Aug 2020	5	23.39	90.19	7.1	33.78	8.2	22.9	0.64
F24	20 Aug 2020	6	22.84	90.04	7.2	33.77	8.2	23.0	0.64
F24	20 Aug 2020	7	22.62	89.85	7.2	33.75	8.2	23.1	0.60
F24	20 Aug 2020	8	22.17	90.15	7.4	33.74	8.2	23.2	0.62
F24	20 Aug 2020	9	21.83	90.39	7.4	33.73	8.2	23.3	0.61
F24	20 Aug 2020	10	21.41	90.28	7.5	33.72	8.2	23.4	0.63

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F24	20 Aug 2020	11	20.36	90.27	7.6	33.67	8.2	23.7	0.62
F24	20 Aug 2020	12	18.79	90.18	7.7	33.57	8.2	24.0	0.55
F24	20 Aug 2020	13	17.59	90.56	7.9	33.47	8.2	24.2	0.51
F24	20 Aug 2020	14	17.13	91.07	8.1	33.42	8.2	24.3	0.50
F24	20 Aug 2020	15	16.80	91.28	8.2	33.40	8.2	24.3	0.47
F24	20 Aug 2020	16	16.77	91.47	8.1	33.40	8.2	24.3	0.45
F24	20 Aug 2020	17	16.44	91.39	8.1	33.38	8.2	24.4	0.45
F24	20 Aug 2020	18	16.11	91.60	8.1	33.37	8.2	24.5	0.49
F24	20 Aug 2020	19	15.69	91.62	8.2	33.35	8.2	24.6	0.48
F24	20 Aug 2020	20	15.40	91.65	8.3	33.34	8.2	24.6	0.50
F24	20 Aug 2020	21	15.32	91.78	8.4	33.34	8.2	24.6	0.51
F24	20 Aug 2020	22	15.19	91.77	8.4	33.33	8.2	24.6	0.54
F24	20 Aug 2020	23	15.03	91.82	8.3	33.33	8.2	24.7	0.55
F24	20 Aug 2020	24	14.74	91.78	8.4	33.32	8.2	24.7	0.61
F24	20 Aug 2020	25	14.37	91.78	8.4	33.32	8.2	24.8	0.66
F24	20 Aug 2020	26	14.19	91.65	8.4	33.33	8.2	24.9	0.70
F24	20 Aug 2020	27	14.11	91.67	8.4	33.34	8.2	24.9	0.76
F24	20 Aug 2020	28	14.05	91.64	8.3	33.36	8.2	24.9	0.90
F24	20 Aug 2020	29	14.01	91.60	8.3	33.37	8.2	24.9	1.17
F24	20 Aug 2020	30	13.96	91.40	8.2	33.38	8.2	24.9	1.44
F24	20 Aug 2020	31	13.89	91.23	8.1	33.40	8.2	25.0	1.76
F24	20 Aug 2020	32	13.76	91.09	8.0	33.43	8.1	25.0	2.01
F24	20 Aug 2020	33	13.58	91.03	7.8	33.45	8.1	25.1	2.10
F24	20 Aug 2020	34	13.38	91.05	7.6	33.46	8.1	25.1	2.04
F24	20 Aug 2020	35	13.27	90.99	7.5	33.46	8.1	25.1	2.02
F24	20 Aug 2020	36	13.20	91.22	7.4	33.46	8.1	25.2	1.99
F24	20 Aug 2020	37	12.90	91.32	7.3	33.47	8.1	25.2	1.87
F24	20 Aug 2020	38	12.65	91.48	7.2	33.46	8.1	25.3	1.70
F24	20 Aug 2020	39	12.58	91.66	7.1	33.46	8.1	25.3	1.59
F24	20 Aug 2020	40	12.53	91.77	7.0	33.46	8.1	25.3	1.57
F24	20 Aug 2020	41	12.49	91.82	7.0	33.46	8.1	25.3	1.56
F24	20 Aug 2020	42	12.48	91.85	7.0	33.46	8.0	25.3	1.51
F24	20 Aug 2020	43	12.44	91.82	7.0	33.46	8.0	25.3	1.55
F24	20 Aug 2020	44	12.41	91.91	6.9	33.47	8.0	25.3	1.47
F24	20 Aug 2020	45	12.35	91.96	6.8	33.47	8.0	25.3	1.39
F24	20 Aug 2020	46	12.12	92.01	6.7	33.49	8.0	25.4	1.29
F24	20 Aug 2020	47	11.99	92.16	6.6	33.50	8.0	25.4	1.19
F24	20 Aug 2020	48	11.95	92.30	6.5	33.50	8.0	25.4	1.14
F24	20 Aug 2020	49	11.92	92.33	6.4	33.50	8.0	25.4	1.13
F24	20 Aug 2020	50	11.85	92.45	6.4	33.51	8.0	25.5	1.10
F24	20 Aug 2020	51	11.73	92.51	6.4	33.51	8.0	25.5	1.05
F24	20 Aug 2020	52	11.60	92.58	6.3	33.52	8.0	25.5	0.97
F24	20 Aug 2020	53	11.47	92.71	6.2	33.53	8.0	25.5	0.93
F24	20 Aug 2020	54	11.36	92.79	6.2	33.54	8.0	25.6	0.85
F24	20 Aug 2020	55	11.31	92.88	6.1	33.54	8.0	25.6	0.81
F24	20 Aug 2020	56	11.27	92.99	6.1	33.55	8.0	25.6	0.79
F24	20 Aug 2020	57	11.21	93.00	6.0	33.56	8.0	25.6	0.76
F24	20 Aug 2020	58	11.15	93.05	5.9	33.59	7.9	25.6	0.73
F24	20 Aug 2020	59	11.13	93.08	5.8	33.60	7.9	25.7	0.70
F24	20 Aug 2020	60	11.14	93.10	5.7	33.62	7.9	25.7	0.68
F24	20 Aug 2020	61	11.14	93.12	5.5	33.65	7.9	25.7	0.63
F24	20 Aug 2020	62	11.13	93.09	5.3	33.68	7.9	25.7	0.63
F24	20 Aug 2020	63	11.12	93.02	5.2	33.69	7.9	25.7	0.61
F24	20 Aug 2020	64	11.11	93.01	5.1	33.70	7.9	25.7	0.59
F24	20 Aug 2020	65	11.10	93.04	5.0	33.71	7.9	25.8	0.56
F24	20 Aug 2020	66	11.08	93.04	4.9	33.73	7.9	25.8	0.55
F24	20 Aug 2020	67	11.07	93.01	4.8	33.73	7.8	25.8	0.52
F24	20 Aug 2020	68	11.06	92.93	4.7	33.75	7.8	25.8	0.50
F24	20 Aug 2020	69	11.06	92.99	4.7	33.75	7.8	25.8	0.49
F24	20 Aug 2020	70	11.06	93.04	4.6	33.75	7.8	25.8	0.50
F24	20 Aug 2020	71	11.06	93.04	4.6	33.76	7.8	25.8	0.47

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F24	20 Aug 2020	72	11.05	93.04	4.6	33.76	7.8	25.8	0.47
F24	20 Aug 2020	73	11.05	93.07	4.6	33.76	7.8	25.8	0.46
F24	20 Aug 2020	74	11.04	93.06	4.6	33.76	7.8	25.8	0.45
F24	20 Aug 2020	75	11.04	93.06	4.6	33.76	7.8	25.8	0.45
F24	20 Aug 2020	76	11.03	93.06	4.6	33.76	7.8	25.8	0.45
F24	20 Aug 2020	77	11.03	93.07	4.6	33.76	7.8	25.8	0.44
F24	20 Aug 2020	78	11.03	93.11	4.5	33.76	7.8	25.8	0.45
F24	20 Aug 2020	79	10.93	93.09	4.5	33.77	7.8	25.8	0.43
F24	20 Aug 2020	80	10.85	93.03	4.4	33.80	7.8	25.9	0.38
F24	20 Aug 2020	81	10.81	92.57	4.3	33.81	7.8	25.9	0.33
F24	20 Aug 2020	82	10.84	89.23	4.3	33.80	7.8	25.9	0.33
F24	20 Aug 2020	83	10.87	80.12	4.3	33.79	7.8	25.9	0.36
F25	20 Aug 2020	1	23.64	90.64	7.0	33.78	8.2	22.8	0.46
F25	20 Aug 2020	2	23.63	90.68	7.0	33.78	8.2	22.8	0.46
F25	20 Aug 2020	3	23.62	90.71	7.0	33.78	8.2	22.8	0.47
F25	20 Aug 2020	4	23.47	90.71	7.0	33.78	8.2	22.9	0.48
F25	20 Aug 2020	5	23.22	90.59	7.1	33.77	8.2	22.9	0.56
F25	20 Aug 2020	6	22.96	90.43	7.1	33.77	8.2	23.0	0.55
F25	20 Aug 2020	7	22.38	90.27	7.3	33.75	8.2	23.2	0.52
F25	20 Aug 2020	8	22.02	90.30	7.4	33.74	8.2	23.3	0.52
F25	20 Aug 2020	9	21.58	90.28	7.5	33.73	8.2	23.4	0.55
F25	20 Aug 2020	10	21.24	90.22	7.5	33.71	8.2	23.4	0.58
F25	20 Aug 2020	11	20.64	89.87	7.4	33.67	8.2	23.6	0.58
F25	20 Aug 2020	12	19.30	90.17	7.6	33.59	8.2	23.9	0.50
F25	20 Aug 2020	13	18.44	90.61	7.8	33.54	8.2	24.0	0.48
F25	20 Aug 2020	14	17.36	90.81	8.0	33.45	8.2	24.2	0.45
F25	20 Aug 2020	15	17.03	91.10	8.1	33.40	8.2	24.3	0.41
F25	20 Aug 2020	16	16.95	91.34	8.1	33.39	8.2	24.3	0.38
F25	20 Aug 2020	17	16.87	91.54	8.0	33.40	8.2	24.3	0.40
F25	20 Aug 2020	18	16.24	91.64	8.1	33.38	8.2	24.4	0.40
F25	20 Aug 2020	19	15.61	91.70	8.3	33.35	8.2	24.6	0.42
F25	20 Aug 2020	20	15.36	91.70	8.3	33.33	8.2	24.6	0.45
F25	20 Aug 2020	21	15.24	91.75	8.4	33.32	8.2	24.6	0.47
F25	20 Aug 2020	22	15.15	91.85	8.4	33.32	8.2	24.6	0.48
F25	20 Aug 2020	23	15.01	91.80	8.4	33.32	8.2	24.7	0.52
F25	20 Aug 2020	24	14.81	91.84	8.4	33.32	8.2	24.7	0.58
F25	20 Aug 2020	25	14.68	91.79	8.4	33.32	8.2	24.7	0.62
F25	20 Aug 2020	26	14.49	91.71	8.4	33.31	8.2	24.8	0.63
F25	20 Aug 2020	27	14.38	91.63	8.4	33.33	8.2	24.8	0.71
F25	20 Aug 2020	28	14.19	91.62	8.3	33.35	8.2	24.9	0.88
F25	20 Aug 2020	29	14.08	91.45	8.3	33.37	8.2	24.9	1.14
F25	20 Aug 2020	30	14.03	91.14	8.3	33.38	8.2	24.9	1.33
F25	20 Aug 2020	31	14.00	91.11	8.2	33.38	8.2	24.9	1.51
F25	20 Aug 2020	32	13.94	91.08	8.2	33.40	8.2	25.0	1.72
F25	20 Aug 2020	33	13.82	90.97	8.1	33.42	8.1	25.0	1.94
F25	20 Aug 2020	34	13.68	90.82	7.9	33.44	8.1	25.0	2.05
F25	20 Aug 2020	35	13.51	90.98	7.7	33.45	8.1	25.1	2.12
F25	20 Aug 2020	36	13.27	91.07	7.6	33.46	8.1	25.1	1.94
F25	20 Aug 2020	37	13.20	91.12	7.5	33.46	8.1	25.2	1.81
F25	20 Aug 2020	38	13.09	91.31	7.4	33.46	8.1	25.2	1.78
F25	20 Aug 2020	39	12.84	91.56	7.3	33.45	8.1	25.2	1.59
F25	20 Aug 2020	40	12.71	91.62	7.2	33.46	8.1	25.3	1.46
F25	20 Aug 2020	41	12.54	91.81	7.1	33.46	8.1	25.3	1.45
F25	20 Aug 2020	42	12.48	91.90	7.0	33.46	8.0	25.3	1.39
F25	20 Aug 2020	43	12.43	91.94	7.0	33.46	8.0	25.3	1.39
F25	20 Aug 2020	44	12.38	91.99	6.9	33.47	8.0	25.3	1.36
F25	20 Aug 2020	45	12.36	91.99	6.9	33.47	8.0	25.3	1.37
F25	20 Aug 2020	46	12.34	92.03	6.9	33.47	8.0	25.3	1.29
F25	20 Aug 2020	47	12.30	91.98	6.8	33.47	8.0	25.3	1.28
F25	20 Aug 2020	48	12.26	92.10	6.8	33.48	8.0	25.4	1.30

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F25	20 Aug 2020	49	12.21	92.06	6.7	33.48	8.0	25.4	1.28
F25	20 Aug 2020	50	11.98	92.13	6.6	33.50	8.0	25.4	1.24
F25	20 Aug 2020	51	11.86	92.32	6.5	33.51	8.0	25.5	1.10
F25	20 Aug 2020	52	11.76	92.36	6.4	33.51	8.0	25.5	1.01
F25	20 Aug 2020	53	11.57	92.55	6.3	33.52	8.0	25.5	0.92
F25	20 Aug 2020	54	11.48	92.74	6.2	33.53	8.0	25.5	0.86
F25	20 Aug 2020	55	11.44	92.85	6.2	33.53	8.0	25.6	0.82
F25	20 Aug 2020	56	11.38	92.89	6.1	33.54	8.0	25.6	0.78
F25	20 Aug 2020	57	11.36	92.92	6.1	33.54	8.0	25.6	0.79
F25	20 Aug 2020	58	11.35	92.97	6.0	33.55	8.0	25.6	0.76
F25	20 Aug 2020	59	11.29	92.95	5.9	33.59	7.9	25.6	0.73
F25	20 Aug 2020	60	11.23	92.96	5.6	33.65	7.9	25.7	0.68
F25	20 Aug 2020	61	11.23	92.99	5.4	33.68	7.9	25.7	0.62
F25	20 Aug 2020	62	11.23	92.96	5.1	33.71	7.9	25.7	0.57
F25	20 Aug 2020	63	11.24	92.94	4.9	33.74	7.9	25.8	0.53
F25	20 Aug 2020	64	11.16	92.91	4.7	33.77	7.8	25.8	0.46
F25	20 Aug 2020	65	11.13	92.86	4.5	33.78	7.8	25.8	0.43
F25	20 Aug 2020	66	11.10	92.88	4.5	33.78	7.8	25.8	0.43
F25	20 Aug 2020	67	11.07	92.85	4.4	33.78	7.8	25.8	0.43
F25	20 Aug 2020	68	11.05	92.84	4.4	33.78	7.8	25.8	0.41
F25	20 Aug 2020	69	11.02	92.85	4.4	33.79	7.8	25.8	0.40
F25	20 Aug 2020	70	11.01	92.87	4.4	33.79	7.8	25.8	0.39
F25	20 Aug 2020	71	11.00	92.83	4.4	33.78	7.8	25.8	0.38
F25	20 Aug 2020	72	10.99	92.85	4.4	33.78	7.8	25.8	0.38
F25	20 Aug 2020	73	10.98	92.85	4.4	33.78	7.8	25.8	0.37
F25	20 Aug 2020	74	10.98	92.86	4.4	33.78	7.8	25.8	0.36
F25	20 Aug 2020	75	10.98	92.87	4.4	33.78	7.8	25.8	0.38
F25	20 Aug 2020	76	10.97	92.88	4.4	33.78	7.8	25.8	0.37
F25	20 Aug 2020	77	10.96	92.80	4.4	33.79	7.8	25.8	0.36
F25	20 Aug 2020	78	10.93	92.91	4.3	33.80	7.8	25.9	0.34
F25	20 Aug 2020	79	10.83	92.87	4.2	33.81	7.8	25.9	0.31
F25	20 Aug 2020	80	10.84	92.13	4.2	33.81	7.8	25.9	0.27
F26	18 Aug 2020	1	23.32	83.71	7.6	33.77	8.3	22.9	0.72
F26	18 Aug 2020	2	23.22	84.08	7.6	33.78	8.3	22.9	0.73
F26	18 Aug 2020	3	22.87	83.99	7.5	33.77	8.3	23.0	0.75
F26	18 Aug 2020	4	21.98	84.65	7.4	33.75	8.3	23.3	0.67
F26	18 Aug 2020	5	21.28	86.14	7.4	33.73	8.2	23.4	0.54
F26	18 Aug 2020	6	20.53	88.87	7.3	33.65	8.2	23.6	0.46
F26	18 Aug 2020	7	19.88	90.13	7.4	33.56	8.2	23.7	0.45
F26	18 Aug 2020	8	19.48	90.27	7.5	33.54	8.2	23.8	0.41
F26	18 Aug 2020	9	18.92	90.61	7.6	33.51	8.2	23.9	0.36
F26	18 Aug 2020	10	18.59	91.01	7.6	33.49	8.2	24.0	0.34
F26	18 Aug 2020	11	17.82	91.26	7.8	33.45	8.2	24.1	0.33
F26	18 Aug 2020	12	17.51	91.46	7.9	33.42	8.2	24.2	0.31
F26	18 Aug 2020	13	17.34	91.63	7.9	33.41	8.2	24.2	0.32
F26	18 Aug 2020	14	17.24	91.66	8.0	33.40	8.2	24.2	0.32
F26	18 Aug 2020	15	17.21	91.72	8.0	33.40	8.2	24.2	0.33
F26	18 Aug 2020	16	17.18	91.72	7.9	33.40	8.2	24.2	0.33
F26	18 Aug 2020	17	17.12	91.74	7.9	33.40	8.2	24.3	0.33
F26	18 Aug 2020	18	17.01	91.72	8.0	33.40	8.2	24.3	0.34
F26	18 Aug 2020	19	16.92	91.73	8.0	33.40	8.2	24.3	0.37
F26	18 Aug 2020	20	16.73	91.71	8.0	33.40	8.2	24.4	0.37
F26	18 Aug 2020	21	16.44	91.69	8.1	33.40	8.2	24.4	0.39
F26	18 Aug 2020	22	16.06	91.71	8.1	33.39	8.2	24.5	0.41
F26	18 Aug 2020	23	15.45	91.65	8.2	33.36	8.2	24.6	0.43
F26	18 Aug 2020	24	14.88	91.69	8.3	33.33	8.2	24.7	0.51
F26	18 Aug 2020	25	14.58	91.58	8.4	33.31	8.2	24.8	0.55
F26	18 Aug 2020	26	14.38	91.40	8.4	33.33	8.2	24.8	0.61
F26	18 Aug 2020	27	14.27	91.19	8.3	33.36	8.2	24.9	0.71
F26	18 Aug 2020	28	14.17	91.12	8.1	33.41	8.2	24.9	0.97

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F26	18 Aug 2020	29	13.76	90.97	8.0	33.44	8.2	25.0	1.57
F26	18 Aug 2020	30	13.49	89.97	7.8	33.44	8.2	25.1	1.91
F26	18 Aug 2020	31	13.42	90.08	7.7	33.44	8.1	25.1	2.04
F26	18 Aug 2020	32	13.36	90.18	7.6	33.44	8.1	25.1	2.18
F26	18 Aug 2020	33	13.37	90.25	7.7	33.44	8.1	25.1	2.28
F26	18 Aug 2020	34	13.31	90.29	7.6	33.45	8.1	25.1	2.33
F26	18 Aug 2020	35	13.29	90.35	7.5	33.45	8.1	25.1	2.34
F26	18 Aug 2020	36	13.26	90.38	7.5	33.45	8.1	25.1	2.43
F26	18 Aug 2020	37	13.26	90.32	7.6	33.45	8.1	25.1	2.44
F26	18 Aug 2020	38	13.25	90.41	7.5	33.45	8.1	25.1	2.43
F26	18 Aug 2020	39	13.25	90.41	7.5	33.46	8.1	25.1	2.42
F26	18 Aug 2020	40	13.20	90.45	7.5	33.46	8.1	25.2	2.49
F26	18 Aug 2020	41	13.15	90.49	7.4	33.47	8.1	25.2	2.50
F26	18 Aug 2020	42	13.10	90.52	7.4	33.47	8.1	25.2	2.47
F26	18 Aug 2020	43	12.94	90.55	7.3	33.48	8.1	25.2	2.47
F26	18 Aug 2020	44	12.76	90.68	7.2	33.48	8.1	25.3	2.38
F26	18 Aug 2020	45	12.56	90.92	7.1	33.48	8.1	25.3	2.25
F26	18 Aug 2020	46	12.48	91.16	7.0	33.47	8.1	25.3	2.02
F26	18 Aug 2020	47	12.45	91.28	6.9	33.47	8.1	25.3	2.01
F26	18 Aug 2020	48	12.43	91.15	6.9	33.47	8.1	25.3	1.89
F26	18 Aug 2020	49	12.37	91.54	6.8	33.48	8.1	25.3	1.83
F26	18 Aug 2020	50	12.26	91.65	6.7	33.49	8.1	25.4	1.73
F26	18 Aug 2020	51	12.12	91.82	6.5	33.52	8.0	25.4	1.65
F26	18 Aug 2020	52	11.90	91.94	6.3	33.55	8.0	25.5	1.45
F26	18 Aug 2020	53	11.58	92.21	6.2	33.57	8.0	25.6	1.25
F26	18 Aug 2020	54	11.57	92.54	6.0	33.58	8.0	25.6	1.09
F26	18 Aug 2020	55	11.55	92.68	5.8	33.59	8.0	25.6	1.01
F26	18 Aug 2020	56	11.45	92.68	5.7	33.61	8.0	25.6	0.90
F26	18 Aug 2020	57	11.34	92.71	5.7	33.61	8.0	25.6	0.81
F26	18 Aug 2020	58	11.31	92.85	5.6	33.61	8.0	25.6	0.78
F26	18 Aug 2020	59	11.30	92.89	5.6	33.61	8.0	25.6	0.77
F26	18 Aug 2020	60	11.30	92.88	5.6	33.61	7.9	25.6	0.74
F26	18 Aug 2020	61	11.29	92.91	5.6	33.61	7.9	25.6	0.76
F26	18 Aug 2020	62	11.24	92.93	5.6	33.60	7.9	25.6	0.75
F26	18 Aug 2020	63	11.23	92.97	5.7	33.60	8.0	25.6	0.76
F26	18 Aug 2020	64	11.20	92.98	5.7	33.60	7.9	25.6	0.76
F26	18 Aug 2020	65	11.16	92.96	5.6	33.60	7.9	25.7	0.77
F26	18 Aug 2020	66	11.12	92.98	5.6	33.61	7.9	25.7	0.74
F26	18 Aug 2020	67	11.06	93.03	5.6	33.63	7.9	25.7	0.68
F26	18 Aug 2020	68	10.99	93.03	5.5	33.64	7.9	25.7	0.66
F26	18 Aug 2020	69	10.98	93.06	5.5	33.64	7.9	25.7	0.66
F26	18 Aug 2020	70	10.98	93.08	5.5	33.64	7.9	25.7	0.64
F26	18 Aug 2020	71	10.97	93.07	5.4	33.64	7.9	25.7	0.64
F26	18 Aug 2020	72	10.97	93.08	5.4	33.65	7.9	25.7	0.60
F26	18 Aug 2020	73	10.96	93.08	5.4	33.65	7.9	25.7	0.59
F26	18 Aug 2020	74	10.94	93.09	5.3	33.66	7.9	25.7	0.59
F26	18 Aug 2020	75	10.88	93.09	5.3	33.68	7.9	25.8	0.55
F26	18 Aug 2020	76	10.85	93.10	5.2	33.68	7.9	25.8	0.52
F26	18 Aug 2020	77	10.85	93.12	5.2	33.68	7.9	25.8	0.51
F26	18 Aug 2020	78	10.85	93.13	5.2	33.68	7.9	25.8	0.51
F26	18 Aug 2020	79	10.85	93.13	5.2	33.68	7.9	25.8	0.50
F26	18 Aug 2020	80	10.85	93.15	5.2	33.68	7.9	25.8	0.48
F26	18 Aug 2020	81	10.84	93.14	5.2	33.68	7.9	25.8	0.49
F26	18 Aug 2020	82	10.84	93.14	5.1	33.69	7.9	25.8	0.50
F26	18 Aug 2020	83	10.84	93.15	5.1	33.70	7.9	25.8	0.48
F26	18 Aug 2020	84	10.83	93.14	5.0	33.70	7.9	25.8	0.47
F26	18 Aug 2020	85	10.82	93.15	5.0	33.71	7.9	25.8	0.47
F26	18 Aug 2020	86	10.80	93.15	4.9	33.73	7.9	25.8	0.44
F26	18 Aug 2020	87	10.78	93.14	4.9	33.74	7.9	25.8	0.43
F26	18 Aug 2020	88	10.77	93.05	4.8	33.74	7.9	25.8	0.41
F26	18 Aug 2020	89	10.76	92.97	4.7	33.74	7.8	25.8	0.39

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F26	18 Aug 2020	90	10.75	92.83	4.7	33.74	7.8	25.8	0.37
F26	18 Aug 2020	91	10.74	92.71	4.7	33.74	7.8	25.8	0.37
F26	18 Aug 2020	92	10.74	92.52	4.6	33.74	7.8	25.8	0.36
F26	18 Aug 2020	93	10.72	92.34	4.6	33.76	7.8	25.9	0.35
F26	18 Aug 2020	94	10.70	92.02	4.6	33.77	7.8	25.9	0.35
F26	18 Aug 2020	95	10.70	91.71	4.5	33.77	7.8	25.9	0.34
F26	18 Aug 2020	96	10.69	91.56	4.5	33.78	7.8	25.9	0.34
F26	18 Aug 2020	97	10.68	91.42	4.4	33.79	7.8	25.9	0.34
F26	18 Aug 2020	98	10.64	91.29	4.3	33.83	7.8	25.9	0.32
F26	18 Aug 2020	99	10.61	90.99	4.1	33.84	7.8	25.9	0.30
F26	18 Aug 2020	100	10.60	90.79	4.1	33.84	7.8	25.9	0.31
F27	18 Aug 2020	1	23.33	83.79	7.6	33.78	8.3	22.9	0.69
F27	18 Aug 2020	2	23.27	83.92	7.6	33.78	8.3	22.9	0.72
F27	18 Aug 2020	3	23.07	83.92	7.6	33.78	8.3	23.0	0.76
F27	18 Aug 2020	4	22.47	83.99	7.5	33.76	8.3	23.1	0.73
F27	18 Aug 2020	5	21.37	84.59	7.5	33.72	8.3	23.4	0.61
F27	18 Aug 2020	6	20.81	87.18	7.5	33.69	8.3	23.5	0.51
F27	18 Aug 2020	7	20.29	89.07	7.5	33.64	8.2	23.6	0.46
F27	18 Aug 2020	8	19.47	90.16	7.5	33.58	8.2	23.8	0.40
F27	18 Aug 2020	9	18.43	90.80	7.6	33.51	8.2	24.0	0.36
F27	18 Aug 2020	10	17.62	91.27	7.9	33.44	8.2	24.2	0.31
F27	18 Aug 2020	11	17.50	91.54	7.9	33.41	8.2	24.2	0.30
F27	18 Aug 2020	12	17.46	91.67	7.9	33.41	8.2	24.2	0.31
F27	18 Aug 2020	13	17.42	91.66	7.9	33.41	8.2	24.2	0.30
F27	18 Aug 2020	14	17.25	91.68	8.0	33.41	8.2	24.2	0.32
F27	18 Aug 2020	15	17.23	91.66	7.9	33.41	8.2	24.2	0.34
F27	18 Aug 2020	16	17.02	91.62	7.9	33.41	8.2	24.3	0.35
F27	18 Aug 2020	17	16.83	91.57	8.0	33.41	8.2	24.3	0.38
F27	18 Aug 2020	18	16.78	91.37	8.0	33.41	8.2	24.3	0.42
F27	18 Aug 2020	19	16.28	91.48	7.9	33.43	8.2	24.5	0.50
F27	18 Aug 2020	20	15.61	91.11	8.0	33.41	8.2	24.6	0.54
F27	18 Aug 2020	21	15.09	91.17	8.2	33.35	8.2	24.7	0.51
F27	18 Aug 2020	22	14.65	91.46	8.3	33.32	8.2	24.8	0.51
F27	18 Aug 2020	23	14.61	91.40	8.3	33.31	8.2	24.8	0.53
F27	18 Aug 2020	24	14.32	91.18	8.2	33.37	8.2	24.9	0.67
F27	18 Aug 2020	25	14.12	90.99	8.1	33.40	8.2	24.9	0.92
F27	18 Aug 2020	26	14.13	90.78	8.0	33.40	8.2	24.9	1.13
F27	18 Aug 2020	27	13.78	90.47	7.9	33.44	8.2	25.0	1.46
F27	18 Aug 2020	28	13.48	90.30	7.8	33.44	8.2	25.1	1.83
F27	18 Aug 2020	29	13.32	90.23	7.7	33.44	8.1	25.1	2.03
F27	18 Aug 2020	30	13.28	90.29	7.6	33.44	8.1	25.1	2.07
F27	18 Aug 2020	31	13.24	90.34	7.6	33.44	8.1	25.1	2.15
F27	18 Aug 2020	32	13.19	90.41	7.5	33.44	8.1	25.1	2.22
F27	18 Aug 2020	33	13.17	90.42	7.5	33.45	8.1	25.2	2.23
F27	18 Aug 2020	34	13.16	90.51	7.4	33.45	8.1	25.2	2.26
F27	18 Aug 2020	35	13.17	90.55	7.4	33.45	8.1	25.2	2.34
F27	18 Aug 2020	36	13.13	90.56	7.4	33.46	8.1	25.2	2.35
F27	18 Aug 2020	37	13.04	90.59	7.3	33.47	8.1	25.2	2.30
F27	18 Aug 2020	38	12.70	90.79	7.2	33.48	8.1	25.3	2.21
F27	18 Aug 2020	39	12.60	91.12	7.1	33.47	8.1	25.3	2.01
F27	18 Aug 2020	40	12.57	91.19	7.0	33.47	8.1	25.3	1.91
F27	18 Aug 2020	41	12.50	91.24	7.0	33.47	8.1	25.3	1.95
F27	18 Aug 2020	42	12.46	91.35	6.9	33.47	8.1	25.3	1.85
F27	18 Aug 2020	43	12.44	91.47	6.9	33.48	8.1	25.3	1.82
F27	18 Aug 2020	44	12.41	91.53	6.8	33.48	8.1	25.3	1.79
F27	18 Aug 2020	45	12.37	91.61	6.8	33.49	8.1	25.3	1.78
F27	18 Aug 2020	46	12.30	91.69	6.7	33.49	8.0	25.4	1.71
F27	18 Aug 2020	47	12.27	91.74	6.7	33.50	8.0	25.4	1.66
F27	18 Aug 2020	48	12.15	91.83	6.6	33.51	8.0	25.4	1.61
F27	18 Aug 2020	49	12.10	91.97	6.5	33.51	8.0	25.4	1.52

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F27	18 Aug 2020	50	12.10	92.06	6.4	33.51	8.0	25.4	1.45
F27	18 Aug 2020	51	11.61	92.30	6.3	33.56	8.0	25.5	1.27
F27	18 Aug 2020	52	11.54	92.62	6.1	33.56	8.0	25.6	1.18
F27	18 Aug 2020	53	11.53	92.72	6.0	33.57	8.0	25.6	1.00
F27	18 Aug 2020	54	11.52	92.74	5.9	33.58	8.0	25.6	0.95
F27	18 Aug 2020	55	11.50	92.74	5.8	33.59	8.0	25.6	0.91
F27	18 Aug 2020	56	11.34	92.67	5.6	33.62	7.9	25.6	0.82
F27	18 Aug 2020	57	11.24	92.86	5.6	33.62	7.9	25.7	0.71
F27	18 Aug 2020	58	11.20	92.93	5.5	33.62	7.9	25.7	0.68
F27	18 Aug 2020	59	11.17	92.99	5.5	33.62	7.9	25.7	0.66
F27	18 Aug 2020	60	11.05	93.06	5.5	33.63	7.9	25.7	0.62
F27	18 Aug 2020	61	10.98	93.10	5.4	33.64	7.9	25.7	0.58
F27	18 Aug 2020	62	10.95	93.09	5.4	33.65	7.9	25.7	0.54
F27	18 Aug 2020	63	10.95	93.11	5.4	33.65	7.9	25.7	0.54
F27	18 Aug 2020	64	10.94	93.10	5.3	33.65	7.9	25.7	0.54
F27	18 Aug 2020	65	10.93	93.10	5.3	33.66	7.9	25.7	0.53
F27	18 Aug 2020	66	10.93	93.09	5.3	33.66	7.9	25.7	0.53
F27	18 Aug 2020	67	10.93	93.07	5.3	33.66	7.9	25.7	0.53
F27	18 Aug 2020	68	10.93	93.11	5.3	33.66	7.9	25.7	0.51
F27	18 Aug 2020	69	10.93	93.11	5.3	33.66	7.9	25.7	0.53
F27	18 Aug 2020	70	10.92	93.10	5.3	33.66	7.9	25.7	0.51
F27	18 Aug 2020	71	10.93	93.10	5.3	33.66	7.9	25.7	0.51
F27	18 Aug 2020	72	10.90	93.12	5.2	33.67	7.9	25.8	0.53
F27	18 Aug 2020	73	10.88	93.12	5.2	33.68	7.9	25.8	0.50
F27	18 Aug 2020	74	10.87	93.11	5.1	33.69	7.9	25.8	0.48
F27	18 Aug 2020	75	10.85	93.07	5.0	33.70	7.9	25.8	0.47
F27	18 Aug 2020	76	10.82	93.08	5.0	33.72	7.9	25.8	0.44
F27	18 Aug 2020	77	10.80	93.10	4.9	33.73	7.9	25.8	0.43
F27	18 Aug 2020	78	10.80	93.11	4.9	33.73	7.9	25.8	0.41
F27	18 Aug 2020	79	10.79	93.11	4.8	33.74	7.9	25.8	0.41
F27	18 Aug 2020	80	10.79	93.10	4.8	33.74	7.8	25.8	0.41
F27	18 Aug 2020	81	10.79	93.10	4.7	33.74	7.8	25.8	0.40
F27	18 Aug 2020	82	10.79	93.13	4.7	33.75	7.8	25.8	0.41
F27	18 Aug 2020	83	10.76	93.13	4.6	33.78	7.8	25.9	0.37
F27	18 Aug 2020	84	10.74	92.87	4.5	33.77	7.8	25.9	0.33
F27	18 Aug 2020	85	10.73	92.38	4.4	33.77	7.8	25.9	0.32
F27	18 Aug 2020	86	10.73	92.12	4.3	33.77	7.8	25.9	0.32
F27	18 Aug 2020	87	10.73	92.07	4.3	33.77	7.8	25.9	0.31
F27	18 Aug 2020	88	10.73	92.33	4.3	33.78	7.8	25.9	0.30
F27	18 Aug 2020	89	10.73	92.51	4.4	33.78	7.8	25.9	0.31
F27	18 Aug 2020	90	10.73	92.51	4.3	33.78	7.8	25.9	0.31
F27	18 Aug 2020	91	10.73	92.36	4.3	33.78	7.8	25.9	0.31
F27	18 Aug 2020	92	10.72	92.17	4.3	33.79	7.8	25.9	0.31
F27	18 Aug 2020	93	10.71	92.41	4.2	33.82	7.8	25.9	0.30
F27	18 Aug 2020	94	10.69	92.25	4.2	33.82	7.8	25.9	0.30
F27	18 Aug 2020	95	10.68	91.80	4.2	33.82	7.8	25.9	0.30
F27	18 Aug 2020	96	10.68	91.62	4.1	33.82	7.8	25.9	0.29
F27	18 Aug 2020	97	10.68	91.42	4.1	33.82	7.8	25.9	0.29
F27	18 Aug 2020	98	10.68	91.31	4.1	33.83	7.8	25.9	0.30
F27	18 Aug 2020	99	10.67	89.68	4.1	33.83	7.8	25.9	0.30
F28	18 Aug 2020	1	23.34	83.63	7.7	33.77	8.3	22.9	0.67
F28	18 Aug 2020	2	23.24	83.85	7.6	33.77	8.3	22.9	0.72
F28	18 Aug 2020	3	22.97	83.57	7.6	33.78	8.3	23.0	0.77
F28	18 Aug 2020	4	22.55	83.89	7.6	33.78	8.3	23.1	0.72
F28	18 Aug 2020	5	21.85	84.54	7.6	33.77	8.3	23.3	0.60
F28	18 Aug 2020	6	21.25	86.54	7.5	33.74	8.3	23.5	0.51
F28	18 Aug 2020	7	20.55	89.29	7.4	33.69	8.2	23.6	0.45
F28	18 Aug 2020	8	19.48	90.26	7.5	33.63	8.2	23.9	0.41
F28	18 Aug 2020	9	18.05	90.72	7.7	33.52	8.2	24.1	0.37
F28	18 Aug 2020	10	17.29	91.18	8.0	33.43	8.2	24.2	0.34

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F28	18 Aug 2020	11	17.29	91.58	8.0	33.41	8.2	24.2	0.32
F28	18 Aug 2020	12	17.01	91.67	7.9	33.40	8.2	24.3	0.32
F28	18 Aug 2020	13	16.84	91.69	8.0	33.39	8.2	24.3	0.32
F28	18 Aug 2020	14	16.72	91.66	8.0	33.38	8.2	24.3	0.33
F28	18 Aug 2020	15	16.56	91.66	8.0	33.38	8.2	24.4	0.34
F28	18 Aug 2020	16	16.37	91.68	8.1	33.37	8.2	24.4	0.35
F28	18 Aug 2020	17	15.98	91.68	8.0	33.39	8.2	24.5	0.37
F28	18 Aug 2020	18	14.86	91.59	8.2	33.35	8.2	24.7	0.42
F28	18 Aug 2020	19	14.42	91.54	8.3	33.33	8.2	24.8	0.48
F28	18 Aug 2020	20	14.22	91.43	8.3	33.37	8.2	24.9	0.59
F28	18 Aug 2020	21	14.14	91.20	8.2	33.40	8.2	24.9	0.81
F28	18 Aug 2020	22	14.07	90.81	8.1	33.41	8.2	24.9	1.08
F28	18 Aug 2020	23	13.93	90.46	8.0	33.42	8.2	25.0	1.34
F28	18 Aug 2020	24	13.62	90.26	7.9	33.43	8.2	25.1	1.57
F28	18 Aug 2020	25	13.51	90.25	7.8	33.43	8.2	25.1	1.75
F28	18 Aug 2020	26	13.48	90.31	7.7	33.43	8.2	25.1	1.85
F28	18 Aug 2020	27	13.44	90.26	7.7	33.43	8.1	25.1	1.92
F28	18 Aug 2020	28	13.42	90.38	7.7	33.44	8.1	25.1	1.97
F28	18 Aug 2020	29	13.43	90.45	7.7	33.44	8.1	25.1	1.98
F28	18 Aug 2020	30	13.38	90.43	7.7	33.45	8.1	25.1	1.98
F28	18 Aug 2020	31	13.36	90.49	7.6	33.45	8.1	25.1	2.14
F28	18 Aug 2020	32	13.34	90.50	7.6	33.45	8.1	25.1	2.18
F28	18 Aug 2020	33	13.33	90.57	7.5	33.46	8.1	25.1	2.20
F28	18 Aug 2020	34	13.32	90.60	7.5	33.46	8.1	25.1	2.24
F28	18 Aug 2020	35	13.31	90.56	7.5	33.47	8.1	25.1	2.25
F28	18 Aug 2020	36	13.28	90.59	7.5	33.47	8.1	25.2	2.32
F28	18 Aug 2020	37	13.21	90.61	7.4	33.48	8.1	25.2	2.35
F28	18 Aug 2020	38	13.01	90.67	7.3	33.49	8.1	25.2	2.29
F28	18 Aug 2020	39	12.73	90.81	7.2	33.49	8.1	25.3	2.18
F28	18 Aug 2020	40	12.60	91.16	7.1	33.48	8.1	25.3	2.07
F28	18 Aug 2020	41	12.53	91.44	7.0	33.48	8.1	25.3	1.90
F28	18 Aug 2020	42	12.31	91.64	6.9	33.48	8.1	25.4	1.74
F28	18 Aug 2020	43	12.28	91.87	6.8	33.48	8.1	25.4	1.59
F28	18 Aug 2020	44	12.27	91.94	6.8	33.48	8.1	25.4	1.61
F28	18 Aug 2020	45	12.25	91.97	6.7	33.48	8.1	25.4	1.55
F28	18 Aug 2020	46	12.22	92.00	6.7	33.48	8.0	25.4	1.52
F28	18 Aug 2020	47	12.14	92.05	6.6	33.50	8.0	25.4	1.47
F28	18 Aug 2020	48	12.04	92.13	6.5	33.52	8.0	25.4	1.43
F28	18 Aug 2020	49	11.96	92.16	6.4	33.53	8.0	25.5	1.36
F28	18 Aug 2020	50	11.87	92.25	6.3	33.53	8.0	25.5	1.31
F28	18 Aug 2020	51	11.83	92.37	6.3	33.53	8.0	25.5	1.24
F28	18 Aug 2020	52	11.81	92.43	6.2	33.54	8.0	25.5	1.22
F28	18 Aug 2020	53	11.78	92.42	6.2	33.54	8.0	25.5	1.18
F28	18 Aug 2020	54	11.77	92.47	6.1	33.55	8.0	25.5	1.15
F28	18 Aug 2020	55	11.65	92.56	6.0	33.56	8.0	25.5	1.07
F28	18 Aug 2020	56	11.43	92.73	5.9	33.58	8.0	25.6	0.96
F28	18 Aug 2020	57	11.36	92.81	5.8	33.60	8.0	25.6	0.86
F28	18 Aug 2020	58	11.22	92.88	5.7	33.62	8.0	25.7	0.78
F28	18 Aug 2020	59	11.12	92.95	5.6	33.64	7.9	25.7	0.69
F28	18 Aug 2020	60	11.03	93.00	5.5	33.65	7.9	25.7	0.65
F28	18 Aug 2020	61	11.01	93.03	5.4	33.65	7.9	25.7	0.61
F28	18 Aug 2020	62	10.99	93.02	5.4	33.65	7.9	25.7	0.57
F28	18 Aug 2020	63	10.97	92.95	5.4	33.65	7.9	25.7	0.54
F28	18 Aug 2020	64	10.95	93.09	5.3	33.66	7.9	25.7	0.53
F28	18 Aug 2020	65	10.95	93.08	5.3	33.66	7.9	25.7	0.52
F28	18 Aug 2020	66	10.95	93.09	5.3	33.66	7.9	25.7	0.50
F28	18 Aug 2020	67	10.94	93.11	5.3	33.66	7.9	25.7	0.51
F28	18 Aug 2020	68	10.93	93.11	5.3	33.66	7.9	25.7	0.51
F28	18 Aug 2020	69	10.92	93.07	5.3	33.67	7.9	25.8	0.53
F28	18 Aug 2020	70	10.92	93.10	5.2	33.67	7.9	25.8	0.53
F28	18 Aug 2020	71	10.91	93.12	5.2	33.67	7.9	25.8	0.53

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F28	18 Aug 2020	72	10.86	93.10	5.2	33.70	7.9	25.8	0.49
F28	18 Aug 2020	73	10.83	93.11	5.0	33.71	7.9	25.8	0.47
F28	18 Aug 2020	74	10.83	93.11	5.0	33.71	7.9	25.8	0.45
F28	18 Aug 2020	75	10.82	93.12	5.0	33.71	7.9	25.8	0.45
F28	18 Aug 2020	76	10.81	93.09	5.0	33.71	7.9	25.8	0.45
F28	18 Aug 2020	77	10.81	93.12	5.0	33.72	7.9	25.8	0.44
F28	18 Aug 2020	78	10.79	93.13	4.9	33.73	7.9	25.8	0.42
F28	18 Aug 2020	79	10.79	93.15	4.8	33.75	7.9	25.8	0.43
F28	18 Aug 2020	80	10.78	93.09	4.6	33.78	7.8	25.9	0.38
F28	18 Aug 2020	81	10.78	92.92	4.5	33.78	7.8	25.9	0.36
F28	18 Aug 2020	82	10.79	92.80	4.4	33.78	7.8	25.9	0.36
F28	18 Aug 2020	83	10.79	92.76	4.4	33.78	7.8	25.9	0.34
F28	18 Aug 2020	84	10.78	92.63	4.4	33.78	7.8	25.9	0.35
F28	18 Aug 2020	85	10.78	92.59	4.4	33.78	7.8	25.9	0.34
F28	18 Aug 2020	86	10.77	92.48	4.3	33.78	7.8	25.9	0.33
F28	18 Aug 2020	87	10.77	92.41	4.3	33.78	7.8	25.9	0.33
F28	18 Aug 2020	88	10.77	92.36	4.3	33.78	7.8	25.9	0.33
F28	18 Aug 2020	89	10.76	92.26	4.2	33.78	7.8	25.9	0.33
F28	18 Aug 2020	90	10.76	92.09	4.2	33.79	7.8	25.9	0.31
F28	18 Aug 2020	91	10.79	92.16	4.2	33.80	7.8	25.9	0.32
F28	18 Aug 2020	92	10.79	93.00	4.3	33.81	7.8	25.9	0.33
F28	18 Aug 2020	93	10.79	93.05	4.2	33.81	7.8	25.9	0.33
F28	18 Aug 2020	94	10.75	93.05	4.2	33.82	7.8	25.9	0.33
F28	18 Aug 2020	95	10.73	92.98	4.2	33.83	7.8	25.9	0.32
F28	18 Aug 2020	96	10.72	92.76	4.1	33.84	7.8	25.9	0.31
F28	18 Aug 2020	97	10.72	92.42	4.1	33.84	7.8	25.9	0.31
F28	18 Aug 2020	98	10.72	92.42	4.0	33.84	7.8	25.9	0.31
F28	18 Aug 2020	99	10.70	92.13	4.0	33.85	7.8	25.9	0.31
F28	18 Aug 2020	100	10.70	91.20	4.0	33.85	7.8	25.9	0.30
F29	18 Aug 2020	1	22.72	84.47	7.7	33.76	8.3	23.1	0.65
F29	18 Aug 2020	2	22.69	84.48	7.7	33.76	8.3	23.1	0.68
F29	18 Aug 2020	3	22.43	84.87	7.6	33.77	8.3	23.2	0.68
F29	18 Aug 2020	4	21.69	85.83	7.7	33.77	8.3	23.4	0.60
F29	18 Aug 2020	5	21.06	87.86	7.8	33.73	8.3	23.5	0.48
F29	18 Aug 2020	6	20.69	89.83	7.6	33.69	8.2	23.6	0.44
F29	18 Aug 2020	7	19.36	90.24	7.5	33.66	8.2	23.9	0.40
F29	18 Aug 2020	8	17.75	90.72	8.0	33.48	8.2	24.2	0.35
F29	18 Aug 2020	9	17.49	91.35	8.0	33.46	8.2	24.2	0.33
F29	18 Aug 2020	10	17.12	91.50	8.1	33.42	8.2	24.3	0.32
F29	18 Aug 2020	11	17.01	91.45	8.1	33.42	8.2	24.3	0.32
F29	18 Aug 2020	12	16.78	91.57	8.1	33.41	8.2	24.3	0.34
F29	18 Aug 2020	13	16.53	91.51	8.1	33.40	8.2	24.4	0.34
F29	18 Aug 2020	14	15.96	91.50	8.2	33.39	8.2	24.5	0.35
F29	18 Aug 2020	15	15.50	91.67	8.2	33.36	8.2	24.6	0.36
F29	18 Aug 2020	16	14.65	91.75	8.4	33.32	8.2	24.8	0.39
F29	18 Aug 2020	17	14.57	91.78	8.3	33.33	8.2	24.8	0.41
F29	18 Aug 2020	18	14.40	91.77	8.3	33.36	8.2	24.8	0.42
F29	18 Aug 2020	19	14.29	91.80	8.2	33.37	8.2	24.9	0.52
F29	18 Aug 2020	20	14.06	91.54	8.1	33.43	8.2	25.0	0.82
F29	18 Aug 2020	21	13.75	90.63	8.0	33.44	8.2	25.0	1.23
F29	18 Aug 2020	22	13.69	90.39	7.9	33.44	8.2	25.0	1.47
F29	18 Aug 2020	23	13.65	90.43	7.8	33.44	8.2	25.1	1.60
F29	18 Aug 2020	24	13.64	90.43	7.8	33.44	8.2	25.1	1.77
F29	18 Aug 2020	25	13.63	90.39	7.8	33.45	8.2	25.1	1.93
F29	18 Aug 2020	26	13.65	90.39	7.8	33.45	8.1	25.1	1.92
F29	18 Aug 2020	27	13.61	90.20	7.8	33.46	8.1	25.1	2.02
F29	18 Aug 2020	28	13.60	90.42	7.7	33.46	8.1	25.1	2.16
F29	18 Aug 2020	29	13.48	90.47	7.6	33.48	8.1	25.1	2.27
F29	18 Aug 2020	30	13.38	90.55	7.6	33.48	8.1	25.1	2.32
F29	18 Aug 2020	31	13.38	90.55	7.5	33.48	8.1	25.1	2.28

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F29	18 Aug 2020	32	13.35	90.56	7.5	33.48	8.1	25.1	2.53
F29	18 Aug 2020	33	13.20	90.48	7.4	33.48	8.1	25.2	2.61
F29	18 Aug 2020	34	13.04	90.39	7.3	33.48	8.1	25.2	2.58
F29	18 Aug 2020	35	12.69	90.89	7.2	33.48	8.1	25.3	2.25
F29	18 Aug 2020	36	12.66	91.40	7.0	33.47	8.1	25.3	1.95
F29	18 Aug 2020	37	12.63	91.49	7.0	33.47	8.1	25.3	1.95
F29	18 Aug 2020	38	12.52	91.52	6.9	33.48	8.1	25.3	1.74
F29	18 Aug 2020	39	12.40	91.73	6.8	33.48	8.1	25.3	1.72
F29	18 Aug 2020	40	12.25	91.90	6.8	33.48	8.0	25.4	1.53
F29	18 Aug 2020	41	12.18	92.13	6.7	33.48	8.0	25.4	1.47
F29	18 Aug 2020	42	12.08	92.22	6.6	33.49	8.0	25.4	1.40
F29	18 Aug 2020	43	12.05	92.30	6.6	33.49	8.0	25.4	1.41
F29	18 Aug 2020	44	12.03	92.35	6.6	33.49	8.0	25.4	1.30
F29	18 Aug 2020	45	11.97	92.36	6.5	33.50	8.0	25.4	1.27
F29	18 Aug 2020	46	11.93	92.42	6.5	33.50	8.0	25.4	1.26
F29	18 Aug 2020	47	11.91	92.49	6.4	33.51	8.0	25.4	1.22
F29	18 Aug 2020	48	11.79	92.46	6.3	33.54	8.0	25.5	1.18
F29	18 Aug 2020	49	11.68	92.52	6.1	33.55	8.0	25.5	1.11
F29	18 Aug 2020	50	11.64	92.61	6.0	33.56	8.0	25.5	1.08
F29	18 Aug 2020	51	11.62	92.62	6.0	33.56	8.0	25.5	1.01
F29	18 Aug 2020	52	11.61	92.64	6.0	33.56	8.0	25.5	1.00
F29	18 Aug 2020	53	11.57	92.69	5.9	33.56	8.0	25.6	0.98
F29	18 Aug 2020	54	11.45	92.75	5.9	33.58	8.0	25.6	0.91
F29	18 Aug 2020	55	11.41	92.81	5.8	33.58	8.0	25.6	0.86
F29	18 Aug 2020	56	11.40	92.83	5.8	33.58	7.9	25.6	0.83
F29	18 Aug 2020	57	11.40	92.86	5.8	33.58	7.9	25.6	0.84
F29	18 Aug 2020	58	11.41	92.86	5.8	33.59	7.9	25.6	0.85
F29	18 Aug 2020	59	11.41	92.84	5.8	33.59	7.9	25.6	0.81
F29	18 Aug 2020	60	11.39	92.87	5.7	33.59	7.9	25.6	0.80
F29	18 Aug 2020	61	11.38	92.91	5.7	33.59	7.9	25.6	0.81
F29	18 Aug 2020	62	11.34	92.93	5.7	33.59	7.9	25.6	0.78
F29	18 Aug 2020	63	11.28	92.97	5.7	33.59	7.9	25.6	0.76
F29	18 Aug 2020	64	11.26	93.01	5.7	33.59	7.9	25.6	0.73
F29	18 Aug 2020	65	11.22	93.01	5.6	33.60	7.9	25.6	0.72
F29	18 Aug 2020	66	11.16	93.04	5.6	33.61	7.9	25.7	0.67
F29	18 Aug 2020	67	11.13	93.07	5.5	33.62	7.9	25.7	0.65
F29	18 Aug 2020	68	11.08	93.09	5.5	33.63	7.9	25.7	0.62
F29	18 Aug 2020	69	11.06	93.10	5.5	33.63	7.9	25.7	0.60
F29	18 Aug 2020	70	11.05	93.07	5.4	33.63	7.9	25.7	0.59
F29	18 Aug 2020	71	11.04	93.08	5.4	33.64	7.9	25.7	0.57
F29	18 Aug 2020	72	11.04	93.07	5.4	33.64	7.9	25.7	0.58
F29	18 Aug 2020	73	11.03	93.07	5.4	33.64	7.9	25.7	0.57
F29	18 Aug 2020	74	11.01	93.08	5.3	33.65	7.9	25.7	0.58
F29	18 Aug 2020	75	11.01	93.08	5.3	33.65	7.9	25.7	0.57
F29	18 Aug 2020	76	10.98	93.06	5.3	33.65	7.9	25.7	0.58
F29	18 Aug 2020	77	10.92	93.08	5.3	33.66	7.9	25.7	0.54
F29	18 Aug 2020	78	10.89	93.11	5.2	33.67	7.9	25.8	0.54
F29	18 Aug 2020	79	10.81	93.14	5.1	33.70	7.9	25.8	0.52
F29	18 Aug 2020	80	10.79	93.21	5.0	33.73	7.9	25.8	0.46
F29	18 Aug 2020	81	10.81	93.22	4.8	33.74	7.8	25.8	0.42
F29	18 Aug 2020	82	10.81	93.18	4.7	33.76	7.8	25.8	0.41
F29	18 Aug 2020	83	10.83	93.11	4.5	33.78	7.8	25.9	0.39
F29	18 Aug 2020	84	10.81	93.03	4.5	33.78	7.8	25.9	0.36
F29	18 Aug 2020	85	10.80	92.71	4.4	33.78	7.8	25.9	0.36
F29	18 Aug 2020	86	10.79	92.69	4.4	33.78	7.8	25.9	0.35
F29	18 Aug 2020	87	10.79	92.66	4.4	33.78	7.8	25.9	0.34
F29	18 Aug 2020	88	10.79	92.69	4.4	33.78	7.8	25.9	0.35
F29	18 Aug 2020	89	10.80	92.67	4.3	33.78	7.8	25.9	0.33
F29	18 Aug 2020	90	10.80	92.76	4.3	33.78	7.8	25.9	0.34
F29	18 Aug 2020	91	10.78	92.72	4.3	33.78	7.8	25.9	0.35
F29	18 Aug 2020	92	10.75	92.11	4.2	33.78	7.8	25.9	0.32

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F29	18 Aug 2020	93	10.74	91.83	4.2	33.79	7.8	25.9	0.31
F29	18 Aug 2020	94	10.71	91.96	4.2	33.79	7.8	25.9	0.30
F29	18 Aug 2020	95	10.70	92.03	4.2	33.79	7.8	25.9	0.30
F29	18 Aug 2020	96	10.69	92.05	4.2	33.80	7.8	25.9	0.29
F29	18 Aug 2020	97	10.68	91.95	4.1	33.81	7.8	25.9	0.30
F29	18 Aug 2020	98	10.68	91.78	4.1	33.81	7.8	25.9	0.31
F29	18 Aug 2020	99	10.64	91.01	4.0	33.84	7.8	25.9	0.29
F30	18 Aug 2020	1	23.06	82.97	7.8	33.76	8.3	23.0	0.69
F30	18 Aug 2020	2	22.92	82.89	7.7	33.76	8.3	23.0	0.71
F30	18 Aug 2020	3	22.39	83.42	7.6	33.77	8.3	23.2	0.66
F30	18 Aug 2020	4	20.82	86.80	7.8	33.74	8.3	23.6	0.52
F30	18 Aug 2020	5	20.28	89.68	7.6	33.67	8.2	23.7	0.44
F30	18 Aug 2020	6	18.32	90.45	8.0	33.55	8.2	24.1	0.41
F30	18 Aug 2020	7	18.48	90.82	7.9	33.49	8.2	24.0	0.37
F30	18 Aug 2020	8	17.25	91.14	8.0	33.44	8.2	24.3	0.33
F30	18 Aug 2020	9	17.12	91.41	8.1	33.43	8.2	24.3	0.33
F30	18 Aug 2020	10	16.99	91.45	8.1	33.41	8.2	24.3	0.34
F30	18 Aug 2020	11	16.56	91.55	8.2	33.40	8.2	24.4	0.33
F30	18 Aug 2020	12	16.22	91.63	8.1	33.40	8.2	24.5	0.34
F30	18 Aug 2020	13	15.05	91.75	8.3	33.35	8.2	24.7	0.34
F30	18 Aug 2020	14	14.80	91.80	8.4	33.33	8.2	24.7	0.37
F30	18 Aug 2020	15	14.53	91.78	8.4	33.36	8.2	24.8	0.39
F30	18 Aug 2020	16	14.46	91.86	8.3	33.37	8.2	24.8	0.44
F30	18 Aug 2020	17	14.34	91.49	8.2	33.38	8.2	24.9	0.51
F30	18 Aug 2020	18	14.02	91.02	8.1	33.42	8.2	25.0	0.87
F30	18 Aug 2020	19	13.87	90.47	8.1	33.44	8.2	25.0	1.21
F30	18 Aug 2020	20	13.88	90.43	8.0	33.44	8.2	25.0	1.36
F30	18 Aug 2020	21	13.86	89.98	8.0	33.44	8.2	25.0	1.51
F30	18 Aug 2020	22	13.86	90.34	8.0	33.45	8.2	25.0	1.69
F30	18 Aug 2020	23	13.86	90.41	7.9	33.45	8.2	25.0	1.76
F30	18 Aug 2020	24	13.86	90.31	7.9	33.45	8.2	25.0	1.90
F30	18 Aug 2020	25	13.78	90.29	7.9	33.46	8.1	25.0	2.04
F30	18 Aug 2020	26	13.78	90.33	7.9	33.46	8.1	25.0	2.20
F30	18 Aug 2020	27	13.72	90.31	7.8	33.47	8.1	25.1	2.33
F30	18 Aug 2020	28	13.69	90.29	7.8	33.47	8.1	25.1	2.38
F30	18 Aug 2020	29	13.53	90.29	7.7	33.48	8.1	25.1	2.40
F30	18 Aug 2020	30	13.45	90.54	7.6	33.48	8.1	25.1	2.39
F30	18 Aug 2020	31	13.35	90.51	7.5	33.48	8.1	25.1	2.43
F30	18 Aug 2020	32	13.35	90.47	7.5	33.48	8.1	25.1	2.50
F30	18 Aug 2020	33	13.28	90.41	7.5	33.48	8.1	25.2	2.64
F30	18 Aug 2020	34	13.13	90.43	7.3	33.49	8.1	25.2	2.56
F30	18 Aug 2020	35	12.78	90.85	7.2	33.47	8.1	25.2	2.33
F30	18 Aug 2020	36	12.63	91.52	7.0	33.49	8.1	25.3	2.04
F30	18 Aug 2020	37	12.36	92.01	6.9	33.48	8.0	25.3	1.66
F30	18 Aug 2020	38	12.36	92.15	6.8	33.48	8.0	25.3	1.48
F30	18 Aug 2020	39	12.31	92.17	6.8	33.48	8.0	25.3	1.46
F30	18 Aug 2020	40	12.29	92.18	6.8	33.48	8.0	25.4	1.49
F30	18 Aug 2020	41	12.30	92.21	6.7	33.48	8.0	25.4	1.41
F30	18 Aug 2020	42	12.28	92.23	6.7	33.48	8.0	25.4	1.40
F30	18 Aug 2020	43	12.24	92.25	6.7	33.48	8.0	25.4	1.38
F30	18 Aug 2020	44	12.22	92.30	6.7	33.48	8.0	25.4	1.35
F30	18 Aug 2020	45	12.17	92.36	6.6	33.49	8.0	25.4	1.31
F30	18 Aug 2020	46	12.07	92.40	6.6	33.49	8.0	25.4	1.30
F30	18 Aug 2020	47	12.07	92.49	6.5	33.49	8.0	25.4	1.26
F30	18 Aug 2020	48	11.91	92.54	6.5	33.50	8.0	25.4	1.19
F30	18 Aug 2020	49	11.91	92.64	6.4	33.50	8.0	25.4	1.16
F30	18 Aug 2020	50	11.83	92.69	6.4	33.50	8.0	25.5	1.11
F30	18 Aug 2020	51	11.81	92.73	6.4	33.50	8.0	25.5	1.09
F30	18 Aug 2020	52	11.79	92.74	6.4	33.50	8.0	25.5	1.06
F30	18 Aug 2020	53	11.76	92.77	6.3	33.51	8.0	25.5	1.06

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F30	18 Aug 2020	54	11.69	92.83	6.3	33.51	8.0	25.5	1.05
F30	18 Aug 2020	55	11.63	92.86	6.2	33.52	8.0	25.5	0.98
F30	18 Aug 2020	56	11.51	92.84	6.1	33.54	8.0	25.5	0.94
F30	18 Aug 2020	57	11.48	92.91	6.0	33.54	8.0	25.6	0.90
F30	18 Aug 2020	58	11.44	92.95	6.0	33.55	7.9	25.6	0.88
F30	18 Aug 2020	59	11.41	92.96	6.0	33.55	7.9	25.6	0.85
F30	18 Aug 2020	60	11.34	93.00	5.9	33.56	7.9	25.6	0.81
F30	18 Aug 2020	61	11.31	92.99	5.8	33.57	7.9	25.6	0.78
F30	18 Aug 2020	62	11.26	93.00	5.7	33.59	7.9	25.6	0.75
F30	18 Aug 2020	63	11.22	93.00	5.7	33.60	7.9	25.6	0.72
F30	18 Aug 2020	64	11.18	92.99	5.6	33.61	7.9	25.7	0.71
F30	18 Aug 2020	65	11.13	92.98	5.5	33.62	7.9	25.7	0.68
F30	18 Aug 2020	66	11.09	93.01	5.5	33.62	7.9	25.7	0.66
F30	18 Aug 2020	67	10.96	93.07	5.4	33.64	7.9	25.7	0.60
F30	18 Aug 2020	68	10.90	93.17	5.4	33.64	7.9	25.7	0.55
F30	18 Aug 2020	69	10.88	93.20	5.4	33.64	7.9	25.7	0.52
F30	18 Aug 2020	70	10.88	93.21	5.4	33.64	7.9	25.7	0.52
F30	18 Aug 2020	71	10.86	93.15	5.4	33.64	7.9	25.7	0.50
F30	18 Aug 2020	72	10.86	91.75	5.3	33.64	7.9	25.7	0.48
F30	18 Aug 2020	73	10.81	91.07	4.9	33.66	7.8	25.8	0.43
F30	18 Aug 2020	74	10.79	90.70	4.7	33.66	7.8	25.8	0.39
F30	18 Aug 2020	75	10.79	90.88	4.6	33.66	7.8	25.8	0.36
F30	18 Aug 2020	76	10.79	90.66	4.6	33.66	7.8	25.8	0.35
F30	18 Aug 2020	77	10.78	90.17	4.5	33.67	7.8	25.8	0.34
F30	18 Aug 2020	78	10.77	90.15	4.4	33.67	7.8	25.8	0.32
F30	18 Aug 2020	79	10.77	90.16	4.4	33.67	7.8	25.8	0.32
F30	18 Aug 2020	80	10.77	90.10	4.4	33.67	7.8	25.8	0.32
F30	18 Aug 2020	81	10.76	90.10	4.3	33.68	7.8	25.8	0.31
F30	18 Aug 2020	82	10.76	90.04	4.3	33.68	7.8	25.8	0.31
F30	18 Aug 2020	83	10.76	89.92	4.3	33.68	7.8	25.8	0.31
F30	18 Aug 2020	84	10.76	89.94	4.3	33.68	7.8	25.8	0.31
F30	18 Aug 2020	85	10.76	89.88	4.3	33.68	7.8	25.8	0.30
F30	18 Aug 2020	86	10.76	89.61	4.3	33.68	7.8	25.8	0.30
F30	18 Aug 2020	87	10.76	89.69	4.3	33.68	7.8	25.8	0.35
F30	18 Aug 2020	88	10.76	89.76	4.2	33.68	7.8	25.8	0.31
F30	18 Aug 2020	89	10.75	90.04	4.2	33.69	7.8	25.8	0.30
F30	18 Aug 2020	90	10.75	90.17	4.3	33.69	7.8	25.8	0.30
F30	18 Aug 2020	91	10.75	90.09	4.3	33.70	7.8	25.8	0.31
F30	18 Aug 2020	92	10.74	90.11	4.3	33.70	7.8	25.8	0.30
F30	18 Aug 2020	93	10.74	90.08	4.2	33.70	7.8	25.8	0.31
F30	18 Aug 2020	94	10.74	89.95	4.2	33.70	7.8	25.8	0.30
F30	18 Aug 2020	95	10.74	89.92	4.2	33.72	7.8	25.8	0.31
F30	18 Aug 2020	96	10.72	89.97	4.2	33.74	7.8	25.8	0.31
F30	18 Aug 2020	97	10.72	90.10	4.2	33.75	7.8	25.9	0.32
F30	18 Aug 2020	98	10.72	90.24	4.2	33.74	7.8	25.8	0.31
F31	18 Aug 2020	1	23.08	80.32	7.8	33.74	8.3	23.0	0.77
F31	18 Aug 2020	2	23.02	75.56	7.8	33.75	8.3	23.0	0.79
F31	18 Aug 2020	3	22.15	82.76	7.7	33.78	8.3	23.2	0.70
F31	18 Aug 2020	4	21.81	86.21	7.6	33.75	8.2	23.3	0.59
F31	18 Aug 2020	5	21.16	88.76	7.7	33.74	8.2	23.5	0.52
F31	18 Aug 2020	6	19.81	89.70	7.9	33.68	8.2	23.8	0.48
F31	18 Aug 2020	7	19.13	90.23	8.0	33.59	8.2	23.9	0.44
F31	18 Aug 2020	8	18.90	90.35	7.8	33.58	8.2	24.0	0.42
F31	18 Aug 2020	9	17.67	90.93	8.1	33.45	8.2	24.2	0.38
F31	18 Aug 2020	10	17.48	91.27	8.0	33.45	8.2	24.2	0.38
F31	18 Aug 2020	11	17.12	91.32	8.1	33.42	8.2	24.3	0.38
F31	18 Aug 2020	12	17.06	91.42	8.1	33.42	8.2	24.3	0.38
F31	18 Aug 2020	13	16.66	91.54	8.2	33.40	8.2	24.4	0.37
F31	18 Aug 2020	14	16.64	91.62	8.2	33.40	8.2	24.4	0.37
F31	18 Aug 2020	15	16.23	91.64	8.2	33.39	8.2	24.5	0.38

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F31	18 Aug 2020	16	15.99	91.76	8.1	33.38	8.2	24.5	0.40
F31	18 Aug 2020	17	15.00	91.74	8.2	33.37	8.2	24.7	0.43
F31	18 Aug 2020	18	14.77	91.68	8.3	33.35	8.2	24.7	0.46
F31	18 Aug 2020	19	14.53	91.74	8.3	33.35	8.2	24.8	0.49
F31	18 Aug 2020	20	14.41	91.76	8.3	33.36	8.2	24.8	0.54
F31	18 Aug 2020	21	14.34	91.59	8.2	33.38	8.2	24.9	0.62
F31	18 Aug 2020	22	14.14	91.07	8.2	33.41	8.2	24.9	0.85
F31	18 Aug 2020	23	14.07	91.16	8.2	33.41	8.2	24.9	1.15
F31	18 Aug 2020	24	14.04	90.82	8.2	33.42	8.2	25.0	1.44
F31	18 Aug 2020	25	14.04	90.69	8.1	33.42	8.2	25.0	1.60
F31	18 Aug 2020	26	13.97	90.55	8.1	33.44	8.2	25.0	1.83
F31	18 Aug 2020	27	13.95	90.55	8.0	33.44	8.2	25.0	2.04
F31	18 Aug 2020	28	13.90	90.52	8.0	33.45	8.2	25.0	2.14
F31	18 Aug 2020	29	13.86	90.41	7.9	33.45	8.1	25.0	2.34
F31	18 Aug 2020	30	13.82	90.25	7.9	33.46	8.1	25.0	2.48
F31	18 Aug 2020	31	13.69	90.27	7.8	33.47	8.1	25.1	2.62
F31	18 Aug 2020	32	13.65	90.39	7.7	33.47	8.1	25.1	2.64
F31	18 Aug 2020	33	13.55	90.48	7.6	33.48	8.1	25.1	2.60
F31	18 Aug 2020	34	13.50	90.65	7.6	33.48	8.1	25.1	2.52
F31	18 Aug 2020	35	13.46	90.61	7.5	33.48	8.1	25.1	2.56
F31	18 Aug 2020	36	13.20	90.50	7.4	33.49	8.1	25.2	2.55
F31	18 Aug 2020	37	13.13	90.92	7.3	33.48	8.1	25.2	2.36
F31	18 Aug 2020	38	12.97	91.30	7.3	33.48	8.1	25.2	2.17
F31	18 Aug 2020	39	12.73	91.47	7.1	33.48	8.1	25.3	1.95
F31	18 Aug 2020	40	12.47	91.84	7.0	33.48	8.1	25.3	1.66
F31	18 Aug 2020	41	12.27	92.21	6.8	33.49	8.0	25.4	1.45
F31	18 Aug 2020	42	12.25	92.36	6.7	33.48	8.0	25.4	1.34
F31	18 Aug 2020	43	12.21	92.39	6.6	33.49	8.0	25.4	1.30
F31	18 Aug 2020	44	12.19	92.43	6.6	33.49	8.0	25.4	1.22
F31	18 Aug 2020	45	12.16	92.44	6.6	33.49	8.0	25.4	1.23
F31	18 Aug 2020	46	12.08	92.49	6.5	33.50	8.0	25.4	1.19
F31	18 Aug 2020	47	11.99	92.58	6.5	33.50	8.0	25.4	1.18
F31	18 Aug 2020	48	11.96	92.61	6.4	33.50	8.0	25.4	1.15
F31	18 Aug 2020	49	11.91	92.65	6.4	33.50	8.0	25.4	1.12
F31	18 Aug 2020	50	11.86	92.67	6.4	33.50	8.0	25.5	1.07
F31	18 Aug 2020	51	11.83	92.75	6.4	33.51	8.0	25.5	1.07
F31	18 Aug 2020	52	11.77	92.78	6.3	33.51	8.0	25.5	1.02
F31	18 Aug 2020	53	11.63	92.85	6.2	33.52	8.0	25.5	0.97
F31	18 Aug 2020	54	11.35	92.94	6.1	33.56	8.0	25.6	0.87
F31	18 Aug 2020	55	11.38	93.10	6.0	33.55	8.0	25.6	0.81
F31	18 Aug 2020	56	11.18	93.11	5.9	33.57	7.9	25.6	0.76
F31	18 Aug 2020	57	11.18	93.11	5.9	33.57	7.9	25.6	0.74
F31	18 Aug 2020	58	11.20	93.08	5.8	33.59	7.9	25.6	0.73
F31	18 Aug 2020	59	11.20	92.92	5.6	33.61	7.9	25.7	0.72
F31	18 Aug 2020	60	11.16	92.99	5.6	33.61	7.9	25.7	0.70
F31	18 Aug 2020	61	11.08	93.01	5.6	33.62	7.9	25.7	0.67
F31	18 Aug 2020	62	11.08	93.02	5.6	33.62	7.9	25.7	0.65
F31	18 Aug 2020	63	11.02	93.04	5.5	33.62	7.9	25.7	0.65
F31	18 Aug 2020	64	11.00	93.12	5.6	33.62	7.9	25.7	0.61
F31	18 Aug 2020	65	10.98	93.02	5.5	33.62	7.9	25.7	0.62
F31	18 Aug 2020	66	10.95	93.18	5.6	33.62	7.9	25.7	0.60
F31	18 Aug 2020	67	10.91	93.24	5.6	33.62	7.9	25.7	0.64
F31	18 Aug 2020	68	10.87	93.30	5.6	33.62	7.9	25.7	0.55
F31	18 Aug 2020	69	10.85	93.27	5.6	33.62	7.9	25.7	0.53
F31	18 Aug 2020	70	10.83	93.37	5.6	33.62	7.9	25.7	0.52
F31	18 Aug 2020	71	10.78	93.42	5.5	33.63	7.9	25.7	0.49
F31	18 Aug 2020	72	10.76	93.41	5.5	33.64	7.9	25.8	0.50
F31	18 Aug 2020	73	10.76	93.35	5.4	33.64	7.9	25.8	0.50
F31	18 Aug 2020	74	10.74	93.27	5.4	33.65	7.9	25.8	0.50
F31	18 Aug 2020	75	10.74	93.20	5.3	33.65	7.9	25.8	0.48
F31	18 Aug 2020	76	10.74	93.19	5.3	33.66	7.9	25.8	0.45

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F31	18 Aug 2020	77	10.74	93.12	5.3	33.66	7.9	25.8	0.44
F31	18 Aug 2020	78	10.73	93.10	5.2	33.66	7.9	25.8	0.44
F31	18 Aug 2020	79	10.73	93.17	5.2	33.67	7.9	25.8	0.43
F31	18 Aug 2020	80	10.72	93.04	5.1	33.68	7.9	25.8	0.41
F31	18 Aug 2020	81	10.72	92.75	5.0	33.70	7.8	25.8	0.39
F31	18 Aug 2020	82	10.72	92.45	4.9	33.70	7.8	25.8	0.37
F31	18 Aug 2020	83	10.72	92.34	4.8	33.71	7.8	25.8	0.36
F31	18 Aug 2020	84	10.72	92.16	4.7	33.72	7.8	25.8	0.34
F31	18 Aug 2020	85	10.72	91.92	4.6	33.72	7.8	25.8	0.33
F31	18 Aug 2020	86	10.72	91.94	4.6	33.72	7.8	25.8	0.32
F31	18 Aug 2020	87	10.72	91.90	4.6	33.72	7.8	25.8	0.33
F31	18 Aug 2020	88	10.72	92.04	4.6	33.73	7.8	25.8	0.35
F31	18 Aug 2020	89	10.72	92.43	4.6	33.74	7.8	25.8	0.34
F31	18 Aug 2020	90	10.72	92.63	4.6	33.74	7.8	25.8	0.34
F31	18 Aug 2020	91	10.72	92.58	4.6	33.75	7.8	25.9	0.33
F31	18 Aug 2020	92	10.72	92.52	4.5	33.78	7.8	25.9	0.32
F31	18 Aug 2020	93	10.71	92.20	4.4	33.78	7.8	25.9	0.31
F31	18 Aug 2020	94	10.71	92.06	4.3	33.80	7.8	25.9	0.32
F31	18 Aug 2020	95	10.70	92.13	4.3	33.80	7.8	25.9	0.32
F31	18 Aug 2020	96	10.67	91.95	4.2	33.82	7.8	25.9	0.32
F31	18 Aug 2020	97	10.64	91.19	4.1	33.84	7.8	25.9	0.30
F31	18 Aug 2020	98	10.63	90.85	4.1	33.84	7.8	25.9	0.30
F31	18 Aug 2020	99	10.64	84.61	4.1	33.84	7.8	25.9	0.30
F32	18 Aug 2020	1	22.87	82.25	7.9	33.74	8.3	23.0	0.79
F32	18 Aug 2020	2	22.92	82.39	7.8	33.74	8.3	23.0	0.82
F32	18 Aug 2020	3	22.68	82.63	7.7	33.77	8.3	23.1	0.76
F32	18 Aug 2020	4	21.70	82.90	7.8	33.77	8.3	23.4	0.63
F32	18 Aug 2020	5	21.55	85.51	7.8	33.75	8.3	23.4	0.56
F32	18 Aug 2020	6	21.20	88.41	7.8	33.74	8.3	23.5	0.55
F32	18 Aug 2020	7	20.67	89.49	7.7	33.73	8.3	23.6	0.56
F32	18 Aug 2020	8	19.37	89.68	7.7	33.68	8.2	23.9	0.51
F32	18 Aug 2020	9	17.75	90.07	7.9	33.53	8.2	24.2	0.47
F32	18 Aug 2020	10	17.11	90.73	8.0	33.45	8.2	24.3	0.43
F32	18 Aug 2020	11	16.92	91.23	8.1	33.41	8.2	24.3	0.42
F32	18 Aug 2020	12	16.75	91.36	8.2	33.40	8.2	24.3	0.42
F32	18 Aug 2020	13	16.64	91.46	8.2	33.39	8.2	24.4	0.43
F32	18 Aug 2020	14	16.56	91.53	8.2	33.39	8.2	24.4	0.44
F32	18 Aug 2020	15	16.36	91.64	8.2	33.38	8.2	24.4	0.43
F32	18 Aug 2020	16	16.17	91.75	8.2	33.38	8.2	24.5	0.43
F32	18 Aug 2020	17	16.00	91.85	8.1	33.37	8.2	24.5	0.43
F32	18 Aug 2020	18	15.51	91.46	8.2	33.37	8.2	24.6	0.46
F32	18 Aug 2020	19	14.98	91.69	8.2	33.35	8.2	24.7	0.52
F32	18 Aug 2020	20	14.65	91.72	8.2	33.35	8.2	24.8	0.55
F32	18 Aug 2020	21	14.41	91.70	8.3	33.36	8.2	24.8	0.63
F32	18 Aug 2020	22	14.32	91.70	8.2	33.36	8.2	24.9	0.70
F32	18 Aug 2020	23	14.18	91.53	8.2	33.40	8.2	24.9	0.88
F32	18 Aug 2020	24	14.13	91.12	8.2	33.41	8.2	24.9	1.15
F32	18 Aug 2020	25	14.08	90.96	8.1	33.41	8.2	24.9	1.44
F32	18 Aug 2020	26	14.06	90.82	8.1	33.42	8.2	25.0	1.61
F32	18 Aug 2020	27	14.02	90.76	8.1	33.43	8.2	25.0	1.74
F32	18 Aug 2020	28	13.93	90.72	8.0	33.44	8.2	25.0	1.87
F32	18 Aug 2020	29	13.86	90.63	7.9	33.45	8.2	25.0	1.94
F32	18 Aug 2020	30	13.74	90.56	7.8	33.46	8.2	25.1	2.16
F32	18 Aug 2020	31	13.70	90.62	7.8	33.46	8.1	25.1	2.32
F32	18 Aug 2020	32	13.60	90.73	7.7	33.47	8.1	25.1	2.42
F32	18 Aug 2020	33	13.53	90.86	7.7	33.47	8.1	25.1	2.39
F32	18 Aug 2020	34	13.48	90.88	7.6	33.47	8.1	25.1	2.35
F32	18 Aug 2020	35	13.41	90.88	7.5	33.48	8.1	25.1	2.29
F32	18 Aug 2020	36	13.34	90.84	7.5	33.48	8.1	25.1	2.47
F32	18 Aug 2020	37	13.12	90.75	7.4	33.48	8.1	25.2	2.34

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F32	18 Aug 2020	38	13.02	91.21	7.3	33.48	8.1	25.2	2.14
F32	18 Aug 2020	39	12.90	91.66	7.2	33.48	8.1	25.2	1.92
F32	18 Aug 2020	40	12.61	91.82	7.1	33.48	8.1	25.3	1.76
F32	18 Aug 2020	41	12.57	92.02	7.0	33.48	8.1	25.3	1.61
F32	18 Aug 2020	42	12.32	92.16	6.8	33.49	8.1	25.4	1.51
F32	18 Aug 2020	43	12.29	92.28	6.8	33.49	8.0	25.4	1.40
F32	18 Aug 2020	44	12.26	92.37	6.7	33.49	8.0	25.4	1.29
F32	18 Aug 2020	45	12.16	92.42	6.6	33.49	8.0	25.4	1.27
F32	18 Aug 2020	46	12.16	92.51	6.6	33.49	8.0	25.4	1.25
F32	18 Aug 2020	47	12.09	92.52	6.5	33.50	8.0	25.4	1.20
F32	18 Aug 2020	48	12.01	92.58	6.5	33.50	8.0	25.4	1.14
F32	18 Aug 2020	49	11.97	92.63	6.4	33.51	8.0	25.4	1.07
F32	18 Aug 2020	50	11.90	92.65	6.4	33.51	8.0	25.4	1.05
F32	18 Aug 2020	51	11.89	92.71	6.4	33.51	8.0	25.4	1.06
F32	18 Aug 2020	52	11.83	92.73	6.4	33.51	8.0	25.5	1.03
F32	18 Aug 2020	53	11.76	92.76	6.3	33.51	8.0	25.5	1.02
F32	18 Aug 2020	54	11.72	92.83	6.3	33.51	8.0	25.5	0.97
F32	18 Aug 2020	55	11.56	92.92	6.2	33.53	8.0	25.5	0.91
F32	18 Aug 2020	56	11.43	92.98	6.1	33.54	8.0	25.6	0.85
F32	18 Aug 2020	57	11.36	93.03	6.1	33.55	8.0	25.6	0.80
F32	18 Aug 2020	58	11.32	93.11	6.0	33.55	8.0	25.6	0.79
F32	18 Aug 2020	59	11.31	93.09	5.9	33.56	8.0	25.6	0.77
F32	18 Aug 2020	60	11.32	93.07	5.9	33.56	8.0	25.6	0.77
F32	18 Aug 2020	61	11.34	93.03	5.9	33.57	7.9	25.6	0.79
F32	18 Aug 2020	62	11.26	92.90	5.8	33.59	7.9	25.6	0.75
F32	18 Aug 2020	63	11.07	93.04	5.7	33.60	7.9	25.7	0.68
F32	18 Aug 2020	64	11.02	93.18	5.7	33.60	7.9	25.7	0.65
F32	18 Aug 2020	65	11.00	93.22	5.7	33.60	7.9	25.7	0.63
F32	18 Aug 2020	66	10.96	93.25	5.7	33.60	7.9	25.7	0.61
F32	18 Aug 2020	67	10.90	93.28	5.7	33.61	7.9	25.7	0.59
F32	18 Aug 2020	68	10.83	93.37	5.7	33.62	7.9	25.7	0.55
F32	18 Aug 2020	69	10.80	93.42	5.7	33.62	7.9	25.7	0.54
F32	18 Aug 2020	70	10.79	93.45	5.6	33.61	7.9	25.7	0.53
F32	18 Aug 2020	71	10.78	93.47	5.6	33.61	7.9	25.7	0.50
F32	18 Aug 2020	72	10.77	93.49	5.6	33.62	7.9	25.7	0.49
F32	18 Aug 2020	73	10.75	93.51	5.6	33.62	7.9	25.7	0.50
F32	18 Aug 2020	74	10.75	93.52	5.6	33.62	7.9	25.7	0.49
F32	18 Aug 2020	75	10.69	93.53	5.6	33.63	7.9	25.8	0.46
F32	18 Aug 2020	76	10.67	93.55	5.5	33.64	7.9	25.8	0.44
F32	18 Aug 2020	77	10.66	93.53	5.5	33.65	7.9	25.8	0.45
F32	18 Aug 2020	78	10.65	93.53	5.4	33.67	7.9	25.8	0.42
F32	18 Aug 2020	79	10.70	93.41	5.2	33.70	7.9	25.8	0.40
F32	18 Aug 2020	80	10.72	93.33	5.0	33.72	7.9	25.8	0.40
F32	18 Aug 2020	81	10.73	93.32	5.0	33.72	7.9	25.8	0.39
F32	18 Aug 2020	82	10.75	93.29	4.9	33.72	7.8	25.8	0.40
F32	18 Aug 2020	83	10.75	93.25	4.9	33.73	7.8	25.8	0.39
F32	18 Aug 2020	84	10.75	93.28	4.9	33.73	7.8	25.8	0.38
F32	18 Aug 2020	85	10.75	93.28	4.9	33.73	7.8	25.8	0.39
F32	18 Aug 2020	86	10.74	93.30	4.9	33.73	7.8	25.8	0.38
F32	18 Aug 2020	87	10.74	93.32	4.9	33.73	7.8	25.8	0.38
F32	18 Aug 2020	88	10.74	93.38	4.8	33.74	7.8	25.8	0.37
F32	18 Aug 2020	89	10.75	93.43	4.8	33.75	7.8	25.8	0.35
F32	18 Aug 2020	90	10.75	93.37	4.7	33.77	7.8	25.9	0.33
F32	18 Aug 2020	91	10.75	93.29	4.5	33.79	7.8	25.9	0.34
F32	18 Aug 2020	92	10.74	93.10	4.4	33.79	7.8	25.9	0.33
F32	18 Aug 2020	93	10.72	92.84	4.3	33.80	7.8	25.9	0.32
F32	18 Aug 2020	94	10.72	92.61	4.3	33.80	7.8	25.9	0.32
F32	18 Aug 2020	95	10.71	92.75	4.3	33.81	7.8	25.9	0.31
F32	18 Aug 2020	96	10.70	92.84	4.2	33.82	7.8	25.9	0.31
F32	18 Aug 2020	97	10.66	92.41	4.1	33.84	7.8	25.9	0.30
F32	18 Aug 2020	98	10.64	91.94	4.1	33.85	7.8	25.9	0.29

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F32	18 Aug 2020	99	10.63	91.71	4.0	33.85	7.8	25.9	0.30
F32	18 Aug 2020	100	10.62	91.30	4.0	33.86	7.8	26.0	0.29
F32	18 Aug 2020	101	10.62	91.15	4.0	33.86	7.8	26.0	0.29
F33	18 Aug 2020	1	22.98	82.52	7.8	33.73	8.3	23.0	0.84
F33	18 Aug 2020	2	22.96	82.62	7.8	33.73	8.3	23.0	0.87
F33	18 Aug 2020	3	22.91	82.89	7.9	33.73	8.3	23.0	0.96
F33	18 Aug 2020	4	22.70	82.84	7.7	33.75	8.3	23.1	0.94
F33	18 Aug 2020	5	21.60	84.34	7.8	33.77	8.3	23.4	0.71
F33	18 Aug 2020	6	21.23	88.75	7.8	33.73	8.2	23.5	0.56
F33	18 Aug 2020	7	20.95	89.92	7.9	33.72	8.2	23.5	0.56
F33	18 Aug 2020	8	20.38	89.87	7.9	33.71	8.2	23.7	0.59
F33	18 Aug 2020	9	19.24	89.81	7.9	33.66	8.2	23.9	0.57
F33	18 Aug 2020	10	18.51	90.15	8.0	33.56	8.2	24.0	0.57
F33	18 Aug 2020	11	17.78	90.59	8.0	33.53	8.2	24.2	0.56
F33	18 Aug 2020	12	17.15	90.94	8.2	33.44	8.2	24.3	0.53
F33	18 Aug 2020	13	16.96	91.20	8.2	33.43	8.2	24.3	0.50
F33	18 Aug 2020	14	16.61	91.61	8.2	33.40	8.2	24.4	0.47
F33	18 Aug 2020	15	16.32	91.58	8.2	33.40	8.2	24.4	0.49
F33	18 Aug 2020	16	16.07	91.58	8.3	33.39	8.2	24.5	0.52
F33	18 Aug 2020	17	16.00	91.74	8.3	33.38	8.2	24.5	0.52
F33	18 Aug 2020	18	15.77	91.91	8.2	33.38	8.2	24.6	0.57
F33	18 Aug 2020	19	15.38	91.81	8.2	33.36	8.2	24.6	0.62
F33	18 Aug 2020	20	14.89	91.82	8.3	33.35	8.2	24.7	0.67
F33	18 Aug 2020	21	14.55	91.76	8.3	33.36	8.2	24.8	0.75
F33	18 Aug 2020	22	14.47	91.67	8.3	33.36	8.2	24.8	0.81
F33	18 Aug 2020	23	14.32	91.65	8.2	33.37	8.2	24.9	0.89
F33	18 Aug 2020	24	14.27	91.64	8.2	33.37	8.2	24.9	0.92
F33	18 Aug 2020	25	14.07	91.62	8.1	33.42	8.2	24.9	1.24
F33	18 Aug 2020	26	13.98	91.09	8.1	33.43	8.2	25.0	1.68
F33	18 Aug 2020	27	13.99	90.65	8.1	33.43	8.2	25.0	1.96
F33	18 Aug 2020	28	13.93	90.62	8.0	33.44	8.2	25.0	2.15
F33	18 Aug 2020	29	13.78	90.66	7.9	33.45	8.1	25.0	2.16
F33	18 Aug 2020	30	13.75	90.77	7.8	33.45	8.1	25.0	2.25
F33	18 Aug 2020	31	13.60	90.73	7.7	33.47	8.1	25.1	2.28
F33	18 Aug 2020	32	13.56	90.84	7.7	33.46	8.1	25.1	2.34
F33	18 Aug 2020	33	13.54	90.91	7.6	33.46	8.1	25.1	2.35
F33	18 Aug 2020	34	13.45	90.98	7.6	33.47	8.1	25.1	2.33
F33	18 Aug 2020	35	13.41	91.10	7.5	33.47	8.1	25.1	2.26
F33	18 Aug 2020	36	13.39	91.22	7.5	33.47	8.1	25.1	2.20
F33	18 Aug 2020	37	13.38	91.27	7.5	33.47	8.1	25.1	2.13
F33	18 Aug 2020	38	13.29	91.32	7.5	33.48	8.1	25.2	2.11
F33	18 Aug 2020	39	13.26	91.35	7.4	33.48	8.1	25.2	2.12
F33	18 Aug 2020	40	13.01	91.39	7.3	33.47	8.1	25.2	1.96
F33	18 Aug 2020	41	12.96	91.61	7.2	33.47	8.1	25.2	1.82
F33	18 Aug 2020	42	12.69	91.78	7.1	33.48	8.1	25.3	1.64
F33	18 Aug 2020	43	12.42	92.07	7.0	33.48	8.0	25.3	1.46
F33	18 Aug 2020	44	12.34	92.33	6.8	33.48	8.0	25.3	1.31
F33	18 Aug 2020	45	12.30	92.39	6.8	33.48	8.0	25.4	1.26
F33	18 Aug 2020	46	12.18	92.42	6.7	33.49	8.0	25.4	1.22
F33	18 Aug 2020	47	12.11	92.54	6.6	33.49	8.0	25.4	1.15
F33	18 Aug 2020	48	12.07	92.58	6.6	33.49	8.0	25.4	1.13
F33	18 Aug 2020	49	11.97	92.65	6.5	33.50	8.0	25.4	1.07
F33	18 Aug 2020	50	11.90	92.68	6.4	33.50	8.0	25.4	1.05
F33	18 Aug 2020	51	11.88	92.73	6.4	33.51	8.0	25.4	0.99
F33	18 Aug 2020	52	11.72	92.84	6.3	33.52	8.0	25.5	0.96
F33	18 Aug 2020	53	11.57	92.91	6.3	33.53	8.0	25.5	0.90
F33	18 Aug 2020	54	11.47	92.98	6.2	33.53	8.0	25.5	0.87
F33	18 Aug 2020	55	11.44	93.03	6.1	33.53	8.0	25.6	0.83
F33	18 Aug 2020	56	11.41	93.05	6.1	33.54	8.0	25.6	0.82
F33	18 Aug 2020	57	11.37	93.05	6.0	33.55	8.0	25.6	0.79

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F33	18 Aug 2020	58	11.32	93.03	5.9	33.57	7.9	25.6	0.76
F33	18 Aug 2020	59	11.29	93.02	5.9	33.57	7.9	25.6	0.76
F33	18 Aug 2020	60	11.20	93.04	5.8	33.58	7.9	25.6	0.73
F33	18 Aug 2020	61	11.15	93.11	5.8	33.58	7.9	25.6	0.70
F33	18 Aug 2020	62	11.01	93.14	5.8	33.60	7.9	25.7	0.66
F33	18 Aug 2020	63	10.93	93.29	5.7	33.60	7.9	25.7	0.60
F33	18 Aug 2020	64	10.89	93.34	5.7	33.60	7.9	25.7	0.58
F33	18 Aug 2020	65	10.82	93.40	5.7	33.60	7.9	25.7	0.53
F33	18 Aug 2020	66	10.80	93.47	5.7	33.60	7.9	25.7	0.51
F33	18 Aug 2020	67	10.77	93.48	5.7	33.61	7.9	25.7	0.49
F33	18 Aug 2020	68	10.76	93.49	5.7	33.61	7.9	25.7	0.49
F33	18 Aug 2020	69	10.74	93.54	5.7	33.61	7.9	25.7	0.49
F33	18 Aug 2020	70	10.71	93.55	5.7	33.62	7.9	25.7	0.46
F33	18 Aug 2020	71	10.68	93.55	5.6	33.62	7.9	25.8	0.46
F33	18 Aug 2020	72	10.63	93.58	5.6	33.63	7.9	25.8	0.44
F33	18 Aug 2020	73	10.62	93.61	5.6	33.64	7.9	25.8	0.43
F33	18 Aug 2020	74	10.61	93.55	5.5	33.65	7.9	25.8	0.43
F33	18 Aug 2020	75	10.61	93.53	5.4	33.65	7.9	25.8	0.44
F33	18 Aug 2020	76	10.60	93.57	5.4	33.66	7.9	25.8	0.42
F33	18 Aug 2020	77	10.61	93.57	5.4	33.67	7.9	25.8	0.40
F33	18 Aug 2020	78	10.70	93.50	5.2	33.72	7.9	25.8	0.40
F33	18 Aug 2020	79	10.71	93.35	5.0	33.72	7.8	25.8	0.39
F33	18 Aug 2020	80	10.73	93.32	5.0	33.73	7.8	25.8	0.40
F33	18 Aug 2020	81	10.73	93.29	4.9	33.73	7.8	25.8	0.39
F33	18 Aug 2020	82	10.74	93.29	4.9	33.73	7.8	25.8	0.39
F33	18 Aug 2020	83	10.74	93.29	4.9	33.73	7.8	25.8	0.40
F33	18 Aug 2020	84	10.75	93.29	4.8	33.74	7.8	25.8	0.39
F33	18 Aug 2020	85	10.77	93.28	4.8	33.76	7.8	25.8	0.40
F33	18 Aug 2020	86	10.77	93.28	4.7	33.76	7.8	25.9	0.39
F33	18 Aug 2020	87	10.77	93.32	4.6	33.77	7.8	25.9	0.37
F33	18 Aug 2020	88	10.77	93.33	4.6	33.78	7.8	25.9	0.36
F33	18 Aug 2020	89	10.76	93.33	4.5	33.79	7.8	25.9	0.35
F33	18 Aug 2020	90	10.75	93.36	4.5	33.80	7.8	25.9	0.34
F33	18 Aug 2020	91	10.75	93.18	4.4	33.80	7.8	25.9	0.34
F33	18 Aug 2020	92	10.75	93.15	4.4	33.80	7.8	25.9	0.33
F33	18 Aug 2020	93	10.72	93.34	4.3	33.82	7.8	25.9	0.32
F33	18 Aug 2020	94	10.70	93.23	4.2	33.84	7.8	25.9	0.32
F33	18 Aug 2020	95	10.70	93.25	4.1	33.84	7.8	25.9	0.31
F33	18 Aug 2020	96	10.70	93.21	4.0	33.85	7.8	25.9	0.29
F33	18 Aug 2020	97	10.64	93.11	4.0	33.86	7.8	26.0	0.29
F33	18 Aug 2020	98	10.57	92.51	4.0	33.88	7.8	26.0	0.28
F33	18 Aug 2020	99	10.56	91.85	3.9	33.88	7.8	26.0	0.28
F33	18 Aug 2020	100	10.56	91.60	3.9	33.88	7.8	26.0	0.28
F33	18 Aug 2020	101	10.56	91.56	3.9	33.88	7.8	26.0	0.27
F33	18 Aug 2020	102	10.56	91.58	3.9	33.88	7.8	26.0	0.27
F34	18 Aug 2020	1	22.90	82.82	7.9	33.75	8.3	23.0	0.85
F34	18 Aug 2020	2	22.88	82.82	7.9	33.75	8.3	23.0	0.91
F34	18 Aug 2020	3	22.85	82.66	7.9	33.75	8.3	23.0	0.96
F34	18 Aug 2020	4	22.76	82.75	7.8	33.76	8.3	23.1	1.02
F34	18 Aug 2020	5	22.30	82.60	7.7	33.78	8.3	23.2	1.02
F34	18 Aug 2020	6	21.41	83.47	7.8	33.77	8.3	23.4	0.76
F34	18 Aug 2020	7	20.90	87.73	7.9	33.73	8.2	23.6	0.64
F34	18 Aug 2020	8	20.53	89.81	7.8	33.71	8.2	23.6	0.58
F34	18 Aug 2020	9	19.84	90.24	7.7	33.69	8.2	23.8	0.61
F34	18 Aug 2020	10	18.73	90.19	7.8	33.62	8.2	24.0	0.63
F34	18 Aug 2020	11	17.79	90.32	8.1	33.55	8.2	24.2	0.60
F34	18 Aug 2020	12	17.08	90.56	8.2	33.48	8.2	24.3	0.59
F34	18 Aug 2020	13	16.88	91.00	8.3	33.44	8.2	24.3	0.59
F34	18 Aug 2020	14	16.67	91.19	8.3	33.42	8.2	24.4	0.55
F34	18 Aug 2020	15	16.37	91.33	8.3	33.39	8.2	24.4	0.54

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F34	18 Aug 2020	16	16.30	91.47	8.2	33.38	8.2	24.4	0.54
F34	18 Aug 2020	17	16.24	91.53	8.3	33.39	8.2	24.5	0.56
F34	18 Aug 2020	18	16.19	91.62	8.3	33.39	8.2	24.5	0.55
F34	18 Aug 2020	19	15.99	91.70	8.2	33.39	8.2	24.5	0.60
F34	18 Aug 2020	20	15.83	91.61	8.1	33.38	8.2	24.5	0.67
F34	18 Aug 2020	21	15.54	91.57	8.2	33.38	8.2	24.6	0.71
F34	18 Aug 2020	22	15.13	91.46	8.3	33.36	8.2	24.7	0.72
F34	18 Aug 2020	23	14.66	91.70	8.3	33.35	8.2	24.8	0.72
F34	18 Aug 2020	24	14.47	91.84	8.3	33.35	8.2	24.8	0.72
F34	18 Aug 2020	25	14.43	91.77	8.3	33.35	8.2	24.8	0.77
F34	18 Aug 2020	26	14.39	91.72	8.3	33.36	8.2	24.8	0.79
F34	18 Aug 2020	27	14.38	91.65	8.3	33.37	8.2	24.8	0.84
F34	18 Aug 2020	28	14.24	91.59	8.2	33.39	8.2	24.9	1.09
F34	18 Aug 2020	29	14.13	91.37	8.1	33.41	8.2	24.9	1.40
F34	18 Aug 2020	30	14.01	91.04	8.1	33.43	8.2	25.0	1.82
F34	18 Aug 2020	31	13.92	90.68	8.0	33.44	8.2	25.0	2.09
F34	18 Aug 2020	32	13.85	90.70	8.0	33.44	8.1	25.0	2.33
F34	18 Aug 2020	33	13.83	90.71	7.9	33.45	8.1	25.0	2.40
F34	18 Aug 2020	34	13.58	90.76	7.8	33.47	8.1	25.1	2.30
F34	18 Aug 2020	35	13.43	91.15	7.6	33.48	8.1	25.1	2.15
F34	18 Aug 2020	36	13.27	91.33	7.5	33.47	8.1	25.2	2.06
F34	18 Aug 2020	37	13.15	91.42	7.4	33.46	8.1	25.2	2.00
F34	18 Aug 2020	38	13.00	91.58	7.4	33.46	8.1	25.2	1.87
F34	18 Aug 2020	39	12.84	91.68	7.3	33.45	8.1	25.2	1.79
F34	18 Aug 2020	40	12.79	91.77	7.2	33.45	8.1	25.2	1.62
F34	18 Aug 2020	41	12.60	91.85	7.1	33.47	8.1	25.3	1.52
F34	18 Aug 2020	42	12.52	92.03	7.0	33.46	8.1	25.3	1.45
F34	18 Aug 2020	43	12.48	92.15	7.0	33.47	8.0	25.3	1.38
F34	18 Aug 2020	44	12.31	92.25	6.9	33.48	8.0	25.3	1.33
F34	18 Aug 2020	45	12.21	92.35	6.8	33.48	8.0	25.4	1.23
F34	18 Aug 2020	46	12.18	92.46	6.7	33.48	8.0	25.4	1.18
F34	18 Aug 2020	47	12.11	92.53	6.6	33.49	8.0	25.4	1.11
F34	18 Aug 2020	48	12.06	92.54	6.6	33.49	8.0	25.4	1.08
F34	18 Aug 2020	49	12.00	92.56	6.5	33.50	8.0	25.4	1.06
F34	18 Aug 2020	50	11.97	92.53	6.5	33.49	8.0	25.4	1.07
F34	18 Aug 2020	51	11.95	92.64	6.5	33.50	8.0	25.4	1.05
F34	18 Aug 2020	52	11.91	92.69	6.5	33.50	8.0	25.4	1.04
F34	18 Aug 2020	53	11.81	92.76	6.4	33.51	8.0	25.5	0.99
F34	18 Aug 2020	54	11.71	92.84	6.3	33.51	8.0	25.5	0.97
F34	18 Aug 2020	55	11.65	92.88	6.3	33.52	8.0	25.5	0.92
F34	18 Aug 2020	56	11.59	92.90	6.3	33.52	8.0	25.5	0.89
F34	18 Aug 2020	57	11.52	92.95	6.2	33.52	8.0	25.5	0.84
F34	18 Aug 2020	58	11.43	93.04	6.2	33.53	8.0	25.6	0.81
F34	18 Aug 2020	59	11.37	93.06	6.1	33.54	8.0	25.6	0.78
F34	18 Aug 2020	60	11.20	93.04	6.0	33.56	8.0	25.6	0.73
F34	18 Aug 2020	61	11.17	93.16	6.0	33.56	7.9	25.6	0.70
F34	18 Aug 2020	62	11.09	93.23	5.9	33.58	7.9	25.6	0.65
F34	18 Aug 2020	63	10.95	93.30	5.8	33.59	7.9	25.7	0.60
F34	18 Aug 2020	64	10.84	93.36	5.8	33.60	7.9	25.7	0.58
F34	18 Aug 2020	65	10.80	93.39	5.8	33.60	7.9	25.7	0.53
F34	18 Aug 2020	66	10.78	93.43	5.7	33.61	7.9	25.7	0.52
F34	18 Aug 2020	67	10.77	93.47	5.7	33.61	7.9	25.7	0.50
F34	18 Aug 2020	68	10.76	93.51	5.7	33.61	7.9	25.7	0.47
F34	18 Aug 2020	69	10.75	93.54	5.7	33.62	7.9	25.7	0.48
F34	18 Aug 2020	70	10.73	93.52	5.6	33.62	7.9	25.8	0.47
F34	18 Aug 2020	71	10.68	93.53	5.6	33.63	7.9	25.8	0.46
F34	18 Aug 2020	72	10.60	93.51	5.5	33.66	7.9	25.8	0.44
F34	18 Aug 2020	73	10.60	93.58	5.4	33.67	7.9	25.8	0.40
F34	18 Aug 2020	74	10.63	93.57	5.3	33.69	7.9	25.8	0.41
F34	18 Aug 2020	75	10.65	93.55	5.2	33.70	7.9	25.8	0.40
F34	18 Aug 2020	76	10.67	93.51	5.1	33.72	7.9	25.8	0.40

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F34	18 Aug 2020	77	10.71	93.46	4.9	33.77	7.8	25.9	0.38
F34	18 Aug 2020	78	10.76	93.35	4.6	33.80	7.8	25.9	0.35
F34	18 Aug 2020	79	10.77	93.10	4.4	33.81	7.8	25.9	0.35
F34	18 Aug 2020	80	10.78	93.19	4.3	33.81	7.8	25.9	0.33
F34	18 Aug 2020	81	10.79	93.18	4.2	33.83	7.8	25.9	0.32
F34	18 Aug 2020	82	10.80	93.11	4.1	33.84	7.8	25.9	0.30
F34	18 Aug 2020	83	10.79	93.12	4.0	33.85	7.8	25.9	0.30
F34	18 Aug 2020	84	10.78	93.12	4.0	33.85	7.8	25.9	0.31
F34	18 Aug 2020	85	10.78	93.10	4.0	33.86	7.8	25.9	0.30
F34	18 Aug 2020	86	10.75	93.10	4.0	33.86	7.8	25.9	0.30
F34	18 Aug 2020	87	10.74	93.07	3.9	33.86	7.8	25.9	0.29
F34	18 Aug 2020	88	10.70	93.05	3.9	33.87	7.8	25.9	0.28
F34	18 Aug 2020	89	10.70	93.02	3.9	33.87	7.8	25.9	0.28
F34	18 Aug 2020	90	10.70	93.03	3.9	33.87	7.8	25.9	0.28
F34	18 Aug 2020	91	10.70	93.05	3.9	33.87	7.8	25.9	0.28
F34	18 Aug 2020	92	10.70	93.05	3.9	33.87	7.8	25.9	0.28
F34	18 Aug 2020	93	10.69	93.06	3.9	33.87	7.8	25.9	0.28
F34	18 Aug 2020	94	10.66	93.09	3.9	33.87	7.8	26.0	0.28
F34	18 Aug 2020	95	10.61	93.13	3.9	33.87	7.8	26.0	0.27
F34	18 Aug 2020	96	10.59	93.15	4.0	33.87	7.8	26.0	0.26
F34	18 Aug 2020	97	10.57	93.08	3.9	33.88	7.8	26.0	0.26
F34	18 Aug 2020	98	10.56	93.04	3.9	33.88	7.8	26.0	0.25
F34	18 Aug 2020	99	10.54	93.00	3.9	33.89	7.8	26.0	0.25
F34	18 Aug 2020	100	10.47	92.70	3.9	33.90	7.8	26.0	0.25
F34	18 Aug 2020	101	10.51	91.06	3.8	33.89	7.8	26.0	0.25
F35	18 Aug 2020	1	22.84	83.33	7.9	33.75	8.3	23.0	0.92
F35	18 Aug 2020	2	22.83	83.12	7.9	33.75	8.3	23.0	0.98
F35	18 Aug 2020	3	22.81	83.17	7.8	33.75	8.3	23.0	1.06
F35	18 Aug 2020	4	22.56	82.98	7.8	33.77	8.3	23.1	1.10
F35	18 Aug 2020	5	21.79	84.48	7.8	33.77	8.2	23.3	0.88
F35	18 Aug 2020	6	21.58	88.21	7.9	33.75	8.2	23.4	0.75
F35	18 Aug 2020	7	21.08	89.11	7.9	33.73	8.2	23.5	0.69
F35	18 Aug 2020	8	20.78	89.73	7.9	33.71	8.2	23.6	0.66
F35	18 Aug 2020	9	20.53	90.16	7.8	33.70	8.2	23.6	0.64
F35	18 Aug 2020	10	19.61	90.15	7.7	33.67	8.2	23.9	0.66
F35	18 Aug 2020	11	17.90	90.12	8.0	33.59	8.2	24.2	0.68
F35	18 Aug 2020	12	16.86	90.68	8.3	33.45	8.2	24.4	0.62
F35	18 Aug 2020	13	16.67	91.20	8.3	33.41	8.2	24.4	0.58
F35	18 Aug 2020	14	16.44	91.35	8.3	33.40	8.2	24.4	0.56
F35	18 Aug 2020	15	16.39	91.43	8.3	33.40	8.2	24.4	0.55
F35	18 Aug 2020	16	16.32	91.49	8.3	33.40	8.2	24.4	0.58
F35	18 Aug 2020	17	16.22	91.49	8.2	33.40	8.2	24.5	0.55
F35	18 Aug 2020	18	15.98	91.56	8.3	33.40	8.2	24.5	0.58
F35	18 Aug 2020	19	15.88	91.54	8.2	33.40	8.2	24.5	0.62
F35	18 Aug 2020	20	15.58	91.43	8.3	33.38	8.2	24.6	0.72
F35	18 Aug 2020	21	15.21	91.42	8.2	33.38	8.2	24.7	0.76
F35	18 Aug 2020	22	14.78	91.43	8.3	33.36	8.2	24.8	0.80
F35	18 Aug 2020	23	14.52	91.67	8.3	33.36	8.2	24.8	0.80
F35	18 Aug 2020	24	14.37	91.75	8.3	33.36	8.2	24.8	0.84
F35	18 Aug 2020	25	14.34	91.69	8.3	33.37	8.2	24.9	0.90
F35	18 Aug 2020	26	14.34	91.63	8.2	33.37	8.2	24.9	0.93
F35	18 Aug 2020	27	14.30	91.61	8.3	33.38	8.2	24.9	0.98
F35	18 Aug 2020	28	14.28	91.62	8.2	33.38	8.2	24.9	1.06
F35	18 Aug 2020	29	14.23	91.57	8.2	33.39	8.2	24.9	1.13
F35	18 Aug 2020	30	14.14	91.47	8.2	33.41	8.2	24.9	1.43
F35	18 Aug 2020	31	14.02	91.01	8.1	33.42	8.1	25.0	1.99
F35	18 Aug 2020	32	13.90	90.38	8.0	33.44	8.1	25.0	2.39
F35	18 Aug 2020	33	13.67	90.46	7.8	33.46	8.1	25.1	2.48
F35	18 Aug 2020	34	13.51	90.98	7.6	33.46	8.1	25.1	2.19
F35	18 Aug 2020	35	13.27	91.55	7.5	33.46	8.1	25.1	1.90

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F35	18 Aug 2020	36	12.99	91.78	7.4	33.46	8.1	25.2	1.69
F35	18 Aug 2020	37	12.91	91.94	7.3	33.45	8.1	25.2	1.56
F35	18 Aug 2020	38	12.80	91.93	7.2	33.45	8.1	25.2	1.55
F35	18 Aug 2020	39	12.70	91.99	7.2	33.45	8.1	25.2	1.49
F35	18 Aug 2020	40	12.50	92.07	7.0	33.46	8.0	25.3	1.45
F35	18 Aug 2020	41	12.38	92.24	7.0	33.46	8.0	25.3	1.27
F35	18 Aug 2020	42	12.30	92.34	6.9	33.47	8.0	25.3	1.26
F35	18 Aug 2020	43	12.18	92.37	6.8	33.48	8.0	25.4	1.18
F35	18 Aug 2020	44	12.12	92.46	6.7	33.48	8.0	25.4	1.17
F35	18 Aug 2020	45	12.08	92.51	6.6	33.48	8.0	25.4	1.16
F35	18 Aug 2020	46	12.07	92.54	6.6	33.48	8.0	25.4	1.13
F35	18 Aug 2020	47	12.05	92.56	6.6	33.48	8.0	25.4	1.12
F35	18 Aug 2020	48	12.02	92.60	6.6	33.49	8.0	25.4	1.09
F35	18 Aug 2020	49	11.97	92.60	6.5	33.49	8.0	25.4	1.05
F35	18 Aug 2020	50	11.87	92.70	6.5	33.50	8.0	25.4	1.03
F35	18 Aug 2020	51	11.74	92.80	6.4	33.51	8.0	25.5	0.98
F35	18 Aug 2020	52	11.70	92.89	6.3	33.51	8.0	25.5	0.91
F35	18 Aug 2020	53	11.61	92.96	6.3	33.51	8.0	25.5	0.87
F35	18 Aug 2020	54	11.51	92.99	6.2	33.52	8.0	25.5	0.83
F35	18 Aug 2020	55	11.35	93.00	6.1	33.54	8.0	25.6	0.76
F35	18 Aug 2020	56	11.28	93.11	6.1	33.54	7.9	25.6	0.72
F35	18 Aug 2020	57	11.11	93.13	6.0	33.56	7.9	25.6	0.67
F35	18 Aug 2020	58	11.06	93.30	5.9	33.57	7.9	25.6	0.64
F35	18 Aug 2020	59	11.02	93.35	5.9	33.58	7.9	25.7	0.61
F35	18 Aug 2020	60	11.00	93.35	5.8	33.58	7.9	25.7	0.60
F35	18 Aug 2020	61	11.01	93.39	5.8	33.58	7.9	25.7	0.59
F35	18 Aug 2020	62	10.97	93.42	5.8	33.58	7.9	25.7	0.56
F35	18 Aug 2020	63	10.91	93.41	5.8	33.59	7.9	25.7	0.55
F35	18 Aug 2020	64	10.79	93.45	5.7	33.62	7.9	25.7	0.51
F35	18 Aug 2020	65	10.76	93.49	5.6	33.62	7.9	25.7	0.48
F35	18 Aug 2020	66	10.76	93.52	5.6	33.63	7.9	25.7	0.47
F35	18 Aug 2020	67	10.75	93.52	5.6	33.63	7.9	25.8	0.46
F35	18 Aug 2020	68	10.75	93.53	5.6	33.63	7.9	25.8	0.47
F35	18 Aug 2020	69	10.75	93.53	5.6	33.63	7.9	25.8	0.46
F35	18 Aug 2020	70	10.75	93.51	5.5	33.64	7.9	25.8	0.45
F35	18 Aug 2020	71	10.75	93.52	5.5	33.64	7.9	25.8	0.51
F35	18 Aug 2020	72	10.75	93.54	5.5	33.64	7.9	25.8	0.46
F35	18 Aug 2020	73	10.74	93.54	5.5	33.64	7.9	25.8	0.44
F35	18 Aug 2020	74	10.72	93.55	5.5	33.64	7.9	25.8	0.43
F35	18 Aug 2020	75	10.85	93.57	5.1	33.75	7.9	25.8	0.40
F35	18 Aug 2020	76	10.93	93.33	4.4	33.83	7.8	25.9	0.37
F35	18 Aug 2020	77	10.93	93.10	4.1	33.84	7.8	25.9	0.34
F35	18 Aug 2020	78	10.92	93.07	4.0	33.85	7.8	25.9	0.33
F35	18 Aug 2020	79	10.92	93.05	4.0	33.85	7.8	25.9	0.32
F35	18 Aug 2020	80	10.92	93.06	3.9	33.85	7.8	25.9	0.31
F35	18 Aug 2020	81	10.91	93.02	3.9	33.85	7.8	25.9	0.31
F35	18 Aug 2020	82	10.91	93.04	3.9	33.85	7.8	25.9	0.33
F35	18 Aug 2020	83	10.90	93.01	3.8	33.85	7.8	25.9	0.32
F35	18 Aug 2020	84	10.90	93.04	3.8	33.85	7.8	25.9	0.31
F35	18 Aug 2020	85	10.90	93.02	3.8	33.86	7.8	25.9	0.31
F35	18 Aug 2020	86	10.86	93.02	3.8	33.86	7.8	25.9	0.31
F35	18 Aug 2020	87	10.74	93.04	3.8	33.87	7.8	25.9	0.29
F35	18 Aug 2020	88	10.71	93.02	3.8	33.87	7.8	25.9	0.28
F35	18 Aug 2020	89	10.70	93.03	3.8	33.87	7.8	26.0	0.28
F35	18 Aug 2020	90	10.70	93.01	3.8	33.88	7.8	26.0	0.27
F35	18 Aug 2020	91	10.67	93.04	3.8	33.87	7.8	26.0	0.27
F35	18 Aug 2020	92	10.64	93.08	3.9	33.87	7.8	26.0	0.27
F35	18 Aug 2020	93	10.62	93.20	3.9	33.87	7.8	26.0	0.27
F35	18 Aug 2020	94	10.60	93.21	3.9	33.87	7.8	26.0	0.26
F35	18 Aug 2020	95	10.61	93.22	3.8	33.89	7.8	26.0	0.25
F35	18 Aug 2020	96	10.60	93.14	3.8	33.90	7.7	26.0	0.26

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F35	18 Aug 2020	97	10.58	93.13	3.8	33.89	7.7	26.0	0.25
F35	18 Aug 2020	98	10.53	93.05	3.8	33.90	7.7	26.0	0.25
F35	18 Aug 2020	99	10.51	92.63	3.8	33.89	7.7	26.0	0.24
F35	18 Aug 2020	100	10.50	92.41	3.8	33.90	7.7	26.0	0.24
F36	18 Aug 2020	1	22.71	84.00	7.8	33.73	8.2	23.1	0.92
F36	18 Aug 2020	2	22.70	83.52	7.8	33.73	8.2	23.1	0.97
F36	18 Aug 2020	3	22.67	83.47	7.8	33.74	8.2	23.1	1.05
F36	18 Aug 2020	4	22.55	83.77	7.8	33.75	8.2	23.1	1.15
F36	18 Aug 2020	5	22.17	83.82	7.7	33.77	8.2	23.2	1.08
F36	18 Aug 2020	6	21.75	85.49	7.8	33.76	8.2	23.3	0.88
F36	18 Aug 2020	7	21.60	87.84	7.9	33.75	8.2	23.4	0.76
F36	18 Aug 2020	8	20.97	89.20	7.9	33.73	8.2	23.5	0.68
F36	18 Aug 2020	9	20.55	89.44	7.9	33.71	8.2	23.6	0.70
F36	18 Aug 2020	10	20.13	89.56	7.8	33.67	8.2	23.7	0.73
F36	18 Aug 2020	11	18.14	89.63	7.9	33.63	8.2	24.2	0.70
F36	18 Aug 2020	12	16.78	90.40	8.2	33.48	8.2	24.4	0.63
F36	18 Aug 2020	13	16.53	91.02	8.3	33.42	8.2	24.4	0.61
F36	18 Aug 2020	14	16.35	91.17	8.3	33.41	8.2	24.4	0.57
F36	18 Aug 2020	15	16.18	91.29	8.3	33.40	8.2	24.5	0.60
F36	18 Aug 2020	16	15.91	91.25	8.2	33.38	8.2	24.5	0.64
F36	18 Aug 2020	17	15.69	91.36	8.2	33.38	8.2	24.6	0.71
F36	18 Aug 2020	18	15.49	91.43	8.2	33.38	8.2	24.6	0.69
F36	18 Aug 2020	19	15.22	91.41	8.3	33.36	8.2	24.7	0.76
F36	18 Aug 2020	20	14.84	91.43	8.4	33.34	8.2	24.7	0.76
F36	18 Aug 2020	21	14.75	91.45	8.4	33.34	8.2	24.7	0.76
F36	18 Aug 2020	22	14.65	91.53	8.3	33.34	8.2	24.8	0.75
F36	18 Aug 2020	23	14.54	91.56	8.3	33.34	8.2	24.8	0.73
F36	18 Aug 2020	24	14.49	91.62	8.3	33.34	8.2	24.8	0.78
F36	18 Aug 2020	25	14.21	91.43	8.2	33.38	8.2	24.9	1.07
F36	18 Aug 2020	26	14.01	90.94	8.1	33.41	8.1	25.0	1.68
F36	18 Aug 2020	27	13.84	90.54	8.0	33.44	8.1	25.0	2.12
F36	18 Aug 2020	28	13.74	90.56	7.9	33.45	8.1	25.0	2.21
F36	18 Aug 2020	29	13.67	90.94	7.8	33.45	8.1	25.1	2.13
F36	18 Aug 2020	30	13.58	91.10	7.7	33.45	8.1	25.1	1.99
F36	18 Aug 2020	31	13.51	91.26	7.7	33.45	8.1	25.1	1.86
F36	18 Aug 2020	32	13.44	91.46	7.6	33.46	8.1	25.1	1.74
F36	18 Aug 2020	33	13.32	91.66	7.5	33.47	8.1	25.1	1.66
F36	18 Aug 2020	34	13.10	91.83	7.4	33.47	8.1	25.2	1.55
F36	18 Aug 2020	35	12.91	91.95	7.3	33.45	8.1	25.2	1.49
F36	18 Aug 2020	36	12.69	91.95	7.2	33.45	8.1	25.3	1.43
F36	18 Aug 2020	37	12.61	92.11	7.1	33.45	8.0	25.3	1.36
F36	18 Aug 2020	38	12.51	92.21	7.0	33.46	8.0	25.3	1.29
F36	18 Aug 2020	39	12.45	92.24	7.0	33.46	8.0	25.3	1.22
F36	18 Aug 2020	40	12.40	92.26	6.9	33.46	8.0	25.3	1.20
F36	18 Aug 2020	41	12.37	92.35	6.9	33.46	8.0	25.3	1.15
F36	18 Aug 2020	42	12.35	92.38	6.9	33.46	8.0	25.3	1.11
F36	18 Aug 2020	43	12.35	92.42	6.8	33.46	8.0	25.3	1.11
F36	18 Aug 2020	44	12.33	92.40	6.8	33.47	8.0	25.3	1.11
F36	18 Aug 2020	45	12.16	92.41	6.7	33.48	8.0	25.4	1.05
F36	18 Aug 2020	46	12.03	92.56	6.6	33.49	8.0	25.4	0.99
F36	18 Aug 2020	47	12.00	92.68	6.6	33.49	8.0	25.4	0.96
F36	18 Aug 2020	48	11.95	92.71	6.5	33.49	8.0	25.4	0.93
F36	18 Aug 2020	49	11.86	92.72	6.5	33.50	8.0	25.4	0.91
F36	18 Aug 2020	50	11.76	92.75	6.4	33.50	8.0	25.5	0.87
F36	18 Aug 2020	51	11.70	92.82	6.3	33.51	8.0	25.5	0.83
F36	18 Aug 2020	52	11.70	92.92	6.3	33.50	8.0	25.5	0.83
F36	18 Aug 2020	53	11.64	92.92	6.3	33.51	8.0	25.5	0.80
F36	18 Aug 2020	54	11.44	92.97	6.2	33.53	8.0	25.6	0.75
F36	18 Aug 2020	55	11.38	93.07	6.2	33.53	7.9	25.6	0.71
F36	18 Aug 2020	56	11.37	93.12	6.1	33.53	7.9	25.6	0.70

Station	Date	Depth (m)	Temp (°C)	XMS (‰)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F36	18 Aug 2020	57	11.36	93.11	6.1	33.53	7.9	25.6	0.69
F36	18 Aug 2020	58	11.33	93.13	6.1	33.54	7.9	25.6	0.69
F36	18 Aug 2020	59	11.31	93.17	6.0	33.54	7.9	25.6	0.65
F36	18 Aug 2020	60	11.27	93.19	6.0	33.55	7.9	25.6	0.66
F36	18 Aug 2020	61	11.24	93.22	6.0	33.55	7.9	25.6	0.63
F36	18 Aug 2020	62	11.25	93.25	6.0	33.55	7.9	25.6	0.63
F36	18 Aug 2020	63	11.19	93.28	6.0	33.55	7.9	25.6	0.62
F36	18 Aug 2020	64	11.18	93.29	6.0	33.55	7.9	25.6	0.63
F36	18 Aug 2020	65	11.13	93.31	5.9	33.56	7.9	25.6	0.59
F36	18 Aug 2020	66	10.97	93.32	5.8	33.59	7.9	25.7	0.55
F36	18 Aug 2020	67	10.93	93.42	5.8	33.59	7.9	25.7	0.50
F36	18 Aug 2020	68	10.89	93.44	5.7	33.61	7.9	25.7	0.49
F36	18 Aug 2020	69	10.85	93.41	5.6	33.63	7.9	25.7	0.46
F36	18 Aug 2020	70	10.85	93.43	5.6	33.63	7.9	25.7	0.45
F36	18 Aug 2020	71	10.83	93.45	5.5	33.64	7.9	25.7	0.43
F36	18 Aug 2020	72	10.83	93.43	5.4	33.66	7.9	25.8	0.42
F36	18 Aug 2020	73	10.80	93.42	5.3	33.68	7.9	25.8	0.40
F36	18 Aug 2020	74	10.87	93.45	5.0	33.74	7.8	25.8	0.36
F36	18 Aug 2020	75	10.96	93.34	4.6	33.81	7.8	25.9	0.35
F36	18 Aug 2020	76	10.96	93.14	4.3	33.82	7.8	25.9	0.33
F36	18 Aug 2020	77	10.97	93.06	4.2	33.83	7.8	25.9	0.32
F36	18 Aug 2020	78	10.97	93.03	4.1	33.83	7.8	25.9	0.30
F36	18 Aug 2020	79	10.95	93.04	4.1	33.83	7.8	25.9	0.31
F36	18 Aug 2020	80	10.94	93.05	4.0	33.84	7.8	25.9	0.30
F36	18 Aug 2020	81	10.94	93.01	4.0	33.84	7.8	25.9	0.30
F36	18 Aug 2020	82	10.93	93.00	3.9	33.85	7.8	25.9	0.30
F36	18 Aug 2020	83	10.92	93.01	3.8	33.86	7.8	25.9	0.28
F36	18 Aug 2020	84	10.91	92.99	3.8	33.86	7.7	25.9	0.28
F36	18 Aug 2020	85	10.91	92.99	3.8	33.86	7.7	25.9	0.28
F36	18 Aug 2020	86	10.91	92.99	3.8	33.86	7.7	25.9	0.27
F36	18 Aug 2020	87	10.89	93.01	3.7	33.87	7.7	25.9	0.27
F36	18 Aug 2020	88	10.83	92.98	3.7	33.88	7.7	25.9	0.26
F36	18 Aug 2020	89	10.77	93.02	3.7	33.88	7.7	25.9	0.25
F36	18 Aug 2020	90	10.73	93.02	3.7	33.88	7.7	26.0	0.24
F36	18 Aug 2020	91	10.71	93.02	3.7	33.88	7.7	26.0	0.24
F36	18 Aug 2020	92	10.66	92.99	3.7	33.89	7.7	26.0	0.25
F36	18 Aug 2020	93	10.66	92.99	3.7	33.89	7.7	26.0	0.23
F36	18 Aug 2020	94	10.61	93.03	3.7	33.90	7.7	26.0	0.22
F36	18 Aug 2020	95	10.55	93.04	3.8	33.90	7.7	26.0	0.22
F36	18 Aug 2020	96	10.54	92.96	3.8	33.90	7.7	26.0	0.22
F36	18 Aug 2020	97	10.50	92.94	3.8	33.90	7.7	26.0	0.23
F36	18 Aug 2020	98	10.48	92.74	3.8	33.90	7.7	26.0	0.22
F36	18 Aug 2020	99	10.51	92.65	3.8	33.89	7.7	26.0	0.21

NA = not available

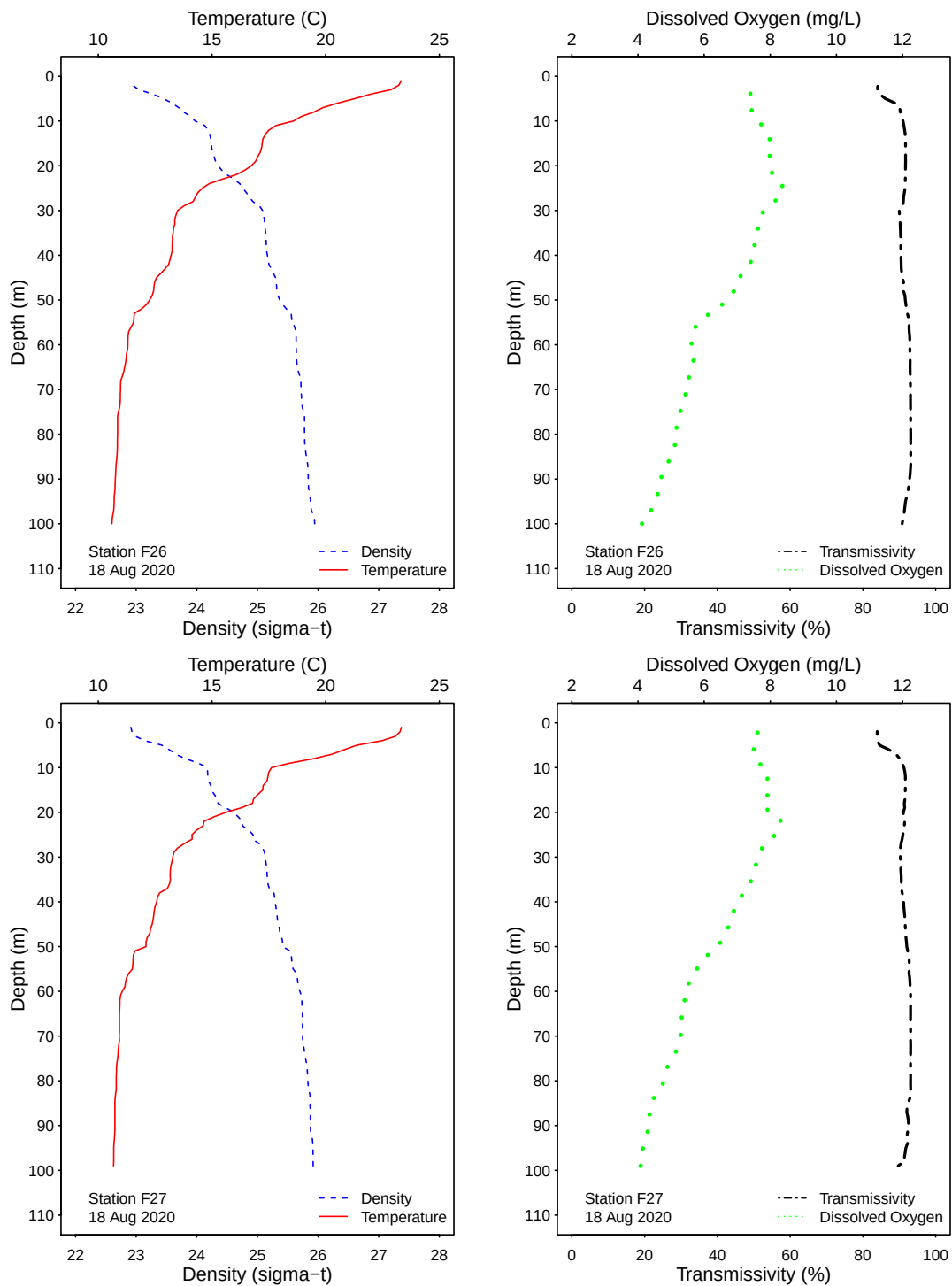


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

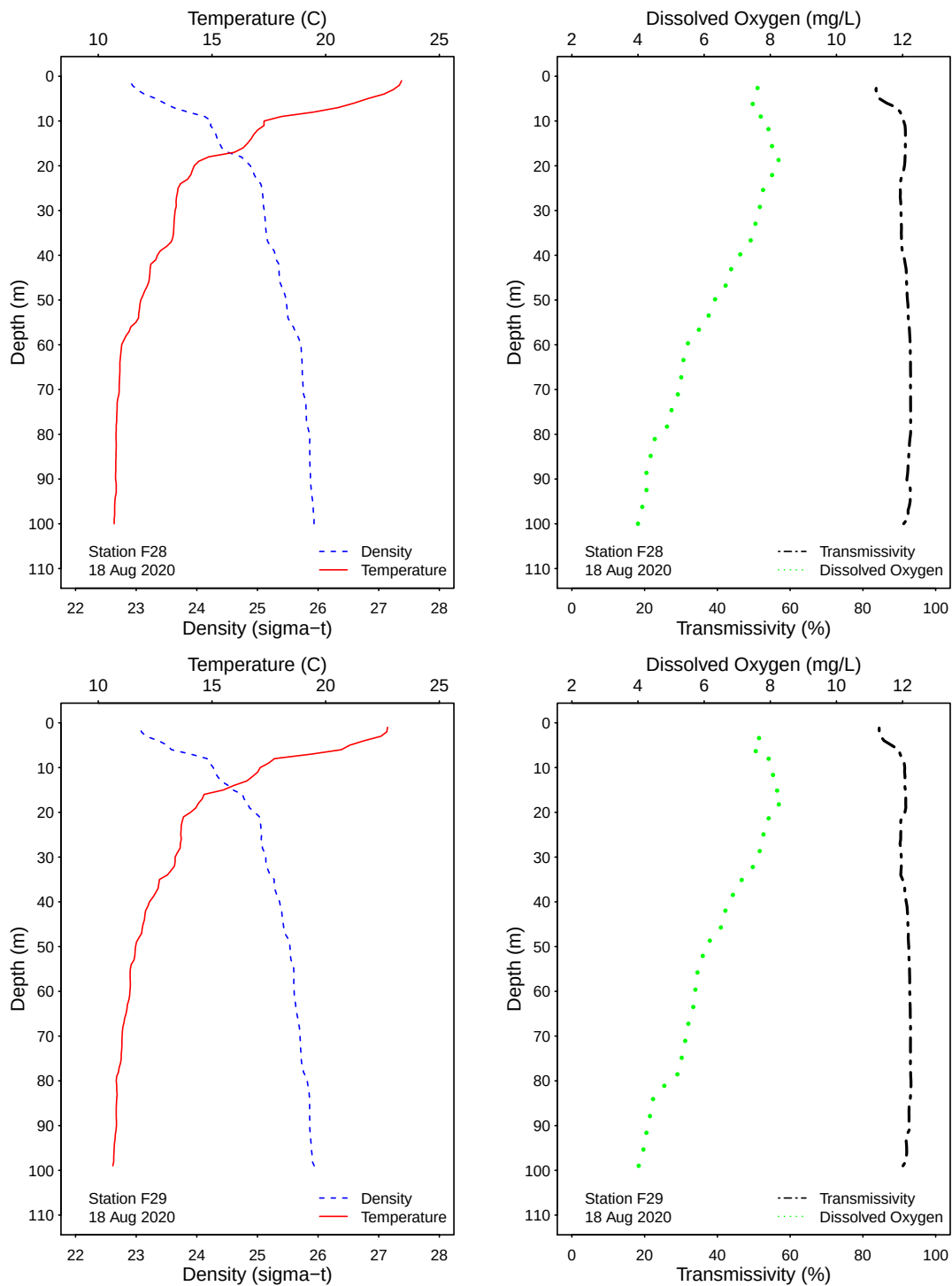


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

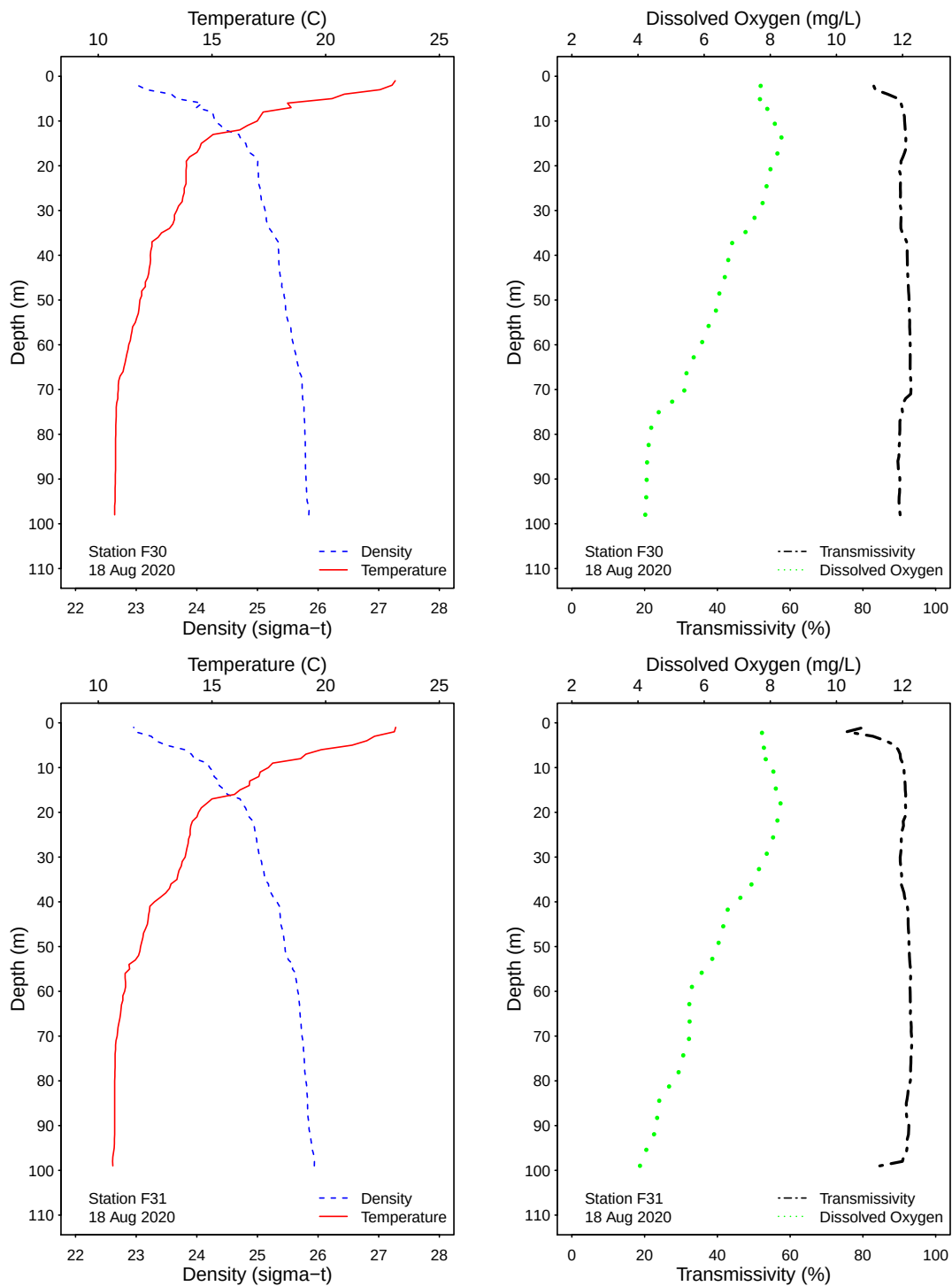


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

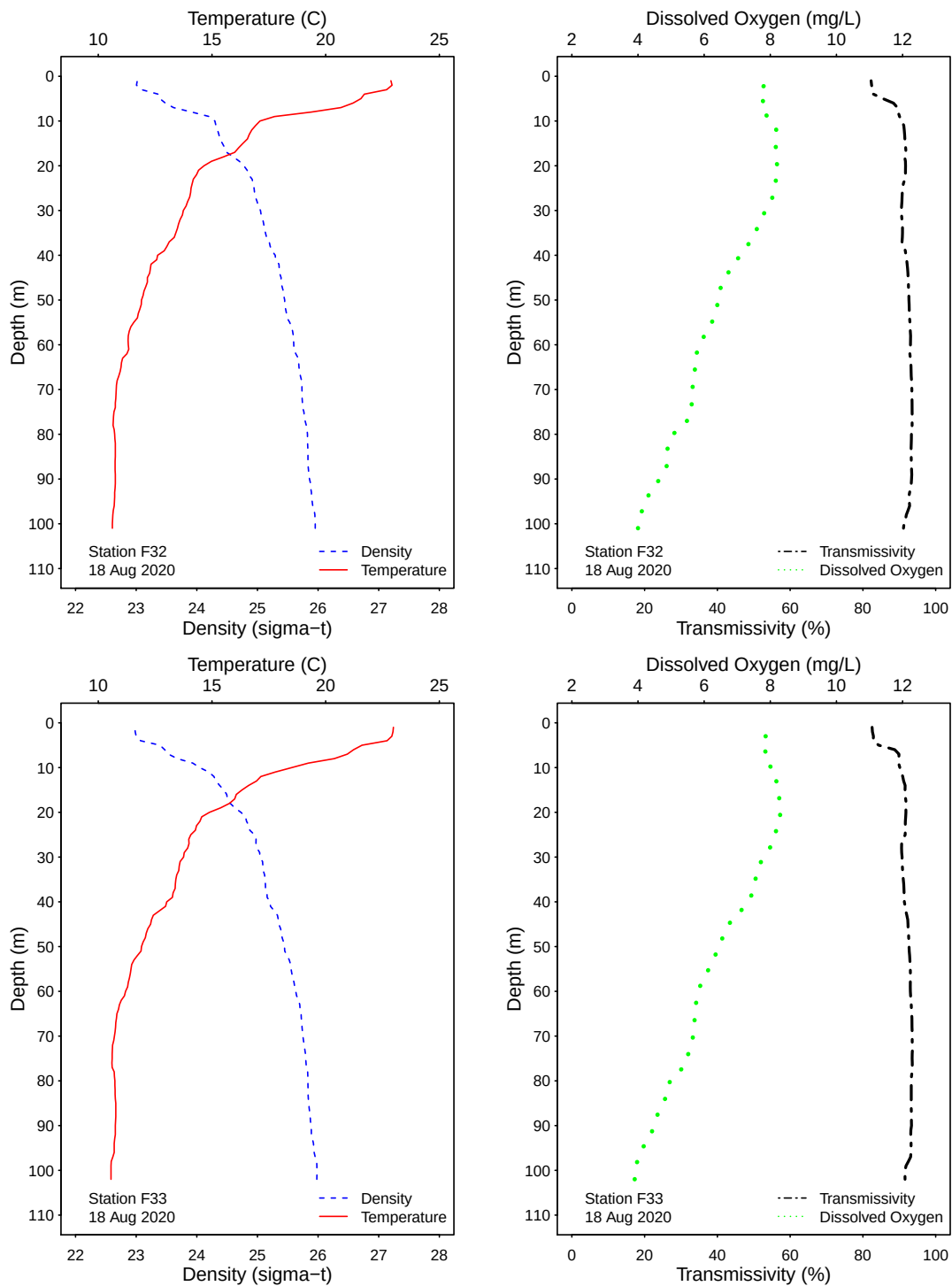


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

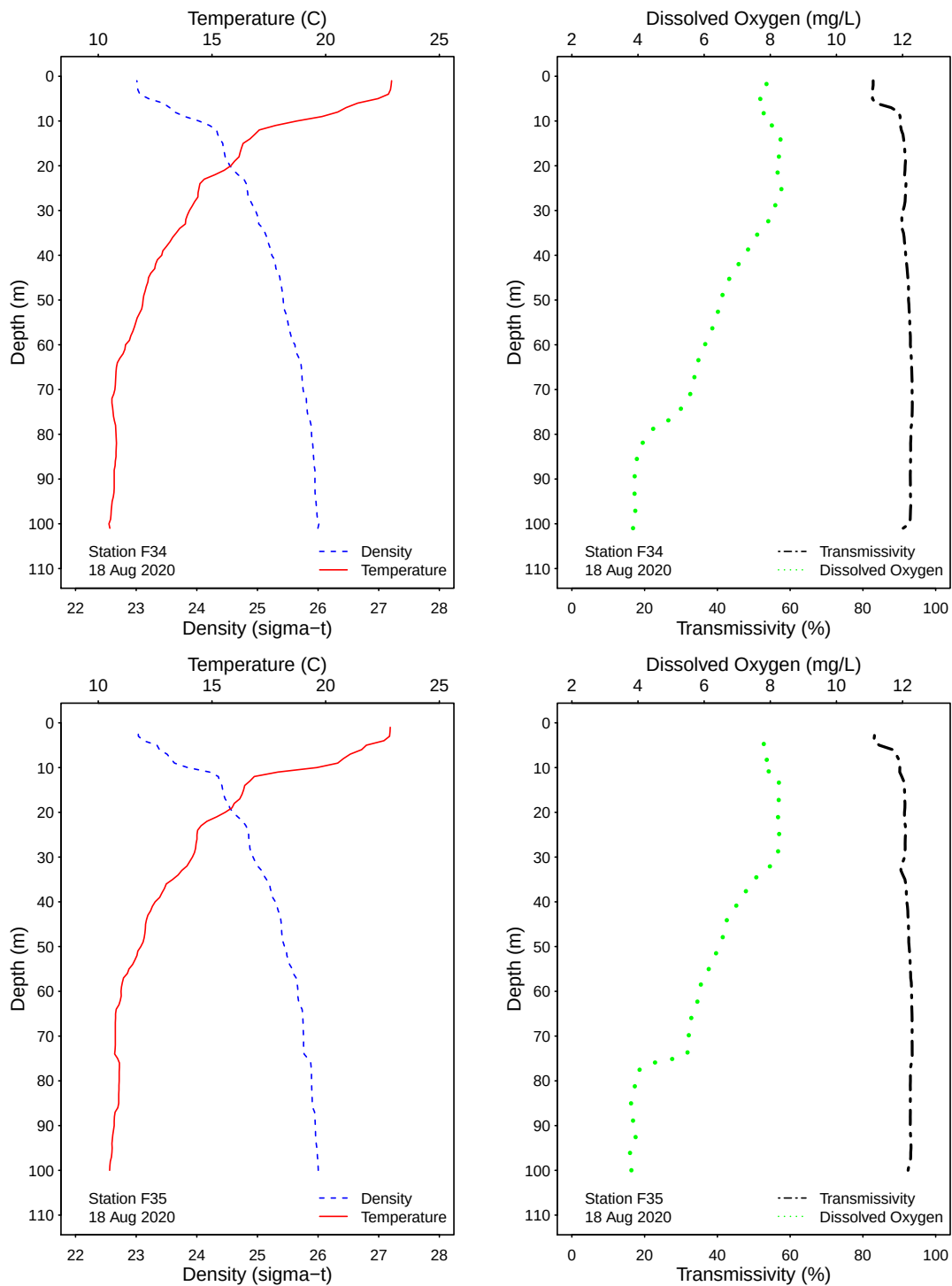


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

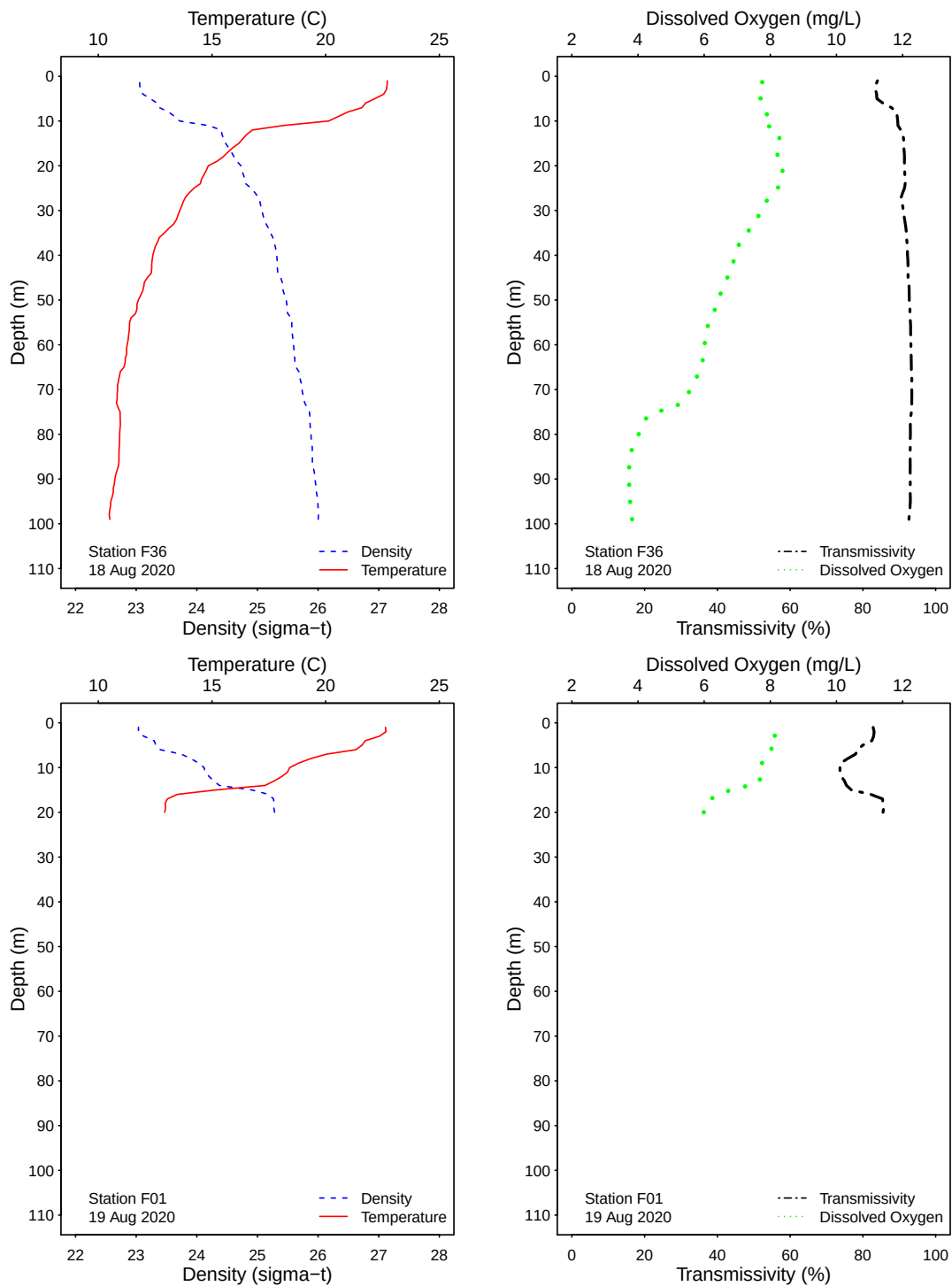


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

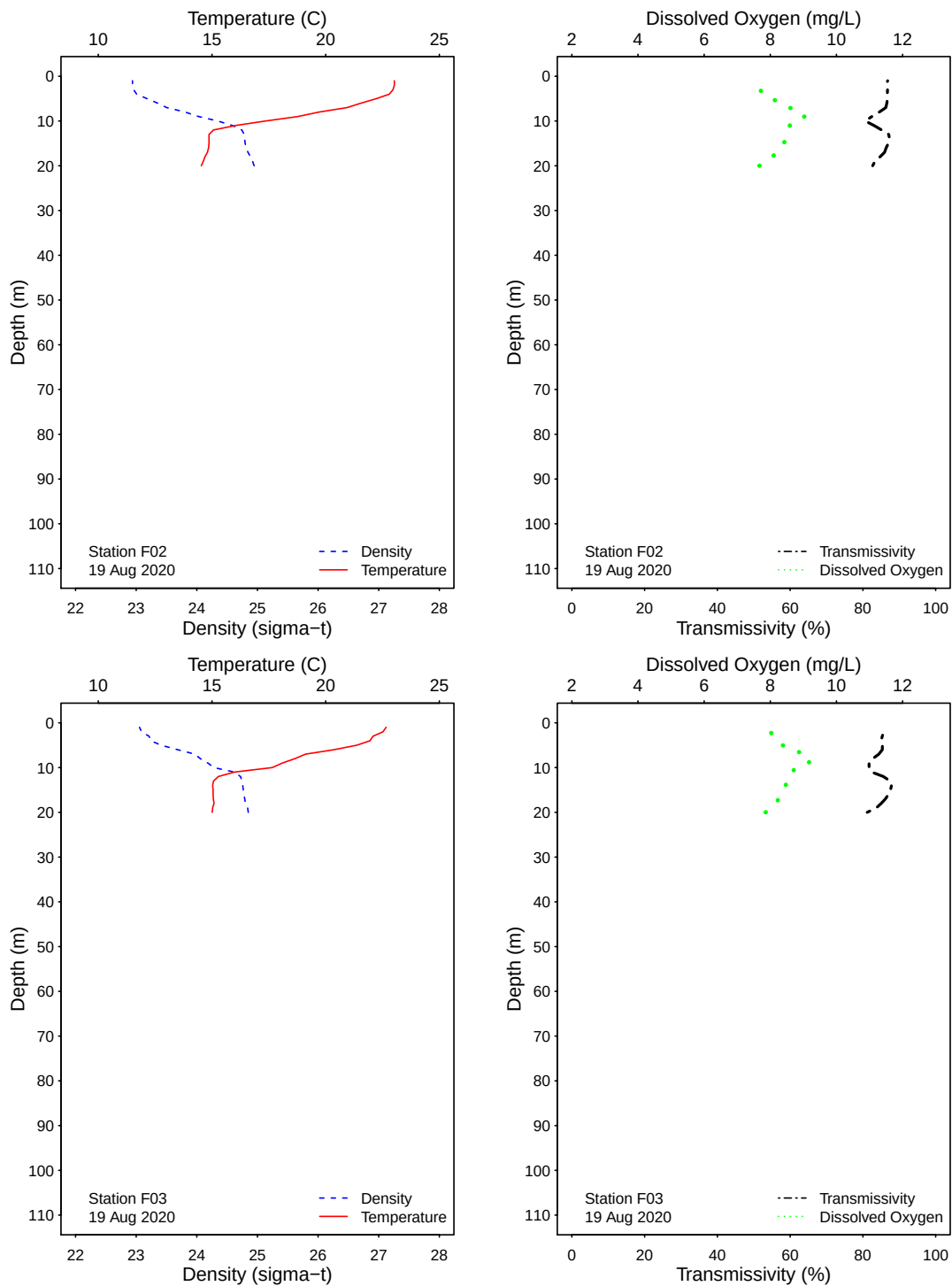


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

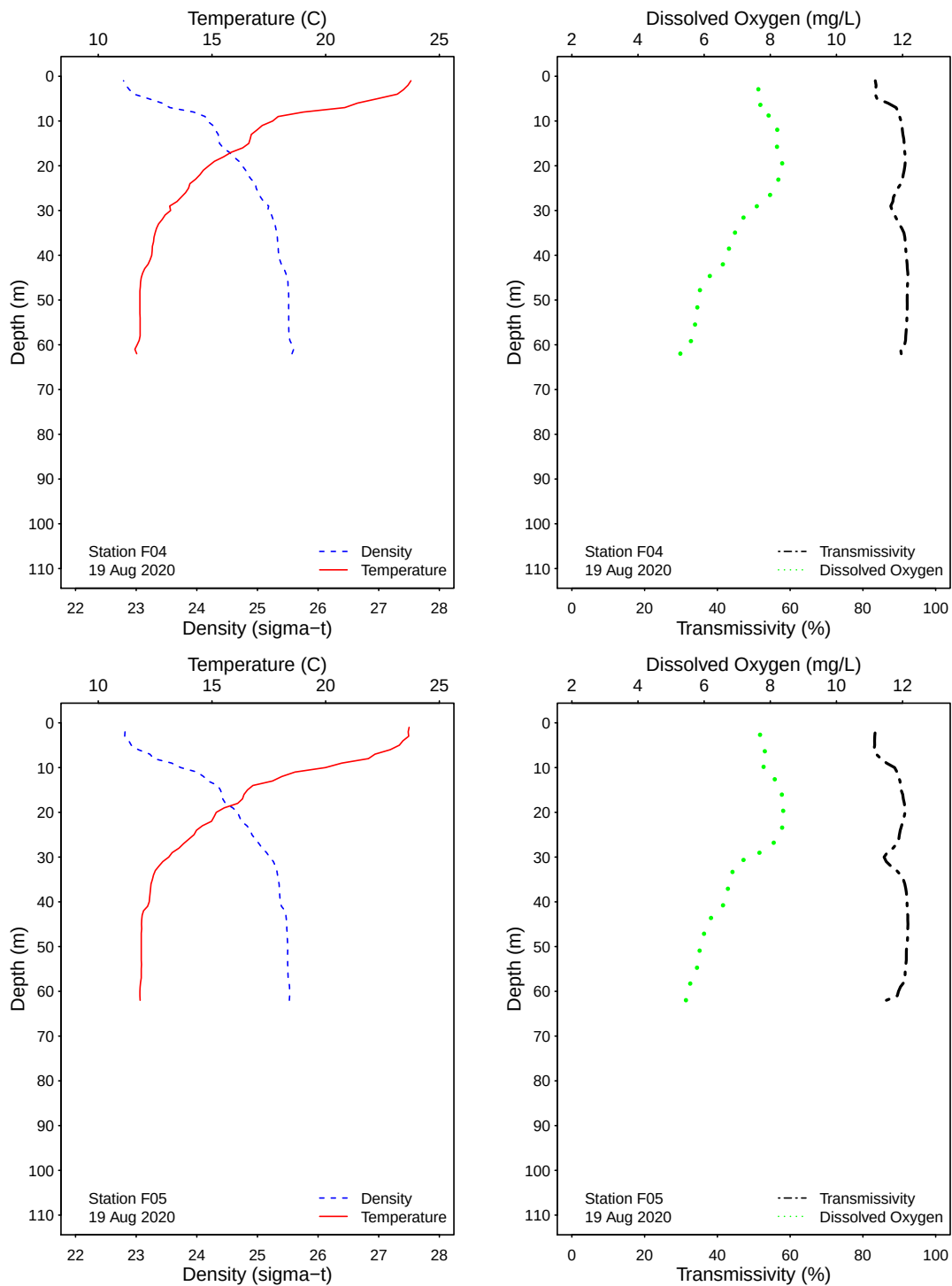


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

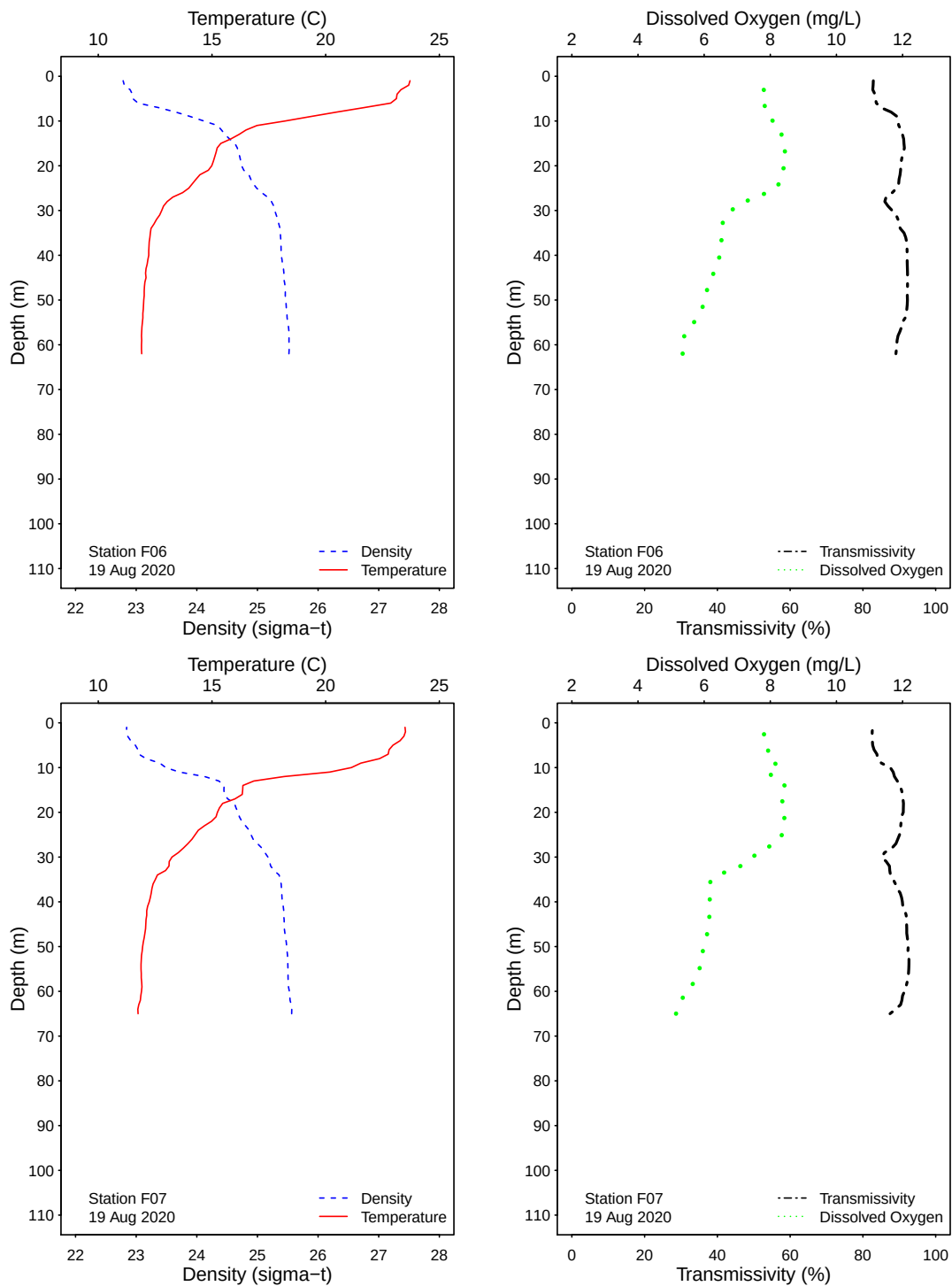


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

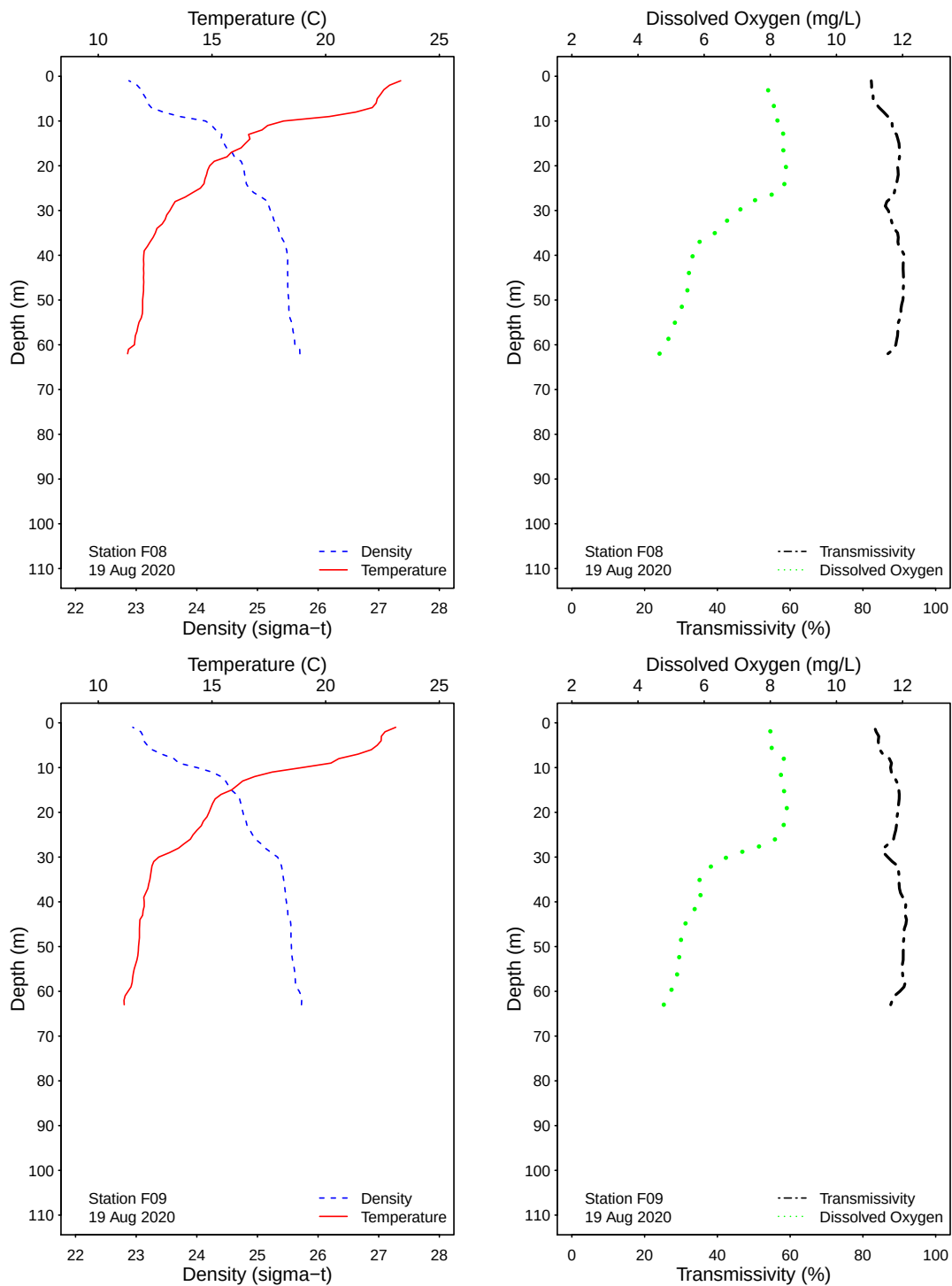


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

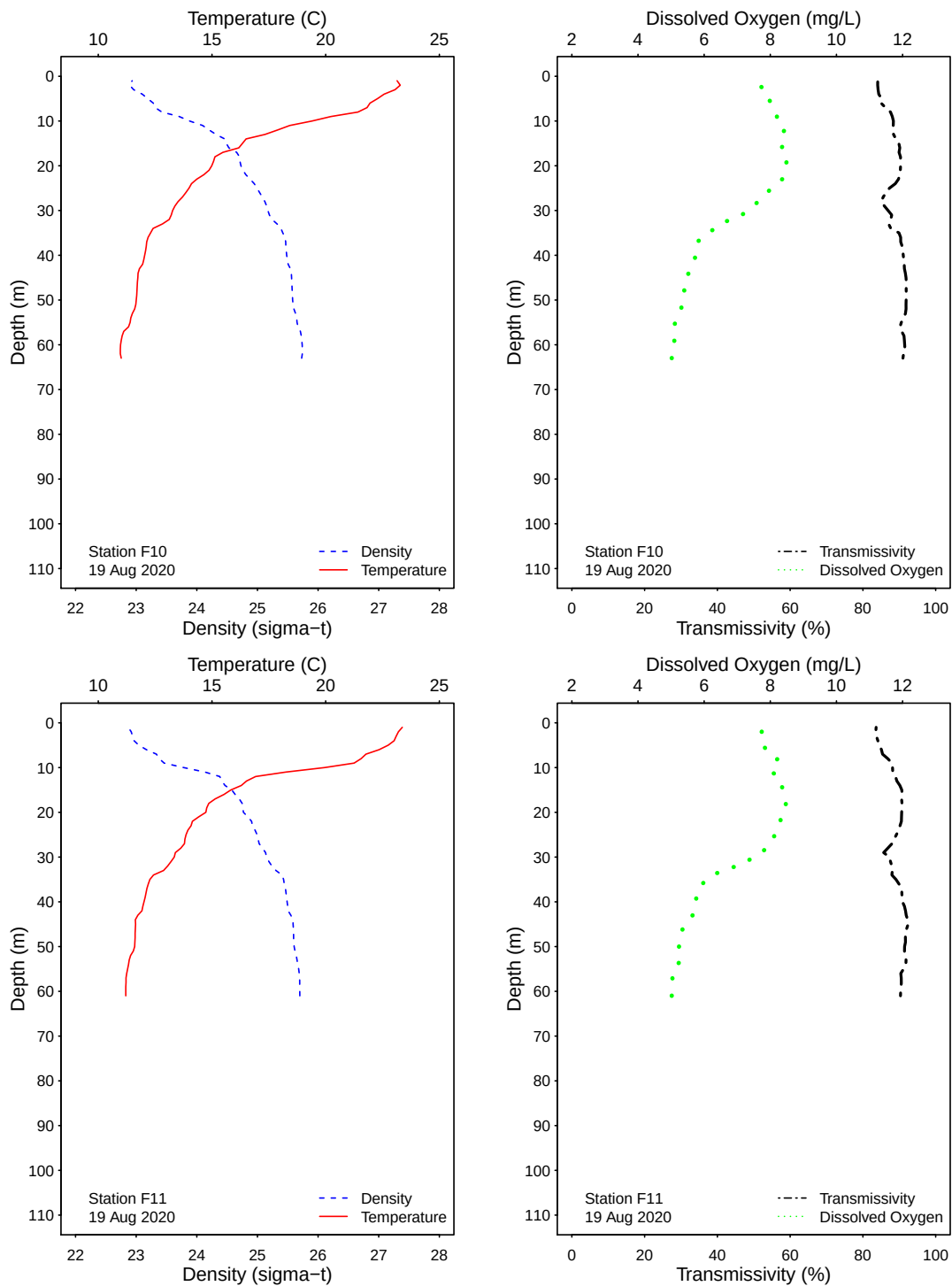


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

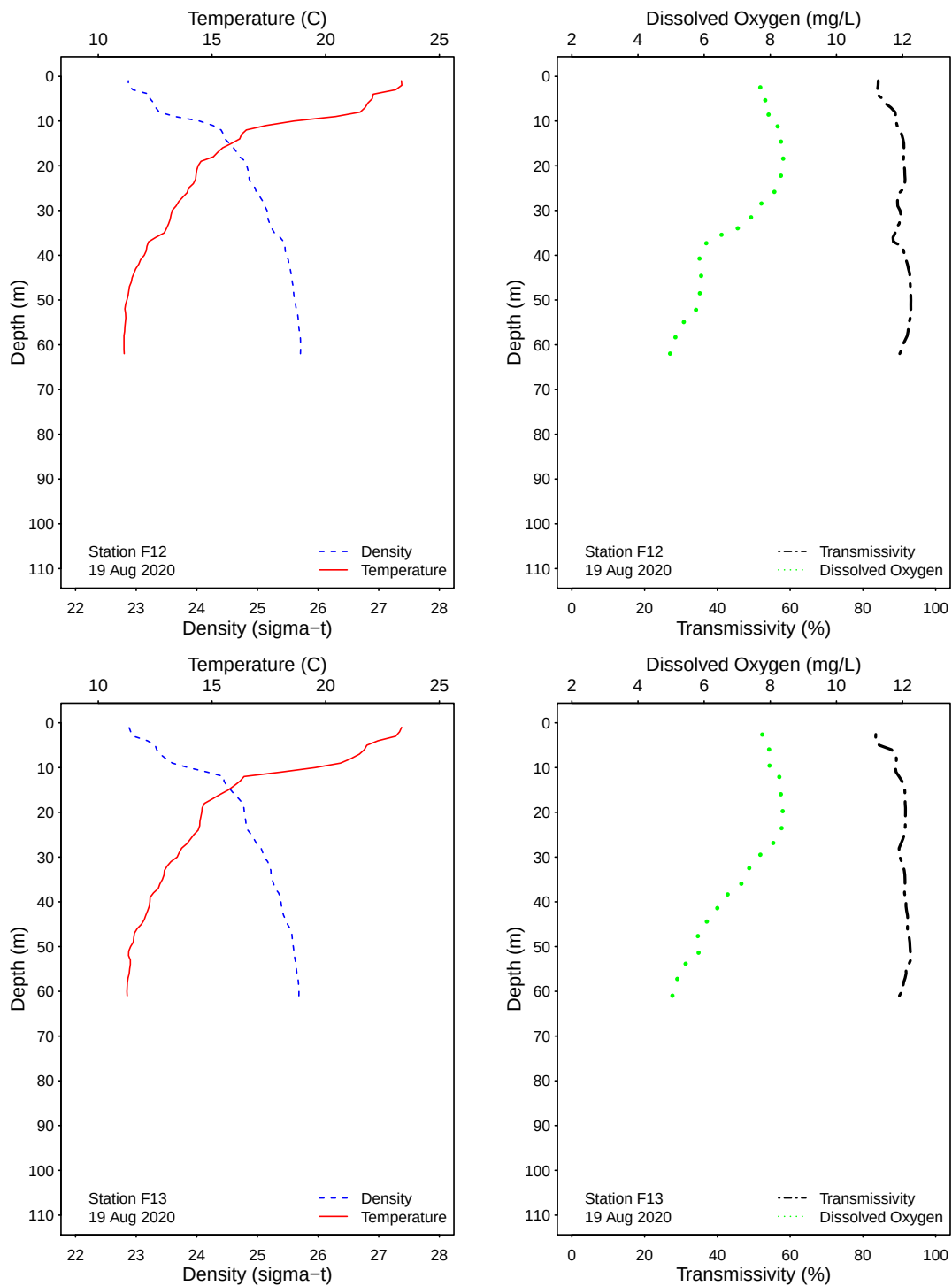


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

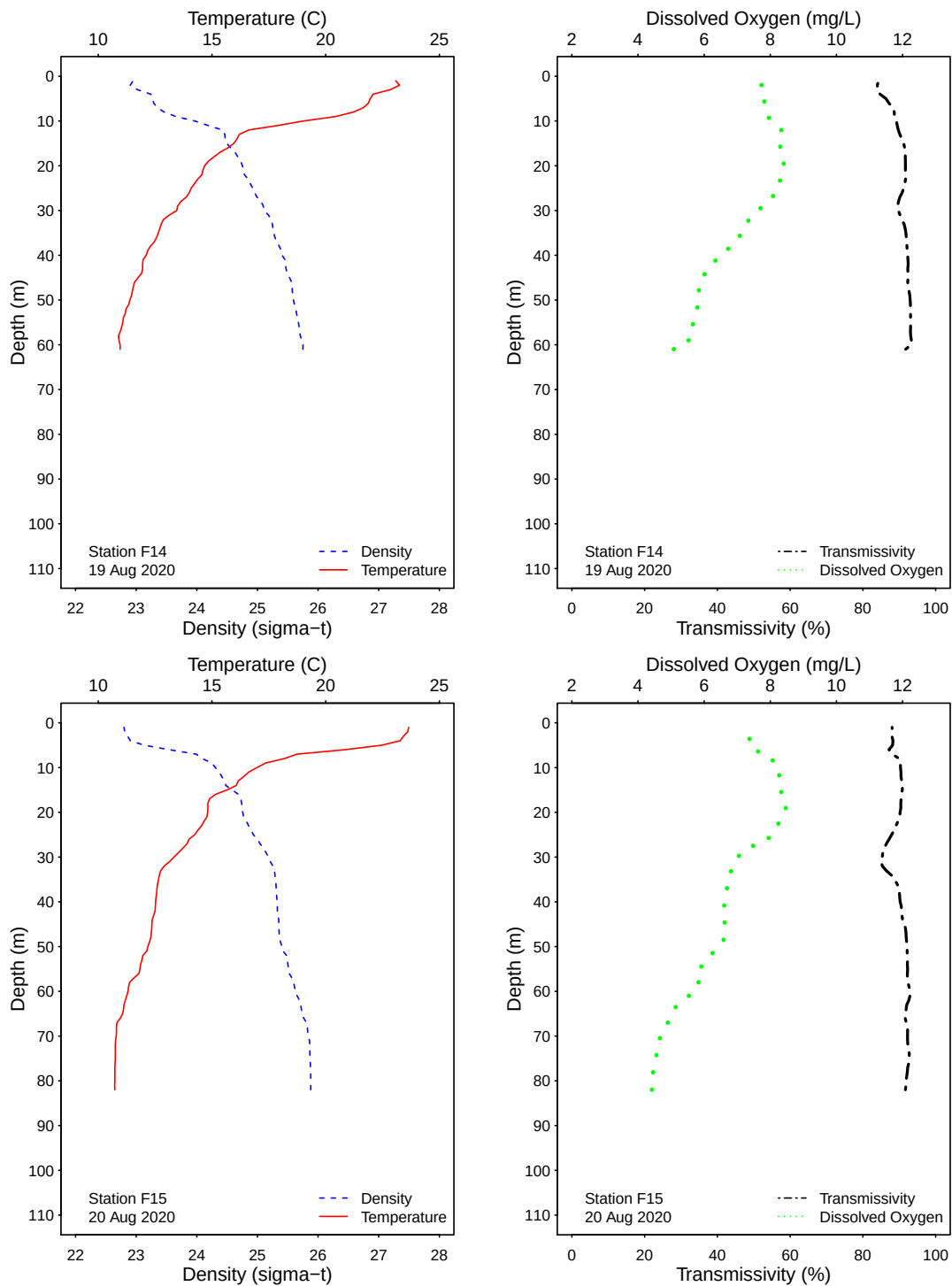


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

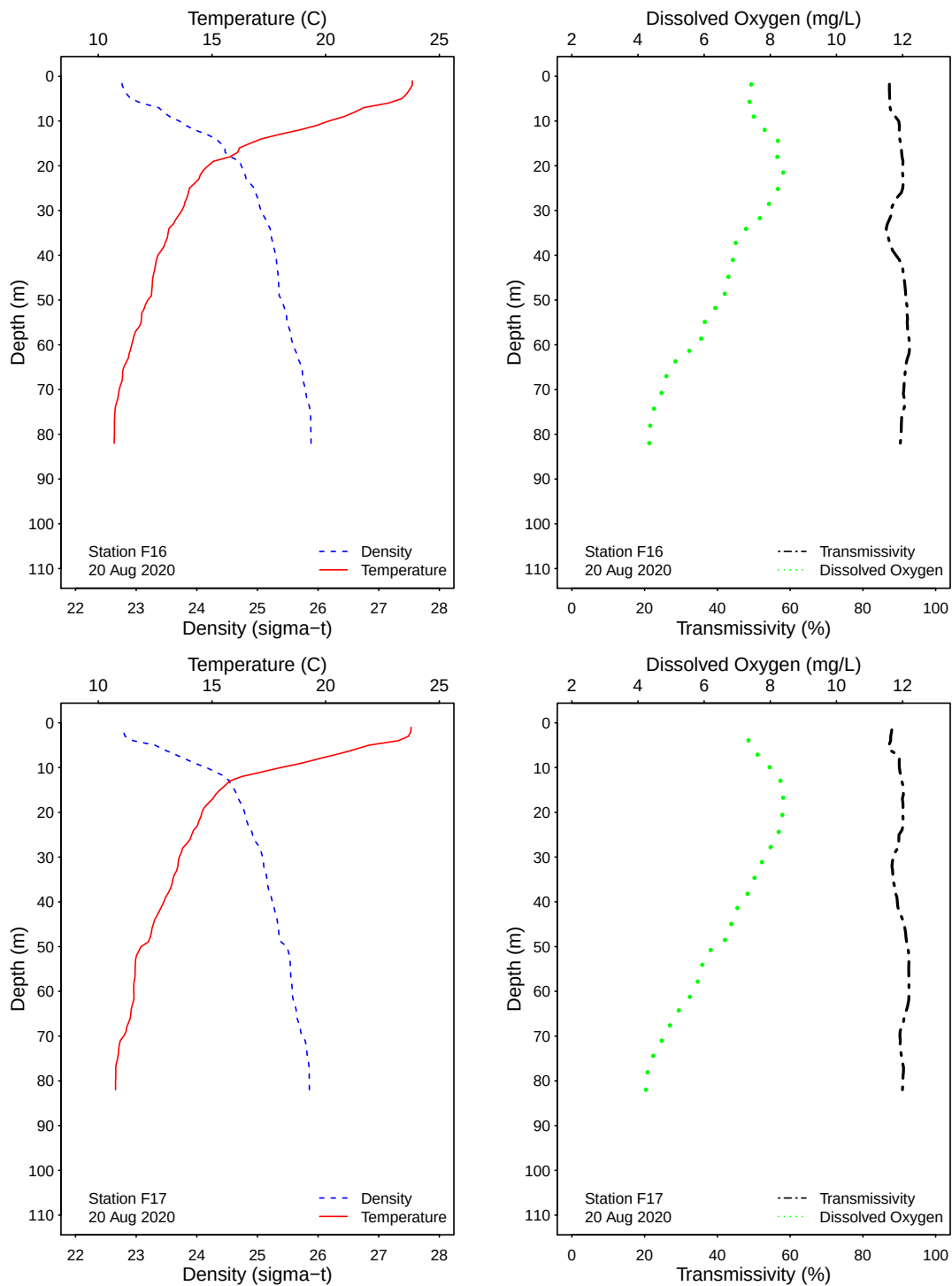


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

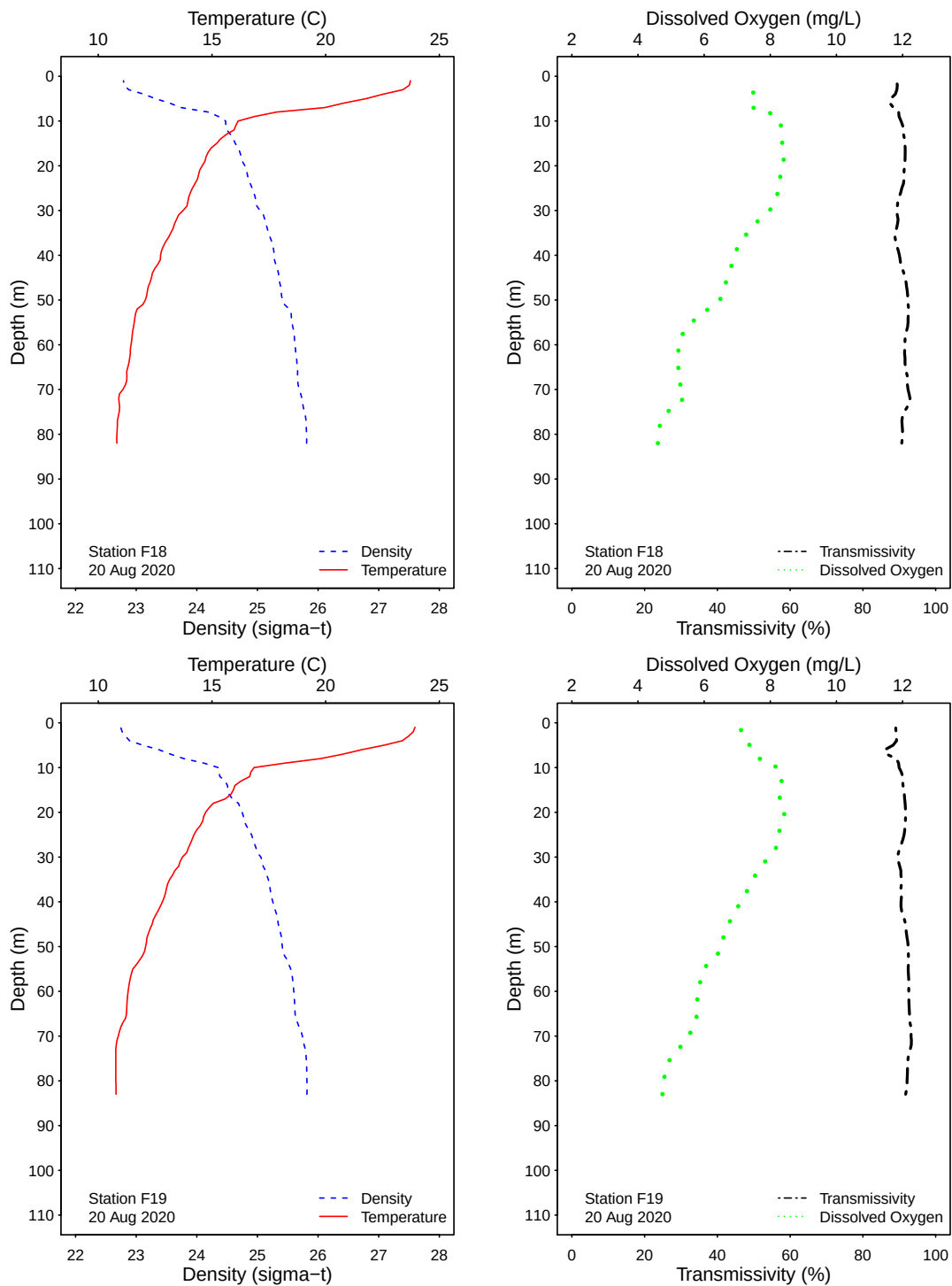


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

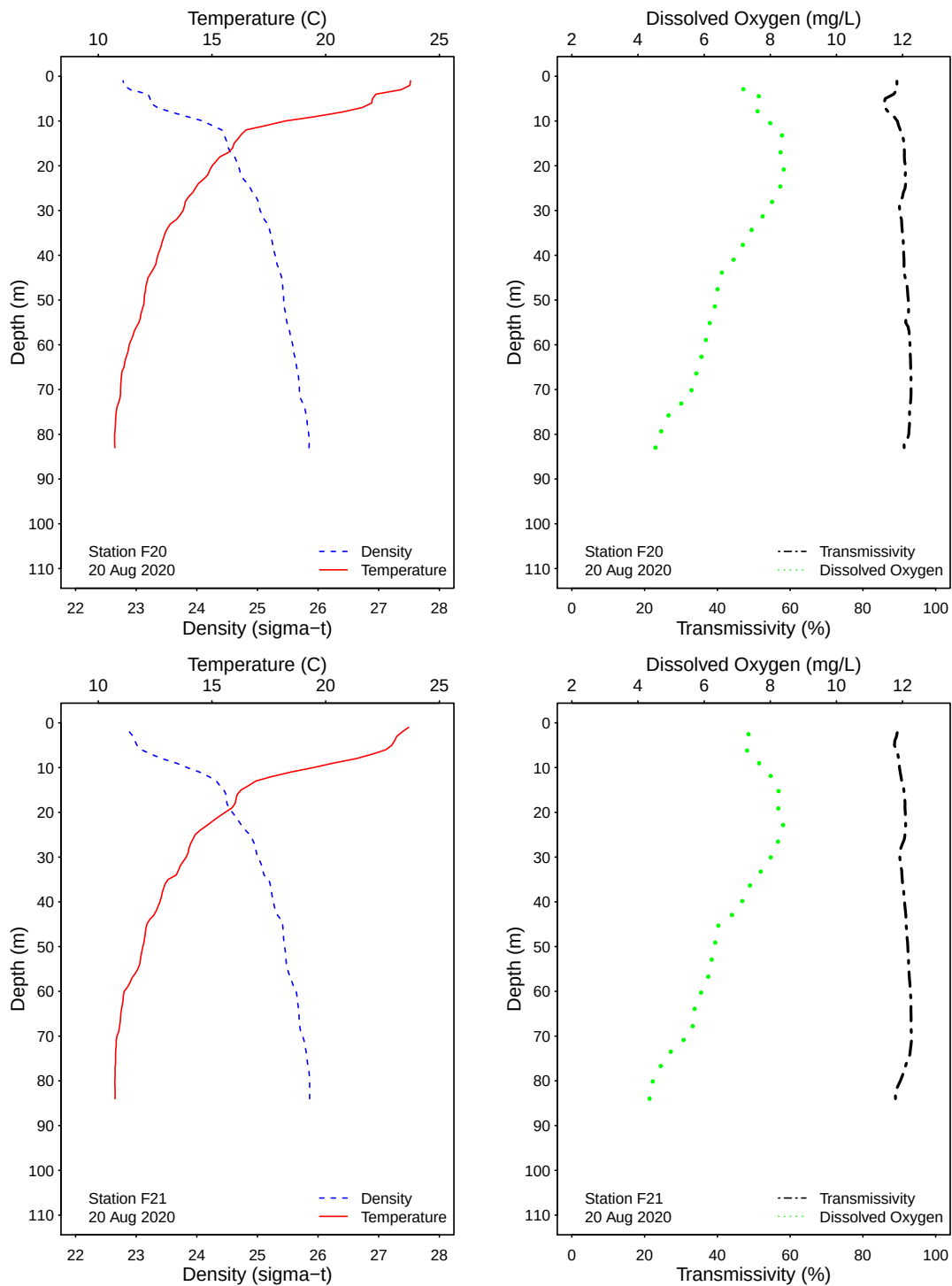


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

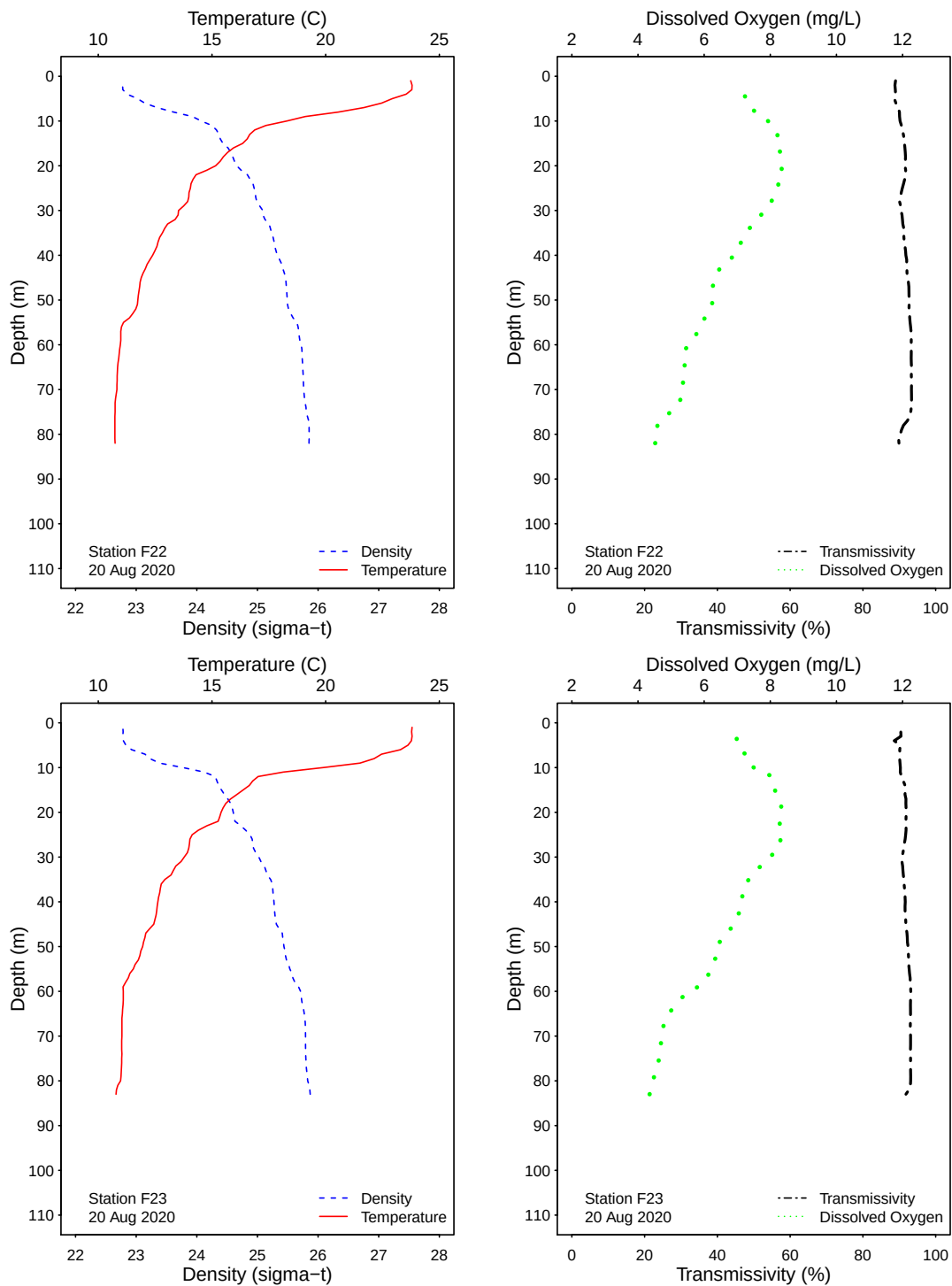


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

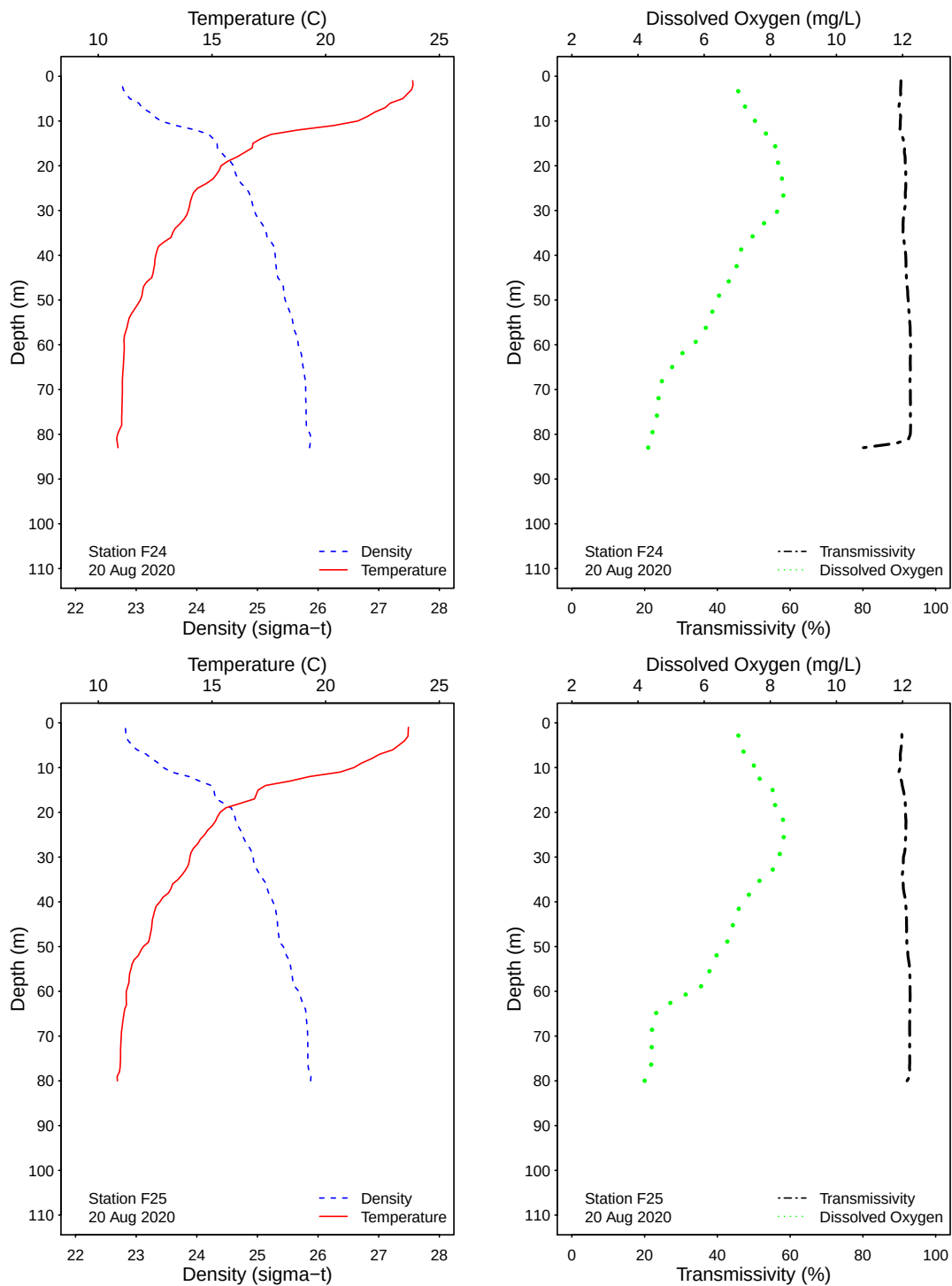


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

APPENDIX A

Quality Assurance

Table A.1

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

Station	Date	Depth	Analyst	Procedure	Total	Fecal	Entero
A7	04 Aug 2020	18	BS	LAB DUPLICATE	<2	<2	<2
A7	11 Aug 2020	18	BS	LAB DUPLICATE	<2	4e	<2
A7	17 Aug 2020	18	BS	LAB DUPLICATE	<2	<2	<2
A7	27 Aug 2020	18	BS	LAB DUPLICATE	18e	14e	<2
A7	31 Aug 2020	18	AE	LAB DUPLICATE	54	16e	4e
C7	04 Aug 2020	18	BS	LAB DUPLICATE	2e	<2	<2
C7	11 Aug 2020	18	BS	LAB DUPLICATE	2e	<2	<2
C7	17 Aug 2020	18	JF	LAB DUPLICATE	<2	<2	<2
C7	27 Aug 2020	18	BS	LAB DUPLICATE	<2	<2	<2
C7	31 Aug 2020	18	JF	LAB DUPLICATE	28e	2e	4e
C8	04 Aug 2020	12	BS	LAB DUPLICATE	<2	<2	<2
C8	11 Aug 2020	12	BS	LAB DUPLICATE	<2	<2	<2
C8	17 Aug 2020	12	AE	LAB DUPLICATE	4e	<2	<2
C8	27 Aug 2020	12	BS	LAB DUPLICATE	<2	<2	<2
C8	31 Aug 2020	12	BS	LAB DUPLICATE	22e	<2	<2
D12	05 Aug 2020		BS	FIELD DUPLICATE	6e	6e	4e
D12	05 Aug 2020		BS	LAB DUPLICATE	12e	4e	4e
D12	12 Aug 2020		BS	FIELD DUPLICATE	<20	<2	6e
D12	12 Aug 2020		BS	LAB DUPLICATE	20e	4e	<2
D12	19 Aug 2020		JF	FIELD DUPLICATE	<20	2e	8e
D12	19 Aug 2020		JF	LAB DUPLICATE	20e	2e	4e
D12	26 Aug 2020		AE	FIELD DUPLICATE	<2	<2	4e
D12	26 Aug 2020		AE	LAB DUPLICATE	<20	<2	2e
F01	19 Aug 2020	12	AE	LAB DUPLICATE	ns	ns	<2
F02	19 Aug 2020	12	AE	LAB DUPLICATE	ns	ns	<2
F07	19 Aug 2020	60	JF	LAB DUPLICATE	ns	ns	<2
F08	19 Aug 2020	60	AE	LAB DUPLICATE	ns	ns	24e
F11	19 Aug 2020	60	JF	LAB DUPLICATE	ns	ns	44
F17	20 Aug 2020	80	JF	LAB DUPLICATE	ns	ns	300e
F18	20 Aug 2020	60	JF	LAB DUPLICATE	ns	ns	84
F19	20 Aug 2020	60	AE	LAB DUPLICATE	ns	ns	160e
F20	20 Aug 2020	60	AE	LAB DUPLICATE	ns	ns	2e
F21	20 Aug 2020	80	AE	LAB DUPLICATE	ns	ns	92
F28	18 Aug 2020	60	AE	LAB DUPLICATE	ns	ns	<2
F29	18 Aug 2020	60	AE	LAB DUPLICATE	ns	ns	<2
F30	18 Aug 2020	60	AE	LAB DUPLICATE	ns	ns	<2
F31	18 Aug 2020	80	JF	LAB DUPLICATE	ns	ns	280e
F32	18 Aug 2020	80	BS	LAB DUPLICATE	ns	ns	<2
F34	18 Aug 2020	60	BS	LAB DUPLICATE	ns	ns	<2

ns = not sampled

ND = no data

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