SD Public Utilities

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 2026

Environmental Monitoring and Technical Services
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CERTIFIED
Public Utilities Department
Continual Improvement, Prevention of Pollution, Regulatory Compliance
ISO 14001

The City of SAN DIEGO
Public Utilities Department
Environmental Monitoring & Technical Services Division

September 30, 2026

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 2026 Monthly Receiving Waters Monitoring Report for the Point Loma Ocean Outfall, Point Loma Wastewater Treatment Plant as required per Order No. R9-2026-0002, NPDES Permit No. CA0107409.

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

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

Sincerely,

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

PV/rk

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

INTRODUCTION

Monthly reports of water quality and ocean conditions for the San Diego coastal region surrounding the Point Loma Ocean Outfall are submitted to the San Diego Regional Water Quality Control Board and U.S. EPA Region 9 in accordance with Order No. R9-2026-0002, 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:

- Over the past several years, due to increasing instability in some cliffside areas of Point Loma, City staff have periodically been unable to safely access and sample some stations. As a result, the after consultation with and approval by the Regional Board, the sampling location has varied between D8, D8-A and D8-B. Access to site D8 was recently restored and sampling at D8 resumed in March 2025.

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

Kelp Bed Stations

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

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

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

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

Offshore Stations

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

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

Bacteriological Reporting and Quality Assurance

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

Results of the bacteriological analysis of seawater samples collected from each of the shore, kelp bed, and offshore stations located within State waters are assessed relative to the water-contact standards specified in the 2019 California Ocean Plan (Ocean Plan). The six standards are defined as follows:

<u>Water-Contact Objectives</u>

Fecal coliform:

(1) The 30-day geometric mean (GM) of fecal coliform density not to exceed 200 CFU/100 mL, calculated based on the five most recent samples from each site
(2) The single sample maximum (SSM) not to exceed 400 CFU/100 mL

Enterococci:

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

(1) The six-week rolling GM of Enterococci not to exceed 30 CFU/100 mL, calculated weekly
(2) The statistical threshold value (STV) of 110 CFU/100 mL not to be exceeded by more than 10 percent of the samples collected in a calendar month, calculated in a static manner

Shellfish Harvesting Standards

Total coliform:

(1) The median total coliform density shall not exceed 70 CFU/100 mL
(2) The STV of 230 CFU/100 mL not to be exceeded by more than 10 percent of the samples collected in a calendar month, calculated in a static manner

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, 1987[2]) 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 2026 Quality Assurance Report, which will be completed in March 2027.

SUMMARY OF RESULTS

Shore Stations

- The eight shore stations (D4, D5, D7, D8-B, D9, D10, D11, D12) were sampled on August 5, 12, 19, and 26.
- During the August report period, six of the eight shore stations were out compliance with the various 2019 Ocean Plan water contact standards on one or more days as follows:
    - The statistical threshold value (STV) standard for *Enterococcus* was exceeded at station D4.
    - The 30-day running median standard for total coliforms was exceeded at stations D4, D5, D7, D8, and D11.
    - The STV standard for total coliforms was exceeded at station D4, D5, D7, D8, D9, and D11.
- A sewage-like odor was detected at station D5 on one or more days in August.
- Over the years, elevated bacteria levels at shore and kelp bed stations have tended to be associated with rainfall events, heavy recreational use, or the presence of seabirds or decaying kelp and surf grass. See the City of San Diego's most recent *Biennial Receiving Waters Monitoring and Assessment Report for the Point Loma and South Bay Ocean* Outfalls for details (https://www.sandiego.gov/public-utilities/sustainability/ocean-monitoring/reports).

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

Kelp Bed Stations

- The eight kelp bed water quality stations (A1, A6, A7, C4, C5, C6, C7, C8) were sampled on August 3, 10, 17, and 25.
- During the August report period, each of the eight kelp stations was in compliance with the various 2019 Ocean Plan water contact standards
- Water column temperatures ranged from 13.99 to 23.75°C. The difference between surface and bottom waters ranged from 2.49 to 9.39°C.
- Chlorophyll *a* concentrations ranged from 0.28 to 2.39 µg/L.
- Nothing of sewage origin was detected at PLOO kelp stations in August.

Offshore Stations

- Quarterly offshore water quality sampling was conducted on August 18, 19, and 20.
- During the August report period, two of the 15 offshore stations located within State jurisdictional waters (i.e., F01–F03, F06–F14, F18–F20) were out of compliance with the various 2019 Ocean Plan water contact standards.
    - The STV standard for *Enterococcus* was exceeded at stations F18 and F19.
- Of the remaining 21 offshore stations, elevated densities of *Enterococcus* bacteria (i.e., >110 CFU/100 mL) were detected at stations F17, F27, and F29 at depths ≥ 60 meters.
- Water column temperatures ranged from 10.96 to 21.66°C. The difference between surface and bottom waters ranged from 4.78 to 10.47°C.
- Chlorophyll *a* concentrations ranged from 0.07 to 3.13 µg/L at the offshore stations.
- Nothing of sewage origin was observed at any of the PLOO offshore stations in August.

TABLES AND FIGURES

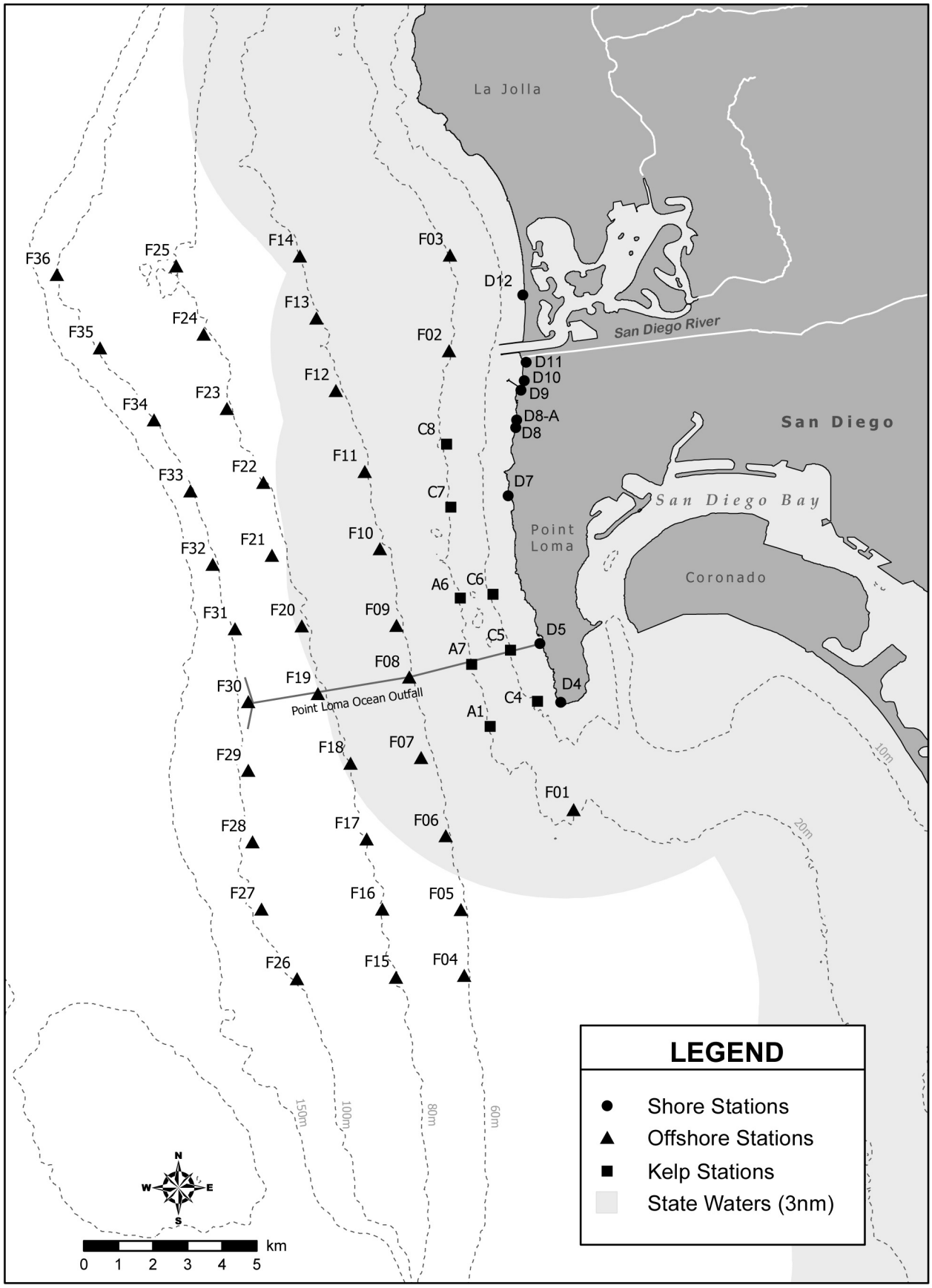


Figure 1.1 Station Map

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Shore Stations

Table 2.1

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

Date	D4	D5	D7	D8	D9	D10	D11	D12
01 Aug 2026	*2	*2	*2	*4	*4	*8	*7	*2
02 Aug 2026	*2	*2	*2	*4	*4	*8	*7	*2
03 Aug 2026	*2	*2	*2	*4	*4	*8	*7	*2
04 Aug 2026	*2	*2	*2	*4	*4	*8	*7	*2
05 Aug 2026	3	2	2	3	3	7	5	2
06 Aug 2026	3	2	2	3	3	7	5	2
07 Aug 2026	*4	*2	*2	*4	*4	*6	*6	*2
08 Aug 2026	*4	*2	*2	*4	*4	*6	*6	*2
09 Aug 2026	*4	*2	*2	*4	*4	*6	*6	*2
10 Aug 2026	*4	*2	*2	*4	*4	*6	*6	*2
11 Aug 2026	*4	*2	*2	*4	*4	*6	*6	*2
12 Aug 2026	6	3	3	8	6	8	7	2
13 Aug 2026	6	3	3	8	6	8	7	2
14 Aug 2026	*8	*4	*3	*8	*6	*6	*8	*2
15 Aug 2026	*8	*4	*3	*8	*6	*6	*8	*2
16 Aug 2026	*8	*4	*3	*8	*6	*6	*8	*2
17 Aug 2026	*8	*4	*3	*8	*6	*6	*8	*2
18 Aug 2026	*8	*4	*3	*8	*6	*6	*8	*2
19 Aug 2026	9	3	3	6	5	5	8	2
20 Aug 2026	9	3	3	6	5	5	8	2
21 Aug 2026	*13	*4	*3	*8	*6	*6	*8	*2
22 Aug 2026	*13	*4	*3	*8	*6	*6	*8	*2
23 Aug 2026	*13	*4	*3	*8	*6	*6	*8	*2
24 Aug 2026	*13	*4	*3	*8	*6	*6	*8	*2
25 Aug 2026	*13	*4	*3	*8	*6	*6	*8	*2
26 Aug 2026	10	4	3	6	5	6	10	4
27 Aug 2026	10	4	3	6	5	6	10	4
28 Aug 2026	*16	*5	*3	*6	*4	*5	*8	*5
29 Aug 2026	*16	*5	*3	*6	*4	*5	*8	*5
30 Aug 2026	*16	*5	*3	*6	*4	*5	*8	*5
31 Aug 2026	*16	*5	*3	*6	*4	*5	*8	*5

* Geometric mean calculated using n<5

Table 2.2

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

Date	D4	D5	D7	D8	D9	D10	D11	D12
05 Aug 2026	IC	IC	IC	IC	IC	IC	IC	IC
12 Aug 2026	IC	IC	IC	IC	IC	IC	IC	IC
19 Aug 2026	IC	IC	IC	IC	IC	IC	IC	IC
26 Aug 2026	IC	IC	IC	IC	IC	IC	IC	IC

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

Table 2.3

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

Date	D4	D5	D7	D8	D9	D10	D11	D12
01 Aug 2026	1	3	2	3	1	4	5	2
02 Aug 2026	1	3	2	3	1	4	5	2
03 Aug 2026	1	3	2	3	1	4	5	2
04 Aug 2026	1	3	2	3	1	4	5	2
05 Aug 2026	2	3	2	3	1	4	5	2
06 Aug 2026	3	3	2	4	1	4	5	2
07 Aug 2026	3	3	2	4	1	4	5	2
08 Aug 2026	3	3	2	4	1	4	5	2
09 Aug 2026	3	3	2	4	1	4	5	2
10 Aug 2026	3	3	2	4	1	4	5	2
11 Aug 2026	3	3	2	4	1	4	5	2
12 Aug 2026	4	5	4	6	1	5	5	2
13 Aug 2026	4	5	4	6	1	5	5	2
14 Aug 2026	4	5	4	6	1	5	5	2
15 Aug 2026	4	5	4	6	1	5	5	2
16 Aug 2026	4	5	4	6	1	5	5	2
17 Aug 2026	4	5	4	6	1	5	5	2
18 Aug 2026	4	5	4	6	1	5	5	2
19 Aug 2026	4	7	4	7	2	7	5	2
20 Aug 2026	4	7	4	7	2	7	5	2
21 Aug 2026	4	7	4	7	2	7	5	2
22 Aug 2026	4	7	4	7	2	7	5	2
23 Aug 2026	4	7	4	7	2	7	5	2
24 Aug 2026	4	7	4	7	2	7	5	2
25 Aug 2026	4	7	4	7	2	7	5	2
26 Aug 2026	4	11	6	5	2	5	6	3
27 Aug 2026	4	11	6	5	2	5	6	3
28 Aug 2026	4	11	6	5	2	5	6	3
29 Aug 2026	4	11	6	5	2	5	6	3
30 Aug 2026	4	11	6	5	2	5	6	3
31 Aug 2026	4	11	6	5	2	5	6	3

* Geometric mean calculated using n<5

Table 2.4

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

Date	D4	D5	D7	D8	D9	D10	D11	D12
August	**E**	IC	IC	IC	IC	IC	IC	IC

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

Table 2.5

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

Date	D4	D5	D7	D8	D9	D10	D11	D12
01 Aug 2026	*20	*20	*20	*30	*30	*60	*60	*15
02 Aug 2026	*20	*20	*20	*30	*30	*60	*60	*15
03 Aug 2026	*20	*20	*20	*30	*30	*60	*60	*15
04 Aug 2026	*20	*20	*20	*30	*30	*60	*60	*15
05 Aug 2026	20	20	20	40	40	60	60	10
06 Aug 2026	20	20	20	40	40	60	60	10
07 Aug 2026	*30	*20	*20	***80**	*40	*40	*50	*15
08 Aug 2026	*30	*20	*20	***80**	*40	*40	*50	*15
09 Aug 2026	*30	*20	*20	***80**	*40	*40	*50	*15
10 Aug 2026	*30	*20	*20	***80**	*40	*40	*50	*15
11 Aug 2026	*30	*20	*20	***80**	*40	*40	*50	*15
12 Aug 2026	40	20	20	**120**	60	60	60	20
13 Aug 2026	40	20	20	**120**	60	60	60	20
14 Aug 2026	*70	*30	*20	***220**	*70	*70	*60	*15
15 Aug 2026	*70	*30	*20	***220**	*70	*70	*60	*15
16 Aug 2026	*70	*30	*20	***220**	*70	*70	*60	*15
17 Aug 2026	*70	*30	*20	***220**	*70	*70	*60	*15
18 Aug 2026	*70	*30	*20	***220**	*70	*70	*60	*15
19 Aug 2026	40	40	20	40	60	60	60	10
20 Aug 2026	40	40	20	40	60	60	60	10
21 Aug 2026	*70	*40	*30	***210**	*70	*60	***80**	*12
22 Aug 2026	*70	*40	*30	***210**	*70	*60	***80**	*12
23 Aug 2026	*70	*40	*30	***210**	*70	*60	***80**	*12
24 Aug 2026	*70	*40	*30	***210**	*70	*60	***80**	*12
25 Aug 2026	*70	*40	*30	***210**	*70	*60	***80**	*12
26 Aug 2026	**100**	40	40	20	60	40	**100**	20
27 Aug 2026	**100**	40	40	20	60	40	**100**	20
28 Aug 2026	***250**	***220**	***220**	***210**	*60	*40	***250**	*12
29 Aug 2026	***250**	***220**	***220**	***210**	*60	*40	***250**	*12
30 Aug 2026	***250**	***220**	***220**	***210**	*60	*40	***250**	*12
31 Aug 2026	***250**	***220**	***220**	***210**	*60	*40	***250**	*12

* Median calculated using n<5

Table 2.6

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

Date	D4	D5	D7	D8	D9	D10	D11	D12
August	**E**	**E**	**E**	**E**	**E**	IC	**E**	IC

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

Table 2.7

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

Station	Date	Time	Total	Fecal	Entero
D10	05 Aug 2026	831	20e	4e	<1
D10	12 Aug 2026	924	80e	16e	15
D10	19 Aug 2026	834	40e	<2	20e
D10	26 Aug 2026	656	40e	6e	3
D11	05 Aug 2026	819	40e	<2	5
D11	12 Aug 2026	946	<400	18e	4
D11	19 Aug 2026	821	100e	6e	<1
D11	26 Aug 2026	644	<400	18e	28
D12	05 Aug 2026	801	2e	4e	2
D12	12 Aug 2026	1011	20e	<2	3
D12	19 Aug 2026	759	4e	<2	1
D12	26 Aug 2026	626	40e	26e	17
D4	05 Aug 2026	1003	100e	26e	300e
D4	12 Aug 2026	723	400e	42	9
D4	19 Aug 2026	1004	<20	14e	<1
D4	26 Aug 2026	836	<400	4e	1
D5	05 Aug 2026	1015	<20	<2	<1
D5	12 Aug 2026	738	<400	<20	22
D5	19 Aug 2026	953	40e	<2	<20
D5	26 Aug 2026	819	<400	8e	9
D7	05 Aug 2026	940	20e	<2	2
D7	12 Aug 2026	809	<400	4e	22
D7	19 Aug 2026	919	40e	<2	<1
D7	26 Aug 2026	749	800e	4e	20e
D8	05 Aug 2026	926	<400	<2	8
D8	12 Aug 2026	824	400e	120e	40e
D8	19 Aug 2026	901	20e	<2	2
D8	26 Aug 2026	735	20e	<2	2
D9	05 Aug 2026	852	80e	2e	<1
D9	12 Aug 2026	844	<400	28e	4
D9	19 Aug 2026	847	<20	<2	<20
D9	26 Aug 2026	717	40e	2e	<1

ns = not sampled
ND = no data

Comments

date	station	depth	parmcode	comments
06-Aug-2026	D4		ENTERO	Resample
27-Aug-2026	D12		ENTERO	Resample
27-Aug-2026	D12			Resample collected due to high D12 FD Entero result.

Table 2.8

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

Station	Date	Parameter	Value
D4	05 Aug 2026	Arrive Time	1015
D4	05 Aug 2026	Wind Speed (kts)	0.3
D4	05 Aug 2026	Wind Dir	SW
D4	05 Aug 2026	Animal Life	
D4	05 Aug 2026	Floatables	
D4	05 Aug 2026	Current Direction	S
D4	05 Aug 2026	Water Temp (C)	18.2
D4	05 Aug 2026	High Tide Time	201
D4	05 Aug 2026	Low Tide Time	723
D4	05 Aug 2026	Comments	Water clear; Trash-2; Algae;Seagrass;Kelp
D4	06 Aug 2026	Arrive Time	1047
D4	06 Aug 2026	Wind Speed (kts)	2.1
D4	06 Aug 2026	Wind Dir	W
D4	06 Aug 2026	Animal Life	
D4	06 Aug 2026	Floatables	
D4	06 Aug 2026	Current Direction	S
D4	06 Aug 2026	Water Temp (C)	29.9
D4	06 Aug 2026	High Tide Time	409
D4	06 Aug 2026	Low Tide Time	804
D4	06 Aug 2026	Comments	Water clear; Trash-1; Algae;Seagrass
D4	12 Aug 2026	Arrive Time	723
D4	12 Aug 2026	Wind Speed (kts)	0.4
D4	12 Aug 2026	Wind Dir	W
D4	12 Aug 2026	Animal Life	
D4	12 Aug 2026	Floatables	
D4	12 Aug 2026	Current Direction	S
D4	12 Aug 2026	Water Temp (C)	19.3
D4	12 Aug 2026	High Tide Time	1001
D4	12 Aug 2026	Low Tide Time	353
D4	12 Aug 2026	Comments	Water clear; Trash-2; Kelp;Seagrass
D4	19 Aug 2026	Arrive Time	1004
D4	19 Aug 2026	Wind Speed (kts)	4
D4	19 Aug 2026	Wind Dir	SW
D4	19 Aug 2026	Animal Life	
D4	19 Aug 2026	Floatables	
D4	19 Aug 2026	Current Direction	N
D4	19 Aug 2026	Water Temp (C)	18.1
D4	19 Aug 2026	High Tide Time	248
D4	19 Aug 2026	Low Tide Time	706
D4	19 Aug 2026	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae;Debris
D4	26 Aug 2026	Arrive Time	836
D4	26 Aug 2026	Wind Speed (kts)	1.9
D4	26 Aug 2026	Wind Dir	W
D4	26 Aug 2026	Animal Life	
D4	26 Aug 2026	Floatables	
D4	26 Aug 2026	Current Direction	S
D4	26 Aug 2026	Water Temp (C)	19.8
D4	26 Aug 2026	High Tide Time	922
D4	26 Aug 2026	Low Tide Time	316
D4	26 Aug 2026	Comments	Water clear; Trash-1; Seagrass;Algae;Kelp
D5	05 Aug 2026	Arrive Time	1003

Station	Date	Parameter	Value
D5	05 Aug 2026	Wind Speed (kts)	0
D5	05 Aug 2026	Wind Dir	XX
D5	05 Aug 2026	Animal Life	
D5	05 Aug 2026	Floatables	
D5	05 Aug 2026	Current Direction	S
D5	05 Aug 2026	Water Temp (C)	21.1
D5	05 Aug 2026	High Tide Time	201
D5	05 Aug 2026	Low Tide Time	723
D5	05 Aug 2026	Comments	Water clear; Trash-2; Seagrass;Kelp
D5	12 Aug 2026	Arrive Time	738
D5	12 Aug 2026	Wind Speed (kts)	0
D5	12 Aug 2026	Wind Dir	XX
D5	12 Aug 2026	Animal Life	
D5	12 Aug 2026	Floatables	Foam
D5	12 Aug 2026	Current Direction	S
D5	12 Aug 2026	Water Temp (C)	20.4
D5	12 Aug 2026	High Tide Time	1001
D5	12 Aug 2026	Low Tide Time	353
D5	12 Aug 2026	Comments	Water clear; Trash-2; Kelp
D5	19 Aug 2026	Arrive Time	953
D5	19 Aug 2026	Wind Speed (kts)	3.3
D5	19 Aug 2026	Wind Dir	SW
D5	19 Aug 2026	Animal Life	
D5	19 Aug 2026	Floatables	
D5	19 Aug 2026	Current Direction	N
D5	19 Aug 2026	Water Temp (C)	18.9
D5	19 Aug 2026	High Tide Time	248
D5	19 Aug 2026	Low Tide Time	706
D5	19 Aug 2026	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris
D5	26 Aug 2026	Arrive Time	819
D5	26 Aug 2026	Wind Speed (kts)	0
D5	26 Aug 2026	Wind Dir	XX
D5	26 Aug 2026	Animal Life	
D5	26 Aug 2026	Floatables	
D5	26 Aug 2026	Current Direction	S
D5	26 Aug 2026	Water Temp (C)	20.6
D5	26 Aug 2026	High Tide Time	922
D5	26 Aug 2026	Low Tide Time	316
D5	26 Aug 2026	Comments	Water clear; Trash-2; Algae; Sewage-like odor
D7	05 Aug 2026	Arrive Time	940
D7	05 Aug 2026	Wind Speed (kts)	0
D7	05 Aug 2026	Wind Dir	XX
D7	05 Aug 2026	Animal Life	
D7	05 Aug 2026	Floatables	
D7	05 Aug 2026	Current Direction	S
D7	05 Aug 2026	Water Temp (C)	20.4
D7	05 Aug 2026	High Tide Time	201
D7	05 Aug 2026	Low Tide Time	723
D7	05 Aug 2026	Comments	Water clear; Trash-2; Kelp;Seagrass;Algae; Person/Walker/Jogger-6; Boogie boarder/Swimmer-2
D7	12 Aug 2026	Arrive Time	809
D7	12 Aug 2026	Wind Speed (kts)	0.3
D7	12 Aug 2026	Wind Dir	W
D7	12 Aug 2026	Animal Life	
D7	12 Aug 2026	Floatables	
D7	12 Aug 2026	Current Direction	S

Station	Date	Parameter	Value
D7	12 Aug 2026	Water Temp (C)	19.2
D7	12 Aug 2026	High Tide Time	1001
D7	12 Aug 2026	Low Tide Time	353
D7	12 Aug 2026	Comments	Water clear; Surfer/Paddle boarder-6; Trash-2; Seagrass;Kelp; Person/Walker/Jogger-2
D7	19 Aug 2026	Arrive Time	919
D7	19 Aug 2026	Wind Speed (kts)	1.6
D7	19 Aug 2026	Wind Dir	SW
D7	19 Aug 2026	Animal Life	
D7	19 Aug 2026	Floatables	
D7	19 Aug 2026	Current Direction	N
D7	19 Aug 2026	Water Temp (C)	18.2
D7	19 Aug 2026	High Tide Time	248
D7	19 Aug 2026	Low Tide Time	706
D7	19 Aug 2026	Comments	Water clear; Surfer/Paddle boarder-2; Trash-1; Kelp;Seagrass;Algae;Debris
D7	26 Aug 2026	Arrive Time	749
D7	26 Aug 2026	Wind Speed (kts)	0.9
D7	26 Aug 2026	Wind Dir	S
D7	26 Aug 2026	Animal Life	
D7	26 Aug 2026	Floatables	
D7	26 Aug 2026	Current Direction	S
D7	26 Aug 2026	Water Temp (C)	21.4
D7	26 Aug 2026	High Tide Time	922
D7	26 Aug 2026	Low Tide Time	316
D7	26 Aug 2026	Comments	Water clear; Boogie boarder/Swimmer-1; Surfer/Paddle boarder-20; Trash-1; Kelp;Seagrass;Algae
D8	05 Aug 2026	Arrive Time	926
D8	05 Aug 2026	Wind Speed (kts)	1.8
D8	05 Aug 2026	Wind Dir	SW
D8	05 Aug 2026	Animal Life	Bird-2;
D8	05 Aug 2026	Floatables	
D8	05 Aug 2026	Current Direction	S
D8	05 Aug 2026	Water Temp (C)	22.4
D8	05 Aug 2026	High Tide Time	201
D8	05 Aug 2026	Low Tide Time	723
D8	05 Aug 2026	Comments	Water clear; Trash-2; Kelp;Seagrass;Algae; Person/Walker/Jogger-4
D8	12 Aug 2026	Arrive Time	824
D8	12 Aug 2026	Wind Speed (kts)	0.5
D8	12 Aug 2026	Wind Dir	W
D8	12 Aug 2026	Animal Life	
D8	12 Aug 2026	Floatables	
D8	12 Aug 2026	Current Direction	S
D8	12 Aug 2026	Water Temp (C)	18.6
D8	12 Aug 2026	High Tide Time	1001
D8	12 Aug 2026	Low Tide Time	353
D8	12 Aug 2026	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae; Person/Walker/Jogger-2
D8	19 Aug 2026	Arrive Time	901
D8	19 Aug 2026	Wind Speed (kts)	0.9
D8	19 Aug 2026	Wind Dir	SW
D8	19 Aug 2026	Animal Life	Dog-4;
D8	19 Aug 2026	Floatables	
D8	19 Aug 2026	Current Direction	N
D8	19 Aug 2026	Water Temp (C)	18.9

Station	Date	Parameter	Value
D8	19 Aug 2026	High Tide Time	248
D8	19 Aug 2026	Low Tide Time	706
D8	19 Aug 2026	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-6
D8	26 Aug 2026	Arrive Time	735
D8	26 Aug 2026	Wind Speed (kts)	0.6
D8	26 Aug 2026	Wind Dir	S
D8	26 Aug 2026	Animal Life	
D8	26 Aug 2026	Floatables	
D8	26 Aug 2026	Current Direction	S
D8	26 Aug 2026	Water Temp (C)	21.4
D8	26 Aug 2026	High Tide Time	922
D8	26 Aug 2026	Low Tide Time	316
D8	26 Aug 2026	Comments	Water clear; Trash-1; Kelp;Seagrass
D9	05 Aug 2026	Arrive Time	852
D9	05 Aug 2026	Wind Speed (kts)	1.5
D9	05 Aug 2026	Wind Dir	SW
D9	05 Aug 2026	Animal Life	Bird-3;
D9	05 Aug 2026	Floatables	
D9	05 Aug 2026	Current Direction	S
D9	05 Aug 2026	Water Temp (C)	19.4
D9	05 Aug 2026	High Tide Time	201
D9	05 Aug 2026	Low Tide Time	723
D9	05 Aug 2026	Comments	Water clear; Trash-2; Kelp;Seagrass;Algae; Person/Walker/Jogger-4
D9	12 Aug 2026	Arrive Time	844
D9	12 Aug 2026	Wind Speed (kts)	0.4
D9	12 Aug 2026	Wind Dir	W
D9	12 Aug 2026	Animal Life	
D9	12 Aug 2026	Floatables	
D9	12 Aug 2026	Current Direction	S
D9	12 Aug 2026	Water Temp (C)	19.8
D9	12 Aug 2026	High Tide Time	1001
D9	12 Aug 2026	Low Tide Time	353
D9	12 Aug 2026	Comments	Water clear; Surfer/Paddle boarder-1; Trash-3; Kelp;Seagrass; Person/Walker/Jogger-3; Active construction
D9	19 Aug 2026	Arrive Time	847
D9	19 Aug 2026	Wind Speed (kts)	0.9
D9	19 Aug 2026	Wind Dir	SW
D9	19 Aug 2026	Animal Life	
D9	19 Aug 2026	Floatables	
D9	19 Aug 2026	Current Direction	N
D9	19 Aug 2026	Water Temp (C)	19.1
D9	19 Aug 2026	High Tide Time	248
D9	19 Aug 2026	Low Tide Time	706
D9	19 Aug 2026	Comments	Water clear; Trash-2; Seagrass;Algae
D9	26 Aug 2026	Arrive Time	717
D9	26 Aug 2026	Wind Speed (kts)	0.4
D9	26 Aug 2026	Wind Dir	SW
D9	26 Aug 2026	Animal Life	
D9	26 Aug 2026	Floatables	
D9	26 Aug 2026	Current Direction	S
D9	26 Aug 2026	Water Temp (C)	21
D9	26 Aug 2026	High Tide Time	922
D9	26 Aug 2026	Low Tide Time	316
D9	26 Aug 2026	Comments	Water clear; Trash-2; Kelp;Seagrass

Station	Date	Parameter	Value
D10	05 Aug 2026	Arrive Time	831
D10	05 Aug 2026	Wind Speed (kts)	1.1
D10	05 Aug 2026	Wind Dir	SW
D10	05 Aug 2026	Animal Life	Bird-30;
D10	05 Aug 2026	Floatables	
D10	05 Aug 2026	Current Direction	S
D10	05 Aug 2026	Water Temp (C)	20.9
D10	05 Aug 2026	High Tide Time	201
D10	05 Aug 2026	Low Tide Time	723
D10	05 Aug 2026	Comments	Water clear; Boogie boarder/Swimmer-5; Surfer/Paddle boarder-8; Trash-2; Kelp;Seagrass; Person/Walker/Jogger-6
D10	12 Aug 2026	Arrive Time	924
D10	12 Aug 2026	Wind Speed (kts)	2.2
D10	12 Aug 2026	Wind Dir	W
D10	12 Aug 2026	Animal Life	
D10	12 Aug 2026	Floatables	
D10	12 Aug 2026	Current Direction	S
D10	12 Aug 2026	Water Temp (C)	21.2
D10	12 Aug 2026	High Tide Time	1001
D10	12 Aug 2026	Low Tide Time	353
D10	12 Aug 2026	Comments	Water clear; Surfer/Paddle boarder-22; Trash-1; Kelp;Seagrass; Person/Walker/Jogger-14
D10	19 Aug 2026	Arrive Time	834
D10	19 Aug 2026	Wind Speed (kts)	3
D10	19 Aug 2026	Wind Dir	SW
D10	19 Aug 2026	Animal Life	Dog-1;
D10	19 Aug 2026	Floatables	
D10	19 Aug 2026	Current Direction	N
D10	19 Aug 2026	Water Temp (C)	17.4
D10	19 Aug 2026	High Tide Time	248
D10	19 Aug 2026	Low Tide Time	706
D10	19 Aug 2026	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-3
D10	26 Aug 2026	Arrive Time	656
D10	26 Aug 2026	Wind Speed (kts)	0.9
D10	26 Aug 2026	Wind Dir	SW
D10	26 Aug 2026	Animal Life	Dog-2;
D10	26 Aug 2026	Floatables	
D10	26 Aug 2026	Current Direction	S
D10	26 Aug 2026	Water Temp (C)	21.5
D10	26 Aug 2026	High Tide Time	922
D10	26 Aug 2026	Low Tide Time	316
D10	26 Aug 2026	Comments	Water clear; Surfer/Paddle boarder-34; Trash-3; Kelp;Seagrass; Person/Walker/Jogger-4
D11	05 Aug 2026	Arrive Time	819
D11	05 Aug 2026	Wind Speed (kts)	3.8
D11	05 Aug 2026	Wind Dir	SW
D11	05 Aug 2026	Animal Life	Bird-3; Dog-2;
D11	05 Aug 2026	Floatables	
D11	05 Aug 2026	Current Direction	S
D11	05 Aug 2026	Water Temp (C)	20.8
D11	05 Aug 2026	High Tide Time	201
D11	05 Aug 2026	Low Tide Time	723
D11	05 Aug 2026	Comments	Water clear; Surfer/Paddle boarder-25; Trash-2; Kelp;Seagrass; Person/Walker/Jogger-10

Station	Date	Parameter	Value
D11	12 Aug 2026	Arrive Time	946
D11	12 Aug 2026	Wind Speed (kts)	1.6
D11	12 Aug 2026	Wind Dir	W
D11	12 Aug 2026	Animal Life	
D11	12 Aug 2026	Floatables	
D11	12 Aug 2026	Current Direction	S
D11	12 Aug 2026	Water Temp (C)	20.1
D11	12 Aug 2026	High Tide Time	1001
D11	12 Aug 2026	Low Tide Time	353
D11	12 Aug 2026	Comments	Water clear; Surfer/Paddle boarder-26; Trash-1; Kelp;Seagrass;Algae; Person/Walker/Jogger-15
D11	19 Aug 2026	Arrive Time	821
D11	19 Aug 2026	Wind Speed (kts)	1.6
D11	19 Aug 2026	Wind Dir	W
D11	19 Aug 2026	Animal Life	Dog-2;
D11	19 Aug 2026	Floatables	
D11	19 Aug 2026	Current Direction	N
D11	19 Aug 2026	Water Temp (C)	17
D11	19 Aug 2026	High Tide Time	248
D11	19 Aug 2026	Low Tide Time	706
D11	19 Aug 2026	Comments	Water clear; Surfer/Paddle boarder-4; Trash-3; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-5
D11	26 Aug 2026	Arrive Time	644
D11	26 Aug 2026	Wind Speed (kts)	2
D11	26 Aug 2026	Wind Dir	SW
D11	26 Aug 2026	Animal Life	Bird-5;
D11	26 Aug 2026	Floatables	
D11	26 Aug 2026	Current Direction	S
D11	26 Aug 2026	Water Temp (C)	21.1
D11	26 Aug 2026	High Tide Time	922
D11	26 Aug 2026	Low Tide Time	316
D11	26 Aug 2026	Comments	Water clear; Surfer/Paddle boarder-41; Trash-3; Kelp;Seagrass; Person/Walker/Jogger-4
D12	05 Aug 2026	Arrive Time	801
D12	05 Aug 2026	Wind Speed (kts)	3.7
D12	05 Aug 2026	Wind Dir	S
D12	05 Aug 2026	Animal Life	Bird-5;
D12	05 Aug 2026	Floatables	
D12	05 Aug 2026	Current Direction	N
D12	05 Aug 2026	Water Temp (C)	19.2
D12	05 Aug 2026	High Tide Time	201
D12	05 Aug 2026	Low Tide Time	723
D12	05 Aug 2026	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-7
D12	12 Aug 2026	Arrive Time	1011
D12	12 Aug 2026	Wind Speed (kts)	2.6
D12	12 Aug 2026	Wind Dir	W
D12	12 Aug 2026	Animal Life	
D12	12 Aug 2026	Floatables	
D12	12 Aug 2026	Current Direction	S
D12	12 Aug 2026	Water Temp (C)	19.4
D12	12 Aug 2026	High Tide Time	1001
D12	12 Aug 2026	Low Tide Time	353
D12	12 Aug 2026	Comments	Water clear; Boogie boarder/Swimmer-12; Surfer/Paddle boarder-5; Trash-1; Kelp;Seagrass; Person/Walker/Jogger-25

Station	Date	Parameter	Value
D12	19 Aug 2026	Arrive Time	759
D12	19 Aug 2026	Wind Speed (kts)	3.6
D12	19 Aug 2026	Wind Dir	W
D12	19 Aug 2026	Animal Life	Bird-4;
D12	19 Aug 2026	Floatables	
D12	19 Aug 2026	Current Direction	N
D12	19 Aug 2026	Water Temp (C)	18.6
D12	19 Aug 2026	High Tide Time	248
D12	19 Aug 2026	Low Tide Time	706
D12	19 Aug 2026	Comments	Water clear; Trash-3; Kelp;Algae;Seagrass;Debris
D12	26 Aug 2026	Arrive Time	626
D12	26 Aug 2026	Wind Speed (kts)	0
D12	26 Aug 2026	Wind Dir	XX
D12	26 Aug 2026	Animal Life	Bird-5;
D12	26 Aug 2026	Floatables	
D12	26 Aug 2026	Current Direction	S
D12	26 Aug 2026	Water Temp (C)	20.8
D12	26 Aug 2026	High Tide Time	922
D12	26 Aug 2026	Low Tide Time	316
D12	26 Aug 2026	Comments	Water clear; Surfer/Paddle boarder-8; Trash-3; Kelp;Seagrass; Person/Walker/Jogger-6
D12	27 Aug 2026	Arrive Time	1257
D12	27 Aug 2026	Wind Speed (kts)	7.2
D12	27 Aug 2026	Wind Dir	W
D12	27 Aug 2026	Animal Life	Bird-6;
D12	27 Aug 2026	Floatables	
D12	27 Aug 2026	Current Direction	S
D12	27 Aug 2026	Water Temp (C)	25.4
D12	27 Aug 2026	High Tide Time	944
D12	27 Aug 2026	Low Tide Time	340
D12	27 Aug 2026	Comments	Water clear; Boogie boarder/Swimmer-22; Surfer/Paddle boarder-8; Trash-3; Kelp;Seagrass; Person/Walker/Jogger-30

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Kelp Stations

Table 3.1

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Aug 2026	*2	*2	*2	*2	*2	*2	*2	*2
02 Aug 2026	*2	*2	*2	*2	*2	*2	*2	*2
03 Aug 2026	2	2	2	2	2	2	2	2
04 Aug 2026	2	2	2	2	2	2	2	2
05 Aug 2026	*2	*2	*2	*2	*2	*2	*2	*2
06 Aug 2026	*2	*2	*2	*2	*2	*2	*2	*2
07 Aug 2026	*2	*2	*2	*2	*2	*2	*2	*2
08 Aug 2026	*2	*2	*2	*2	*2	*2	*2	*2
09 Aug 2026	*2	*2	*2	*2	*2	*2	*2	*2
10 Aug 2026	2	2	2	2	2	2	2	2
11 Aug 2026	2	2	2	2	2	2	2	2
12 Aug 2026	2	2	2	2	2	2	2	2
13 Aug 2026	2	2	2	2	2	2	2	2
14 Aug 2026	2	2	2	2	2	2	2	2
15 Aug 2026	*2	*2	*2	*2	*2	*2	*2	*2
16 Aug 2026	*2	*2	*2	*2	*2	*2	*2	*2
17 Aug 2026	2	2	2	2	2	2	2	2
18 Aug 2026	2	2	2	2	2	2	2	2
19 Aug 2026	*2	*2	*2	*2	*2	*2	*2	*2
20 Aug 2026	*2	*2	*2	*2	*2	*2	*2	*2
21 Aug 2026	*2	*2	*2	*2	*2	*2	*2	*2
22 Aug 2026	*2	*2	*2	*2	*2	*2	*2	*2
23 Aug 2026	*2	*2	*2	*2	*2	*2	*2	*2
24 Aug 2026	*2	*2	*2	*2	*2	*2	*2	*2
25 Aug 2026	2	2	2	2	2	2	2	2
26 Aug 2026	2	2	2	2	2	2	2	2
27 Aug 2026	2	2	2	2	2	2	2	2
28 Aug 2026	2	2	2	2	2	2	2	2
29 Aug 2026	*2	*2	*2	*2	*2	*2	*2	*2
30 Aug 2026	*2	*2	*2	*2	*2	*2	*2	*2
31 Aug 2026	*2	*2	*2	*2	*2	*2	*2	*2

* Geometric mean calculated using n<5

Table 3.2

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
03 Aug 2026	IC	IC	IC	IC	IC	IC	IC	IC
10 Aug 2026	IC	IC	IC	IC	IC	IC	IC	IC
17 Aug 2026	IC	IC	IC	IC	IC	IC	IC	IC
25 Aug 2026	IC	IC	IC	IC	IC	IC	IC	IC

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

Table 3.3

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Aug 2026	1	2	1	1	1	1	2	2
02 Aug 2026	1	2	1	1	1	1	2	2
03 Aug 2026	1	1	1	1	1	1	2	2
04 Aug 2026	1	1	1	1	1	1	2	2
05 Aug 2026	1	1	1	1	1	1	2	2
06 Aug 2026	1	1	1	1	1	1	2	2
07 Aug 2026	1	1	1	1	1	1	2	2
08 Aug 2026	1	1	1	1	1	1	2	2
09 Aug 2026	1	1	1	1	1	1	2	2
10 Aug 2026	1	1	1	1	1	1	1	1
11 Aug 2026	1	1	1	1	1	1	1	1
12 Aug 2026	1	1	1	1	1	1	1	1
13 Aug 2026	1	1	1	1	1	1	1	1
14 Aug 2026	1	1	1	1	1	1	1	1
15 Aug 2026	1	1	1	1	1	1	1	1
16 Aug 2026	1	1	1	1	1	1	1	1
17 Aug 2026	1	1	1	1	1	1	1	1
18 Aug 2026	1	1	1	1	1	1	1	1
19 Aug 2026	1	1	1	1	1	1	1	1
20 Aug 2026	1	1	1	1	1	1	1	1
21 Aug 2026	1	1	1	1	1	1	1	1
22 Aug 2026	1	1	1	1	1	1	1	1
23 Aug 2026	1	1	1	1	1	1	1	1
24 Aug 2026	1	1	1	1	1	1	1	1
25 Aug 2026	1	1	1	1	1	1	1	1
26 Aug 2026	1	1	1	1	1	1	1	1
27 Aug 2026	1	1	1	1	1	1	1	1
28 Aug 2026	1	1	1	1	1	1	1	1
29 Aug 2026	1	1	1	1	1	1	1	1
30 Aug 2026	1	1	1	1	1	1	1	1
31 Aug 2026	1	1	1	1	1	1	1	1

* Geometric mean calculated using n<5

Table 3.4

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

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

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

Table 3.5

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

Station	Date	Time	Depth	Fecal	Entero
A1	03 Aug 2026	806	1	<2	<1
A1	03 Aug 2026	806	12	<2	<1
A1	03 Aug 2026	806	18	<2	<1
A1	10 Aug 2026	730	1	2e	1
A1	10 Aug 2026	730	12	<2	<1
A1	10 Aug 2026	730	18	<2	<1
A1	17 Aug 2026	732	1	<2	<1
A1	17 Aug 2026	732	12	<2	<1
A1	17 Aug 2026	732	18	<2	<1
A1	25 Aug 2026	748	1	<2	1
A1	25 Aug 2026	748	12	<2	<1
A1	25 Aug 2026	748	18	<2	<1
A6	03 Aug 2026	830	1	<2	<1
A6	03 Aug 2026	830	12	<2	<1
A6	03 Aug 2026	830	18	<2	<1
A6	10 Aug 2026	754	1	<2	<1
A6	10 Aug 2026	754	12	<2	<1
A6	10 Aug 2026	754	18	<2	<1
A6	17 Aug 2026	808	1	<2	<1
A6	17 Aug 2026	808	12	<2	<1
A6	17 Aug 2026	808	18	2e	<1
A6	25 Aug 2026	812	1	<2	<1
A6	25 Aug 2026	812	12	<2	<1
A6	25 Aug 2026	812	18	<2	<1
A7	03 Aug 2026	819	1	<2	<1
A7	03 Aug 2026	819	12	2e	<1
A7	03 Aug 2026	819	18	4e	1
A7	10 Aug 2026	741	1	<2	1
A7	10 Aug 2026	741	12	<2	<1
A7	10 Aug 2026	741	18	2e	<1
A7	17 Aug 2026	750	1	<2	<1
A7	17 Aug 2026	750	12	<2	1
A7	17 Aug 2026	750	18	4e	<1
A7	25 Aug 2026	800	1	<2	<1
A7	25 Aug 2026	800	12	<2	<1
A7	25 Aug 2026	800	18	<2	<1
C4	03 Aug 2026	927	1	2e	<1
C4	03 Aug 2026	927	3	<2	<1
C4	03 Aug 2026	927	9	<2	<1
C4	10 Aug 2026	858	1	<2	1
C4	10 Aug 2026	858	3	<2	<1
C4	10 Aug 2026	858	9	<2	<1

Station	Date	Time	Depth	Fecal	Entero
C4	17 Aug 2026	924	1	<2	<1
C4	17 Aug 2026	924	3	<2	<1
C4	17 Aug 2026	924	9	<2	<1
C4	25 Aug 2026	922	1	<2	<1
C4	25 Aug 2026	922	3	<2	<1
C4	25 Aug 2026	922	9	<2	<1
C5	03 Aug 2026	919	1	<2	<1
C5	03 Aug 2026	919	3	<2	<1
C5	03 Aug 2026	919	9	<2	<1
C5	10 Aug 2026	848	1	<2	<1
C5	10 Aug 2026	848	3	<2	<1
C5	10 Aug 2026	848	9	<2	<1
C5	17 Aug 2026	913	1	<2	<1
C5	17 Aug 2026	913	3	<2	<1
C5	17 Aug 2026	913	9	<2	<1
C5	25 Aug 2026	911	1	<2	<1
C5	25 Aug 2026	911	3	<2	<1
C5	25 Aug 2026	911	9	<2	<1
C6	03 Aug 2026	911	1	<2	<1
C6	03 Aug 2026	911	3	<2	<1
C6	03 Aug 2026	911	9	<2	<1
C6	10 Aug 2026	838	1	<2	<1
C6	10 Aug 2026	838	3	<2	<1
C6	10 Aug 2026	838	9	<2	<1
C6	17 Aug 2026	900	1	<2	<1
C6	17 Aug 2026	900	3	<2	<1
C6	17 Aug 2026	900	9	<2	<1
C6	25 Aug 2026	859	1	2e	<1
C6	25 Aug 2026	859	3	<2	<1
C6	25 Aug 2026	859	9	<2	1
C7	03 Aug 2026	842	1	<2	<1
C7	03 Aug 2026	842	12	<2	<1
C7	03 Aug 2026	842	18	<2	<1
C7	10 Aug 2026	807	1	2e	<1
C7	10 Aug 2026	807	12	<2	<1
C7	10 Aug 2026	807	18	<2	<1
C7	17 Aug 2026	831	1	<2	<1
C7	17 Aug 2026	831	12	<2	<1
C7	17 Aug 2026	831	18	4e	<1
C7	25 Aug 2026	828	1	<2	<1
C7	25 Aug 2026	828	12	<2	<1
C7	25 Aug 2026	828	18	<2	<1
C8	03 Aug 2026	853	1	<2	<1
C8	03 Aug 2026	853	12	<2	<1
C8	03 Aug 2026	853	18	<2	<1

Station	Date	Time	Depth	Fecal	Entero
C8	10 Aug 2026	818	1	<2	<1
C8	10 Aug 2026	818	12	<2	1
C8	10 Aug 2026	818	18	<2	<1
C8	17 Aug 2026	842	1	<2	<1
C8	17 Aug 2026	842	12	<2	<1
C8	17 Aug 2026	842	18	<2	<1
C8	25 Aug 2026	840	1	<2	1
C8	25 Aug 2026	840	12	<2	<1
C8	25 Aug 2026	840	18	<2	<1

ns = not sampled
ND = no data

Table 3.6

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

Station	Date	Parameter	Value
A1	03 Aug 2026	Arrive Time	806
A1	03 Aug 2026	Depart Time	814
A1	03 Aug 2026	Air Temp (C)	21.1
A1	03 Aug 2026	Visibility (mi)	9
A1	03 Aug 2026	Wind Speed (kts)	4.3
A1	03 Aug 2026	Wind Dir	W
A1	03 Aug 2026	Sea State	Calm
A1	03 Aug 2026	High Tide Time	1254
A1	03 Aug 2026	Low Tide Time	618
A1	03 Aug 2026	Comments	Kelp Detritus on CTD
A1	10 Aug 2026	Arrive Time	730
A1	10 Aug 2026	Depart Time	740
A1	10 Aug 2026	Air Temp (C)	21.5
A1	10 Aug 2026	Visibility (mi)	8
A1	10 Aug 2026	Wind Speed (kts)	1.5
A1	10 Aug 2026	Wind Dir	E
A1	10 Aug 2026	Sea State	Light Chop
A1	10 Aug 2026	High Tide Time	1954
A1	10 Aug 2026	Low Tide Time	230
A1	10 Aug 2026	Comments	
A1	17 Aug 2026	Arrive Time	732
A1	17 Aug 2026	Depart Time	740
A1	17 Aug 2026	Air Temp (C)	20.1
A1	17 Aug 2026	Visibility (mi)	10
A1	17 Aug 2026	Wind Speed (kts)	1.2
A1	17 Aug 2026	Wind Dir	NW
A1	17 Aug 2026	Sea State	Calm
A1	17 Aug 2026	High Tide Time	1248
A1	17 Aug 2026	Low Tide Time	618
A1	17 Aug 2026	Comments	Possible pH sensor failure - will perform post-cruise calibration later today.
A1	25 Aug 2026	Arrive Time	748
A1	25 Aug 2026	Depart Time	754
A1	25 Aug 2026	Air Temp (C)	23.8
A1	25 Aug 2026	Visibility (mi)	7
A1	25 Aug 2026	Wind Speed (kts)	2.2
A1	25 Aug 2026	Wind Dir	SE
A1	25 Aug 2026	Sea State	Calm
A1	25 Aug 2026	High Tide Time	2012
A1	25 Aug 2026	Low Tide Time	242
A1	25 Aug 2026	Comments	Niskin bottle 3 failed; recast; fired Niskin 4 to get sample at depth
C4	03 Aug 2026	Arrive Time	927
C4	03 Aug 2026	Depart Time	931
C4	03 Aug 2026	Air Temp (C)	21.1
C4	03 Aug 2026	Visibility (mi)	9
C4	03 Aug 2026	Wind Speed (kts)	5.1
C4	03 Aug 2026	Wind Dir	SE
C4	03 Aug 2026	Sea State	Calm
C4	03 Aug 2026	High Tide Time	1254
C4	03 Aug 2026	Low Tide Time	618
C4	03 Aug 2026	Comments	

Station	Date	Parameter	Value
C4	10 Aug 2026	Arrive Time	858
C4	10 Aug 2026	Depart Time	905
C4	10 Aug 2026	Air Temp (C)	21.5
C4	10 Aug 2026	Visibility (mi)	8
C4	10 Aug 2026	Wind Speed (kts)	1.6
C4	10 Aug 2026	Wind Dir	NE
C4	10 Aug 2026	Sea State	Regular Swell
C4	10 Aug 2026	High Tide Time	1954
C4	10 Aug 2026	Low Tide Time	230
C4	10 Aug 2026	Comments	
C4	17 Aug 2026	Arrive Time	924
C4	17 Aug 2026	Depart Time	927
C4	17 Aug 2026	Air Temp (C)	20.5
C4	17 Aug 2026	Visibility (mi)	10
C4	17 Aug 2026	Wind Speed (kts)	3.2
C4	17 Aug 2026	Wind Dir	SW
C4	17 Aug 2026	Sea State	Calm
C4	17 Aug 2026	High Tide Time	1248
C4	17 Aug 2026	Low Tide Time	618
C4	17 Aug 2026	Comments	Kelp Debris
C4	25 Aug 2026	Arrive Time	922
C4	25 Aug 2026	Depart Time	926
C4	25 Aug 2026	Air Temp (C)	24.5
C4	25 Aug 2026	Visibility (mi)	7
C4	25 Aug 2026	Wind Speed (kts)	2
C4	25 Aug 2026	Wind Dir	W
C4	25 Aug 2026	Sea State	Calm
C4	25 Aug 2026	High Tide Time	2012
C4	25 Aug 2026	Low Tide Time	242
C4	25 Aug 2026	Comments	
A7	03 Aug 2026	Arrive Time	819
A7	03 Aug 2026	Depart Time	824
A7	03 Aug 2026	Air Temp (C)	21.3
A7	03 Aug 2026	Visibility (mi)	9
A7	03 Aug 2026	Wind Speed (kts)	8.7
A7	03 Aug 2026	Wind Dir	W
A7	03 Aug 2026	Sea State	Calm
A7	03 Aug 2026	High Tide Time	1254
A7	03 Aug 2026	Low Tide Time	618
A7	03 Aug 2026	Comments	
A7	10 Aug 2026	Arrive Time	741
A7	10 Aug 2026	Depart Time	750
A7	10 Aug 2026	Air Temp (C)	20.9
A7	10 Aug 2026	Visibility (mi)	8
A7	10 Aug 2026	Wind Speed (kts)	2.5
A7	10 Aug 2026	Wind Dir	NE
A7	10 Aug 2026	Sea State	Light Chop
A7	10 Aug 2026	High Tide Time	1954
A7	10 Aug 2026	Low Tide Time	230
A7	10 Aug 2026	Comments	
A7	17 Aug 2026	Arrive Time	750
A7	17 Aug 2026	Depart Time	759
A7	17 Aug 2026	Air Temp (C)	20.6
A7	17 Aug 2026	Visibility (mi)	10
A7	17 Aug 2026	Wind Speed (kts)	1.8

Station	Date	Parameter	Value
A7	17 Aug 2026	Wind Dir	NW
A7	17 Aug 2026	Sea State	Calm
A7	17 Aug 2026	High Tide Time	1248
A7	17 Aug 2026	Low Tide Time	618
A7	17 Aug 2026	Comments	
A7	25 Aug 2026	Arrive Time	800
A7	25 Aug 2026	Depart Time	805
A7	25 Aug 2026	Air Temp (C)	22.2
A7	25 Aug 2026	Visibility (mi)	7
A7	25 Aug 2026	Wind Speed (kts)	2.4
A7	25 Aug 2026	Wind Dir	SW
A7	25 Aug 2026	Sea State	Calm
A7	25 Aug 2026	High Tide Time	2012
A7	25 Aug 2026	Low Tide Time	242
A7	25 Aug 2026	Comments	
C5	03 Aug 2026	Arrive Time	919
C5	03 Aug 2026	Depart Time	924
C5	03 Aug 2026	Air Temp (C)	21.1
C5	03 Aug 2026	Visibility (mi)	9
C5	03 Aug 2026	Wind Speed (kts)	5.6
C5	03 Aug 2026	Wind Dir	SE
C5	03 Aug 2026	Sea State	Calm
C5	03 Aug 2026	High Tide Time	1254
C5	03 Aug 2026	Low Tide Time	618
C5	03 Aug 2026	Comments	
C5	10 Aug 2026	Arrive Time	848
C5	10 Aug 2026	Depart Time	852
C5	10 Aug 2026	Air Temp (C)	21.6
C5	10 Aug 2026	Visibility (mi)	8
C5	10 Aug 2026	Wind Speed (kts)	1.4
C5	10 Aug 2026	Wind Dir	E
C5	10 Aug 2026	Sea State	Regular Swell
C5	10 Aug 2026	High Tide Time	1954
C5	10 Aug 2026	Low Tide Time	230
C5	10 Aug 2026	Comments	
C5	17 Aug 2026	Arrive Time	913
C5	17 Aug 2026	Depart Time	918
C5	17 Aug 2026	Air Temp (C)	20.7
C5	17 Aug 2026	Visibility (mi)	10
C5	17 Aug 2026	Wind Speed (kts)	0.9
C5	17 Aug 2026	Wind Dir	W
C5	17 Aug 2026	Sea State	Calm
C5	17 Aug 2026	High Tide Time	1248
C5	17 Aug 2026	Low Tide Time	618
C5	17 Aug 2026	Comments	Kelp
C5	25 Aug 2026	Arrive Time	911
C5	25 Aug 2026	Depart Time	915
C5	25 Aug 2026	Air Temp (C)	24.5
C5	25 Aug 2026	Visibility (mi)	7
C5	25 Aug 2026	Wind Speed (kts)	1.9
C5	25 Aug 2026	Wind Dir	NW
C5	25 Aug 2026	Sea State	Calm
C5	25 Aug 2026	High Tide Time	2012
C5	25 Aug 2026	Low Tide Time	242
C5	25 Aug 2026	Comments	

Station	Date	Parameter	Value
A6	03 Aug 2026	Arrive Time	830
A6	03 Aug 2026	Depart Time	834
A6	03 Aug 2026	Air Temp (C)	21.4
A6	03 Aug 2026	Visibility (mi)	9
A6	03 Aug 2026	Wind Speed (kts)	9.2
A6	03 Aug 2026	Wind Dir	SW
A6	03 Aug 2026	Sea State	Calm
A6	03 Aug 2026	High Tide Time	1254
A6	03 Aug 2026	Low Tide Time	618
A6	03 Aug 2026	Comments	
A6	10 Aug 2026	Arrive Time	754
A6	10 Aug 2026	Depart Time	759
A6	10 Aug 2026	Air Temp (C)	21
A6	10 Aug 2026	Visibility (mi)	8
A6	10 Aug 2026	Wind Speed (kts)	3.1
A6	10 Aug 2026	Wind Dir	NE
A6	10 Aug 2026	Sea State	Light Chop
A6	10 Aug 2026	High Tide Time	1954
A6	10 Aug 2026	Low Tide Time	230
A6	10 Aug 2026	Comments	Kelp
A6	17 Aug 2026	Arrive Time	808
A6	17 Aug 2026	Depart Time	823
A6	17 Aug 2026	Air Temp (C)	20.8
A6	17 Aug 2026	Visibility (mi)	10
A6	17 Aug 2026	Wind Speed (kts)	0.3
A6	17 Aug 2026	Wind Dir	NW
A6	17 Aug 2026	Sea State	Calm
A6	17 Aug 2026	High Tide Time	1248
A6	17 Aug 2026	Low Tide Time	618
A6	17 Aug 2026	Comments	Multiple cast attempts due to CTD depth
A6	25 Aug 2026	Arrive Time	812
A6	25 Aug 2026	Depart Time	817
A6	25 Aug 2026	Air Temp (C)	22.6
A6	25 Aug 2026	Visibility (mi)	7
A6	25 Aug 2026	Wind Speed (kts)	3
A6	25 Aug 2026	Wind Dir	N
A6	25 Aug 2026	Sea State	Calm
A6	25 Aug 2026	High Tide Time	2012
A6	25 Aug 2026	Low Tide Time	242
A6	25 Aug 2026	Comments	
C6	03 Aug 2026	Arrive Time	911
C6	03 Aug 2026	Depart Time	914
C6	03 Aug 2026	Air Temp (C)	21.2
C6	03 Aug 2026	Visibility (mi)	9
C6	03 Aug 2026	Wind Speed (kts)	1.3
C6	03 Aug 2026	Wind Dir	NE
C6	03 Aug 2026	Sea State	Calm
C6	03 Aug 2026	High Tide Time	1254
C6	03 Aug 2026	Low Tide Time	618
C6	03 Aug 2026	Comments	
C6	10 Aug 2026	Arrive Time	838
C6	10 Aug 2026	Depart Time	842
C6	10 Aug 2026	Air Temp (C)	21.4
C6	10 Aug 2026	Visibility (mi)	8
C6	10 Aug 2026	Wind Speed (kts)	2.1
C6	10 Aug 2026	Wind Dir	NE

Station	Date	Parameter	Value
C6	10 Aug 2026	Sea State	Regular Swell
C6	10 Aug 2026	High Tide Time	1954
C6	10 Aug 2026	Low Tide Time	230
C6	10 Aug 2026	Comments	
C6	17 Aug 2026	Arrive Time	900
C6	17 Aug 2026	Depart Time	913
C6	17 Aug 2026	Air Temp (C)	20.7
C6	17 Aug 2026	Visibility (mi)	10
C6	17 Aug 2026	Wind Speed (kts)	0.6
C6	17 Aug 2026	Wind Dir	SW
C6	17 Aug 2026	Sea State	Calm
C6	17 Aug 2026	High Tide Time	1248
C6	17 Aug 2026	Low Tide Time	618
C6	17 Aug 2026	Comments	
C6	25 Aug 2026	Arrive Time	859
C6	25 Aug 2026	Depart Time	905
C6	25 Aug 2026	Air Temp (C)	24.4
C6	25 Aug 2026	Visibility (mi)	7
C6	25 Aug 2026	Wind Speed (kts)	3.5
C6	25 Aug 2026	Wind Dir	W
C6	25 Aug 2026	Sea State	Calm
C6	25 Aug 2026	High Tide Time	2012
C6	25 Aug 2026	Low Tide Time	242
C6	25 Aug 2026	Comments	
C7	03 Aug 2026	Arrive Time	842
C7	03 Aug 2026	Depart Time	847
C7	03 Aug 2026	Air Temp (C)	21.3
C7	03 Aug 2026	Visibility (mi)	9
C7	03 Aug 2026	Wind Speed (kts)	4
C7	03 Aug 2026	Wind Dir	W
C7	03 Aug 2026	Sea State	Calm
C7	03 Aug 2026	High Tide Time	1254
C7	03 Aug 2026	Low Tide Time	618
C7	03 Aug 2026	Comments	
C7	10 Aug 2026	Arrive Time	807
C7	10 Aug 2026	Depart Time	811
C7	10 Aug 2026	Air Temp (C)	21.4
C7	10 Aug 2026	Visibility (mi)	8
C7	10 Aug 2026	Wind Speed (kts)	3.1
C7	10 Aug 2026	Wind Dir	E
C7	10 Aug 2026	Sea State	Regular Swell
C7	10 Aug 2026	High Tide Time	1954
C7	10 Aug 2026	Low Tide Time	230
C7	10 Aug 2026	Comments	
C7	17 Aug 2026	Arrive Time	831
C7	17 Aug 2026	Depart Time	837
C7	17 Aug 2026	Air Temp (C)	20.8
C7	17 Aug 2026	Visibility (mi)	10
C7	17 Aug 2026	Wind Speed (kts)	0.7
C7	17 Aug 2026	Wind Dir	W
C7	17 Aug 2026	Sea State	Calm
C7	17 Aug 2026	High Tide Time	1248
C7	17 Aug 2026	Low Tide Time	618
C7	17 Aug 2026	Comments	Kelp
C7	25 Aug 2026	Arrive Time	828

Station	Date	Parameter	Value
C7	25 Aug 2026	Depart Time	832
C7	25 Aug 2026	Air Temp (C)	22.9
C7	25 Aug 2026	Visibility (mi)	7
C7	25 Aug 2026	Wind Speed (kts)	1.7
C7	25 Aug 2026	Wind Dir	W
C7	25 Aug 2026	Sea State	Calm
C7	25 Aug 2026	High Tide Time	2012
C7	25 Aug 2026	Low Tide Time	242
C7	25 Aug 2026	Comments	
C8	03 Aug 2026	Arrive Time	853
C8	03 Aug 2026	Depart Time	858
C8	03 Aug 2026	Air Temp (C)	21.3
C8	03 Aug 2026	Visibility (mi)	9
C8	03 Aug 2026	Wind Speed (kts)	6.8
C8	03 Aug 2026	Wind Dir	W
C8	03 Aug 2026	Sea State	Calm
C8	03 Aug 2026	High Tide Time	1254
C8	03 Aug 2026	Low Tide Time	618
C8	03 Aug 2026	Comments	Kelp Detritus
C8	10 Aug 2026	Arrive Time	818
C8	10 Aug 2026	Depart Time	823
C8	10 Aug 2026	Air Temp (C)	21.6
C8	10 Aug 2026	Visibility (mi)	8
C8	10 Aug 2026	Wind Speed (kts)	1.3
C8	10 Aug 2026	Wind Dir	SE
C8	10 Aug 2026	Sea State	Regular Swell
C8	10 Aug 2026	High Tide Time	1954
C8	10 Aug 2026	Low Tide Time	230
C8	10 Aug 2026	Comments	Kelp Debris
C8	17 Aug 2026	Arrive Time	842
C8	17 Aug 2026	Depart Time	847
C8	17 Aug 2026	Air Temp (C)	20.9
C8	17 Aug 2026	Visibility (mi)	10
C8	17 Aug 2026	Wind Speed (kts)	1.4
C8	17 Aug 2026	Wind Dir	W
C8	17 Aug 2026	Sea State	Calm
C8	17 Aug 2026	High Tide Time	1248
C8	17 Aug 2026	Low Tide Time	618
C8	17 Aug 2026	Comments	Kelp Debris
C8	25 Aug 2026	Arrive Time	840
C8	25 Aug 2026	Depart Time	844
C8	25 Aug 2026	Air Temp (C)	23.1
C8	25 Aug 2026	Visibility (mi)	7
C8	25 Aug 2026	Wind Speed (kts)	3.4
C8	25 Aug 2026	Wind Dir	W
C8	25 Aug 2026	Sea State	Calm
C8	25 Aug 2026	High Tide Time	2012
C8	25 Aug 2026	Low Tide Time	242
C8	25 Aug 2026	Comments	

Table 3.7

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)	CDOM (ppb)
A1	03 Aug 2026	1	21.12	88.97	7.6	33.49	8.1	23.3	0.71	0.72
A1	03 Aug 2026	2	21.09	91.74	7.7	33.48	8.1	23.3	0.80	0.70
A1	03 Aug 2026	3	20.72	92.76	7.7	33.47	8.2	23.4	0.95	0.77
A1	03 Aug 2026	4	20.45	92.12	7.7	33.47	8.2	23.5	1.09	0.80
A1	03 Aug 2026	5	20.29	91.60	7.8	33.44	8.1	23.5	1.13	0.81
A1	03 Aug 2026	6	20.26	91.54	7.8	33.44	8.1	23.5	1.18	0.81
A1	03 Aug 2026	7	20.20	91.51	7.8	33.44	8.1	23.5	1.19	0.82
A1	03 Aug 2026	8	19.90	91.21	7.5	33.47	8.1	23.6	1.16	0.80
A1	03 Aug 2026	9	18.31	90.53	7.5	33.49	8.1	24.0	1.33	0.83
A1	03 Aug 2026	10	17.33	90.16	7.6	33.47	8.1	24.3	1.80	0.87
A1	03 Aug 2026	11	15.92	90.51	7.7	33.45	8.1	24.6	2.05	0.86
A1	03 Aug 2026	12	15.47	91.28	7.8	33.37	8.1	24.6	2.23	0.86
A1	03 Aug 2026	13	15.22	91.69	7.7	33.36	8.1	24.7	2.25	0.88
A1	03 Aug 2026	14	15.01	92.10	7.7	33.36	8.1	24.7	2.02	0.87
A1	03 Aug 2026	15	14.85	92.48	7.7	33.35	8.1	24.7	1.80	0.84
A1	03 Aug 2026	16	14.75	93.21	7.6	33.33	8.1	24.7	1.68	0.85
A1	03 Aug 2026	17	14.55	93.35	7.5	33.36	8.1	24.8	1.45	0.85
A1	03 Aug 2026	18	14.46	93.46	7.4	33.35	8.0	24.8	1.18	0.84
A1	03 Aug 2026	19	14.37	93.43	7.3	33.36	8.0	24.8	1.14	0.84
A1	10 Aug 2026	1	20.77	94.45	7.7	33.40	8.1	23.3	0.36	0.71
A1	10 Aug 2026	2	20.73	94.05	7.7	33.40	8.1	23.3	0.39	0.71
A1	10 Aug 2026	3	20.68	94.22	7.7	33.40	8.1	23.4	0.42	0.71
A1	10 Aug 2026	4	20.66	94.31	7.7	33.40	8.1	23.4	0.42	0.72
A1	10 Aug 2026	5	20.57	94.40	7.8	33.40	8.1	23.4	0.41	0.71
A1	10 Aug 2026	6	20.55	94.38	7.8	33.39	8.1	23.4	0.42	0.72
A1	10 Aug 2026	7	20.49	94.30	7.8	33.39	8.1	23.4	0.42	0.71
A1	10 Aug 2026	8	20.42	94.17	7.7	33.39	8.1	23.4	0.44	0.76
A1	10 Aug 2026	9	20.31	94.00	7.7	33.39	8.1	23.4	0.46	0.74
A1	10 Aug 2026	10	20.07	93.88	7.8	33.40	8.1	23.5	0.51	0.76
A1	10 Aug 2026	11	19.90	93.21	7.9	33.38	8.1	23.6	0.62	0.77
A1	10 Aug 2026	12	19.86	92.30	7.9	33.38	8.1	23.6	0.70	0.78
A1	10 Aug 2026	13	19.36	91.62	7.8	33.40	8.1	23.7	0.76	0.78
A1	10 Aug 2026	14	19.10	90.90	7.7	33.38	8.1	23.8	1.02	0.81
A1	10 Aug 2026	15	18.13	90.05	7.7	33.46	8.1	24.1	1.26	0.83
A1	10 Aug 2026	16	16.79	89.43	7.8	33.39	8.1	24.3	1.27	0.85
A1	10 Aug 2026	17	16.31	89.55	7.7	33.36	8.1	24.4	1.28	0.87
A1	10 Aug 2026	18	16.14	90.14	7.7	33.32	8.1	24.4	1.26	0.90
A1	10 Aug 2026	19	16.44	90.19	7.8	33.20	8.1	24.3	1.23	0.96
A1	25 Aug 2026	1	20.45	86.81	7.7	33.39	8.1	23.4	1.24	0.89
A1	25 Aug 2026	2	19.66	85.76	7.7	33.39	8.1	23.6	1.39	0.91
A1	25 Aug 2026	3	18.95	84.72	7.9	33.35	8.1	23.8	1.39	0.89
A1	25 Aug 2026	4	18.71	84.61	7.9	33.34	8.1	23.8	1.39	0.84
A1	25 Aug 2026	5	18.59	85.12	7.9	33.33	8.1	23.8	1.51	0.84
A1	25 Aug 2026	6	18.51	84.75	7.9	33.33	8.1	23.9	1.58	0.84
A1	25 Aug 2026	7	18.43	85.27	7.8	33.32	8.1	23.9	1.64	0.84
A1	25 Aug 2026	8	18.37	86.21	7.8	33.32	8.1	23.9	1.66	0.88
A1	25 Aug 2026	9	18.28	86.34	7.8	33.32	8.1	23.9	1.66	0.88
A1	25 Aug 2026	10	18.21	86.72	7.8	33.32	8.1	23.9	1.64	0.87
A1	25 Aug 2026	11	18.12	86.80	7.7	33.33	8.1	24.0	1.65	0.91
A1	25 Aug 2026	12	17.91	86.87	7.6	33.33	8.1	24.0	1.59	0.90
A1	25 Aug 2026	13	17.72	87.18	7.6	33.33	8.1	24.1	1.50	0.94
A1	25 Aug 2026	14	17.64	87.32	7.5	33.32	8.0	24.1	1.40	0.95
A1	25 Aug 2026	15	17.52	87.00	7.5	33.32	8.0	24.1	1.27	0.97
A1	25 Aug 2026	16	17.34	86.82	7.3	33.33	8.0	24.1	1.16	0.99
A1	25 Aug 2026	17	16.76	86.60	7.0	33.33	8.0	24.3	0.88	1.03
A1	25 Aug 2026	18	16.62	86.19	6.8	33.32	8.0	24.3	0.59	1.08
A1	25 Aug 2026	19	16.37	85.53	6.7	33.32	8.0	24.4	0.49	1.09
A1	25 Aug 2026	20	16.15	84.82	6.8	33.33	8.0	24.4	0.43	1.07
C4	03 Aug 2026	1	22.70	90.43	7.2	33.51	8.2	22.9	0.71	0.78
C4	03 Aug 2026	2	22.70	90.52	7.1	33.52	8.2	22.9	0.74	0.77
C4	03 Aug 2026	3	22.53	90.44	7.1	33.52	8.2	22.9	0.73	0.78
C4	03 Aug 2026	4	21.94	90.36	7.1	33.54	8.2	23.1	0.75	0.80
C4	03 Aug 2026	5	20.38	89.71	7.1	33.54	8.1	23.5	0.95	0.85
C4	03 Aug 2026	6	19.25	89.60	7.0	33.45	8.1	23.8	1.29	0.90
C4	03 Aug 2026	7	18.27	89.02	7.0	33.44	8.1	24.0	1.32	0.96

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
C4	03 Aug 2026	8	17.24	86.42	7.3	33.38	8.1	24.2	2.11	1.00
C4	03 Aug 2026	9	17.06	85.45	7.0	33.35	8.1	24.2	2.09	0.98
C4	03 Aug 2026	10	16.70	87.25	6.8	33.34	8.1	24.3	1.60	0.98
C4	03 Aug 2026	11	16.60	86.47	6.8	33.33	8.1	24.3	0.78	1.02
C4	10 Aug 2026	1	20.03	87.56	8.0	33.40	8.1	23.5	0.98	0.88
C4	10 Aug 2026	2	20.03	87.37	8.0	33.39	8.1	23.5	1.01	0.89
C4	10 Aug 2026	3	19.82	87.26	7.9	33.40	8.1	23.6	1.07	0.88
C4	10 Aug 2026	4	19.22	87.53	8.0	33.40	8.1	23.7	1.14	0.88
C4	10 Aug 2026	5	18.82	87.59	8.1	33.37	8.1	23.8	1.16	0.85
C4	10 Aug 2026	6	18.35	87.94	8.1	33.36	8.1	23.9	1.13	0.86
C4	10 Aug 2026	7	18.12	88.24	8.0	33.34	8.1	24.0	1.07	0.87
C4	10 Aug 2026	8	17.93	88.03	7.8	33.35	8.1	24.0	1.01	0.89
C4	10 Aug 2026	9	17.17	87.90	7.7	33.35	8.1	24.2	0.99	0.91
C4	10 Aug 2026	10	16.76	87.46	7.7	33.32	8.1	24.3	0.75	0.96
C4	10 Aug 2026	11	16.70	86.28	7.6	33.31	8.1	24.3	0.51	1.01
C4	10 Aug 2026	12	16.69	84.50	7.6	33.31	8.1	24.3	0.56	1.04
C4	25 Aug 2026	1	21.20	87.14	7.5	33.35	8.1	23.2	0.61	0.82
C4	25 Aug 2026	2	21.06	87.00	7.4	33.36	8.1	23.2	0.63	0.82
C4	25 Aug 2026	3	20.49	85.71	7.4	33.39	8.1	23.4	0.72	0.85
C4	25 Aug 2026	4	19.71	85.14	7.2	33.41	8.1	23.6	1.38	0.93
C4	25 Aug 2026	5	19.20	82.94	7.3	33.43	8.0	23.8	1.57	1.00
C4	25 Aug 2026	6	18.78	78.51	7.3	33.34	8.0	23.8	1.25	0.98
C4	25 Aug 2026	7	18.48	62.67	7.3	33.34	8.0	23.9	1.12	0.96
C4	25 Aug 2026	8	18.28	57.01	7.4	33.33	8.0	23.9	1.11	0.94
C4	25 Aug 2026	9	18.10	57.42	7.3	33.32	8.0	24.0	1.07	0.94
C4	25 Aug 2026	10	17.89	68.33	7.1	33.32	8.0	24.0	0.81	0.97
C4	25 Aug 2026	11	17.75	73.62	7.0	33.32	8.0	24.0	0.59	1.05
C4	25 Aug 2026	12	17.74	73.90	7.0	33.31	8.0	24.0	0.50	1.13
A7	03 Aug 2026	1	22.95	94.72	7.1	33.54	8.1	22.8	0.46	0.62
A7	03 Aug 2026	2	22.93	94.99	7.1	33.54	8.1	22.8	0.44	0.61
A7	03 Aug 2026	3	22.76	95.46	7.1	33.55	8.1	22.9	0.46	0.63
A7	03 Aug 2026	4	21.96	95.49	7.3	33.53	8.1	23.1	0.45	0.62
A7	03 Aug 2026	5	21.26	95.46	7.4	33.54	8.1	23.3	0.48	0.65
A7	03 Aug 2026	6	20.04	94.97	7.8	33.48	8.2	23.6	0.78	0.71
A7	03 Aug 2026	7	19.83	93.34	7.9	33.43	8.2	23.6	1.22	0.77
A7	03 Aug 2026	8	19.37	91.54	7.9	33.44	8.2	23.7	1.36	0.80
A7	03 Aug 2026	9	18.70	90.78	7.9	33.42	8.2	23.9	1.47	0.81
A7	03 Aug 2026	10	18.51	90.37	7.9	33.40	8.1	23.9	1.55	0.82
A7	03 Aug 2026	11	18.29	90.64	7.8	33.41	8.1	24.0	1.55	0.82
A7	03 Aug 2026	12	17.81	91.09	7.6	33.41	8.1	24.1	1.53	0.82
A7	03 Aug 2026	13	16.54	91.40	7.6	33.45	8.1	24.4	1.22	0.84
A7	03 Aug 2026	14	15.77	92.04	7.6	33.40	8.1	24.6	1.18	0.83
A7	03 Aug 2026	15	15.08	92.76	7.5	33.36	8.1	24.7	1.09	0.83
A7	03 Aug 2026	16	14.76	93.21	7.5	33.36	8.1	24.8	1.14	0.82
A7	03 Aug 2026	17	14.11	93.58	7.3	33.35	8.1	24.9	1.13	0.81
A7	03 Aug 2026	18	14.04	93.89	7.2	33.33	8.0	24.9	1.10	0.79
A7	03 Aug 2026	19	13.99	93.96	7.1	33.33	8.0	24.9	1.07	0.80
A7	10 Aug 2026	1	20.15	93.77	7.6	33.39	8.1	23.5	0.46	0.75
A7	10 Aug 2026	2	19.69	93.58	7.7	33.42	8.1	23.6	0.50	0.76
A7	10 Aug 2026	3	18.82	93.13	7.9	33.39	8.1	23.8	0.60	0.78
A7	10 Aug 2026	4	18.75	92.96	8.0	33.36	8.1	23.8	0.65	0.80
A7	10 Aug 2026	5	18.72	93.27	8.0	33.36	8.1	23.8	0.64	0.79
A7	10 Aug 2026	6	18.70	93.35	8.0	33.35	8.1	23.8	0.65	0.79
A7	10 Aug 2026	7	18.69	93.23	8.0	33.35	8.1	23.8	0.66	0.79
A7	10 Aug 2026	8	18.69	93.07	8.0	33.35	8.1	23.8	0.64	0.78
A7	10 Aug 2026	9	18.72	93.19	8.0	33.35	8.1	23.8	0.65	0.80
A7	10 Aug 2026	10	18.72	93.25	8.0	33.36	8.1	23.8	0.66	0.81
A7	10 Aug 2026	11	18.67	93.31	7.9	33.36	8.1	23.9	0.65	0.78
A7	10 Aug 2026	12	18.50	93.32	7.9	33.36	8.1	23.9	0.68	0.79
A7	10 Aug 2026	13	18.33	93.27	7.8	33.38	8.1	23.9	0.69	0.82
A7	10 Aug 2026	14	17.82	93.22	7.8	33.37	8.1	24.1	0.71	0.81
A7	10 Aug 2026	15	17.45	93.09	7.7	33.38	8.1	24.2	0.74	0.83
A7	10 Aug 2026	16	17.09	92.82	7.7	33.35	8.1	24.2	0.79	0.86
A7	10 Aug 2026	17	16.95	92.94	7.6	33.35	8.1	24.3	0.76	0.87
A7	10 Aug 2026	18	15.88	92.95	7.5	33.41	8.1	24.6	0.74	0.87
A7	10 Aug 2026	19	15.23	93.03	7.4	33.35	8.0	24.7	0.75	0.91
A7	25 Aug 2026	1	21.01	90.27	8.0	33.36	8.1	23.2	0.87	0.78
A7	25 Aug 2026	2	20.82	90.24	7.8	33.37	8.1	23.3	0.90	0.77
A7	25 Aug 2026	3	19.45	90.10	8.0	33.36	8.1	23.7	1.00	0.75

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
A7	25 Aug 2026	4	19.35	89.87	8.1	33.33	8.1	23.7	1.02	0.72
A7	25 Aug 2026	5	19.28	90.30	8.0	33.33	8.1	23.7	1.02	0.72
A7	25 Aug 2026	6	19.13	90.35	8.0	33.33	8.1	23.7	1.05	0.74
A7	25 Aug 2026	7	19.13	90.00	8.0	33.33	8.1	23.7	1.23	0.77
A7	25 Aug 2026	8	18.87	89.85	8.0	33.34	8.1	23.8	1.24	0.78
A7	25 Aug 2026	9	18.64	89.40	8.0	33.34	8.1	23.8	1.38	0.83
A7	25 Aug 2026	10	18.56	88.54	7.9	33.34	8.1	23.9	1.47	0.86
A7	25 Aug 2026	11	18.39	88.30	7.8	33.34	8.1	23.9	1.49	0.84
A7	25 Aug 2026	12	17.67	88.18	7.8	33.34	8.1	24.1	1.54	0.85
A7	25 Aug 2026	13	17.39	88.34	7.9	33.33	8.1	24.1	1.49	0.87
A7	25 Aug 2026	14	17.34	88.51	7.8	33.33	8.1	24.2	1.53	0.89
A7	25 Aug 2026	15	17.19	89.01	7.9	33.32	8.1	24.2	1.45	0.87
A7	25 Aug 2026	16	17.08	89.36	7.8	33.33	8.1	24.2	1.40	0.88
A7	25 Aug 2026	17	17.03	89.91	7.7	33.32	8.1	24.2	1.28	0.88
A7	25 Aug 2026	18	16.65	91.46	7.4	33.34	8.1	24.3	1.22	0.86
A7	25 Aug 2026	19	16.53	91.24	7.4	33.33	8.0	24.3	0.68	0.94
C5	03 Aug 2026	1	23.13	94.37	7.2	33.54	8.2	22.8	0.59	0.67
C5	03 Aug 2026	2	23.13	94.40	7.2	33.54	8.2	22.8	0.60	0.67
C5	03 Aug 2026	3	23.12	94.42	7.2	33.54	8.2	22.8	0.61	0.68
C5	03 Aug 2026	4	23.11	94.42	7.2	33.54	8.2	22.8	0.60	0.66
C5	03 Aug 2026	5	22.40	94.62	7.3	33.56	8.2	23.0	0.61	0.68
C5	03 Aug 2026	6	21.76	94.48	7.5	33.50	8.2	23.1	0.71	0.72
C5	03 Aug 2026	7	21.45	94.07	7.5	33.49	8.2	23.2	0.82	0.78
C5	03 Aug 2026	8	21.03	93.32	7.4	33.47	8.2	23.3	0.85	0.78
C5	03 Aug 2026	9	19.44	92.48	7.4	33.51	8.2	23.8	0.81	0.81
C5	03 Aug 2026	10	17.97	92.47	7.5	33.46	8.1	24.1	0.70	0.94
C5	10 Aug 2026	1	19.94	91.84	7.8	33.38	8.1	23.5	0.68	0.77
C5	10 Aug 2026	2	19.73	91.70	7.9	33.38	8.1	23.6	0.67	0.77
C5	10 Aug 2026	3	19.54	92.17	7.9	33.38	8.1	23.6	0.72	0.82
C5	10 Aug 2026	4	19.23	92.32	8.0	33.37	8.1	23.7	0.74	0.81
C5	10 Aug 2026	5	19.13	92.24	8.0	33.37	8.1	23.7	0.75	0.82
C5	10 Aug 2026	6	18.98	91.99	8.0	33.36	8.1	23.8	0.78	0.82
C5	10 Aug 2026	7	18.73	90.98	8.0	33.36	8.1	23.8	0.77	0.85
C5	10 Aug 2026	8	18.46	90.44	8.0	33.36	8.1	23.9	0.79	0.86
C5	10 Aug 2026	9	18.01	89.72	7.8	33.37	8.1	24.0	0.78	0.88
C5	10 Aug 2026	10	16.86	89.17	7.9	33.40	8.1	24.3	0.66	0.95
C5	10 Aug 2026	11	16.34	88.91	8.1	33.36	8.1	24.4	0.46	1.02
C5	25 Aug 2026	1	21.40	89.56	7.9	33.36	8.1	23.1	0.66	0.81
C5	25 Aug 2026	2	21.19	90.09	7.8	33.37	8.1	23.2	0.74	0.82
C5	25 Aug 2026	3	20.50	89.46	7.9	33.38	8.1	23.4	0.97	0.85
C5	25 Aug 2026	4	20.09	88.67	7.8	33.36	8.1	23.5	1.36	0.89
C5	25 Aug 2026	5	19.95	85.84	7.7	33.35	8.1	23.5	1.33	0.95
C5	25 Aug 2026	6	19.90	83.09	7.5	33.35	8.1	23.5	1.17	0.97
C5	25 Aug 2026	7	19.38	81.97	7.4	33.38	8.1	23.7	1.02	1.02
C5	25 Aug 2026	8	18.71	81.32	7.5	33.36	8.1	23.8	1.01	0.99
C5	25 Aug 2026	9	18.58	83.46	7.2	33.35	8.0	23.9	0.95	1.00
C5	25 Aug 2026	10	18.10	84.30	7.2	33.36	8.0	24.0	0.62	1.08
C5	25 Aug 2026	11	17.72	84.65	7.4	33.34	8.0	24.1	0.41	1.06
A6	03 Aug 2026	1	23.33	95.55	7.1	33.55	8.2	22.7	0.47	0.60
A6	03 Aug 2026	2	23.36	95.57	7.1	33.56	8.2	22.7	0.47	0.61
A6	03 Aug 2026	3	23.52	95.49	6.9	33.56	8.2	22.7	0.49	0.60
A6	03 Aug 2026	4	21.42	95.45	7.4	33.56	8.2	23.3	0.53	0.65
A6	03 Aug 2026	5	20.72	94.75	7.6	33.51	8.2	23.4	0.69	0.73
A6	03 Aug 2026	6	19.86	93.82	7.7	33.47	8.1	23.6	0.74	0.73
A6	03 Aug 2026	7	19.32	93.30	7.6	33.44	8.1	23.7	0.95	0.75
A6	03 Aug 2026	8	19.22	93.38	7.7	33.49	8.2	23.8	1.31	0.75
A6	03 Aug 2026	9	18.75	91.56	7.9	33.44	8.2	23.9	1.52	0.76
A6	03 Aug 2026	10	18.37	91.29	8.0	33.40	8.2	24.0	1.70	0.78
A6	03 Aug 2026	11	18.04	91.28	7.9	33.40	8.2	24.0	1.85	0.78
A6	03 Aug 2026	12	17.43	90.91	7.8	33.41	8.2	24.2	1.94	0.79
A6	03 Aug 2026	13	16.35	91.05	7.8	33.40	8.1	24.4	2.12	0.82
A6	03 Aug 2026	14	15.90	92.16	7.8	33.36	8.1	24.5	2.04	0.82
A6	03 Aug 2026	15	15.49	92.62	7.7	33.35	8.1	24.6	1.74	0.84
A6	03 Aug 2026	16	14.88	92.88	7.7	33.36	8.1	24.7	1.72	0.82
A6	03 Aug 2026	17	14.36	92.82	7.6	33.33	8.1	24.8	1.65	0.81
A6	03 Aug 2026	18	14.25	93.21	7.5	33.32	8.1	24.8	1.61	0.82
A6	03 Aug 2026	19	14.13	93.71	7.3	33.34	8.1	24.9	1.50	0.83
A6	10 Aug 2026	1	20.59	93.12	8.0	33.37	8.1	23.4	0.52	0.72
A6	10 Aug 2026	2	20.56	93.46	8.0	33.38	8.1	23.4	0.53	0.71

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
A6	10 Aug 2026	3	20.05	93.61	8.0	33.39	8.1	23.5	0.57	0.74
A6	10 Aug 2026	4	19.94	93.80	8.1	33.37	8.1	23.5	0.58	0.75
A6	10 Aug 2026	5	19.87	93.75	8.1	33.37	8.1	23.6	0.61	0.74
A6	10 Aug 2026	6	19.73	93.77	8.1	33.37	8.1	23.6	0.59	0.76
A6	10 Aug 2026	7	19.68	93.79	8.1	33.37	8.1	23.6	0.61	0.78
A6	10 Aug 2026	8	19.63	93.68	8.1	33.37	8.1	23.6	0.62	0.76
A6	10 Aug 2026	9	19.60	93.66	8.1	33.37	8.1	23.6	0.59	0.76
A6	10 Aug 2026	10	19.36	93.68	8.0	33.38	8.1	23.7	0.61	0.77
A6	10 Aug 2026	11	18.99	93.60	8.0	33.37	8.1	23.8	0.67	0.78
A6	10 Aug 2026	12	18.60	93.21	8.0	33.38	8.1	23.9	0.70	0.77
A6	10 Aug 2026	13	17.83	93.03	8.0	33.39	8.1	24.1	0.76	0.79
A6	10 Aug 2026	14	17.10	92.75	8.0	33.36	8.1	24.2	0.82	0.82
A6	10 Aug 2026	15	16.94	92.83	7.9	33.33	8.1	24.2	0.80	0.84
A6	10 Aug 2026	16	16.60	93.10	7.7	33.35	8.1	24.3	0.77	0.84
A6	10 Aug 2026	17	16.47	93.27	7.6	33.33	8.1	24.4	0.67	0.86
A6	10 Aug 2026	18	16.23	93.52	7.6	33.28	8.0	24.4	0.66	0.82
A6	25 Aug 2026	1	22.02	89.56	7.7	33.37	8.1	23.0	0.54	0.81
A6	25 Aug 2026	2	21.96	90.22	7.8	33.38	8.1	23.0	0.57	0.82
A6	25 Aug 2026	3	21.61	89.80	7.8	33.39	8.1	23.1	0.64	0.83
A6	25 Aug 2026	4	20.07	89.99	7.9	33.40	8.1	23.5	0.78	0.78
A6	25 Aug 2026	5	19.25	90.83	8.1	33.37	8.1	23.7	0.97	0.82
A6	25 Aug 2026	6	18.96	91.08	8.0	33.35	8.1	23.8	0.91	0.78
A6	25 Aug 2026	7	18.83	91.99	8.0	33.34	8.1	23.8	0.84	0.78
A6	25 Aug 2026	8	18.66	92.40	7.9	33.34	8.1	23.8	0.84	0.79
A6	25 Aug 2026	9	18.30	92.50	7.8	33.34	8.1	23.9	0.90	0.81
A6	25 Aug 2026	10	17.89	92.12	7.8	33.34	8.1	24.0	0.93	0.85
A6	25 Aug 2026	11	17.75	91.90	7.8	33.33	8.1	24.1	0.91	0.86
A6	25 Aug 2026	12	17.40	91.76	7.6	33.33	8.1	24.1	0.92	0.86
A6	25 Aug 2026	13	17.10	91.78	7.5	33.33	8.1	24.2	0.80	0.90
A6	25 Aug 2026	14	17.02	91.66	7.5	33.32	8.1	24.2	0.67	0.92
A6	25 Aug 2026	15	16.66	91.85	7.4	33.33	8.1	24.3	0.69	0.92
A6	25 Aug 2026	16	16.20	91.31	7.4	33.33	8.0	24.4	0.75	0.93
A6	25 Aug 2026	17	16.07	91.57	7.4	33.32	8.0	24.4	0.88	0.90
A6	25 Aug 2026	18	15.98	91.75	7.4	33.32	8.0	24.5	0.89	0.93
A6	25 Aug 2026	19	15.94	91.77	7.3	33.32	8.0	24.5	0.93	0.93
A6	25 Aug 2026	20	15.86	91.23	7.2	33.32	8.0	24.5	0.77	0.94
C6	03 Aug 2026	1	23.11	93.44	7.1	33.53	8.2	22.8	0.57	0.74
C6	03 Aug 2026	2	23.05	93.40	7.2	33.53	8.2	22.8	0.61	0.74
C6	03 Aug 2026	3	22.96	92.84	7.3	33.52	8.2	22.8	0.64	0.76
C6	03 Aug 2026	4	22.82	92.56	7.3	33.53	8.2	22.9	0.68	0.78
C6	03 Aug 2026	5	21.94	91.81	7.4	33.55	8.2	23.1	0.74	0.80
C6	03 Aug 2026	6	20.75	91.01	7.4	33.52	8.2	23.4	0.87	0.83
C6	03 Aug 2026	7	19.51	89.81	7.6	33.50	8.2	23.7	1.06	0.88
C6	03 Aug 2026	8	18.43	89.91	7.4	33.48	8.1	24.0	0.89	0.88
C6	03 Aug 2026	9	17.53	90.51	7.6	33.40	8.1	24.2	0.53	0.95
C6	10 Aug 2026	1	19.73	92.48	8.4	33.36	8.2	23.6	0.73	0.78
C6	10 Aug 2026	2	19.69	92.80	8.4	33.36	8.2	23.6	0.75	0.80
C6	10 Aug 2026	3	19.55	92.71	8.3	33.38	8.2	23.6	0.75	0.80
C6	10 Aug 2026	4	19.18	92.71	8.2	33.37	8.1	23.7	0.79	0.81
C6	10 Aug 2026	5	19.09	92.64	8.2	33.36	8.1	23.7	0.78	0.79
C6	10 Aug 2026	6	19.00	92.56	8.3	33.36	8.1	23.8	0.77	0.81
C6	10 Aug 2026	7	18.98	92.35	8.3	33.36	8.1	23.8	0.76	0.82
C6	10 Aug 2026	8	18.92	92.29	8.2	33.36	8.1	23.8	0.75	0.84
C6	10 Aug 2026	9	18.82	92.16	8.0	33.37	8.1	23.8	0.71	0.83
C6	10 Aug 2026	10	17.12	92.24	8.0	33.47	8.1	24.3	0.61	0.85
C6	25 Aug 2026	1	21.74	86.10	7.7	33.37	8.1	23.1	0.48	0.90
C6	25 Aug 2026	2	21.64	86.05	7.8	33.37	8.1	23.1	0.52	0.90
C6	25 Aug 2026	3	21.18	85.82	7.9	33.38	8.1	23.2	0.61	0.90
C6	25 Aug 2026	4	20.19	86.02	8.0	33.38	8.1	23.5	0.86	0.89
C6	25 Aug 2026	5	19.59	86.28	8.0	33.37	8.1	23.6	0.98	0.93
C6	25 Aug 2026	6	19.17	86.36	8.0	33.37	8.1	23.7	1.09	0.93
C6	25 Aug 2026	7	18.66	86.72	7.9	33.36	8.1	23.9	1.09	0.91
C6	25 Aug 2026	8	18.34	88.06	7.7	33.35	8.1	23.9	0.87	0.92
C6	25 Aug 2026	9	17.79	88.45	7.5	33.35	8.1	24.1	0.61	0.95
C6	25 Aug 2026	10	17.67	87.18	7.5	33.34	8.0	24.1	0.37	1.04
C6	25 Aug 2026	11	17.76	86.71	7.5	33.34	8.0	24.1	0.39	1.04
C7	03 Aug 2026	1	23.75	95.18	7.0	33.56	8.2	22.6	0.48	0.59
C7	03 Aug 2026	2	23.75	95.21	7.0	33.56	8.2	22.6	0.49	0.60
C7	03 Aug 2026	3	23.64	95.31	6.9	33.57	8.2	22.7	0.51	0.57

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
C7	03 Aug 2026	4	23.26	93.77	6.9	33.58	8.2	22.8	0.47	0.57
C7	03 Aug 2026	5	21.49	94.11	7.3	33.60	8.2	23.3	0.39	0.57
C7	03 Aug 2026	6	20.45	95.74	7.5	33.51	8.2	23.5	0.33	0.58
C7	03 Aug 2026	7	19.33	96.28	7.7	33.48	8.2	23.8	0.32	0.59
C7	03 Aug 2026	8	18.20	96.50	7.9	33.44	8.1	24.0	0.46	0.65
C7	03 Aug 2026	9	17.66	95.95	8.0	33.38	8.1	24.1	0.74	0.72
C7	03 Aug 2026	10	17.52	95.35	8.0	33.36	8.1	24.1	0.97	0.72
C7	03 Aug 2026	11	17.28	94.30	7.8	33.36	8.1	24.2	1.05	0.72
C7	03 Aug 2026	12	16.73	93.60	7.8	33.37	8.1	24.3	1.11	0.73
C7	03 Aug 2026	13	16.20	93.21	7.8	33.37	8.1	24.4	1.35	0.75
C7	03 Aug 2026	14	15.52	92.72	7.7	33.38	8.1	24.6	1.35	0.79
C7	03 Aug 2026	15	14.99	92.48	7.6	33.34	8.1	24.7	0.95	0.81
C7	03 Aug 2026	16	14.89	93.07	7.5	33.32	8.1	24.7	0.72	0.81
C7	03 Aug 2026	17	14.85	93.70	7.5	33.32	8.1	24.7	0.60	0.81
C7	03 Aug 2026	18	14.86	94.19	7.5	33.32	8.1	24.7	0.53	0.81
C7	10 Aug 2026	1	19.32	90.37	8.3	33.34	8.1	23.7	0.70	0.81
C7	10 Aug 2026	2	19.41	85.93	8.2	33.35	8.1	23.7	0.73	0.80
C7	10 Aug 2026	3	19.06	88.90	8.1	33.40	8.1	23.8	0.70	0.81
C7	10 Aug 2026	4	17.67	91.13	8.2	33.42	8.1	24.1	0.76	0.81
C7	10 Aug 2026	5	17.12	91.82	8.2	33.35	8.1	24.2	0.90	0.84
C7	10 Aug 2026	6	16.94	92.32	8.2	33.33	8.1	24.2	0.94	0.79
C7	10 Aug 2026	7	16.80	92.73	8.2	33.32	8.1	24.3	0.96	0.79
C7	10 Aug 2026	8	16.69	92.88	8.1	33.31	8.1	24.3	1.00	0.79
C7	10 Aug 2026	9	16.56	92.67	8.1	33.32	8.1	24.3	1.05	0.81
C7	10 Aug 2026	10	16.07	92.58	7.9	33.34	8.1	24.5	1.14	0.84
C7	10 Aug 2026	11	15.74	92.53	7.8	33.33	8.1	24.5	1.21	0.88
C7	10 Aug 2026	12	15.63	92.72	7.8	33.31	8.1	24.5	1.07	0.89
C7	10 Aug 2026	13	15.50	92.98	7.7	33.32	8.1	24.6	0.97	0.91
C7	10 Aug 2026	14	15.37	93.15	7.7	33.32	8.0	24.6	0.97	0.90
C7	10 Aug 2026	15	15.30	93.26	7.6	33.32	8.0	24.6	0.89	0.92
C7	10 Aug 2026	16	15.17	93.38	7.5	33.32	8.0	24.6	0.73	0.93
C7	10 Aug 2026	17	14.91	93.73	7.4	33.32	8.0	24.7	0.64	0.93
C7	10 Aug 2026	18	14.77	93.89	7.3	33.32	8.0	24.7	0.56	0.95
C7	10 Aug 2026	19	14.81	93.87	7.2	33.31	8.0	24.7	0.48	0.98
C7	25 Aug 2026	1	22.38	93.95	7.2	33.39	8.1	22.9	0.37	0.68
C7	25 Aug 2026	2	22.33	94.02	7.2	33.39	8.1	22.9	0.36	0.69
C7	25 Aug 2026	3	21.96	93.74	7.4	33.40	8.1	23.0	0.37	0.68
C7	25 Aug 2026	4	21.46	93.92	7.5	33.39	8.1	23.1	0.47	0.72
C7	25 Aug 2026	5	20.89	93.57	7.6	33.38	8.1	23.3	0.56	0.76
C7	25 Aug 2026	6	19.79	92.76	7.8	33.39	8.1	23.6	0.67	0.77
C7	25 Aug 2026	7	19.01	91.47	7.9	33.36	8.1	23.8	0.74	0.81
C7	25 Aug 2026	8	18.25	91.14	8.0	33.36	8.1	24.0	0.79	0.80
C7	25 Aug 2026	9	17.86	91.70	8.0	33.33	8.1	24.0	0.90	0.81
C7	25 Aug 2026	10	17.73	92.31	7.9	33.32	8.1	24.1	1.00	0.81
C7	25 Aug 2026	11	17.49	92.45	7.9	33.33	8.1	24.1	0.94	0.84
C7	25 Aug 2026	12	17.44	92.17	7.8	33.33	8.1	24.1	0.95	0.86
C7	25 Aug 2026	13	17.15	92.00	7.8	33.33	8.1	24.2	1.04	0.88
C7	25 Aug 2026	14	17.07	91.53	7.8	33.33	8.1	24.2	0.96	0.89
C7	25 Aug 2026	15	17.02	91.40	7.7	33.33	8.1	24.2	0.96	0.90
C7	25 Aug 2026	16	16.75	91.51	7.6	33.33	8.1	24.3	0.93	0.89
C7	25 Aug 2026	17	16.57	91.45	7.4	33.34	8.1	24.3	0.96	0.90
C7	25 Aug 2026	18	16.14	91.66	7.2	33.32	8.0	24.4	0.67	0.94
C8	03 Aug 2026	1	22.87	96.33	7.0	33.54	8.2	22.9	0.39	0.58
C8	03 Aug 2026	2	22.40	96.25	7.1	33.53	8.1	23.0	0.33	0.56
C8	03 Aug 2026	3	22.19	96.31	7.2	33.51	8.1	23.0	0.28	0.57
C8	03 Aug 2026	4	21.75	96.83	7.2	33.52	8.2	23.2	0.29	0.59
C8	03 Aug 2026	5	20.75	96.87	7.5	33.49	8.2	23.4	0.32	0.60
C8	03 Aug 2026	6	20.16	96.65	7.6	33.47	8.2	23.6	0.35	0.64
C8	03 Aug 2026	7	19.67	96.44	7.8	33.45	8.2	23.7	0.38	0.62
C8	03 Aug 2026	8	19.06	96.52	7.8	33.44	8.2	23.8	0.40	0.63
C8	03 Aug 2026	9	17.97	96.30	8.0	33.42	8.2	24.1	0.43	0.63
C8	03 Aug 2026	10	17.41	96.13	8.1	33.38	8.1	24.2	0.57	0.68
C8	03 Aug 2026	11	17.28	95.94	8.0	33.35	8.1	24.2	0.69	0.67
C8	03 Aug 2026	12	17.18	95.25	8.0	33.35	8.1	24.2	0.77	0.71
C8	03 Aug 2026	13	16.98	94.88	8.0	33.35	8.1	24.3	0.81	0.72
C8	03 Aug 2026	14	16.90	93.64	8.0	33.35	8.1	24.3	0.82	0.75
C8	03 Aug 2026	15	16.79	90.93	8.0	33.36	8.1	24.3	0.75	0.79
C8	03 Aug 2026	16	16.62	92.53	7.9	33.38	8.1	24.4	0.70	0.82
C8	03 Aug 2026	17	16.25	92.39	7.9	33.37	8.1	24.4	0.76	0.79
C8	03 Aug 2026	18	15.81	92.50	7.8	33.37	8.1	24.5	0.85	0.77
C8	03 Aug 2026	19	15.60	92.87	7.7	33.40	8.1	24.6	0.83	0.78

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
C8	10 Aug 2026	1	20.78	90.50	7.8	33.37	8.1	23.3	0.91	0.73
C8	10 Aug 2026	2	20.82	90.73	7.8	33.38	8.1	23.3	0.93	0.74
C8	10 Aug 2026	3	20.75	90.86	7.8	33.38	8.1	23.3	1.02	0.73
C8	10 Aug 2026	4	20.63	90.99	7.8	33.39	8.1	23.4	1.06	0.71
C8	10 Aug 2026	5	20.27	90.94	8.0	33.38	8.1	23.5	0.95	0.75
C8	10 Aug 2026	6	20.09	91.08	8.0	33.39	8.1	23.5	0.87	0.77
C8	10 Aug 2026	7	18.92	91.07	8.1	33.41	8.1	23.8	0.85	0.78
C8	10 Aug 2026	8	18.28	91.43	8.2	33.37	8.1	24.0	0.75	0.75
C8	10 Aug 2026	9	17.61	91.75	8.2	33.38	8.1	24.1	0.84	0.75
C8	10 Aug 2026	10	17.08	92.42	8.4	33.33	8.1	24.2	0.91	0.77
C8	10 Aug 2026	11	16.84	92.35	8.4	33.33	8.1	24.3	0.95	0.77
C8	10 Aug 2026	12	16.35	91.81	8.3	33.34	8.1	24.4	1.19	0.80
C8	10 Aug 2026	13	15.99	90.62	8.3	33.32	8.1	24.5	1.56	0.84
C8	10 Aug 2026	14	15.78	89.77	8.2	33.32	8.1	24.5	1.97	0.86
C8	10 Aug 2026	15	15.47	89.11	8.1	33.33	8.1	24.6	2.25	0.87
C8	10 Aug 2026	16	15.24	89.12	7.8	33.32	8.1	24.6	2.09	0.90
C8	10 Aug 2026	17	15.08	90.22	7.5	33.32	8.0	24.7	1.32	0.91
C8	10 Aug 2026	18	15.07	91.80	7.4	33.32	8.0	24.7	0.60	0.95
C8	10 Aug 2026	19	15.07	92.57	7.3	33.32	8.0	24.7	0.57	0.95
C8	10 Aug 2026	20	15.07	92.36	7.3	33.32	8.0	24.7	0.56	0.92
C8	25 Aug 2026	1	22.07	88.32	7.3	33.41	8.1	23.0	0.61	0.89
C8	25 Aug 2026	2	21.91	88.13	7.3	33.41	8.1	23.0	0.66	0.91
C8	25 Aug 2026	3	21.38	87.90	7.5	33.40	8.1	23.2	0.70	0.89
C8	25 Aug 2026	4	20.73	88.25	7.7	33.39	8.1	23.3	0.58	0.78
C8	25 Aug 2026	5	20.29	90.17	7.8	33.37	8.1	23.4	0.48	0.70
C8	25 Aug 2026	6	19.89	91.78	7.9	33.37	8.1	23.5	0.47	0.71
C8	25 Aug 2026	7	19.39	92.83	7.9	33.36	8.1	23.7	0.44	0.71
C8	25 Aug 2026	8	19.18	93.22	7.8	33.34	8.1	23.7	0.62	0.76
C8	25 Aug 2026	9	18.99	92.98	7.8	33.34	8.1	23.8	0.73	0.78
C8	25 Aug 2026	10	18.57	92.25	8.0	33.35	8.1	23.9	0.71	0.77
C8	25 Aug 2026	11	17.96	92.28	8.1	33.34	8.1	24.0	0.65	0.75
C8	25 Aug 2026	12	17.63	92.47	8.0	33.32	8.1	24.1	0.74	0.76
C8	25 Aug 2026	13	17.48	92.64	8.0	33.32	8.1	24.1	0.81	0.78
C8	25 Aug 2026	14	17.34	92.36	7.9	33.33	8.1	24.1	0.84	0.80
C8	25 Aug 2026	15	17.15	92.36	7.7	33.33	8.1	24.2	0.84	0.80
C8	25 Aug 2026	16	16.88	92.00	7.5	33.33	8.1	24.3	0.68	0.88
C8	25 Aug 2026	17	16.63	91.68	7.3	33.33	8.1	24.3	0.57	0.94
C8	25 Aug 2026	18	16.39	90.18	7.3	33.33	8.0	24.4	0.44	0.94
C8	25 Aug 2026	19	16.14	89.74	7.2	33.33	8.0	24.4	0.46	0.95
C8	25 Aug 2026	20	16.16	89.25	7.2	33.33	8.0	24.4	0.50	0.96

NA = not available

Table 3.7

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)	CDOM (ppb)
A1	03 Aug 2026	1	21.12	88.97	7.6	33.49	8.1	23.3	0.71	0.72
A1	03 Aug 2026	2	21.09	91.74	7.7	33.48	8.1	23.3	0.80	0.70
A1	03 Aug 2026	3	20.72	92.76	7.7	33.47	8.2	23.4	0.95	0.77
A1	03 Aug 2026	4	20.45	92.12	7.7	33.47	8.2	23.5	1.09	0.80
A1	03 Aug 2026	5	20.29	91.60	7.8	33.44	8.1	23.5	1.13	0.81
A1	03 Aug 2026	6	20.26	91.54	7.8	33.44	8.1	23.5	1.18	0.81
A1	03 Aug 2026	7	20.20	91.51	7.8	33.44	8.1	23.5	1.19	0.82
A1	03 Aug 2026	8	19.90	91.21	7.5	33.47	8.1	23.6	1.16	0.80
A1	03 Aug 2026	9	18.31	90.53	7.5	33.49	8.1	24.0	1.33	0.83
A1	03 Aug 2026	10	17.33	90.16	7.6	33.47	8.1	24.3	1.80	0.87
A1	03 Aug 2026	11	15.92	90.51	7.7	33.45	8.1	24.6	2.05	0.86
A1	03 Aug 2026	12	15.47	91.28	7.8	33.37	8.1	24.6	2.23	0.86
A1	03 Aug 2026	13	15.22	91.69	7.7	33.36	8.1	24.7	2.25	0.88
A1	03 Aug 2026	14	15.01	92.10	7.7	33.36	8.1	24.7	2.02	0.87
A1	03 Aug 2026	15	14.85	92.48	7.7	33.35	8.1	24.7	1.80	0.84
A1	03 Aug 2026	16	14.75	93.21	7.6	33.33	8.1	24.7	1.68	0.85
A1	03 Aug 2026	17	14.55	93.35	7.5	33.36	8.1	24.8	1.45	0.85
A1	03 Aug 2026	18	14.46	93.46	7.4	33.35	8	24.8	1.18	0.84
A1	03 Aug 2026	19	14.37	93.43	7.3	33.36	8	24.8	1.14	0.84
A1	10 Aug 2026	1	20.77	94.45	7.7	33.40	8.1	23.3	0.36	0.71
A1	10 Aug 2026	2	20.73	94.05	7.7	33.40	8.1	23.3	0.39	0.71
A1	10 Aug 2026	3	20.68	94.22	7.7	33.40	8.1	23.4	0.42	0.71
A1	10 Aug 2026	4	20.66	94.31	7.7	33.40	8.1	23.4	0.42	0.72
A1	10 Aug 2026	5	20.57	94.40	7.8	33.40	8.1	23.4	0.41	0.71
A1	10 Aug 2026	6	20.55	94.38	7.8	33.39	8.1	23.4	0.42	0.72
A1	10 Aug 2026	7	20.49	94.30	7.8	33.39	8.1	23.4	0.42	0.71
A1	10 Aug 2026	8	20.42	94.17	7.7	33.39	8.1	23.4	0.44	0.76
A1	10 Aug 2026	9	20.31	94.00	7.7	33.39	8.1	23.4	0.46	0.74
A1	10 Aug 2026	10	20.07	93.88	7.8	33.40	8.1	23.5	0.51	0.76
A1	10 Aug 2026	11	19.90	93.21	7.9	33.38	8.1	23.6	0.62	0.77
A1	10 Aug 2026	12	19.86	92.30	7.9	33.38	8.1	23.6	0.70	0.78
A1	10 Aug 2026	13	19.36	91.62	7.8	33.40	8.1	23.7	0.76	0.78
A1	10 Aug 2026	14	19.10	90.90	7.7	33.38	8.1	23.8	1.02	0.81
A1	10 Aug 2026	15	18.13	90.05	7.7	33.46	8.1	24.1	1.26	0.83
A1	10 Aug 2026	16	16.79	89.43	7.8	33.39	8.1	24.3	1.27	0.85
A1	10 Aug 2026	17	16.31	89.55	7.7	33.36	8.1	24.4	1.28	0.87
A1	10 Aug 2026	18	16.14	90.14	7.7	33.32	8.1	24.4	1.26	0.90
A1	10 Aug 2026	19	16.44	90.19	7.8	33.20	8.1	24.3	1.23	0.96
A1	17 Aug 2026	1	17.12	88.54	7.7	33.34	NA	24.2	1.29	0.90
A1	17 Aug 2026	2	16.83	88.61	7.6	33.34	NA	24.3	1.31	0.87
A1	17 Aug 2026	3	16.50	88.61	7.6	33.33	NA	24.3	1.49	0.89
A1	17 Aug 2026	4	15.82	88.42	7.5	33.32	NA	24.5	1.61	0.91
A1	17 Aug 2026	5	15.83	88.74	7.5	33.31	NA	24.5	1.63	0.90
A1	17 Aug 2026	6	15.58	88.87	7.4	33.32	NA	24.6	1.59	0.91
A1	17 Aug 2026	7	15.64	88.72	7.4	33.32	NA	24.5	1.56	0.91
A1	17 Aug 2026	8	15.48	89.43	7.3	33.32	NA	24.6	1.47	0.91
A1	17 Aug 2026	9	15.56	89.56	7.3	33.32	NA	24.6	1.43	0.91
A1	17 Aug 2026	10	15.43	89.66	7.3	33.33	NA	24.6	1.40	0.93
A1	17 Aug 2026	11	15.47	89.74	7.2	33.33	NA	24.6	1.26	0.94
A1	17 Aug 2026	12	15.37	89.77	7.1	33.33	NA	24.6	1.24	0.94
A1	17 Aug 2026	13	15.30	89.88	7.1	33.33	NA	24.6	1.13	0.96
A1	17 Aug 2026	14	15.19	90.03	7.0	33.34	NA	24.6	1.10	0.95
A1	17 Aug 2026	15	15.09	90.07	7.0	33.34	NA	24.7	1.08	0.94
A1	17 Aug 2026	16	14.82	90.10	7.1	33.33	NA	24.7	1.16	0.93
A1	17 Aug 2026	17	14.73	90.09	7.0	33.34	NA	24.7	1.19	0.93
A1	17 Aug 2026	18	14.63	90.05	7.0	33.33	NA	24.8	1.18	0.93
A1	25 Aug 2026	1	20.45	86.81	7.7	33.39	8.1	23.4	1.24	0.89
A1	25 Aug 2026	2	19.66	85.76	7.7	33.39	8.1	23.6	1.39	0.91
A1	25 Aug 2026	3	18.95	84.72	7.9	33.35	8.1	23.8	1.39	0.89
A1	25 Aug 2026	4	18.71	84.61	7.9	33.34	8.1	23.8	1.39	0.84
A1	25 Aug 2026	5	18.59	85.12	7.9	33.33	8.1	23.8	1.51	0.84
A1	25 Aug 2026	6	18.51	84.75	7.9	33.33	8.1	23.9	1.58	0.84
A1	25 Aug 2026	7	18.43	85.27	7.8	33.32	8.1	23.9	1.64	0.84
A1	25 Aug 2026	8	18.37	86.21	7.8	33.32	8.1	23.9	1.66	0.88
A1	25 Aug 2026	9	18.28	86.34	7.8	33.32	8.1	23.9	1.66	0.88

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
A1	25 Aug 2026	10	18.21	86.72	7.8	33.32	8.1	23.9	1.64	0.87
A1	25 Aug 2026	11	18.12	86.80	7.7	33.33	8.1	24.0	1.65	0.91
A1	25 Aug 2026	12	17.91	86.87	7.6	33.33	8.1	24.0	1.59	0.90
A1	25 Aug 2026	13	17.72	87.18	7.6	33.33	8.1	24.1	1.50	0.94
A1	25 Aug 2026	14	17.64	87.32	7.5	33.32	8	24.1	1.40	0.95
A1	25 Aug 2026	15	17.52	87.00	7.5	33.32	8	24.1	1.27	0.97
A1	25 Aug 2026	16	17.34	86.82	7.3	33.33	8	24.1	1.16	0.99
A1	25 Aug 2026	17	16.76	86.60	7.0	33.33	8	24.3	0.88	1.03
A1	25 Aug 2026	18	16.62	86.19	6.8	33.32	8	24.3	0.59	1.08
A1	25 Aug 2026	19	16.37	85.53	6.7	33.32	8	24.4	0.49	1.09
A1	25 Aug 2026	20	16.15	84.82	6.8	33.33	8	24.4	0.43	1.07
C4	03 Aug 2026	1	22.70	90.43	7.2	33.51	8.2	22.9	0.71	0.78
C4	03 Aug 2026	2	22.70	90.52	7.1	33.52	8.2	22.9	0.74	0.77
C4	03 Aug 2026	3	22.53	90.44	7.1	33.52	8.2	22.9	0.73	0.78
C4	03 Aug 2026	4	21.94	90.36	7.1	33.54	8.2	23.1	0.75	0.80
C4	03 Aug 2026	5	20.38	89.71	7.1	33.54	8.1	23.5	0.95	0.85
C4	03 Aug 2026	6	19.25	89.60	7.0	33.45	8.1	23.8	1.29	0.90
C4	03 Aug 2026	7	18.27	89.02	7.0	33.44	8.1	24.0	1.32	0.96
C4	03 Aug 2026	8	17.24	86.42	7.3	33.38	8.1	24.2	2.11	1.00
C4	03 Aug 2026	9	17.06	85.45	7.0	33.35	8.1	24.2	2.09	0.98
C4	03 Aug 2026	10	16.70	87.25	6.8	33.34	8.1	24.3	1.60	0.98
C4	03 Aug 2026	11	16.60	86.47	6.8	33.33	8.1	24.3	0.78	1.02
C4	10 Aug 2026	1	20.03	87.56	8.0	33.40	8.1	23.5	0.98	0.88
C4	10 Aug 2026	2	20.03	87.37	8.0	33.39	8.1	23.5	1.01	0.89
C4	10 Aug 2026	3	19.82	87.26	7.9	33.40	8.1	23.6	1.07	0.88
C4	10 Aug 2026	4	19.22	87.53	8.0	33.40	8.1	23.7	1.14	0.88
C4	10 Aug 2026	5	18.82	87.59	8.1	33.37	8.1	23.8	1.16	0.85
C4	10 Aug 2026	6	18.35	87.94	8.1	33.36	8.1	23.9	1.13	0.86
C4	10 Aug 2026	7	18.12	88.24	8.0	33.34	8.1	24.0	1.07	0.87
C4	10 Aug 2026	8	17.93	88.03	7.8	33.35	8.1	24.0	1.01	0.89
C4	10 Aug 2026	9	17.17	87.90	7.7	33.35	8.1	24.2	0.99	0.91
C4	10 Aug 2026	10	16.76	87.46	7.7	33.32	8.1	24.3	0.75	0.96
C4	10 Aug 2026	11	16.70	86.28	7.6	33.31	8.1	24.3	0.51	1.01
C4	10 Aug 2026	12	16.69	84.50	7.6	33.31	8.1	24.3	0.56	1.04
C4	17 Aug 2026	1	19.41	82.32	7.5	33.36	NA	23.7	0.90	0.94
C4	17 Aug 2026	2	19.40	82.16	7.5	33.37	NA	23.7	0.88	0.96
C4	17 Aug 2026	3	18.63	82.62	7.5	33.42	NA	23.9	0.95	0.93
C4	17 Aug 2026	4	18.02	83.35	7.5	33.36	NA	24.0	1.30	0.95
C4	17 Aug 2026	5	17.38	83.38	7.2	33.37	NA	24.2	1.58	0.98
C4	17 Aug 2026	6	16.97	82.84	6.7	33.37	NA	24.3	1.46	1.01
C4	17 Aug 2026	7	16.35	81.10	6.4	33.35	NA	24.4	0.88	1.06
C4	17 Aug 2026	8	16.45	78.00	6.3	33.33	NA	24.4	0.63	1.11
C4	17 Aug 2026	9	16.02	74.87	6.2	33.34	NA	24.5	0.62	1.15
C4	17 Aug 2026	10	15.98	64.93	6.1	33.33	NA	24.5	0.51	1.21
C4	17 Aug 2026	11	15.98	53.16	6.0	33.33	NA	24.5	0.52	1.32
C4	25 Aug 2026	1	21.20	87.14	7.5	33.35	8.1	23.2	0.61	0.82
C4	25 Aug 2026	2	21.06	87.00	7.4	33.36	8.1	23.2	0.63	0.82
C4	25 Aug 2026	3	20.49	85.71	7.4	33.39	8.1	23.4	0.72	0.85
C4	25 Aug 2026	4	19.71	85.14	7.2	33.41	8.1	23.6	1.38	0.93
C4	25 Aug 2026	5	19.20	82.94	7.3	33.43	8	23.8	1.57	1.00
C4	25 Aug 2026	6	18.78	78.51	7.3	33.34	8	23.8	1.25	0.98
C4	25 Aug 2026	7	18.48	62.67	7.3	33.34	8	23.9	1.12	0.96
C4	25 Aug 2026	8	18.28	57.01	7.4	33.33	8	23.9	1.11	0.94
C4	25 Aug 2026	9	18.10	57.42	7.3	33.32	8	24.0	1.07	0.94
C4	25 Aug 2026	10	17.89	68.33	7.1	33.32	8	24.0	0.81	0.97
C4	25 Aug 2026	11	17.75	73.62	7.0	33.32	8	24.0	0.59	1.05
C4	25 Aug 2026	12	17.74	73.90	7.0	33.31	8	24.0	0.50	1.13
A7	03 Aug 2026	1	22.95	94.72	7.1	33.54	8.1	22.8	0.46	0.62
A7	03 Aug 2026	2	22.93	94.99	7.1	33.54	8.1	22.8	0.44	0.61
A7	03 Aug 2026	3	22.76	95.46	7.1	33.55	8.1	22.9	0.46	0.63
A7	03 Aug 2026	4	21.96	95.49	7.3	33.53	8.1	23.1	0.45	0.62
A7	03 Aug 2026	5	21.26	95.46	7.4	33.54	8.1	23.3	0.48	0.65
A7	03 Aug 2026	6	20.04	94.97	7.8	33.48	8.2	23.6	0.78	0.71
A7	03 Aug 2026	7	19.83	93.34	7.9	33.43	8.2	23.6	1.22	0.77
A7	03 Aug 2026	8	19.37	91.54	7.9	33.44	8.2	23.7	1.36	0.80
A7	03 Aug 2026	9	18.70	90.78	7.9	33.42	8.2	23.9	1.47	0.81
A7	03 Aug 2026	10	18.51	90.37	7.9	33.40	8.1	23.9	1.55	0.82
A7	03 Aug 2026	11	18.29	90.64	7.8	33.41	8.1	24.0	1.55	0.82
A7	03 Aug 2026	12	17.81	91.09	7.6	33.41	8.1	24.1	1.53	0.82

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
A7	03 Aug 2026	13	16.54	91.40	7.6	33.45	8.1	24.4	1.22	0.84
A7	03 Aug 2026	14	15.77	92.04	7.6	33.40	8.1	24.6	1.18	0.83
A7	03 Aug 2026	15	15.08	92.76	7.5	33.36	8.1	24.7	1.09	0.83
A7	03 Aug 2026	16	14.76	93.21	7.5	33.36	8.1	24.8	1.14	0.82
A7	03 Aug 2026	17	14.11	93.58	7.3	33.35	8.1	24.9	1.13	0.81
A7	03 Aug 2026	18	14.04	93.89	7.2	33.33	8	24.9	1.10	0.79
A7	03 Aug 2026	19	13.99	93.96	7.1	33.33	8	24.9	1.07	0.80
A7	10 Aug 2026	1	20.15	93.77	7.6	33.39	8.1	23.5	0.46	0.75
A7	10 Aug 2026	2	19.69	93.58	7.7	33.42	8.1	23.6	0.50	0.76
A7	10 Aug 2026	3	18.82	93.13	7.9	33.39	8.1	23.8	0.60	0.78
A7	10 Aug 2026	4	18.75	92.96	8.0	33.36	8.1	23.8	0.65	0.80
A7	10 Aug 2026	5	18.72	93.27	8.0	33.36	8.1	23.8	0.64	0.79
A7	10 Aug 2026	6	18.70	93.35	8.0	33.35	8.1	23.8	0.65	0.79
A7	10 Aug 2026	7	18.69	93.23	8.0	33.35	8.1	23.8	0.66	0.79
A7	10 Aug 2026	8	18.69	93.07	8.0	33.35	8.1	23.8	0.64	0.78
A7	10 Aug 2026	9	18.72	93.19	8.0	33.35	8.1	23.8	0.65	0.80
A7	10 Aug 2026	10	18.72	93.25	8.0	33.36	8.1	23.8	0.66	0.81
A7	10 Aug 2026	11	18.67	93.31	7.9	33.36	8.1	23.9	0.65	0.78
A7	10 Aug 2026	12	18.50	93.32	7.9	33.36	8.1	23.9	0.68	0.79
A7	10 Aug 2026	13	18.33	93.27	7.8	33.38	8.1	23.9	0.69	0.82
A7	10 Aug 2026	14	17.82	93.22	7.8	33.37	8.1	24.1	0.71	0.81
A7	10 Aug 2026	15	17.45	93.09	7.7	33.38	8.1	24.2	0.74	0.83
A7	10 Aug 2026	16	17.09	92.82	7.7	33.35	8.1	24.2	0.79	0.86
A7	10 Aug 2026	17	16.95	92.94	7.6	33.35	8.1	24.3	0.76	0.87
A7	10 Aug 2026	18	15.88	92.95	7.5	33.41	8.1	24.6	0.74	0.87
A7	10 Aug 2026	19	15.23	93.03	7.4	33.35	8	24.7	0.75	0.91
A7	17 Aug 2026	1	17.61	86.48	7.8	33.32	NA	24.1	1.21	0.87
A7	17 Aug 2026	2	17.58	86.91	7.7	33.34	NA	24.1	1.20	0.90
A7	17 Aug 2026	3	17.30	87.73	7.7	33.35	NA	24.2	1.37	0.88
A7	17 Aug 2026	4	16.60	87.91	7.6	33.35	NA	24.3	1.43	0.91
A7	17 Aug 2026	5	16.31	88.81	7.6	33.34	NA	24.4	1.40	0.90
A7	17 Aug 2026	6	15.97	90.02	7.4	33.35	NA	24.5	1.39	0.90
A7	17 Aug 2026	7	15.47	90.67	7.3	33.33	NA	24.6	1.28	0.90
A7	17 Aug 2026	8	15.44	90.83	7.3	33.32	NA	24.6	1.24	0.90
A7	17 Aug 2026	9	15.22	91.03	7.3	33.33	NA	24.6	1.27	0.91
A7	17 Aug 2026	10	15.05	91.15	7.2	33.33	NA	24.7	1.27	0.90
A7	17 Aug 2026	11	14.78	91.53	7.1	33.33	NA	24.7	1.10	0.93
A7	17 Aug 2026	12	14.71	91.82	7.0	33.34	NA	24.8	1.09	0.92
A7	17 Aug 2026	13	14.56	91.64	7.0	33.33	NA	24.8	1.13	0.91
A7	17 Aug 2026	14	14.57	91.64	7.0	33.33	NA	24.8	1.06	0.91
A7	17 Aug 2026	15	14.48	91.99	6.8	33.34	NA	24.8	1.02	0.91
A7	17 Aug 2026	16	14.47	92.28	6.8	33.34	NA	24.8	0.87	0.92
A7	17 Aug 2026	17	14.47	92.18	6.8	33.34	NA	24.8	0.88	0.92
A7	17 Aug 2026	18	14.48	92.26	6.8	33.34	NA	24.8	0.87	0.93
A7	25 Aug 2026	1	21.01	90.27	8.0	33.36	8.1	23.2	0.87	0.78
A7	25 Aug 2026	2	20.82	90.24	7.8	33.37	8.1	23.3	0.90	0.77
A7	25 Aug 2026	3	19.45	90.10	8.0	33.36	8.1	23.7	1.00	0.75
A7	25 Aug 2026	4	19.35	89.87	8.1	33.33	8.1	23.7	1.02	0.72
A7	25 Aug 2026	5	19.28	90.30	8.0	33.33	8.1	23.7	1.02	0.72
A7	25 Aug 2026	6	19.13	90.35	8.0	33.33	8.1	23.7	1.05	0.74
A7	25 Aug 2026	7	19.13	90.00	8.0	33.33	8.1	23.7	1.23	0.77
A7	25 Aug 2026	8	18.87	89.85	8.0	33.34	8.1	23.8	1.24	0.78
A7	25 Aug 2026	9	18.64	89.40	8.0	33.34	8.1	23.8	1.38	0.83
A7	25 Aug 2026	10	18.56	88.54	7.9	33.34	8.1	23.9	1.47	0.86
A7	25 Aug 2026	11	18.39	88.30	7.8	33.34	8.1	23.9	1.49	0.84
A7	25 Aug 2026	12	17.67	88.18	7.8	33.34	8.1	24.1	1.54	0.85
A7	25 Aug 2026	13	17.39	88.34	7.9	33.33	8.1	24.1	1.49	0.87
A7	25 Aug 2026	14	17.34	88.51	7.8	33.33	8.1	24.2	1.53	0.89
A7	25 Aug 2026	15	17.19	89.01	7.9	33.32	8.1	24.2	1.45	0.87
A7	25 Aug 2026	16	17.08	89.36	7.8	33.33	8.1	24.2	1.40	0.88
A7	25 Aug 2026	17	17.03	89.91	7.7	33.32	8.1	24.2	1.28	0.88
A7	25 Aug 2026	18	16.65	91.46	7.4	33.34	8.1	24.3	1.22	0.86
A7	25 Aug 2026	19	16.53	91.24	7.4	33.33	8	24.3	0.68	0.94
C5	03 Aug 2026	1	23.13	94.37	7.2	33.54	8.2	22.8	0.59	0.67
C5	03 Aug 2026	2	23.13	94.40	7.2	33.54	8.2	22.8	0.60	0.67
C5	03 Aug 2026	3	23.12	94.42	7.2	33.54	8.2	22.8	0.61	0.68
C5	03 Aug 2026	4	23.11	94.42	7.2	33.54	8.2	22.8	0.60	0.66
C5	03 Aug 2026	5	22.40	94.62	7.3	33.56	8.2	23.0	0.61	0.68
C5	03 Aug 2026	6	21.76	94.48	7.5	33.50	8.2	23.1	0.71	0.72
C5	03 Aug 2026	7	21.45	94.07	7.5	33.49	8.2	23.2	0.82	0.78

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
C5	03 Aug 2026	8	21.03	93.32	7.4	33.47	8.2	23.3	0.85	0.78
C5	03 Aug 2026	9	19.44	92.48	7.4	33.51	8.2	23.8	0.81	0.81
C5	03 Aug 2026	10	17.97	92.47	7.5	33.46	8.1	24.1	0.70	0.94
C5	10 Aug 2026	1	19.94	91.84	7.8	33.38	8.1	23.5	0.68	0.77
C5	10 Aug 2026	2	19.73	91.70	7.9	33.38	8.1	23.6	0.67	0.77
C5	10 Aug 2026	3	19.54	92.17	7.9	33.38	8.1	23.6	0.72	0.82
C5	10 Aug 2026	4	19.23	92.32	8.0	33.37	8.1	23.7	0.74	0.81
C5	10 Aug 2026	5	19.13	92.24	8.0	33.37	8.1	23.7	0.75	0.82
C5	10 Aug 2026	6	18.98	91.99	8.0	33.36	8.1	23.8	0.78	0.82
C5	10 Aug 2026	7	18.73	90.98	8.0	33.36	8.1	23.8	0.77	0.85
C5	10 Aug 2026	8	18.46	90.44	8.0	33.36	8.1	23.9	0.79	0.86
C5	10 Aug 2026	9	18.01	89.72	7.8	33.37	8.1	24.0	0.78	0.88
C5	10 Aug 2026	10	16.86	89.17	7.9	33.40	8.1	24.3	0.66	0.95
C5	10 Aug 2026	11	16.34	88.91	8.1	33.36	8.1	24.4	0.46	1.02
C5	17 Aug 2026	1	20.32	82.11	7.5	33.36	NA	23.4	0.56	0.92
C5	17 Aug 2026	2	20.14	83.00	7.4	33.37	NA	23.5	0.57	0.92
C5	17 Aug 2026	3	19.48	84.41	7.2	33.42	NA	23.7	0.61	0.91
C5	17 Aug 2026	4	17.60	85.70	7.5	33.39	NA	24.1	0.81	0.93
C5	17 Aug 2026	5	17.15	86.05	7.7	33.36	NA	24.2	1.30	0.95
C5	17 Aug 2026	6	17.04	85.78	7.6	33.34	NA	24.2	1.85	0.92
C5	17 Aug 2026	7	16.68	86.07	7.2	33.36	NA	24.3	2.02	0.92
C5	17 Aug 2026	8	16.04	87.23	6.9	33.34	NA	24.5	1.16	0.97
C5	17 Aug 2026	9	15.59	88.65	6.7	33.37	NA	24.6	0.66	0.96
C5	17 Aug 2026	10	14.99	88.36	6.7	33.34	NA	24.7	0.55	1.01
C5	17 Aug 2026	11	14.94	81.54	6.7	33.32	NA	24.7	0.59	1.04
C5	25 Aug 2026	1	21.40	89.56	7.9	33.36	8.1	23.1	0.66	0.81
C5	25 Aug 2026	2	21.19	90.09	7.8	33.37	8.1	23.2	0.74	0.82
C5	25 Aug 2026	3	20.50	89.46	7.9	33.38	8.1	23.4	0.97	0.85
C5	25 Aug 2026	4	20.09	88.67	7.8	33.36	8.1	23.5	1.36	0.89
C5	25 Aug 2026	5	19.95	85.84	7.7	33.35	8.1	23.5	1.33	0.95
C5	25 Aug 2026	6	19.90	83.09	7.5	33.35	8.1	23.5	1.17	0.97
C5	25 Aug 2026	7	19.38	81.97	7.4	33.38	8.1	23.7	1.02	1.02
C5	25 Aug 2026	8	18.71	81.32	7.5	33.36	8.1	23.8	1.01	0.99
C5	25 Aug 2026	9	18.58	83.46	7.2	33.35	8	23.9	0.95	1.00
C5	25 Aug 2026	10	18.10	84.30	7.2	33.36	8	24.0	0.62	1.08
C5	25 Aug 2026	11	17.72	84.65	7.4	33.34	8	24.1	0.41	1.06
A6	03 Aug 2026	1	23.33	95.55	7.1	33.55	8.2	22.7	0.47	0.60
A6	03 Aug 2026	2	23.36	95.57	7.1	33.56	8.2	22.7	0.47	0.61
A6	03 Aug 2026	3	23.52	95.49	6.9	33.56	8.2	22.7	0.49	0.60
A6	03 Aug 2026	4	21.42	95.45	7.4	33.56	8.2	23.3	0.53	0.65
A6	03 Aug 2026	5	20.72	94.75	7.6	33.51	8.2	23.4	0.69	0.73
A6	03 Aug 2026	6	19.86	93.82	7.7	33.47	8.1	23.6	0.74	0.73
A6	03 Aug 2026	7	19.32	93.30	7.6	33.44	8.1	23.7	0.95	0.75
A6	03 Aug 2026	8	19.22	93.38	7.7	33.49	8.2	23.8	1.31	0.75
A6	03 Aug 2026	9	18.75	91.56	7.9	33.44	8.2	23.9	1.52	0.76
A6	03 Aug 2026	10	18.37	91.29	8.0	33.40	8.2	24.0	1.70	0.78
A6	03 Aug 2026	11	18.04	91.28	7.9	33.40	8.2	24.0	1.85	0.78
A6	03 Aug 2026	12	17.43	90.91	7.8	33.41	8.2	24.2	1.94	0.79
A6	03 Aug 2026	13	16.35	91.05	7.8	33.40	8.1	24.4	2.12	0.82
A6	03 Aug 2026	14	15.90	92.16	7.8	33.36	8.1	24.5	2.04	0.82
A6	03 Aug 2026	15	15.49	92.62	7.7	33.35	8.1	24.6	1.74	0.84
A6	03 Aug 2026	16	14.88	92.88	7.7	33.36	8.1	24.7	1.72	0.82
A6	03 Aug 2026	17	14.36	92.82	7.6	33.33	8.1	24.8	1.65	0.81
A6	03 Aug 2026	18	14.25	93.21	7.5	33.32	8.1	24.8	1.61	0.82
A6	03 Aug 2026	19	14.13	93.71	7.3	33.34	8.1	24.9	1.50	0.83
A6	10 Aug 2026	1	20.59	93.12	8.0	33.37	8.1	23.4	0.52	0.72
A6	10 Aug 2026	2	20.56	93.46	8.0	33.38	8.1	23.4	0.53	0.71
A6	10 Aug 2026	3	20.05	93.61	8.0	33.39	8.1	23.5	0.57	0.74
A6	10 Aug 2026	4	19.94	93.80	8.1	33.37	8.1	23.5	0.58	0.75
A6	10 Aug 2026	5	19.87	93.75	8.1	33.37	8.1	23.6	0.61	0.74
A6	10 Aug 2026	6	19.73	93.77	8.1	33.37	8.1	23.6	0.59	0.76
A6	10 Aug 2026	7	19.68	93.79	8.1	33.37	8.1	23.6	0.61	0.78
A6	10 Aug 2026	8	19.63	93.68	8.1	33.37	8.1	23.6	0.62	0.76
A6	10 Aug 2026	9	19.60	93.66	8.1	33.37	8.1	23.6	0.59	0.76
A6	10 Aug 2026	10	19.36	93.68	8.0	33.38	8.1	23.7	0.61	0.77
A6	10 Aug 2026	11	18.99	93.60	8.0	33.37	8.1	23.8	0.67	0.78
A6	10 Aug 2026	12	18.60	93.21	8.0	33.38	8.1	23.9	0.70	0.77
A6	10 Aug 2026	13	17.83	93.03	8.0	33.39	8.1	24.1	0.76	0.79
A6	10 Aug 2026	14	17.10	92.75	8.0	33.36	8.1	24.2	0.82	0.82

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
A6	10 Aug 2026	15	16.94	92.83	7.9	33.33	8.1	24.2	0.80	0.84
A6	10 Aug 2026	16	16.60	93.10	7.7	33.35	8.1	24.3	0.77	0.84
A6	10 Aug 2026	17	16.47	93.27	7.6	33.33	8.1	24.4	0.67	0.86
A6	10 Aug 2026	18	16.23	93.52	7.6	33.28	8	24.4	0.66	0.82
A6	17 Aug 2026	1	18.83	85.09	7.6	33.27	NA	23.7	1.19	0.86
A6	17 Aug 2026	2	18.94	84.85	7.6	33.34	NA	23.8	0.99	0.88
A6	17 Aug 2026	3	18.81	85.07	7.6	33.35	NA	23.8	1.01	0.89
A6	17 Aug 2026	4	18.48	85.84	7.7	33.35	NA	23.9	1.10	0.88
A6	17 Aug 2026	5	18.36	86.33	7.7	33.34	NA	23.9	1.16	0.87
A6	17 Aug 2026	6	17.58	87.20	7.7	33.39	NA	24.1	1.21	0.85
A6	17 Aug 2026	7	16.24	88.37	7.7	33.35	NA	24.4	1.52	0.85
A6	17 Aug 2026	8	15.64	89.56	7.6	33.32	NA	24.5	1.53	0.88
A6	17 Aug 2026	9	15.31	90.38	7.4	33.33	NA	24.6	1.41	0.89
A6	17 Aug 2026	10	15.03	91.11	7.3	33.32	NA	24.7	1.31	0.90
A6	17 Aug 2026	11	14.98	91.51	7.3	33.31	NA	24.7	1.44	0.91
A6	17 Aug 2026	12	14.94	91.70	7.2	33.33	NA	24.7	1.46	0.92
A6	17 Aug 2026	13	14.89	91.60	7.2	33.33	NA	24.7	1.40	0.91
A6	17 Aug 2026	14	14.81	91.24	7.1	33.33	NA	24.7	1.26	0.91
A6	17 Aug 2026	15	14.67	91.88	7.0	33.33	NA	24.8	1.12	0.90
A6	17 Aug 2026	16	14.68	92.11	7.0	33.33	NA	24.8	1.10	0.90
A6	17 Aug 2026	17	14.57	91.68	7.0	33.34	NA	24.8	1.17	0.90
A6	17 Aug 2026	18	14.53	90.47	7.0	33.34	NA	24.8	1.21	0.90
A6	17 Aug 2026	19	14.51	92.17	7.0	33.34	NA	24.8	1.24	0.91
A6	17 Aug 2026	20	14.50	92.28	6.9	33.34	NA	24.8	1.21	0.90
A6	25 Aug 2026	1	22.02	89.56	7.7	33.37	8.1	23.0	0.54	0.81
A6	25 Aug 2026	2	21.96	90.22	7.8	33.38	8.1	23.0	0.57	0.82
A6	25 Aug 2026	3	21.61	89.80	7.8	33.39	8.1	23.1	0.64	0.83
A6	25 Aug 2026	4	20.07	89.99	7.9	33.40	8.1	23.5	0.78	0.78
A6	25 Aug 2026	5	19.25	90.83	8.1	33.37	8.1	23.7	0.97	0.82
A6	25 Aug 2026	6	18.96	91.08	8.0	33.35	8.1	23.8	0.91	0.78
A6	25 Aug 2026	7	18.83	91.99	8.0	33.34	8.1	23.8	0.84	0.78
A6	25 Aug 2026	8	18.66	92.40	7.9	33.34	8.1	23.8	0.84	0.79
A6	25 Aug 2026	9	18.30	92.50	7.8	33.34	8.1	23.9	0.90	0.81
A6	25 Aug 2026	10	17.89	92.12	7.8	33.34	8.1	24.0	0.93	0.85
A6	25 Aug 2026	11	17.75	91.90	7.8	33.33	8.1	24.1	0.91	0.86
A6	25 Aug 2026	12	17.40	91.76	7.6	33.33	8.1	24.1	0.92	0.86
A6	25 Aug 2026	13	17.10	91.78	7.5	33.33	8.1	24.2	0.80	0.90
A6	25 Aug 2026	14	17.02	91.66	7.5	33.32	8.1	24.2	0.67	0.92
A6	25 Aug 2026	15	16.66	91.85	7.4	33.33	8.1	24.3	0.69	0.92
A6	25 Aug 2026	16	16.20	91.31	7.4	33.33	8	24.4	0.75	0.93
A6	25 Aug 2026	17	16.07	91.57	7.4	33.32	8	24.4	0.88	0.90
A6	25 Aug 2026	18	15.98	91.75	7.4	33.32	8	24.5	0.89	0.93
A6	25 Aug 2026	19	15.94	91.77	7.3	33.32	8	24.5	0.93	0.93
A6	25 Aug 2026	20	15.86	91.23	7.2	33.32	8	24.5	0.77	0.94
C6	03 Aug 2026	1	23.11	93.44	7.1	33.53	8.2	22.8	0.57	0.74
C6	03 Aug 2026	2	23.05	93.40	7.2	33.53	8.2	22.8	0.61	0.74
C6	03 Aug 2026	3	22.96	92.84	7.3	33.52	8.2	22.8	0.64	0.76
C6	03 Aug 2026	4	22.82	92.56	7.3	33.53	8.2	22.9	0.68	0.78
C6	03 Aug 2026	5	21.94	91.81	7.4	33.55	8.2	23.1	0.74	0.80
C6	03 Aug 2026	6	20.75	91.01	7.4	33.52	8.2	23.4	0.87	0.83
C6	03 Aug 2026	7	19.51	89.81	7.6	33.50	8.2	23.7	1.06	0.88
C6	03 Aug 2026	8	18.43	89.91	7.4	33.48	8.1	24.0	0.89	0.88
C6	03 Aug 2026	9	17.53	90.51	7.6	33.40	8.1	24.2	0.53	0.95
C6	10 Aug 2026	1	19.73	92.48	8.4	33.36	8.2	23.6	0.73	0.78
C6	10 Aug 2026	2	19.69	92.80	8.4	33.36	8.2	23.6	0.75	0.80
C6	10 Aug 2026	3	19.55	92.71	8.3	33.38	8.2	23.6	0.75	0.80
C6	10 Aug 2026	4	19.18	92.71	8.2	33.37	8.1	23.7	0.79	0.81
C6	10 Aug 2026	5	19.09	92.64	8.2	33.36	8.1	23.7	0.78	0.79
C6	10 Aug 2026	6	19.00	92.56	8.3	33.36	8.1	23.8	0.77	0.81
C6	10 Aug 2026	7	18.98	92.35	8.3	33.36	8.1	23.8	0.76	0.82
C6	10 Aug 2026	8	18.92	92.29	8.2	33.36	8.1	23.8	0.75	0.84
C6	10 Aug 2026	9	18.82	92.16	8.0	33.37	8.1	23.8	0.71	0.83
C6	10 Aug 2026	10	17.12	92.24	8.0	33.47	8.1	24.3	0.61	0.85
C6	17 Aug 2026	1	20.13	72.46	6.9	33.37	NA	23.5	0.51	1.15
C6	17 Aug 2026	2	19.08	69.93	7.1	33.43	NA	23.8	0.58	1.15
C6	17 Aug 2026	3	17.52	66.96	7.7	33.38	NA	24.1	1.17	0.98
C6	17 Aug 2026	4	16.97	75.85	7.7	33.35	NA	24.3	1.65	0.88
C6	17 Aug 2026	5	16.44	86.08	7.6	33.34	NA	24.4	1.68	0.90
C6	17 Aug 2026	6	16.33	85.47	7.4	33.32	NA	24.4	1.41	0.91

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
C6	17 Aug 2026	7	15.95	87.95	7.1	33.35	NA	24.5	1.21	0.94
C6	17 Aug 2026	8	15.56	89.17	6.7	33.34	NA	24.6	0.76	0.99
C6	17 Aug 2026	9	15.40	81.08	6.6	33.32	NA	24.6	0.43	1.05
C6	17 Aug 2026	10	15.36	74.49	6.6	33.33	NA	24.6	0.45	1.08
C6	25 Aug 2026	1	21.74	86.10	7.7	33.37	8.1	23.1	0.48	0.90
C6	25 Aug 2026	2	21.64	86.05	7.8	33.37	8.1	23.1	0.52	0.90
C6	25 Aug 2026	3	21.18	85.82	7.9	33.38	8.1	23.2	0.61	0.90
C6	25 Aug 2026	4	20.19	86.02	8.0	33.38	8.1	23.5	0.86	0.89
C6	25 Aug 2026	5	19.59	86.28	8.0	33.37	8.1	23.6	0.98	0.93
C6	25 Aug 2026	6	19.17	86.36	8.0	33.37	8.1	23.7	1.09	0.93
C6	25 Aug 2026	7	18.66	86.72	7.9	33.36	8.1	23.9	1.09	0.91
C6	25 Aug 2026	8	18.34	88.06	7.7	33.35	8.1	23.9	0.87	0.92
C6	25 Aug 2026	9	17.79	88.45	7.5	33.35	8.1	24.1	0.61	0.95
C6	25 Aug 2026	10	17.67	87.18	7.5	33.34	8	24.1	0.37	1.04
C6	25 Aug 2026	11	17.76	86.71	7.5	33.34	8	24.1	0.39	1.04
C7	03 Aug 2026	1	23.75	95.18	7.0	33.56	8.2	22.6	0.48	0.59
C7	03 Aug 2026	2	23.75	95.21	7.0	33.56	8.2	22.6	0.49	0.60
C7	03 Aug 2026	3	23.64	95.31	6.9	33.57	8.2	22.7	0.51	0.57
C7	03 Aug 2026	4	23.26	93.77	6.9	33.58	8.2	22.8	0.47	0.57
C7	03 Aug 2026	5	21.49	94.11	7.3	33.60	8.2	23.3	0.39	0.57
C7	03 Aug 2026	6	20.45	95.74	7.5	33.51	8.2	23.5	0.33	0.58
C7	03 Aug 2026	7	19.33	96.28	7.7	33.48	8.2	23.8	0.32	0.59
C7	03 Aug 2026	8	18.20	96.50	7.9	33.44	8.1	24.0	0.46	0.65
C7	03 Aug 2026	9	17.66	95.95	8.0	33.38	8.1	24.1	0.74	0.72
C7	03 Aug 2026	10	17.52	95.35	8.0	33.36	8.1	24.1	0.97	0.72
C7	03 Aug 2026	11	17.28	94.30	7.8	33.36	8.1	24.2	1.05	0.72
C7	03 Aug 2026	12	16.73	93.60	7.8	33.37	8.1	24.3	1.11	0.73
C7	03 Aug 2026	13	16.20	93.21	7.8	33.37	8.1	24.4	1.35	0.75
C7	03 Aug 2026	14	15.52	92.72	7.7	33.38	8.1	24.6	1.35	0.79
C7	03 Aug 2026	15	14.99	92.48	7.6	33.34	8.1	24.7	0.95	0.81
C7	03 Aug 2026	16	14.89	93.07	7.5	33.32	8.1	24.7	0.72	0.81
C7	03 Aug 2026	17	14.85	93.70	7.5	33.32	8.1	24.7	0.60	0.81
C7	03 Aug 2026	18	14.86	94.19	7.5	33.32	8.1	24.7	0.53	0.81
C7	10 Aug 2026	1	19.32	90.37	8.3	33.34	8.1	23.7	0.70	0.81
C7	10 Aug 2026	2	19.41	85.93	8.2	33.35	8.1	23.7	0.73	0.80
C7	10 Aug 2026	3	19.06	88.90	8.1	33.40	8.1	23.8	0.70	0.81
C7	10 Aug 2026	4	17.67	91.13	8.2	33.42	8.1	24.1	0.76	0.81
C7	10 Aug 2026	5	17.12	91.82	8.2	33.35	8.1	24.2	0.90	0.84
C7	10 Aug 2026	6	16.94	92.32	8.2	33.33	8.1	24.2	0.94	0.79
C7	10 Aug 2026	7	16.80	92.73	8.2	33.32	8.1	24.3	0.96	0.79
C7	10 Aug 2026	8	16.69	92.88	8.1	33.31	8.1	24.3	1.00	0.79
C7	10 Aug 2026	9	16.56	92.67	8.1	33.32	8.1	24.3	1.05	0.81
C7	10 Aug 2026	10	16.07	92.58	7.9	33.34	8.1	24.5	1.14	0.84
C7	10 Aug 2026	11	15.74	92.53	7.8	33.33	8.1	24.5	1.21	0.88
C7	10 Aug 2026	12	15.63	92.72	7.8	33.31	8.1	24.5	1.07	0.89
C7	10 Aug 2026	13	15.50	92.98	7.7	33.32	8.1	24.6	0.97	0.91
C7	10 Aug 2026	14	15.37	93.15	7.7	33.32	8	24.6	0.97	0.90
C7	10 Aug 2026	15	15.30	93.26	7.6	33.32	8	24.6	0.89	0.92
C7	10 Aug 2026	16	15.17	93.38	7.5	33.32	8	24.6	0.73	0.93
C7	10 Aug 2026	17	14.91	93.73	7.4	33.32	8	24.7	0.64	0.93
C7	10 Aug 2026	18	14.77	93.89	7.3	33.32	8	24.7	0.56	0.95
C7	10 Aug 2026	19	14.81	93.87	7.2	33.31	8	24.7	0.48	0.98
C7	17 Aug 2026	1	19.01	82.78	7.4	33.37	NA	23.8	0.91	0.90
C7	17 Aug 2026	2	18.72	83.47	7.5	33.36	NA	23.8	0.94	0.90
C7	17 Aug 2026	3	17.42	85.05	7.7	33.40	NA	24.2	1.01	0.89
C7	17 Aug 2026	4	16.99	86.60	7.8	33.35	NA	24.2	1.40	0.89
C7	17 Aug 2026	5	16.88	86.95	7.7	33.33	NA	24.3	1.69	0.89
C7	17 Aug 2026	6	16.67	86.87	7.6	33.33	NA	24.3	1.82	0.90
C7	17 Aug 2026	7	16.53	86.80	7.5	33.33	NA	24.3	1.81	0.92
C7	17 Aug 2026	8	16.41	86.54	7.4	33.33	NA	24.4	1.76	0.94
C7	17 Aug 2026	9	16.24	86.88	7.4	33.33	NA	24.4	1.71	0.93
C7	17 Aug 2026	10	16.12	87.64	7.4	33.33	NA	24.4	1.62	0.94
C7	17 Aug 2026	11	16.04	88.27	7.4	33.33	NA	24.5	1.53	0.93
C7	17 Aug 2026	12	15.93	88.66	7.3	33.33	NA	24.5	1.52	0.95
C7	17 Aug 2026	13	15.75	88.64	7.3	33.33	NA	24.5	1.44	0.95
C7	17 Aug 2026	14	15.54	89.35	7.3	33.33	NA	24.6	1.31	0.96
C7	17 Aug 2026	15	15.61	89.79	7.2	33.32	NA	24.5	1.25	0.95
C7	17 Aug 2026	16	15.13	90.64	7.1	33.35	NA	24.7	1.29	0.92
C7	17 Aug 2026	17	14.77	91.56	6.9	33.34	NA	24.7	1.09	0.94
C7	17 Aug 2026	18	14.69	91.88	6.8	33.33	NA	24.8	0.75	0.95

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
C7	25 Aug 2026	1	22.38	93.95	7.2	33.39	8.1	22.9	0.37	0.68
C7	25 Aug 2026	2	22.33	94.02	7.2	33.39	8.1	22.9	0.36	0.69
C7	25 Aug 2026	3	21.96	93.74	7.4	33.40	8.1	23.0	0.37	0.68
C7	25 Aug 2026	4	21.46	93.92	7.5	33.39	8.1	23.1	0.47	0.72
C7	25 Aug 2026	5	20.89	93.57	7.6	33.38	8.1	23.3	0.56	0.76
C7	25 Aug 2026	6	19.79	92.76	7.8	33.39	8.1	23.6	0.67	0.77
C7	25 Aug 2026	7	19.01	91.47	7.9	33.36	8.1	23.8	0.74	0.81
C7	25 Aug 2026	8	18.25	91.14	8.0	33.36	8.1	24.0	0.79	0.80
C7	25 Aug 2026	9	17.86	91.70	8.0	33.33	8.1	24.0	0.90	0.81
C7	25 Aug 2026	10	17.73	92.31	7.9	33.32	8.1	24.1	1.00	0.81
C7	25 Aug 2026	11	17.49	92.45	7.9	33.33	8.1	24.1	0.94	0.84
C7	25 Aug 2026	12	17.44	92.17	7.8	33.33	8.1	24.1	0.95	0.86
C7	25 Aug 2026	13	17.15	92.00	7.8	33.33	8.1	24.2	1.04	0.88
C7	25 Aug 2026	14	17.07	91.53	7.8	33.33	8.1	24.2	0.96	0.89
C7	25 Aug 2026	15	17.02	91.40	7.7	33.33	8.1	24.2	0.96	0.90
C7	25 Aug 2026	16	16.75	91.51	7.6	33.33	8.1	24.3	0.93	0.89
C7	25 Aug 2026	17	16.57	91.45	7.4	33.34	8.1	24.3	0.96	0.90
C7	25 Aug 2026	18	16.14	91.66	7.2	33.32	8	24.4	0.67	0.94
C8	03 Aug 2026	1	22.87	96.33	7.0	33.54	8.2	22.9	0.39	0.58
C8	03 Aug 2026	2	22.40	96.25	7.1	33.53	8.1	23.0	0.33	0.56
C8	03 Aug 2026	3	22.19	96.31	7.2	33.51	8.1	23.0	0.28	0.57
C8	03 Aug 2026	4	21.75	96.83	7.2	33.52	8.2	23.2	0.29	0.59
C8	03 Aug 2026	5	20.75	96.87	7.5	33.49	8.2	23.4	0.32	0.60
C8	03 Aug 2026	6	20.16	96.65	7.6	33.47	8.2	23.6	0.35	0.64
C8	03 Aug 2026	7	19.67	96.44	7.8	33.45	8.2	23.7	0.38	0.62
C8	03 Aug 2026	8	19.06	96.52	7.8	33.44	8.2	23.8	0.40	0.63
C8	03 Aug 2026	9	17.97	96.30	8.0	33.42	8.2	24.1	0.43	0.63
C8	03 Aug 2026	10	17.41	96.13	8.1	33.38	8.1	24.2	0.57	0.68
C8	03 Aug 2026	11	17.28	95.94	8.0	33.35	8.1	24.2	0.69	0.67
C8	03 Aug 2026	12	17.18	95.25	8.0	33.35	8.1	24.2	0.77	0.71
C8	03 Aug 2026	13	16.98	94.88	8.0	33.35	8.1	24.3	0.81	0.72
C8	03 Aug 2026	14	16.90	93.64	8.0	33.35	8.1	24.3	0.82	0.75
C8	03 Aug 2026	15	16.79	90.93	8.0	33.36	8.1	24.3	0.75	0.79
C8	03 Aug 2026	16	16.62	92.53	7.9	33.38	8.1	24.4	0.70	0.82
C8	03 Aug 2026	17	16.25	92.39	7.9	33.37	8.1	24.4	0.76	0.79
C8	03 Aug 2026	18	15.81	92.50	7.8	33.37	8.1	24.5	0.85	0.77
C8	03 Aug 2026	19	15.60	92.87	7.7	33.40	8.1	24.6	0.83	0.78
C8	10 Aug 2026	1	20.78	90.50	7.8	33.37	8.1	23.3	0.91	0.73
C8	10 Aug 2026	2	20.82	90.73	7.8	33.38	8.1	23.3	0.93	0.74
C8	10 Aug 2026	3	20.75	90.86	7.8	33.38	8.1	23.3	1.02	0.73
C8	10 Aug 2026	4	20.63	90.99	7.8	33.39	8.1	23.4	1.06	0.71
C8	10 Aug 2026	5	20.27	90.94	8.0	33.38	8.1	23.5	0.95	0.75
C8	10 Aug 2026	6	20.09	91.08	8.0	33.39	8.1	23.5	0.87	0.77
C8	10 Aug 2026	7	18.92	91.07	8.1	33.41	8.1	23.8	0.85	0.78
C8	10 Aug 2026	8	18.28	91.43	8.2	33.37	8.1	24.0	0.75	0.75
C8	10 Aug 2026	9	17.61	91.75	8.2	33.38	8.1	24.1	0.84	0.75
C8	10 Aug 2026	10	17.08	92.42	8.4	33.33	8.1	24.2	0.91	0.77
C8	10 Aug 2026	11	16.84	92.35	8.4	33.33	8.1	24.3	0.95	0.77
C8	10 Aug 2026	12	16.35	91.81	8.3	33.34	8.1	24.4	1.19	0.80
C8	10 Aug 2026	13	15.99	90.62	8.3	33.32	8.1	24.5	1.56	0.84
C8	10 Aug 2026	14	15.78	89.77	8.2	33.32	8.1	24.5	1.97	0.86
C8	10 Aug 2026	15	15.47	89.11	8.1	33.33	8.1	24.6	2.25	0.87
C8	10 Aug 2026	16	15.24	89.12	7.8	33.32	8.1	24.6	2.09	0.90
C8	10 Aug 2026	17	15.08	90.22	7.5	33.32	8	24.7	1.32	0.91
C8	10 Aug 2026	18	15.07	91.80	7.4	33.32	8	24.7	0.60	0.95
C8	10 Aug 2026	19	15.07	92.57	7.3	33.32	8	24.7	0.57	0.95
C8	10 Aug 2026	20	15.07	92.36	7.3	33.32	8	24.7	0.56	0.92
C8	17 Aug 2026	1	18.70	83.07	7.6	33.40	NA	23.9	0.85	0.96
C8	17 Aug 2026	2	17.22	87.09	7.9	33.38	NA	24.2	0.94	0.90
C8	17 Aug 2026	3	16.53	89.49	8.1	33.32	NA	24.3	1.12	0.80
C8	17 Aug 2026	4	16.43	89.76	8.1	33.30	NA	24.3	1.25	0.79
C8	17 Aug 2026	5	16.37	89.54	8.1	33.30	NA	24.4	1.42	0.80
C8	17 Aug 2026	6	16.34	89.19	8.1	33.30	NA	24.4	1.68	0.80
C8	17 Aug 2026	7	16.25	88.70	7.9	33.32	NA	24.4	2.06	0.81
C8	17 Aug 2026	8	16.14	88.38	7.8	33.32	NA	24.4	2.28	0.84
C8	17 Aug 2026	9	16.05	88.05	7.7	33.32	NA	24.4	2.37	0.86
C8	17 Aug 2026	10	16.04	87.82	7.7	33.32	NA	24.4	2.37	0.87
C8	17 Aug 2026	11	16.03	87.64	7.7	33.32	NA	24.4	2.39	0.88
C8	17 Aug 2026	12	15.89	87.49	7.6	33.33	NA	24.5	2.31	0.88
C8	17 Aug 2026	13	15.69	87.41	7.4	33.34	NA	24.5	2.10	0.89

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
C8	17 Aug 2026	14	15.14	87.98	7.2	33.35	NA	24.7	1.67	0.92
C8	17 Aug 2026	15	14.98	88.96	7.0	33.34	NA	24.7	0.96	0.94
C8	17 Aug 2026	16	14.90	89.79	7.0	33.34	NA	24.7	0.88	0.95
C8	17 Aug 2026	17	14.76	90.01	6.9	33.34	NA	24.7	0.82	0.95
C8	17 Aug 2026	18	14.68	90.14	6.8	33.33	NA	24.8	0.75	0.94
C8	17 Aug 2026	19	14.68	90.08	6.8	33.33	NA	24.8	0.73	0.95
C8	25 Aug 2026	1	22.07	88.32	7.3	33.41	8.1	23.0	0.61	0.89
C8	25 Aug 2026	2	21.91	88.13	7.3	33.41	8.1	23.0	0.66	0.91
C8	25 Aug 2026	3	21.38	87.90	7.5	33.40	8.1	23.2	0.70	0.89
C8	25 Aug 2026	4	20.73	88.25	7.7	33.39	8.1	23.3	0.58	0.78
C8	25 Aug 2026	5	20.29	90.17	7.8	33.37	8.1	23.4	0.48	0.70
C8	25 Aug 2026	6	19.89	91.78	7.9	33.37	8.1	23.5	0.47	0.71
C8	25 Aug 2026	7	19.39	92.83	7.9	33.36	8.1	23.7	0.44	0.71
C8	25 Aug 2026	8	19.18	93.22	7.8	33.34	8.1	23.7	0.62	0.76
C8	25 Aug 2026	9	18.99	92.98	7.8	33.34	8.1	23.8	0.73	0.78
C8	25 Aug 2026	10	18.57	92.25	8.0	33.35	8.1	23.9	0.71	0.77
C8	25 Aug 2026	11	17.96	92.28	8.1	33.34	8.1	24.0	0.65	0.75
C8	25 Aug 2026	12	17.63	92.47	8.0	33.32	8.1	24.1	0.74	0.76
C8	25 Aug 2026	13	17.48	92.64	8.0	33.32	8.1	24.1	0.81	0.78
C8	25 Aug 2026	14	17.34	92.36	7.9	33.33	8.1	24.1	0.84	0.80
C8	25 Aug 2026	15	17.15	92.36	7.7	33.33	8.1	24.2	0.84	0.80
C8	25 Aug 2026	16	16.88	92.00	7.5	33.33	8.1	24.3	0.68	0.88
C8	25 Aug 2026	17	16.63	91.68	7.3	33.33	8.1	24.3	0.57	0.94
C8	25 Aug 2026	18	16.39	90.18	7.3	33.33	8	24.4	0.44	0.94
C8	25 Aug 2026	19	16.14	89.74	7.2	33.33	8	24.4	0.46	0.95
C8	25 Aug 2026	20	16.16	89.25	7.2	33.33	8	24.4	0.50	0.96

NA = not available

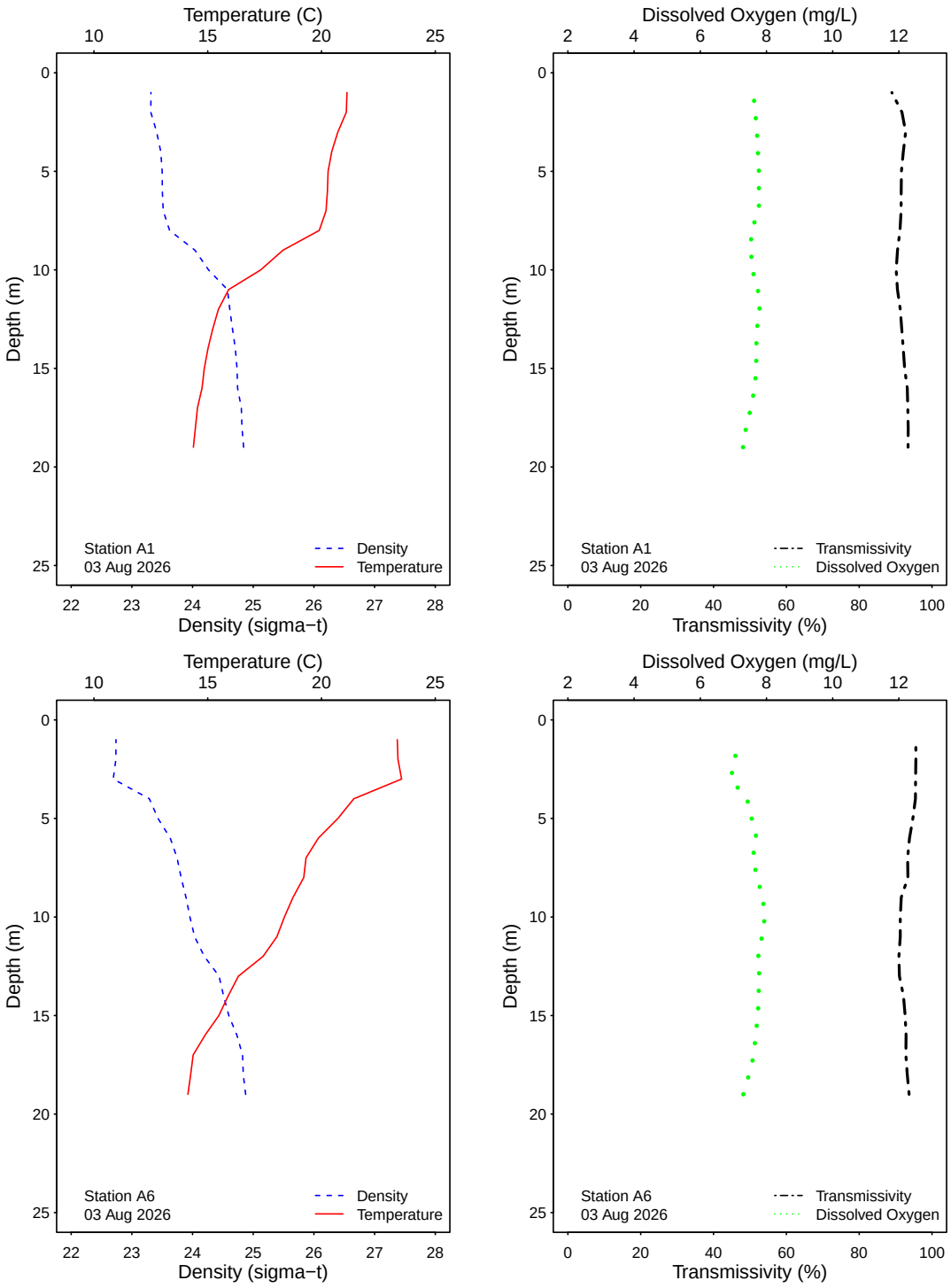


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

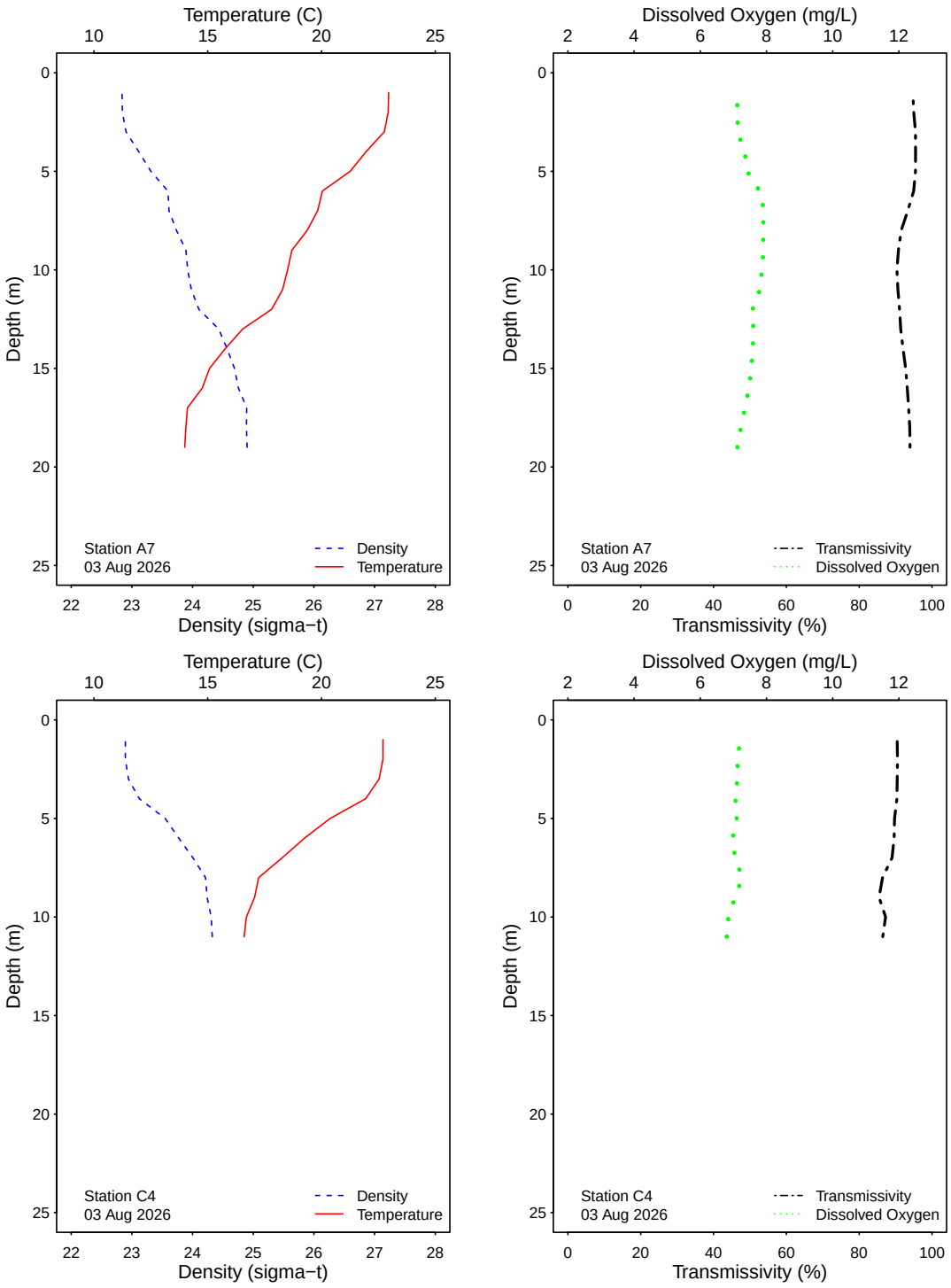


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

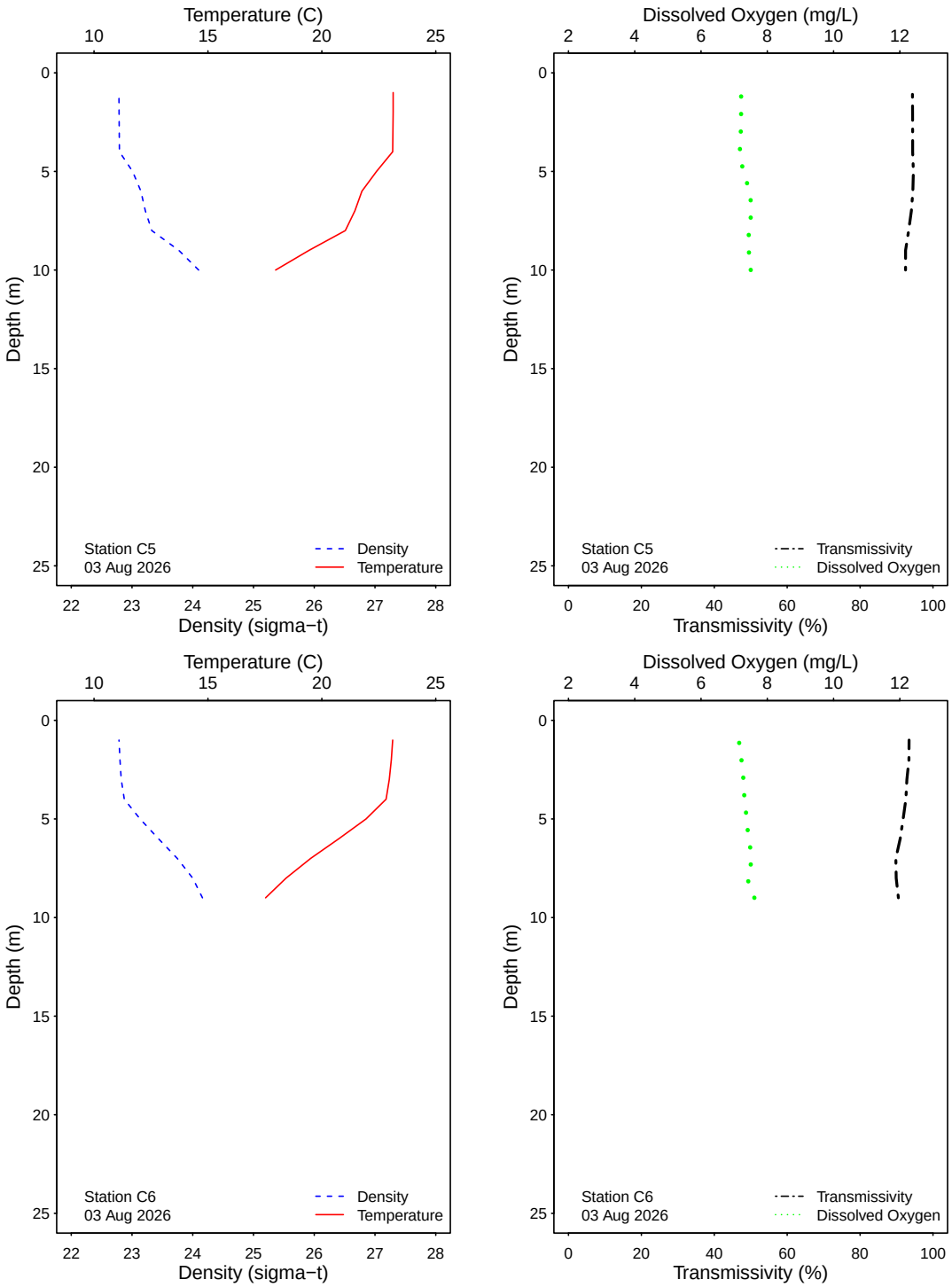


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

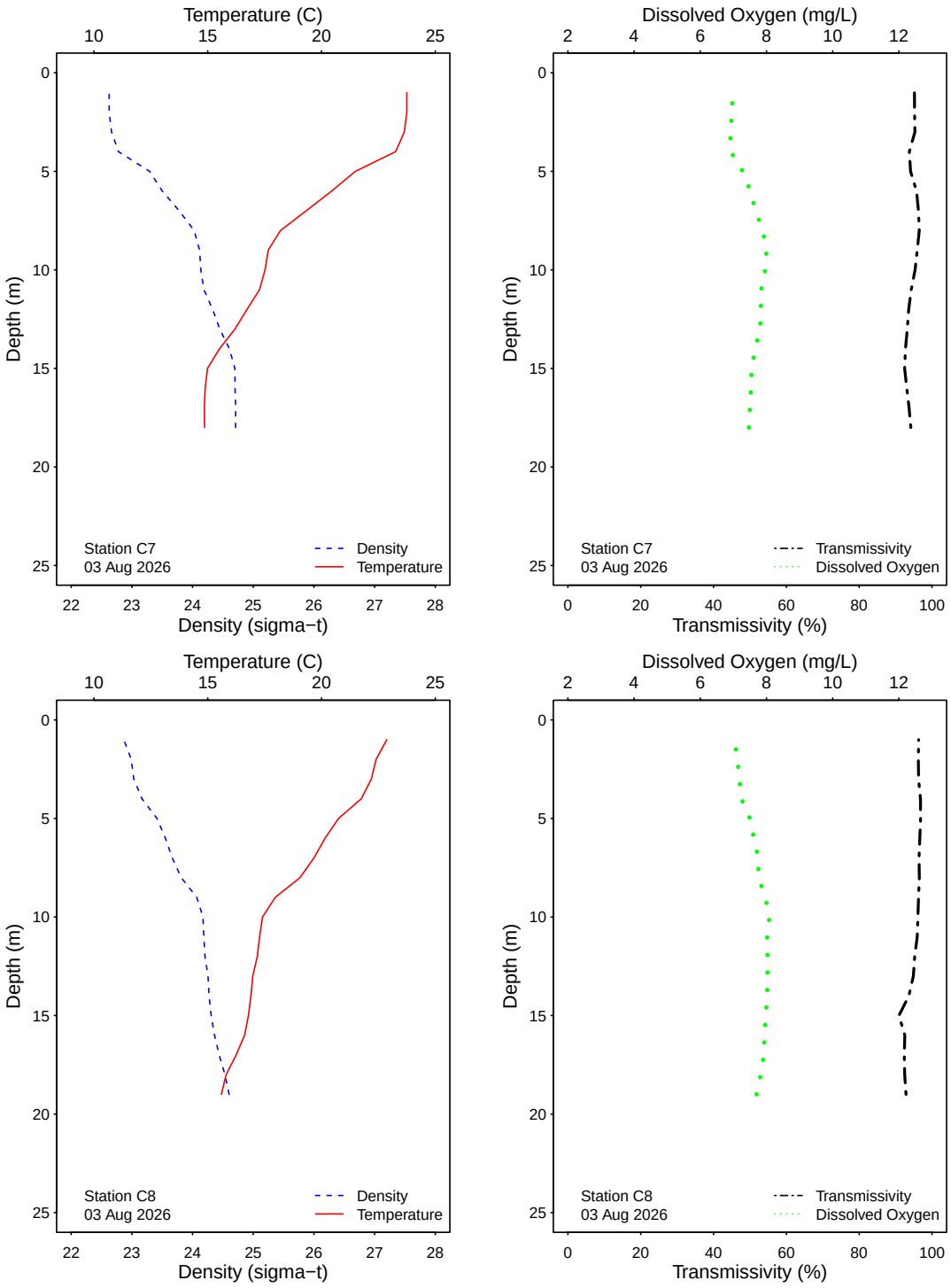


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

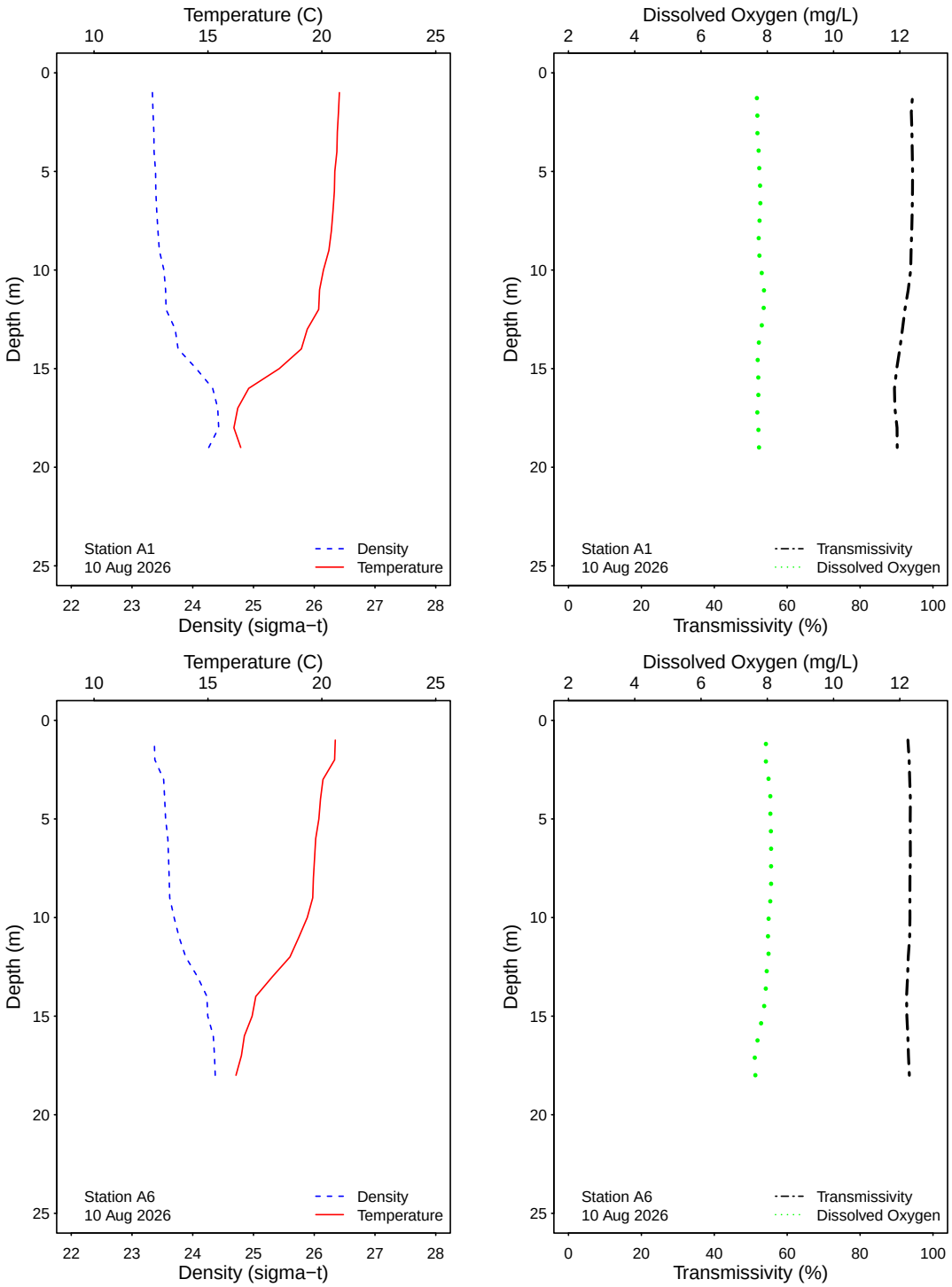


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

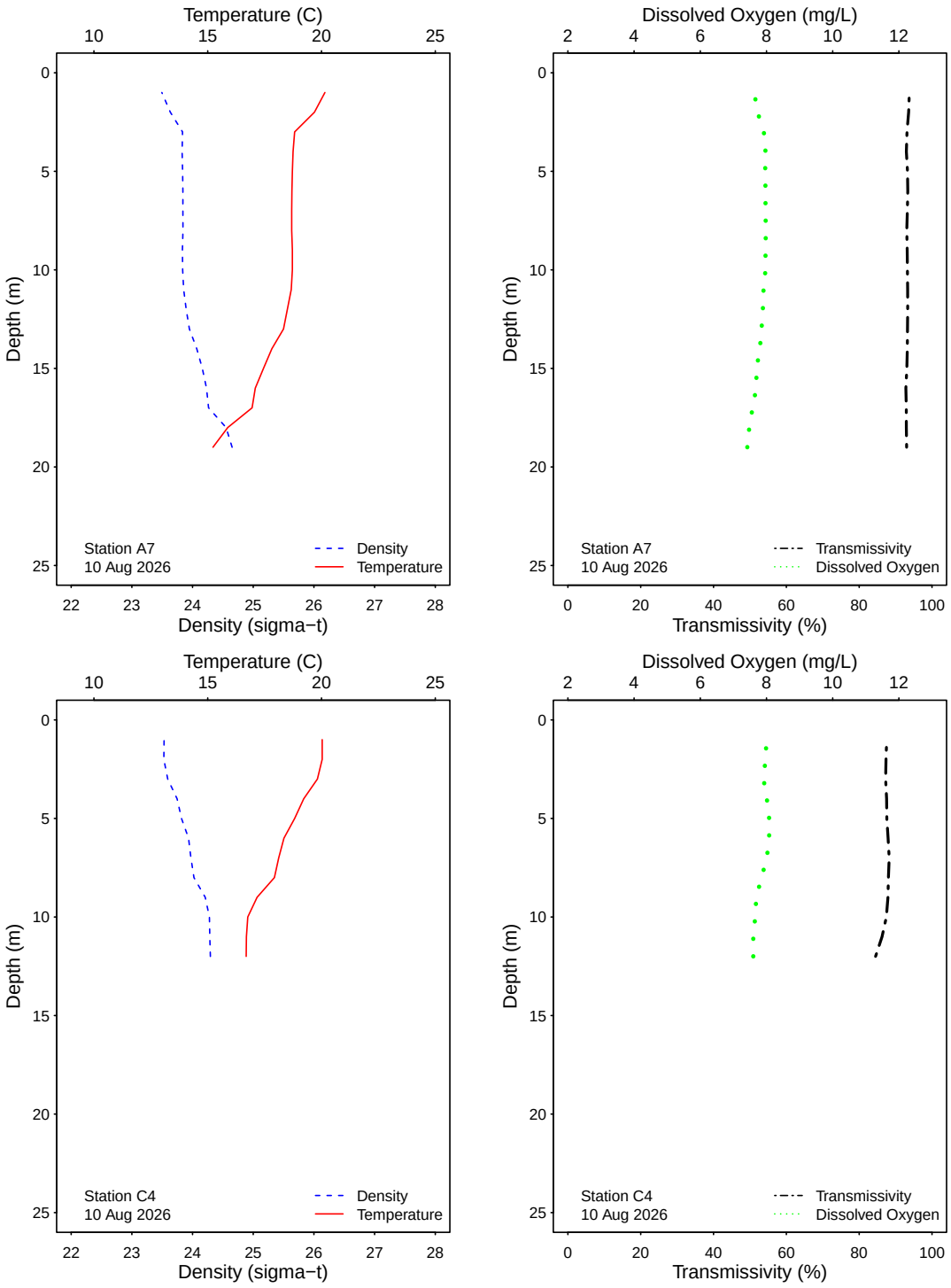


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

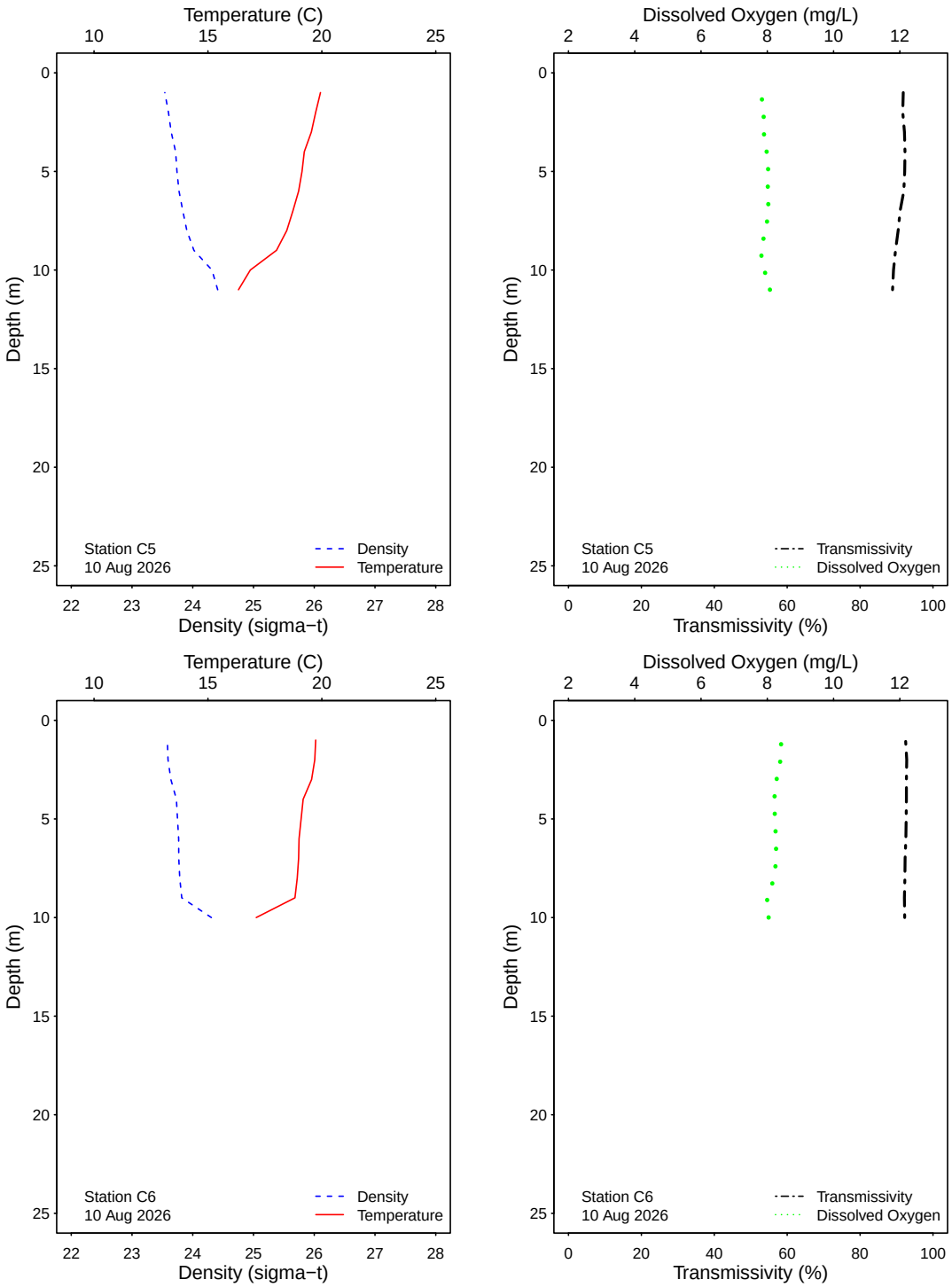


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

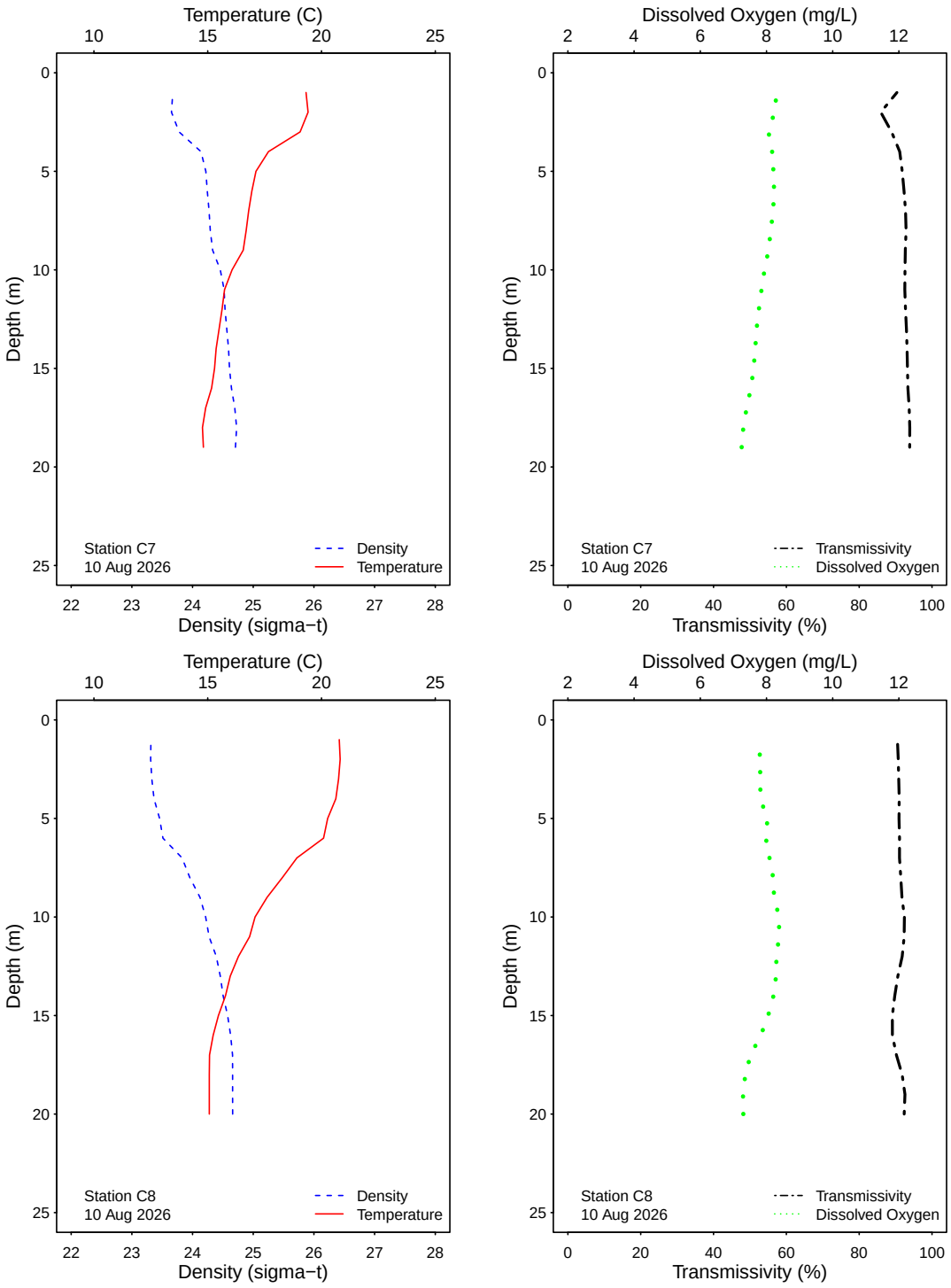


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

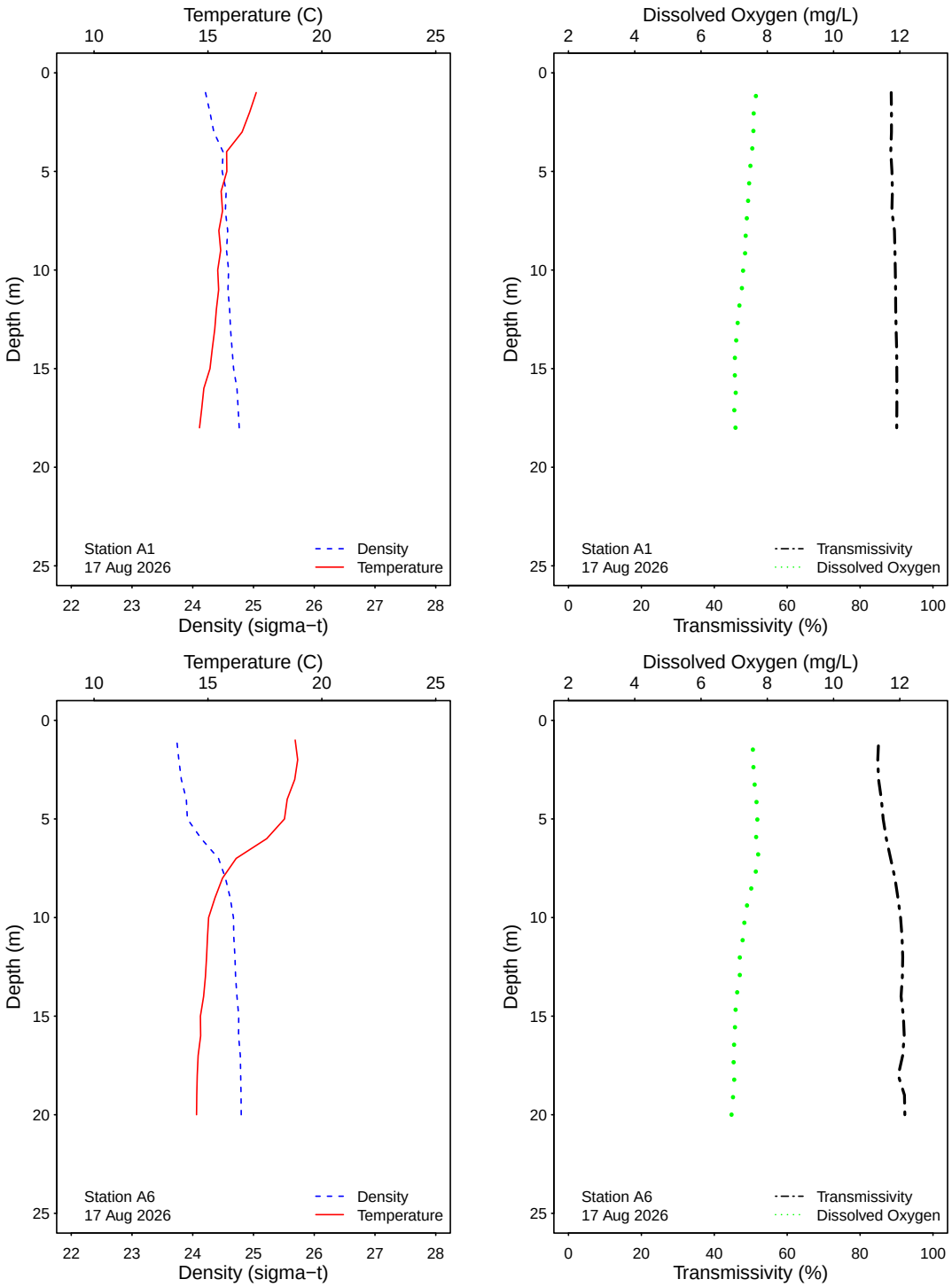


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

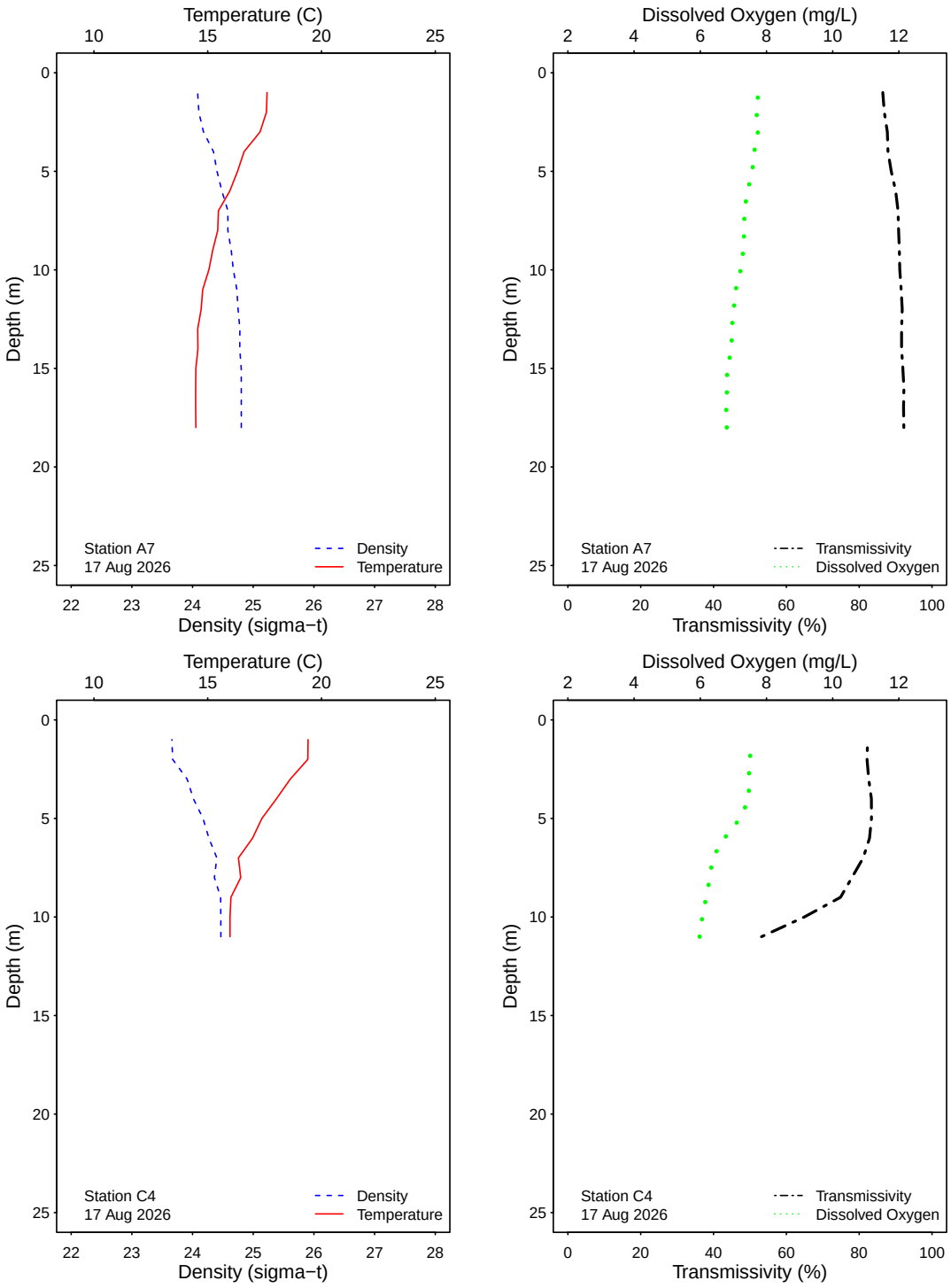


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

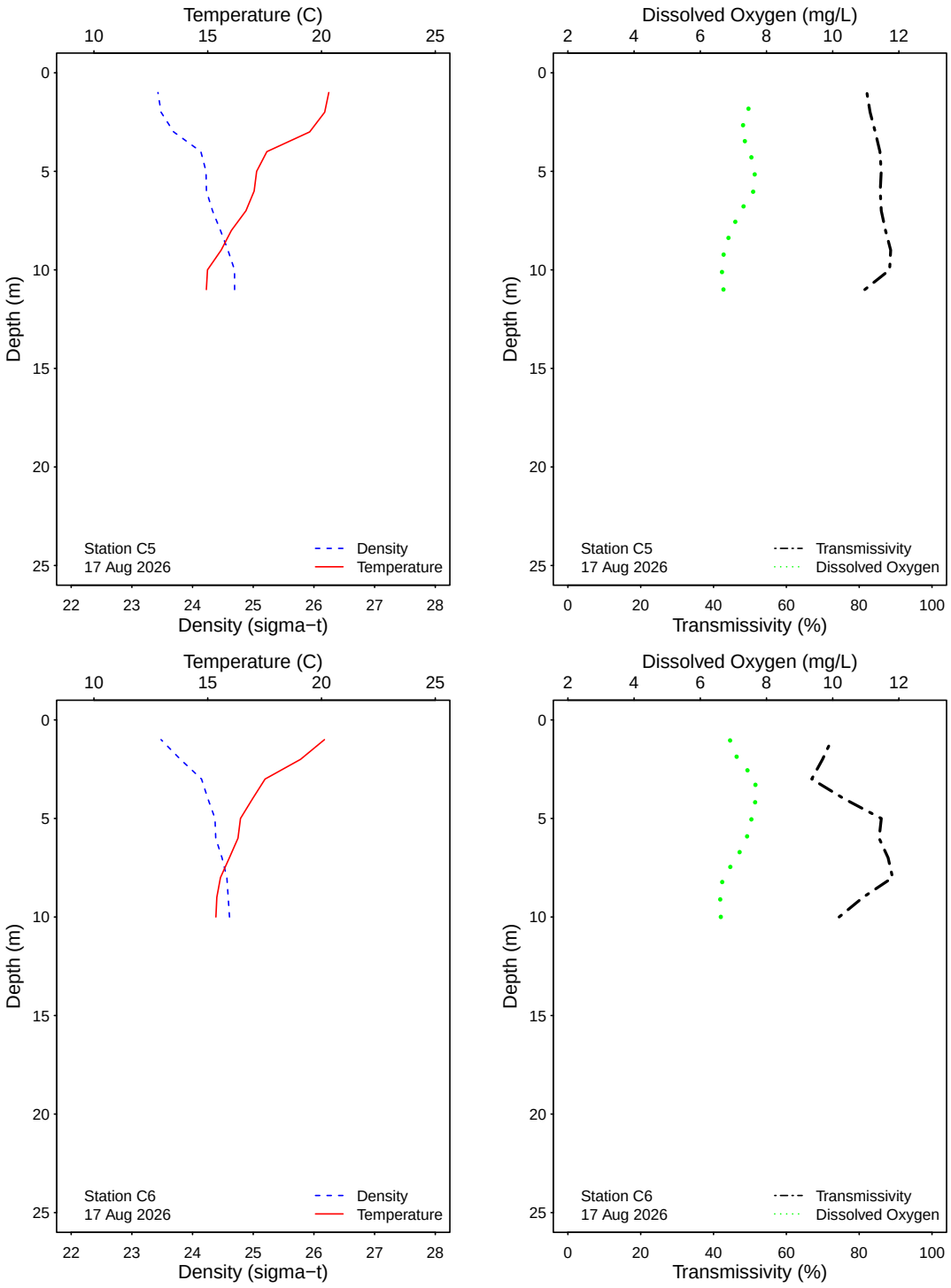


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

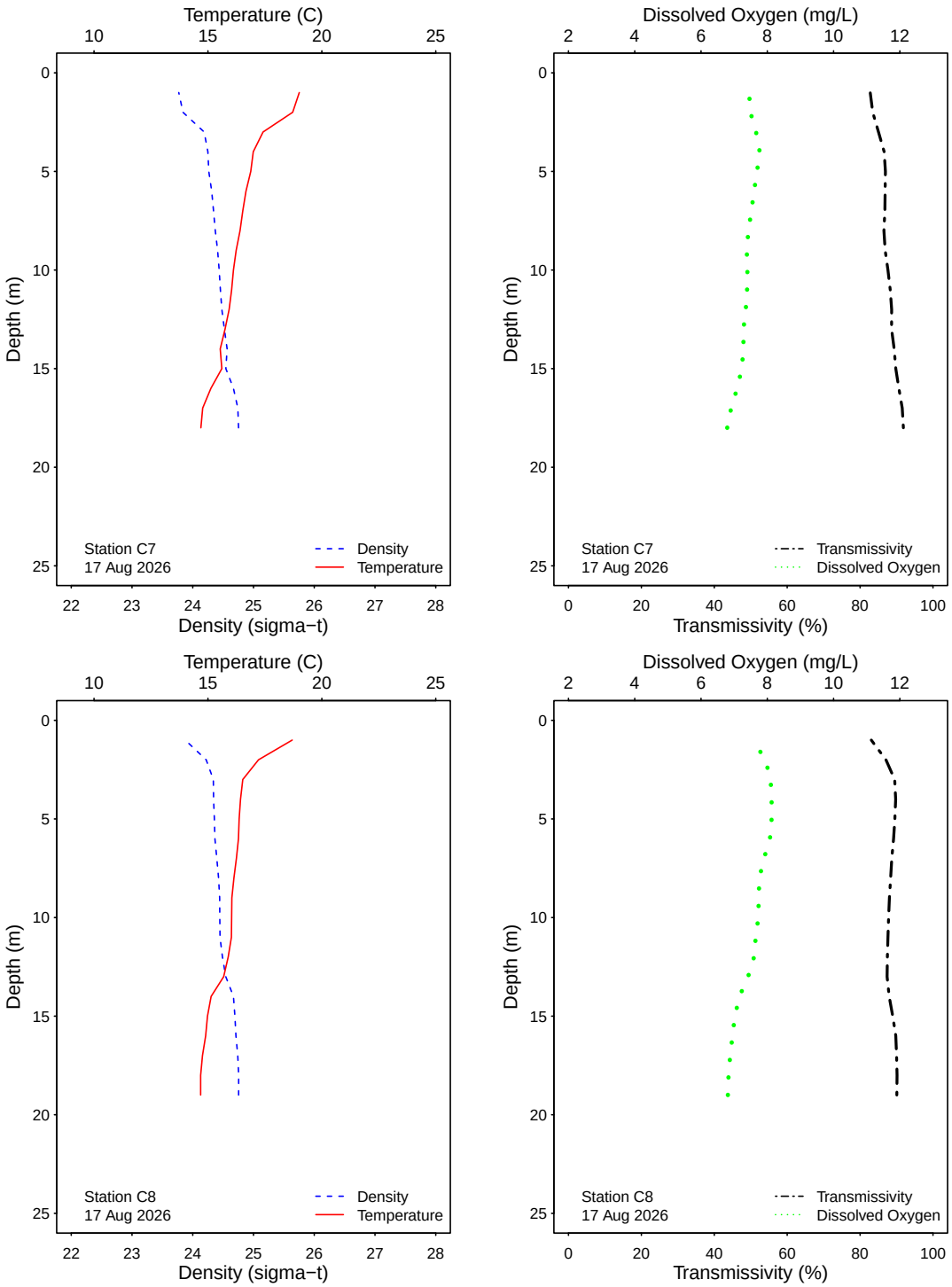


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

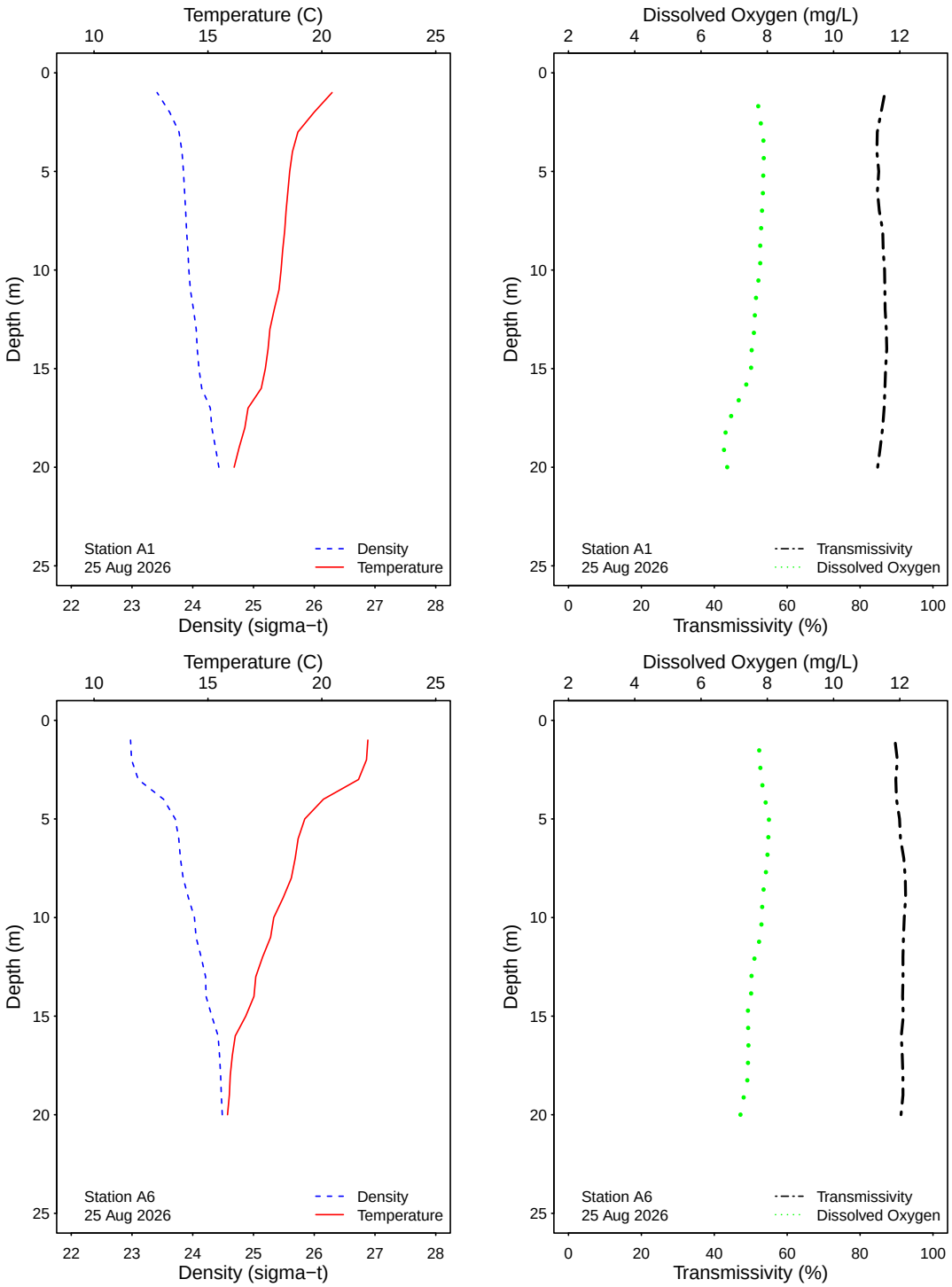


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

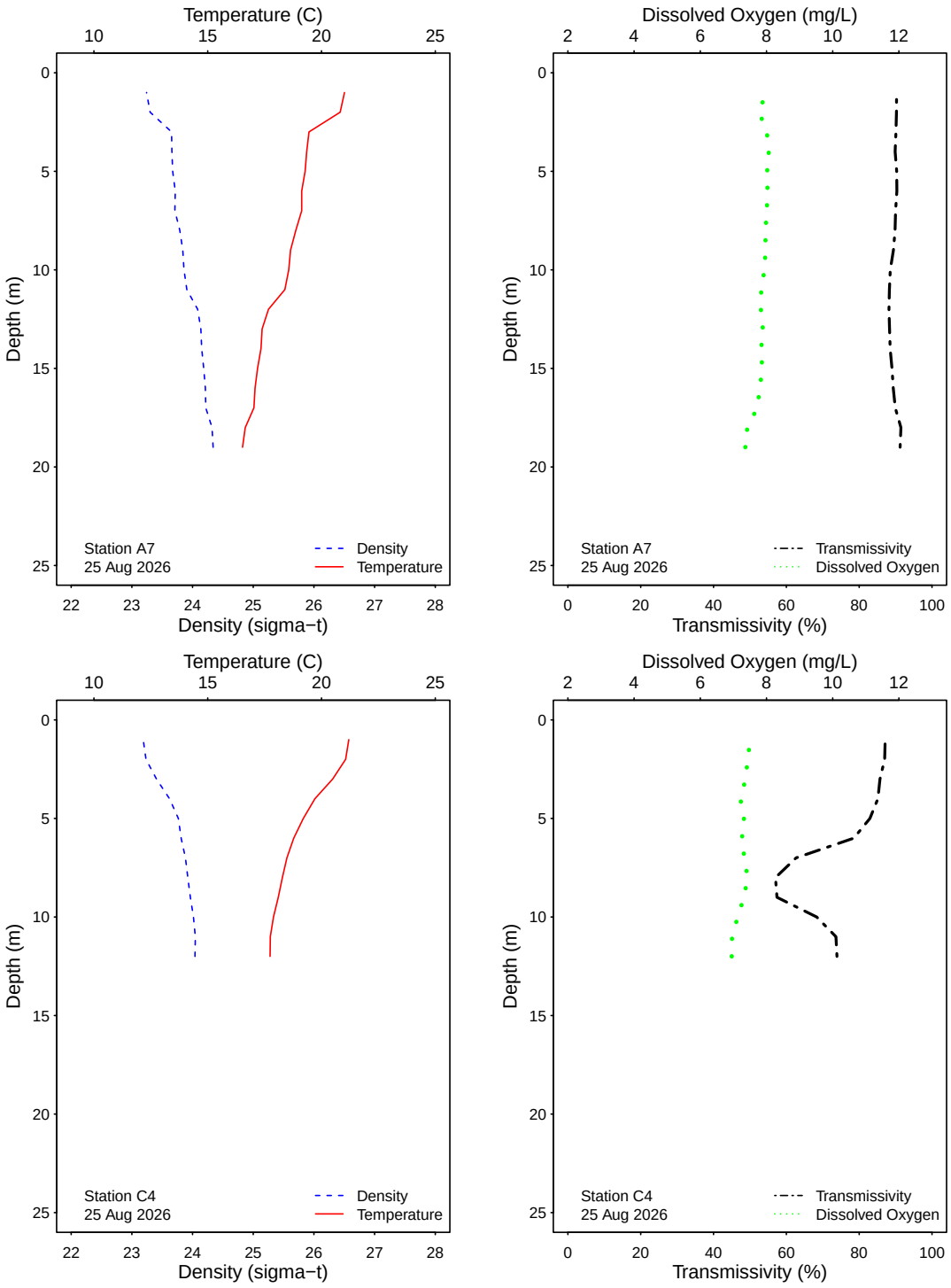


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

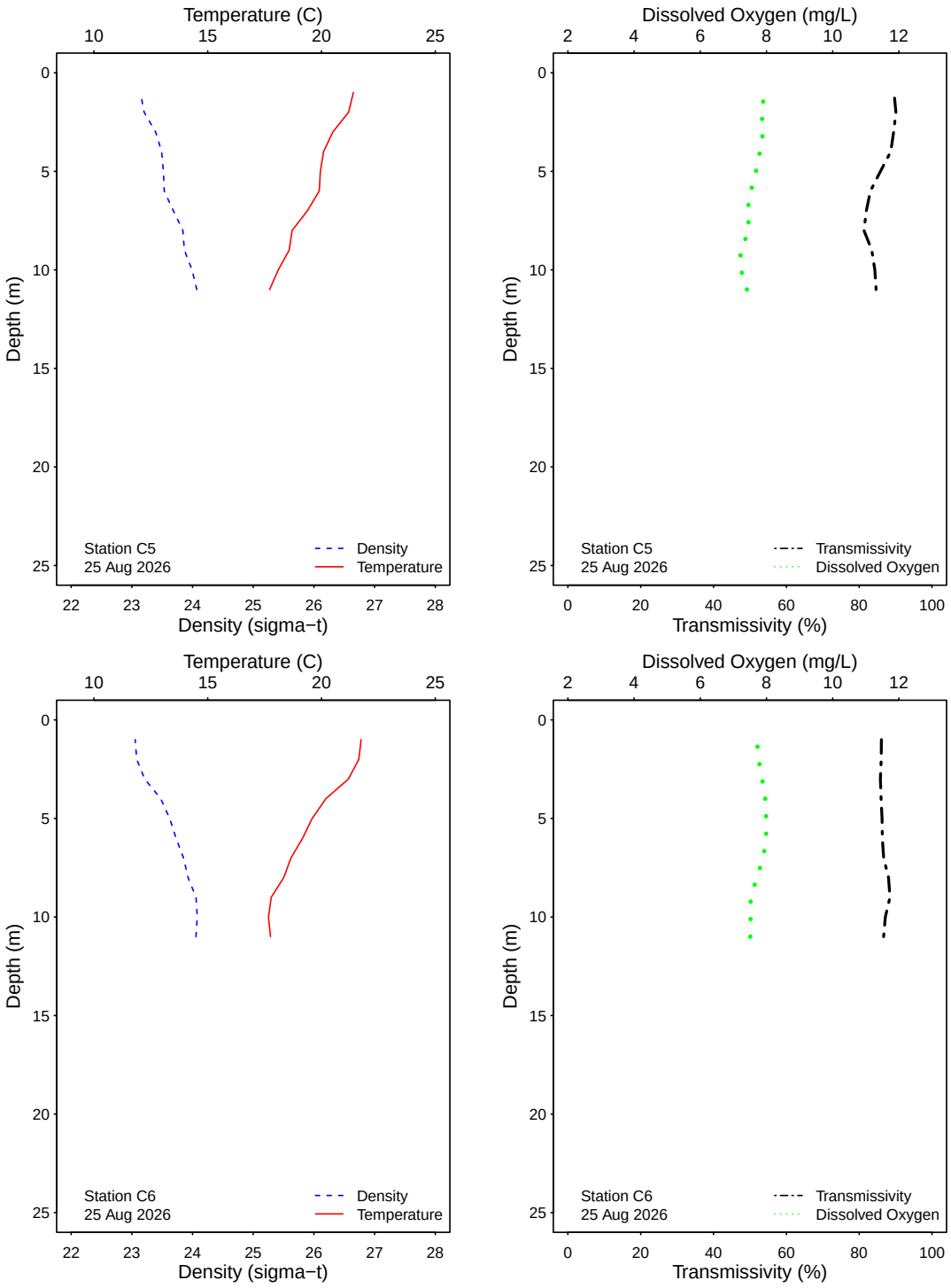


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

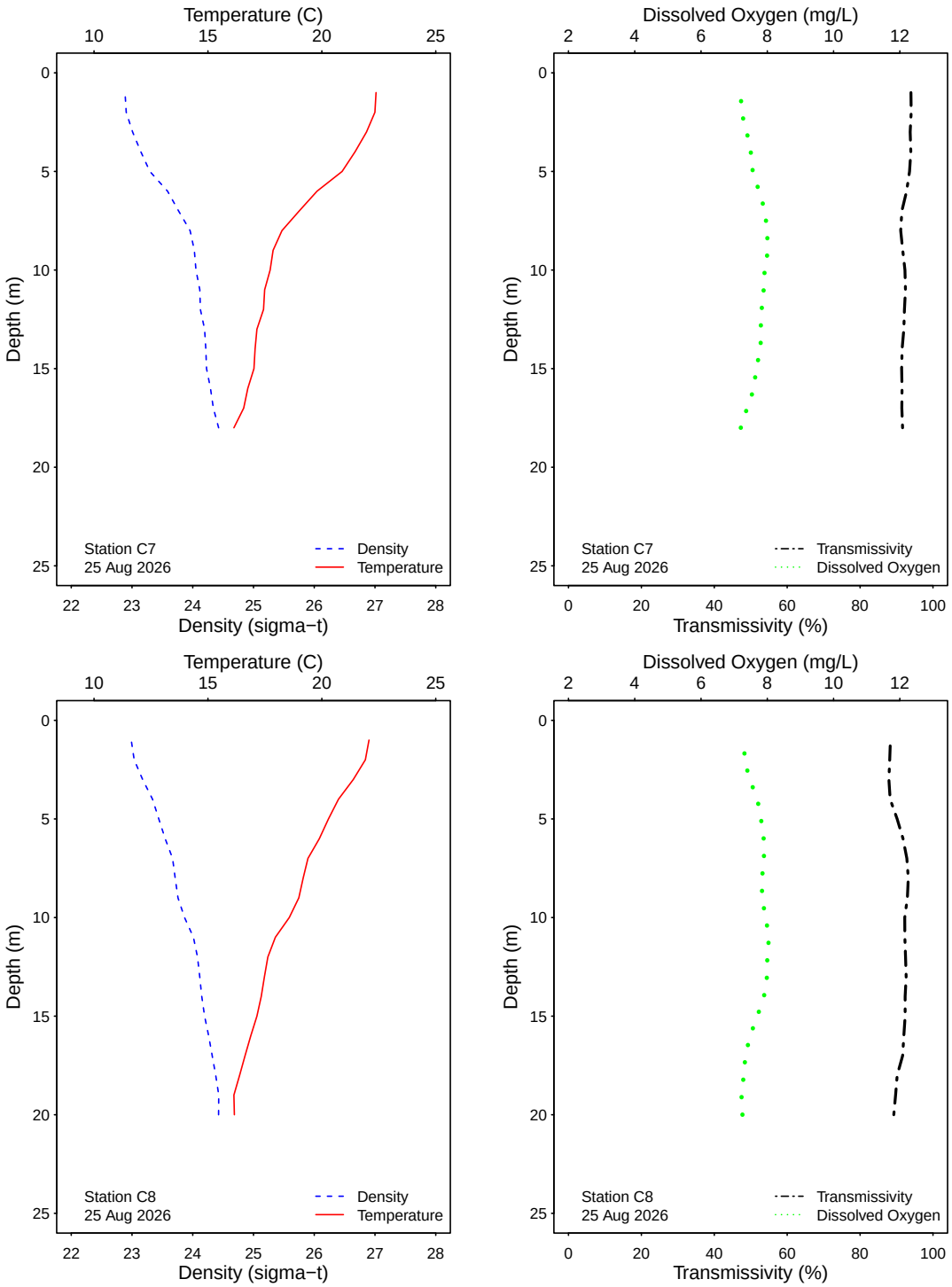


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

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Offshore Stations

Table 4.1

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

Date	F01	F02	F03	F06	F07	F08	F09	F10	F11	F12	F13	F14	F18	F19	F20
August	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	**E**	**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. Densities of fecal coliform (Fecal), and *Enterococcus* (Entero) bacteria are reported as CFU/100 mL. Comments follow the data summary.

Station	Date	Time	Depth	Entero
F01	19 Aug 2026	1141	1	<1
F01	19 Aug 2026	1141	12	<1
F01	19 Aug 2026	1141	18	<1
F02	19 Aug 2026	811	1	<1
F02	19 Aug 2026	811	12	<1
F02	19 Aug 2026	811	18	<1
F03	19 Aug 2026	831	1	1
F03	19 Aug 2026	831	12	<1
F03	19 Aug 2026	831	18	1
F04	19 Aug 2026	1116	1	<1
F04	19 Aug 2026	1116	25	<1
F04	19 Aug 2026	1116	60	<1
F05	19 Aug 2026	1103	1	<1
F05	19 Aug 2026	1103	25	<1
F05	19 Aug 2026	1103	60	1
F06	19 Aug 2026	1048	1	<1
F06	19 Aug 2026	1048	25	<1
F06	19 Aug 2026	1048	60	8
F07	19 Aug 2026	1033	1	<1
F07	19 Aug 2026	1033	25	<1
F07	19 Aug 2026	1033	60	10
F08	19 Aug 2026	1022	1	<1
F08	19 Aug 2026	1022	25	2
F08	19 Aug 2026	1022	60	100e
F09	19 Aug 2026	1007	1	<1
F09	19 Aug 2026	1007	25	1
F09	19 Aug 2026	1007	60	56
F10	19 Aug 2026	952	1	<1
F10	19 Aug 2026	952	25	<1
F10	19 Aug 2026	952	60	9
F11	19 Aug 2026	938	1	<1
F11	19 Aug 2026	938	25	<1
F11	19 Aug 2026	938	60	2
F12	19 Aug 2026	929	1	<1
F12	19 Aug 2026	929	25	<1
F12	19 Aug 2026	929	60	1
F13	19 Aug 2026	908	1	<1
F13	19 Aug 2026	908	25	<1
F13	19 Aug 2026	908	60	1
F14	19 Aug 2026	854	1	<1
F14	19 Aug 2026	854	25	<1
F14	19 Aug 2026	854	60	1

Station	Date	Time	Depth	Entero
F15	20 Aug 2026	1138	1	<1
F15	20 Aug 2026	1138	25	<1
F15	20 Aug 2026	1138	60	<1
F15	20 Aug 2026	1138	80	16
F16	20 Aug 2026	1117	1	<1
F16	20 Aug 2026	1117	25	<1
F16	20 Aug 2026	1117	60	9
F16	20 Aug 2026	1117	80	10
F17	20 Aug 2026	1102	1	<1
F17	20 Aug 2026	1102	25	<1
F17	20 Aug 2026	1102	60	9
F17	20 Aug 2026	1102	80	400
F18	20 Aug 2026	1046	1	<1
F18	20 Aug 2026	1046	25	<1
F18	20 Aug 2026	1046	60	12
F18	20 Aug 2026	1046	80	620
F19	20 Aug 2026	1030	1	<1
F19	20 Aug 2026	1030	25	<1
F19	20 Aug 2026	1030	60	1400e
F19	20 Aug 2026	1030	80	24
F20	20 Aug 2026	1014	1	<1
F20	20 Aug 2026	1014	25	<1
F20	20 Aug 2026	1014	60	2
F20	20 Aug 2026	1014	80	<1
F21	20 Aug 2026	959	1	<1
F21	20 Aug 2026	959	25	<1
F21	20 Aug 2026	959	60	2
F21	20 Aug 2026	959	80	<1
F22	20 Aug 2026	943	1	<1
F22	20 Aug 2026	943	25	<1
F22	20 Aug 2026	943	60	4
F22	20 Aug 2026	943	80	<1
F23	20 Aug 2026	927	1	<1
F23	20 Aug 2026	927	25	<1
F23	20 Aug 2026	927	60	3
F23	20 Aug 2026	927	80	<1
F24	20 Aug 2026	910	1	<1
F24	20 Aug 2026	910	25	<1
F24	20 Aug 2026	910	60	<1
F24	20 Aug 2026	910	80	1
F25	20 Aug 2026	853	1	1
F25	20 Aug 2026	853	25	<1
F25	20 Aug 2026	853	60	<1
F25	20 Aug 2026	853	80	2
F26	18 Aug 2026	1321	1	<1
F26	18 Aug 2026	1321	25	<1
F26	18 Aug 2026	1321	60	11
F26	18 Aug 2026	1321	80	60e
F26	18 Aug 2026	1321	98	48

Station	Date	Time	Depth	Entero
F27	18 Aug 2026	1307	1	<1
F27	18 Aug 2026	1307	25	<1
F27	18 Aug 2026	1307	60	7
F27	18 Aug 2026	1307	80	200e
F27	18 Aug 2026	1307	98	10
F28	18 Aug 2026	1245	1	<1
F28	18 Aug 2026	1245	25	<1
F28	18 Aug 2026	1245	60	<1
F28	18 Aug 2026	1245	80	<1
F28	18 Aug 2026	1245	98	2
F29	18 Aug 2026	1226	1	1
F29	18 Aug 2026	1226	25	<1
F29	18 Aug 2026	1226	60	<1
F29	18 Aug 2026	1226	80	340e
F29	18 Aug 2026	1226	98	10
F30	18 Aug 2026	1125	1	<1
F30	18 Aug 2026	1125	25	<1
F30	18 Aug 2026	1125	60	<1
F30	18 Aug 2026	1125	80	1
F30	18 Aug 2026	1125	98	<1
F31	18 Aug 2026	1105	1	<1
F31	18 Aug 2026	1105	25	<1
F31	18 Aug 2026	1105	60	<1
F31	18 Aug 2026	1105	80	5
F31	18 Aug 2026	1105	98	<1
F32	18 Aug 2026	1049	1	<1
F32	18 Aug 2026	1049	25	<1
F32	18 Aug 2026	1049	60	<1
F32	18 Aug 2026	1049	80	3
F32	18 Aug 2026	1049	98	1
F33	18 Aug 2026	1024	1	<1
F33	18 Aug 2026	1024	25	<1
F33	18 Aug 2026	1024	60	1
F33	18 Aug 2026	1024	80	1
F33	18 Aug 2026	1024	98	<1
F34	18 Aug 2026	1008	1	<1
F34	18 Aug 2026	1008	25	<1
F34	18 Aug 2026	1008	60	2
F34	18 Aug 2026	1008	80	<1
F34	18 Aug 2026	1008	98	1
F35	18 Aug 2026	939	1	<1
F35	18 Aug 2026	939	25	<1
F35	18 Aug 2026	939	60	2
F35	18 Aug 2026	939	80	<1
F35	18 Aug 2026	939	98	1
F36	18 Aug 2026	902	1	<1
F36	18 Aug 2026	902	25	<1
F36	18 Aug 2026	902	60	<1
F36	18 Aug 2026	902	80	<1
F36	18 Aug 2026	902	98	<1

ns = not sampled
ND = no data

Table 4.3

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

Station	Date	Parameter	Value
F26	18 Aug 2026	Arrive Time	1321
F26	18 Aug 2026	Depart Time	1330
F26	18 Aug 2026	Air Temp (C)	25.4
F26	18 Aug 2026	Visibility (mi)	9
F26	18 Aug 2026	Wind Speed (kts)	1.4
F26	18 Aug 2026	Wind Dir	N
F26	18 Aug 2026	Sea State	Confused Swell
F26	18 Aug 2026	High Tide Time	1336
F26	18 Aug 2026	Low Tide Time	2100
F26	18 Aug 2026	Comments	
F04	19 Aug 2026	Arrive Time	1116
F04	19 Aug 2026	Depart Time	1121
F04	19 Aug 2026	Air Temp (C)	23.4
F04	19 Aug 2026	Visibility (mi)	7
F04	19 Aug 2026	Wind Speed (kts)	3
F04	19 Aug 2026	Wind Dir	NW
F04	19 Aug 2026	Sea State	Confused Swell
F04	19 Aug 2026	High Tide Time	1430
F04	19 Aug 2026	Low Tide Time	2248
F04	19 Aug 2026	Comments	
F05	19 Aug 2026	Arrive Time	1103
F05	19 Aug 2026	Depart Time	1107
F05	19 Aug 2026	Air Temp (C)	23.8
F05	19 Aug 2026	Visibility (mi)	7
F05	19 Aug 2026	Wind Speed (kts)	1.5
F05	19 Aug 2026	Wind Dir	NW
F05	19 Aug 2026	Sea State	Light Chop
F05	19 Aug 2026	High Tide Time	1430
F05	19 Aug 2026	Low Tide Time	2248
F05	19 Aug 2026	Comments	
F27	18 Aug 2026	Arrive Time	1307
F27	18 Aug 2026	Depart Time	1316
F27	18 Aug 2026	Air Temp (C)	24.6
F27	18 Aug 2026	Visibility (mi)	9
F27	18 Aug 2026	Wind Speed (kts)	4.8
F27	18 Aug 2026	Wind Dir	N
F27	18 Aug 2026	Sea State	Confused Swell
F27	18 Aug 2026	High Tide Time	1336
F27	18 Aug 2026	Low Tide Time	2100
F27	18 Aug 2026	Comments	
F28	18 Aug 2026	Arrive Time	1245
F28	18 Aug 2026	Depart Time	1300
F28	18 Aug 2026	Air Temp (C)	23.2
F28	18 Aug 2026	Visibility (mi)	9
F28	18 Aug 2026	Wind Speed (kts)	3.4
F28	18 Aug 2026	Wind Dir	NW
F28	18 Aug 2026	Sea State	Confused Swell
F28	18 Aug 2026	High Tide Time	1336
F28	18 Aug 2026	Low Tide Time	2100
F28	18 Aug 2026	Comments	drifted out of station area on first cast; recast; use 2nd
F06	19 Aug 2026	Arrive Time	1048

Station	Date	Parameter	Value
F06	19 Aug 2026	Depart Time	1054
F06	19 Aug 2026	Air Temp (C)	24.2
F06	19 Aug 2026	Visibility (mi)	7
F06	19 Aug 2026	Wind Speed (kts)	2.1
F06	19 Aug 2026	Wind Dir	NW
F06	19 Aug 2026	Sea State	Light Chop
F06	19 Aug 2026	High Tide Time	1430
F06	19 Aug 2026	Low Tide Time	2248
F06	19 Aug 2026	Comments	
F01	19 Aug 2026	Arrive Time	1141
F01	19 Aug 2026	Arrive Time	1149
F01	19 Aug 2026	Depart Time	1148
F01	19 Aug 2026	Depart Time	1149
F01	19 Aug 2026	Air Temp (C)	23
F01	19 Aug 2026	Air Temp (C)	22.4
F01	19 Aug 2026	Visibility (mi)	7
F01	19 Aug 2026	Wind Speed (kts)	3.9
F01	19 Aug 2026	Wind Speed (kts)	8.1
F01	19 Aug 2026	Wind Dir	NW
F01	19 Aug 2026	Wind Dir	N
F01	19 Aug 2026	Sea State	Confused Swell
F01	19 Aug 2026	High Tide Time	1430
F01	19 Aug 2026	Low Tide Time	2248
F01	19 Aug 2026	Comments	
F29	18 Aug 2026	Arrive Time	1226
F29	18 Aug 2026	Depart Time	1237
F29	18 Aug 2026	Air Temp (C)	22.4
F29	18 Aug 2026	Visibility (mi)	9
F29	18 Aug 2026	Wind Speed (kts)	5.2
F29	18 Aug 2026	Wind Dir	NW
F29	18 Aug 2026	Sea State	Confused Swell
F29	18 Aug 2026	High Tide Time	1336
F29	18 Aug 2026	Low Tide Time	2100
F29	18 Aug 2026	Comments	
F07	19 Aug 2026	Arrive Time	1033
F07	19 Aug 2026	Depart Time	1039
F07	19 Aug 2026	Air Temp (C)	23.9
F07	19 Aug 2026	Visibility (mi)	7
F07	19 Aug 2026	Wind Speed (kts)	1.2
F07	19 Aug 2026	Wind Dir	N
F07	19 Aug 2026	Sea State	Light Chop
F07	19 Aug 2026	High Tide Time	1430
F07	19 Aug 2026	Low Tide Time	2248
F07	19 Aug 2026	Comments	
F30	18 Aug 2026	Arrive Time	1125
F30	18 Aug 2026	Depart Time	1131
F30	18 Aug 2026	Air Temp (C)	23
F30	18 Aug 2026	Visibility (mi)	9
F30	18 Aug 2026	Wind Speed (kts)	5.7
F30	18 Aug 2026	Wind Dir	NW
F30	18 Aug 2026	Sea State	Confused Swell
F30	18 Aug 2026	High Tide Time	1336
F30	18 Aug 2026	Low Tide Time	2100
F30	18 Aug 2026	Comments	
F08	19 Aug 2026	Arrive Time	1022
F08	19 Aug 2026	Depart Time	1025

Station	Date	Parameter	Value
F08	19 Aug 2026	Air Temp (C)	23.6
F08	19 Aug 2026	Visibility (mi)	7
F08	19 Aug 2026	Wind Speed (kts)	2.6
F08	19 Aug 2026	Wind Dir	NE
F08	19 Aug 2026	Sea State	Light Chop
F08	19 Aug 2026	High Tide Time	1430
F08	19 Aug 2026	Low Tide Time	2248
F08	19 Aug 2026	Comments	
F31	18 Aug 2026	Arrive Time	1105
F31	18 Aug 2026	Depart Time	1114
F31	18 Aug 2026	Air Temp (C)	24.1
F31	18 Aug 2026	Visibility (mi)	9
F31	18 Aug 2026	Wind Speed (kts)	6.3
F31	18 Aug 2026	Wind Dir	NW
F31	18 Aug 2026	Sea State	Confused Swell
F31	18 Aug 2026	High Tide Time	1336
F31	18 Aug 2026	Low Tide Time	2100
F31	18 Aug 2026	Comments	
F09	19 Aug 2026	Arrive Time	1007
F09	19 Aug 2026	Depart Time	1012
F09	19 Aug 2026	Air Temp (C)	23.2
F09	19 Aug 2026	Visibility (mi)	7
F09	19 Aug 2026	Wind Speed (kts)	4.4
F09	19 Aug 2026	Wind Dir	W
F09	19 Aug 2026	Sea State	Light Chop
F09	19 Aug 2026	High Tide Time	1430
F09	19 Aug 2026	Low Tide Time	2248
F09	19 Aug 2026	Comments	
F32	18 Aug 2026	Arrive Time	1049
F32	18 Aug 2026	Depart Time	1100
F32	18 Aug 2026	Air Temp (C)	25.3
F32	18 Aug 2026	Visibility (mi)	9
F32	18 Aug 2026	Wind Speed (kts)	4.7
F32	18 Aug 2026	Wind Dir	NW
F32	18 Aug 2026	Sea State	Confused Swell
F32	18 Aug 2026	High Tide Time	1336
F32	18 Aug 2026	Low Tide Time	2100
F32	18 Aug 2026	Comments	
F10	19 Aug 2026	Arrive Time	952
F10	19 Aug 2026	Depart Time	957
F10	19 Aug 2026	Air Temp (C)	23.1
F10	19 Aug 2026	Visibility (mi)	7
F10	19 Aug 2026	Wind Speed (kts)	3.2
F10	19 Aug 2026	Wind Dir	N
F10	19 Aug 2026	Sea State	Calm
F10	19 Aug 2026	High Tide Time	1430
F10	19 Aug 2026	Low Tide Time	2248
F10	19 Aug 2026	Comments	
F33	18 Aug 2026	Arrive Time	1024
F33	18 Aug 2026	Depart Time	1040
F33	18 Aug 2026	Air Temp (C)	24.7
F33	18 Aug 2026	Visibility (mi)	9
F33	18 Aug 2026	Wind Speed (kts)	2.1
F33	18 Aug 2026	Wind Dir	NW
F33	18 Aug 2026	Sea State	Confused Swell
F33	18 Aug 2026	High Tide Time	1336

Station	Date	Parameter	Value
F33	18 Aug 2026	Low Tide Time	2100
F33	18 Aug 2026	Comments	98m bottle did not close. recast for 98m water. Use 1st cast for data
F11	19 Aug 2026	Arrive Time	938
F11	19 Aug 2026	Depart Time	943
F11	19 Aug 2026	Air Temp (C)	24.1
F11	19 Aug 2026	Visibility (mi)	7
F11	19 Aug 2026	Wind Speed (kts)	3.5
F11	19 Aug 2026	Wind Dir	N
F11	19 Aug 2026	Sea State	Calm
F11	19 Aug 2026	High Tide Time	1430
F11	19 Aug 2026	Low Tide Time	2248
F11	19 Aug 2026	Comments	
F34	18 Aug 2026	Arrive Time	1008
F34	18 Aug 2026	Depart Time	1015
F34	18 Aug 2026	Air Temp (C)	27.8
F34	18 Aug 2026	Visibility (mi)	9
F34	18 Aug 2026	Wind Speed (kts)	0.7
F34	18 Aug 2026	Wind Dir	NW
F34	18 Aug 2026	Sea State	Confused Swell
F34	18 Aug 2026	High Tide Time	1336
F34	18 Aug 2026	Low Tide Time	2100
F34	18 Aug 2026	Comments	
F12	19 Aug 2026	Arrive Time	929
F12	19 Aug 2026	Depart Time	929
F12	19 Aug 2026	Air Temp (C)	22.8
F12	19 Aug 2026	Visibility (mi)	7
F12	19 Aug 2026	Wind Speed (kts)	1.8
F12	19 Aug 2026	Wind Dir	W
F12	19 Aug 2026	Sea State	Calm
F12	19 Aug 2026	High Tide Time	1430
F12	19 Aug 2026	Low Tide Time	2248
F12	19 Aug 2026	Comments	
F02	19 Aug 2026	Arrive Time	811
F02	19 Aug 2026	Depart Time	817
F02	19 Aug 2026	Air Temp (C)	21.4
F02	19 Aug 2026	Visibility (mi)	7
F02	19 Aug 2026	Wind Speed (kts)	2.8
F02	19 Aug 2026	Wind Dir	NW
F02	19 Aug 2026	Sea State	Calm
F02	19 Aug 2026	High Tide Time	1430
F02	19 Aug 2026	Low Tide Time	2248
F02	19 Aug 2026	Comments	
F35	18 Aug 2026	Arrive Time	939
F35	18 Aug 2026	Depart Time	1003
F35	18 Aug 2026	Air Temp (C)	23.8
F35	18 Aug 2026	Visibility (mi)	9
F35	18 Aug 2026	Wind Speed (kts)	0.5
F35	18 Aug 2026	Wind Dir	N
F35	18 Aug 2026	Sea State	Confused Swell
F35	18 Aug 2026	High Tide Time	1336
F35	18 Aug 2026	Low Tide Time	2100
F35	18 Aug 2026	Comments	OA 1m Btl# 2608184835 Nsk# 6;OA 50m Btl# 2608184836 Nsk# 3;OA 100m Btl# 2608184837 Nsk# 1;OA 100m-dup Btl# 2608184838 Nsk# 1;

Station	Date	Parameter	Value
F13	19 Aug 2026	Arrive Time	908
F13	19 Aug 2026	Depart Time	914
F13	19 Aug 2026	Air Temp (C)	22.2
F13	19 Aug 2026	Visibility (mi)	7
F13	19 Aug 2026	Wind Speed (kts)	3.5
F13	19 Aug 2026	Wind Dir	N
F13	19 Aug 2026	Sea State	Calm
F13	19 Aug 2026	High Tide Time	1430
F13	19 Aug 2026	Low Tide Time	2248
F13	19 Aug 2026	Comments	OA 1m Btl# 2608194843 Nsk# 5;OA 60m Btl# 2608194844 Nsk# 4;
F36	18 Aug 2026	Arrive Time	902
F36	18 Aug 2026	Depart Time	912
F36	18 Aug 2026	Air Temp (C)	22.4
F36	18 Aug 2026	Visibility (mi)	9
F36	18 Aug 2026	Wind Speed (kts)	3.4
F36	18 Aug 2026	Wind Dir	N
F36	18 Aug 2026	Sea State	Confused Swell
F36	18 Aug 2026	High Tide Time	1336
F36	18 Aug 2026	Low Tide Time	2100
F36	18 Aug 2026	Comments	
F14	19 Aug 2026	Arrive Time	854
F14	19 Aug 2026	Depart Time	900
F14	19 Aug 2026	Air Temp (C)	22.5
F14	19 Aug 2026	Visibility (mi)	7
F14	19 Aug 2026	Wind Speed (kts)	2.8
F14	19 Aug 2026	Wind Dir	NE
F14	19 Aug 2026	Sea State	Calm
F14	19 Aug 2026	High Tide Time	1430
F14	19 Aug 2026	Low Tide Time	2248
F14	19 Aug 2026	Comments	
F03	19 Aug 2026	Arrive Time	831
F03	19 Aug 2026	Depart Time	840
F03	19 Aug 2026	Air Temp (C)	21.7
F03	19 Aug 2026	Visibility (mi)	7
F03	19 Aug 2026	Wind Speed (kts)	3
F03	19 Aug 2026	Wind Dir	N
F03	19 Aug 2026	Sea State	Calm
F03	19 Aug 2026	High Tide Time	1430
F03	19 Aug 2026	Low Tide Time	2248
F03	19 Aug 2026	Comments	Very strange surface structure showing across sensors including temp. Attempted soak several times but appears to a be a real feature.

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)	CDOM (ppb)
F26	18 Aug 2026	1	20.48	92.53	7.6	33.372	8.2	23.4	0.18	NA
F26	18 Aug 2026	2	20.45	92.38	7.6	33.375	8.2	23.4	0.14	0.72
F26	18 Aug 2026	3	20.11	94.91	7.6	33.402	8.2	23.5	0.14	0.57
F26	18 Aug 2026	4	19.43	95.58	7.8	33.38	8.2	23.7	0.14	0.58
F26	18 Aug 2026	5	19.03	95.89	7.9	33.368	8.2	23.8	0.14	0.59
F26	18 Aug 2026	6	18.04	96.13	8.0	33.376	8.2	24.0	0.14	0.58
F26	18 Aug 2026	7	17.35	95.57	8.2	33.325	8.2	24.1	0.20	0.58
F26	18 Aug 2026	8	17.37	95.19	8.1	33.311	8.2	24.1	0.25	0.58
F26	18 Aug 2026	9	17.21	95.03	8.2	33.306	8.2	24.2	0.27	0.61
F26	18 Aug 2026	10	17.19	95.02	8.1	33.312	8.2	24.2	0.30	0.63
F26	18 Aug 2026	11	17.10	95.01	8.1	33.311	8.2	24.2	0.30	0.63
F26	18 Aug 2026	12	17.10	94.91	8.1	33.314	8.2	24.2	0.35	0.64
F26	18 Aug 2026	13	16.92	94.84	8.1	33.314	8.2	24.2	0.36	0.61
F26	18 Aug 2026	14	16.87	94.75	8.1	33.315	8.2	24.3	0.40	0.62
F26	18 Aug 2026	15	16.76	94.66	8.1	33.318	8.2	24.3	0.43	0.63
F26	18 Aug 2026	16	16.53	94.56	8.0	33.332	8.2	24.3	0.46	0.61
F26	18 Aug 2026	17	16.19	94.19	8.0	33.327	8.2	24.4	0.53	0.64
F26	18 Aug 2026	18	15.96	93.79	7.9	33.332	8.2	24.5	0.61	0.66
F26	18 Aug 2026	19	15.44	93.60	7.8	33.334	8.1	24.6	0.65	0.69
F26	18 Aug 2026	20	15.28	93.14	7.8	33.325	8.1	24.6	0.75	0.70
F26	18 Aug 2026	21	15.06	92.68	7.8	33.332	8.1	24.7	0.88	0.70
F26	18 Aug 2026	22	14.92	92.23	7.7	33.33	8.1	24.7	1.10	0.72
F26	18 Aug 2026	23	14.85	92.02	7.7	33.328	8.1	24.7	1.26	0.73
F26	18 Aug 2026	24	14.80	91.53	7.6	33.327	8.1	24.7	1.48	0.72
F26	18 Aug 2026	25	14.73	91.48	7.6	33.335	8.1	24.7	1.70	0.74
F26	18 Aug 2026	26	14.53	90.31	7.5	33.342	8.1	24.8	2.46	0.75
F26	18 Aug 2026	27	14.37	90.50	7.3	33.344	8.1	24.8	2.65	0.76
F26	18 Aug 2026	28	14.25	90.35	7.2	33.345	8.1	24.9	3.05	0.76
F26	18 Aug 2026	29	14.10	91.40	7.1	33.352	8.1	24.9	3.08	0.78
F26	18 Aug 2026	30	13.97	92.67	6.9	33.36	8.1	24.9	2.80	0.78
F26	18 Aug 2026	31	13.86	93.79	6.8	33.36	8.0	24.9	2.37	0.77
F26	18 Aug 2026	32	13.80	94.36	6.7	33.362	8.0	25.0	2.21	0.76
F26	18 Aug 2026	33	13.75	94.73	6.7	33.362	8.0	25.0	2.04	0.77
F26	18 Aug 2026	34	13.74	94.90	6.6	33.362	8.0	25.0	2.09	0.76
F26	18 Aug 2026	35	13.71	94.90	6.6	33.364	8.0	25.0	1.97	0.79
F26	18 Aug 2026	36	13.69	95.10	6.6	33.363	8.0	25.0	1.86	0.80
F26	18 Aug 2026	37	13.67	95.22	6.5	33.362	8.0	25.0	1.71	0.80
F26	18 Aug 2026	38	13.60	95.34	6.4	33.369	8.0	25.0	1.60	0.81
F26	18 Aug 2026	39	13.49	95.92	6.3	33.375	8.0	25.0	1.45	0.80
F26	18 Aug 2026	40	13.42	96.04	6.2	33.379	8.0	25.1	1.33	0.82
F26	18 Aug 2026	41	13.34	96.29	6.1	33.382	8.0	25.1	1.23	0.81
F26	18 Aug 2026	42	13.30	96.41	6.1	33.384	8.0	25.1	1.21	0.82
F26	18 Aug 2026	43	13.27	96.51	6.0	33.384	8.0	25.1	1.18	0.83
F26	18 Aug 2026	44	13.20	96.52	5.9	33.393	8.0	25.1	1.15	0.83
F26	18 Aug 2026	45	13.14	96.64	5.9	33.394	8.0	25.1	1.09	0.81
F26	18 Aug 2026	46	13.08	96.74	5.8	33.399	8.0	25.1	1.07	0.82
F26	18 Aug 2026	47	13.04	96.85	5.8	33.402	8.0	25.1	1.06	0.82
F26	18 Aug 2026	48	13.01	96.90	5.7	33.402	7.9	25.2	1.01	0.82
F26	18 Aug 2026	49	13.00	96.94	5.7	33.402	7.9	25.2	0.97	0.84
F26	18 Aug 2026	50	13.00	96.96	5.7	33.401	7.9	25.2	0.98	0.83
F26	18 Aug 2026	51	12.98	96.99	5.7	33.403	7.9	25.2	0.93	0.85
F26	18 Aug 2026	52	12.98	97.03	5.7	33.405	7.9	25.2	0.97	0.83
F26	18 Aug 2026	53	12.96	97.08	5.7	33.41	7.9	25.2	1.00	0.81
F26	18 Aug 2026	54	12.87	97.29	5.6	33.418	7.9	25.2	0.96	0.83
F26	18 Aug 2026	55	12.77	97.45	5.5	33.431	7.9	25.2	0.81	0.82
F26	18 Aug 2026	56	12.68	97.46	5.4	33.435	7.9	25.2	0.72	0.85
F26	18 Aug 2026	57	12.61	97.57	5.4	33.438	7.9	25.3	0.61	0.85
F26	18 Aug 2026	58	12.62	97.59	5.3	33.437	7.9	25.3	0.62	0.86
F26	18 Aug 2026	59	12.56	97.60	5.3	33.441	7.9	25.3	0.57	0.86
F26	18 Aug 2026	60	12.56	97.57	5.3	33.44	7.9	25.3	0.53	0.86
F26	18 Aug 2026	61	12.55	97.55	5.3	33.442	7.9	25.3	0.54	0.87
F26	18 Aug 2026	62	12.50	97.58	5.2	33.442	7.9	25.3	0.48	0.89
F26	18 Aug 2026	63	12.32	97.37	5.0	33.462	7.9	25.3	0.44	0.90
F26	18 Aug 2026	64	12.27	96.89	4.9	33.452	7.9	25.3	0.28	0.97
F26	18 Aug 2026	65	12.30	96.81	5.0	33.46	7.9	25.3	0.32	0.95
F26	18 Aug 2026	66	12.25	96.98	5.0	33.478	7.9	25.4	0.30	0.91
F26	18 Aug 2026	67	12.26	97.20	5.0	33.476	7.9	25.4	0.33	0.89
F26	18 Aug 2026	68	12.25	97.36	5.0	33.481	7.9	25.4	0.32	0.89

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F26	18 Aug 2026	69	12.24	97.33	5.0	33.484	7.9	25.4	0.30	0.87
F26	18 Aug 2026	70	12.18	97.47	4.9	33.489	7.9	25.4	0.30	0.89
F26	18 Aug 2026	71	12.03	97.38	4.7	33.476	7.8	25.4	0.22	0.97
F26	18 Aug 2026	72	12.04	97.07	4.6	33.478	7.8	25.4	0.18	1.03
F26	18 Aug 2026	73	11.96	96.17	4.5	33.484	7.8	25.4	0.17	1.02
F26	18 Aug 2026	74	11.96	95.86	4.5	33.485	7.8	25.4	0.16	1.03
F26	18 Aug 2026	75	11.95	95.89	4.5	33.487	7.8	25.4	0.16	1.03
F26	18 Aug 2026	76	11.93	95.86	4.5	33.5	7.8	25.4	0.15	1.01
F26	18 Aug 2026	77	11.92	95.84	4.5	33.503	7.8	25.4	0.16	0.99
F26	18 Aug 2026	78	11.87	95.67	4.4	33.511	7.8	25.5	0.16	1.01
F26	18 Aug 2026	79	11.80	95.34	4.4	33.518	7.8	25.5	0.15	1.03
F26	18 Aug 2026	80	11.79	94.94	4.3	33.52	7.8	25.5	0.14	1.04
F26	18 Aug 2026	81	11.73	94.80	4.3	33.523	7.8	25.5	0.13	1.06
F26	18 Aug 2026	82	11.72	94.69	4.2	33.522	7.8	25.5	0.12	1.07
F26	18 Aug 2026	83	11.66	94.58	4.2	33.526	7.8	25.5	0.12	1.07
F26	18 Aug 2026	84	11.60	94.27	4.1	33.529	7.8	25.5	0.11	1.13
F26	18 Aug 2026	85	11.63	94.23	4.1	33.526	7.8	25.5	0.11	1.15
F26	18 Aug 2026	86	11.57	94.03	4.1	33.538	7.8	25.5	0.12	1.13
F26	18 Aug 2026	87	11.57	93.94	4.1	33.537	7.8	25.5	0.11	1.11
F26	18 Aug 2026	88	11.56	94.09	4.1	33.549	7.8	25.5	0.11	1.09
F26	18 Aug 2026	89	11.57	94.21	4.1	33.551	7.8	25.5	0.11	1.06
F26	18 Aug 2026	90	11.56	94.63	4.1	33.557	7.8	25.6	0.11	1.05
F26	18 Aug 2026	91	11.53	94.75	4.1	33.568	7.8	25.6	0.12	1.02
F26	18 Aug 2026	92	11.52	94.99	4.1	33.573	7.8	25.6	0.11	1.04
F26	18 Aug 2026	93	11.52	94.90	4.1	33.573	7.8	25.6	0.11	1.04
F26	18 Aug 2026	94	11.51	94.94	4.1	33.575	7.8	25.6	0.11	1.02
F26	18 Aug 2026	95	11.49	94.94	4.0	33.587	7.8	25.6	0.11	1.02
F26	18 Aug 2026	96	11.45	94.95	4.0	33.605	7.8	25.6	0.11	1.02
F26	18 Aug 2026	97	11.40	94.96	4.0	33.626	7.8	25.6	0.11	1.02
F26	18 Aug 2026	98	11.36	95.01	3.9	33.648	7.8	25.7	0.10	1.00
F26	18 Aug 2026	99	11.29	95.05	3.8	33.701	7.8	25.7	0.10	0.98
F26	18 Aug 2026	100	11.23	95.18	3.7	33.74	7.8	25.8	0.09	0.96
F15	20 Aug 2026	1	20.49	94.18	7.6	33.357	8.2	23.4	0.22	0.57
F15	20 Aug 2026	2	20.44	94.85	7.6	33.356	8.2	23.4	0.22	0.61
F15	20 Aug 2026	3	20.05	94.92	7.7	33.361	8.2	23.5	0.21	0.60
F15	20 Aug 2026	4	19.93	95.07	7.7	33.353	8.2	23.5	0.20	0.62
F15	20 Aug 2026	5	19.50	95.17	7.7	33.374	8.2	23.7	0.22	0.62
F15	20 Aug 2026	6	18.84	95.24	8.0	33.354	8.2	23.8	0.19	0.60
F15	20 Aug 2026	7	18.70	95.59	8.0	33.339	8.2	23.8	0.18	0.60
F15	20 Aug 2026	8	18.28	95.77	8.0	33.349	8.2	23.9	0.17	0.58
F15	20 Aug 2026	9	17.69	94.90	8.2	33.333	8.2	24.1	0.19	0.60
F15	20 Aug 2026	10	17.67	95.02	8.2	33.312	8.2	24.1	0.24	0.65
F15	20 Aug 2026	11	16.71	94.83	8.2	33.322	8.2	24.3	0.23	0.66
F15	20 Aug 2026	12	16.37	94.77	8.2	33.303	8.2	24.4	0.25	0.67
F15	20 Aug 2026	13	16.24	94.73	8.2	33.303	8.2	24.4	0.31	0.65
F15	20 Aug 2026	14	16.08	94.54	8.1	33.313	8.2	24.4	0.38	0.68
F15	20 Aug 2026	15	15.30	94.13	7.9	33.34	8.2	24.6	0.42	0.66
F15	20 Aug 2026	16	14.89	93.68	7.7	33.331	8.1	24.7	0.56	0.70
F15	20 Aug 2026	17	14.80	92.91	7.6	33.326	8.1	24.7	0.76	0.74
F15	20 Aug 2026	18	14.78	92.30	7.6	33.325	8.1	24.7	1.01	0.75
F15	20 Aug 2026	19	14.67	91.67	7.5	33.33	8.1	24.8	1.16	0.74
F15	20 Aug 2026	20	14.55	91.23	7.4	33.338	8.1	24.8	1.33	0.77
F15	20 Aug 2026	21	14.33	90.20	7.2	33.344	8.1	24.8	1.78	0.77
F15	20 Aug 2026	22	14.11	90.50	6.9	33.353	8.1	24.9	1.84	0.82
F15	20 Aug 2026	23	14.05	91.87	6.8	33.353	8.1	24.9	1.53	0.85
F15	20 Aug 2026	24	13.88	92.31	6.7	33.358	8.1	24.9	1.66	0.84
F15	20 Aug 2026	25	13.81	92.40	6.6	33.357	8.1	25.0	1.78	0.83
F15	20 Aug 2026	26	13.71	92.56	6.5	33.361	8.0	25.0	1.86	0.83
F15	20 Aug 2026	27	13.60	93.25	6.4	33.371	8.0	25.0	1.72	0.83
F15	20 Aug 2026	28	13.46	94.43	6.3	33.382	8.0	25.0	1.54	0.81
F15	20 Aug 2026	29	13.30	95.38	6.1	33.39	8.0	25.1	1.33	0.81
F15	20 Aug 2026	30	13.27	95.81	6.0	33.39	8.0	25.1	1.13	0.81
F15	20 Aug 2026	31	13.27	95.92	5.9	33.39	8.0	25.1	1.11	0.85
F15	20 Aug 2026	32	13.27	95.95	5.9	33.391	8.0	25.1	1.09	0.85
F15	20 Aug 2026	33	13.27	96.00	5.9	33.392	8.0	25.1	1.08	0.83
F15	20 Aug 2026	34	13.27	96.00	5.9	33.391	8.0	25.1	1.08	0.83
F15	20 Aug 2026	35	13.26	96.02	5.8	33.391	8.0	25.1	1.06	0.84
F15	20 Aug 2026	36	13.26	96.06	5.8	33.393	8.0	25.1	1.06	0.84
F15	20 Aug 2026	37	13.21	96.13	5.8	33.402	8.0	25.1	1.03	0.84
F15	20 Aug 2026	38	13.16	96.38	5.7	33.406	8.0	25.1	0.93	0.87
F15	20 Aug 2026	39	13.07	96.46	5.6	33.416	8.0	25.2	0.90	0.88
F15	20 Aug 2026	40	13.01	96.62	5.6	33.417	8.0	25.2	0.85	0.86
F15	20 Aug 2026	41	12.95	96.76	5.6	33.421	8.0	25.2	0.80	0.84

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F15	20 Aug 2026	42	12.92	96.87	5.6	33.421	8.0	25.2	0.78	0.83
F15	20 Aug 2026	43	12.91	96.95	5.6	33.421	8.0	25.2	0.77	0.83
F15	20 Aug 2026	44	12.89	96.99	5.6	33.421	8.0	25.2	0.76	0.84
F15	20 Aug 2026	45	12.87	97.05	5.6	33.423	8.0	25.2	0.73	0.83
F15	20 Aug 2026	46	12.86	97.08	5.6	33.423	8.0	25.2	0.72	0.84
F15	20 Aug 2026	47	12.81	97.15	5.5	33.428	8.0	25.2	0.71	0.83
F15	20 Aug 2026	48	12.78	97.26	5.5	33.43	8.0	25.2	0.66	0.84
F15	20 Aug 2026	49	12.74	97.26	5.5	33.437	8.0	25.2	0.66	0.84
F15	20 Aug 2026	50	12.66	97.41	5.4	33.445	8.0	25.3	0.62	0.84
F15	20 Aug 2026	51	12.60	97.49	5.3	33.45	7.9	25.3	0.55	0.84
F15	20 Aug 2026	52	12.54	97.56	5.3	33.461	7.9	25.3	0.51	0.83
F15	20 Aug 2026	53	12.49	97.57	5.3	33.464	7.9	25.3	0.47	0.84
F15	20 Aug 2026	54	12.47	97.68	5.2	33.468	7.9	25.3	0.46	0.83
F15	20 Aug 2026	55	12.44	97.62	5.2	33.473	7.9	25.3	0.43	0.82
F15	20 Aug 2026	56	12.41	97.38	5.2	33.476	7.9	25.3	0.40	0.86
F15	20 Aug 2026	57	12.41	97.52	5.2	33.477	7.9	25.3	0.41	0.84
F15	20 Aug 2026	58	12.39	97.48	5.1	33.481	7.9	25.3	0.38	0.85
F15	20 Aug 2026	59	12.40	97.37	5.1	33.481	7.9	25.3	0.38	0.85
F15	20 Aug 2026	60	12.40	97.14	5.1	33.482	7.9	25.3	0.37	0.86
F15	20 Aug 2026	61	12.40	97.06	5.0	33.482	7.9	25.3	0.37	0.84
F15	20 Aug 2026	62	12.40	97.01	5.1	33.484	7.9	25.3	0.36	0.85
F15	20 Aug 2026	63	12.38	96.98	5.1	33.486	7.9	25.3	0.38	0.85
F15	20 Aug 2026	64	12.36	97.00	5.1	33.49	7.9	25.3	0.36	0.85
F15	20 Aug 2026	65	12.33	97.12	5.0	33.494	7.9	25.4	0.34	0.85
F15	20 Aug 2026	66	12.34	97.16	5.0	33.492	7.9	25.4	0.34	0.86
F15	20 Aug 2026	67	12.32	97.12	5.0	33.495	7.9	25.4	0.34	0.86
F15	20 Aug 2026	68	12.23	97.18	4.9	33.514	7.9	25.4	0.31	0.86
F15	20 Aug 2026	69	12.21	97.23	4.9	33.516	7.9	25.4	0.30	0.86
F15	20 Aug 2026	70	12.12	97.31	4.8	33.527	7.9	25.4	0.27	0.87
F15	20 Aug 2026	71	12.07	97.16	4.8	33.533	7.9	25.4	0.23	0.87
F15	20 Aug 2026	72	12.06	96.86	4.7	33.535	7.9	25.4	0.23	0.87
F15	20 Aug 2026	73	11.91	96.42	4.6	33.554	7.9	25.5	0.20	0.89
F15	20 Aug 2026	74	11.85	96.24	4.5	33.556	7.9	25.5	0.16	0.91
F15	20 Aug 2026	75	11.83	95.82	4.4	33.555	7.8	25.5	0.15	0.94
F15	20 Aug 2026	76	11.82	95.35	4.3	33.556	7.8	25.5	0.14	0.95
F15	20 Aug 2026	77	11.75	94.93	4.3	33.565	7.8	25.5	0.13	0.97
F15	20 Aug 2026	78	11.71	94.43	4.2	33.569	7.8	25.5	0.12	1.00
F15	20 Aug 2026	79	11.69	93.98	4.2	33.571	7.8	25.5	0.11	1.01
F15	20 Aug 2026	80	11.57	93.67	4.0	33.603	7.8	25.6	0.11	1.02
F15	20 Aug 2026	81	11.46	92.98	3.9	33.628	7.8	25.6	0.10	1.01
F15	20 Aug 2026	82	11.51	92.54	3.9	33.615	7.8	25.6	0.09	1.02
F04	19 Aug 2026	1	19.23	94.45	7.8	33.332	8.2	23.7	0.15	0.62
F04	19 Aug 2026	2	19.02	93.75	7.8	33.349	8.2	23.8	0.15	0.58
F04	19 Aug 2026	3	18.85	94.88	7.8	33.341	8.2	23.8	0.16	0.66
F04	19 Aug 2026	4	18.69	95.39	7.8	33.347	8.2	23.8	0.18	0.67
F04	19 Aug 2026	5	18.24	95.41	8.0	33.342	8.2	23.9	0.19	0.64
F04	19 Aug 2026	6	17.97	95.31	8.0	33.334	8.2	24.0	0.22	0.65
F04	19 Aug 2026	7	17.67	95.12	8.0	33.325	8.2	24.1	0.24	0.64
F04	19 Aug 2026	8	17.45	94.81	8.0	33.316	8.2	24.1	0.24	0.63
F04	19 Aug 2026	9	17.18	95.00	8.1	33.316	8.2	24.2	0.26	0.63
F04	19 Aug 2026	10	17.16	94.87	8.1	33.304	8.2	24.2	0.30	0.63
F04	19 Aug 2026	11	16.71	94.94	8.1	33.318	8.2	24.3	0.29	0.63
F04	19 Aug 2026	12	16.25	94.94	8.1	33.317	8.2	24.4	0.33	0.63
F04	19 Aug 2026	13	15.56	94.83	8.0	33.338	8.1	24.6	0.34	0.66
F04	19 Aug 2026	14	15.31	94.29	7.9	33.329	8.1	24.6	0.40	0.67
F04	19 Aug 2026	15	15.17	94.12	7.8	33.325	8.1	24.6	0.47	0.70
F04	19 Aug 2026	16	14.61	92.63	7.6	33.331	8.1	24.8	0.66	0.72
F04	19 Aug 2026	17	14.49	91.12	7.5	33.332	8.1	24.8	1.06	0.78
F04	19 Aug 2026	18	14.37	90.75	7.3	33.33	8.1	24.8	1.27	0.80
F04	19 Aug 2026	19	14.33	91.21	7.2	33.335	8.1	24.8	1.46	0.81
F04	19 Aug 2026	20	14.32	92.07	7.1	33.331	8.1	24.8	1.47	0.81
F04	19 Aug 2026	21	14.27	92.13	7.0	33.337	8.1	24.8	1.46	0.82
F04	19 Aug 2026	22	14.17	92.83	6.8	33.341	8.1	24.9	1.41	0.84
F04	19 Aug 2026	23	14.06	93.27	6.7	33.347	8.0	24.9	1.27	0.85
F04	19 Aug 2026	24	14.03	93.87	6.6	33.348	8.0	24.9	1.18	0.86
F04	19 Aug 2026	25	13.97	94.12	6.6	33.352	8.0	24.9	1.18	0.87
F04	19 Aug 2026	26	13.90	94.32	6.5	33.354	8.0	24.9	1.17	0.87
F04	19 Aug 2026	27	13.83	94.59	6.4	33.357	8.0	25.0	1.12	0.86
F04	19 Aug 2026	28	13.88	94.80	6.4	33.354	8.0	24.9	1.09	0.86
F04	19 Aug 2026	29	13.79	94.93	6.4	33.361	8.0	25.0	1.12	0.86
F04	19 Aug 2026	30	13.67	95.03	6.3	33.364	8.0	25.0	1.14	0.87
F04	19 Aug 2026	31	13.63	95.17	6.3	33.365	8.0	25.0	1.31	0.84
F04	19 Aug 2026	32	13.56	95.20	6.2	33.369	8.0	25.0	1.34	0.83

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F04	19 Aug 2026	33	13.53	95.48	6.2	33.371	8.0	25.0	1.23	0.84
F04	19 Aug 2026	34	13.51	95.74	6.1	33.373	8.0	25.0	1.12	0.84
F04	19 Aug 2026	35	13.33	95.80	6.0	33.391	8.0	25.1	0.99	0.83
F04	19 Aug 2026	36	13.27	96.15	5.9	33.387	8.0	25.1	0.90	0.85
F04	19 Aug 2026	37	13.17	96.49	5.9	33.402	8.0	25.1	0.89	0.83
F04	19 Aug 2026	38	13.12	96.65	5.8	33.402	8.0	25.1	0.81	0.84
F04	19 Aug 2026	39	13.09	96.74	5.8	33.405	8.0	25.1	0.75	0.85
F04	19 Aug 2026	40	12.98	96.84	5.7	33.413	8.0	25.2	0.72	0.85
F04	19 Aug 2026	41	12.93	96.95	5.6	33.419	8.0	25.2	0.68	0.86
F04	19 Aug 2026	42	12.90	96.99	5.5	33.423	7.9	25.2	0.62	0.86
F04	19 Aug 2026	43	12.82	96.89	5.5	33.434	7.9	25.2	0.59	0.85
F04	19 Aug 2026	44	12.76	96.88	5.4	33.439	7.9	25.2	0.55	0.87
F04	19 Aug 2026	45	12.67	96.86	5.3	33.449	7.9	25.3	0.53	0.87
F04	19 Aug 2026	46	12.65	96.87	5.3	33.451	7.9	25.3	0.47	0.86
F04	19 Aug 2026	47	12.62	97.00	5.3	33.456	7.9	25.3	0.47	0.84
F04	19 Aug 2026	48	12.58	97.02	5.2	33.464	7.9	25.3	0.45	0.88
F04	19 Aug 2026	49	12.55	96.78	5.2	33.465	7.9	25.3	0.42	0.86
F04	19 Aug 2026	50	12.54	96.68	5.2	33.463	7.9	25.3	0.41	0.85
F04	19 Aug 2026	51	12.53	96.68	5.2	33.463	7.9	25.3	0.40	0.85
F04	19 Aug 2026	52	12.53	96.62	5.2	33.464	7.9	25.3	0.39	0.86
F04	19 Aug 2026	53	12.53	96.60	5.2	33.463	7.9	25.3	0.39	0.87
F04	19 Aug 2026	54	12.53	96.65	5.1	33.463	7.9	25.3	0.40	0.85
F04	19 Aug 2026	55	12.52	96.62	5.2	33.464	7.9	25.3	0.40	0.87
F04	19 Aug 2026	56	12.52	96.61	5.2	33.464	7.9	25.3	0.40	0.87
F04	19 Aug 2026	57	12.51	96.55	5.1	33.464	7.9	25.3	0.40	0.88
F04	19 Aug 2026	58	12.51	96.49	5.1	33.465	7.9	25.3	0.39	0.87
F04	19 Aug 2026	59	12.50	96.46	5.1	33.466	7.9	25.3	0.40	0.88
F04	19 Aug 2026	60	12.49	96.38	5.1	33.467	7.9	25.3	0.38	0.87
F04	19 Aug 2026	61	12.47	96.14	5.1	33.47	7.9	25.3	0.39	0.87
F04	19 Aug 2026	62	12.46	95.93	5.1	33.467	7.9	25.3	0.37	0.90
F05	19 Aug 2026	1	19.03	92.58	7.8	33.335	8.2	23.7	0.19	0.65
F05	19 Aug 2026	2	18.97	93.71	7.7	33.342	8.2	23.8	0.20	0.64
F05	19 Aug 2026	3	18.30	92.87	7.8	33.363	8.2	23.9	0.18	0.67
F05	19 Aug 2026	4	17.84	94.39	7.9	33.342	8.2	24.0	0.17	0.67
F05	19 Aug 2026	5	17.33	94.90	8.0	33.352	8.2	24.2	0.22	0.62
F05	19 Aug 2026	6	16.70	94.80	8.1	33.337	8.2	24.3	0.28	0.64
F05	19 Aug 2026	7	16.26	94.54	8.0	33.333	8.2	24.4	0.29	0.64
F05	19 Aug 2026	8	15.57	94.48	7.9	33.337	8.1	24.6	0.31	0.64
F05	19 Aug 2026	9	15.24	94.24	7.9	33.319	8.1	24.6	0.36	0.66
F05	19 Aug 2026	10	15.00	93.73	7.9	33.318	8.1	24.7	0.43	0.69
F05	19 Aug 2026	11	14.97	92.76	7.8	33.305	8.1	24.7	0.58	0.75
F05	19 Aug 2026	12	14.57	91.75	7.5	33.342	8.1	24.8	0.71	0.75
F05	19 Aug 2026	13	14.25	91.08	7.3	33.332	8.1	24.8	1.11	0.80
F05	19 Aug 2026	14	14.10	90.08	7.1	33.34	8.1	24.9	1.52	0.80
F05	19 Aug 2026	15	14.00	90.30	7.0	33.341	8.1	24.9	1.62	0.81
F05	19 Aug 2026	16	13.95	91.37	6.9	33.341	8.1	24.9	1.65	0.83
F05	19 Aug 2026	17	13.93	92.01	6.9	33.338	8.1	24.9	1.68	0.81
F05	19 Aug 2026	18	13.86	92.33	6.8	33.347	8.1	24.9	1.70	0.79
F05	19 Aug 2026	19	13.91	92.43	6.8	33.343	8.0	24.9	1.72	0.82
F05	19 Aug 2026	20	13.82	92.71	6.7	33.354	8.0	25.0	1.79	0.80
F05	19 Aug 2026	21	13.74	93.15	6.6	33.353	8.0	25.0	1.65	0.81
F05	19 Aug 2026	22	13.72	93.84	6.6	33.355	8.0	25.0	1.59	0.82
F05	19 Aug 2026	23	13.70	94.01	6.5	33.358	8.0	25.0	1.61	0.80
F05	19 Aug 2026	24	13.64	94.60	6.4	33.367	8.0	25.0	1.60	0.81
F05	19 Aug 2026	25	13.53	95.38	6.3	33.379	8.0	25.0	1.48	0.79
F05	19 Aug 2026	26	13.41	95.88	6.2	33.381	8.0	25.1	1.32	0.80
F05	19 Aug 2026	27	13.33	96.04	6.1	33.385	8.0	25.1	1.13	0.84
F05	19 Aug 2026	28	13.23	96.23	6.0	33.394	8.0	25.1	0.97	0.83
F05	19 Aug 2026	29	13.21	96.48	5.9	33.39	8.0	25.1	0.87	0.81
F05	19 Aug 2026	30	13.15	96.65	5.9	33.403	8.0	25.1	0.84	0.82
F05	19 Aug 2026	31	13.08	96.75	5.8	33.407	8.0	25.1	0.80	0.84
F05	19 Aug 2026	32	13.04	96.84	5.8	33.407	8.0	25.1	0.78	0.84
F05	19 Aug 2026	33	13.02	96.91	5.8	33.407	8.0	25.2	0.75	0.82
F05	19 Aug 2026	34	13.02	96.95	5.8	33.408	8.0	25.2	0.72	0.82
F05	19 Aug 2026	35	13.01	96.97	5.7	33.409	8.0	25.2	0.72	0.81
F05	19 Aug 2026	36	12.97	97.00	5.7	33.415	8.0	25.2	0.71	0.84
F05	19 Aug 2026	37	12.91	97.08	5.6	33.422	8.0	25.2	0.66	0.83
F05	19 Aug 2026	38	12.82	97.19	5.6	33.428	8.0	25.2	0.61	0.82
F05	19 Aug 2026	39	12.79	97.24	5.5	33.43	8.0	25.2	0.57	0.84
F05	19 Aug 2026	40	12.78	97.29	5.5	33.429	8.0	25.2	0.55	0.84
F05	19 Aug 2026	41	12.75	97.29	5.5	33.433	7.9	25.2	0.54	0.85
F05	19 Aug 2026	42	12.67	97.31	5.4	33.445	7.9	25.3	0.50	0.83
F05	19 Aug 2026	43	12.66	97.36	5.4	33.442	7.9	25.3	0.45	0.82

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F05	19 Aug 2026	44	12.64	97.35	5.4	33.446	7.9	25.3	0.46	0.84
F05	19 Aug 2026	45	12.62	97.40	5.4	33.446	7.9	25.3	0.44	0.84
F05	19 Aug 2026	46	12.60	97.42	5.3	33.45	7.9	25.3	0.44	0.84
F05	19 Aug 2026	47	12.58	97.44	5.3	33.457	7.9	25.3	0.44	0.86
F05	19 Aug 2026	48	12.55	97.24	5.2	33.464	7.9	25.3	0.42	0.85
F05	19 Aug 2026	49	12.53	97.25	5.2	33.465	7.9	25.3	0.42	0.87
F05	19 Aug 2026	50	12.52	97.04	5.2	33.464	7.9	25.3	0.40	0.87
F05	19 Aug 2026	51	12.49	96.91	5.2	33.467	7.9	25.3	0.39	0.87
F05	19 Aug 2026	52	12.46	96.87	5.2	33.473	7.9	25.3	0.38	0.85
F05	19 Aug 2026	53	12.45	96.90	5.1	33.475	7.9	25.3	0.37	0.85
F05	19 Aug 2026	54	12.41	96.85	5.1	33.483	7.9	25.3	0.36	0.87
F05	19 Aug 2026	55	12.41	96.48	5.1	33.481	7.9	25.3	0.35	0.88
F05	19 Aug 2026	56	12.36	96.13	5.0	33.488	7.9	25.3	0.36	0.87
F05	19 Aug 2026	57	12.35	95.60	5.0	33.488	7.9	25.3	0.32	0.87
F05	19 Aug 2026	58	12.35	95.43	5.0	33.487	7.9	25.3	0.32	0.87
F05	19 Aug 2026	59	12.35	95.38	5.0	33.486	7.9	25.3	0.32	0.89
F05	19 Aug 2026	60	12.35	95.28	5.0	33.487	7.9	25.3	0.32	0.88
F05	19 Aug 2026	61	12.35	95.35	5.0	33.486	7.9	25.3	0.32	0.88
F05	19 Aug 2026	62	12.35	95.29	5.0	33.486	7.9	25.3	0.32	0.88
F27	18 Aug 2026	1	19.23	95.88	7.8	33.378	8.2	23.7	0.13	0.54
F27	18 Aug 2026	2	18.42	95.89	8.0	33.371	8.2	23.9	0.14	0.63
F27	18 Aug 2026	3	17.89	95.92	8.1	33.333	8.2	24.0	0.14	0.71
F27	18 Aug 2026	4	17.77	95.98	8.2	33.323	8.2	24.0	0.16	0.65
F27	18 Aug 2026	5	17.66	95.96	8.1	33.32	8.2	24.1	0.18	0.58
F27	18 Aug 2026	6	17.39	95.88	8.1	33.321	8.2	24.1	0.21	0.60
F27	18 Aug 2026	7	17.24	95.59	8.1	33.314	8.2	24.2	0.25	0.59
F27	18 Aug 2026	8	17.17	95.48	8.2	33.31	8.2	24.2	0.27	0.60
F27	18 Aug 2026	9	17.10	95.39	8.1	33.308	8.2	24.2	0.27	0.63
F27	18 Aug 2026	10	16.95	95.34	8.1	33.307	8.2	24.2	0.29	0.62
F27	18 Aug 2026	11	16.90	95.22	8.1	33.306	8.2	24.2	0.32	0.60
F27	18 Aug 2026	12	16.88	95.24	8.2	33.306	8.2	24.2	0.35	0.63
F27	18 Aug 2026	13	16.75	95.28	8.1	33.304	8.2	24.3	0.37	0.62
F27	18 Aug 2026	14	16.67	95.16	8.1	33.303	8.2	24.3	0.38	0.62
F27	18 Aug 2026	15	16.64	95.07	8.2	33.303	8.2	24.3	0.42	0.62
F27	18 Aug 2026	16	16.55	95.10	8.1	33.303	8.2	24.3	0.46	0.64
F27	18 Aug 2026	17	16.46	94.98	8.1	33.301	8.2	24.3	0.48	0.64
F27	18 Aug 2026	18	16.41	94.84	8.1	33.301	8.2	24.3	0.50	0.64
F27	18 Aug 2026	19	16.35	94.85	8.1	33.304	8.2	24.4	0.51	0.64
F27	18 Aug 2026	20	16.18	94.79	8.0	33.302	8.2	24.4	0.55	0.64
F27	18 Aug 2026	21	15.95	94.71	7.9	33.303	8.1	24.5	0.59	0.65
F27	18 Aug 2026	22	15.74	94.57	7.9	33.321	8.1	24.5	0.65	0.68
F27	18 Aug 2026	23	15.19	94.40	7.8	33.335	8.1	24.6	0.83	0.69
F27	18 Aug 2026	24	15.05	94.07	7.8	33.326	8.1	24.7	1.07	0.70
F27	18 Aug 2026	25	14.94	93.50	7.7	33.323	8.1	24.7	1.13	0.72
F27	18 Aug 2026	26	14.87	92.92	7.7	33.316	8.1	24.7	1.33	0.72
F27	18 Aug 2026	27	14.82	92.17	7.7	33.318	8.1	24.7	1.49	0.71
F27	18 Aug 2026	28	14.68	92.15	7.6	33.327	8.1	24.8	1.65	0.73
F27	18 Aug 2026	29	14.51	91.95	7.5	33.325	8.1	24.8	2.04	0.75
F27	18 Aug 2026	30	14.40	91.37	7.4	33.337	8.1	24.8	2.39	0.75
F27	18 Aug 2026	31	14.20	91.08	7.2	33.344	8.1	24.9	2.51	0.77
F27	18 Aug 2026	32	14.02	91.31	7.0	33.351	8.1	24.9	2.53	0.78
F27	18 Aug 2026	33	13.84	92.17	6.9	33.354	8.0	24.9	2.08	0.80
F27	18 Aug 2026	34	13.79	93.24	6.8	33.353	8.0	25.0	1.79	0.80
F27	18 Aug 2026	35	13.74	94.01	6.6	33.354	8.0	25.0	1.70	0.80
F27	18 Aug 2026	36	13.61	94.66	6.4	33.37	8.0	25.0	1.54	0.80
F27	18 Aug 2026	37	13.43	94.99	6.2	33.38	8.0	25.1	1.29	0.82
F27	18 Aug 2026	38	13.38	95.39	6.1	33.378	8.0	25.1	1.03	0.83
F27	18 Aug 2026	39	13.36	95.70	6.0	33.375	8.0	25.1	0.99	0.85
F27	18 Aug 2026	40	13.36	95.87	6.0	33.378	8.0	25.1	0.98	0.84
F27	18 Aug 2026	41	13.35	95.86	5.9	33.379	8.0	25.1	1.01	0.83
F27	18 Aug 2026	42	13.28	95.93	5.9	33.386	8.0	25.1	0.96	0.85
F27	18 Aug 2026	43	13.27	95.88	5.8	33.387	8.0	25.1	0.93	0.86
F27	18 Aug 2026	44	13.23	95.90	5.8	33.39	8.0	25.1	0.88	0.85
F27	18 Aug 2026	45	13.21	95.77	5.8	33.393	8.0	25.1	0.79	0.85
F27	18 Aug 2026	46	13.19	95.69	5.7	33.394	8.0	25.1	0.76	0.84
F27	18 Aug 2026	47	13.16	95.48	5.7	33.398	8.0	25.1	0.72	0.87
F27	18 Aug 2026	48	13.07	95.37	5.6	33.407	7.9	25.1	0.67	0.88
F27	18 Aug 2026	49	13.04	95.13	5.6	33.408	7.9	25.2	0.59	0.87
F27	18 Aug 2026	50	13.01	95.03	5.5	33.41	7.9	25.2	0.56	0.87
F27	18 Aug 2026	51	13.00	94.85	5.5	33.408	7.9	25.2	0.53	0.89
F27	18 Aug 2026	52	12.96	94.83	5.5	33.418	7.9	25.2	0.56	0.87
F27	18 Aug 2026	53	12.90	94.76	5.4	33.419	7.9	25.2	0.52	0.87
F27	18 Aug 2026	54	12.83	94.83	5.4	33.427	7.9	25.2	0.49	0.88

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F27	18 Aug 2026	55	12.83	94.86	5.4	33.426	7.9	25.2	0.47	0.88
F27	18 Aug 2026	56	12.67	94.83	5.3	33.443	7.9	25.3	0.45	0.88
F27	18 Aug 2026	57	12.63	94.79	5.2	33.443	7.9	25.3	0.41	0.88
F27	18 Aug 2026	58	12.59	94.97	5.2	33.448	7.9	25.3	0.41	0.88
F27	18 Aug 2026	59	12.57	95.11	5.2	33.447	7.9	25.3	0.44	0.88
F27	18 Aug 2026	60	12.57	95.48	5.2	33.447	7.9	25.3	0.42	0.88
F27	18 Aug 2026	61	12.55	95.73	5.2	33.448	7.9	25.3	0.43	0.89
F27	18 Aug 2026	62	12.49	96.24	5.2	33.455	7.9	25.3	0.46	0.86
F27	18 Aug 2026	63	12.44	96.63	5.2	33.458	7.9	25.3	0.44	0.85
F27	18 Aug 2026	64	12.36	96.94	5.1	33.462	7.9	25.3	0.39	0.85
F27	18 Aug 2026	65	12.41	96.75	5.2	33.457	7.9	25.3	0.42	0.89
F27	18 Aug 2026	66	12.28	96.83	5.1	33.474	7.9	25.4	0.39	0.87
F27	18 Aug 2026	67	12.28	97.00	5.1	33.47	7.9	25.3	0.37	0.86
F27	18 Aug 2026	68	12.27	97.02	5.1	33.473	7.9	25.4	0.37	0.86
F27	18 Aug 2026	69	12.25	96.91	5.0	33.475	7.9	25.4	0.36	0.86
F27	18 Aug 2026	70	12.24	96.97	5.0	33.477	7.9	25.4	0.34	0.87
F27	18 Aug 2026	71	12.22	96.99	5.0	33.485	7.9	25.4	0.37	0.85
F27	18 Aug 2026	72	12.10	97.19	4.9	33.511	7.9	25.4	0.34	0.86
F27	18 Aug 2026	73	12.07	97.38	4.9	33.512	7.9	25.4	0.30	0.87
F27	18 Aug 2026	74	12.05	97.18	4.8	33.51	7.9	25.4	0.28	0.88
F27	18 Aug 2026	75	12.04	96.87	4.8	33.509	7.9	25.4	0.29	0.89
F27	18 Aug 2026	76	11.99	96.58	4.7	33.514	7.8	25.4	0.25	0.88
F27	18 Aug 2026	77	11.97	96.42	4.7	33.514	7.8	25.4	0.23	0.93
F27	18 Aug 2026	78	11.91	95.98	4.6	33.515	7.8	25.5	0.21	0.95
F27	18 Aug 2026	79	11.85	95.30	4.5	33.511	7.8	25.5	0.20	1.00
F27	18 Aug 2026	80	11.83	94.66	4.5	33.523	7.8	25.5	0.18	1.02
F27	18 Aug 2026	81	11.78	93.92	4.4	33.54	7.8	25.5	0.18	0.96
F27	18 Aug 2026	82	11.75	94.13	4.4	33.547	7.8	25.5	0.17	0.97
F27	18 Aug 2026	83	11.61	94.02	4.3	33.586	7.8	25.6	0.15	0.98
F27	18 Aug 2026	84	11.64	94.09	4.3	33.579	7.8	25.6	0.15	0.97
F27	18 Aug 2026	85	11.51	94.27	4.2	33.636	7.8	25.6	0.15	0.96
F27	18 Aug 2026	86	11.48	95.40	4.2	33.64	7.8	25.6	0.14	0.92
F27	18 Aug 2026	87	11.46	96.02	4.2	33.649	7.8	25.6	0.14	0.91
F27	18 Aug 2026	88	11.40	96.21	4.1	33.666	7.8	25.7	0.14	0.88
F27	18 Aug 2026	89	11.38	96.50	4.1	33.67	7.8	25.7	0.13	0.89
F27	18 Aug 2026	90	11.37	96.73	4.1	33.671	7.8	25.7	0.13	0.88
F27	18 Aug 2026	91	11.38	96.76	4.1	33.67	7.8	25.7	0.13	0.89
F27	18 Aug 2026	92	11.36	96.78	4.0	33.675	7.8	25.7	0.12	0.90
F27	18 Aug 2026	93	11.30	96.59	4.0	33.694	7.8	25.7	0.12	0.90
F27	18 Aug 2026	94	11.29	96.45	3.9	33.699	7.8	25.7	0.11	0.90
F27	18 Aug 2026	95	11.21	96.51	3.8	33.738	7.8	25.8	0.11	0.90
F27	18 Aug 2026	96	11.18	96.44	3.7	33.752	7.8	25.8	0.10	0.90
F27	18 Aug 2026	97	11.16	96.50	3.7	33.764	7.8	25.8	0.09	0.90
F27	18 Aug 2026	98	11.15	96.56	3.6	33.77	7.8	25.8	0.09	0.90
F27	18 Aug 2026	99	11.15	96.56	3.6	33.776	7.8	25.8	0.09	0.92
F27	18 Aug 2026	100	11.14	96.49	3.5	33.779	7.8	25.8	0.09	0.92
F16	20 Aug 2026	1	20.20	86.70	7.6	33.336	8.2	23.4	0.29	0.68
F16	20 Aug 2026	2	20.25	83.70	7.6	33.338	8.2	23.4	0.29	0.66
F16	20 Aug 2026	3	20.18	84.02	7.6	33.346	8.2	23.5	0.29	0.66
F16	20 Aug 2026	4	19.96	92.20	7.6	33.351	8.2	23.5	0.31	0.66
F16	20 Aug 2026	5	19.79	93.96	7.7	33.341	8.2	23.6	0.31	0.65
F16	20 Aug 2026	6	19.37	94.31	7.8	33.35	8.2	23.7	0.32	0.65
F16	20 Aug 2026	7	19.12	94.42	7.8	33.348	8.2	23.7	0.35	0.65
F16	20 Aug 2026	8	18.26	94.37	7.8	33.36	8.2	24.0	0.37	0.65
F16	20 Aug 2026	9	17.34	94.35	8.1	33.336	8.2	24.2	0.38	0.66
F16	20 Aug 2026	10	17.00	94.44	8.2	33.321	8.2	24.2	0.38	0.63
F16	20 Aug 2026	11	16.65	94.48	8.2	33.312	8.2	24.3	0.39	0.64
F16	20 Aug 2026	12	16.01	94.46	8.0	33.326	8.2	24.5	0.42	0.64
F16	20 Aug 2026	13	15.04	94.26	7.9	33.324	8.1	24.7	0.46	0.66
F16	20 Aug 2026	14	15.04	93.30	7.8	33.296	8.1	24.6	0.74	0.72
F16	20 Aug 2026	15	14.69	91.86	7.7	33.357	8.1	24.8	0.97	0.73
F16	20 Aug 2026	16	14.45	90.56	7.5	33.323	8.1	24.8	1.43	0.75
F16	20 Aug 2026	17	14.46	90.15	7.5	33.323	8.1	24.8	1.77	0.76
F16	20 Aug 2026	18	14.37	90.05	7.4	33.331	8.1	24.8	1.88	0.78
F16	20 Aug 2026	19	14.24	90.34	7.3	33.338	8.1	24.9	2.19	0.76
F16	20 Aug 2026	20	14.19	91.11	7.2	33.34	8.1	24.9	2.28	0.78
F16	20 Aug 2026	21	14.18	91.36	7.2	33.342	8.1	24.9	2.40	0.79
F16	20 Aug 2026	22	14.05	91.53	7.0	33.349	8.1	24.9	2.48	0.77
F16	20 Aug 2026	23	13.90	92.04	6.9	33.358	8.1	24.9	2.39	0.80
F16	20 Aug 2026	24	13.91	92.99	6.8	33.351	8.1	24.9	2.19	0.80
F16	20 Aug 2026	25	13.74	93.62	6.6	33.365	8.1	25.0	2.18	0.80
F16	20 Aug 2026	26	13.69	94.35	6.5	33.364	8.0	25.0	1.77	0.79
F16	20 Aug 2026	27	13.48	95.10	6.3	33.383	8.0	25.0	1.72	0.81

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F16	20 Aug 2026	28	13.41	95.72	6.2	33.379	8.0	25.1	1.30	0.81
F16	20 Aug 2026	29	13.35	95.85	6.1	33.385	8.0	25.1	1.30	0.80
F16	20 Aug 2026	30	13.31	96.08	6.1	33.385	8.0	25.1	1.18	0.80
F16	20 Aug 2026	31	13.30	96.20	6.1	33.386	8.0	25.1	1.16	0.82
F16	20 Aug 2026	32	13.26	96.22	6.0	33.391	8.0	25.1	1.20	0.81
F16	20 Aug 2026	33	13.27	96.39	6.0	33.39	8.0	25.1	1.21	0.80
F16	20 Aug 2026	34	13.19	96.38	5.9	33.396	8.0	25.1	1.22	0.79
F16	20 Aug 2026	35	13.07	96.45	5.8	33.406	8.0	25.1	1.21	0.78
F16	20 Aug 2026	36	12.97	96.68	5.8	33.411	8.0	25.2	0.97	0.83
F16	20 Aug 2026	37	12.98	97.01	5.7	33.409	8.0	25.2	0.88	0.81
F16	20 Aug 2026	38	12.89	97.16	5.6	33.419	8.0	25.2	0.80	0.82
F16	20 Aug 2026	39	12.88	97.23	5.6	33.42	8.0	25.2	0.72	0.83
F16	20 Aug 2026	40	12.82	97.20	5.5	33.429	8.0	25.2	0.70	0.83
F16	20 Aug 2026	41	12.80	97.16	5.5	33.432	8.0	25.2	0.63	0.84
F16	20 Aug 2026	42	12.78	97.17	5.5	33.435	8.0	25.2	0.63	0.83
F16	20 Aug 2026	43	12.69	97.34	5.4	33.44	7.9	25.2	0.57	0.84
F16	20 Aug 2026	44	12.66	97.46	5.4	33.44	7.9	25.2	0.55	0.84
F16	20 Aug 2026	45	12.63	97.51	5.4	33.444	7.9	25.3	0.50	0.85
F16	20 Aug 2026	46	12.62	97.53	5.3	33.445	7.9	25.3	0.46	0.84
F16	20 Aug 2026	47	12.57	97.48	5.3	33.452	7.9	25.3	0.45	0.85
F16	20 Aug 2026	48	12.42	97.53	5.2	33.467	7.9	25.3	0.43	0.85
F16	20 Aug 2026	49	12.39	97.54	5.1	33.472	7.9	25.3	0.34	0.85
F16	20 Aug 2026	50	12.34	97.56	5.1	33.477	7.9	25.3	0.32	0.86
F16	20 Aug 2026	51	12.34	97.51	5.0	33.477	7.9	25.3	0.30	0.86
F16	20 Aug 2026	52	12.32	97.45	5.0	33.479	7.9	25.3	0.30	0.86
F16	20 Aug 2026	53	12.32	97.45	5.0	33.478	7.9	25.3	0.29	0.86
F16	20 Aug 2026	54	12.31	97.50	5.0	33.481	7.9	25.4	0.29	0.87
F16	20 Aug 2026	55	12.25	97.46	5.0	33.49	7.9	25.4	0.26	0.87
F16	20 Aug 2026	56	12.26	97.48	5.0	33.489	7.9	25.4	0.25	0.88
F16	20 Aug 2026	57	12.22	97.47	4.9	33.499	7.9	25.4	0.25	0.87
F16	20 Aug 2026	58	12.18	97.42	4.9	33.503	7.9	25.4	0.25	0.87
F16	20 Aug 2026	59	12.15	97.38	4.8	33.502	7.9	25.4	0.24	0.88
F16	20 Aug 2026	60	12.11	97.38	4.8	33.504	7.9	25.4	0.22	0.90
F16	20 Aug 2026	61	12.11	97.42	4.8	33.503	7.9	25.4	0.21	0.92
F16	20 Aug 2026	62	12.06	97.41	4.8	33.51	7.9	25.4	0.20	0.91
F16	20 Aug 2026	63	12.03	97.41	4.7	33.51	7.9	25.4	0.19	0.90
F16	20 Aug 2026	64	12.02	97.42	4.7	33.51	7.9	25.4	0.19	0.90
F16	20 Aug 2026	65	11.98	97.37	4.7	33.516	7.9	25.4	0.18	0.91
F16	20 Aug 2026	66	11.95	97.34	4.6	33.525	7.9	25.5	0.18	0.93
F16	20 Aug 2026	67	11.92	97.22	4.6	33.534	7.9	25.5	0.17	0.93
F16	20 Aug 2026	68	11.90	96.91	4.5	33.537	7.9	25.5	0.16	0.94
F16	20 Aug 2026	69	11.89	96.85	4.5	33.539	7.9	25.5	0.16	0.94
F16	20 Aug 2026	70	11.87	96.42	4.5	33.544	7.8	25.5	0.15	0.93
F16	20 Aug 2026	71	11.81	96.00	4.4	33.554	7.8	25.5	0.14	0.94
F16	20 Aug 2026	72	11.72	95.22	4.2	33.568	7.8	25.5	0.13	0.97
F16	20 Aug 2026	73	11.70	94.77	4.2	33.568	7.8	25.5	0.11	1.00
F16	20 Aug 2026	74	11.61	94.05	4.1	33.584	7.8	25.6	0.11	0.99
F16	20 Aug 2026	75	11.60	93.67	4.0	33.583	7.8	25.6	0.10	1.02
F16	20 Aug 2026	76	11.59	93.48	4.0	33.584	7.8	25.6	0.10	1.02
F16	20 Aug 2026	77	11.59	93.26	4.0	33.583	7.8	25.6	0.10	1.04
F16	20 Aug 2026	78	11.59	93.23	4.0	33.583	7.8	25.6	0.09	1.05
F16	20 Aug 2026	79	11.59	92.99	4.0	33.583	7.8	25.6	0.09	1.03
F16	20 Aug 2026	80	11.52	92.74	3.9	33.605	7.8	25.6	0.10	1.02
F16	20 Aug 2026	81	11.49	91.17	3.8	33.613	7.8	25.6	0.10	1.05
F16	20 Aug 2026	82	11.47	90.86	3.8	33.62	7.8	25.6	0.09	1.05
F28	18 Aug 2026	1	20.47	94.57	7.7	33.371	8.2	23.4	0.19	0.61
F28	18 Aug 2026	2	20.23	93.99	7.7	33.382	8.2	23.5	0.19	0.60
F28	18 Aug 2026	3	19.91	93.57	7.6	33.378	8.2	23.5	0.17	0.61
F28	18 Aug 2026	4	19.06	94.09	7.8	33.367	8.2	23.8	0.17	0.59
F28	18 Aug 2026	5	17.81	94.97	8.0	33.349	8.2	24.1	0.14	0.62
F28	18 Aug 2026	6	17.35	95.70	8.2	33.33	8.2	24.1	0.15	0.61
F28	18 Aug 2026	7	17.11	95.85	8.2	33.302	8.2	24.2	0.18	0.61
F28	18 Aug 2026	8	17.05	95.81	8.2	33.291	8.2	24.2	0.21	0.62
F28	18 Aug 2026	9	16.98	95.69	8.2	33.29	8.2	24.2	0.23	0.65
F28	18 Aug 2026	10	16.88	95.60	8.2	33.289	8.2	24.2	0.25	0.60
F28	18 Aug 2026	11	16.79	95.53	8.1	33.288	8.2	24.2	0.28	0.60
F28	18 Aug 2026	12	16.67	95.44	8.2	33.294	8.2	24.3	0.30	0.61
F28	18 Aug 2026	13	16.52	95.39	8.2	33.295	8.2	24.3	0.32	0.64
F28	18 Aug 2026	14	16.26	95.29	8.2	33.303	8.2	24.4	0.36	0.64
F28	18 Aug 2026	15	16.04	95.08	8.2	33.296	8.2	24.4	0.38	0.66
F28	18 Aug 2026	16	15.95	95.01	8.2	33.291	8.2	24.4	0.40	0.66
F28	18 Aug 2026	17	15.66	94.85	8.2	33.301	8.2	24.5	0.42	0.66
F28	18 Aug 2026	18	15.42	94.71	8.2	33.299	8.2	24.6	0.47	0.68

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F28	18 Aug 2026	19	15.27	94.66	8.1	33.299	8.1	24.6	0.53	0.67
F28	18 Aug 2026	20	15.18	94.55	7.9	33.294	8.1	24.6	0.63	0.69
F28	18 Aug 2026	21	15.09	94.36	7.9	33.3	8.1	24.6	0.72	0.68
F28	18 Aug 2026	22	15.05	94.23	7.9	33.299	8.1	24.6	0.77	0.68
F28	18 Aug 2026	23	15.00	94.10	7.8	33.299	8.1	24.7	0.82	0.71
F28	18 Aug 2026	24	14.94	94.06	7.8	33.299	8.1	24.7	0.84	0.70
F28	18 Aug 2026	25	14.94	93.99	7.8	33.302	8.1	24.7	0.85	0.69
F28	18 Aug 2026	26	14.93	93.97	7.7	33.308	8.1	24.7	0.89	0.69
F28	18 Aug 2026	27	14.73	93.45	7.7	33.321	8.1	24.7	1.10	0.71
F28	18 Aug 2026	28	14.63	92.81	7.6	33.322	8.1	24.8	1.43	0.73
F28	18 Aug 2026	29	14.54	92.42	7.5	33.324	8.1	24.8	1.66	0.73
F28	18 Aug 2026	30	14.41	91.99	7.4	33.328	8.1	24.8	2.17	0.75
F28	18 Aug 2026	31	13.96	91.93	7.1	33.366	8.1	24.9	2.45	0.76
F28	18 Aug 2026	32	13.90	92.26	6.9	33.35	8.1	24.9	2.39	0.77
F28	18 Aug 2026	33	13.87	92.56	6.8	33.351	8.0	24.9	2.34	0.79
F28	18 Aug 2026	34	13.80	92.85	6.7	33.359	8.0	25.0	2.06	0.79
F28	18 Aug 2026	35	13.69	93.67	6.4	33.367	8.0	25.0	1.65	0.82
F28	18 Aug 2026	36	13.63	94.82	6.4	33.367	8.0	25.0	1.36	0.83
F28	18 Aug 2026	37	13.59	95.15	6.3	33.37	8.0	25.0	1.29	0.83
F28	18 Aug 2026	38	13.52	95.45	6.2	33.372	8.0	25.0	1.11	0.83
F28	18 Aug 2026	39	13.48	95.63	6.1	33.378	8.0	25.0	1.08	0.86
F28	18 Aug 2026	40	13.43	95.70	6.0	33.378	8.0	25.0	0.97	0.84
F28	18 Aug 2026	41	13.45	95.78	6.0	33.377	8.0	25.0	0.95	0.84
F28	18 Aug 2026	42	13.43	95.77	6.0	33.378	8.0	25.1	0.95	0.82
F28	18 Aug 2026	43	13.39	95.77	6.0	33.382	8.0	25.1	0.93	0.83
F28	18 Aug 2026	44	13.31	95.84	5.9	33.386	8.0	25.1	1.01	0.84
F28	18 Aug 2026	45	13.12	96.02	5.8	33.399	8.0	25.1	1.01	0.82
F28	18 Aug 2026	46	13.07	96.08	5.8	33.397	8.0	25.1	1.09	0.83
F28	18 Aug 2026	47	13.01	96.27	5.8	33.402	8.0	25.2	1.11	0.82
F28	18 Aug 2026	48	12.97	96.47	5.8	33.402	8.0	25.2	1.05	0.83
F28	18 Aug 2026	49	12.97	96.76	5.8	33.403	8.0	25.2	0.99	0.81
F28	18 Aug 2026	50	12.95	96.76	5.7	33.405	8.0	25.2	0.99	0.82
F28	18 Aug 2026	51	12.93	96.86	5.7	33.406	8.0	25.2	1.00	0.82
F28	18 Aug 2026	52	12.89	96.92	5.7	33.409	8.0	25.2	0.95	0.82
F28	18 Aug 2026	53	12.88	96.98	5.7	33.408	8.0	25.2	0.92	0.83
F28	18 Aug 2026	54	12.88	97.03	5.7	33.408	7.9	25.2	0.92	0.83
F28	18 Aug 2026	55	12.86	97.10	5.7	33.411	7.9	25.2	0.92	0.83
F28	18 Aug 2026	56	12.81	97.20	5.7	33.415	7.9	25.2	0.87	0.83
F28	18 Aug 2026	57	12.79	97.27	5.6	33.416	7.9	25.2	0.86	0.81
F28	18 Aug 2026	58	12.80	97.30	5.6	33.415	7.9	25.2	0.87	0.82
F28	18 Aug 2026	59	12.76	97.46	5.6	33.418	7.9	25.2	0.86	0.81
F28	18 Aug 2026	60	12.77	97.45	5.6	33.417	7.9	25.2	0.87	0.82
F28	18 Aug 2026	61	12.66	97.56	5.6	33.43	7.9	25.2	0.80	0.82
F28	18 Aug 2026	62	12.65	97.71	5.5	33.426	7.9	25.2	0.75	0.82
F28	18 Aug 2026	63	12.63	97.74	5.5	33.432	7.9	25.3	0.73	0.83
F28	18 Aug 2026	64	12.60	97.82	5.5	33.435	7.9	25.3	0.71	0.82
F28	18 Aug 2026	65	12.57	97.85	5.5	33.437	7.9	25.3	0.69	0.83
F28	18 Aug 2026	66	12.55	97.82	5.4	33.443	7.9	25.3	0.70	0.83
F28	18 Aug 2026	67	12.44	97.88	5.3	33.457	7.9	25.3	0.62	0.82
F28	18 Aug 2026	68	12.37	97.99	5.3	33.462	7.9	25.3	0.53	0.83
F28	18 Aug 2026	69	12.34	98.04	5.2	33.466	7.9	25.3	0.49	0.82
F28	18 Aug 2026	70	12.34	98.00	5.2	33.466	7.9	25.3	0.47	0.83
F28	18 Aug 2026	71	12.33	98.03	5.2	33.47	7.9	25.3	0.51	0.84
F28	18 Aug 2026	72	12.30	98.02	5.2	33.474	7.9	25.3	0.44	0.84
F28	18 Aug 2026	73	12.29	98.03	5.2	33.475	7.9	25.3	0.44	0.82
F28	18 Aug 2026	74	12.29	97.99	5.2	33.476	7.9	25.4	0.44	0.85
F28	18 Aug 2026	75	12.27	97.97	5.1	33.478	7.9	25.4	0.43	0.84
F28	18 Aug 2026	76	12.25	97.99	5.1	33.483	7.9	25.4	0.42	0.83
F28	18 Aug 2026	77	12.23	98.01	5.1	33.485	7.9	25.4	0.39	0.84
F28	18 Aug 2026	78	12.13	97.93	5.0	33.51	7.9	25.4	0.37	0.85
F28	18 Aug 2026	79	12.09	97.97	5.0	33.515	7.9	25.4	0.33	0.86
F28	18 Aug 2026	80	12.06	97.97	4.9	33.52	7.9	25.4	0.30	0.85
F28	18 Aug 2026	81	12.08	98.10	4.9	33.517	7.9	25.4	0.32	0.85
F28	18 Aug 2026	82	12.03	98.14	4.9	33.528	7.9	25.4	0.29	0.85
F28	18 Aug 2026	83	12.00	98.14	4.8	33.534	7.9	25.5	0.28	0.85
F28	18 Aug 2026	84	11.90	98.13	4.7	33.552	7.8	25.5	0.26	0.85
F28	18 Aug 2026	85	11.86	97.66	4.6	33.561	7.8	25.5	0.24	0.86
F28	18 Aug 2026	86	11.77	97.25	4.6	33.578	7.8	25.5	0.23	0.87
F28	18 Aug 2026	87	11.73	96.90	4.5	33.59	7.8	25.5	0.20	0.89
F28	18 Aug 2026	88	11.67	96.74	4.5	33.604	7.8	25.6	0.19	0.87
F28	18 Aug 2026	89	11.65	96.81	4.4	33.607	7.8	25.6	0.18	0.88
F28	18 Aug 2026	90	11.65	96.91	4.4	33.607	7.8	25.6	0.18	0.87
F28	18 Aug 2026	91	11.64	96.94	4.4	33.613	7.8	25.6	0.18	0.88
F28	18 Aug 2026	92	11.56	97.07	4.4	33.627	7.8	25.6	0.17	0.88

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F28	18 Aug 2026	93	11.50	97.33	4.3	33.641	7.8	25.6	0.15	0.87
F28	18 Aug 2026	94	11.46	97.33	4.3	33.651	7.8	25.6	0.15	0.87
F28	18 Aug 2026	95	11.38	97.62	4.2	33.668	7.8	25.7	0.14	0.88
F28	18 Aug 2026	96	11.38	97.62	4.2	33.668	7.8	25.7	0.14	0.88
F28	18 Aug 2026	97	11.35	97.68	4.2	33.677	7.8	25.7	0.13	0.88
F28	18 Aug 2026	98	11.32	97.62	4.1	33.686	7.8	25.7	0.13	0.89
F28	18 Aug 2026	99	11.31	97.60	4.1	33.69	7.8	25.7	0.13	0.91
F28	18 Aug 2026	100	11.21	97.61	4.0	33.73	7.8	25.7	0.12	0.87
F28	18 Aug 2026	101	11.08	97.48	3.8	33.777	7.8	25.8	0.11	0.89
F17	20 Aug 2026	1	19.60	74.21	7.7	33.334	8.2	23.6	0.27	0.62
F17	20 Aug 2026	2	19.77	91.26	7.7	33.327	8.2	23.5	0.28	0.75
F17	20 Aug 2026	3	19.71	92.49	7.6	33.352	8.2	23.6	0.29	0.69
F17	20 Aug 2026	4	19.04	93.21	7.7	33.364	8.2	23.8	0.31	0.72
F17	20 Aug 2026	5	18.68	93.40	7.9	33.346	8.2	23.8	0.34	0.66
F17	20 Aug 2026	6	18.02	93.91	7.9	33.354	8.2	24.0	0.35	0.66
F17	20 Aug 2026	7	17.70	94.34	8.0	33.325	8.2	24.1	0.32	0.63
F17	20 Aug 2026	8	17.47	94.08	8.0	33.325	8.2	24.1	0.33	0.62
F17	20 Aug 2026	9	16.61	94.65	8.0	33.328	8.2	24.3	0.33	0.63
F17	20 Aug 2026	10	16.47	94.55	8.0	33.308	8.2	24.3	0.33	0.66
F17	20 Aug 2026	11	15.69	94.52	7.9	33.325	8.2	24.5	0.35	0.65
F17	20 Aug 2026	12	14.96	94.42	7.8	33.333	8.1	24.7	0.36	0.69
F17	20 Aug 2026	13	15.02	93.74	7.7	33.3	8.1	24.7	0.49	0.73
F17	20 Aug 2026	14	14.69	93.65	7.6	33.332	8.1	24.8	0.55	0.75
F17	20 Aug 2026	15	14.56	92.22	7.5	33.324	8.1	24.8	0.69	0.77
F17	20 Aug 2026	16	14.46	91.33	7.4	33.327	8.1	24.8	1.04	0.80
F17	20 Aug 2026	17	14.36	90.42	7.3	33.34	8.1	24.8	1.47	0.78
F17	20 Aug 2026	18	14.12	90.50	7.1	33.341	8.1	24.9	1.86	0.80
F17	20 Aug 2026	19	14.11	91.11	7.1	33.339	8.1	24.9	2.26	0.79
F17	20 Aug 2026	20	14.08	91.28	7.0	33.344	8.1	24.9	2.47	0.80
F17	20 Aug 2026	21	14.02	91.56	7.0	33.346	8.1	24.9	2.51	0.81
F17	20 Aug 2026	22	13.92	92.07	6.8	33.356	8.1	24.9	2.50	0.80
F17	20 Aug 2026	23	13.75	92.71	6.7	33.36	8.1	25.0	2.27	0.81
F17	20 Aug 2026	24	13.65	93.32	6.5	33.367	8.0	25.0	1.93	0.82
F17	20 Aug 2026	25	13.47	93.78	6.4	33.377	8.0	25.0	1.72	0.81
F17	20 Aug 2026	26	13.34	94.62	6.2	33.383	8.0	25.1	1.42	0.82
F17	20 Aug 2026	27	13.35	95.44	6.2	33.379	8.0	25.1	1.18	0.81
F17	20 Aug 2026	28	13.26	94.97	6.0	33.389	8.0	25.1	1.20	0.81
F17	20 Aug 2026	29	13.15	95.95	6.0	33.393	8.0	25.1	1.07	0.83
F17	20 Aug 2026	30	13.12	96.59	5.9	33.395	8.0	25.1	0.91	0.83
F17	20 Aug 2026	31	13.08	96.67	5.8	33.396	8.0	25.1	0.90	0.83
F17	20 Aug 2026	32	13.04	96.73	5.7	33.402	8.0	25.1	0.88	0.83
F17	20 Aug 2026	33	12.98	96.82	5.6	33.41	8.0	25.2	0.84	0.81
F17	20 Aug 2026	34	12.89	96.90	5.6	33.421	8.0	25.2	0.89	0.80
F17	20 Aug 2026	35	12.87	97.09	5.6	33.422	8.0	25.2	0.85	0.83
F17	20 Aug 2026	36	12.76	97.15	5.5	33.433	8.0	25.2	0.81	0.83
F17	20 Aug 2026	37	12.69	97.34	5.4	33.44	7.9	25.2	0.69	0.84
F17	20 Aug 2026	38	12.65	97.39	5.3	33.445	7.9	25.3	0.55	0.84
F17	20 Aug 2026	39	12.56	97.42	5.3	33.449	7.9	25.3	0.48	0.86
F17	20 Aug 2026	40	12.56	97.56	5.2	33.448	7.9	25.3	0.45	0.84
F17	20 Aug 2026	41	12.54	97.54	5.2	33.45	7.9	25.3	0.44	0.86
F17	20 Aug 2026	42	12.50	97.54	5.2	33.453	7.9	25.3	0.41	0.86
F17	20 Aug 2026	43	12.47	97.61	5.2	33.457	7.9	25.3	0.38	0.86
F17	20 Aug 2026	44	12.46	97.64	5.1	33.459	7.9	25.3	0.36	0.86
F17	20 Aug 2026	45	12.34	97.70	5.0	33.466	7.9	25.3	0.33	0.89
F17	20 Aug 2026	46	12.27	97.60	5.0	33.476	7.9	25.4	0.24	0.91
F17	20 Aug 2026	47	12.26	97.49	4.9	33.48	7.9	25.4	0.24	0.90
F17	20 Aug 2026	48	12.25	97.41	4.9	33.484	7.9	25.4	0.24	0.90
F17	20 Aug 2026	49	12.24	97.41	4.9	33.487	7.9	25.4	0.24	0.90
F17	20 Aug 2026	50	12.18	97.37	4.8	33.496	7.9	25.4	0.23	0.87
F17	20 Aug 2026	51	12.14	97.23	4.8	33.494	7.9	25.4	0.22	0.89
F17	20 Aug 2026	52	12.12	97.22	4.8	33.491	7.9	25.4	0.20	0.92
F17	20 Aug 2026	53	12.10	97.29	4.7	33.495	7.9	25.4	0.18	0.92
F17	20 Aug 2026	54	12.11	97.28	4.7	33.494	7.9	25.4	0.18	0.93
F17	20 Aug 2026	55	12.08	97.30	4.7	33.5	7.9	25.4	0.18	0.92
F17	20 Aug 2026	56	11.99	97.28	4.6	33.519	7.9	25.4	0.17	0.94
F17	20 Aug 2026	57	11.96	96.99	4.5	33.525	7.9	25.5	0.15	0.94
F17	20 Aug 2026	58	11.95	96.35	4.5	33.527	7.9	25.5	0.15	0.95
F17	20 Aug 2026	59	11.94	96.10	4.5	33.528	7.9	25.5	0.15	0.94
F17	20 Aug 2026	60	11.94	95.94	4.5	33.529	7.9	25.5	0.15	0.95
F17	20 Aug 2026	61	11.93	95.92	4.5	33.533	7.9	25.5	0.16	0.95
F17	20 Aug 2026	62	11.85	95.89	4.4	33.546	7.8	25.5	0.15	0.96
F17	20 Aug 2026	63	11.84	95.56	4.4	33.546	7.8	25.5	0.14	0.96
F17	20 Aug 2026	64	11.83	95.40	4.4	33.547	7.8	25.5	0.13	0.97

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F17	20 Aug 2026	65	11.81	95.28	4.3	33.549	7.8	25.5	0.13	0.97
F17	20 Aug 2026	66	11.77	95.18	4.3	33.553	7.8	25.5	0.12	0.98
F17	20 Aug 2026	67	11.72	94.99	4.2	33.557	7.8	25.5	0.12	0.98
F17	20 Aug 2026	68	11.72	94.88	4.2	33.555	7.8	25.5	0.11	1.01
F17	20 Aug 2026	69	11.70	94.77	4.2	33.557	7.8	25.5	0.12	0.99
F17	20 Aug 2026	70	11.68	94.71	4.2	33.561	7.8	25.5	0.11	1.01
F17	20 Aug 2026	71	11.63	94.69	4.1	33.569	7.8	25.5	0.12	1.02
F17	20 Aug 2026	72	11.60	94.55	4.1	33.572	7.8	25.6	0.10	1.01
F17	20 Aug 2026	73	11.60	94.27	4.0	33.574	7.8	25.6	0.10	1.03
F17	20 Aug 2026	74	11.61	94.50	4.1	33.571	7.8	25.6	0.11	1.02
F17	20 Aug 2026	75	11.58	94.74	4.0	33.58	7.8	25.6	0.11	1.03
F17	20 Aug 2026	76	11.56	94.69	4.1	33.585	7.8	25.6	0.10	1.00
F17	20 Aug 2026	77	11.54	94.61	4.1	33.589	7.8	25.6	0.10	1.02
F17	20 Aug 2026	78	11.48	94.70	4.0	33.611	7.8	25.6	0.10	1.00
F17	20 Aug 2026	79	11.41	94.86	4.0	33.639	7.8	25.6	0.10	0.97
F17	20 Aug 2026	80	11.37	94.50	4.0	33.651	7.8	25.7	0.10	0.99
F17	20 Aug 2026	81	11.37	92.98	4.0	33.654	7.8	25.7	0.11	0.95
F17	20 Aug 2026	82	11.37	91.10	4.0	33.655	7.8	25.7	0.12	0.96
F06	19 Aug 2026	1	19.25	93.95	7.8	33.336	8.1	23.7	0.27	0.66
F06	19 Aug 2026	2	19.00	93.95	7.8	33.345	8.1	23.8	0.27	0.65
F06	19 Aug 2026	3	18.82	93.99	7.9	33.333	8.2	23.8	0.29	0.66
F06	19 Aug 2026	4	18.43	94.04	7.9	33.346	8.2	23.9	0.30	0.65
F06	19 Aug 2026	5	18.40	94.23	7.8	33.33	8.2	23.9	0.33	0.65
F06	19 Aug 2026	6	17.26	94.30	7.9	33.363	8.2	24.2	0.32	0.65
F06	19 Aug 2026	7	16.47	94.03	8.1	33.321	8.1	24.4	0.43	0.69
F06	19 Aug 2026	8	16.00	92.99	7.9	33.327	8.1	24.5	0.59	0.73
F06	19 Aug 2026	9	15.77	90.36	7.8	33.318	8.1	24.5	1.05	0.81
F06	19 Aug 2026	10	15.46	88.62	7.7	33.323	8.1	24.6	1.44	0.84
F06	19 Aug 2026	11	15.36	88.11	7.6	33.318	8.1	24.6	1.63	0.83
F06	19 Aug 2026	12	14.70	88.42	7.4	33.331	8.1	24.8	1.53	0.82
F06	19 Aug 2026	13	14.48	88.90	7.3	33.33	8.1	24.8	1.65	0.82
F06	19 Aug 2026	14	14.05	89.73	7.0	33.339	8.1	24.9	1.87	0.81
F06	19 Aug 2026	15	13.98	91.16	6.9	33.34	8.1	24.9	1.89	0.82
F06	19 Aug 2026	16	13.87	91.95	6.7	33.341	8.0	24.9	1.74	0.82
F06	19 Aug 2026	17	13.70	92.77	6.6	33.355	8.0	25.0	1.59	0.82
F06	19 Aug 2026	18	13.60	94.40	6.4	33.363	8.0	25.0	1.41	0.82
F06	19 Aug 2026	19	13.47	95.35	6.3	33.371	8.0	25.0	1.37	0.82
F06	19 Aug 2026	20	13.40	95.58	6.2	33.372	8.0	25.1	1.22	0.81
F06	19 Aug 2026	21	13.36	95.78	6.1	33.378	8.0	25.1	1.08	0.80
F06	19 Aug 2026	22	13.36	96.00	6.1	33.379	8.0	25.1	1.05	0.81
F06	19 Aug 2026	23	13.26	96.22	6.0	33.388	8.0	25.1	1.01	0.82
F06	19 Aug 2026	24	13.26	96.38	6.0	33.388	8.0	25.1	0.92	0.84
F06	19 Aug 2026	25	13.24	96.41	5.9	33.39	8.0	25.1	0.92	0.83
F06	19 Aug 2026	26	13.17	96.49	5.8	33.398	8.0	25.1	0.86	0.85
F06	19 Aug 2026	27	13.09	96.67	5.8	33.4	8.0	25.1	0.73	0.87
F06	19 Aug 2026	28	13.00	96.77	5.7	33.413	8.0	25.2	0.69	0.85
F06	19 Aug 2026	29	12.96	96.94	5.7	33.413	8.0	25.2	0.59	0.84
F06	19 Aug 2026	30	12.82	97.05	5.5	33.431	8.0	25.2	0.59	0.83
F06	19 Aug 2026	31	12.69	97.34	5.4	33.438	7.9	25.2	0.50	0.83
F06	19 Aug 2026	32	12.66	97.39	5.4	33.44	7.9	25.3	0.49	0.83
F06	19 Aug 2026	33	12.63	97.42	5.4	33.441	7.9	25.3	0.47	0.85
F06	19 Aug 2026	34	12.62	97.41	5.3	33.442	7.9	25.3	0.43	0.85
F06	19 Aug 2026	35	12.62	97.33	5.3	33.443	7.9	25.3	0.42	0.84
F06	19 Aug 2026	36	12.61	97.28	5.3	33.446	7.9	25.3	0.43	0.84
F06	19 Aug 2026	37	12.55	97.20	5.3	33.455	7.9	25.3	0.41	0.85
F06	19 Aug 2026	38	12.53	97.01	5.3	33.457	7.9	25.3	0.38	0.85
F06	19 Aug 2026	39	12.53	96.91	5.2	33.457	7.9	25.3	0.38	0.84
F06	19 Aug 2026	40	12.48	96.96	5.2	33.465	7.9	25.3	0.37	0.87
F06	19 Aug 2026	41	12.46	96.92	5.2	33.466	7.9	25.3	0.35	0.87
F06	19 Aug 2026	42	12.43	96.93	5.2	33.472	7.9	25.3	0.35	0.84
F06	19 Aug 2026	43	12.41	96.85	5.1	33.475	7.9	25.3	0.34	0.85
F06	19 Aug 2026	44	12.39	96.88	5.1	33.477	7.9	25.3	0.33	0.90
F06	19 Aug 2026	45	12.39	96.87	5.1	33.477	7.9	25.3	0.32	0.86
F06	19 Aug 2026	46	12.38	96.86	5.1	33.478	7.9	25.3	0.33	0.86
F06	19 Aug 2026	47	12.36	96.80	5.0	33.481	7.9	25.3	0.31	0.87
F06	19 Aug 2026	48	12.35	96.74	5.1	33.481	7.9	25.3	0.30	0.90
F06	19 Aug 2026	49	12.33	96.72	5.0	33.482	7.9	25.3	0.31	0.86
F06	19 Aug 2026	50	12.32	96.71	5.0	33.482	7.9	25.3	0.30	0.86
F06	19 Aug 2026	51	12.24	96.69	4.9	33.491	7.9	25.4	0.29	0.88
F06	19 Aug 2026	52	12.19	96.41	4.9	33.495	7.9	25.4	0.25	0.89
F06	19 Aug 2026	53	12.19	95.93	4.8	33.493	7.9	25.4	0.24	0.90
F06	19 Aug 2026	54	12.18	95.76	4.8	33.496	7.9	25.4	0.23	0.90
F06	19 Aug 2026	55	12.17	95.55	4.8	33.499	7.9	25.4	0.23	0.91

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F06	19 Aug 2026	56	12.15	94.76	4.8	33.501	7.9	25.4	0.24	0.91
F06	19 Aug 2026	57	12.14	94.19	4.7	33.504	7.9	25.4	0.23	0.93
F06	19 Aug 2026	58	12.12	93.96	4.7	33.507	7.9	25.4	0.22	0.93
F06	19 Aug 2026	59	12.11	93.81	4.7	33.508	7.9	25.4	0.22	0.93
F06	19 Aug 2026	60	12.11	93.44	4.7	33.508	7.9	25.4	0.22	0.93
F06	19 Aug 2026	61	12.11	93.08	4.7	33.507	7.9	25.4	0.21	0.92
F06	19 Aug 2026	62	12.09	92.80	4.7	33.511	7.9	25.4	0.21	0.92
F01	19 Aug 2026	1	20.02	81.36	7.5	33.398	8.1	23.5	0.50	0.88
F01	19 Aug 2026	2	19.43	84.88	7.6	33.374	8.1	23.7	0.51	0.93
F01	19 Aug 2026	3	18.89	86.19	7.8	33.372	8.1	23.8	0.43	0.84
F01	19 Aug 2026	4	18.42	88.60	7.9	33.351	8.1	23.9	0.41	0.75
F01	19 Aug 2026	5	18.07	91.19	7.7	33.358	8.1	24.0	0.44	0.74
F01	19 Aug 2026	6	16.50	91.70	7.5	33.438	8.1	24.4	0.56	0.78
F01	19 Aug 2026	7	15.36	90.26	7.2	33.362	8.1	24.6	0.76	0.84
F01	19 Aug 2026	8	15.01	88.11	6.9	33.332	8.1	24.7	0.77	0.92
F01	19 Aug 2026	9	14.88	85.51	6.8	33.326	8.0	24.7	0.73	0.99
F01	19 Aug 2026	10	14.80	81.92	6.8	33.322	8.0	24.7	0.80	1.00
F01	19 Aug 2026	11	14.80	81.37	6.8	33.32	8.1	24.7	0.96	1.00
F01	19 Aug 2026	12	14.71	81.84	6.8	33.322	8.1	24.7	1.11	0.99
F01	19 Aug 2026	13	14.65	79.59	6.8	33.327	8.0	24.8	1.23	1.00
F01	19 Aug 2026	14	14.59	83.70	7.0	33.331	8.1	24.8	1.43	0.94
F01	19 Aug 2026	15	14.54	87.44	7.1	33.326	8.1	24.8	1.84	0.90
F01	19 Aug 2026	16	14.49	87.82	7.1	33.328	8.1	24.8	1.98	0.89
F01	19 Aug 2026	17	14.39	88.39	7.1	33.337	8.1	24.8	2.07	0.86
F01	19 Aug 2026	18	14.36	89.14	7.0	33.335	8.1	24.8	2.05	0.84
F01	19 Aug 2026	19	14.28	89.69	6.8	33.345	8.1	24.9	1.92	0.86
F01	19 Aug 2026	20	13.91	90.91	6.5	33.371	8.0	24.9	1.40	0.88
F01	19 Aug 2026	21	13.95	91.09	6.4	33.339	8.0	24.9	0.84	0.89
F29	18 Aug 2026	1	19.97	95.10	7.7	33.362	8.2	23.5	0.20	0.66
F29	18 Aug 2026	2	19.25	95.00	7.8	33.369	8.2	23.7	0.18	0.67
F29	18 Aug 2026	3	19.08	95.26	7.9	33.349	8.2	23.7	0.17	0.62
F29	18 Aug 2026	4	18.87	95.21	7.9	33.348	8.2	23.8	0.19	0.61
F29	18 Aug 2026	5	18.63	95.14	8.0	33.337	8.2	23.8	0.22	0.62
F29	18 Aug 2026	6	18.57	95.14	8.0	33.336	8.2	23.9	0.22	0.64
F29	18 Aug 2026	7	18.37	95.14	8.0	33.335	8.2	23.9	0.24	0.63
F29	18 Aug 2026	8	18.35	95.16	8.0	33.336	8.2	23.9	0.24	0.64
F29	18 Aug 2026	9	18.22	95.15	8.0	33.33	8.2	23.9	0.26	0.62
F29	18 Aug 2026	10	18.18	95.18	8.0	33.329	8.2	23.9	0.27	0.62
F29	18 Aug 2026	11	18.14	95.21	8.0	33.33	8.2	24.0	0.26	0.63
F29	18 Aug 2026	12	17.74	95.28	8.1	33.342	8.2	24.1	0.26	0.62
F29	18 Aug 2026	13	17.24	95.30	8.1	33.336	8.2	24.2	0.25	0.62
F29	18 Aug 2026	14	16.61	95.07	8.2	33.313	8.2	24.3	0.28	0.65
F29	18 Aug 2026	15	16.21	94.78	8.3	33.3	8.2	24.4	0.34	0.63
F29	18 Aug 2026	16	16.16	94.58	8.3	33.299	8.2	24.4	0.36	0.65
F29	18 Aug 2026	17	16.08	94.52	8.2	33.302	8.2	24.4	0.40	0.65
F29	18 Aug 2026	18	15.80	94.43	8.1	33.311	8.2	24.5	0.44	0.66
F29	18 Aug 2026	19	15.56	94.39	8.1	33.309	8.1	24.5	0.49	0.67
F29	18 Aug 2026	20	15.34	94.40	8.0	33.306	8.1	24.6	0.55	0.67
F29	18 Aug 2026	21	15.24	94.41	7.9	33.304	8.1	24.6	0.59	0.68
F29	18 Aug 2026	22	15.16	94.20	7.9	33.303	8.1	24.6	0.64	0.70
F29	18 Aug 2026	23	15.09	93.97	7.8	33.306	8.1	24.6	0.68	0.69
F29	18 Aug 2026	24	14.88	93.79	7.8	33.318	8.1	24.7	0.74	0.72
F29	18 Aug 2026	25	14.73	93.15	7.7	33.319	8.1	24.7	0.95	0.72
F29	18 Aug 2026	26	14.48	92.23	7.5	33.339	8.1	24.8	1.23	0.73
F29	18 Aug 2026	27	14.40	89.45	7.4	33.338	8.1	24.8	2.42	0.77
F29	18 Aug 2026	28	14.24	89.05	7.3	33.336	8.1	24.9	2.86	0.77
F29	18 Aug 2026	29	14.23	89.01	7.3	33.337	8.1	24.9	3.07	0.78
F29	18 Aug 2026	30	14.07	89.30	7.1	33.342	8.1	24.9	3.13	0.77
F29	18 Aug 2026	31	13.81	91.21	6.9	33.36	8.1	25.0	2.90	0.76
F29	18 Aug 2026	32	13.75	92.37	6.8	33.356	8.0	25.0	2.46	0.79
F29	18 Aug 2026	33	13.66	93.03	6.6	33.362	8.0	25.0	2.44	0.80
F29	18 Aug 2026	34	13.56	93.49	6.5	33.365	8.0	25.0	2.26	0.80
F29	18 Aug 2026	35	13.53	93.97	6.4	33.367	8.0	25.0	2.13	0.81
F29	18 Aug 2026	36	13.48	94.51	6.3	33.369	8.0	25.0	1.99	0.79
F29	18 Aug 2026	37	13.45	94.78	6.3	33.371	8.0	25.0	1.91	0.80
F29	18 Aug 2026	38	13.41	95.03	6.2	33.372	8.0	25.0	1.84	0.80
F29	18 Aug 2026	39	13.36	95.31	6.2	33.377	8.0	25.1	1.71	0.82
F29	18 Aug 2026	40	13.25	95.91	6.1	33.383	8.0	25.1	1.40	0.82
F29	18 Aug 2026	41	13.19	96.12	6.0	33.384	8.0	25.1	1.36	0.83
F29	18 Aug 2026	42	13.15	96.18	6.0	33.385	8.0	25.1	1.29	0.83
F29	18 Aug 2026	43	13.12	96.36	6.0	33.386	8.0	25.1	1.24	0.81
F29	18 Aug 2026	44	13.04	96.50	6.0	33.39	8.0	25.1	1.22	0.81

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F29	18 Aug 2026	45	13.02	96.73	6.0	33.388	8.0	25.1	1.13	0.81
F29	18 Aug 2026	46	12.97	96.82	5.9	33.394	8.0	25.2	1.11	0.82
F29	18 Aug 2026	47	12.91	96.91	5.8	33.402	8.0	25.2	1.09	0.81
F29	18 Aug 2026	48	12.90	96.93	5.8	33.404	8.0	25.2	1.13	0.81
F29	18 Aug 2026	49	12.87	96.88	5.8	33.409	7.9	25.2	1.14	0.80
F29	18 Aug 2026	50	12.85	96.85	5.7	33.41	7.9	25.2	1.16	0.82
F29	18 Aug 2026	51	12.84	96.81	5.7	33.409	7.9	25.2	1.18	0.82
F29	18 Aug 2026	52	12.83	96.84	5.7	33.409	7.9	25.2	1.19	0.82
F29	18 Aug 2026	53	12.79	96.95	5.7	33.416	7.9	25.2	1.18	0.81
F29	18 Aug 2026	54	12.73	97.12	5.6	33.419	7.9	25.2	1.08	0.80
F29	18 Aug 2026	55	12.69	97.28	5.6	33.425	7.9	25.2	0.98	0.80
F29	18 Aug 2026	56	12.65	97.47	5.6	33.429	7.9	25.2	0.91	0.83
F29	18 Aug 2026	57	12.62	97.59	5.5	33.429	7.9	25.2	0.82	0.82
F29	18 Aug 2026	58	12.61	97.71	5.6	33.429	7.9	25.3	0.77	0.80
F29	18 Aug 2026	59	12.57	97.78	5.5	33.43	7.9	25.3	0.74	0.83
F29	18 Aug 2026	60	12.55	97.84	5.5	33.433	7.9	25.3	0.70	0.82
F29	18 Aug 2026	61	12.51	97.77	5.4	33.442	7.9	25.3	0.71	0.84
F29	18 Aug 2026	62	12.46	97.76	5.4	33.447	7.9	25.3	0.70	0.82
F29	18 Aug 2026	63	12.45	97.76	5.4	33.449	7.9	25.3	0.69	0.82
F29	18 Aug 2026	64	12.41	97.83	5.3	33.453	7.9	25.3	0.64	0.82
F29	18 Aug 2026	65	12.41	97.84	5.3	33.454	7.9	25.3	0.64	0.83
F29	18 Aug 2026	66	12.40	97.86	5.3	33.455	7.9	25.3	0.62	0.81
F29	18 Aug 2026	67	12.37	97.94	5.3	33.46	7.9	25.3	0.59	0.81
F29	18 Aug 2026	68	12.35	98.01	5.2	33.462	7.9	25.3	0.55	0.84
F29	18 Aug 2026	69	12.34	98.00	5.2	33.463	7.9	25.3	0.52	0.84
F29	18 Aug 2026	70	12.30	98.03	5.2	33.472	7.9	25.3	0.50	0.83
F29	18 Aug 2026	71	12.26	98.08	5.2	33.477	7.9	25.4	0.46	0.83
F29	18 Aug 2026	72	12.25	98.10	5.1	33.478	7.9	25.4	0.41	0.84
F29	18 Aug 2026	73	12.24	98.07	5.1	33.479	7.9	25.4	0.41	0.85
F29	18 Aug 2026	74	12.23	97.99	5.1	33.479	7.9	25.4	0.40	0.85
F29	18 Aug 2026	75	12.22	97.88	5.1	33.479	7.9	25.4	0.41	0.85
F29	18 Aug 2026	76	12.17	97.03	5.0	33.473	7.9	25.4	0.37	0.89
F29	18 Aug 2026	77	12.10	95.55	4.9	33.464	7.9	25.4	0.34	0.96
F29	18 Aug 2026	78	12.04	94.00	4.8	33.455	7.8	25.4	0.32	1.06
F29	18 Aug 2026	79	11.99	92.22	4.7	33.453	7.8	25.4	0.29	1.12
F29	18 Aug 2026	80	11.97	92.04	4.7	33.457	7.8	25.4	0.27	1.14
F29	18 Aug 2026	81	11.96	92.20	4.7	33.465	7.8	25.4	0.27	1.12
F29	18 Aug 2026	82	11.95	92.18	4.7	33.468	7.8	25.4	0.26	1.11
F29	18 Aug 2026	83	11.94	91.62	4.7	33.471	7.8	25.4	0.25	1.14
F29	18 Aug 2026	84	11.96	92.52	4.7	33.488	7.8	25.4	0.25	1.09
F29	18 Aug 2026	85	11.97	95.10	4.7	33.513	7.8	25.4	0.26	0.99
F29	18 Aug 2026	86	11.97	96.22	4.8	33.524	7.8	25.4	0.26	0.93
F29	18 Aug 2026	87	11.96	97.02	4.8	33.539	7.8	25.5	0.25	0.87
F29	18 Aug 2026	88	11.93	97.61	4.7	33.542	7.8	25.5	0.27	0.87
F29	18 Aug 2026	89	11.85	97.21	4.7	33.563	7.8	25.5	0.23	0.88
F29	18 Aug 2026	90	11.83	97.53	4.6	33.566	7.8	25.5	0.21	0.89
F29	18 Aug 2026	91	11.80	97.84	4.6	33.578	7.8	25.5	0.22	0.87
F29	18 Aug 2026	92	11.66	97.93	4.5	33.607	7.8	25.6	0.19	0.87
F29	18 Aug 2026	93	11.61	97.83	4.4	33.608	7.8	25.6	0.18	0.87
F29	18 Aug 2026	94	11.51	94.70	4.3	33.599	7.8	25.6	0.17	0.96
F29	18 Aug 2026	95	11.25	90.88	4.1	33.672	7.8	25.7	0.13	1.03
F29	18 Aug 2026	96	11.15	97.27	4.0	33.723	7.8	25.8	0.11	0.91
F29	18 Aug 2026	97	11.11	97.28	3.9	33.739	7.8	25.8	0.10	0.89
F29	18 Aug 2026	98	11.10	97.08	3.9	33.743	7.8	25.8	0.09	0.88
F29	18 Aug 2026	99	11.10	96.73	3.9	33.744	7.8	25.8	0.11	0.88
F18	20 Aug 2026	1	20.21	92.54	7.7	33.333	8.2	23.4	0.32	0.70
F18	20 Aug 2026	2	19.90	92.45	7.7	33.371	8.2	23.5	0.32	0.69
F18	20 Aug 2026	3	19.29	92.96	7.8	33.355	8.2	23.7	0.34	0.69
F18	20 Aug 2026	4	18.49	93.36	7.9	33.355	8.2	23.9	0.35	0.69
F18	20 Aug 2026	5	17.43	94.01	8.0	33.355	8.2	24.1	0.34	0.64
F18	20 Aug 2026	6	16.66	94.60	8.2	33.311	8.2	24.3	0.32	0.64
F18	20 Aug 2026	7	16.76	94.73	8.1	33.273	8.2	24.2	0.32	0.65
F18	20 Aug 2026	8	16.22	94.66	8.0	33.315	8.2	24.4	0.32	0.64
F18	20 Aug 2026	9	15.88	93.94	7.9	33.315	8.1	24.5	0.38	0.70
F18	20 Aug 2026	10	15.45	92.89	7.8	33.318	8.1	24.6	0.46	0.73
F18	20 Aug 2026	11	15.36	92.57	7.8	33.303	8.1	24.6	0.54	0.74
F18	20 Aug 2026	12	14.94	92.60	7.8	33.325	8.1	24.7	0.56	0.74
F18	20 Aug 2026	13	14.77	92.62	7.7	33.322	8.1	24.7	0.60	0.74
F18	20 Aug 2026	14	14.77	92.42	7.7	33.317	8.1	24.7	0.69	0.73
F18	20 Aug 2026	15	14.40	91.72	7.4	33.336	8.1	24.8	0.91	0.77
F18	20 Aug 2026	16	14.28	90.65	7.3	33.335	8.1	24.8	1.62	0.81
F18	20 Aug 2026	17	14.24	89.70	7.2	33.335	8.1	24.9	2.12	0.81
F18	20 Aug 2026	18	14.22	89.77	7.2	33.337	8.1	24.9	2.32	0.81

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F18	20 Aug 2026	19	14.16	89.98	7.1	33.344	8.1	24.9	2.43	0.81
F18	20 Aug 2026	20	14.02	90.32	7.0	33.353	8.1	24.9	2.49	0.80
F18	20 Aug 2026	21	13.93	90.87	6.9	33.356	8.1	24.9	2.37	0.80
F18	20 Aug 2026	22	13.79	91.73	6.7	33.363	8.1	25.0	2.44	0.80
F18	20 Aug 2026	23	13.68	92.98	6.6	33.369	8.0	25.0	2.22	0.79
F18	20 Aug 2026	24	13.54	93.54	6.4	33.375	8.0	25.0	1.87	0.79
F18	20 Aug 2026	25	13.46	94.54	6.3	33.376	8.0	25.0	1.53	0.79
F18	20 Aug 2026	26	13.44	95.35	6.2	33.382	8.0	25.1	1.48	0.81
F18	20 Aug 2026	27	13.32	95.57	6.1	33.387	8.0	25.1	1.33	0.81
F18	20 Aug 2026	28	13.27	95.81	6.0	33.39	8.0	25.1	1.22	0.82
F18	20 Aug 2026	29	13.18	96.02	5.9	33.397	8.0	25.1	1.14	0.82
F18	20 Aug 2026	30	13.15	96.39	5.9	33.398	8.0	25.1	1.05	0.82
F18	20 Aug 2026	31	13.10	96.53	5.8	33.403	8.0	25.1	1.03	0.81
F18	20 Aug 2026	32	13.02	96.56	5.7	33.409	8.0	25.2	0.96	0.83
F18	20 Aug 2026	33	12.99	96.69	5.7	33.41	8.0	25.2	0.91	0.82
F18	20 Aug 2026	34	12.96	96.84	5.7	33.411	8.0	25.2	0.85	0.82
F18	20 Aug 2026	35	12.93	97.05	5.6	33.416	8.0	25.2	0.82	0.83
F18	20 Aug 2026	36	12.88	97.15	5.6	33.421	8.0	25.2	0.79	0.85
F18	20 Aug 2026	37	12.83	97.20	5.5	33.424	8.0	25.2	0.75	0.84
F18	20 Aug 2026	38	12.79	97.31	5.5	33.428	8.0	25.2	0.70	0.84
F18	20 Aug 2026	39	12.77	97.39	5.5	33.429	7.9	25.2	0.70	0.84
F18	20 Aug 2026	40	12.71	97.45	5.4	33.434	7.9	25.2	0.65	0.86
F18	20 Aug 2026	41	12.65	97.47	5.4	33.442	7.9	25.3	0.55	0.84
F18	20 Aug 2026	42	12.64	97.47	5.4	33.441	7.9	25.3	0.50	0.83
F18	20 Aug 2026	43	12.58	97.50	5.3	33.451	7.9	25.3	0.52	0.85
F18	20 Aug 2026	44	12.52	97.53	5.2	33.454	7.9	25.3	0.45	0.86
F18	20 Aug 2026	45	12.48	97.53	5.2	33.46	7.9	25.3	0.38	0.86
F18	20 Aug 2026	46	12.44	97.50	5.1	33.461	7.9	25.3	0.36	0.86
F18	20 Aug 2026	47	12.38	97.52	5.1	33.464	7.9	25.3	0.33	0.87
F18	20 Aug 2026	48	12.32	97.36	5.1	33.468	7.9	25.3	0.35	0.86
F18	20 Aug 2026	49	12.30	97.17	5.0	33.475	7.9	25.3	0.36	0.88
F18	20 Aug 2026	50	12.28	96.64	4.9	33.478	7.9	25.4	0.24	0.90
F18	20 Aug 2026	51	12.25	96.62	4.9	33.485	7.9	25.4	0.22	0.88
F18	20 Aug 2026	52	12.23	96.32	4.9	33.487	7.9	25.4	0.23	0.90
F18	20 Aug 2026	53	12.19	96.05	4.8	33.495	7.9	25.4	0.22	0.89
F18	20 Aug 2026	54	12.15	95.87	4.8	33.498	7.9	25.4	0.20	0.90
F18	20 Aug 2026	55	12.14	96.06	4.7	33.5	7.9	25.4	0.20	0.91
F18	20 Aug 2026	56	12.08	96.47	4.7	33.504	7.9	25.4	0.18	0.92
F18	20 Aug 2026	57	12.04	96.72	4.6	33.512	7.9	25.4	0.17	0.94
F18	20 Aug 2026	58	12.00	96.44	4.6	33.521	7.9	25.4	0.16	0.94
F18	20 Aug 2026	59	12.00	95.95	4.6	33.519	7.9	25.4	0.16	0.95
F18	20 Aug 2026	60	11.98	95.94	4.6	33.523	7.9	25.4	0.17	0.93
F18	20 Aug 2026	61	11.96	95.45	4.5	33.525	7.9	25.5	0.16	0.95
F18	20 Aug 2026	62	11.93	94.97	4.5	33.529	7.9	25.5	0.17	0.93
F18	20 Aug 2026	63	11.88	94.81	4.4	33.536	7.8	25.5	0.15	0.95
F18	20 Aug 2026	64	11.86	94.62	4.4	33.536	7.8	25.5	0.14	0.97
F18	20 Aug 2026	65	11.80	94.66	4.3	33.544	7.8	25.5	0.14	0.98
F18	20 Aug 2026	66	11.74	94.58	4.2	33.552	7.8	25.5	0.12	1.00
F18	20 Aug 2026	67	11.71	94.46	4.2	33.553	7.8	25.5	0.11	1.01
F18	20 Aug 2026	68	11.71	94.11	4.2	33.551	7.8	25.5	0.11	1.04
F18	20 Aug 2026	69	11.65	93.87	4.1	33.56	7.8	25.5	0.11	1.04
F18	20 Aug 2026	70	11.62	93.56	4.0	33.566	7.8	25.5	0.10	1.04
F18	20 Aug 2026	71	11.63	93.22	4.0	33.562	7.8	25.5	0.10	1.04
F18	20 Aug 2026	72	11.62	93.20	4.0	33.568	7.8	25.5	0.10	1.04
F18	20 Aug 2026	73	11.62	93.19	4.0	33.571	7.8	25.6	0.11	1.02
F18	20 Aug 2026	74	11.61	93.19	4.0	33.573	7.8	25.6	0.11	1.02
F18	20 Aug 2026	75	11.61	93.27	4.1	33.573	7.8	25.6	0.12	1.01
F18	20 Aug 2026	76	11.61	93.23	4.1	33.573	7.8	25.6	0.11	1.02
F18	20 Aug 2026	77	11.60	93.09	4.1	33.573	7.8	25.6	0.11	1.05
F18	20 Aug 2026	78	11.59	93.12	4.1	33.576	7.8	25.6	0.12	1.03
F18	20 Aug 2026	79	11.60	93.13	4.0	33.575	7.8	25.6	0.12	1.02
F18	20 Aug 2026	80	11.55	93.13	4.0	33.591	7.8	25.6	0.11	1.02
F18	20 Aug 2026	81	11.53	92.48	4.0	33.598	7.8	25.6	0.11	1.02
F18	20 Aug 2026	82	11.53	90.87	4.0	33.598	7.8	25.6	0.12	1.02
F07	19 Aug 2026	1	19.92	92.50	7.5	33.35	8.1	23.5	0.31	0.75
F07	19 Aug 2026	2	19.89	87.05	7.5	33.349	8.1	23.5	0.32	0.73
F07	19 Aug 2026	3	19.65	89.44	7.5	33.371	8.1	23.6	0.33	0.74
F07	19 Aug 2026	4	18.53	93.21	7.9	33.356	8.1	23.9	0.37	0.69
F07	19 Aug 2026	5	18.37	93.90	7.9	33.322	8.1	23.9	0.38	0.67
F07	19 Aug 2026	6	17.88	94.20	8.0	33.331	8.2	24.0	0.39	0.66
F07	19 Aug 2026	7	17.63	94.12	7.9	33.32	8.2	24.1	0.42	0.64
F07	19 Aug 2026	8	17.44	94.12	7.9	33.315	8.2	24.1	0.43	0.64
F07	19 Aug 2026	9	17.14	94.22	7.9	33.316	8.2	24.2	0.42	0.65

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F07	19 Aug 2026	10	16.37	94.19	8.1	33.324	8.2	24.4	0.44	0.67
F07	19 Aug 2026	11	16.18	93.84	8.1	33.304	8.1	24.4	0.51	0.71
F07	19 Aug 2026	12	16.08	93.21	8.0	33.308	8.1	24.4	0.58	0.70
F07	19 Aug 2026	13	15.62	92.79	7.6	33.332	8.1	24.6	0.72	0.70
F07	19 Aug 2026	14	14.96	91.54	7.5	33.336	8.1	24.7	1.32	0.83
F07	19 Aug 2026	15	15.10	91.03	7.4	33.322	8.1	24.7	1.41	0.86
F07	19 Aug 2026	16	14.43	90.84	7.3	33.331	8.1	24.8	1.55	0.84
F07	19 Aug 2026	17	14.41	90.58	7.2	33.326	8.1	24.8	1.88	0.84
F07	19 Aug 2026	18	14.05	90.79	7.0	33.342	8.1	24.9	1.89	0.84
F07	19 Aug 2026	19	14.01	92.24	6.8	33.341	8.1	24.9	1.62	0.84
F07	19 Aug 2026	20	14.05	92.81	6.8	33.341	8.1	24.9	1.53	0.84
F07	19 Aug 2026	21	13.92	93.67	6.6	33.352	8.0	24.9	1.41	0.85
F07	19 Aug 2026	22	13.86	94.45	6.4	33.358	8.0	24.9	1.10	0.86
F07	19 Aug 2026	23	13.76	95.09	6.3	33.368	8.0	25.0	0.98	0.86
F07	19 Aug 2026	24	13.73	95.34	6.2	33.368	8.0	25.0	0.86	0.87
F07	19 Aug 2026	25	13.64	95.35	6.2	33.374	8.0	25.0	0.85	0.89
F07	19 Aug 2026	26	13.56	95.68	6.1	33.374	8.0	25.0	0.80	0.85
F07	19 Aug 2026	27	13.49	95.97	6.0	33.381	8.0	25.0	0.76	0.84
F07	19 Aug 2026	28	13.35	96.12	6.0	33.391	8.0	25.1	0.72	0.83
F07	19 Aug 2026	29	13.27	96.38	5.9	33.392	8.0	25.1	0.74	0.84
F07	19 Aug 2026	30	13.25	96.56	5.9	33.391	8.0	25.1	0.76	0.83
F07	19 Aug 2026	31	13.23	96.60	5.9	33.394	8.0	25.1	0.72	0.83
F07	19 Aug 2026	32	13.18	96.67	5.8	33.397	8.0	25.1	0.68	0.84
F07	19 Aug 2026	33	13.05	96.78	5.7	33.407	8.0	25.1	0.68	0.84
F07	19 Aug 2026	34	12.96	96.90	5.6	33.414	8.0	25.2	0.69	0.84
F07	19 Aug 2026	35	12.85	97.10	5.5	33.425	8.0	25.2	0.68	0.84
F07	19 Aug 2026	36	12.72	97.25	5.4	33.439	7.9	25.2	0.61	0.84
F07	19 Aug 2026	37	12.64	97.27	5.4	33.442	7.9	25.3	0.53	0.85
F07	19 Aug 2026	38	12.63	97.17	5.3	33.442	7.9	25.3	0.45	0.85
F07	19 Aug 2026	39	12.63	97.13	5.4	33.443	7.9	25.3	0.42	0.84
F07	19 Aug 2026	40	12.60	97.06	5.3	33.446	7.9	25.3	0.42	0.86
F07	19 Aug 2026	41	12.57	96.99	5.3	33.45	7.9	25.3	0.40	0.84
F07	19 Aug 2026	42	12.55	96.89	5.2	33.454	7.9	25.3	0.39	0.84
F07	19 Aug 2026	43	12.52	96.75	5.2	33.457	7.9	25.3	0.38	0.85
F07	19 Aug 2026	44	12.50	96.71	5.2	33.457	7.9	25.3	0.35	0.84
F07	19 Aug 2026	45	12.49	96.73	5.2	33.459	7.9	25.3	0.35	0.85
F07	19 Aug 2026	46	12.48	96.77	5.1	33.46	7.9	25.3	0.35	0.88
F07	19 Aug 2026	47	12.47	96.71	5.2	33.462	7.9	25.3	0.34	0.88
F07	19 Aug 2026	48	12.46	96.74	5.1	33.463	7.9	25.3	0.35	0.87
F07	19 Aug 2026	49	12.45	96.82	5.2	33.464	7.9	25.3	0.34	0.85
F07	19 Aug 2026	50	12.45	96.80	5.2	33.464	7.9	25.3	0.34	0.88
F07	19 Aug 2026	51	12.39	96.84	5.1	33.469	7.9	25.3	0.33	0.85
F07	19 Aug 2026	52	12.34	97.13	5.0	33.475	7.9	25.3	0.31	0.87
F07	19 Aug 2026	53	12.33	97.14	5.0	33.476	7.9	25.3	0.29	0.89
F07	19 Aug 2026	54	12.28	96.76	5.0	33.485	7.9	25.4	0.28	0.88
F07	19 Aug 2026	55	12.26	96.46	5.0	33.487	7.9	25.4	0.27	0.88
F07	19 Aug 2026	56	12.23	96.28	4.9	33.493	7.9	25.4	0.26	0.89
F07	19 Aug 2026	57	12.20	94.90	4.8	33.497	7.9	25.4	0.24	0.92
F07	19 Aug 2026	58	12.20	94.00	4.8	33.497	7.9	25.4	0.24	0.92
F07	19 Aug 2026	59	12.19	93.06	4.8	33.496	7.9	25.4	0.23	0.92
F07	19 Aug 2026	60	12.19	92.62	4.8	33.496	7.9	25.4	0.23	0.93
F07	19 Aug 2026	61	12.19	92.52	4.8	33.496	7.9	25.4	0.23	0.95
F07	19 Aug 2026	62	12.20	92.49	4.8	33.496	7.9	25.4	0.24	0.94
F07	19 Aug 2026	63	12.19	92.26	4.8	33.496	7.9	25.4	0.23	0.94
F07	19 Aug 2026	64	12.19	91.98	4.8	33.496	7.9	25.4	0.23	0.94
F30	18 Aug 2026	1	20.13	91.93	7.7	33.362	8.2	23.5	0.36	0.69
F30	18 Aug 2026	2	20.12	91.88	7.7	33.364	8.2	23.5	0.37	0.69
F30	18 Aug 2026	3	19.76	92.35	7.7	33.374	8.2	23.6	0.38	0.69
F30	18 Aug 2026	4	19.50	92.75	7.8	33.361	8.2	23.6	0.38	0.67
F30	18 Aug 2026	5	19.05	93.30	7.6	33.39	8.2	23.8	0.39	0.65
F30	18 Aug 2026	6	17.01	94.06	8.2	33.355	8.2	24.2	0.34	0.67
F30	18 Aug 2026	7	16.88	94.66	8.2	33.321	8.2	24.3	0.32	0.64
F30	18 Aug 2026	8	16.23	94.67	8.2	33.3	8.2	24.4	0.35	0.65
F30	18 Aug 2026	9	15.93	94.78	8.0	33.295	8.2	24.5	0.37	0.63
F30	18 Aug 2026	10	15.84	94.69	8.0	33.298	8.1	24.5	0.38	0.65
F30	18 Aug 2026	11	15.61	94.49	8.0	33.298	8.1	24.5	0.41	0.66
F30	18 Aug 2026	12	15.50	94.32	7.9	33.304	8.1	24.6	0.44	0.67
F30	18 Aug 2026	13	15.43	94.15	7.8	33.306	8.1	24.6	0.49	0.67
F30	18 Aug 2026	14	15.29	94.10	7.8	33.307	8.1	24.6	0.54	0.68
F30	18 Aug 2026	15	15.18	94.00	7.8	33.309	8.1	24.6	0.60	0.70
F30	18 Aug 2026	16	15.07	93.94	7.8	33.309	8.1	24.7	0.69	0.70
F30	18 Aug 2026	17	14.81	93.84	7.7	33.326	8.1	24.7	0.75	0.69
F30	18 Aug 2026	18	14.69	93.19	7.6	33.32	8.1	24.7	0.95	0.73

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F30	18 Aug 2026	19	14.49	92.70	7.5	33.336	8.1	24.8	1.13	0.74
F30	18 Aug 2026	20	14.42	91.89	7.4	33.329	8.1	24.8	1.67	0.75
F30	18 Aug 2026	21	14.31	91.35	7.3	33.338	8.1	24.8	1.87	0.76
F30	18 Aug 2026	22	14.07	90.09	7.2	33.345	8.1	24.9	2.55	0.78
F30	18 Aug 2026	23	14.07	90.49	7.1	33.346	8.1	24.9	2.68	0.79
F30	18 Aug 2026	24	13.90	90.53	7.0	33.35	8.1	24.9	2.67	0.81
F30	18 Aug 2026	25	13.88	90.63	6.8	33.35	8.0	24.9	2.68	0.86
F30	18 Aug 2026	26	13.75	91.96	6.6	33.356	8.0	25.0	2.46	0.84
F30	18 Aug 2026	27	13.56	94.00	6.5	33.367	8.0	25.0	2.13	0.83
F30	18 Aug 2026	28	13.48	94.76	6.4	33.364	8.0	25.0	1.73	0.80
F30	18 Aug 2026	29	13.43	95.05	6.4	33.364	8.0	25.0	1.50	0.81
F30	18 Aug 2026	30	13.42	95.33	6.4	33.364	8.0	25.0	1.41	0.79
F30	18 Aug 2026	31	13.39	95.46	6.4	33.366	8.0	25.0	1.37	0.82
F30	18 Aug 2026	32	13.33	95.53	6.3	33.37	8.0	25.1	1.37	0.82
F30	18 Aug 2026	33	13.26	95.68	6.3	33.376	8.0	25.1	1.27	0.82
F30	18 Aug 2026	34	13.18	95.98	6.2	33.385	8.0	25.1	1.24	0.80
F30	18 Aug 2026	35	13.13	96.02	6.1	33.387	8.0	25.1	1.30	0.80
F30	18 Aug 2026	36	13.12	95.99	6.0	33.389	8.0	25.1	1.34	0.80
F30	18 Aug 2026	37	13.11	95.93	6.0	33.391	8.0	25.1	1.36	0.80
F30	18 Aug 2026	38	13.09	95.87	6.0	33.395	8.0	25.1	1.38	0.80
F30	18 Aug 2026	39	13.05	95.83	6.0	33.397	8.0	25.1	1.39	0.80
F30	18 Aug 2026	40	13.05	95.83	5.9	33.397	8.0	25.1	1.39	0.82
F30	18 Aug 2026	41	13.01	95.84	5.9	33.4	8.0	25.2	1.40	0.81
F30	18 Aug 2026	42	13.00	95.94	5.8	33.401	8.0	25.2	1.31	0.80
F30	18 Aug 2026	43	12.98	96.06	5.8	33.402	8.0	25.2	1.33	0.81
F30	18 Aug 2026	44	12.97	96.16	5.8	33.402	8.0	25.2	1.27	0.80
F30	18 Aug 2026	45	12.87	96.20	5.7	33.416	8.0	25.2	1.23	0.81
F30	18 Aug 2026	46	12.81	96.78	5.6	33.417	7.9	25.2	1.07	0.81
F30	18 Aug 2026	47	12.78	97.00	5.6	33.418	7.9	25.2	1.04	0.82
F30	18 Aug 2026	48	12.77	97.00	5.6	33.418	7.9	25.2	0.98	0.82
F30	18 Aug 2026	49	12.76	97.04	5.6	33.418	7.9	25.2	0.98	0.82
F30	18 Aug 2026	50	12.72	97.10	5.6	33.42	7.9	25.2	0.95	0.82
F30	18 Aug 2026	51	12.70	97.25	5.6	33.421	7.9	25.2	0.92	0.83
F30	18 Aug 2026	52	12.64	97.42	5.5	33.432	7.9	25.2	0.90	0.82
F30	18 Aug 2026	53	12.54	97.57	5.4	33.442	7.9	25.3	0.78	0.81
F30	18 Aug 2026	54	12.53	97.64	5.4	33.44	7.9	25.3	0.70	0.83
F30	18 Aug 2026	55	12.52	97.66	5.4	33.44	7.9	25.3	0.71	0.82
F30	18 Aug 2026	56	12.51	97.68	5.4	33.441	7.9	25.3	0.73	0.82
F30	18 Aug 2026	57	12.48	97.72	5.4	33.445	7.9	25.3	0.73	0.82
F30	18 Aug 2026	58	12.43	97.76	5.3	33.451	7.9	25.3	0.67	0.82
F30	18 Aug 2026	59	12.39	97.82	5.3	33.459	7.9	25.3	0.66	0.83
F30	18 Aug 2026	60	12.37	97.94	5.3	33.462	7.9	25.3	0.58	0.82
F30	18 Aug 2026	61	12.34	98.07	5.2	33.468	7.9	25.3	0.56	0.84
F30	18 Aug 2026	62	12.31	98.09	5.2	33.471	7.9	25.3	0.53	0.82
F30	18 Aug 2026	63	12.29	98.10	5.2	33.474	7.9	25.3	0.50	0.83
F30	18 Aug 2026	64	12.23	98.11	5.1	33.485	7.9	25.4	0.46	0.84
F30	18 Aug 2026	65	12.18	98.13	5.1	33.495	7.9	25.4	0.42	0.84
F30	18 Aug 2026	66	12.10	98.05	5.0	33.508	7.9	25.4	0.35	0.84
F30	18 Aug 2026	67	12.09	97.77	4.9	33.512	7.9	25.4	0.31	0.86
F30	18 Aug 2026	68	12.09	98.12	4.9	33.512	7.9	25.4	0.32	0.85
F30	18 Aug 2026	69	12.07	98.22	4.9	33.517	7.9	25.4	0.33	0.84
F30	18 Aug 2026	70	12.05	98.16	4.9	33.519	7.9	25.4	0.29	0.85
F30	18 Aug 2026	71	12.05	98.18	4.9	33.52	7.9	25.4	0.29	0.85
F30	18 Aug 2026	72	12.04	98.22	4.9	33.523	7.9	25.4	0.30	0.84
F30	18 Aug 2026	73	12.03	98.18	4.9	33.524	7.9	25.4	0.30	0.85
F30	18 Aug 2026	74	12.03	98.18	4.8	33.525	7.9	25.4	0.30	0.85
F30	18 Aug 2026	75	12.02	98.21	4.8	33.526	7.9	25.4	0.29	0.85
F30	18 Aug 2026	76	12.00	98.22	4.8	33.532	7.9	25.4	0.30	0.84
F30	18 Aug 2026	77	11.98	98.15	4.8	33.535	7.9	25.5	0.27	0.85
F30	18 Aug 2026	78	11.96	98.15	4.8	33.536	7.9	25.5	0.26	0.85
F30	18 Aug 2026	79	11.96	98.20	4.8	33.538	7.8	25.5	0.28	0.86
F30	18 Aug 2026	80	11.93	98.25	4.8	33.543	7.8	25.5	0.25	0.86
F30	18 Aug 2026	81	11.90	98.26	4.7	33.553	7.8	25.5	0.26	0.84
F30	18 Aug 2026	82	11.87	98.15	4.7	33.563	7.8	25.5	0.24	0.85
F30	18 Aug 2026	83	11.82	98.22	4.6	33.576	7.8	25.5	0.22	0.86
F30	18 Aug 2026	84	11.80	98.20	4.6	33.579	7.8	25.5	0.22	0.86
F30	18 Aug 2026	85	11.76	98.18	4.6	33.586	7.8	25.5	0.21	0.86
F30	18 Aug 2026	86	11.75	98.12	4.6	33.586	7.8	25.5	0.21	0.87
F30	18 Aug 2026	87	11.72	98.13	4.5	33.592	7.8	25.5	0.19	0.86
F30	18 Aug 2026	88	11.72	98.14	4.5	33.592	7.8	25.5	0.19	0.86
F30	18 Aug 2026	89	11.65	97.94	4.5	33.605	7.8	25.6	0.19	0.87
F30	18 Aug 2026	90	11.57	97.67	4.4	33.621	7.8	25.6	0.17	0.87
F30	18 Aug 2026	91	11.44	97.78	4.3	33.65	7.8	25.6	0.15	0.88
F30	18 Aug 2026	92	11.35	98.04	4.2	33.665	7.8	25.7	0.13	0.85

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F30	18 Aug 2026	93	11.28	98.37	4.2	33.69	7.8	25.7	0.14	0.87
F30	18 Aug 2026	94	11.14	98.36	4.0	33.736	7.8	25.8	0.12	0.88
F30	18 Aug 2026	95	11.03	98.38	3.9	33.773	7.8	25.8	0.10	0.89
F30	18 Aug 2026	96	11.03	98.22	3.8	33.777	7.8	25.8	0.09	0.89
F30	18 Aug 2026	97	10.96	97.86	3.7	33.805	7.8	25.9	0.08	0.89
F30	18 Aug 2026	98	10.97	97.34	3.6	33.802	7.8	25.8	0.08	0.89
F30	18 Aug 2026	99	10.96	97.10	3.6	33.804	7.8	25.9	0.07	0.91
F19	20 Aug 2026	1	20.44	93.54	7.6	33.354	8.2	23.4	0.34	0.69
F19	20 Aug 2026	2	20.44	92.82	7.6	33.354	8.2	23.4	0.33	0.69
F19	20 Aug 2026	3	20.40	93.53	7.6	33.362	8.2	23.4	0.32	0.69
F19	20 Aug 2026	4	20.08	93.66	7.7	33.373	8.2	23.5	0.37	0.67
F19	20 Aug 2026	5	19.49	93.89	7.8	33.374	8.2	23.7	0.37	0.66
F19	20 Aug 2026	6	18.88	94.04	7.9	33.352	8.2	23.8	0.37	0.67
F19	20 Aug 2026	7	18.40	93.91	7.8	33.379	8.2	23.9	0.39	0.70
F19	20 Aug 2026	8	16.91	94.03	8.2	33.34	8.2	24.3	0.39	0.66
F19	20 Aug 2026	9	16.95	94.77	8.2	33.281	8.2	24.2	0.36	0.62
F19	20 Aug 2026	10	16.19	95.17	8.0	33.348	8.2	24.4	0.38	0.64
F19	20 Aug 2026	11	15.60	95.06	8.0	33.312	8.2	24.5	0.40	0.64
F19	20 Aug 2026	12	15.52	94.83	8.1	33.285	8.2	24.5	0.45	0.68
F19	20 Aug 2026	13	15.50	94.75	8.1	33.306	8.2	24.6	0.47	0.68
F19	20 Aug 2026	14	15.24	94.75	8.0	33.291	8.2	24.6	0.50	0.71
F19	20 Aug 2026	15	14.85	94.75	8.0	33.301	8.1	24.7	0.56	0.69
F19	20 Aug 2026	16	14.90	94.48	7.9	33.308	8.1	24.7	0.63	0.71
F19	20 Aug 2026	17	14.51	93.80	7.7	33.328	8.1	24.8	0.74	0.74
F19	20 Aug 2026	18	14.13	93.09	7.3	33.345	8.1	24.9	1.08	0.76
F19	20 Aug 2026	19	13.99	91.66	6.9	33.348	8.1	24.9	1.78	0.80
F19	20 Aug 2026	20	13.96	92.75	6.8	33.348	8.1	24.9	1.70	0.81
F19	20 Aug 2026	21	13.92	93.02	6.7	33.35	8.1	24.9	1.76	0.83
F19	20 Aug 2026	22	13.80	93.18	6.6	33.358	8.0	25.0	1.69	0.82
F19	20 Aug 2026	23	13.80	93.50	6.5	33.358	8.0	25.0	1.55	0.81
F19	20 Aug 2026	24	13.73	94.06	6.4	33.365	8.0	25.0	1.55	0.82
F19	20 Aug 2026	25	13.58	94.71	6.4	33.375	8.0	25.0	1.38	0.83
F19	20 Aug 2026	26	13.45	94.95	6.5	33.369	8.0	25.0	1.46	0.83
F19	20 Aug 2026	27	13.38	94.97	6.3	33.373	8.0	25.1	1.56	0.82
F19	20 Aug 2026	28	13.33	95.45	6.1	33.386	8.0	25.1	1.19	0.84
F19	20 Aug 2026	29	13.34	95.52	5.9	33.385	8.0	25.1	0.94	0.84
F19	20 Aug 2026	30	13.27	95.78	5.9	33.389	8.0	25.1	0.99	0.84
F19	20 Aug 2026	31	13.23	96.05	5.9	33.39	8.0	25.1	1.03	0.85
F19	20 Aug 2026	32	13.08	96.27	6.0	33.393	8.0	25.1	1.08	0.81
F19	20 Aug 2026	33	12.98	96.57	6.0	33.395	8.0	25.2	1.12	0.80
F19	20 Aug 2026	34	12.84	96.89	5.8	33.417	8.0	25.2	1.10	0.78
F19	20 Aug 2026	35	12.80	97.18	5.7	33.42	8.0	25.2	1.04	0.80
F19	20 Aug 2026	36	12.78	97.32	5.7	33.422	8.0	25.2	1.02	0.80
F19	20 Aug 2026	37	12.71	97.37	5.6	33.43	8.0	25.2	1.00	0.80
F19	20 Aug 2026	38	12.67	97.43	5.5	33.433	8.0	25.2	0.89	0.81
F19	20 Aug 2026	39	12.65	97.49	5.5	33.434	8.0	25.2	0.83	0.81
F19	20 Aug 2026	40	12.64	97.65	5.5	33.435	8.0	25.3	0.81	0.80
F19	20 Aug 2026	41	12.63	97.68	5.5	33.435	8.0	25.3	0.80	0.80
F19	20 Aug 2026	42	12.61	97.68	5.5	33.436	8.0	25.3	0.80	0.80
F19	20 Aug 2026	43	12.59	97.66	5.5	33.436	8.0	25.3	0.77	0.79
F19	20 Aug 2026	44	12.57	97.73	5.5	33.438	7.9	25.3	0.72	0.79
F19	20 Aug 2026	45	12.57	97.83	5.5	33.439	7.9	25.3	0.72	0.80
F19	20 Aug 2026	46	12.57	97.83	5.5	33.439	7.9	25.3	0.73	0.81
F19	20 Aug 2026	47	12.57	97.85	5.4	33.439	7.9	25.3	0.72	0.80
F19	20 Aug 2026	48	12.56	97.82	5.4	33.442	7.9	25.3	0.71	0.81
F19	20 Aug 2026	49	12.56	97.82	5.4	33.443	7.9	25.3	0.71	0.83
F19	20 Aug 2026	50	12.53	97.87	5.4	33.447	7.9	25.3	0.68	0.81
F19	20 Aug 2026	51	12.53	97.88	5.4	33.446	7.9	25.3	0.67	0.81
F19	20 Aug 2026	52	12.49	97.85	5.4	33.452	7.9	25.3	0.66	0.82
F19	20 Aug 2026	53	12.46	97.89	5.3	33.457	7.9	25.3	0.61	0.81
F19	20 Aug 2026	54	12.46	97.88	5.3	33.455	7.9	25.3	0.58	0.81
F19	20 Aug 2026	55	12.40	97.93	5.2	33.464	7.9	25.3	0.58	0.81
F19	20 Aug 2026	56	12.30	97.97	5.2	33.482	7.9	25.4	0.51	0.82
F19	20 Aug 2026	57	12.21	98.03	5.1	33.498	7.9	25.4	0.44	0.82
F19	20 Aug 2026	58	12.16	98.29	5.0	33.497	7.9	25.4	0.38	0.83
F19	20 Aug 2026	59	12.03	97.53	4.8	33.5	7.9	25.4	0.29	0.90
F19	20 Aug 2026	60	12.02	96.65	4.8	33.501	7.9	25.4	0.25	0.93
F19	20 Aug 2026	61	11.99	96.43	4.7	33.513	7.9	25.4	0.23	0.93
F19	20 Aug 2026	62	11.98	96.78	4.7	33.519	7.9	25.4	0.22	0.92
F19	20 Aug 2026	63	11.99	97.50	4.8	33.519	7.9	25.4	0.22	0.90
F19	20 Aug 2026	64	11.97	97.60	4.7	33.529	7.9	25.5	0.21	0.90
F19	20 Aug 2026	65	11.93	97.88	4.7	33.543	7.9	25.5	0.20	0.89
F19	20 Aug 2026	66	11.90	98.07	4.7	33.546	7.9	25.5	0.20	0.87

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F19	20 Aug 2026	67	11.89	98.03	4.7	33.546	7.9	25.5	0.20	0.88
F19	20 Aug 2026	68	11.83	98.04	4.6	33.555	7.9	25.5	0.20	0.88
F19	20 Aug 2026	69	11.83	98.00	4.6	33.554	7.9	25.5	0.21	0.86
F19	20 Aug 2026	70	11.82	97.98	4.6	33.555	7.9	25.5	0.20	0.86
F19	20 Aug 2026	71	11.82	97.98	4.7	33.555	7.9	25.5	0.20	0.89
F19	20 Aug 2026	72	11.81	97.96	4.6	33.555	7.9	25.5	0.20	0.86
F19	20 Aug 2026	73	11.81	97.84	4.6	33.557	7.9	25.5	0.20	0.87
F19	20 Aug 2026	74	11.80	97.71	4.6	33.558	7.9	25.5	0.21	0.86
F19	20 Aug 2026	75	11.79	97.57	4.6	33.56	7.9	25.5	0.20	0.88
F19	20 Aug 2026	76	11.77	97.34	4.6	33.562	7.9	25.5	0.21	0.88
F19	20 Aug 2026	77	11.75	97.04	4.6	33.565	7.9	25.5	0.20	0.89
F19	20 Aug 2026	78	11.70	96.74	4.5	33.577	7.8	25.5	0.19	0.87
F19	20 Aug 2026	79	11.69	96.26	4.5	33.578	7.8	25.5	0.19	0.88
F19	20 Aug 2026	80	11.57	95.03	4.4	33.605	7.8	25.6	0.19	0.88
F19	20 Aug 2026	81	11.52	94.64	4.4	33.61	7.8	25.6	0.17	0.89
F19	20 Aug 2026	82	11.52	94.44	4.4	33.61	7.8	25.6	0.18	0.88
F19	20 Aug 2026	83	11.51	94.19	4.3	33.611	7.8	25.6	0.17	0.90
F08	19 Aug 2026	1	20.02	91.91	7.5	33.352	8.1	23.5	0.38	0.80
F08	19 Aug 2026	2	20.02	91.92	7.5	33.352	8.1	23.5	0.39	0.79
F08	19 Aug 2026	3	19.83	90.91	7.6	33.36	8.1	23.6	0.42	0.80
F08	19 Aug 2026	4	19.18	91.82	7.6	33.376	8.1	23.7	0.45	0.79
F08	19 Aug 2026	5	18.34	92.16	7.8	33.343	8.1	23.9	0.49	0.74
F08	19 Aug 2026	6	18.03	92.59	7.9	33.334	8.1	24.0	0.50	0.72
F08	19 Aug 2026	7	17.82	92.85	7.9	33.325	8.1	24.0	0.50	0.72
F08	19 Aug 2026	8	17.07	93.11	7.9	33.336	8.1	24.2	0.51	0.70
F08	19 Aug 2026	9	16.23	93.81	8.1	33.304	8.1	24.4	0.43	0.68
F08	19 Aug 2026	10	15.82	93.88	8.0	33.308	8.1	24.5	0.49	0.71
F08	19 Aug 2026	11	15.68	92.23	7.9	33.303	8.1	24.5	0.79	0.76
F08	19 Aug 2026	12	15.45	90.91	7.8	33.308	8.1	24.6	1.14	0.81
F08	19 Aug 2026	13	15.24	89.71	7.7	33.31	8.1	24.6	1.50	0.84
F08	19 Aug 2026	14	15.27	89.62	7.5	33.308	8.1	24.6	1.73	0.85
F08	19 Aug 2026	15	14.64	90.12	7.3	33.349	8.1	24.8	1.67	0.81
F08	19 Aug 2026	16	14.29	90.39	7.2	33.329	8.1	24.8	1.89	0.84
F08	19 Aug 2026	17	14.09	90.97	6.9	33.333	8.1	24.9	2.10	0.83
F08	19 Aug 2026	18	13.94	92.19	6.7	33.343	8.0	24.9	1.71	0.85
F08	19 Aug 2026	19	13.92	94.09	6.5	33.344	8.0	24.9	1.27	0.87
F08	19 Aug 2026	20	13.81	94.86	6.4	33.353	8.0	25.0	1.19	0.87
F08	19 Aug 2026	21	13.74	95.18	6.3	33.359	8.0	25.0	1.00	0.85
F08	19 Aug 2026	22	13.73	95.24	6.3	33.362	8.0	25.0	0.94	0.86
F08	19 Aug 2026	23	13.69	95.22	6.2	33.363	8.0	25.0	0.94	0.87
F08	19 Aug 2026	24	13.65	95.38	6.2	33.365	8.0	25.0	0.90	0.87
F08	19 Aug 2026	25	13.61	95.72	6.2	33.369	8.0	25.0	0.89	0.85
F08	19 Aug 2026	26	13.58	95.84	6.1	33.374	8.0	25.0	0.88	0.84
F08	19 Aug 2026	27	13.46	95.71	6.0	33.378	8.0	25.0	0.83	0.87
F08	19 Aug 2026	28	13.40	95.53	5.9	33.381	8.0	25.1	0.78	0.86
F08	19 Aug 2026	29	13.33	95.66	5.9	33.383	8.0	25.1	0.81	0.86
F08	19 Aug 2026	30	13.36	96.14	5.9	33.383	8.0	25.1	0.84	0.85
F08	19 Aug 2026	31	13.22	96.13	5.8	33.393	8.0	25.1	0.83	0.85
F08	19 Aug 2026	32	13.21	95.79	5.8	33.393	8.0	25.1	0.75	0.85
F08	19 Aug 2026	33	13.12	95.62	5.7	33.404	8.0	25.1	0.73	0.85
F08	19 Aug 2026	34	13.03	95.68	5.7	33.411	8.0	25.2	0.56	0.84
F08	19 Aug 2026	35	12.93	95.97	5.6	33.418	8.0	25.2	0.53	0.85
F08	19 Aug 2026	36	12.91	96.08	5.6	33.417	8.0	25.2	0.50	0.83
F08	19 Aug 2026	37	12.92	96.21	5.6	33.416	8.0	25.2	0.52	0.85
F08	19 Aug 2026	38	12.82	96.29	5.5	33.426	7.9	25.2	0.50	0.85
F08	19 Aug 2026	39	12.75	96.37	5.4	33.432	7.9	25.2	0.48	0.86
F08	19 Aug 2026	40	12.69	96.26	5.3	33.437	7.9	25.2	0.47	0.86
F08	19 Aug 2026	41	12.66	96.64	5.3	33.437	7.9	25.2	0.44	0.86
F08	19 Aug 2026	42	12.65	97.22	5.3	33.437	7.9	25.3	0.44	0.85
F08	19 Aug 2026	43	12.63	97.26	5.3	33.439	7.9	25.3	0.41	0.87
F08	19 Aug 2026	44	12.58	97.26	5.2	33.446	7.9	25.3	0.39	0.87
F08	19 Aug 2026	45	12.48	97.25	5.2	33.454	7.9	25.3	0.35	0.86
F08	19 Aug 2026	46	12.45	97.28	5.1	33.453	7.9	25.3	0.29	0.90
F08	19 Aug 2026	47	12.41	97.18	5.0	33.455	7.9	25.3	0.28	0.91
F08	19 Aug 2026	48	12.41	97.12	5.0	33.454	7.9	25.3	0.26	0.90
F08	19 Aug 2026	49	12.38	97.02	5.0	33.457	7.9	25.3	0.26	0.90
F08	19 Aug 2026	50	12.36	96.45	5.0	33.463	7.9	25.3	0.25	0.93
F08	19 Aug 2026	51	12.35	96.01	4.9	33.464	7.9	25.3	0.24	0.93
F08	19 Aug 2026	52	12.34	95.74	4.9	33.465	7.9	25.3	0.25	0.93
F08	19 Aug 2026	53	12.33	95.26	4.9	33.466	7.9	25.3	0.25	0.93
F08	19 Aug 2026	54	12.33	94.85	4.9	33.468	7.9	25.3	0.24	0.94
F08	19 Aug 2026	55	12.33	94.32	4.9	33.47	7.9	25.3	0.26	0.94
F08	19 Aug 2026	56	12.33	93.52	4.9	33.47	7.9	25.3	0.26	0.93

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F08	19 Aug 2026	57	12.33	93.10	4.9	33.471	7.9	25.3	0.26	0.93
F08	19 Aug 2026	58	12.33	92.62	4.9	33.472	7.9	25.3	0.25	0.94
F08	19 Aug 2026	59	12.33	92.51	4.8	33.472	7.9	25.3	0.26	0.94
F08	19 Aug 2026	60	12.31	91.32	4.8	33.476	7.9	25.3	0.26	0.95
F08	19 Aug 2026	61	12.30	89.46	4.8	33.477	7.9	25.3	0.27	0.95
F08	19 Aug 2026	62	12.27	88.85	4.8	33.481	7.9	25.4	0.25	0.99
F31	18 Aug 2026	1	20.47	92.90	7.6	33.375	8.2	23.4	0.29	0.60
F31	18 Aug 2026	2	20.47	92.80	7.6	33.375	8.2	23.4	0.29	0.62
F31	18 Aug 2026	3	20.38	93.13	7.6	33.377	8.2	23.4	0.32	0.65
F31	18 Aug 2026	4	20.15	92.44	7.7	33.365	8.2	23.5	0.36	0.65
F31	18 Aug 2026	5	20.03	93.06	7.6	33.369	8.2	23.5	0.37	0.66
F31	18 Aug 2026	6	19.93	93.29	7.6	33.371	8.2	23.5	0.38	0.66
F31	18 Aug 2026	7	19.36	93.85	7.7	33.389	8.2	23.7	0.35	0.63
F31	18 Aug 2026	8	18.27	94.66	8.0	33.36	8.2	24.0	0.32	0.63
F31	18 Aug 2026	9	17.66	94.73	8.1	33.334	8.2	24.1	0.33	0.63
F31	18 Aug 2026	10	17.33	94.73	8.1	33.321	8.2	24.1	0.34	0.62
F31	18 Aug 2026	11	17.00	94.71	8.2	33.308	8.2	24.2	0.36	0.62
F31	18 Aug 2026	12	16.60	94.83	8.1	33.321	8.2	24.3	0.37	0.63
F31	18 Aug 2026	13	15.87	94.89	8.2	33.313	8.2	24.5	0.37	0.63
F31	18 Aug 2026	14	15.55	94.49	8.3	33.304	8.2	24.5	0.42	0.67
F31	18 Aug 2026	15	15.41	94.24	8.2	33.301	8.2	24.6	0.49	0.67
F31	18 Aug 2026	16	15.31	94.33	8.2	33.307	8.2	24.6	0.56	0.68
F31	18 Aug 2026	17	15.14	94.45	8.0	33.305	8.1	24.6	0.62	0.68
F31	18 Aug 2026	18	15.02	94.42	8.0	33.313	8.1	24.7	0.66	0.69
F31	18 Aug 2026	19	14.95	94.21	7.9	33.312	8.1	24.7	0.73	0.70
F31	18 Aug 2026	20	14.86	94.11	8.0	33.317	8.1	24.7	0.78	0.72
F31	18 Aug 2026	21	14.74	94.12	7.8	33.325	8.1	24.7	0.82	0.72
F31	18 Aug 2026	22	14.59	93.86	7.7	33.332	8.1	24.8	0.88	0.77
F31	18 Aug 2026	23	14.36	93.58	7.6	33.34	8.1	24.8	0.97	0.77
F31	18 Aug 2026	24	14.16	93.16	7.5	33.331	8.1	24.9	1.24	0.79
F31	18 Aug 2026	25	14.07	93.64	7.3	33.333	8.1	24.9	1.32	0.79
F31	18 Aug 2026	26	13.91	94.35	7.2	33.331	8.1	24.9	1.24	0.80
F31	18 Aug 2026	27	13.70	94.84	7.0	33.355	8.1	25.0	1.21	0.82
F31	18 Aug 2026	28	13.55	95.11	6.8	33.353	8.0	25.0	1.22	0.79
F31	18 Aug 2026	29	13.51	95.32	6.7	33.355	8.0	25.0	1.28	0.80
F31	18 Aug 2026	30	13.40	95.41	6.5	33.363	8.0	25.0	1.30	0.81
F31	18 Aug 2026	31	13.34	95.66	6.4	33.371	8.0	25.1	1.29	0.79
F31	18 Aug 2026	32	13.28	95.57	6.3	33.379	8.0	25.1	1.43	0.79
F31	18 Aug 2026	33	13.26	95.50	6.2	33.383	8.0	25.1	1.48	0.82
F31	18 Aug 2026	34	13.16	95.25	6.1	33.394	8.0	25.1	1.57	0.81
F31	18 Aug 2026	35	13.15	95.28	6.0	33.393	8.0	25.1	1.58	0.82
F31	18 Aug 2026	36	13.10	95.48	6.0	33.397	8.0	25.1	1.49	0.80
F31	18 Aug 2026	37	13.06	95.73	5.9	33.4	8.0	25.1	1.47	0.80
F31	18 Aug 2026	38	13.02	95.88	5.9	33.401	8.0	25.1	1.35	0.81
F31	18 Aug 2026	39	13.01	96.00	5.9	33.403	8.0	25.2	1.33	0.81
F31	18 Aug 2026	40	12.96	96.23	5.8	33.406	8.0	25.2	1.33	0.82
F31	18 Aug 2026	41	12.94	96.25	5.8	33.407	8.0	25.2	1.19	0.80
F31	18 Aug 2026	42	12.93	96.32	5.8	33.409	8.0	25.2	1.20	0.82
F31	18 Aug 2026	43	12.86	96.49	5.7	33.415	8.0	25.2	1.12	0.82
F31	18 Aug 2026	44	12.79	96.65	5.6	33.421	7.9	25.2	1.03	0.82
F31	18 Aug 2026	45	12.78	96.91	5.6	33.421	7.9	25.2	1.01	0.81
F31	18 Aug 2026	46	12.74	96.96	5.6	33.423	7.9	25.2	0.92	0.83
F31	18 Aug 2026	47	12.73	97.11	5.6	33.424	7.9	25.2	0.88	0.83
F31	18 Aug 2026	48	12.69	97.16	5.5	33.429	7.9	25.2	0.83	0.79
F31	18 Aug 2026	49	12.69	97.20	5.5	33.429	7.9	25.2	0.84	0.83
F31	18 Aug 2026	50	12.66	97.24	5.5	33.431	7.9	25.2	0.82	0.83
F31	18 Aug 2026	51	12.62	97.30	5.5	33.436	7.9	25.3	0.76	0.82
F31	18 Aug 2026	52	12.57	97.42	5.4	33.444	7.9	25.3	0.78	0.82
F31	18 Aug 2026	53	12.49	97.52	5.4	33.451	7.9	25.3	0.69	0.83
F31	18 Aug 2026	54	12.46	97.58	5.3	33.451	7.9	25.3	0.61	0.83
F31	18 Aug 2026	55	12.46	97.69	5.3	33.45	7.9	25.3	0.59	0.83
F31	18 Aug 2026	56	12.43	97.76	5.3	33.457	7.9	25.3	0.62	0.81
F31	18 Aug 2026	57	12.37	97.88	5.3	33.463	7.9	25.3	0.55	0.83
F31	18 Aug 2026	58	12.37	97.95	5.3	33.462	7.9	25.3	0.54	0.83
F31	18 Aug 2026	59	12.36	97.97	5.3	33.464	7.9	25.3	0.53	0.81
F31	18 Aug 2026	60	12.36	97.98	5.3	33.464	7.9	25.3	0.56	0.83
F31	18 Aug 2026	61	12.34	98.01	5.2	33.468	7.9	25.3	0.51	0.83
F31	18 Aug 2026	62	12.33	97.99	5.2	33.469	7.9	25.3	0.51	0.83
F31	18 Aug 2026	63	12.30	98.01	5.2	33.476	7.9	25.3	0.49	0.81
F31	18 Aug 2026	64	12.30	98.12	5.2	33.476	7.9	25.3	0.47	0.83
F31	18 Aug 2026	65	12.26	98.15	5.2	33.482	7.9	25.4	0.49	0.83
F31	18 Aug 2026	66	12.23	98.13	5.1	33.485	7.9	25.4	0.45	0.83
F31	18 Aug 2026	67	12.22	98.15	5.1	33.486	7.9	25.4	0.45	0.84

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F31	18 Aug 2026	68	12.19	98.15	5.0	33.491	7.9	25.4	0.40	0.83
F31	18 Aug 2026	69	12.18	98.13	5.0	33.493	7.9	25.4	0.40	0.84
F31	18 Aug 2026	70	12.11	98.17	5.0	33.508	7.9	25.4	0.38	0.84
F31	18 Aug 2026	71	12.08	98.22	5.0	33.511	7.9	25.4	0.33	0.84
F31	18 Aug 2026	72	12.08	98.24	5.0	33.511	7.9	25.4	0.32	0.85
F31	18 Aug 2026	73	12.08	98.23	5.0	33.512	7.9	25.4	0.32	0.84
F31	18 Aug 2026	74	12.07	98.24	4.9	33.513	7.9	25.4	0.31	0.84
F31	18 Aug 2026	75	12.06	98.21	4.9	33.516	7.9	25.4	0.30	0.85
F31	18 Aug 2026	76	12.06	98.23	4.9	33.517	7.9	25.4	0.32	0.85
F31	18 Aug 2026	77	12.01	98.22	4.8	33.527	7.9	25.4	0.30	0.85
F31	18 Aug 2026	78	11.97	98.24	4.8	33.536	7.9	25.5	0.27	0.85
F31	18 Aug 2026	79	11.95	98.26	4.8	33.54	7.8	25.5	0.25	0.85
F31	18 Aug 2026	80	11.95	98.25	4.8	33.541	7.8	25.5	0.26	0.86
F31	18 Aug 2026	81	11.93	98.24	4.7	33.547	7.8	25.5	0.25	0.86
F31	18 Aug 2026	82	11.88	98.24	4.7	33.554	7.8	25.5	0.26	0.86
F31	18 Aug 2026	83	11.85	98.30	4.7	33.556	7.8	25.5	0.22	0.86
F31	18 Aug 2026	84	11.84	98.27	4.7	33.559	7.8	25.5	0.22	0.87
F31	18 Aug 2026	85	11.81	98.35	4.6	33.568	7.8	25.5	0.21	0.86
F31	18 Aug 2026	86	11.77	98.34	4.6	33.573	7.8	25.5	0.20	0.84
F31	18 Aug 2026	87	11.77	98.39	4.6	33.571	7.8	25.5	0.22	0.86
F31	18 Aug 2026	88	11.75	98.45	4.6	33.577	7.8	25.5	0.21	0.86
F31	18 Aug 2026	89	11.73	98.43	4.6	33.584	7.8	25.5	0.20	0.85
F31	18 Aug 2026	90	11.71	98.34	4.6	33.588	7.8	25.5	0.19	0.85
F31	18 Aug 2026	91	11.66	98.22	4.5	33.599	7.8	25.6	0.19	0.86
F31	18 Aug 2026	92	11.48	98.23	4.4	33.642	7.8	25.6	0.17	0.86
F31	18 Aug 2026	93	11.47	98.13	4.3	33.637	7.8	25.6	0.15	0.86
F31	18 Aug 2026	94	11.34	98.34	4.3	33.67	7.8	25.7	0.15	0.86
F31	18 Aug 2026	95	11.29	98.52	4.2	33.687	7.8	25.7	0.14	0.86
F31	18 Aug 2026	96	11.24	98.17	4.1	33.704	7.8	25.7	0.13	0.88
F31	18 Aug 2026	97	11.11	97.78	3.9	33.757	7.8	25.8	0.12	0.87
F31	18 Aug 2026	98	11.05	97.53	3.8	33.778	7.8	25.8	0.10	0.88
F31	18 Aug 2026	99	11.01	97.41	3.7	33.795	7.8	25.8	0.09	0.89
F20	20 Aug 2026	1	20.75	93.77	7.6	33.366	8.2	23.3	0.35	0.66
F20	20 Aug 2026	2	20.71	93.89	7.6	33.369	8.2	23.3	0.34	0.65
F20	20 Aug 2026	3	20.52	93.83	7.6	33.375	8.2	23.4	0.36	0.64
F20	20 Aug 2026	4	20.12	93.70	7.6	33.393	8.2	23.5	0.43	0.67
F20	20 Aug 2026	5	18.98	93.81	7.9	33.383	8.2	23.8	0.44	0.65
F20	20 Aug 2026	6	17.75	93.78	7.8	33.397	8.2	24.1	0.43	0.64
F20	20 Aug 2026	7	16.36	93.84	8.1	33.331	8.2	24.4	0.43	0.70
F20	20 Aug 2026	8	16.23	94.66	8.1	33.299	8.2	24.4	0.38	0.65
F20	20 Aug 2026	9	15.96	95.09	8.2	33.29	8.2	24.4	0.40	0.67
F20	20 Aug 2026	10	15.70	94.95	8.1	33.293	8.2	24.5	0.41	0.65
F20	20 Aug 2026	11	15.77	94.89	8.1	33.283	8.2	24.5	0.45	0.66
F20	20 Aug 2026	12	15.60	94.80	8.1	33.296	8.2	24.5	0.45	0.66
F20	20 Aug 2026	13	15.53	94.76	8.1	33.294	8.2	24.5	0.52	0.67
F20	20 Aug 2026	14	15.31	94.76	8.0	33.314	8.2	24.6	0.55	0.67
F20	20 Aug 2026	15	14.76	94.87	7.9	33.302	8.1	24.7	0.57	0.70
F20	20 Aug 2026	16	14.49	94.63	7.8	33.308	8.1	24.8	0.66	0.72
F20	20 Aug 2026	17	14.36	94.31	7.7	33.305	8.1	24.8	0.71	0.74
F20	20 Aug 2026	18	14.08	93.90	7.6	33.324	8.1	24.9	1.00	0.76
F20	20 Aug 2026	19	13.94	92.73	7.5	33.322	8.1	24.9	1.86	0.78
F20	20 Aug 2026	20	13.88	92.76	7.4	33.324	8.1	24.9	1.77	0.77
F20	20 Aug 2026	21	13.86	93.15	7.4	33.325	8.1	24.9	1.78	0.80
F20	20 Aug 2026	22	13.85	93.42	7.3	33.326	8.1	24.9	1.77	0.79
F20	20 Aug 2026	23	13.81	93.62	7.2	33.332	8.1	24.9	1.80	0.82
F20	20 Aug 2026	24	13.73	93.75	7.1	33.344	8.1	25.0	1.77	0.82
F20	20 Aug 2026	25	13.59	93.85	6.8	33.366	8.1	25.0	1.86	0.81
F20	20 Aug 2026	26	13.50	93.82	6.6	33.372	8.0	25.0	2.01	0.79
F20	20 Aug 2026	27	13.40	94.08	6.5	33.38	8.0	25.1	1.97	0.80
F20	20 Aug 2026	28	13.33	94.13	6.4	33.383	8.0	25.1	1.96	0.80
F20	20 Aug 2026	29	13.27	94.33	6.4	33.377	8.0	25.1	1.82	0.81
F20	20 Aug 2026	30	13.25	94.86	6.4	33.376	8.0	25.1	1.67	0.81
F20	20 Aug 2026	31	13.25	95.14	6.3	33.376	8.0	25.1	1.67	0.80
F20	20 Aug 2026	32	13.23	95.28	6.3	33.377	8.0	25.1	1.63	0.81
F20	20 Aug 2026	33	13.22	95.39	6.3	33.376	8.0	25.1	1.62	0.81
F20	20 Aug 2026	34	13.12	95.44	6.2	33.391	8.0	25.1	1.57	0.80
F20	20 Aug 2026	35	13.08	95.55	6.0	33.394	8.0	25.1	1.51	0.81
F20	20 Aug 2026	36	13.00	95.85	5.9	33.405	8.0	25.2	1.45	0.81
F20	20 Aug 2026	37	13.01	95.94	5.9	33.402	8.0	25.2	1.38	0.80
F20	20 Aug 2026	38	12.90	96.06	5.8	33.418	8.0	25.2	1.35	0.82
F20	20 Aug 2026	39	12.83	96.38	5.7	33.421	8.0	25.2	1.18	0.82
F20	20 Aug 2026	40	12.78	96.80	5.6	33.423	8.0	25.2	1.02	0.81
F20	20 Aug 2026	41	12.79	96.96	5.6	33.42	8.0	25.2	0.96	0.82

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F20	20 Aug 2026	42	12.78	97.12	5.6	33.425	8.0	25.2	0.98	0.83
F20	20 Aug 2026	43	12.76	97.19	5.6	33.426	8.0	25.2	0.91	0.82
F20	20 Aug 2026	44	12.73	97.22	5.5	33.435	8.0	25.2	0.87	0.80
F20	20 Aug 2026	45	12.72	97.30	5.5	33.448	7.9	25.2	0.77	0.82
F20	20 Aug 2026	46	12.71	97.58	5.4	33.452	7.9	25.3	0.71	0.82
F20	20 Aug 2026	47	12.59	97.66	5.4	33.457	7.9	25.3	0.67	0.82
F20	20 Aug 2026	48	12.51	97.70	5.4	33.454	7.9	25.3	0.66	0.84
F20	20 Aug 2026	49	12.41	97.72	5.3	33.466	7.9	25.3	0.66	0.83
F20	20 Aug 2026	50	12.35	97.80	5.3	33.472	7.9	25.3	0.54	0.81
F20	20 Aug 2026	51	12.32	97.88	5.2	33.477	7.9	25.3	0.50	0.82
F20	20 Aug 2026	52	12.26	98.01	5.1	33.485	7.9	25.4	0.45	0.85
F20	20 Aug 2026	53	12.23	98.06	5.1	33.49	7.9	25.4	0.38	0.84
F20	20 Aug 2026	54	12.22	98.02	5.1	33.491	7.9	25.4	0.38	0.85
F20	20 Aug 2026	55	12.20	98.10	5.1	33.495	7.9	25.4	0.35	0.85
F20	20 Aug 2026	56	12.19	98.17	5.0	33.499	7.9	25.4	0.36	0.84
F20	20 Aug 2026	57	12.12	98.20	5.0	33.506	7.9	25.4	0.35	0.85
F20	20 Aug 2026	58	12.03	98.19	5.0	33.512	7.9	25.4	0.31	0.84
F20	20 Aug 2026	59	12.01	98.13	5.0	33.514	7.9	25.4	0.29	0.82
F20	20 Aug 2026	60	11.97	98.11	4.9	33.523	7.9	25.4	0.28	0.82
F20	20 Aug 2026	61	11.95	98.04	4.9	33.527	7.9	25.5	0.26	0.83
F20	20 Aug 2026	62	11.95	98.03	4.8	33.531	7.9	25.5	0.25	0.85
F20	20 Aug 2026	63	11.94	98.09	4.8	33.534	7.9	25.5	0.22	0.86
F20	20 Aug 2026	64	11.95	98.11	4.8	33.534	7.9	25.5	0.22	0.86
F20	20 Aug 2026	65	11.93	98.18	4.7	33.541	7.9	25.5	0.21	0.87
F20	20 Aug 2026	66	11.91	98.18	4.7	33.542	7.9	25.5	0.21	0.87
F20	20 Aug 2026	67	11.87	98.17	4.7	33.549	7.9	25.5	0.22	0.87
F20	20 Aug 2026	68	11.84	98.16	4.7	33.553	7.9	25.5	0.22	0.86
F20	20 Aug 2026	69	11.81	98.08	4.7	33.556	7.9	25.5	0.20	0.85
F20	20 Aug 2026	70	11.84	98.02	4.7	33.551	7.9	25.5	0.22	0.88
F20	20 Aug 2026	71	11.79	97.81	4.6	33.558	7.9	25.5	0.21	0.85
F20	20 Aug 2026	72	11.80	97.84	4.7	33.557	7.9	25.5	0.22	0.84
F20	20 Aug 2026	73	11.77	97.84	4.6	33.562	7.9	25.5	0.22	0.86
F20	20 Aug 2026	74	11.66	97.60	4.6	33.583	7.9	25.6	0.20	0.86
F20	20 Aug 2026	75	11.62	96.80	4.5	33.581	7.8	25.6	0.20	0.85
F20	20 Aug 2026	76	11.53	96.44	4.5	33.605	7.8	25.6	0.21	0.87
F20	20 Aug 2026	77	11.48	95.53	4.4	33.611	7.8	25.6	0.17	0.88
F20	20 Aug 2026	78	11.45	94.68	4.4	33.616	7.8	25.6	0.17	0.89
F20	20 Aug 2026	79	11.43	93.90	4.3	33.618	7.8	25.6	0.17	0.91
F20	20 Aug 2026	80	11.41	93.25	4.3	33.624	7.8	25.6	0.17	0.89
F20	20 Aug 2026	81	11.42	93.32	4.3	33.622	7.8	25.6	0.17	0.91
F20	20 Aug 2026	82	11.40	92.66	4.3	33.628	7.8	25.6	0.16	0.91
F09	19 Aug 2026	1	20.30	91.93	7.5	33.354	8.1	23.4	0.33	0.72
F09	19 Aug 2026	2	20.31	92.10	7.5	33.354	8.1	23.4	0.34	0.72
F09	19 Aug 2026	3	20.24	92.44	7.4	33.36	8.1	23.4	0.36	0.71
F09	19 Aug 2026	4	19.91	92.34	7.5	33.35	8.1	23.5	0.42	0.76
F09	19 Aug 2026	5	19.42	91.37	7.6	33.376	8.1	23.7	0.49	0.73
F09	19 Aug 2026	6	18.73	91.52	7.8	33.346	8.1	23.8	0.52	0.75
F09	19 Aug 2026	7	18.29	92.15	7.8	33.34	8.1	23.9	0.52	0.75
F09	19 Aug 2026	8	17.71	92.82	7.9	33.319	8.1	24.1	0.50	0.72
F09	19 Aug 2026	9	17.26	93.42	8.0	33.328	8.1	24.2	0.49	0.70
F09	19 Aug 2026	10	16.63	94.04	8.1	33.294	8.1	24.3	0.45	0.67
F09	19 Aug 2026	11	16.27	94.31	8.0	33.302	8.1	24.4	0.45	0.68
F09	19 Aug 2026	12	15.92	94.21	8.0	33.301	8.1	24.5	0.47	0.67
F09	19 Aug 2026	13	15.66	93.01	7.9	33.311	8.1	24.5	0.61	0.75
F09	19 Aug 2026	14	15.41	91.27	7.8	33.312	8.1	24.6	0.94	0.81
F09	19 Aug 2026	15	15.30	89.80	7.8	33.31	8.1	24.6	1.46	0.83
F09	19 Aug 2026	16	15.19	89.26	7.8	33.312	8.1	24.6	1.67	0.83
F09	19 Aug 2026	17	15.07	89.93	7.7	33.315	8.1	24.7	1.50	0.82
F09	19 Aug 2026	18	14.96	90.55	7.6	33.316	8.1	24.7	1.48	0.82
F09	19 Aug 2026	19	14.75	90.67	7.5	33.325	8.1	24.7	1.51	0.82
F09	19 Aug 2026	20	14.40	90.52	7.3	33.338	8.1	24.8	1.62	0.82
F09	19 Aug 2026	21	14.19	89.87	7.1	33.336	8.1	24.9	2.49	0.80
F09	19 Aug 2026	22	14.03	90.36	6.9	33.34	8.1	24.9	2.09	0.82
F09	19 Aug 2026	23	13.96	92.70	6.7	33.34	8.0	24.9	1.70	0.83
F09	19 Aug 2026	24	13.88	94.04	6.6	33.352	8.0	24.9	1.69	0.84
F09	19 Aug 2026	25	13.70	94.57	6.4	33.361	8.0	25.0	1.51	0.83
F09	19 Aug 2026	26	13.68	95.25	6.2	33.362	8.0	25.0	0.98	0.85
F09	19 Aug 2026	27	13.68	95.41	6.2	33.365	8.0	25.0	0.91	0.87
F09	19 Aug 2026	28	13.64	95.61	6.2	33.368	8.0	25.0	0.88	0.86
F09	19 Aug 2026	29	13.61	95.73	6.1	33.372	8.0	25.0	0.84	0.86
F09	19 Aug 2026	30	13.33	95.83	6.0	33.385	8.0	25.1	0.96	0.84
F09	19 Aug 2026	31	13.24	96.12	6.0	33.387	8.0	25.1	1.07	0.84
F09	19 Aug 2026	32	13.20	96.33	5.9	33.39	8.0	25.1	1.01	0.83

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F09	19 Aug 2026	33	13.13	96.39	5.8	33.395	8.0	25.1	0.92	0.83
F09	19 Aug 2026	34	13.14	96.35	5.8	33.394	8.0	25.1	0.91	0.81
F09	19 Aug 2026	35	13.09	96.39	5.8	33.4	8.0	25.1	0.91	0.83
F09	19 Aug 2026	36	13.07	96.47	5.8	33.4	8.0	25.1	0.87	0.83
F09	19 Aug 2026	37	13.06	96.37	5.7	33.403	8.0	25.1	0.84	0.82
F09	19 Aug 2026	38	13.03	96.23	5.7	33.406	8.0	25.2	0.80	0.83
F09	19 Aug 2026	39	13.00	96.15	5.7	33.409	8.0	25.2	0.76	0.83
F09	19 Aug 2026	40	13.00	96.00	5.6	33.41	8.0	25.2	0.74	0.85
F09	19 Aug 2026	41	12.97	95.85	5.6	33.412	8.0	25.2	0.71	0.84
F09	19 Aug 2026	42	12.96	95.51	5.5	33.413	7.9	25.2	0.64	0.86
F09	19 Aug 2026	43	12.94	95.25	5.5	33.414	7.9	25.2	0.60	0.89
F09	19 Aug 2026	44	12.90	94.91	5.5	33.42	7.9	25.2	0.53	0.87
F09	19 Aug 2026	45	12.89	94.87	5.4	33.421	7.9	25.2	0.52	0.86
F09	19 Aug 2026	46	12.75	94.91	5.3	33.435	7.9	25.2	0.48	0.86
F09	19 Aug 2026	47	12.69	94.85	5.3	33.438	7.9	25.2	0.41	0.87
F09	19 Aug 2026	48	12.67	94.97	5.3	33.44	7.9	25.2	0.39	0.87
F09	19 Aug 2026	49	12.61	95.01	5.2	33.446	7.9	25.3	0.37	0.87
F09	19 Aug 2026	50	12.58	95.15	5.2	33.449	7.9	25.3	0.36	0.88
F09	19 Aug 2026	51	12.56	95.31	5.2	33.45	7.9	25.3	0.36	0.87
F09	19 Aug 2026	52	12.52	95.32	5.1	33.454	7.9	25.3	0.34	0.87
F09	19 Aug 2026	53	12.47	95.31	5.1	33.457	7.9	25.3	0.31	0.90
F09	19 Aug 2026	54	12.37	94.63	5.0	33.472	7.9	25.3	0.29	0.90
F09	19 Aug 2026	55	12.36	93.97	5.0	33.471	7.9	25.3	0.27	0.91
F09	19 Aug 2026	56	12.36	93.87	5.0	33.471	7.9	25.3	0.26	0.92
F09	19 Aug 2026	57	12.36	93.66	4.9	33.472	7.9	25.3	0.26	0.91
F09	19 Aug 2026	58	12.36	93.08	4.9	33.473	7.9	25.3	0.27	0.91
F09	19 Aug 2026	59	12.35	92.58	4.9	33.475	7.9	25.3	0.28	0.93
F09	19 Aug 2026	60	12.31	91.84	4.8	33.482	7.9	25.4	0.26	0.94
F09	19 Aug 2026	61	12.29	89.53	4.8	33.483	7.9	25.4	0.25	0.96
F09	19 Aug 2026	62	12.27	86.33	4.7	33.486	7.9	25.4	0.24	0.98
F32	18 Aug 2026	1	20.03	87.18	7.7	NA	8.2	23.1	0.32	0.72
F32	18 Aug 2026	2	20.22	71.63	7.6	33.262	8.2	23.4	0.30	0.83
F32	18 Aug 2026	3	19.98	90.64	7.6	33.373	8.2	23.5	0.34	0.67
F32	18 Aug 2026	4	19.87	91.73	7.7	33.365	8.2	23.6	0.34	0.66
F32	18 Aug 2026	5	19.70	92.93	7.7	33.363	8.2	23.6	0.35	0.64
F32	18 Aug 2026	6	19.63	93.66	7.7	33.363	8.2	23.6	0.35	0.63
F32	18 Aug 2026	7	19.34	93.93	7.8	33.368	8.2	23.7	0.35	0.63
F32	18 Aug 2026	8	18.95	94.35	7.8	33.366	8.2	23.8	0.35	0.60
F32	18 Aug 2026	9	18.58	94.57	7.9	33.353	8.2	23.9	0.36	0.60
F32	18 Aug 2026	10	17.96	94.61	8.0	33.365	8.2	24.0	0.39	0.59
F32	18 Aug 2026	11	17.48	94.63	8.0	33.385	8.2	24.2	0.41	0.64
F32	18 Aug 2026	12	16.09	94.59	8.1	33.345	8.2	24.5	0.43	0.63
F32	18 Aug 2026	13	15.73	94.59	8.2	33.309	8.2	24.5	0.41	0.65
F32	18 Aug 2026	14	15.38	94.34	8.1	33.341	8.2	24.6	0.42	0.66
F32	18 Aug 2026	15	15.14	94.28	8.1	33.301	8.1	24.6	0.54	0.70
F32	18 Aug 2026	16	14.98	94.15	8.1	33.31	8.1	24.7	0.57	0.70
F32	18 Aug 2026	17	14.91	94.39	8.0	33.313	8.1	24.7	0.54	0.72
F32	18 Aug 2026	18	14.67	94.13	7.9	33.319	8.1	24.7	0.59	0.73
F32	18 Aug 2026	19	14.48	94.32	7.8	33.305	8.1	24.8	0.72	0.74
F32	18 Aug 2026	20	14.35	94.49	7.7	33.313	8.1	24.8	0.81	0.75
F32	18 Aug 2026	21	14.27	94.34	7.6	33.313	8.1	24.8	0.91	0.78
F32	18 Aug 2026	22	14.12	94.40	7.5	33.326	8.1	24.9	0.99	0.75
F32	18 Aug 2026	23	14.09	94.17	7.4	33.326	8.1	24.9	1.13	0.78
F32	18 Aug 2026	24	13.95	94.07	7.3	33.33	8.1	24.9	1.25	0.80
F32	18 Aug 2026	25	13.83	94.30	7.2	33.333	8.1	24.9	1.26	0.82
F32	18 Aug 2026	26	13.74	94.62	7.1	33.337	8.1	25.0	1.25	0.81
F32	18 Aug 2026	27	13.54	95.22	6.9	33.35	8.1	25.0	1.20	0.80
F32	18 Aug 2026	28	13.41	95.61	6.7	33.361	8.0	25.0	1.20	0.81
F32	18 Aug 2026	29	13.37	95.60	6.5	33.365	8.0	25.1	1.31	0.82
F32	18 Aug 2026	30	13.35	95.58	6.4	33.369	8.0	25.1	1.37	0.80
F32	18 Aug 2026	31	13.30	95.59	6.3	33.378	8.0	25.1	1.45	0.80
F32	18 Aug 2026	32	13.25	95.60	6.2	33.383	8.0	25.1	1.45	0.80
F32	18 Aug 2026	33	13.21	95.67	6.1	33.387	8.0	25.1	1.48	0.80
F32	18 Aug 2026	34	13.15	95.66	6.1	33.388	8.0	25.1	1.44	0.81
F32	18 Aug 2026	35	13.10	95.82	6.0	33.396	8.0	25.1	1.42	0.82
F32	18 Aug 2026	36	13.02	95.99	5.9	33.398	8.0	25.1	1.40	0.80
F32	18 Aug 2026	37	12.99	96.34	5.8	33.402	8.0	25.2	1.32	0.82
F32	18 Aug 2026	38	12.94	96.38	5.8	33.405	8.0	25.2	1.20	0.82
F32	18 Aug 2026	39	12.94	96.52	5.8	33.406	8.0	25.2	1.23	0.83
F32	18 Aug 2026	40	12.93	96.43	5.7	33.405	8.0	25.2	1.20	0.82
F32	18 Aug 2026	41	12.91	96.42	5.7	33.408	7.9	25.2	1.17	0.81
F32	18 Aug 2026	42	12.89	96.42	5.7	33.409	7.9	25.2	1.20	0.81
F32	18 Aug 2026	43	12.83	96.47	5.6	33.416	7.9	25.2	1.17	0.82

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F32	18 Aug 2026	44	12.79	96.72	5.6	33.417	7.9	25.2	1.03	0.80
F32	18 Aug 2026	45	12.72	96.90	5.6	33.427	7.9	25.2	1.00	0.83
F32	18 Aug 2026	46	12.69	97.07	5.5	33.428	7.9	25.2	0.87	0.83
F32	18 Aug 2026	47	12.66	97.26	5.5	33.43	7.9	25.2	0.82	0.82
F32	18 Aug 2026	48	12.64	97.26	5.5	33.432	7.9	25.2	0.80	0.82
F32	18 Aug 2026	49	12.64	97.27	5.5	33.431	7.9	25.2	0.80	0.83
F32	18 Aug 2026	50	12.63	97.31	5.5	33.432	7.9	25.3	0.78	0.83
F32	18 Aug 2026	51	12.62	97.30	5.5	33.433	7.9	25.3	0.78	0.83
F32	18 Aug 2026	52	12.61	97.23	5.4	33.435	7.9	25.3	0.76	0.83
F32	18 Aug 2026	53	12.60	97.34	5.4	33.436	7.9	25.3	0.75	0.84
F32	18 Aug 2026	54	12.57	97.36	5.4	33.442	7.9	25.3	0.74	0.83
F32	18 Aug 2026	55	12.55	97.45	5.4	33.442	7.9	25.3	0.72	0.82
F32	18 Aug 2026	56	12.48	97.58	5.3	33.451	7.9	25.3	0.67	0.83
F32	18 Aug 2026	57	12.45	97.65	5.3	33.452	7.9	25.3	0.61	0.82
F32	18 Aug 2026	58	12.42	97.77	5.3	33.457	7.9	25.3	0.59	0.83
F32	18 Aug 2026	59	12.38	97.85	5.3	33.462	7.9	25.3	0.56	0.82
F32	18 Aug 2026	60	12.32	97.94	5.2	33.474	7.9	25.3	0.53	0.83
F32	18 Aug 2026	61	12.30	98.01	5.2	33.477	7.9	25.3	0.49	0.83
F32	18 Aug 2026	62	12.29	98.08	5.2	33.479	7.9	25.4	0.49	0.84
F32	18 Aug 2026	63	12.29	98.11	5.2	33.478	7.9	25.4	0.50	0.85
F32	18 Aug 2026	64	12.26	98.15	5.1	33.483	7.9	25.4	0.47	0.84
F32	18 Aug 2026	65	12.23	98.15	5.1	33.487	7.9	25.4	0.46	0.83
F32	18 Aug 2026	66	12.20	98.14	5.1	33.492	7.9	25.4	0.44	0.83
F32	18 Aug 2026	67	12.17	98.14	5.0	33.494	7.9	25.4	0.37	0.85
F32	18 Aug 2026	68	12.14	98.17	5.0	33.503	7.9	25.4	0.37	0.83
F32	18 Aug 2026	69	12.10	98.17	5.0	33.508	7.9	25.4	0.33	0.84
F32	18 Aug 2026	70	12.08	98.20	4.9	33.514	7.9	25.4	0.32	0.86
F32	18 Aug 2026	71	12.03	98.18	4.9	33.521	7.9	25.4	0.31	0.86
F32	18 Aug 2026	72	12.04	98.20	4.8	33.52	7.9	25.4	0.30	0.86
F32	18 Aug 2026	73	11.95	98.23	4.8	33.533	7.9	25.5	0.27	0.85
F32	18 Aug 2026	74	11.94	98.22	4.8	33.534	7.8	25.5	0.27	0.85
F32	18 Aug 2026	75	11.91	98.18	4.8	33.54	7.8	25.5	0.25	0.85
F32	18 Aug 2026	76	11.89	98.23	4.7	33.545	7.8	25.5	0.24	0.88
F32	18 Aug 2026	77	11.87	98.21	4.7	33.548	7.8	25.5	0.24	0.87
F32	18 Aug 2026	78	11.88	98.22	4.7	33.548	7.8	25.5	0.26	0.86
F32	18 Aug 2026	79	11.82	98.27	4.7	33.563	7.8	25.5	0.23	0.88
F32	18 Aug 2026	80	11.75	98.27	4.6	33.575	7.8	25.5	0.21	0.87
F32	18 Aug 2026	81	11.77	98.30	4.7	33.568	7.8	25.5	0.21	0.85
F32	18 Aug 2026	82	11.73	98.35	4.6	33.576	7.8	25.5	0.21	0.86
F32	18 Aug 2026	83	11.73	98.37	4.7	33.574	7.8	25.5	0.20	0.86
F32	18 Aug 2026	84	11.72	98.38	4.6	33.577	7.8	25.5	0.20	0.87
F32	18 Aug 2026	85	11.69	98.43	4.6	33.579	7.8	25.5	0.20	0.87
F32	18 Aug 2026	86	11.69	98.50	4.6	33.578	7.8	25.5	0.22	0.85
F32	18 Aug 2026	87	11.66	98.56	4.6	33.584	7.8	25.6	0.21	0.85
F32	18 Aug 2026	88	11.64	98.58	4.6	33.592	7.8	25.6	0.19	0.85
F32	18 Aug 2026	89	11.63	98.57	4.6	33.594	7.8	25.6	0.20	0.86
F32	18 Aug 2026	90	11.62	98.55	4.6	33.596	7.8	25.6	0.20	0.85
F32	18 Aug 2026	91	11.62	98.55	4.5	33.598	7.8	25.6	0.20	0.85
F32	18 Aug 2026	92	11.53	98.58	4.5	33.623	7.8	25.6	0.18	0.85
F32	18 Aug 2026	93	11.49	98.51	4.4	33.629	7.8	25.6	0.17	0.85
F32	18 Aug 2026	94	11.45	98.52	4.4	33.643	7.8	25.6	0.17	0.87
F32	18 Aug 2026	95	11.40	98.60	4.3	33.651	7.8	25.7	0.15	0.87
F32	18 Aug 2026	96	11.39	98.59	4.3	33.656	7.8	25.7	0.15	0.87
F32	18 Aug 2026	97	11.38	98.62	4.3	33.657	7.8	25.7	0.15	0.86
F32	18 Aug 2026	98	11.37	98.61	4.3	33.661	7.8	25.7	0.17	0.88
F32	18 Aug 2026	99	11.30	98.61	4.2	33.681	7.8	25.7	0.14	0.89
F32	18 Aug 2026	100	11.26	98.50	4.1	33.697	7.8	25.7	0.13	0.89
F32	18 Aug 2026	101	11.25	98.44	4.1	33.699	7.8	25.7	0.13	0.87
F21	20 Aug 2026	1	21.15	93.82	7.5	33.388	8.2	23.2	0.38	0.61
F21	20 Aug 2026	2	21.14	93.67	7.5	33.389	8.2	23.2	0.39	0.61
F21	20 Aug 2026	3	20.99	93.64	7.5	33.401	8.2	23.3	0.40	0.64
F21	20 Aug 2026	4	20.73	93.82	7.6	33.383	8.2	23.3	0.44	0.65
F21	20 Aug 2026	5	20.74	93.97	7.6	33.377	8.2	23.3	0.44	0.61
F21	20 Aug 2026	6	20.22	93.99	7.7	33.413	8.2	23.5	0.44	0.64
F21	20 Aug 2026	7	19.23	93.89	7.9	33.377	8.2	23.7	0.44	0.64
F21	20 Aug 2026	8	18.70	93.63	8.0	33.361	8.2	23.8	0.45	0.66
F21	20 Aug 2026	9	18.68	93.71	7.8	33.362	8.2	23.8	0.48	0.68
F21	20 Aug 2026	10	16.66	93.76	8.0	33.362	8.2	24.3	0.48	0.67
F21	20 Aug 2026	11	16.28	94.15	8.1	33.304	8.2	24.4	0.42	0.64
F21	20 Aug 2026	12	16.10	94.74	8.1	33.301	8.2	24.4	0.43	0.63
F21	20 Aug 2026	13	15.87	94.91	8.1	33.295	8.2	24.5	0.47	0.66
F21	20 Aug 2026	14	15.73	94.96	8.1	33.297	8.2	24.5	0.50	0.66
F21	20 Aug 2026	15	15.20	94.80	8.0	33.314	8.2	24.6	0.54	0.67

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F21	20 Aug 2026	16	14.64	94.78	7.9	33.302	8.1	24.7	0.58	0.70
F21	20 Aug 2026	17	14.46	94.78	7.8	33.298	8.1	24.8	0.64	0.73
F21	20 Aug 2026	18	14.37	94.33	7.8	33.298	8.1	24.8	0.80	0.73
F21	20 Aug 2026	19	14.31	93.74	7.8	33.303	8.1	24.8	1.06	0.77
F21	20 Aug 2026	20	14.16	93.45	7.6	33.314	8.1	24.9	1.30	0.75
F21	20 Aug 2026	21	14.06	92.63	7.6	33.314	8.1	24.9	1.87	0.78
F21	20 Aug 2026	22	14.02	92.60	7.5	33.315	8.1	24.9	1.90	0.77
F21	20 Aug 2026	23	13.95	92.63	7.4	33.321	8.1	24.9	1.86	0.76
F21	20 Aug 2026	24	13.88	92.93	7.4	33.327	8.1	24.9	1.80	0.77
F21	20 Aug 2026	25	13.81	93.29	7.2	33.34	8.1	24.9	1.88	0.78
F21	20 Aug 2026	26	13.73	93.28	7.0	33.355	8.1	25.0	2.03	0.80
F21	20 Aug 2026	27	13.71	93.15	7.0	33.361	8.1	25.0	2.25	0.81
F21	20 Aug 2026	28	13.69	92.88	6.9	33.366	8.1	25.0	2.34	0.78
F21	20 Aug 2026	29	13.62	92.69	6.8	33.374	8.1	25.0	2.41	0.81
F21	20 Aug 2026	30	13.55	92.64	6.7	33.378	8.1	25.0	2.42	0.79
F21	20 Aug 2026	31	13.55	93.03	6.6	33.378	8.0	25.0	2.42	0.81
F21	20 Aug 2026	32	13.40	93.45	6.5	33.389	8.0	25.1	2.26	0.80
F21	20 Aug 2026	33	13.32	93.78	6.3	33.394	8.0	25.1	2.08	0.80
F21	20 Aug 2026	34	13.18	94.19	6.1	33.399	8.0	25.1	1.87	0.81
F21	20 Aug 2026	35	13.13	94.82	6.1	33.4	8.0	25.1	1.68	0.81
F21	20 Aug 2026	36	13.13	95.38	6.0	33.399	8.0	25.1	1.60	0.80
F21	20 Aug 2026	37	13.11	95.70	6.0	33.4	8.0	25.1	1.53	0.79
F21	20 Aug 2026	38	13.03	95.77	5.9	33.412	8.0	25.2	1.39	0.81
F21	20 Aug 2026	39	12.96	96.06	5.8	33.416	8.0	25.2	1.14	0.82
F21	20 Aug 2026	40	12.96	96.65	5.8	33.414	8.0	25.2	1.14	0.80
F21	20 Aug 2026	41	12.92	96.73	5.7	33.415	8.0	25.2	1.12	0.80
F21	20 Aug 2026	42	12.89	96.64	5.7	33.418	8.0	25.2	1.13	0.80
F21	20 Aug 2026	43	12.84	96.63	5.6	33.426	8.0	25.2	1.13	0.80
F21	20 Aug 2026	44	12.83	96.93	5.6	33.438	8.0	25.2	0.96	0.81
F21	20 Aug 2026	45	12.82	97.22	5.6	33.453	8.0	25.2	0.78	0.80
F21	20 Aug 2026	46	12.77	97.46	5.5	33.463	8.0	25.2	0.70	0.82
F21	20 Aug 2026	47	12.75	97.83	5.4	33.464	8.0	25.3	0.66	0.80
F21	20 Aug 2026	48	12.67	97.91	5.4	33.473	7.9	25.3	0.66	0.81
F21	20 Aug 2026	49	12.60	97.88	5.3	33.471	7.9	25.3	0.58	0.80
F21	20 Aug 2026	50	12.57	97.88	5.3	33.464	7.9	25.3	0.57	0.81
F21	20 Aug 2026	51	12.55	97.81	5.3	33.46	7.9	25.3	0.62	0.82
F21	20 Aug 2026	52	12.51	97.76	5.3	33.463	7.9	25.3	0.62	0.81
F21	20 Aug 2026	53	12.44	97.78	5.3	33.464	7.9	25.3	0.60	0.83
F21	20 Aug 2026	54	12.37	97.86	5.2	33.479	7.9	25.3	0.53	0.82
F21	20 Aug 2026	55	12.31	97.93	5.2	33.488	7.9	25.4	0.46	0.81
F21	20 Aug 2026	56	12.27	97.98	5.1	33.493	7.9	25.4	0.41	0.83
F21	20 Aug 2026	57	12.25	98.09	5.1	33.495	7.9	25.4	0.39	0.82
F21	20 Aug 2026	58	12.25	98.10	5.1	33.494	7.9	25.4	0.41	0.83
F21	20 Aug 2026	59	12.17	98.16	5.0	33.507	7.9	25.4	0.36	0.83
F21	20 Aug 2026	60	12.14	98.20	5.0	33.513	7.9	25.4	0.31	0.85
F21	20 Aug 2026	61	12.13	98.20	4.9	33.515	7.9	25.4	0.30	0.83
F21	20 Aug 2026	62	12.12	98.20	4.9	33.517	7.9	25.4	0.29	0.85
F21	20 Aug 2026	63	12.09	98.23	4.9	33.522	7.9	25.4	0.28	0.84
F21	20 Aug 2026	64	12.07	98.23	4.8	33.525	7.9	25.4	0.27	0.85
F21	20 Aug 2026	65	12.05	98.19	4.8	33.53	7.9	25.4	0.26	0.86
F21	20 Aug 2026	66	12.00	98.20	4.8	33.538	7.9	25.5	0.24	0.87
F21	20 Aug 2026	67	11.93	98.23	4.8	33.545	7.9	25.5	0.24	0.85
F21	20 Aug 2026	68	11.83	98.24	4.8	33.55	7.9	25.5	0.24	0.85
F21	20 Aug 2026	69	11.75	98.28	4.8	33.553	7.9	25.5	0.26	0.83
F21	20 Aug 2026	70	11.73	98.41	4.7	33.555	7.9	25.5	0.26	0.83
F21	20 Aug 2026	71	11.71	98.39	4.7	33.556	7.9	25.5	0.25	0.85
F21	20 Aug 2026	72	11.71	98.38	4.7	33.557	7.9	25.5	0.25	0.84
F21	20 Aug 2026	73	11.71	98.34	4.7	33.559	7.9	25.5	0.25	0.85
F21	20 Aug 2026	74	11.69	98.25	4.7	33.564	7.9	25.5	0.24	0.85
F21	20 Aug 2026	75	11.58	98.01	4.6	33.583	7.9	25.6	0.21	0.84
F21	20 Aug 2026	76	11.55	97.89	4.6	33.584	7.9	25.6	0.21	0.86
F21	20 Aug 2026	77	11.50	98.12	4.6	33.59	7.8	25.6	0.20	0.85
F21	20 Aug 2026	78	11.49	98.32	4.6	33.593	7.8	25.6	0.20	0.84
F21	20 Aug 2026	79	11.47	98.40	4.5	33.597	7.8	25.6	0.20	0.83
F21	20 Aug 2026	80	11.43	98.51	4.5	33.611	7.8	25.6	0.19	0.85
F21	20 Aug 2026	81	11.41	98.51	4.5	33.615	7.8	25.6	0.19	0.87
F21	20 Aug 2026	82	11.40	98.01	4.4	33.622	7.8	25.6	0.17	0.87
F21	20 Aug 2026	83	11.38	96.46	4.3	33.627	7.8	25.6	0.17	0.87
F21	20 Aug 2026	84	11.37	95.61	4.3	33.628	7.8	25.6	0.17	0.88
F10	19 Aug 2026	1	20.10	92.91	7.5	33.357	8.1	23.5	0.40	0.80
F10	19 Aug 2026	2	20.08	92.85	7.5	33.359	8.1	23.5	0.41	0.78
F10	19 Aug 2026	3	19.95	92.99	7.5	33.361	8.1	23.5	0.45	0.77
F10	19 Aug 2026	4	19.88	92.97	7.4	33.361	8.1	23.5	0.52	0.81

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F10	19 Aug 2026	5	19.42	92.96	7.6	33.367	8.1	23.7	0.56	0.79
F10	19 Aug 2026	6	18.46	92.61	7.8	33.359	8.1	23.9	0.63	0.75
F10	19 Aug 2026	7	17.78	92.69	8.0	33.342	8.1	24.1	0.58	0.70
F10	19 Aug 2026	8	17.31	93.24	8.1	33.31	8.2	24.1	0.49	0.65
F10	19 Aug 2026	9	17.14	93.87	8.0	33.308	8.2	24.2	0.51	0.66
F10	19 Aug 2026	10	16.71	93.88	8.1	33.31	8.2	24.3	0.55	0.68
F10	19 Aug 2026	11	16.46	93.81	8.1	33.304	8.2	24.3	0.59	0.69
F10	19 Aug 2026	12	16.09	93.60	8.0	33.316	8.1	24.4	0.72	0.73
F10	19 Aug 2026	13	15.85	92.63	8.0	33.304	8.1	24.5	0.79	0.76
F10	19 Aug 2026	14	15.60	92.23	7.9	33.316	8.1	24.5	0.85	0.75
F10	19 Aug 2026	15	15.42	90.72	7.7	33.317	8.1	24.6	1.34	0.83
F10	19 Aug 2026	16	15.32	89.64	7.6	33.32	8.1	24.6	1.79	0.83
F10	19 Aug 2026	17	15.02	89.84	7.7	33.317	8.1	24.7	1.60	0.84
F10	19 Aug 2026	18	14.99	91.08	7.8	33.313	8.1	24.7	1.23	0.79
F10	19 Aug 2026	19	14.88	91.50	7.7	33.315	8.1	24.7	1.16	0.78
F10	19 Aug 2026	20	14.75	91.83	7.7	33.32	8.1	24.7	1.12	0.77
F10	19 Aug 2026	21	14.75	91.70	7.7	33.321	8.1	24.7	1.18	0.77
F10	19 Aug 2026	22	14.58	91.62	7.6	33.328	8.1	24.8	1.31	0.78
F10	19 Aug 2026	23	14.49	91.38	7.5	33.326	8.1	24.8	1.46	0.78
F10	19 Aug 2026	24	14.38	91.12	7.3	33.331	8.1	24.8	1.65	0.75
F10	19 Aug 2026	25	14.19	90.58	7.3	33.344	8.1	24.9	2.13	0.76
F10	19 Aug 2026	26	14.12	90.12	7.2	33.336	8.1	24.9	2.77	0.78
F10	19 Aug 2026	27	14.03	90.76	7.1	33.341	8.1	24.9	2.73	0.77
F10	19 Aug 2026	28	13.95	91.51	7.0	33.346	8.1	24.9	2.60	0.78
F10	19 Aug 2026	29	13.83	92.14	6.8	33.353	8.1	24.9	2.47	0.80
F10	19 Aug 2026	30	13.76	92.93	6.7	33.355	8.0	25.0	2.25	0.80
F10	19 Aug 2026	31	13.64	93.15	6.5	33.36	8.0	25.0	2.29	0.81
F10	19 Aug 2026	32	13.51	93.57	6.4	33.36	8.0	25.0	2.06	0.81
F10	19 Aug 2026	33	13.45	94.30	6.3	33.361	8.0	25.0	1.78	0.82
F10	19 Aug 2026	34	13.42	94.66	6.2	33.362	8.0	25.0	1.51	0.82
F10	19 Aug 2026	35	13.29	94.09	6.1	33.378	8.0	25.1	1.48	0.83
F10	19 Aug 2026	36	13.12	95.98	6.1	33.38	8.0	25.1	1.29	0.82
F10	19 Aug 2026	37	12.98	96.53	6.2	33.382	8.0	25.1	1.03	0.81
F10	19 Aug 2026	38	12.93	97.00	6.2	33.382	8.0	25.2	0.91	0.80
F10	19 Aug 2026	39	12.84	97.42	6.0	33.39	8.0	25.2	0.82	0.79
F10	19 Aug 2026	40	12.81	97.54	5.9	33.4	8.0	25.2	0.73	0.79
F10	19 Aug 2026	41	12.82	97.44	5.8	33.401	8.0	25.2	0.74	0.79
F10	19 Aug 2026	42	12.82	97.18	5.7	33.413	8.0	25.2	0.72	0.81
F10	19 Aug 2026	43	12.78	96.98	5.6	33.425	8.0	25.2	0.69	0.82
F10	19 Aug 2026	44	12.73	96.66	5.5	33.431	7.9	25.2	0.62	0.84
F10	19 Aug 2026	45	12.71	96.28	5.5	33.431	7.9	25.2	0.55	0.85
F10	19 Aug 2026	46	12.68	96.09	5.5	33.431	7.9	25.2	0.56	0.82
F10	19 Aug 2026	47	12.64	96.31	5.5	33.43	7.9	25.2	0.58	0.83
F10	19 Aug 2026	48	12.61	96.92	5.6	33.431	7.9	25.3	0.60	0.82
F10	19 Aug 2026	49	12.62	97.38	5.5	33.432	7.9	25.3	0.58	0.83
F10	19 Aug 2026	50	12.62	97.18	5.4	33.434	7.9	25.3	0.57	0.84
F10	19 Aug 2026	51	12.61	96.91	5.3	33.442	7.9	25.3	0.53	0.86
F10	19 Aug 2026	52	12.59	95.51	5.3	33.443	7.9	25.3	0.46	0.86
F10	19 Aug 2026	53	12.57	94.99	5.2	33.447	7.9	25.3	0.44	0.87
F10	19 Aug 2026	54	12.57	94.88	5.2	33.447	7.9	25.3	0.40	0.87
F10	19 Aug 2026	55	12.55	94.75	5.2	33.45	7.9	25.3	0.41	0.87
F10	19 Aug 2026	56	12.52	94.46	5.2	33.453	7.9	25.3	0.41	0.88
F10	19 Aug 2026	57	12.50	94.36	5.1	33.457	7.9	25.3	0.38	0.89
F10	19 Aug 2026	58	12.46	94.09	5.1	33.461	7.9	25.3	0.33	0.88
F10	19 Aug 2026	59	12.39	93.56	5.0	33.471	7.9	25.3	0.30	0.88
F10	19 Aug 2026	60	12.34	92.84	4.9	33.477	7.9	25.3	0.26	0.91
F10	19 Aug 2026	61	12.31	90.82	4.8	33.48	7.9	25.4	0.25	0.95
F10	19 Aug 2026	62	12.25	89.10	4.7	33.485	7.9	25.4	0.23	0.95
F33	18 Aug 2026	1	20.06	92.52	7.7	33.355	8.1	23.5	0.31	0.86
F33	18 Aug 2026	2	19.99	90.65	7.7	33.361	8.1	23.5	0.32	0.69
F33	18 Aug 2026	3	19.92	92.08	7.7	33.362	8.2	23.5	0.32	0.66
F33	18 Aug 2026	4	19.88	93.50	7.8	33.361	8.2	23.5	0.34	0.65
F33	18 Aug 2026	5	19.71	93.91	7.7	33.368	8.2	23.6	0.34	0.62
F33	18 Aug 2026	6	19.48	94.13	7.8	33.361	8.2	23.6	0.33	0.60
F33	18 Aug 2026	7	19.42	94.54	7.8	33.363	8.2	23.7	0.34	0.65
F33	18 Aug 2026	8	18.64	94.56	7.9	33.378	8.2	23.9	0.35	0.61
F33	18 Aug 2026	9	18.04	94.43	8.1	33.334	8.2	24.0	0.35	0.61
F33	18 Aug 2026	10	17.55	94.40	8.1	33.346	8.2	24.1	0.37	0.63
F33	18 Aug 2026	11	16.54	94.38	8.2	33.34	8.2	24.3	0.37	0.63
F33	18 Aug 2026	12	15.45	94.38	8.2	33.308	8.1	24.6	0.34	0.67
F33	18 Aug 2026	13	15.67	94.54	8.0	33.3	8.1	24.5	0.34	0.67
F33	18 Aug 2026	14	15.01	94.58	8.1	33.303	8.1	24.7	0.35	0.72
F33	18 Aug 2026	15	14.87	94.67	8.0	33.286	8.1	24.7	0.41	0.68

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F33	18 Aug 2026	16	14.82	95.13	7.9	33.279	8.1	24.7	0.48	0.70
F33	18 Aug 2026	17	14.56	95.02	7.8	33.292	8.1	24.8	0.53	0.72
F33	18 Aug 2026	18	14.50	95.07	7.8	33.29	8.1	24.8	0.59	0.74
F33	18 Aug 2026	19	14.47	94.86	7.8	33.301	8.1	24.8	0.64	0.74
F33	18 Aug 2026	20	14.43	94.80	7.7	33.299	8.1	24.8	0.72	0.74
F33	18 Aug 2026	21	14.33	94.88	7.6	33.307	8.1	24.8	0.74	0.76
F33	18 Aug 2026	22	14.10	94.70	7.5	33.322	8.1	24.9	1.09	0.77
F33	18 Aug 2026	23	14.05	94.21	7.4	33.328	8.1	24.9	1.18	0.78
F33	18 Aug 2026	24	13.76	94.56	7.2	33.337	8.1	25.0	1.17	0.77
F33	18 Aug 2026	25	13.67	94.96	7.1	33.336	8.1	25.0	1.08	0.78
F33	18 Aug 2026	26	13.63	95.59	7.0	33.335	8.1	25.0	1.04	0.78
F33	18 Aug 2026	27	13.48	95.94	6.9	33.345	8.0	25.0	1.01	0.80
F33	18 Aug 2026	28	13.38	96.37	6.8	33.349	8.0	25.0	0.98	0.77
F33	18 Aug 2026	29	13.32	96.38	6.6	33.353	8.0	25.1	0.95	0.80
F33	18 Aug 2026	30	13.34	96.53	6.6	33.353	8.0	25.0	0.96	0.80
F33	18 Aug 2026	31	13.30	96.53	6.6	33.356	8.0	25.1	1.00	0.81
F33	18 Aug 2026	32	13.27	96.60	6.5	33.361	8.0	25.1	0.96	0.81
F33	18 Aug 2026	33	13.27	96.76	6.4	33.363	8.0	25.1	0.96	0.80
F33	18 Aug 2026	34	13.19	96.85	6.3	33.376	8.0	25.1	1.01	0.80
F33	18 Aug 2026	35	13.16	96.58	6.2	33.38	8.0	25.1	1.09	0.80
F33	18 Aug 2026	36	13.01	96.54	6.0	33.401	8.0	25.2	1.20	0.81
F33	18 Aug 2026	37	13.00	96.48	5.9	33.399	8.0	25.2	1.24	0.80
F33	18 Aug 2026	38	12.93	96.63	5.8	33.408	8.0	25.2	1.20	0.80
F33	18 Aug 2026	39	12.90	96.63	5.7	33.409	8.0	25.2	1.15	0.81
F33	18 Aug 2026	40	12.91	96.54	5.8	33.407	8.0	25.2	1.15	0.81
F33	18 Aug 2026	41	12.84	96.57	5.7	33.416	7.9	25.2	1.13	0.81
F33	18 Aug 2026	42	12.83	96.65	5.7	33.415	7.9	25.2	1.06	0.81
F33	18 Aug 2026	43	12.80	96.83	5.6	33.419	7.9	25.2	1.08	0.81
F33	18 Aug 2026	44	12.77	96.83	5.6	33.42	7.9	25.2	1.00	0.82
F33	18 Aug 2026	45	12.77	96.97	5.6	33.419	7.9	25.2	0.94	0.81
F33	18 Aug 2026	46	12.73	97.10	5.6	33.422	7.9	25.2	0.94	0.82
F33	18 Aug 2026	47	12.73	97.14	5.6	33.421	7.9	25.2	0.91	0.82
F33	18 Aug 2026	48	12.69	97.17	5.5	33.427	7.9	25.2	0.89	0.81
F33	18 Aug 2026	49	12.65	97.23	5.5	33.43	7.9	25.2	0.82	0.82
F33	18 Aug 2026	50	12.63	97.39	5.5	33.432	7.9	25.3	0.78	0.83
F33	18 Aug 2026	51	12.59	97.43	5.5	33.437	7.9	25.3	0.75	0.83
F33	18 Aug 2026	52	12.53	97.47	5.4	33.444	7.9	25.3	0.71	0.81
F33	18 Aug 2026	53	12.53	97.47	5.4	33.444	7.9	25.3	0.67	0.82
F33	18 Aug 2026	54	12.47	97.57	5.4	33.451	7.9	25.3	0.65	0.82
F33	18 Aug 2026	55	12.47	97.63	5.4	33.451	7.9	25.3	0.65	0.83
F33	18 Aug 2026	56	12.38	97.74	5.3	33.465	7.9	25.3	0.63	0.83
F33	18 Aug 2026	57	12.35	97.84	5.2	33.468	7.9	25.3	0.53	0.83
F33	18 Aug 2026	58	12.35	97.87	5.2	33.469	7.9	25.3	0.55	0.83
F33	18 Aug 2026	59	12.32	97.99	5.2	33.472	7.9	25.3	0.51	0.82
F33	18 Aug 2026	60	12.32	98.02	5.2	33.473	7.9	25.3	0.51	0.83
F33	18 Aug 2026	61	12.31	98.04	5.2	33.474	7.9	25.3	0.50	0.83
F33	18 Aug 2026	62	12.29	98.08	5.2	33.478	7.9	25.4	0.50	0.81
F33	18 Aug 2026	63	12.25	98.08	5.1	33.484	7.9	25.4	0.46	0.83
F33	18 Aug 2026	64	12.24	98.10	5.1	33.485	7.9	25.4	0.44	0.84
F33	18 Aug 2026	65	12.16	98.10	5.0	33.499	7.9	25.4	0.39	0.85
F33	18 Aug 2026	66	12.13	98.14	5.0	33.501	7.9	25.4	0.34	0.85
F33	18 Aug 2026	67	12.12	98.15	5.0	33.503	7.9	25.4	0.35	0.86
F33	18 Aug 2026	68	12.10	98.14	4.9	33.506	7.9	25.4	0.34	0.83
F33	18 Aug 2026	69	12.10	98.18	5.0	33.507	7.9	25.4	0.33	0.84
F33	18 Aug 2026	70	12.09	98.17	5.0	33.51	7.9	25.4	0.32	0.86
F33	18 Aug 2026	71	12.06	98.17	4.9	33.517	7.9	25.4	0.31	0.85
F33	18 Aug 2026	72	12.02	98.16	4.8	33.524	7.8	25.4	0.29	0.86
F33	18 Aug 2026	73	12.02	98.16	4.8	33.526	7.8	25.4	0.28	0.85
F33	18 Aug 2026	74	12.01	98.19	4.8	33.529	7.8	25.4	0.29	0.84
F33	18 Aug 2026	75	11.94	98.18	4.8	33.541	7.8	25.5	0.26	0.85
F33	18 Aug 2026	76	11.92	98.20	4.8	33.539	7.8	25.5	0.27	0.86
F33	18 Aug 2026	77	11.88	98.31	4.8	33.542	7.8	25.5	0.26	0.85
F33	18 Aug 2026	78	11.84	98.38	4.8	33.546	7.8	25.5	0.27	0.86
F33	18 Aug 2026	79	11.80	98.40	4.8	33.553	7.8	25.5	0.25	0.85
F33	18 Aug 2026	80	11.79	98.44	4.8	33.555	7.8	25.5	0.25	0.85
F33	18 Aug 2026	81	11.76	98.48	4.7	33.558	7.8	25.5	0.26	0.85
F33	18 Aug 2026	82	11.68	98.52	4.7	33.566	7.8	25.5	0.24	0.85
F33	18 Aug 2026	83	11.68	98.52	4.7	33.566	7.8	25.5	0.23	0.85
F33	18 Aug 2026	84	11.62	98.57	4.7	33.575	7.8	25.6	0.22	0.85
F33	18 Aug 2026	85	11.56	98.54	4.6	33.583	7.8	25.6	0.22	0.85
F33	18 Aug 2026	86	11.55	98.67	4.6	33.591	7.8	25.6	0.21	0.85
F33	18 Aug 2026	87	11.49	98.70	4.6	33.606	7.8	25.6	0.20	0.84
F33	18 Aug 2026	88	11.48	98.70	4.5	33.607	7.8	25.6	0.19	0.85
F33	18 Aug 2026	89	11.48	98.70	4.5	33.607	7.8	25.6	0.19	0.85

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F33	18 Aug 2026	90	11.48	98.68	4.5	33.609	7.8	25.6	0.18	0.87
F33	18 Aug 2026	91	11.47	98.65	4.5	33.615	7.8	25.6	0.18	0.86
F33	18 Aug 2026	92	11.47	98.66	4.4	33.616	7.8	25.6	0.17	0.86
F33	18 Aug 2026	93	11.47	98.64	4.4	33.618	7.8	25.6	0.17	0.85
F33	18 Aug 2026	94	11.47	98.63	4.5	33.618	7.8	25.6	0.19	0.86
F33	18 Aug 2026	95	11.42	98.60	4.4	33.636	7.8	25.6	0.17	0.86
F33	18 Aug 2026	96	11.43	98.56	4.4	33.632	7.8	25.6	0.16	0.86
F33	18 Aug 2026	97	11.35	98.54	4.3	33.66	7.8	25.7	0.16	0.85
F33	18 Aug 2026	98	11.29	98.47	4.2	33.68	7.8	25.7	0.15	0.87
F33	18 Aug 2026	99	11.30	98.32	4.2	33.679	7.8	25.7	0.15	0.86
F33	18 Aug 2026	100	11.28	98.10	4.2	33.684	7.8	25.7	0.14	0.86
F22	20 Aug 2026	1	21.14	93.02	7.5	33.379	8.2	23.2	0.34	0.62
F22	20 Aug 2026	2	21.14	92.87	7.4	33.384	8.2	23.2	0.34	0.63
F22	20 Aug 2026	3	19.94	92.90	7.8	33.414	8.2	23.6	0.35	0.63
F22	20 Aug 2026	4	19.33	93.33	8.0	33.362	8.2	23.7	0.36	0.64
F22	20 Aug 2026	5	18.82	93.24	7.9	33.376	8.2	23.8	0.37	0.67
F22	20 Aug 2026	6	17.89	93.20	8.0	33.348	8.2	24.0	0.41	0.67
F22	20 Aug 2026	7	16.96	93.29	8.1	33.34	8.2	24.2	0.48	0.68
F22	20 Aug 2026	8	16.48	93.31	8.2	33.308	8.2	24.3	0.50	0.71
F22	20 Aug 2026	9	16.23	93.63	8.2	33.297	8.2	24.4	0.48	0.68
F22	20 Aug 2026	10	16.10	93.76	8.1	33.285	8.2	24.4	0.45	0.68
F22	20 Aug 2026	11	16.15	94.02	8.1	33.283	8.2	24.4	0.50	0.66
F22	20 Aug 2026	12	15.93	94.32	8.0	33.3	8.2	24.5	0.51	0.67
F22	20 Aug 2026	13	15.58	94.26	8.0	33.3	8.2	24.5	0.54	0.66
F22	20 Aug 2026	14	15.48	94.36	7.9	33.303	8.1	24.6	0.54	0.67
F22	20 Aug 2026	15	15.20	94.54	8.0	33.3	8.1	24.6	0.60	0.68
F22	20 Aug 2026	16	15.12	94.55	8.0	33.301	8.1	24.6	0.65	0.68
F22	20 Aug 2026	17	15.06	94.42	7.9	33.314	8.1	24.7	0.67	0.69
F22	20 Aug 2026	18	14.45	94.63	7.8	33.309	8.1	24.8	0.68	0.72
F22	20 Aug 2026	19	14.31	94.24	7.8	33.308	8.1	24.8	0.90	0.74
F22	20 Aug 2026	20	14.23	93.18	7.7	33.311	8.1	24.8	1.31	0.75
F22	20 Aug 2026	21	14.12	92.32	7.6	33.315	8.1	24.9	1.79	0.78
F22	20 Aug 2026	22	14.05	91.24	7.6	33.317	8.1	24.9	2.22	0.79
F22	20 Aug 2026	23	13.95	91.82	7.4	33.32	8.1	24.9	2.18	0.79
F22	20 Aug 2026	24	13.86	92.59	7.3	33.325	8.1	24.9	1.90	0.79
F22	20 Aug 2026	25	13.72	93.24	7.2	33.332	8.1	25.0	1.70	0.79
F22	20 Aug 2026	26	13.61	93.95	7.0	33.346	8.1	25.0	1.67	0.79
F22	20 Aug 2026	27	13.46	94.39	6.7	33.367	8.0	25.0	1.72	0.80
F22	20 Aug 2026	28	13.49	94.44	6.7	33.361	8.0	25.0	1.87	0.79
F22	20 Aug 2026	29	13.42	94.25	6.5	33.376	8.0	25.1	1.93	0.79
F22	20 Aug 2026	30	13.41	94.15	6.5	33.379	8.0	25.1	2.04	0.80
F22	20 Aug 2026	31	13.40	94.12	6.4	33.382	8.0	25.1	2.06	0.80
F22	20 Aug 2026	32	13.27	94.35	6.3	33.393	8.0	25.1	1.96	0.82
F22	20 Aug 2026	33	13.17	94.71	6.1	33.398	8.0	25.1	1.75	0.80
F22	20 Aug 2026	34	13.16	95.39	6.1	33.397	8.0	25.1	1.63	0.78
F22	20 Aug 2026	35	13.11	95.69	5.9	33.4	8.0	25.1	1.55	0.80
F22	20 Aug 2026	36	13.08	96.05	5.9	33.401	8.0	25.1	1.30	0.81
F22	20 Aug 2026	37	13.02	96.14	5.9	33.408	8.0	25.2	1.27	0.80
F22	20 Aug 2026	38	13.01	96.42	5.9	33.409	8.0	25.2	1.15	0.81
F22	20 Aug 2026	39	12.98	96.66	5.8	33.411	8.0	25.2	1.12	0.82
F22	20 Aug 2026	40	12.96	96.72	5.8	33.41	8.0	25.2	1.10	0.82
F22	20 Aug 2026	41	12.92	96.67	5.8	33.412	8.0	25.2	1.10	0.81
F22	20 Aug 2026	42	12.92	96.63	5.7	33.412	8.0	25.2	1.14	0.82
F22	20 Aug 2026	43	12.84	96.72	5.7	33.421	8.0	25.2	1.07	0.81
F22	20 Aug 2026	44	12.83	96.98	5.7	33.424	8.0	25.2	1.00	0.81
F22	20 Aug 2026	45	12.82	97.21	5.6	33.436	8.0	25.2	0.89	0.80
F22	20 Aug 2026	46	12.82	97.40	5.6	33.437	8.0	25.2	0.82	0.80
F22	20 Aug 2026	47	12.77	97.47	5.5	33.457	8.0	25.2	0.79	0.81
F22	20 Aug 2026	48	12.71	97.64	5.4	33.469	7.9	25.3	0.65	0.81
F22	20 Aug 2026	49	12.69	97.79	5.3	33.473	7.9	25.3	0.61	0.82
F22	20 Aug 2026	50	12.59	97.81	5.3	33.469	7.9	25.3	0.57	0.82
F22	20 Aug 2026	51	12.53	97.85	5.3	33.461	7.9	25.3	0.60	0.81
F22	20 Aug 2026	52	12.49	97.79	5.3	33.462	7.9	25.3	0.59	0.81
F22	20 Aug 2026	53	12.45	97.83	5.3	33.461	7.9	25.3	0.58	0.81
F22	20 Aug 2026	54	12.43	97.86	5.3	33.469	7.9	25.3	0.57	0.82
F22	20 Aug 2026	55	12.35	97.88	5.2	33.484	7.9	25.3	0.52	0.82
F22	20 Aug 2026	56	12.29	98.01	5.1	33.493	7.9	25.4	0.43	0.80
F22	20 Aug 2026	57	12.23	98.14	5.1	33.499	7.9	25.4	0.38	0.82
F22	20 Aug 2026	58	12.21	98.16	5.0	33.502	7.9	25.4	0.36	0.82
F22	20 Aug 2026	59	12.20	98.20	5.0	33.504	7.9	25.4	0.34	0.82
F22	20 Aug 2026	60	12.18	98.18	5.0	33.507	7.9	25.4	0.34	0.84
F22	20 Aug 2026	61	12.17	98.15	4.9	33.509	7.9	25.4	0.32	0.84
F22	20 Aug 2026	62	12.15	98.20	4.9	33.516	7.9	25.4	0.30	0.84

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F22	20 Aug 2026	63	12.12	98.17	4.9	33.52	7.9	25.4	0.30	0.85
F22	20 Aug 2026	64	12.06	98.19	4.9	33.527	7.9	25.4	0.28	0.84
F22	20 Aug 2026	65	12.02	98.20	4.8	33.532	7.9	25.4	0.27	0.85
F22	20 Aug 2026	66	11.94	98.20	4.8	33.537	7.9	25.5	0.26	0.86
F22	20 Aug 2026	67	11.80	98.22	4.8	33.549	7.9	25.5	0.27	0.85
F22	20 Aug 2026	68	11.76	98.36	4.8	33.547	7.9	25.5	0.29	0.83
F22	20 Aug 2026	69	11.67	98.43	4.8	33.566	7.9	25.5	0.27	0.82
F22	20 Aug 2026	70	11.62	98.56	4.7	33.569	7.9	25.5	0.25	0.83
F22	20 Aug 2026	71	11.61	98.56	4.7	33.57	7.9	25.6	0.24	0.86
F22	20 Aug 2026	72	11.60	98.47	4.6	33.574	7.9	25.6	0.22	0.86
F22	20 Aug 2026	73	11.59	98.14	4.6	33.577	7.8	25.6	0.23	0.84
F22	20 Aug 2026	74	11.54	98.06	4.6	33.581	7.8	25.6	0.22	0.84
F22	20 Aug 2026	75	11.53	98.26	4.6	33.583	7.8	25.6	0.21	0.84
F22	20 Aug 2026	76	11.52	98.46	4.6	33.587	7.8	25.6	0.22	0.84
F22	20 Aug 2026	77	11.47	98.60	4.6	33.598	7.8	25.6	0.21	0.85
F22	20 Aug 2026	78	11.44	98.47	4.5	33.607	7.8	25.6	0.19	0.85
F22	20 Aug 2026	79	11.44	98.33	4.5	33.609	7.8	25.6	0.18	0.85
F22	20 Aug 2026	80	11.42	97.47	4.4	33.616	7.8	25.6	0.18	0.86
F22	20 Aug 2026	81	11.41	95.76	4.4	33.618	7.8	25.6	0.17	0.86
F11	19 Aug 2026	1	19.94	92.75	7.6	33.367	8.1	23.5	0.31	0.73
F11	19 Aug 2026	2	19.84	92.80	7.7	33.36	8.1	23.6	0.32	0.76
F11	19 Aug 2026	3	19.74	93.08	7.7	33.366	8.1	23.6	0.35	0.73
F11	19 Aug 2026	4	19.15	93.49	7.8	33.373	8.2	23.7	0.37	0.71
F11	19 Aug 2026	5	18.43	93.58	7.9	33.363	8.2	23.9	0.42	0.70
F11	19 Aug 2026	6	17.73	93.19	7.9	33.367	8.2	24.1	0.48	0.70
F11	19 Aug 2026	7	16.74	92.84	8.1	33.336	8.2	24.3	0.54	0.73
F11	19 Aug 2026	8	16.24	92.70	8.2	33.312	8.1	24.4	0.50	0.72
F11	19 Aug 2026	9	16.04	93.18	8.1	33.306	8.1	24.4	0.49	0.70
F11	19 Aug 2026	10	15.78	93.27	7.9	33.314	8.1	24.5	0.64	0.72
F11	19 Aug 2026	11	15.48	91.85	7.9	33.31	8.1	24.6	0.98	0.80
F11	19 Aug 2026	12	15.44	91.86	7.9	33.305	8.1	24.6	0.91	0.78
F11	19 Aug 2026	13	15.20	92.38	7.8	33.311	8.1	24.6	0.89	0.76
F11	19 Aug 2026	14	14.85	93.12	7.7	33.314	8.1	24.7	0.74	0.72
F11	19 Aug 2026	15	14.75	93.54	7.7	33.313	8.1	24.7	0.79	0.72
F11	19 Aug 2026	16	14.63	93.39	7.5	33.313	8.1	24.8	0.91	0.73
F11	19 Aug 2026	17	14.51	93.13	7.5	33.314	8.1	24.8	1.06	0.74
F11	19 Aug 2026	18	14.45	92.61	7.4	33.32	8.1	24.8	1.31	0.74
F11	19 Aug 2026	19	14.26	91.61	7.4	33.329	8.1	24.8	1.76	0.75
F11	19 Aug 2026	20	14.12	90.79	7.3	33.333	8.1	24.9	2.42	0.78
F11	19 Aug 2026	21	14.07	90.56	7.3	33.336	8.1	24.9	2.44	0.80
F11	19 Aug 2026	22	14.02	90.12	7.1	33.339	8.1	24.9	2.82	0.79
F11	19 Aug 2026	23	13.88	89.97	6.9	33.346	8.1	24.9	2.93	0.81
F11	19 Aug 2026	24	13.77	90.52	6.8	33.35	8.0	25.0	2.64	0.85
F11	19 Aug 2026	25	13.68	92.38	6.6	33.351	8.0	25.0	2.22	0.84
F11	19 Aug 2026	26	13.55	93.69	6.4	33.356	8.0	25.0	1.88	0.84
F11	19 Aug 2026	27	13.51	94.30	6.4	33.355	8.0	25.0	1.73	0.83
F11	19 Aug 2026	28	13.37	95.00	6.3	33.366	8.0	25.1	1.55	0.82
F11	19 Aug 2026	29	13.32	95.73	6.3	33.368	8.0	25.1	1.31	0.82
F11	19 Aug 2026	30	13.22	96.26	6.3	33.373	8.0	25.1	1.25	0.82
F11	19 Aug 2026	31	13.15	96.50	6.2	33.371	8.0	25.1	1.08	0.83
F11	19 Aug 2026	32	13.15	96.74	6.3	33.37	8.0	25.1	0.93	0.81
F11	19 Aug 2026	33	13.14	96.85	6.3	33.373	8.0	25.1	0.98	0.81
F11	19 Aug 2026	34	13.11	96.89	6.3	33.372	8.0	25.1	0.92	0.80
F11	19 Aug 2026	35	13.07	96.99	6.3	33.373	8.0	25.1	0.88	0.80
F11	19 Aug 2026	36	13.04	97.11	6.2	33.376	8.0	25.1	0.84	0.82
F11	19 Aug 2026	37	13.01	97.26	6.2	33.378	8.0	25.1	0.80	0.79
F11	19 Aug 2026	38	12.88	97.35	6.2	33.387	8.0	25.2	0.78	0.80
F11	19 Aug 2026	39	12.82	97.60	6.1	33.388	8.0	25.2	0.70	0.78
F11	19 Aug 2026	40	12.77	97.72	6.0	33.396	8.0	25.2	0.70	0.78
F11	19 Aug 2026	41	12.66	97.72	5.9	33.41	8.0	25.2	0.66	0.81
F11	19 Aug 2026	42	12.63	97.86	5.8	33.413	8.0	25.2	0.62	0.81
F11	19 Aug 2026	43	12.60	97.99	5.8	33.418	8.0	25.2	0.61	0.79
F11	19 Aug 2026	44	12.56	97.99	5.7	33.422	8.0	25.3	0.61	0.81
F11	19 Aug 2026	45	12.57	97.96	5.7	33.421	8.0	25.3	0.64	0.80
F11	19 Aug 2026	46	12.53	97.91	5.6	33.429	8.0	25.3	0.62	0.80
F11	19 Aug 2026	47	12.49	97.92	5.6	33.433	7.9	25.3	0.59	0.82
F11	19 Aug 2026	48	12.46	98.00	5.6	33.436	7.9	25.3	0.57	0.82
F11	19 Aug 2026	49	12.45	98.04	5.6	33.436	7.9	25.3	0.57	0.81
F11	19 Aug 2026	50	12.42	98.04	5.6	33.438	7.9	25.3	0.54	0.82
F11	19 Aug 2026	51	12.42	98.09	5.5	33.438	7.9	25.3	0.52	0.82
F11	19 Aug 2026	52	12.39	97.97	5.5	33.444	7.9	25.3	0.55	0.82
F11	19 Aug 2026	53	12.36	97.78	5.4	33.448	7.9	25.3	0.50	0.83
F11	19 Aug 2026	54	12.37	97.54	5.4	33.446	7.9	25.3	0.45	0.83

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F11	19 Aug 2026	55	12.35	97.50	5.3	33.451	7.9	25.3	0.45	0.83
F11	19 Aug 2026	56	12.33	97.09	5.3	33.455	7.9	25.3	0.43	0.83
F11	19 Aug 2026	57	12.29	96.08	5.2	33.463	7.9	25.3	0.44	0.84
F11	19 Aug 2026	58	12.25	95.60	4.9	33.474	7.9	25.4	0.39	0.85
F11	19 Aug 2026	59	12.24	93.90	4.7	33.48	7.9	25.4	0.27	0.97
F11	19 Aug 2026	60	12.23	90.09	4.7	33.479	7.9	25.4	0.24	1.01
F11	19 Aug 2026	61	12.21	87.67	4.7	33.482	7.9	25.4	0.25	0.99
F34	18 Aug 2026	1	20.35	92.53	7.7	33.365	8.1	23.4	0.36	0.65
F34	18 Aug 2026	2	20.32	92.25	7.6	33.369	8.1	23.4	0.34	0.66
F34	18 Aug 2026	3	20.23	92.29	7.6	33.366	8.1	23.5	0.37	0.64
F34	18 Aug 2026	4	20.21	92.97	7.7	33.367	8.1	23.5	0.39	0.67
F34	18 Aug 2026	5	20.13	93.01	7.6	33.366	8.1	23.5	0.42	0.67
F34	18 Aug 2026	6	20.08	93.08	7.7	33.364	8.1	23.5	0.45	0.67
F34	18 Aug 2026	7	20.01	93.15	7.7	33.365	8.2	23.5	0.48	0.66
F34	18 Aug 2026	8	19.93	93.33	7.8	33.362	8.2	23.5	0.47	0.66
F34	18 Aug 2026	9	19.87	93.59	7.7	33.367	8.2	23.6	0.47	0.67
F34	18 Aug 2026	10	19.14	93.84	7.9	33.371	8.2	23.7	0.42	0.62
F34	18 Aug 2026	11	18.67	94.10	7.9	33.384	8.2	23.9	0.41	0.62
F34	18 Aug 2026	12	16.57	94.12	8.3	33.35	8.2	24.3	0.43	0.65
F34	18 Aug 2026	13	16.14	94.09	8.2	33.308	8.2	24.4	0.44	0.63
F34	18 Aug 2026	14	15.48	94.16	8.2	33.296	8.1	24.6	0.43	0.65
F34	18 Aug 2026	15	15.18	94.43	8.1	33.288	8.1	24.6	0.43	0.68
F34	18 Aug 2026	16	14.98	94.66	8.1	33.271	8.1	24.6	0.47	0.68
F34	18 Aug 2026	17	14.79	95.07	7.9	33.275	8.1	24.7	0.50	0.72
F34	18 Aug 2026	18	14.68	95.15	7.9	33.283	8.1	24.7	0.61	0.71
F34	18 Aug 2026	19	14.75	95.04	7.9	33.284	8.1	24.7	0.66	0.71
F34	18 Aug 2026	20	14.46	94.95	7.8	33.3	8.1	24.8	0.68	0.71
F34	18 Aug 2026	21	14.44	94.50	7.8	33.3	8.1	24.8	1.01	0.76
F34	18 Aug 2026	22	14.28	93.29	7.6	33.321	8.1	24.8	1.03	0.76
F34	18 Aug 2026	23	13.99	93.06	7.4	33.326	8.1	24.9	1.39	0.76
F34	18 Aug 2026	24	13.98	93.12	7.4	33.319	8.1	24.9	1.53	0.79
F34	18 Aug 2026	25	13.80	93.38	7.2	33.338	8.1	24.9	1.54	0.78
F34	18 Aug 2026	26	13.72	94.52	7.1	33.334	8.1	25.0	1.32	0.79
F34	18 Aug 2026	27	13.55	95.37	7.0	33.342	8.1	25.0	1.32	0.77
F34	18 Aug 2026	28	13.52	95.62	7.0	33.337	8.0	25.0	1.23	0.78
F34	18 Aug 2026	29	13.48	95.85	6.9	33.339	8.0	25.0	1.21	0.79
F34	18 Aug 2026	30	13.43	95.98	6.9	33.34	8.0	25.0	1.14	0.78
F34	18 Aug 2026	31	13.43	96.05	6.8	33.34	8.0	25.0	1.11	0.79
F34	18 Aug 2026	32	13.25	96.17	6.7	33.356	8.0	25.1	1.05	0.77
F34	18 Aug 2026	33	13.20	96.60	6.5	33.357	8.0	25.1	0.90	0.79
F34	18 Aug 2026	34	13.14	96.65	6.4	33.369	8.0	25.1	0.93	0.80
F34	18 Aug 2026	35	13.07	96.79	6.2	33.382	8.0	25.1	0.99	0.80
F34	18 Aug 2026	36	12.87	96.91	5.9	33.412	8.0	25.2	1.02	0.81
F34	18 Aug 2026	37	12.82	97.07	5.7	33.414	8.0	25.2	1.07	0.79
F34	18 Aug 2026	38	12.79	97.17	5.7	33.416	7.9	25.2	1.02	0.80
F34	18 Aug 2026	39	12.79	97.26	5.7	33.414	7.9	25.2	1.01	0.82
F34	18 Aug 2026	40	12.77	97.25	5.7	33.416	7.9	25.2	0.99	0.80
F34	18 Aug 2026	41	12.78	97.18	5.7	33.414	7.9	25.2	1.00	0.81
F34	18 Aug 2026	42	12.77	97.25	5.7	33.415	7.9	25.2	0.99	0.82
F34	18 Aug 2026	43	12.70	97.21	5.6	33.422	7.9	25.2	0.98	0.82
F34	18 Aug 2026	44	12.66	97.21	5.6	33.427	7.9	25.2	0.90	0.82
F34	18 Aug 2026	45	12.62	97.35	5.5	33.431	7.9	25.3	0.85	0.82
F34	18 Aug 2026	46	12.59	97.47	5.5	33.433	7.9	25.3	0.79	0.81
F34	18 Aug 2026	47	12.58	97.53	5.5	33.434	7.9	25.3	0.76	0.81
F34	18 Aug 2026	48	12.57	97.57	5.4	33.436	7.9	25.3	0.74	0.82
F34	18 Aug 2026	49	12.56	97.53	5.4	33.437	7.9	25.3	0.73	0.82
F34	18 Aug 2026	50	12.42	97.59	5.3	33.462	7.9	25.3	0.67	0.83
F34	18 Aug 2026	51	12.45	97.72	5.3	33.454	7.9	25.3	0.62	0.83
F34	18 Aug 2026	52	12.34	97.80	5.2	33.473	7.9	25.3	0.59	0.83
F34	18 Aug 2026	53	12.30	97.94	5.2	33.475	7.9	25.3	0.49	0.84
F34	18 Aug 2026	54	12.27	98.02	5.2	33.477	7.9	25.4	0.47	0.84
F34	18 Aug 2026	55	12.28	98.08	5.2	33.474	7.9	25.4	0.48	0.84
F34	18 Aug 2026	56	12.18	98.07	5.1	33.487	7.9	25.4	0.44	0.83
F34	18 Aug 2026	57	12.14	98.13	5.1	33.489	7.9	25.4	0.39	0.83
F34	18 Aug 2026	58	12.10	98.20	5.1	33.5	7.9	25.4	0.37	0.83
F34	18 Aug 2026	59	12.08	98.21	5.0	33.505	7.9	25.4	0.34	0.83
F34	18 Aug 2026	60	12.09	98.20	5.0	33.503	7.9	25.4	0.33	0.84
F34	18 Aug 2026	61	12.06	98.22	5.0	33.51	7.9	25.4	0.34	0.84
F34	18 Aug 2026	62	12.04	98.19	5.0	33.511	7.9	25.4	0.34	0.84
F34	18 Aug 2026	63	12.00	98.28	5.0	33.51	7.9	25.4	0.31	0.85
F34	18 Aug 2026	64	11.98	98.29	5.0	33.512	7.9	25.4	0.31	0.82
F34	18 Aug 2026	65	11.89	98.33	5.0	33.52	7.9	25.5	0.30	0.82
F34	18 Aug 2026	66	11.89	98.35	5.0	33.517	7.9	25.5	0.33	0.83

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F34	18 Aug 2026	67	11.82	98.49	5.0	33.525	7.9	25.5	0.33	0.85
F34	18 Aug 2026	68	11.78	98.47	4.9	33.532	7.8	25.5	0.29	0.83
F34	18 Aug 2026	69	11.78	98.49	4.9	33.532	7.8	25.5	0.30	0.83
F34	18 Aug 2026	70	11.76	98.48	4.9	33.537	7.8	25.5	0.28	0.84
F34	18 Aug 2026	71	11.75	98.48	4.8	33.541	7.8	25.5	0.27	0.84
F34	18 Aug 2026	72	11.75	98.45	4.8	33.542	7.8	25.5	0.27	0.84
F34	18 Aug 2026	73	11.74	98.45	4.8	33.542	7.8	25.5	0.26	0.85
F34	18 Aug 2026	74	11.73	98.46	4.8	33.546	7.8	25.5	0.27	0.84
F34	18 Aug 2026	75	11.70	98.47	4.8	33.551	7.8	25.5	0.27	0.86
F34	18 Aug 2026	76	11.68	98.44	4.8	33.553	7.8	25.5	0.26	0.84
F34	18 Aug 2026	77	11.66	98.39	4.7	33.553	7.8	25.5	0.25	0.82
F34	18 Aug 2026	78	11.66	98.41	4.7	33.554	7.8	25.5	0.27	0.84
F34	18 Aug 2026	79	11.65	98.43	4.7	33.556	7.8	25.5	0.26	0.85
F34	18 Aug 2026	80	11.63	98.40	4.7	33.558	7.8	25.5	0.25	0.86
F34	18 Aug 2026	81	11.62	98.37	4.7	33.561	7.8	25.5	0.25	0.85
F34	18 Aug 2026	82	11.58	98.36	4.6	33.569	7.8	25.6	0.24	0.85
F34	18 Aug 2026	83	11.58	98.36	4.6	33.569	7.8	25.6	0.25	0.85
F34	18 Aug 2026	84	11.53	98.41	4.6	33.586	7.8	25.6	0.22	0.85
F34	18 Aug 2026	85	11.52	98.51	4.6	33.586	7.8	25.6	0.21	0.85
F34	18 Aug 2026	86	11.52	98.49	4.6	33.588	7.8	25.6	0.22	0.85
F34	18 Aug 2026	87	11.51	98.53	4.6	33.59	7.8	25.6	0.21	0.85
F34	18 Aug 2026	88	11.50	98.56	4.6	33.596	7.8	25.6	0.20	0.85
F34	18 Aug 2026	89	11.48	98.56	4.6	33.602	7.8	25.6	0.20	0.85
F34	18 Aug 2026	90	11.48	98.61	4.5	33.604	7.8	25.6	0.20	0.85
F34	18 Aug 2026	91	11.45	98.63	4.5	33.613	7.8	25.6	0.19	0.85
F34	18 Aug 2026	92	11.44	98.67	4.5	33.619	7.8	25.6	0.19	0.84
F34	18 Aug 2026	93	11.44	98.63	4.4	33.62	7.8	25.6	0.19	0.85
F34	18 Aug 2026	94	11.42	98.61	4.4	33.625	7.8	25.6	0.18	0.85
F34	18 Aug 2026	95	11.41	98.56	4.4	33.631	7.8	25.6	0.18	0.85
F34	18 Aug 2026	96	11.36	98.49	4.3	33.653	7.8	25.7	0.16	0.84
F34	18 Aug 2026	97	11.35	98.31	4.3	33.654	7.8	25.7	0.15	0.86
F34	18 Aug 2026	98	11.30	98.18	4.2	33.68	7.8	25.7	0.16	0.89
F34	18 Aug 2026	99	11.25	97.86	4.1	33.703	7.8	25.7	0.13	0.85
F34	18 Aug 2026	100	11.24	97.52	4.0	33.706	7.8	25.7	0.12	0.88
F23	20 Aug 2026	1	21.33	93.02	7.5	33.389	8.2	23.2	0.36	0.60
F23	20 Aug 2026	2	21.36	93.08	7.4	33.391	8.2	23.2	0.36	0.62
F23	20 Aug 2026	3	21.09	92.23	7.4	33.412	8.2	23.3	0.38	0.59
F23	20 Aug 2026	4	20.36	93.04	7.7	33.402	8.2	23.4	0.39	0.61
F23	20 Aug 2026	5	19.27	93.34	7.9	33.411	8.2	23.7	0.42	0.62
F23	20 Aug 2026	6	18.41	93.58	8.2	33.359	8.2	23.9	0.44	0.62
F23	20 Aug 2026	7	17.58	93.29	8.1	33.365	8.2	24.1	0.50	0.67
F23	20 Aug 2026	8	16.64	92.94	8.2	33.332	8.2	24.3	0.54	0.71
F23	20 Aug 2026	9	16.26	93.07	8.1	33.298	8.2	24.4	0.52	0.71
F23	20 Aug 2026	10	16.09	94.13	8.1	33.274	8.2	24.4	0.48	0.64
F23	20 Aug 2026	11	16.02	94.83	8.1	33.287	8.2	24.4	0.50	0.63
F23	20 Aug 2026	12	15.83	94.72	8.0	33.29	8.2	24.5	0.56	0.66
F23	20 Aug 2026	13	15.61	94.53	7.9	33.296	8.2	24.5	0.64	0.67
F23	20 Aug 2026	14	15.38	94.52	7.9	33.295	8.1	24.6	0.63	0.68
F23	20 Aug 2026	15	15.46	94.63	7.9	33.286	8.1	24.6	0.64	0.67
F23	20 Aug 2026	16	15.18	94.60	8.0	33.303	8.1	24.6	0.66	0.70
F23	20 Aug 2026	17	15.14	94.55	8.0	33.3	8.1	24.6	0.67	0.70
F23	20 Aug 2026	18	15.13	94.52	8.0	33.302	8.1	24.6	0.67	0.69
F23	20 Aug 2026	19	15.05	94.58	8.0	33.311	8.1	24.7	0.68	0.70
F23	20 Aug 2026	20	14.84	94.55	7.9	33.319	8.1	24.7	0.69	0.70
F23	20 Aug 2026	21	14.62	94.41	7.9	33.308	8.1	24.8	0.76	0.70
F23	20 Aug 2026	22	14.53	94.27	7.8	33.307	8.1	24.8	0.84	0.74
F23	20 Aug 2026	23	14.44	93.94	7.8	33.307	8.1	24.8	1.06	0.75
F23	20 Aug 2026	24	14.38	93.30	7.7	33.314	8.1	24.8	1.16	0.76
F23	20 Aug 2026	25	14.15	92.79	7.6	33.32	8.1	24.9	1.81	0.77
F23	20 Aug 2026	26	13.94	91.82	7.4	33.334	8.1	24.9	2.26	0.78
F23	20 Aug 2026	27	13.68	92.28	7.2	33.33	8.1	25.0	1.62	0.79
F23	20 Aug 2026	28	13.59	94.71	7.1	33.333	8.1	25.0	1.34	0.77
F23	20 Aug 2026	29	13.54	95.31	6.9	33.345	8.1	25.0	1.37	0.78
F23	20 Aug 2026	30	13.35	94.77	6.5	33.387	8.0	25.1	1.61	0.79
F23	20 Aug 2026	31	13.25	94.47	6.2	33.39	8.0	25.1	1.81	0.80
F23	20 Aug 2026	32	13.23	94.85	6.2	33.39	8.0	25.1	1.66	0.81
F23	20 Aug 2026	33	13.24	95.27	6.2	33.391	8.0	25.1	1.64	0.79
F23	20 Aug 2026	34	13.18	95.50	6.1	33.392	8.0	25.1	1.59	0.81
F23	20 Aug 2026	35	13.13	95.68	6.0	33.4	8.0	25.1	1.43	0.80
F23	20 Aug 2026	36	13.13	96.01	6.0	33.4	8.0	25.1	1.26	0.80
F23	20 Aug 2026	37	13.09	96.52	5.9	33.411	8.0	25.1	1.18	0.80
F23	20 Aug 2026	38	13.04	96.78	5.8	33.419	8.0	25.2	0.97	0.81
F23	20 Aug 2026	39	12.99	96.96	5.8	33.428	8.0	25.2	0.91	0.80

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F23	20 Aug 2026	40	12.98	97.29	5.8	33.429	8.0	25.2	0.83	0.79
F23	20 Aug 2026	41	12.97	97.41	5.8	33.428	8.0	25.2	0.84	0.81
F23	20 Aug 2026	42	12.95	97.44	5.7	33.434	8.0	25.2	0.82	0.80
F23	20 Aug 2026	43	12.88	97.46	5.7	33.447	8.0	25.2	0.80	0.80
F23	20 Aug 2026	44	12.80	97.57	5.5	33.455	8.0	25.2	0.71	0.79
F23	20 Aug 2026	45	12.79	97.69	5.5	33.456	8.0	25.2	0.68	0.80
F23	20 Aug 2026	46	12.69	97.73	5.4	33.468	7.9	25.3	0.65	0.81
F23	20 Aug 2026	47	12.66	97.75	5.4	33.471	7.9	25.3	0.60	0.82
F23	20 Aug 2026	48	12.63	97.77	5.3	33.475	7.9	25.3	0.59	0.83
F23	20 Aug 2026	49	12.63	97.80	5.3	33.472	7.9	25.3	0.56	0.81
F23	20 Aug 2026	50	12.62	97.85	5.3	33.476	7.9	25.3	0.55	0.82
F23	20 Aug 2026	51	12.60	97.89	5.3	33.477	7.9	25.3	0.54	0.82
F23	20 Aug 2026	52	12.57	97.89	5.3	33.484	7.9	25.3	0.53	0.81
F23	20 Aug 2026	53	12.48	97.90	5.2	33.491	7.9	25.3	0.49	0.80
F23	20 Aug 2026	54	12.41	97.98	5.2	33.491	7.9	25.3	0.45	0.81
F23	20 Aug 2026	55	12.41	98.02	5.2	33.488	7.9	25.3	0.45	0.84
F23	20 Aug 2026	56	12.36	98.03	5.1	33.497	7.9	25.4	0.43	0.83
F23	20 Aug 2026	57	12.31	98.06	5.1	33.499	7.9	25.4	0.40	0.82
F23	20 Aug 2026	58	12.27	98.06	5.0	33.502	7.9	25.4	0.40	0.83
F23	20 Aug 2026	59	12.25	98.05	5.0	33.505	7.9	25.4	0.39	0.84
F23	20 Aug 2026	60	12.26	98.07	5.0	33.504	7.9	25.4	0.39	0.83
F23	20 Aug 2026	61	12.22	98.03	5.0	33.509	7.9	25.4	0.37	0.83
F23	20 Aug 2026	62	12.20	98.06	5.0	33.51	7.9	25.4	0.34	0.84
F23	20 Aug 2026	63	12.18	98.08	5.0	33.509	7.9	25.4	0.33	0.85
F23	20 Aug 2026	64	12.17	98.08	5.0	33.509	7.9	25.4	0.34	0.86
F23	20 Aug 2026	65	12.11	98.09	5.0	33.508	7.9	25.4	0.32	0.85
F23	20 Aug 2026	66	12.04	98.03	5.1	33.501	7.9	25.4	0.35	0.84
F23	20 Aug 2026	67	12.02	98.21	5.0	33.51	7.9	25.4	0.35	0.82
F23	20 Aug 2026	68	11.93	98.29	5.0	33.519	7.9	25.5	0.32	0.82
F23	20 Aug 2026	69	11.86	98.34	4.9	33.529	7.9	25.5	0.32	0.82
F23	20 Aug 2026	70	11.83	98.45	4.9	33.531	7.9	25.5	0.33	0.83
F23	20 Aug 2026	71	11.69	98.55	4.8	33.565	7.9	25.5	0.33	0.85
F23	20 Aug 2026	72	11.65	98.58	4.7	33.573	7.9	25.5	0.28	0.83
F23	20 Aug 2026	73	11.63	98.61	4.7	33.574	7.9	25.6	0.25	0.82
F23	20 Aug 2026	74	11.61	98.62	4.7	33.576	7.9	25.6	0.25	0.81
F23	20 Aug 2026	75	11.59	98.69	4.7	33.58	7.9	25.6	0.25	0.83
F23	20 Aug 2026	76	11.58	98.71	4.6	33.582	7.8	25.6	0.25	0.83
F23	20 Aug 2026	77	11.54	98.73	4.6	33.587	7.8	25.6	0.23	0.84
F23	20 Aug 2026	78	11.48	98.72	4.6	33.596	7.8	25.6	0.22	0.84
F23	20 Aug 2026	79	11.44	98.71	4.5	33.608	7.8	25.6	0.20	0.84
F23	20 Aug 2026	80	11.44	98.35	4.5	33.607	7.8	25.6	0.19	0.84
F23	20 Aug 2026	81	11.43	96.41	4.4	33.621	7.8	25.6	0.19	0.86
F23	20 Aug 2026	82	11.42	94.82	4.3	33.624	7.8	25.6	0.16	0.88
F12	19 Aug 2026	1	19.73	93.74	7.8	33.342	8.2	23.6	0.36	0.74
F12	19 Aug 2026	2	19.71	93.77	7.8	33.345	8.2	23.6	0.38	0.73
F12	19 Aug 2026	3	19.60	93.80	7.8	33.348	8.2	23.6	0.39	0.71
F12	19 Aug 2026	4	19.48	93.43	7.8	33.347	8.2	23.6	0.43	0.70
F12	19 Aug 2026	5	19.18	93.47	7.8	33.351	8.2	23.7	0.48	0.72
F12	19 Aug 2026	6	18.72	93.24	7.8	33.366	8.2	23.8	0.50	0.72
F12	19 Aug 2026	7	17.81	93.20	8.0	33.364	8.2	24.1	0.53	0.69
F12	19 Aug 2026	8	17.06	93.24	8.0	33.342	8.1	24.2	0.64	0.71
F12	19 Aug 2026	9	16.51	93.33	8.1	33.316	8.1	24.3	0.70	0.73
F12	19 Aug 2026	10	16.17	93.16	8.1	33.309	8.1	24.4	0.73	0.71
F12	19 Aug 2026	11	15.97	93.11	8.2	33.299	8.1	24.4	0.74	0.73
F12	19 Aug 2026	12	15.87	93.10	8.1	33.293	8.1	24.5	0.72	0.72
F12	19 Aug 2026	13	15.77	93.33	8.1	33.296	8.1	24.5	0.73	0.72
F12	19 Aug 2026	14	15.62	93.30	8.0	33.297	8.1	24.5	0.81	0.75
F12	19 Aug 2026	15	15.47	92.93	8.0	33.305	8.1	24.6	0.91	0.76
F12	19 Aug 2026	16	15.27	92.89	8.0	33.303	8.1	24.6	0.88	0.75
F12	19 Aug 2026	17	15.05	93.18	7.9	33.314	8.1	24.7	0.88	0.75
F12	19 Aug 2026	18	14.89	93.16	7.8	33.309	8.1	24.7	0.92	0.73
F12	19 Aug 2026	19	14.86	93.13	7.7	33.31	8.1	24.7	0.94	0.74
F12	19 Aug 2026	20	14.81	93.16	7.7	33.313	8.1	24.7	0.96	0.72
F12	19 Aug 2026	21	14.78	93.34	7.7	33.31	8.1	24.7	0.97	0.75
F12	19 Aug 2026	22	14.63	93.45	7.6	33.316	8.1	24.8	1.00	0.73
F12	19 Aug 2026	23	14.40	93.36	7.4	33.32	8.1	24.8	1.15	0.76
F12	19 Aug 2026	24	14.32	92.66	7.4	33.324	8.1	24.8	1.52	0.74
F12	19 Aug 2026	25	14.26	92.18	7.4	33.33	8.1	24.8	1.66	0.78
F12	19 Aug 2026	26	14.16	91.65	7.3	33.335	8.1	24.9	1.75	0.79
F12	19 Aug 2026	27	14.08	91.16	7.2	33.337	8.1	24.9	2.11	0.81
F12	19 Aug 2026	28	13.95	90.74	7.0	33.344	8.1	24.9	2.33	0.82
F12	19 Aug 2026	29	13.89	90.71	6.9	33.343	8.1	24.9	2.55	0.86
F12	19 Aug 2026	30	13.68	93.10	6.8	33.353	8.0	25.0	2.35	0.85

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F12	19 Aug 2026	31	13.57	94.78	6.8	33.348	8.0	25.0	1.47	0.83
F12	19 Aug 2026	32	13.53	95.38	6.7	33.348	8.0	25.0	1.22	0.84
F12	19 Aug 2026	33	13.50	95.53	6.6	33.35	8.0	25.0	1.16	0.81
F12	19 Aug 2026	34	13.48	95.79	6.6	33.35	8.0	25.0	1.13	0.83
F12	19 Aug 2026	35	13.37	96.01	6.5	33.366	8.0	25.1	1.10	0.83
F12	19 Aug 2026	36	13.28	96.35	6.4	33.361	8.0	25.1	1.03	0.80
F12	19 Aug 2026	37	13.23	96.55	6.5	33.362	8.0	25.1	0.96	0.81
F12	19 Aug 2026	38	13.19	96.75	6.5	33.362	8.0	25.1	0.93	0.82
F12	19 Aug 2026	39	13.17	96.86	6.5	33.361	8.0	25.1	0.95	0.81
F12	19 Aug 2026	40	13.13	96.92	6.4	33.362	8.0	25.1	0.90	0.79
F12	19 Aug 2026	41	13.12	97.02	6.4	33.365	8.0	25.1	0.92	0.80
F12	19 Aug 2026	42	13.06	97.10	6.4	33.369	8.0	25.1	0.85	0.80
F12	19 Aug 2026	43	12.94	97.23	6.3	33.38	8.0	25.1	0.80	0.80
F12	19 Aug 2026	44	12.80	97.45	6.1	33.391	8.0	25.2	0.74	0.80
F12	19 Aug 2026	45	12.70	97.85	6.0	33.398	8.0	25.2	0.62	0.80
F12	19 Aug 2026	46	12.65	98.04	5.9	33.405	8.0	25.2	0.59	0.81
F12	19 Aug 2026	47	12.64	98.03	5.9	33.409	8.0	25.2	0.63	0.79
F12	19 Aug 2026	48	12.52	98.04	5.8	33.424	8.0	25.3	0.59	0.80
F12	19 Aug 2026	49	12.45	98.14	5.7	33.432	8.0	25.3	0.54	0.80
F12	19 Aug 2026	50	12.44	98.19	5.6	33.431	7.9	25.3	0.52	0.81
F12	19 Aug 2026	51	12.41	98.20	5.6	33.435	7.9	25.3	0.51	0.80
F12	19 Aug 2026	52	12.41	98.19	5.6	33.435	7.9	25.3	0.51	0.81
F12	19 Aug 2026	53	12.39	98.20	5.6	33.438	7.9	25.3	0.51	0.81
F12	19 Aug 2026	54	12.36	98.21	5.5	33.441	7.9	25.3	0.49	0.81
F12	19 Aug 2026	55	12.33	98.27	5.5	33.445	7.9	25.3	0.47	0.83
F12	19 Aug 2026	56	12.32	98.31	5.5	33.447	7.9	25.3	0.46	0.82
F12	19 Aug 2026	57	12.30	98.30	5.4	33.454	7.9	25.3	0.46	0.81
F12	19 Aug 2026	58	12.27	98.22	5.3	33.463	7.9	25.3	0.46	0.82
F12	19 Aug 2026	59	12.26	97.52	5.2	33.466	7.9	25.3	0.41	0.84
F12	19 Aug 2026	60	12.18	96.73	5.1	33.485	7.9	25.4	0.40	0.85
F12	19 Aug 2026	61	12.13	95.51	4.8	33.498	7.9	25.4	0.32	0.90
F12	19 Aug 2026	62	12.11	92.58	4.7	33.5	7.9	25.4	0.27	0.93
F02	19 Aug 2026	1	18.98	91.42	7.9	33.33	8.1	23.7	0.52	0.74
F02	19 Aug 2026	2	19.08	91.21	7.9	33.348	8.1	23.7	0.50	0.73
F02	19 Aug 2026	3	18.73	91.31	7.8	33.37	8.1	23.8	0.53	0.76
F02	19 Aug 2026	4	18.29	90.89	7.9	33.347	8.1	23.9	0.57	0.76
F02	19 Aug 2026	5	18.16	90.44	7.9	33.34	8.1	24.0	0.62	0.76
F02	19 Aug 2026	6	17.17	90.18	7.9	33.386	8.1	24.2	0.66	0.78
F02	19 Aug 2026	7	16.50	90.54	8.0	33.345	8.1	24.4	0.75	0.81
F02	19 Aug 2026	8	16.21	90.36	8.0	33.323	8.1	24.4	0.83	0.81
F02	19 Aug 2026	9	16.15	89.91	7.9	33.334	8.1	24.4	0.93	0.84
F02	19 Aug 2026	10	15.65	89.66	7.8	33.329	8.1	24.5	0.99	0.86
F02	19 Aug 2026	11	15.32	88.62	7.6	33.34	8.1	24.6	1.40	0.89
F02	19 Aug 2026	12	15.03	86.87	7.4	33.329	8.1	24.7	2.11	0.89
F02	19 Aug 2026	13	14.77	87.21	7.1	33.339	8.1	24.7	2.15	0.90
F02	19 Aug 2026	14	14.76	87.88	7.1	33.327	8.1	24.7	1.75	0.92
F02	19 Aug 2026	15	14.64	88.59	7.0	33.341	8.1	24.8	1.82	0.90
F02	19 Aug 2026	16	14.61	89.80	6.9	33.337	8.0	24.8	1.54	0.91
F02	19 Aug 2026	17	14.60	90.02	6.8	33.339	8.0	24.8	1.47	0.91
F02	19 Aug 2026	18	14.57	90.29	6.8	33.342	8.0	24.8	1.42	0.92
F02	19 Aug 2026	19	14.53	90.24	6.7	33.346	8.0	24.8	1.27	0.94
F02	19 Aug 2026	20	14.30	90.00	6.5	33.35	8.0	24.9	1.06	0.96
F35	18 Aug 2026	1	20.84	84.68	7.7	33.39	8.2	23.3	0.42	0.62
F35	18 Aug 2026	2	20.86	87.46	7.7	33.389	8.2	23.3	0.42	0.65
F35	18 Aug 2026	3	20.91	90.52	7.6	33.39	8.2	23.3	0.42	0.65
F35	18 Aug 2026	4	20.93	91.72	7.6	33.398	8.2	23.3	0.45	0.64
F35	18 Aug 2026	5	20.76	92.44	7.6	33.397	8.2	23.3	0.46	0.67
F35	18 Aug 2026	6	20.67	92.55	7.6	33.392	8.2	23.4	0.49	0.65
F35	18 Aug 2026	7	20.47	92.72	7.7	33.388	8.2	23.4	0.52	0.66
F35	18 Aug 2026	8	20.09	92.90	7.7	33.389	8.2	23.5	0.50	0.67
F35	18 Aug 2026	9	19.79	93.21	7.8	33.37	8.2	23.6	0.46	0.66
F35	18 Aug 2026	10	19.68	93.10	7.8	33.362	8.2	23.6	0.49	0.68
F35	18 Aug 2026	11	18.89	93.22	7.8	33.394	8.2	23.8	0.50	0.67
F35	18 Aug 2026	12	17.85	93.78	8.0	33.359	8.2	24.1	0.51	0.63
F35	18 Aug 2026	13	16.80	94.23	8.2	33.331	8.2	24.3	0.51	0.63
F35	18 Aug 2026	14	16.15	94.33	8.2	33.32	8.2	24.4	0.53	0.65
F35	18 Aug 2026	15	15.62	94.22	8.2	33.291	8.1	24.5	0.55	0.69
F35	18 Aug 2026	16	15.54	94.51	8.2	33.28	8.1	24.5	0.54	0.67
F35	18 Aug 2026	17	15.25	94.63	8.2	33.289	8.1	24.6	0.56	0.67
F35	18 Aug 2026	18	15.05	94.35	8.2	33.281	8.1	24.6	0.69	0.71
F35	18 Aug 2026	19	14.87	93.72	8.1	33.309	8.1	24.7	0.75	0.71
F35	18 Aug 2026	20	14.63	92.93	8.0	33.311	8.1	24.7	1.05	0.74

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F35	18 Aug 2026	21	14.33	92.22	7.8	33.316	8.1	24.8	1.29	0.78
F35	18 Aug 2026	22	14.28	92.11	7.7	33.317	8.1	24.8	1.62	0.77
F35	18 Aug 2026	23	14.13	92.61	7.6	33.318	8.1	24.9	1.62	0.78
F35	18 Aug 2026	24	14.11	92.86	7.5	33.319	8.1	24.9	1.67	0.79
F35	18 Aug 2026	25	13.92	93.13	7.3	33.332	8.1	24.9	1.70	0.79
F35	18 Aug 2026	26	13.77	94.45	7.0	33.339	8.1	25.0	1.55	0.81
F35	18 Aug 2026	27	13.64	94.94	6.9	33.343	8.0	25.0	1.23	0.80
F35	18 Aug 2026	28	13.54	95.93	6.9	33.352	8.0	25.0	1.14	0.78
F35	18 Aug 2026	29	13.50	96.52	6.8	33.345	8.0	25.0	0.98	0.79
F35	18 Aug 2026	30	13.44	96.67	6.8	33.345	8.0	25.0	0.99	0.79
F35	18 Aug 2026	31	13.41	96.69	6.8	33.342	8.0	25.0	0.91	0.79
F35	18 Aug 2026	32	13.31	96.78	6.7	33.353	8.0	25.1	0.91	0.80
F35	18 Aug 2026	33	13.15	96.94	6.6	33.361	8.0	25.1	0.82	0.77
F35	18 Aug 2026	34	13.13	97.19	6.5	33.357	8.0	25.1	0.80	0.79
F35	18 Aug 2026	35	13.08	97.31	6.5	33.36	8.0	25.1	0.77	0.79
F35	18 Aug 2026	36	13.07	97.34	6.5	33.36	8.0	25.1	0.76	0.79
F35	18 Aug 2026	37	13.03	97.41	6.4	33.361	8.0	25.1	0.74	0.78
F35	18 Aug 2026	38	13.01	97.44	6.3	33.365	8.0	25.1	0.77	0.80
F35	18 Aug 2026	39	12.76	97.48	6.1	33.396	8.0	25.2	0.74	0.80
F35	18 Aug 2026	40	12.81	97.58	6.1	33.391	8.0	25.2	0.72	0.79
F35	18 Aug 2026	41	12.65	97.58	5.9	33.415	8.0	25.2	0.72	0.78
F35	18 Aug 2026	42	12.67	97.62	5.8	33.41	7.9	25.2	0.74	0.82
F35	18 Aug 2026	43	12.58	97.58	5.7	33.428	7.9	25.3	0.71	0.81
F35	18 Aug 2026	44	12.57	97.58	5.7	33.429	7.9	25.3	0.70	0.80
F35	18 Aug 2026	45	12.47	97.65	5.6	33.443	7.9	25.3	0.65	0.80
F35	18 Aug 2026	46	12.43	97.74	5.5	33.445	7.9	25.3	0.61	0.82
F35	18 Aug 2026	47	12.39	97.89	5.5	33.448	7.9	25.3	0.57	0.80
F35	18 Aug 2026	48	12.35	97.91	5.4	33.455	7.9	25.3	0.55	0.79
F35	18 Aug 2026	49	12.36	97.91	5.4	33.451	7.9	25.3	0.53	0.82
F35	18 Aug 2026	50	12.32	97.93	5.4	33.458	7.9	25.3	0.52	0.82
F35	18 Aug 2026	51	12.32	97.95	5.4	33.457	7.9	25.3	0.51	0.81
F35	18 Aug 2026	52	12.30	98.05	5.3	33.46	7.9	25.3	0.50	0.81
F35	18 Aug 2026	53	12.28	98.07	5.3	33.463	7.9	25.3	0.49	0.83
F35	18 Aug 2026	54	12.26	98.11	5.3	33.465	7.9	25.3	0.47	0.82
F35	18 Aug 2026	55	12.15	98.14	5.3	33.482	7.9	25.4	0.46	0.82
F35	18 Aug 2026	56	12.17	98.14	5.2	33.479	7.9	25.4	0.50	0.82
F35	18 Aug 2026	57	12.06	98.26	5.2	33.499	7.9	25.4	0.46	0.82
F35	18 Aug 2026	58	12.04	98.29	5.1	33.5	7.9	25.4	0.38	0.81
F35	18 Aug 2026	59	12.05	98.28	5.1	33.498	7.9	25.4	0.39	0.83
F35	18 Aug 2026	60	12.01	98.26	5.1	33.503	7.9	25.4	0.38	0.83
F35	18 Aug 2026	61	12.00	98.32	5.1	33.504	7.9	25.4	0.38	0.83
F35	18 Aug 2026	62	11.99	98.36	5.1	33.505	7.9	25.4	0.39	0.82
F35	18 Aug 2026	63	11.97	98.34	5.0	33.51	7.9	25.4	0.39	0.83
F35	18 Aug 2026	64	11.92	98.37	5.0	33.516	7.9	25.5	0.38	0.81
F35	18 Aug 2026	65	11.89	98.39	5.0	33.517	7.9	25.5	0.35	0.82
F35	18 Aug 2026	66	11.90	98.39	5.0	33.517	7.9	25.5	0.35	0.82
F35	18 Aug 2026	67	11.88	98.42	5.0	33.519	7.9	25.5	0.36	0.83
F35	18 Aug 2026	68	11.88	98.42	5.0	33.52	7.9	25.5	0.35	0.83
F35	18 Aug 2026	69	11.88	98.35	5.0	33.519	7.8	25.5	0.36	0.82
F35	18 Aug 2026	70	11.87	98.29	5.0	33.522	7.8	25.5	0.35	0.83
F35	18 Aug 2026	71	11.86	98.40	5.0	33.523	7.8	25.5	0.37	0.82
F35	18 Aug 2026	72	11.84	98.44	4.9	33.525	7.8	25.5	0.36	0.83
F35	18 Aug 2026	73	11.83	98.41	4.9	33.527	7.8	25.5	0.36	0.84
F35	18 Aug 2026	74	11.80	98.49	4.9	33.53	7.8	25.5	0.36	0.83
F35	18 Aug 2026	75	11.79	98.48	4.9	33.53	7.8	25.5	0.35	0.83
F35	18 Aug 2026	76	11.78	98.47	4.9	33.532	7.8	25.5	0.36	0.84
F35	18 Aug 2026	77	11.77	98.46	4.9	33.533	7.8	25.5	0.34	0.83
F35	18 Aug 2026	78	11.72	98.47	4.8	33.54	7.8	25.5	0.33	0.83
F35	18 Aug 2026	79	11.66	98.40	4.8	33.547	7.8	25.5	0.30	0.86
F35	18 Aug 2026	80	11.64	98.44	4.8	33.549	7.8	25.5	0.30	0.84
F35	18 Aug 2026	81	11.56	98.47	4.7	33.56	7.8	25.6	0.26	0.86
F35	18 Aug 2026	82	11.56	98.49	4.7	33.562	7.8	25.6	0.24	0.85
F35	18 Aug 2026	83	11.56	98.49	4.7	33.566	7.8	25.6	0.25	0.85
F35	18 Aug 2026	84	11.54	98.41	4.6	33.579	7.8	25.6	0.22	0.84
F35	18 Aug 2026	85	11.53	98.32	4.6	33.58	7.8	25.6	0.25	0.85
F35	18 Aug 2026	86	11.50	98.09	4.6	33.588	7.8	25.6	0.22	0.85
F35	18 Aug 2026	87	11.48	98.32	4.5	33.594	7.8	25.6	0.21	0.85
F35	18 Aug 2026	88	11.45	98.38	4.5	33.602	7.8	25.6	0.20	0.87
F35	18 Aug 2026	89	11.42	98.41	4.4	33.611	7.8	25.6	0.19	0.86
F35	18 Aug 2026	90	11.43	98.50	4.4	33.612	7.8	25.6	0.19	0.85
F35	18 Aug 2026	91	11.42	98.47	4.4	33.617	7.8	25.6	0.18	0.85
F35	18 Aug 2026	92	11.41	98.47	4.4	33.623	7.8	25.6	0.19	0.85
F35	18 Aug 2026	93	11.39	98.39	4.4	33.63	7.8	25.6	0.17	0.84
F35	18 Aug 2026	94	11.37	98.20	4.3	33.639	7.8	25.6	0.17	0.85

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F35	18 Aug 2026	95	11.35	98.27	4.3	33.643	7.8	25.7	0.17	0.85
F35	18 Aug 2026	96	11.32	98.13	4.2	33.657	7.8	25.7	0.16	0.86
F35	18 Aug 2026	97	11.31	97.51	4.2	33.661	7.8	25.7	0.15	0.87
F35	18 Aug 2026	98	11.29	97.04	4.2	33.67	7.8	25.7	0.14	0.88
F35	18 Aug 2026	99	11.28	96.70	4.1	33.678	7.8	25.7	0.14	0.88
F24	20 Aug 2026	1	20.78	91.90	7.5	33.413	8.2	23.3	0.37	0.60
F24	20 Aug 2026	2	20.20	93.31	7.6	33.377	8.2	23.5	0.38	0.62
F24	20 Aug 2026	3	18.82	93.86	7.9	33.403	8.2	23.8	0.39	0.60
F24	20 Aug 2026	4	17.99	93.80	8.3	33.337	8.2	24.0	0.47	0.62
F24	20 Aug 2026	5	17.80	93.67	8.3	33.321	8.2	24.0	0.53	0.65
F24	20 Aug 2026	6	17.42	93.29	8.3	33.316	8.2	24.1	0.56	0.67
F24	20 Aug 2026	7	17.19	93.07	8.2	33.32	8.2	24.2	0.60	0.70
F24	20 Aug 2026	8	16.74	93.00	8.1	33.323	8.2	24.3	0.64	0.73
F24	20 Aug 2026	9	16.43	92.69	8.2	33.317	8.2	24.4	0.64	0.74
F24	20 Aug 2026	10	16.10	92.64	8.1	33.319	8.2	24.4	0.67	0.73
F24	20 Aug 2026	11	15.74	92.54	8.1	33.307	8.1	24.5	0.72	0.75
F24	20 Aug 2026	12	15.89	92.72	8.0	33.301	8.1	24.5	0.79	0.74
F24	20 Aug 2026	13	15.62	92.96	8.0	33.295	8.1	24.5	0.78	0.73
F24	20 Aug 2026	14	15.49	93.27	8.0	33.296	8.1	24.6	0.72	0.68
F24	20 Aug 2026	15	15.44	93.72	8.1	33.296	8.1	24.6	0.70	0.69
F24	20 Aug 2026	16	15.31	93.99	8.0	33.301	8.1	24.6	0.70	0.68
F24	20 Aug 2026	17	15.23	94.03	8.1	33.301	8.1	24.6	0.71	0.68
F24	20 Aug 2026	18	15.24	93.96	8.0	33.304	8.1	24.6	0.73	0.67
F24	20 Aug 2026	19	15.11	93.87	8.0	33.307	8.1	24.6	0.78	0.71
F24	20 Aug 2026	20	15.00	93.81	8.0	33.314	8.1	24.7	0.85	0.70
F24	20 Aug 2026	21	14.85	93.77	8.0	33.318	8.1	24.7	0.89	0.72
F24	20 Aug 2026	22	14.68	93.74	7.9	33.322	8.1	24.7	1.00	0.74
F24	20 Aug 2026	23	14.29	93.01	7.7	33.324	8.1	24.8	1.35	0.76
F24	20 Aug 2026	24	14.15	92.40	7.6	33.318	8.1	24.9	1.94	0.79
F24	20 Aug 2026	25	14.05	91.83	7.4	33.32	8.1	24.9	2.27	0.79
F24	20 Aug 2026	26	13.83	91.74	7.3	33.331	8.1	24.9	2.17	0.80
F24	20 Aug 2026	27	13.69	92.69	7.2	33.329	8.1	25.0	1.67	0.79
F24	20 Aug 2026	28	13.63	94.70	7.1	33.331	8.1	25.0	1.42	0.77
F24	20 Aug 2026	29	13.54	95.44	6.9	33.335	8.1	25.0	1.32	0.78
F24	20 Aug 2026	30	13.40	95.59	6.8	33.348	8.1	25.0	1.28	0.80
F24	20 Aug 2026	31	13.25	95.67	6.7	33.346	8.0	25.1	1.17	0.79
F24	20 Aug 2026	32	13.24	96.31	6.6	33.345	8.0	25.1	1.07	0.79
F24	20 Aug 2026	33	13.22	96.60	6.6	33.346	8.0	25.1	1.06	0.78
F24	20 Aug 2026	34	13.17	96.71	6.6	33.351	8.0	25.1	1.03	0.79
F24	20 Aug 2026	35	13.09	96.77	6.5	33.357	8.0	25.1	0.98	0.78
F24	20 Aug 2026	36	13.06	96.88	6.4	33.359	8.0	25.1	0.95	0.78
F24	20 Aug 2026	37	13.08	96.94	6.4	33.358	8.0	25.1	0.98	0.77
F24	20 Aug 2026	38	12.93	97.13	6.3	33.372	8.0	25.1	0.92	0.78
F24	20 Aug 2026	39	12.91	97.31	6.3	33.372	8.0	25.1	0.86	0.78
F24	20 Aug 2026	40	12.91	97.38	6.3	33.372	8.0	25.1	0.91	0.78
F24	20 Aug 2026	41	12.79	97.42	6.2	33.384	8.0	25.2	0.92	0.77
F24	20 Aug 2026	42	12.77	97.48	6.1	33.381	8.0	25.2	0.81	0.77
F24	20 Aug 2026	43	12.72	97.52	6.1	33.392	8.0	25.2	0.78	0.79
F24	20 Aug 2026	44	12.70	97.58	6.0	33.396	8.0	25.2	0.78	0.79
F24	20 Aug 2026	45	12.67	97.62	5.9	33.402	8.0	25.2	0.78	0.77
F24	20 Aug 2026	46	12.63	97.60	5.9	33.401	8.0	25.2	0.76	0.80
F24	20 Aug 2026	47	12.61	97.73	5.9	33.402	8.0	25.2	0.70	0.79
F24	20 Aug 2026	48	12.55	97.80	5.8	33.421	8.0	25.3	0.67	0.81
F24	20 Aug 2026	49	12.47	97.80	5.7	33.425	8.0	25.3	0.69	0.81
F24	20 Aug 2026	50	12.43	97.90	5.7	33.424	8.0	25.3	0.63	0.81
F24	20 Aug 2026	51	12.44	97.95	5.7	33.423	8.0	25.3	0.66	0.80
F24	20 Aug 2026	52	12.35	97.97	5.6	33.437	7.9	25.3	0.61	0.79
F24	20 Aug 2026	53	12.34	98.00	5.6	33.44	7.9	25.3	0.59	0.79
F24	20 Aug 2026	54	12.34	97.99	5.5	33.445	7.9	25.3	0.56	0.81
F24	20 Aug 2026	55	12.29	98.03	5.4	33.458	7.9	25.3	0.54	0.82
F24	20 Aug 2026	56	12.26	98.06	5.4	33.455	7.9	25.3	0.54	0.82
F24	20 Aug 2026	57	12.25	98.11	5.3	33.47	7.9	25.4	0.51	0.81
F24	20 Aug 2026	58	12.14	98.12	5.3	33.48	7.9	25.4	0.47	0.81
F24	20 Aug 2026	59	12.07	98.17	5.3	33.477	7.9	25.4	0.46	0.82
F24	20 Aug 2026	60	12.04	98.29	5.3	33.48	7.9	25.4	0.44	0.82
F24	20 Aug 2026	61	12.04	98.36	5.2	33.487	7.9	25.4	0.42	0.83
F24	20 Aug 2026	62	12.04	98.34	5.2	33.489	7.9	25.4	0.40	0.83
F24	20 Aug 2026	63	12.05	98.37	5.2	33.488	7.9	25.4	0.42	0.82
F24	20 Aug 2026	64	12.02	98.38	5.1	33.499	7.9	25.4	0.43	0.81
F24	20 Aug 2026	65	11.96	98.37	5.0	33.513	7.9	25.4	0.39	0.81
F24	20 Aug 2026	66	11.91	98.32	4.9	33.527	7.9	25.5	0.32	0.83
F24	20 Aug 2026	67	11.83	98.31	4.9	33.535	7.9	25.5	0.33	0.82
F24	20 Aug 2026	68	11.76	98.46	4.9	33.549	7.9	25.5	0.32	0.83

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F24	20 Aug 2026	69	11.70	98.61	4.8	33.564	7.9	25.5	0.30	0.83
F24	20 Aug 2026	70	11.65	98.59	4.7	33.566	7.9	25.5	0.27	0.83
F24	20 Aug 2026	71	11.62	98.49	4.7	33.566	7.9	25.5	0.26	0.84
F24	20 Aug 2026	72	11.61	98.51	4.7	33.565	7.8	25.5	0.24	0.83
F24	20 Aug 2026	73	11.61	98.38	4.7	33.566	7.8	25.5	0.22	0.85
F24	20 Aug 2026	74	11.61	98.32	4.7	33.566	7.8	25.5	0.23	0.83
F24	20 Aug 2026	75	11.61	98.38	4.7	33.568	7.8	25.6	0.24	0.86
F24	20 Aug 2026	76	11.61	98.27	4.6	33.576	7.8	25.6	0.23	0.85
F24	20 Aug 2026	77	11.60	97.88	4.5	33.583	7.8	25.6	0.20	0.85
F24	20 Aug 2026	78	11.59	96.05	4.5	33.585	7.8	25.6	0.21	0.87
F24	20 Aug 2026	79	11.58	95.04	4.5	33.59	7.8	25.6	0.20	0.87
F24	20 Aug 2026	80	11.56	95.03	4.5	33.593	7.8	25.6	0.19	0.86
F24	20 Aug 2026	81	11.51	94.84	4.4	33.603	7.8	25.6	0.19	0.86
F24	20 Aug 2026	82	11.51	92.39	4.4	33.605	7.8	25.6	0.19	0.88
F24	20 Aug 2026	83	11.50	91.41	4.3	33.61	7.8	25.6	0.18	0.91
F13	19 Aug 2026	1	20.36	92.65	7.6	33.381	8.2	23.4	0.53	0.66
F13	19 Aug 2026	2	20.26	92.84	7.6	33.381	8.2	23.5	0.55	0.67
F13	19 Aug 2026	3	19.93	93.03	7.7	33.383	8.2	23.5	0.57	0.66
F13	19 Aug 2026	4	19.61	92.95	7.7	33.377	8.2	23.6	0.59	0.67
F13	19 Aug 2026	5	19.18	93.00	7.8	33.383	8.2	23.7	0.60	0.68
F13	19 Aug 2026	6	18.54	93.01	7.9	33.369	8.2	23.9	0.60	0.71
F13	19 Aug 2026	7	17.87	93.09	8.0	33.363	8.2	24.0	0.61	0.71
F13	19 Aug 2026	8	17.02	93.16	8.1	33.343	8.2	24.2	0.61	0.71
F13	19 Aug 2026	9	16.59	93.31	8.2	33.293	8.1	24.3	0.63	0.69
F13	19 Aug 2026	10	16.58	93.41	8.1	33.319	8.1	24.3	0.66	0.71
F13	19 Aug 2026	11	16.19	93.54	8.1	33.291	8.1	24.4	0.64	0.68
F13	19 Aug 2026	12	16.12	93.84	8.1	33.293	8.1	24.4	0.64	0.66
F13	19 Aug 2026	13	15.96	93.69	8.0	33.301	8.1	24.4	0.74	0.70
F13	19 Aug 2026	14	15.86	93.40	8.0	33.3	8.1	24.5	0.79	0.70
F13	19 Aug 2026	15	15.56	93.52	8.0	33.308	8.1	24.5	0.78	0.69
F13	19 Aug 2026	16	15.41	93.71	7.9	33.304	8.1	24.6	0.77	0.69
F13	19 Aug 2026	17	15.27	93.52	7.9	33.31	8.1	24.6	0.82	0.69
F13	19 Aug 2026	18	15.10	93.37	7.8	33.317	8.1	24.7	0.87	0.69
F13	19 Aug 2026	19	14.91	93.38	7.8	33.315	8.1	24.7	0.90	0.71
F13	19 Aug 2026	20	14.85	93.53	7.7	33.312	8.1	24.7	0.94	0.71
F13	19 Aug 2026	21	14.82	93.46	7.7	33.313	8.1	24.7	0.98	0.71
F13	19 Aug 2026	22	14.79	93.47	7.7	33.312	8.1	24.7	1.00	0.72
F13	19 Aug 2026	23	14.71	93.50	7.6	33.314	8.1	24.7	1.01	0.73
F13	19 Aug 2026	24	14.61	93.40	7.7	33.318	8.1	24.8	1.16	0.74
F13	19 Aug 2026	25	14.64	92.98	7.6	33.32	8.1	24.8	1.29	0.74
F13	19 Aug 2026	26	14.39	92.63	7.5	33.329	8.1	24.8	1.33	0.75
F13	19 Aug 2026	27	14.23	92.36	7.4	33.343	8.1	24.9	1.49	0.78
F13	19 Aug 2026	28	14.10	91.53	7.3	33.344	8.1	24.9	1.93	0.83
F13	19 Aug 2026	29	14.06	91.72	7.1	33.343	8.1	24.9	2.42	0.84
F13	19 Aug 2026	30	13.90	90.25	6.9	33.349	8.1	24.9	2.54	0.84
F13	19 Aug 2026	31	13.81	90.76	6.7	33.349	8.0	25.0	2.70	0.86
F13	19 Aug 2026	32	13.74	92.13	6.6	33.347	8.0	25.0	2.41	0.86
F13	19 Aug 2026	33	13.70	93.05	6.6	33.348	8.0	25.0	2.18	0.85
F13	19 Aug 2026	34	13.58	94.03	6.6	33.351	8.0	25.0	1.80	0.83
F13	19 Aug 2026	35	13.42	94.90	6.5	33.364	8.0	25.0	1.36	0.82
F13	19 Aug 2026	36	13.32	95.69	6.2	33.371	8.0	25.1	1.31	0.81
F13	19 Aug 2026	37	13.27	95.97	6.1	33.373	8.0	25.1	1.30	0.82
F13	19 Aug 2026	38	13.21	96.19	6.1	33.374	8.0	25.1	1.24	0.81
F13	19 Aug 2026	39	13.20	96.38	6.1	33.374	8.0	25.1	1.15	0.80
F13	19 Aug 2026	40	13.21	96.50	6.1	33.374	8.0	25.1	1.16	0.80
F13	19 Aug 2026	41	13.11	96.61	6.2	33.377	8.0	25.1	1.10	0.83
F13	19 Aug 2026	42	13.04	97.01	6.2	33.376	8.0	25.1	0.88	0.82
F13	19 Aug 2026	43	13.00	97.36	6.2	33.375	8.0	25.1	0.78	0.80
F13	19 Aug 2026	44	12.94	97.54	6.2	33.377	8.0	25.1	0.74	0.81
F13	19 Aug 2026	45	12.89	97.67	6.1	33.387	8.0	25.2	0.69	0.80
F13	19 Aug 2026	46	12.80	97.79	6.0	33.399	8.0	25.2	0.66	0.80
F13	19 Aug 2026	47	12.74	97.83	5.9	33.405	8.0	25.2	0.63	0.80
F13	19 Aug 2026	48	12.64	97.98	5.9	33.41	8.0	25.2	0.61	0.81
F13	19 Aug 2026	49	12.60	98.04	5.8	33.418	8.0	25.2	0.58	0.80
F13	19 Aug 2026	50	12.57	98.02	5.7	33.424	8.0	25.3	0.58	0.80
F13	19 Aug 2026	51	12.57	97.99	5.7	33.427	7.9	25.3	0.61	0.82
F13	19 Aug 2026	52	12.57	97.96	5.6	33.428	7.9	25.3	0.57	0.80
F13	19 Aug 2026	53	12.57	97.91	5.6	33.43	7.9	25.3	0.57	0.81
F13	19 Aug 2026	54	12.57	97.86	5.6	33.431	7.9	25.3	0.61	0.82
F13	19 Aug 2026	55	12.49	97.91	5.5	33.445	7.9	25.3	0.61	0.81
F13	19 Aug 2026	56	12.39	97.88	5.3	33.459	7.9	25.3	0.53	0.82
F13	19 Aug 2026	57	12.26	97.56	5.2	33.477	7.9	25.4	0.47	0.82
F13	19 Aug 2026	58	12.21	96.26	5.0	33.485	7.9	25.4	0.36	0.86

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F13	19 Aug 2026	59	12.15	96.82	4.9	33.501	7.9	25.4	0.34	0.89
F13	19 Aug 2026	60	12.07	94.60	4.9	33.516	7.9	25.4	0.29	0.87
F13	19 Aug 2026	61	12.06	94.38	4.8	33.518	7.9	25.4	0.29	0.88
F36	18 Aug 2026	1	21.66	92.44	7.4	33.431	8.2	23.1	0.44	0.63
F36	18 Aug 2026	2	21.65	92.38	7.4	33.43	8.2	23.1	0.44	0.63
F36	18 Aug 2026	3	21.61	92.84	7.4	33.431	8.2	23.1	0.47	0.64
F36	18 Aug 2026	4	21.59	92.99	7.4	33.43	8.2	23.1	0.51	0.63
F36	18 Aug 2026	5	21.46	92.91	7.4	33.431	8.2	23.2	0.52	0.64
F36	18 Aug 2026	6	21.33	92.12	7.5	33.416	8.2	23.2	0.55	0.64
F36	18 Aug 2026	7	20.87	93.01	7.6	33.421	8.2	23.3	0.57	0.63
F36	18 Aug 2026	8	20.40	93.18	7.7	33.406	8.2	23.4	0.58	0.65
F36	18 Aug 2026	9	19.95	93.53	7.7	33.412	8.2	23.6	0.56	0.64
F36	18 Aug 2026	10	19.07	93.57	7.9	33.386	8.2	23.8	0.55	0.63
F36	18 Aug 2026	11	18.66	94.16	7.8	33.444	8.2	23.9	0.56	0.65
F36	18 Aug 2026	12	16.82	92.53	8.1	33.355	8.2	24.3	0.57	0.64
F36	18 Aug 2026	13	16.51	93.83	8.2	33.289	8.2	24.3	0.54	0.63
F36	18 Aug 2026	14	16.27	94.59	8.1	33.329	8.2	24.4	0.57	0.65
F36	18 Aug 2026	15	15.88	94.77	8.1	33.31	8.2	24.5	0.56	0.64
F36	18 Aug 2026	16	15.79	94.85	8.2	33.296	8.2	24.5	0.52	0.66
F36	18 Aug 2026	17	15.58	94.81	8.1	33.303	8.2	24.5	0.55	0.67
F36	18 Aug 2026	18	15.59	94.76	8.2	33.294	8.2	24.5	0.56	0.68
F36	18 Aug 2026	19	15.39	94.74	8.2	33.295	8.2	24.6	0.60	0.65
F36	18 Aug 2026	20	15.37	94.71	8.1	33.299	8.2	24.6	0.65	0.69
F36	18 Aug 2026	21	14.93	94.56	8.1	33.298	8.1	24.7	0.76	0.71
F36	18 Aug 2026	22	14.90	94.46	8.1	33.301	8.1	24.7	0.82	0.72
F36	18 Aug 2026	23	14.61	94.21	8.0	33.309	8.1	24.8	0.87	0.73
F36	18 Aug 2026	24	14.42	93.98	7.9	33.314	8.1	24.8	1.13	0.74
F36	18 Aug 2026	25	14.44	92.58	7.9	33.313	8.1	24.8	1.46	0.77
F36	18 Aug 2026	26	14.32	91.78	7.8	33.318	8.1	24.8	1.66	0.78
F36	18 Aug 2026	27	14.22	91.45	7.7	33.321	8.1	24.8	1.86	0.80
F36	18 Aug 2026	28	14.18	91.21	7.7	33.321	8.1	24.9	2.04	0.80
F36	18 Aug 2026	29	14.09	91.44	7.6	33.324	8.1	24.9	2.07	0.82
F36	18 Aug 2026	30	14.03	91.41	7.5	33.325	8.1	24.9	2.08	0.81
F36	18 Aug 2026	31	13.92	91.45	7.3	33.336	8.1	24.9	2.11	0.80
F36	18 Aug 2026	32	13.77	92.26	7.1	33.342	8.1	25.0	2.01	0.80
F36	18 Aug 2026	33	13.48	93.54	6.8	33.35	8.0	25.0	1.63	0.79
F36	18 Aug 2026	34	13.43	94.66	6.7	33.358	8.0	25.0	1.45	0.80
F36	18 Aug 2026	35	13.24	94.97	6.5	33.37	8.0	25.1	1.32	0.80
F36	18 Aug 2026	36	13.21	95.49	6.4	33.369	8.0	25.1	1.12	0.79
F36	18 Aug 2026	37	13.21	95.98	6.3	33.371	8.0	25.1	1.14	0.79
F36	18 Aug 2026	38	13.05	96.03	6.2	33.385	8.0	25.1	1.00	0.80
F36	18 Aug 2026	39	13.01	96.33	6.1	33.389	8.0	25.1	0.90	0.80
F36	18 Aug 2026	40	13.00	96.96	6.1	33.386	8.0	25.1	0.84	0.81
F36	18 Aug 2026	41	12.84	97.22	6.2	33.394	8.0	25.2	0.73	0.81
F36	18 Aug 2026	42	12.82	97.36	6.1	33.394	8.0	25.2	0.70	0.78
F36	18 Aug 2026	43	12.78	97.49	6.1	33.399	8.0	25.2	0.69	0.78
F36	18 Aug 2026	44	12.67	97.72	6.0	33.402	8.0	25.2	0.71	0.79
F36	18 Aug 2026	45	12.62	97.74	6.0	33.408	8.0	25.2	0.61	0.79
F36	18 Aug 2026	46	12.64	97.87	5.9	33.404	8.0	25.2	0.65	0.79
F36	18 Aug 2026	47	12.58	97.84	5.9	33.415	8.0	25.2	0.59	0.79
F36	18 Aug 2026	48	12.58	97.90	5.8	33.417	7.9	25.2	0.61	0.81
F36	18 Aug 2026	49	12.56	97.92	5.8	33.423	7.9	25.3	0.62	0.79
F36	18 Aug 2026	50	12.54	97.90	5.7	33.427	7.9	25.3	0.61	0.80
F36	18 Aug 2026	51	12.53	97.89	5.7	33.43	7.9	25.3	0.63	0.81
F36	18 Aug 2026	52	12.51	97.85	5.6	33.436	7.9	25.3	0.63	0.79
F36	18 Aug 2026	53	12.39	97.82	5.5	33.459	7.9	25.3	0.59	0.82
F36	18 Aug 2026	54	12.39	97.84	5.5	33.458	7.9	25.3	0.61	0.79
F36	18 Aug 2026	55	12.31	97.95	5.4	33.466	7.9	25.3	0.54	0.82
F36	18 Aug 2026	56	12.27	98.07	5.3	33.474	7.9	25.4	0.50	0.82
F36	18 Aug 2026	57	12.27	98.14	5.3	33.471	7.9	25.4	0.53	0.82
F36	18 Aug 2026	58	12.20	98.21	5.3	33.484	7.9	25.4	0.51	0.81
F36	18 Aug 2026	59	12.17	98.21	5.2	33.486	7.9	25.4	0.46	0.81
F36	18 Aug 2026	60	12.09	98.23	5.1	33.501	7.9	25.4	0.44	0.82
F36	18 Aug 2026	61	12.05	98.30	5.1	33.504	7.9	25.4	0.42	0.83
F36	18 Aug 2026	62	12.03	98.37	5.0	33.507	7.9	25.4	0.41	0.82
F36	18 Aug 2026	63	12.00	98.41	5.0	33.512	7.9	25.4	0.39	0.83
F36	18 Aug 2026	64	11.98	98.39	5.0	33.516	7.9	25.4	0.39	0.84
F36	18 Aug 2026	65	11.92	98.43	5.0	33.523	7.9	25.5	0.37	0.83
F36	18 Aug 2026	66	11.89	98.46	5.0	33.524	7.8	25.5	0.38	0.82
F36	18 Aug 2026	67	11.87	98.48	5.0	33.525	7.8	25.5	0.39	0.83
F36	18 Aug 2026	68	11.84	98.45	5.0	33.527	7.8	25.5	0.35	0.83
F36	18 Aug 2026	69	11.85	98.42	5.0	33.527	7.8	25.5	0.37	0.83
F36	18 Aug 2026	70	11.82	98.47	4.9	33.537	7.8	25.5	0.35	0.83

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F36	18 Aug 2026	71	11.76	98.51	4.9	33.54	7.8	25.5	0.34	0.83
F36	18 Aug 2026	72	11.72	98.55	4.8	33.544	7.8	25.5	0.32	0.84
F36	18 Aug 2026	73	11.74	98.52	4.9	33.542	7.8	25.5	0.34	0.84
F36	18 Aug 2026	74	11.72	98.49	4.8	33.546	7.8	25.5	0.32	0.82
F36	18 Aug 2026	75	11.69	98.53	4.8	33.549	7.8	25.5	0.32	0.83
F36	18 Aug 2026	76	11.68	98.54	4.8	33.553	7.8	25.5	0.33	0.85
F36	18 Aug 2026	77	11.64	98.55	4.8	33.56	7.8	25.5	0.29	0.83
F36	18 Aug 2026	78	11.62	98.48	4.7	33.564	7.8	25.5	0.28	0.84
F36	18 Aug 2026	79	11.63	98.51	4.8	33.562	7.8	25.5	0.30	0.84
F36	18 Aug 2026	80	11.59	98.55	4.7	33.568	7.8	25.6	0.28	0.85
F36	18 Aug 2026	81	11.58	98.48	4.7	33.571	7.8	25.6	0.30	0.85
F36	18 Aug 2026	82	11.55	98.45	4.7	33.574	7.8	25.6	0.27	0.85
F36	18 Aug 2026	83	11.53	98.46	4.6	33.573	7.8	25.6	0.26	0.85
F36	18 Aug 2026	84	11.52	98.46	4.6	33.572	7.8	25.6	0.25	0.85
F36	18 Aug 2026	85	11.51	98.37	4.6	33.571	7.8	25.6	0.24	0.86
F36	18 Aug 2026	86	11.51	98.36	4.6	33.572	7.8	25.6	0.24	0.87
F36	18 Aug 2026	87	11.50	98.35	4.6	33.574	7.8	25.6	0.23	0.86
F36	18 Aug 2026	88	11.50	98.31	4.6	33.578	7.8	25.6	0.23	0.85
F36	18 Aug 2026	89	11.47	98.26	4.6	33.588	7.8	25.6	0.21	0.85
F36	18 Aug 2026	90	11.44	98.18	4.5	33.597	7.8	25.6	0.21	0.85
F36	18 Aug 2026	91	11.44	98.05	4.5	33.598	7.8	25.6	0.22	0.85
F36	18 Aug 2026	92	11.41	97.94	4.5	33.604	7.8	25.6	0.22	0.85
F36	18 Aug 2026	93	11.37	97.88	4.5	33.614	7.8	25.6	0.22	0.86
F36	18 Aug 2026	94	11.32	97.83	4.4	33.628	7.8	25.6	0.22	0.85
F36	18 Aug 2026	95	11.29	97.79	4.3	33.641	7.8	25.7	0.18	0.86
F36	18 Aug 2026	96	11.28	97.76	4.3	33.645	7.8	25.7	0.18	0.86
F36	18 Aug 2026	97	11.27	97.64	4.2	33.666	7.8	25.7	0.16	0.86
F36	18 Aug 2026	98	11.24	97.33	4.2	33.686	7.8	25.7	0.15	0.83
F36	18 Aug 2026	99	11.19	97.35	4.1	33.717	7.8	25.7	0.14	0.84
F25	20 Aug 2026	1	21.26	93.40	7.4	33.395	8.1	23.2	0.37	0.62
F25	20 Aug 2026	2	19.82	93.35	7.6	33.438	8.1	23.6	0.38	0.61
F25	20 Aug 2026	3	18.20	93.72	8.1	33.378	8.1	24.0	0.42	0.62
F25	20 Aug 2026	4	17.83	94.02	8.2	33.328	8.1	24.0	0.46	0.64
F25	20 Aug 2026	5	17.29	94.00	8.3	33.315	8.1	24.2	0.50	0.66
F25	20 Aug 2026	6	17.14	93.61	8.3	33.311	8.1	24.2	0.52	0.68
F25	20 Aug 2026	7	16.81	93.14	8.3	33.302	8.1	24.3	0.55	0.65
F25	20 Aug 2026	8	16.63	92.61	8.3	33.301	8.1	24.3	0.54	0.67
F25	20 Aug 2026	9	16.72	93.08	8.3	33.299	8.1	24.3	0.58	0.69
F25	20 Aug 2026	10	16.55	92.68	8.3	33.304	8.2	24.3	0.60	0.69
F25	20 Aug 2026	11	16.44	92.83	8.2	33.314	8.2	24.4	0.62	0.72
F25	20 Aug 2026	12	16.15	92.74	8.1	33.321	8.1	24.4	0.70	0.74
F25	20 Aug 2026	13	16.14	92.47	8.1	33.318	8.1	24.4	0.75	0.76
F25	20 Aug 2026	14	15.91	92.53	8.1	33.317	8.1	24.5	0.78	0.75
F25	20 Aug 2026	15	15.85	92.58	8.1	33.314	8.1	24.5	0.81	0.77
F25	20 Aug 2026	16	15.82	92.60	8.1	33.315	8.1	24.5	0.82	0.76
F25	20 Aug 2026	17	15.63	92.71	8.0	33.314	8.1	24.5	0.84	0.76
F25	20 Aug 2026	18	15.62	93.25	7.9	33.308	8.1	24.5	0.80	0.73
F25	20 Aug 2026	19	15.11	93.70	7.7	33.326	8.1	24.7	0.83	0.71
F25	20 Aug 2026	20	14.81	93.86	7.7	33.322	8.1	24.7	0.90	0.71
F25	20 Aug 2026	21	14.64	93.72	7.6	33.329	8.1	24.8	1.09	0.73
F25	20 Aug 2026	22	14.27	93.21	7.5	33.33	8.1	24.8	1.53	0.74
F25	20 Aug 2026	23	14.31	92.05	7.5	33.317	8.1	24.8	1.98	0.78
F25	20 Aug 2026	24	14.13	91.84	7.5	33.322	8.1	24.9	2.01	0.79
F25	20 Aug 2026	25	14.08	91.80	7.4	33.315	8.1	24.9	2.10	0.79
F25	20 Aug 2026	26	14.02	91.95	7.4	33.321	8.1	24.9	2.14	0.79
F25	20 Aug 2026	27	14.02	92.15	7.3	33.321	8.1	24.9	2.24	0.80
F25	20 Aug 2026	28	13.80	92.65	7.2	33.344	8.1	24.9	2.24	0.79
F25	20 Aug 2026	29	13.63	93.27	7.0	33.337	8.1	25.0	1.90	0.81
F25	20 Aug 2026	30	13.59	93.89	7.0	33.337	8.1	25.0	1.56	0.81
F25	20 Aug 2026	31	13.54	94.76	6.9	33.34	8.1	25.0	1.46	0.79
F25	20 Aug 2026	32	13.36	95.30	6.8	33.358	8.0	25.0	1.37	0.79
F25	20 Aug 2026	33	13.15	96.18	6.6	33.359	8.0	25.1	1.10	0.77
F25	20 Aug 2026	34	13.04	96.77	6.5	33.362	8.0	25.1	1.00	0.77
F25	20 Aug 2026	35	13.01	96.92	6.4	33.361	8.0	25.1	0.93	0.78
F25	20 Aug 2026	36	13.01	96.99	6.4	33.363	8.0	25.1	0.91	0.77
F25	20 Aug 2026	37	12.98	97.00	6.4	33.365	8.0	25.1	0.90	0.78
F25	20 Aug 2026	38	12.85	97.05	6.3	33.374	8.0	25.2	0.85	0.76
F25	20 Aug 2026	39	12.77	97.33	6.2	33.375	8.0	25.2	0.79	0.76
F25	20 Aug 2026	40	12.75	97.55	6.2	33.378	8.0	25.2	0.76	0.77
F25	20 Aug 2026	41	12.70	97.59	6.1	33.386	8.0	25.2	0.74	0.78
F25	20 Aug 2026	42	12.60	97.56	6.0	33.403	8.0	25.2	0.69	0.78
F25	20 Aug 2026	43	12.55	97.70	5.9	33.405	8.0	25.2	0.64	0.79
F25	20 Aug 2026	44	12.55	97.87	5.9	33.406	8.0	25.2	0.66	0.79

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F25	20 Aug 2026	45	12.50	97.85	5.9	33.408	8.0	25.3	0.63	0.80
F25	20 Aug 2026	46	12.49	97.89	5.9	33.409	8.0	25.3	0.62	0.79
F25	20 Aug 2026	47	12.48	97.88	5.8	33.411	8.0	25.3	0.64	0.78
F25	20 Aug 2026	48	12.41	97.92	5.7	33.428	8.0	25.3	0.60	0.78
F25	20 Aug 2026	49	12.43	97.93	5.7	33.422	8.0	25.3	0.63	0.79
F25	20 Aug 2026	50	12.39	97.86	5.6	33.432	7.9	25.3	0.60	0.79
F25	20 Aug 2026	51	12.37	97.88	5.6	33.438	7.9	25.3	0.58	0.80
F25	20 Aug 2026	52	12.37	97.92	5.6	33.438	7.9	25.3	0.61	0.80
F25	20 Aug 2026	53	12.35	97.96	5.5	33.447	7.9	25.3	0.59	0.80
F25	20 Aug 2026	54	12.28	97.96	5.4	33.464	7.9	25.3	0.55	0.81
F25	20 Aug 2026	55	12.23	98.05	5.4	33.471	7.9	25.4	0.52	0.80
F25	20 Aug 2026	56	12.13	98.13	5.3	33.482	7.9	25.4	0.49	0.81
F25	20 Aug 2026	57	12.09	98.13	5.3	33.484	7.9	25.4	0.44	0.81
F25	20 Aug 2026	58	12.06	98.18	5.2	33.486	7.9	25.4	0.44	0.80
F25	20 Aug 2026	59	12.06	98.20	5.2	33.488	7.9	25.4	0.43	0.82
F25	20 Aug 2026	60	12.05	98.25	5.1	33.496	7.9	25.4	0.41	0.82
F25	20 Aug 2026	61	12.05	98.22	5.0	33.505	7.9	25.4	0.37	0.82
F25	20 Aug 2026	62	12.01	98.13	5.0	33.517	7.9	25.4	0.34	0.82
F25	20 Aug 2026	63	11.94	98.12	5.0	33.521	7.9	25.5	0.32	0.83
F25	20 Aug 2026	64	11.94	98.17	5.0	33.519	7.9	25.5	0.36	0.83
F25	20 Aug 2026	65	11.86	98.31	5.0	33.528	7.9	25.5	0.34	0.82
F25	20 Aug 2026	66	11.82	98.33	4.9	33.536	7.9	25.5	0.32	0.83
F25	20 Aug 2026	67	11.71	98.28	4.8	33.549	7.9	25.5	0.30	0.83
F25	20 Aug 2026	68	11.70	98.33	4.8	33.55	7.9	25.5	0.27	0.83
F25	20 Aug 2026	69	11.68	98.29	4.7	33.555	7.9	25.5	0.27	0.82
F25	20 Aug 2026	70	11.66	98.21	4.7	33.56	7.8	25.5	0.25	0.83
F25	20 Aug 2026	71	11.67	97.94	4.7	33.559	7.8	25.5	0.25	0.82
F25	20 Aug 2026	72	11.66	97.80	4.7	33.561	7.8	25.5	0.23	0.83
F25	20 Aug 2026	73	11.65	97.65	4.7	33.565	7.8	25.5	0.23	0.85
F25	20 Aug 2026	74	11.65	97.45	4.7	33.566	7.8	25.5	0.24	0.84
F25	20 Aug 2026	75	11.64	97.26	4.6	33.573	7.8	25.5	0.22	0.85
F25	20 Aug 2026	76	11.63	96.52	4.6	33.575	7.8	25.6	0.21	0.86
F25	20 Aug 2026	77	11.62	95.50	4.6	33.576	7.8	25.6	0.20	0.85
F25	20 Aug 2026	78	11.62	95.09	4.5	33.578	7.8	25.6	0.20	0.87
F25	20 Aug 2026	79	11.61	94.70	4.5	33.582	7.8	25.6	0.19	0.89
F25	20 Aug 2026	80	11.60	94.05	4.4	33.587	7.8	25.6	0.19	0.88
F14	19 Aug 2026	1	20.84	92.34	7.6	33.393	8.2	23.3	0.55	0.66
F14	19 Aug 2026	2	20.77	92.47	7.5	33.394	8.2	23.3	0.57	0.65
F14	19 Aug 2026	3	20.21	89.02	7.7	33.404	8.2	23.5	0.61	0.65
F14	19 Aug 2026	4	19.77	92.35	7.8	33.379	8.2	23.6	0.60	0.65
F14	19 Aug 2026	5	19.39	93.07	7.9	33.362	8.2	23.7	0.62	0.65
F14	19 Aug 2026	6	19.16	93.25	7.9	33.352	8.2	23.7	0.63	0.67
F14	19 Aug 2026	7	18.98	93.27	7.8	33.352	8.2	23.8	0.66	0.69
F14	19 Aug 2026	8	18.10	93.28	7.8	33.355	8.2	24.0	0.67	0.69
F14	19 Aug 2026	9	16.91	92.89	8.1	33.322	8.1	24.2	0.65	0.75
F14	19 Aug 2026	10	17.11	92.99	8.0	33.318	8.1	24.2	0.68	0.77
F14	19 Aug 2026	11	16.20	92.98	8.1	33.305	8.1	24.4	0.68	0.74
F14	19 Aug 2026	12	16.12	93.16	8.2	33.295	8.1	24.4	0.68	0.72
F14	19 Aug 2026	13	15.99	93.08	8.1	33.3	8.1	24.4	0.71	0.69
F14	19 Aug 2026	14	15.83	93.36	8.1	33.291	8.1	24.5	0.72	0.70
F14	19 Aug 2026	15	15.78	93.31	8.1	33.3	8.1	24.5	0.74	0.72
F14	19 Aug 2026	16	15.65	93.19	8.0	33.302	8.1	24.5	0.79	0.72
F14	19 Aug 2026	17	15.44	93.21	8.0	33.318	8.1	24.6	0.80	0.72
F14	19 Aug 2026	18	15.32	93.22	7.9	33.309	8.1	24.6	0.88	0.71
F14	19 Aug 2026	19	14.91	93.22	7.7	33.32	8.1	24.7	0.92	0.70
F14	19 Aug 2026	20	14.85	93.49	7.7	33.309	8.1	24.7	0.94	0.73
F14	19 Aug 2026	21	14.82	93.67	7.7	33.311	8.1	24.7	0.98	0.74
F14	19 Aug 2026	22	14.79	93.66	7.6	33.31	8.1	24.7	1.02	0.73
F14	19 Aug 2026	23	14.61	93.67	7.5	33.324	8.1	24.8	1.03	0.73
F14	19 Aug 2026	24	14.42	93.45	7.4	33.329	8.1	24.8	1.17	0.74
F14	19 Aug 2026	25	14.20	92.60	7.4	33.338	8.1	24.9	1.67	0.78
F14	19 Aug 2026	26	14.21	91.28	7.3	33.332	8.1	24.9	2.22	0.78
F14	19 Aug 2026	27	14.10	90.58	7.2	33.339	8.1	24.9	2.29	0.80
F14	19 Aug 2026	28	14.06	90.23	7.1	33.342	8.1	24.9	2.66	0.80
F14	19 Aug 2026	29	14.04	89.97	7.0	33.347	8.1	24.9	2.90	0.80
F14	19 Aug 2026	30	13.83	90.93	6.7	33.367	8.0	25.0	2.80	0.83
F14	19 Aug 2026	31	13.46	93.16	6.3	33.376	8.0	25.0	1.84	0.87
F14	19 Aug 2026	32	13.43	94.97	6.2	33.366	8.0	25.0	1.52	0.84
F14	19 Aug 2026	33	13.40	95.41	6.2	33.365	8.0	25.0	1.46	0.83
F14	19 Aug 2026	34	13.38	95.57	6.2	33.365	8.0	25.1	1.40	0.84
F14	19 Aug 2026	35	13.32	95.64	6.1	33.372	8.0	25.1	1.35	0.83
F14	19 Aug 2026	36	13.14	95.83	6.0	33.39	8.0	25.1	1.25	0.83
F14	19 Aug 2026	37	13.13	96.37	6.0	33.388	8.0	25.1	1.09	0.81

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)	CDOM (ppb)
F14	19 Aug 2026	38	13.08	96.71	5.9	33.392	8.0	25.1	1.11	0.81
F14	19 Aug 2026	39	13.06	96.73	5.8	33.395	8.0	25.1	1.02	0.83
F14	19 Aug 2026	40	13.03	96.76	5.8	33.4	8.0	25.1	0.94	0.83
F14	19 Aug 2026	41	12.99	96.75	5.8	33.402	8.0	25.2	0.90	0.82
F14	19 Aug 2026	42	12.94	96.80	5.7	33.408	8.0	25.2	0.83	0.82
F14	19 Aug 2026	43	12.95	97.00	5.7	33.405	8.0	25.2	0.83	0.81
F14	19 Aug 2026	44	12.90	97.00	5.7	33.412	8.0	25.2	0.86	0.82
F14	19 Aug 2026	45	12.88	97.02	5.7	33.409	8.0	25.2	0.81	0.81
F14	19 Aug 2026	46	12.84	97.05	5.7	33.413	8.0	25.2	0.81	0.81
F14	19 Aug 2026	47	12.75	97.13	5.6	33.423	8.0	25.2	0.77	0.81
F14	19 Aug 2026	48	12.74	97.21	5.6	33.424	7.9	25.2	0.70	0.81
F14	19 Aug 2026	49	12.76	97.16	5.6	33.422	7.9	25.2	0.73	0.82
F14	19 Aug 2026	50	12.65	96.38	5.5	33.44	7.9	25.3	0.71	0.83
F14	19 Aug 2026	51	12.51	96.62	5.3	33.453	7.9	25.3	0.57	0.84
F14	19 Aug 2026	52	12.39	96.71	5.2	33.465	7.9	25.3	0.47	0.87
F14	19 Aug 2026	53	12.30	95.78	5.1	33.477	7.9	25.3	0.37	0.87
F14	19 Aug 2026	54	12.28	95.25	5.0	33.477	7.9	25.4	0.37	0.87
F14	19 Aug 2026	55	12.27	95.48	4.9	33.478	7.9	25.4	0.34	0.88
F14	19 Aug 2026	56	12.24	94.45	4.8	33.483	7.9	25.4	0.30	0.90
F14	19 Aug 2026	57	12.20	93.05	4.8	33.488	7.9	25.4	0.29	0.92
F14	19 Aug 2026	58	12.18	92.20	4.7	33.491	7.9	25.4	0.27	0.93
F14	19 Aug 2026	59	12.16	90.29	4.6	33.494	7.9	25.4	0.27	0.94
F14	19 Aug 2026	60	12.16	89.03	4.7	33.495	7.9	25.4	0.27	0.95
F14	19 Aug 2026	61	12.16	88.85	4.7	33.494	7.9	25.4	0.27	0.99
F03	19 Aug 2026	1	19.74	90.34	7.7	33.335	8.1	23.6	0.56	0.78
F03	19 Aug 2026	2	19.55	89.03	7.6	33.355	8.1	23.6	0.56	0.78
F03	19 Aug 2026	3	18.11	89.80	7.9	33.332	8.1	24.0	0.61	0.77
F03	19 Aug 2026	4	17.94	91.23	7.8	33.345	8.1	24.0	0.63	0.76
F03	19 Aug 2026	5	17.03	91.75	8.1	33.314	8.1	24.2	0.64	0.77
F03	19 Aug 2026	6	16.99	91.28	8.1	33.304	8.1	24.2	0.70	0.76
F03	19 Aug 2026	7	16.91	90.70	8.0	33.307	8.1	24.2	0.75	0.77
F03	19 Aug 2026	8	16.50	89.79	7.8	33.325	8.1	24.3	0.77	0.80
F03	19 Aug 2026	9	15.97	88.01	7.7	33.321	8.1	24.5	0.84	0.92
F03	19 Aug 2026	10	15.62	86.33	7.6	33.317	8.1	24.5	1.01	0.96
F03	19 Aug 2026	11	15.20	85.73	7.5	33.32	8.1	24.6	1.47	0.94
F03	19 Aug 2026	12	15.08	85.29	7.3	33.316	8.1	24.7	1.91	0.96
F03	19 Aug 2026	13	14.96	84.94	7.2	33.316	8.1	24.7	1.98	0.95
F03	19 Aug 2026	14	14.91	85.31	7.2	33.321	8.1	24.7	2.07	0.94
F03	19 Aug 2026	15	14.84	85.87	7.0	33.321	8.1	24.7	2.02	0.95
F03	19 Aug 2026	16	14.63	86.28	6.8	33.336	8.1	24.8	1.90	0.95
F03	19 Aug 2026	17	14.26	86.99	6.6	33.345	8.0	24.9	1.54	0.94
F03	19 Aug 2026	18	14.23	88.00	6.5	33.34	8.0	24.9	1.28	0.94
F03	19 Aug 2026	19	14.17	87.82	6.5	33.341	8.0	24.9	1.25	0.94

NA = not available

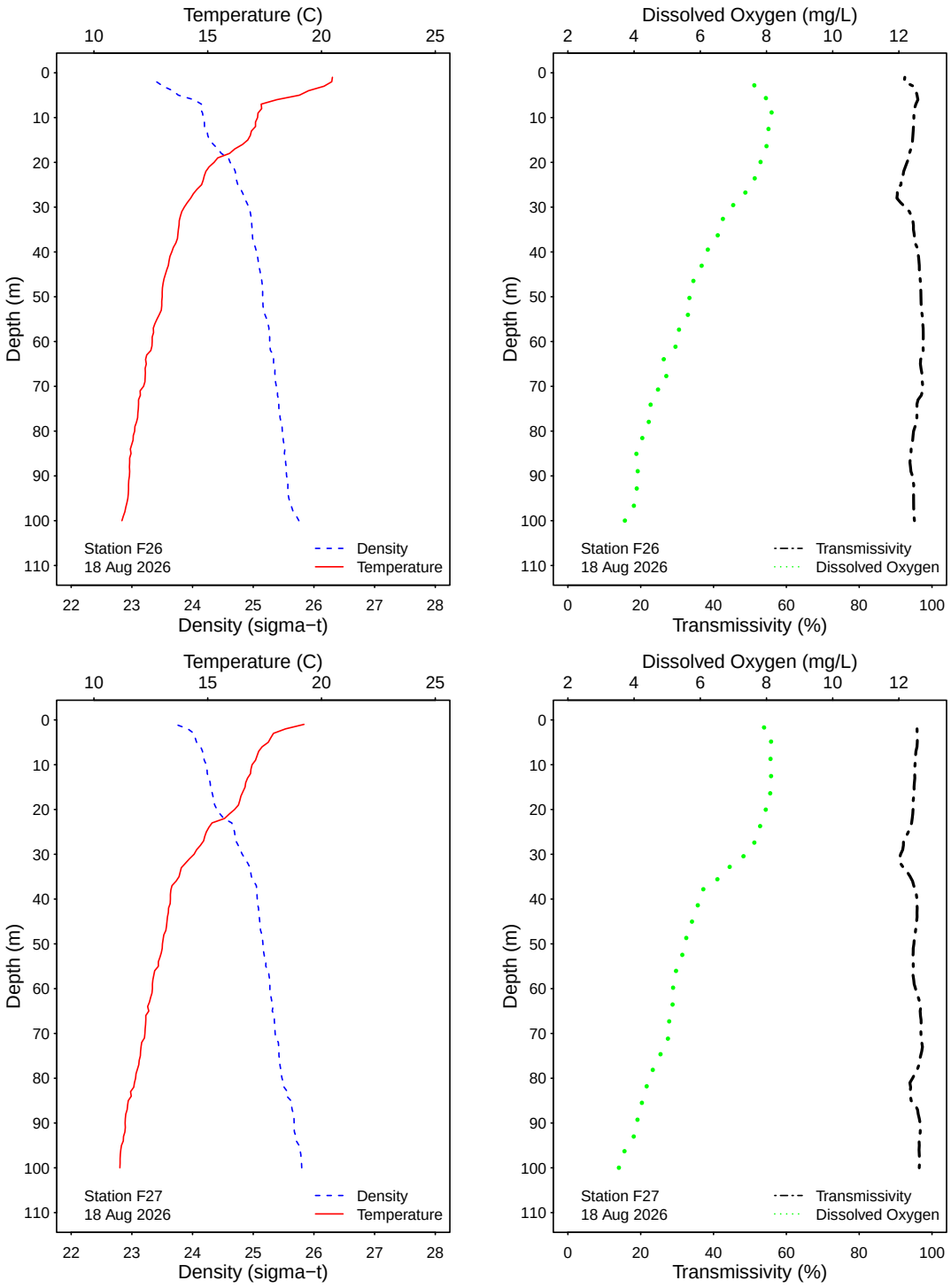


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

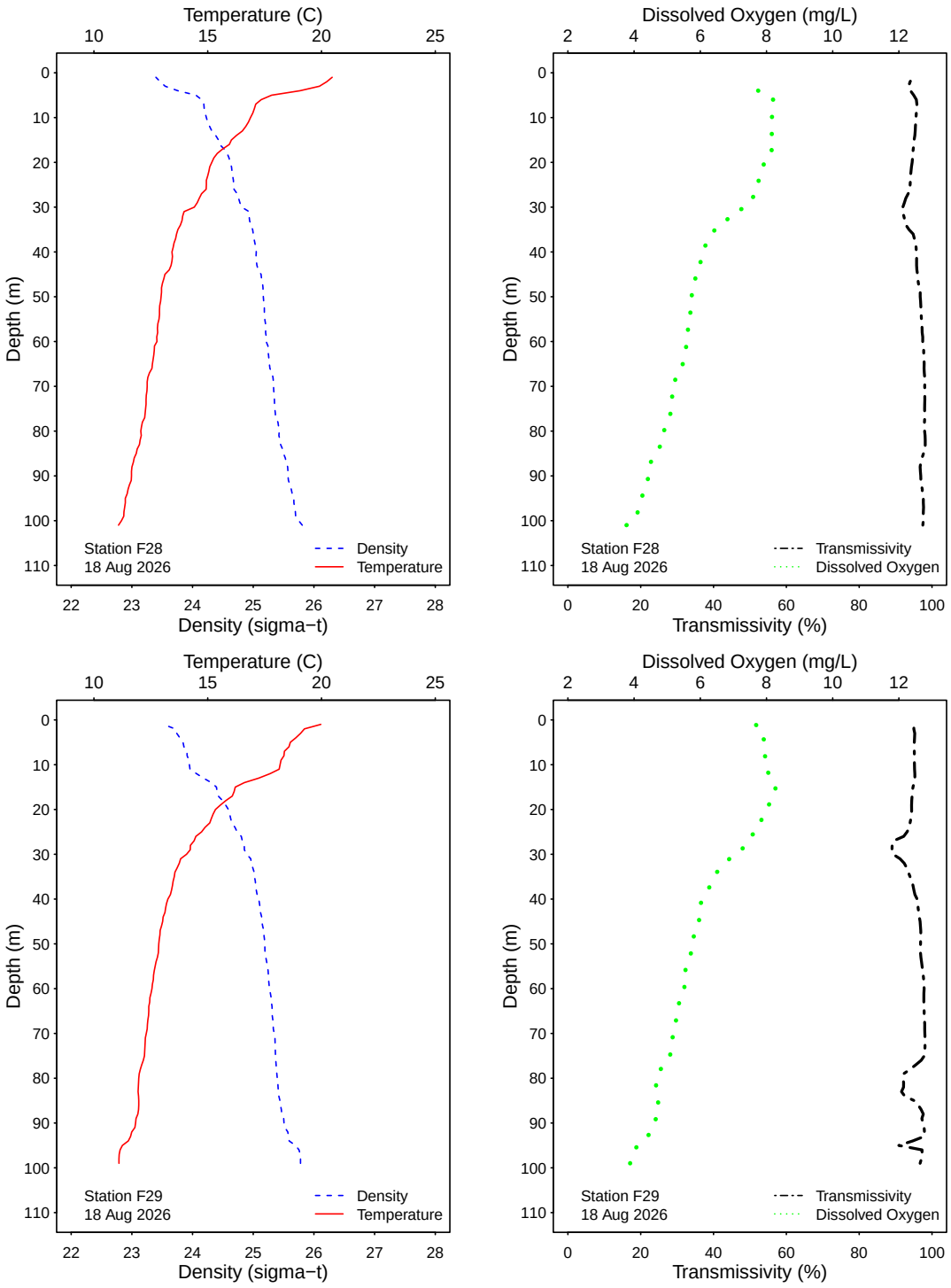


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

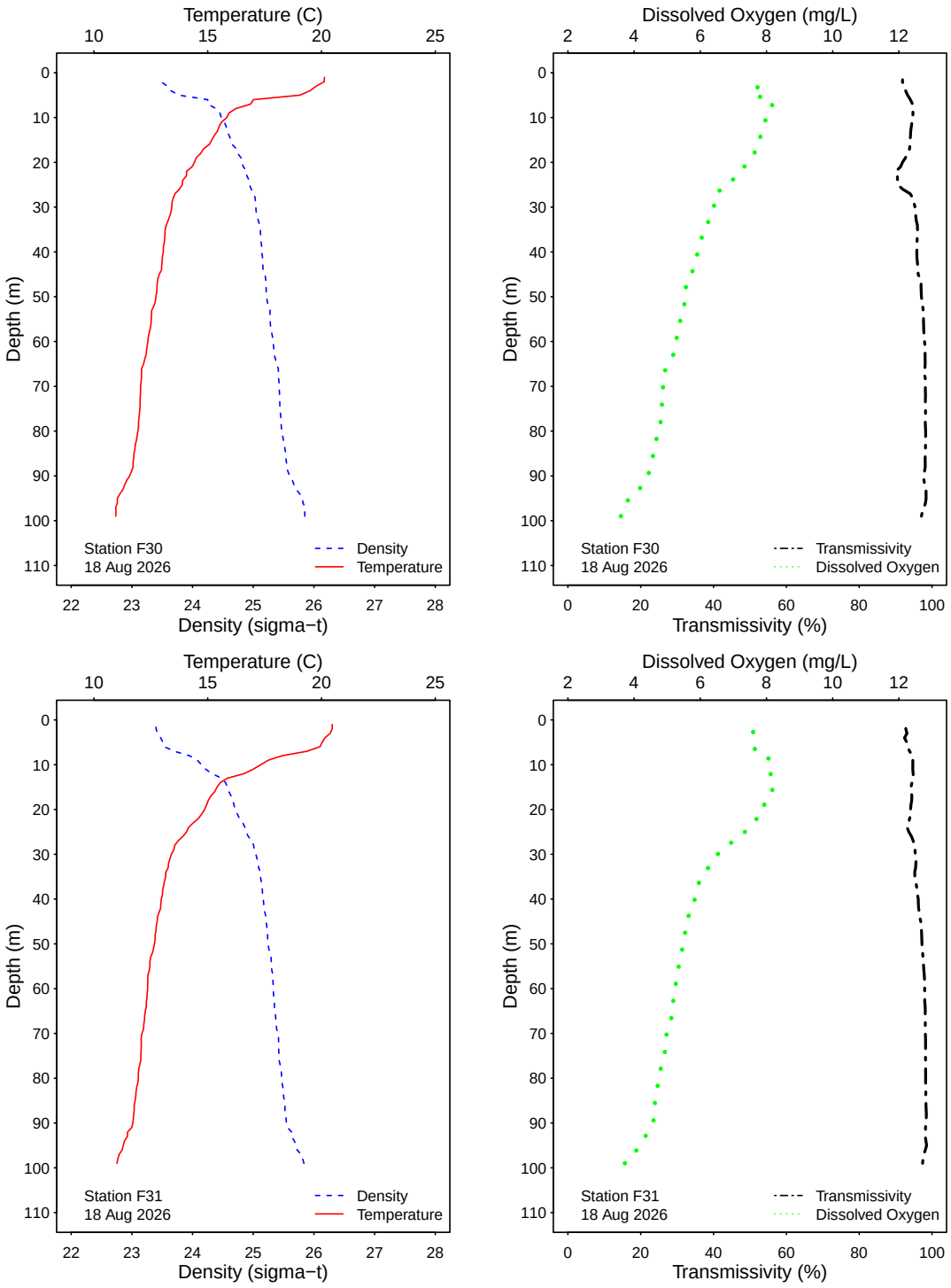


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

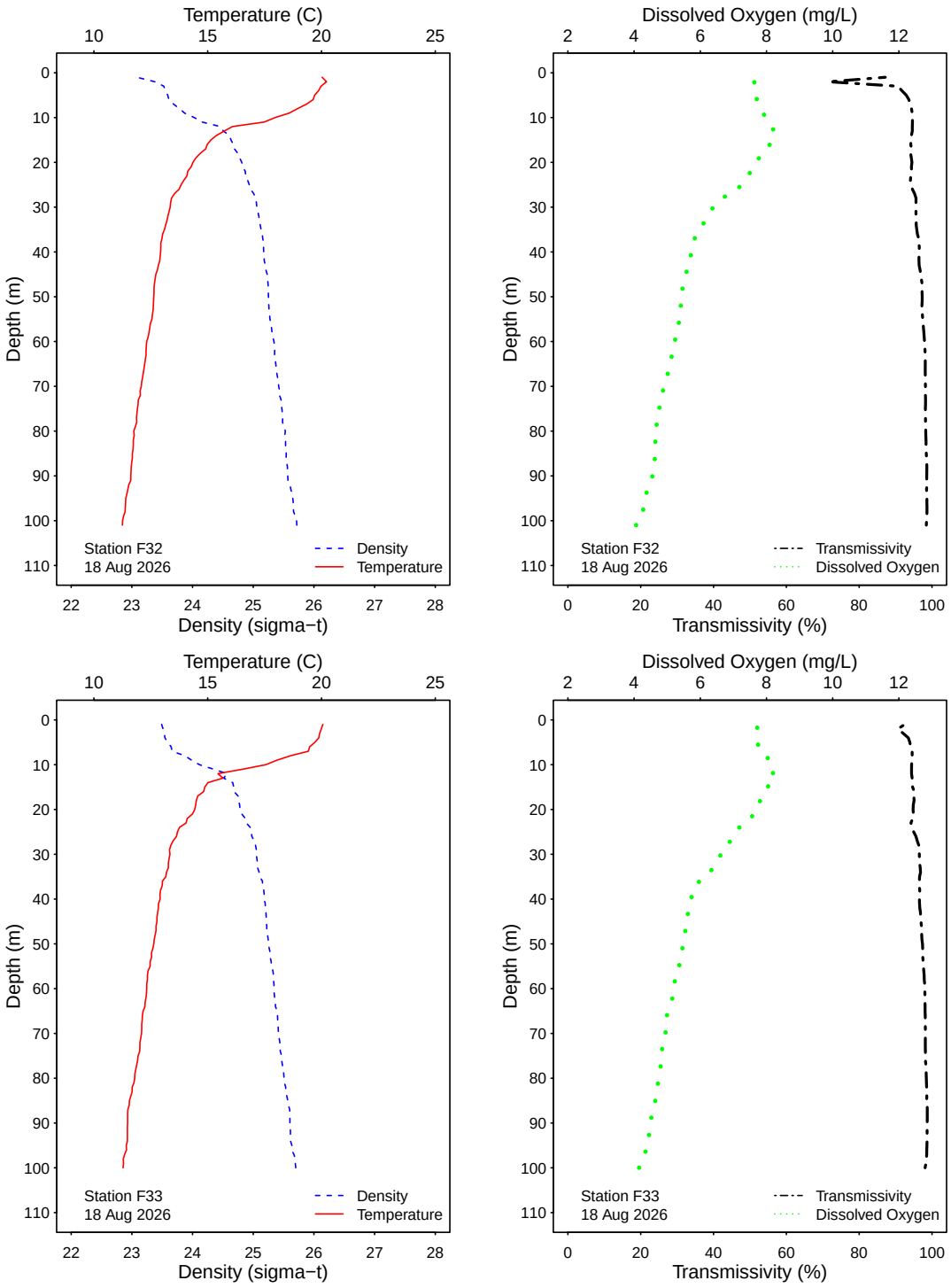


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

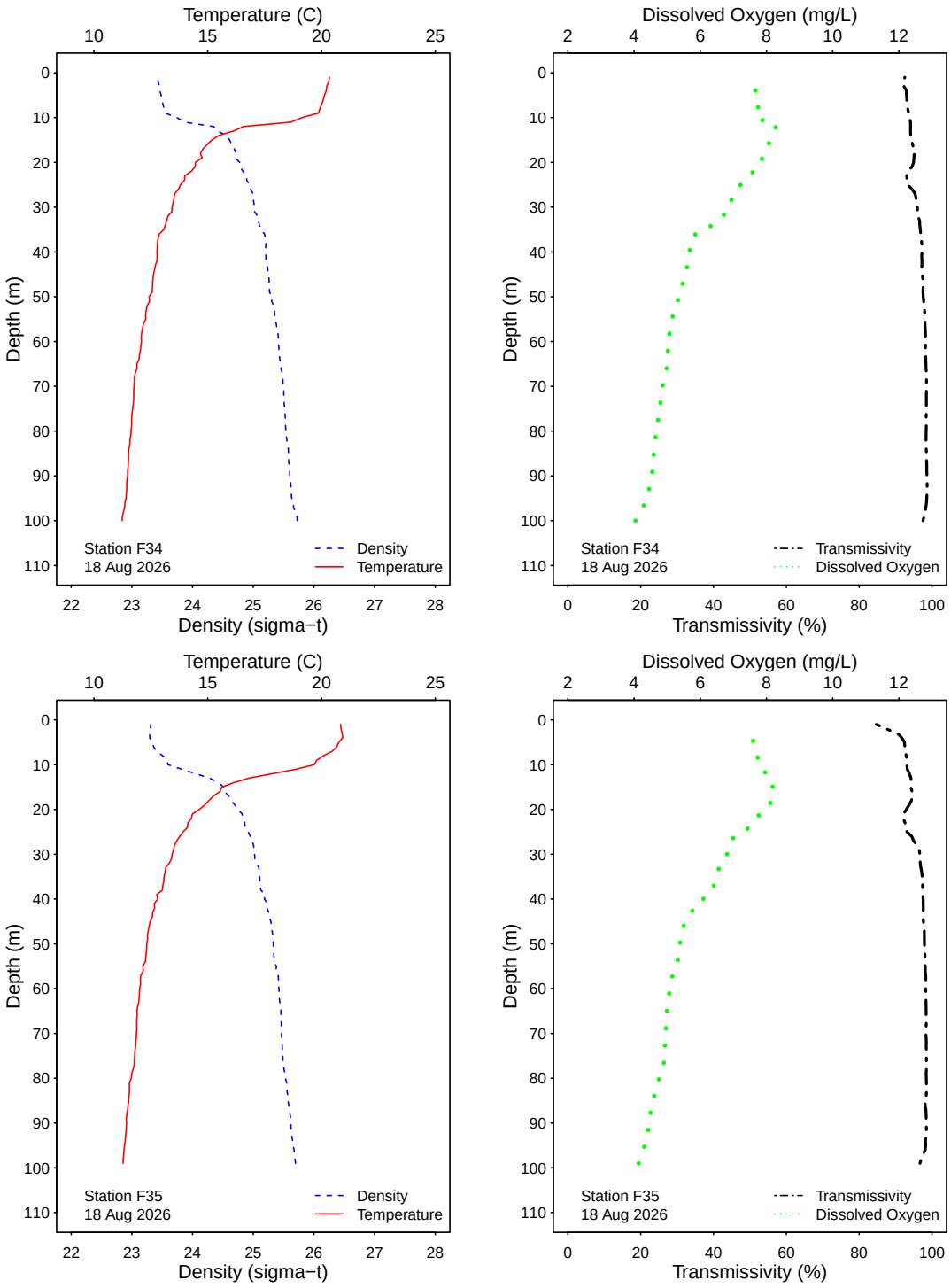


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

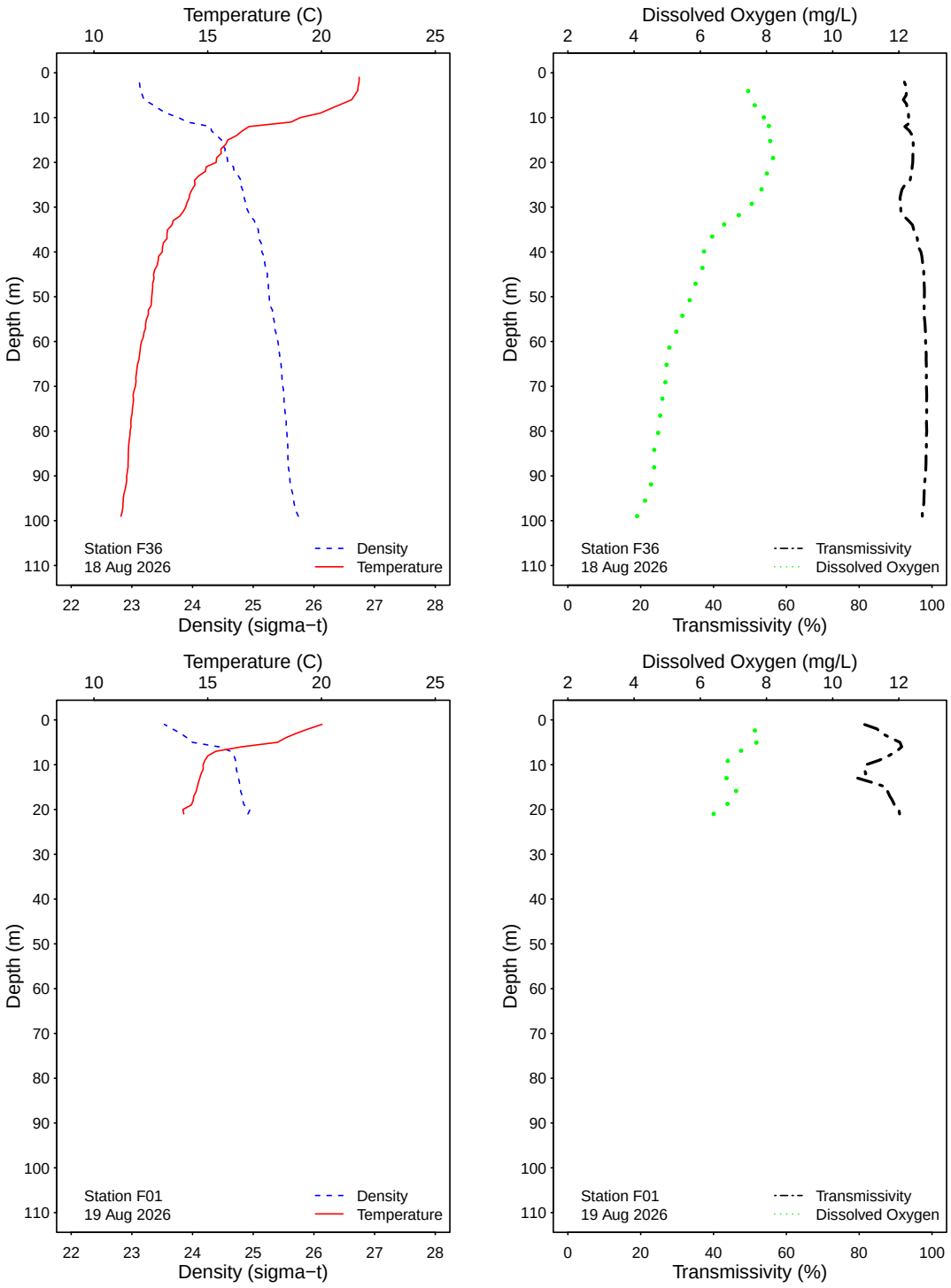


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

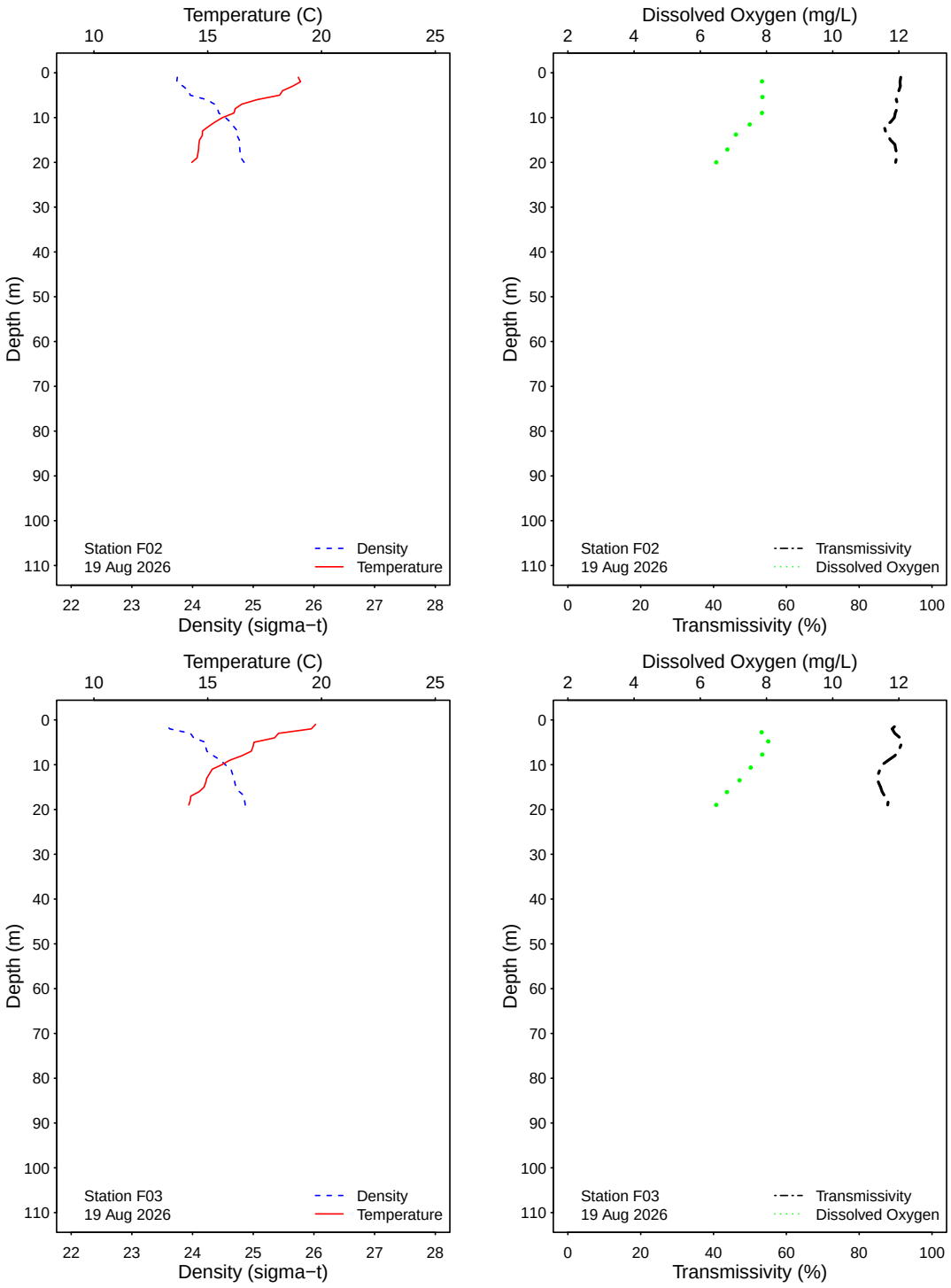


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

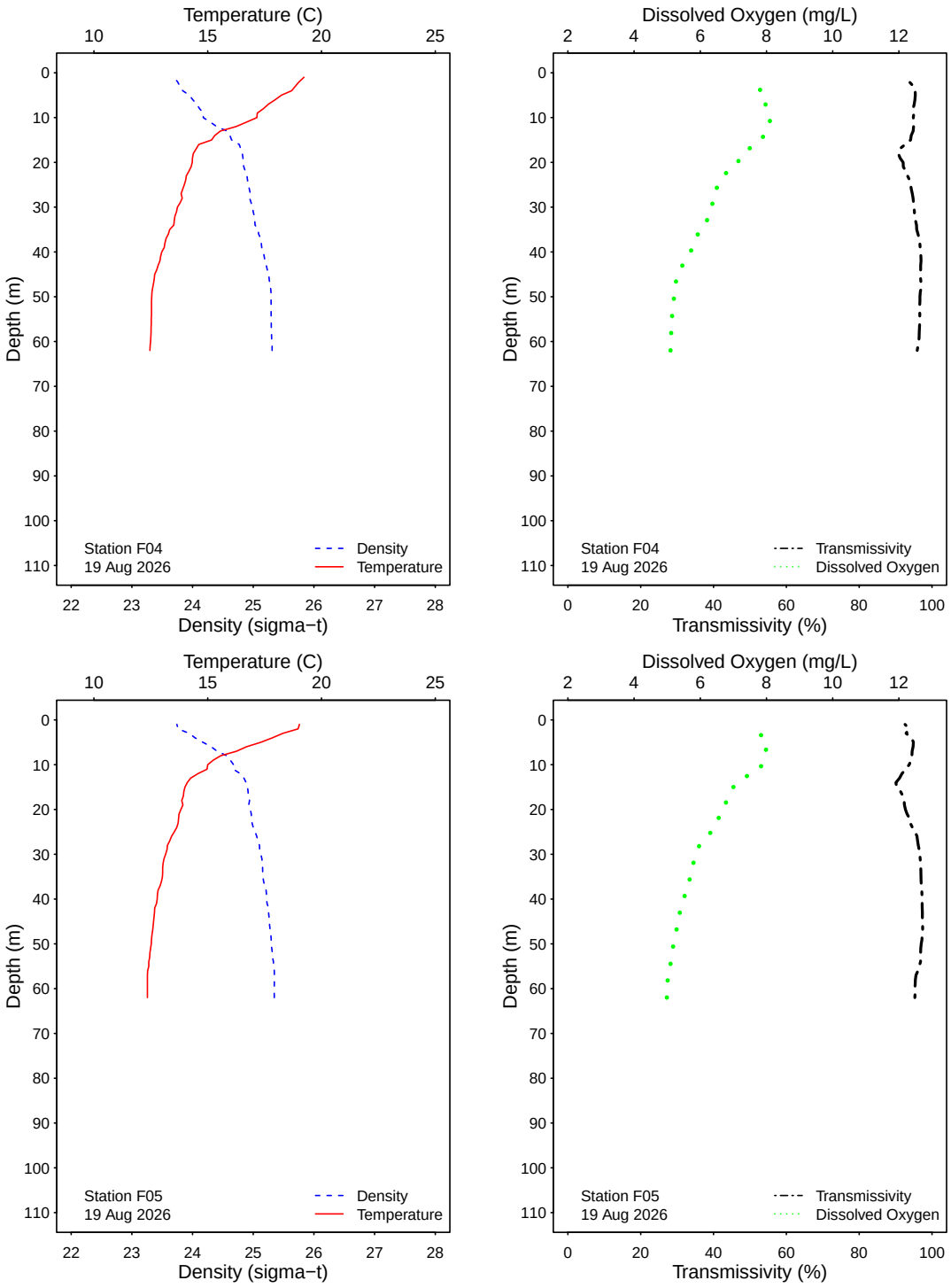


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

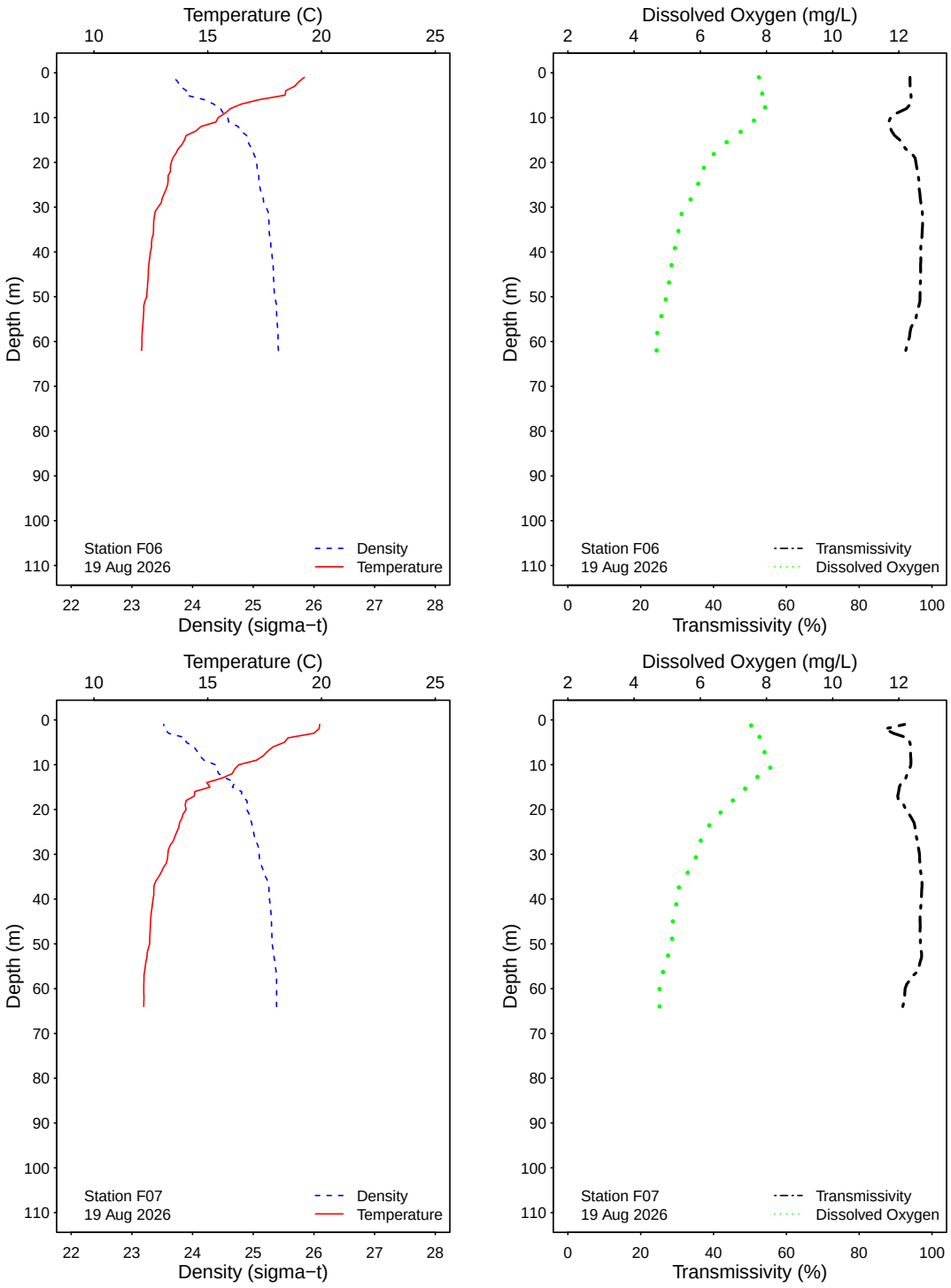


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

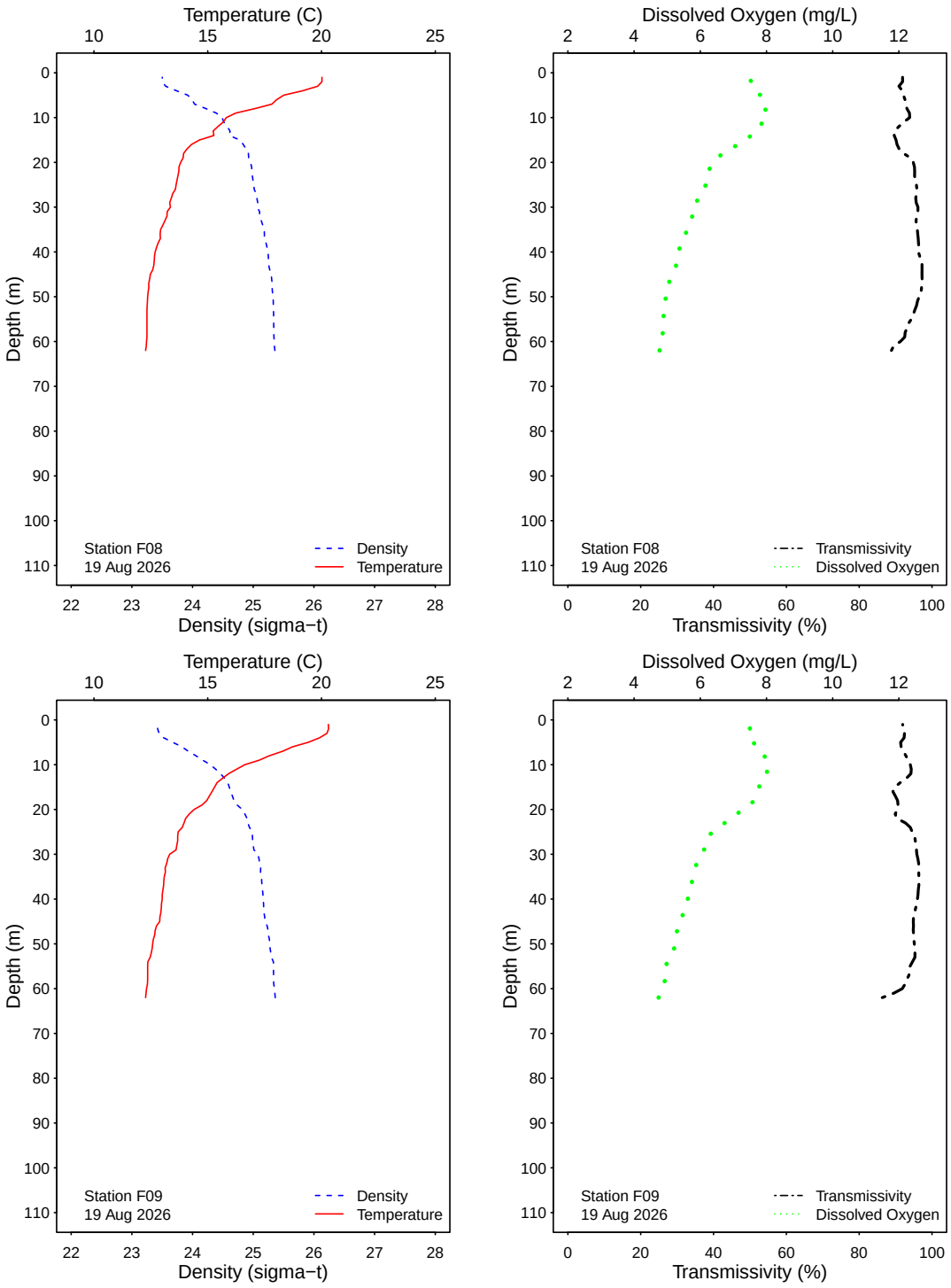


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

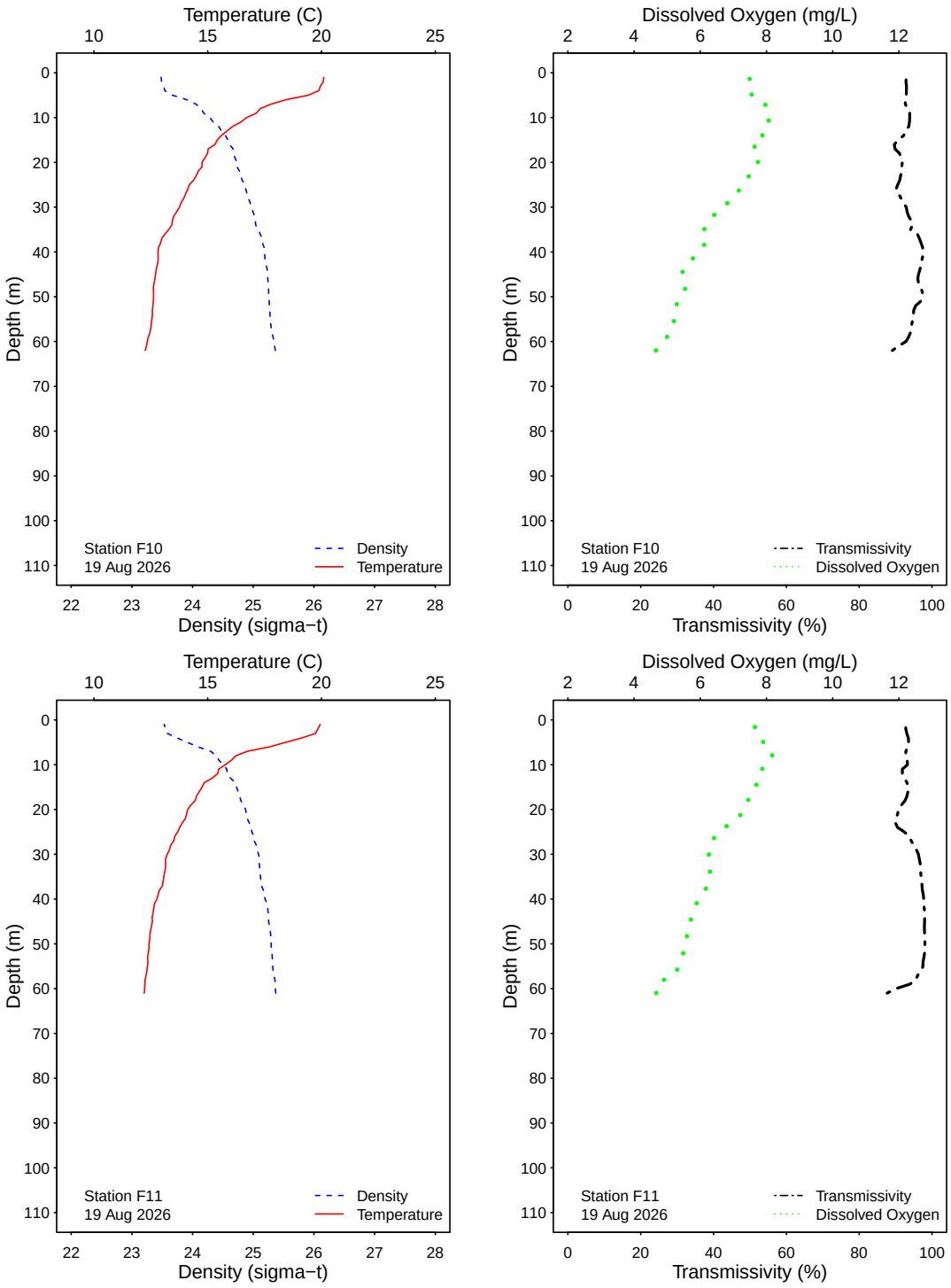


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

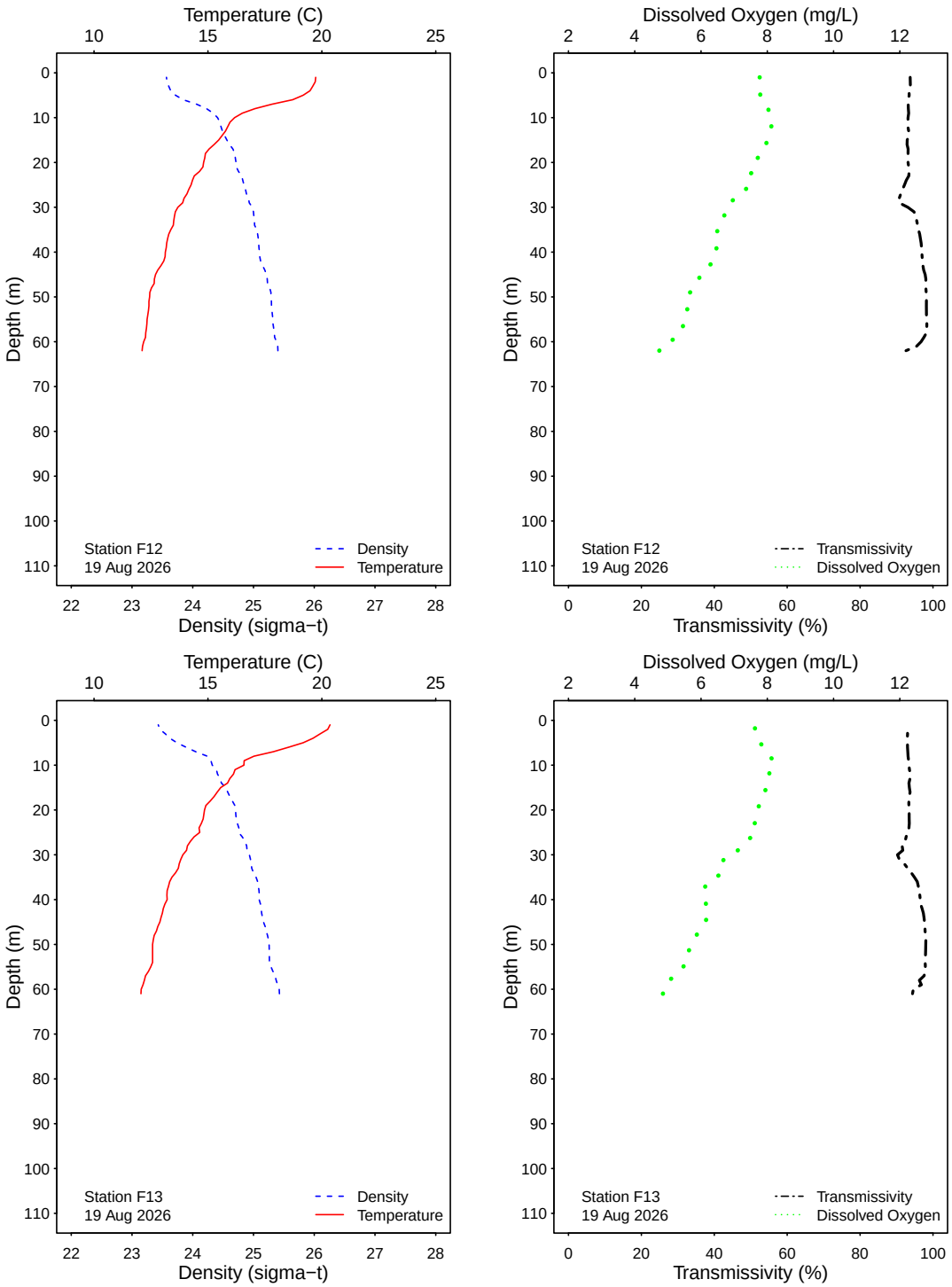


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

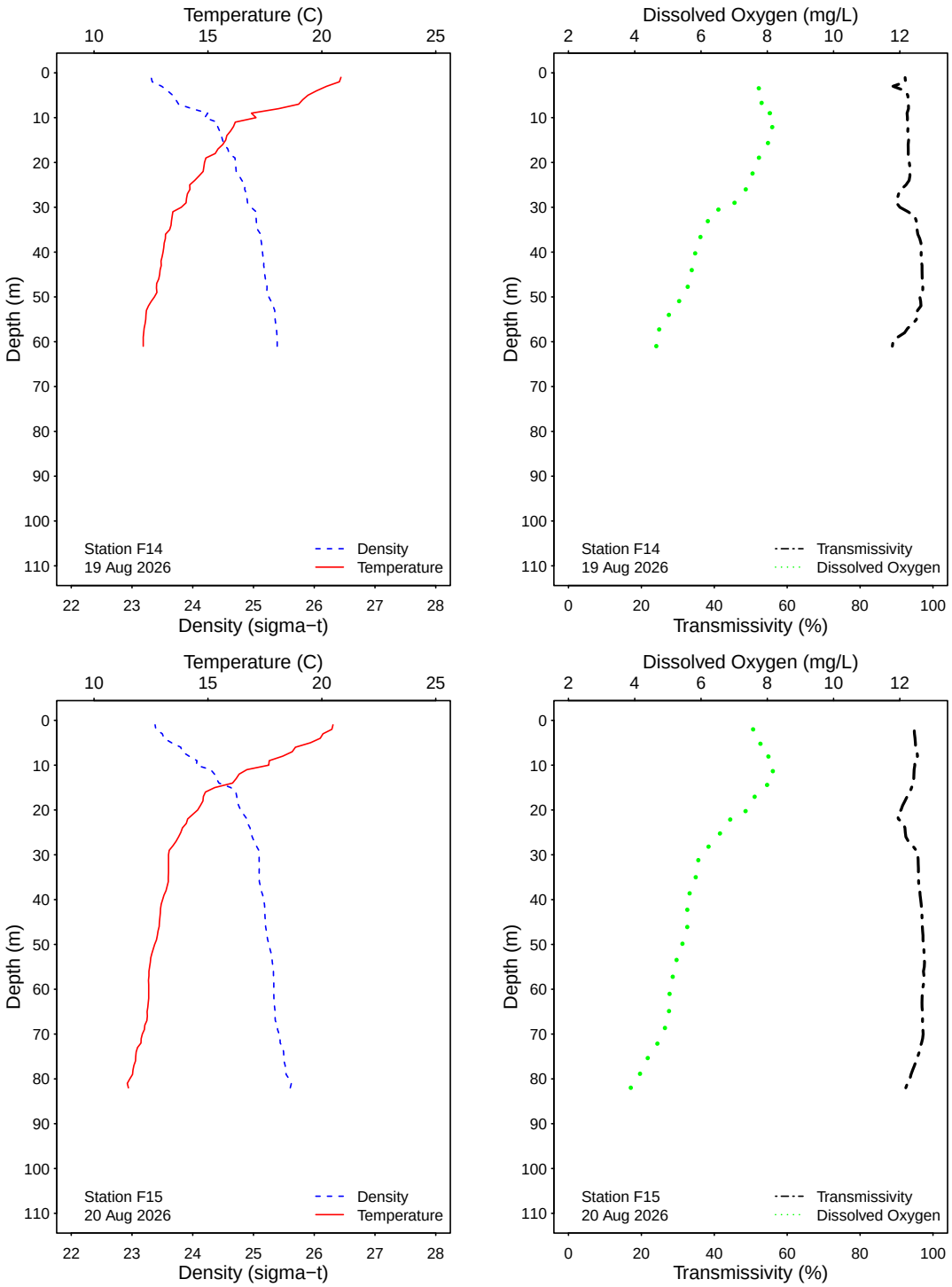


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

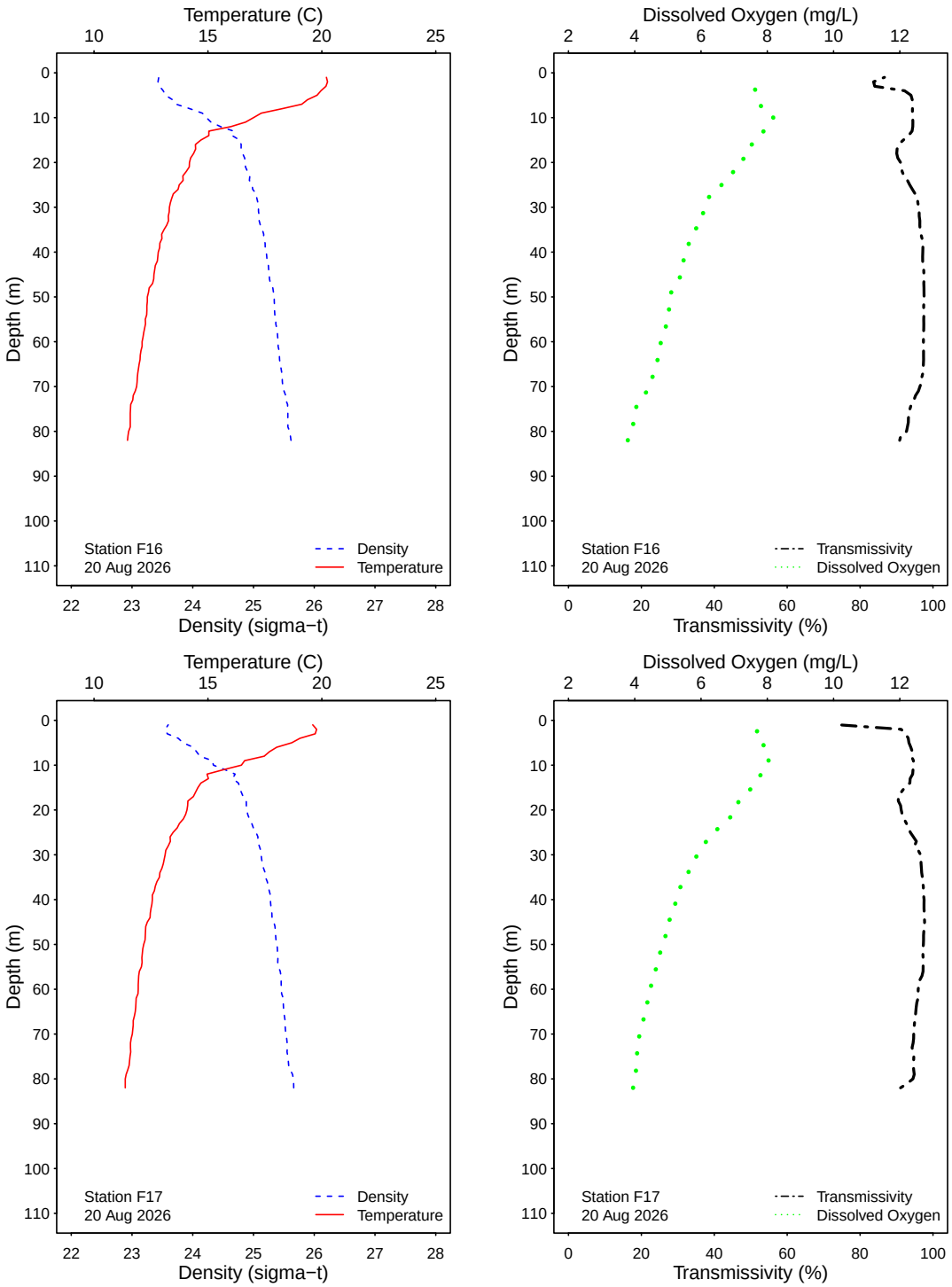


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

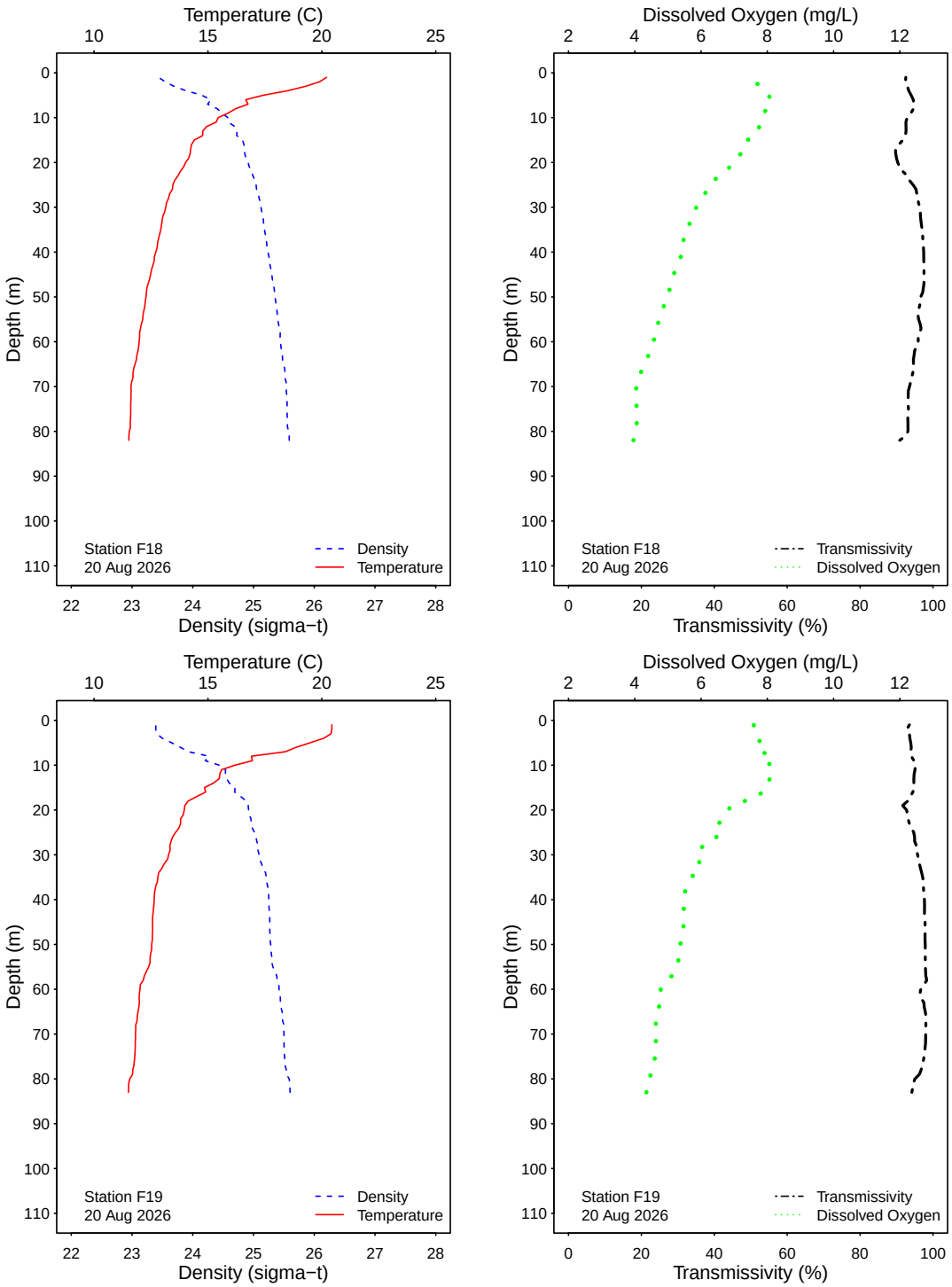


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

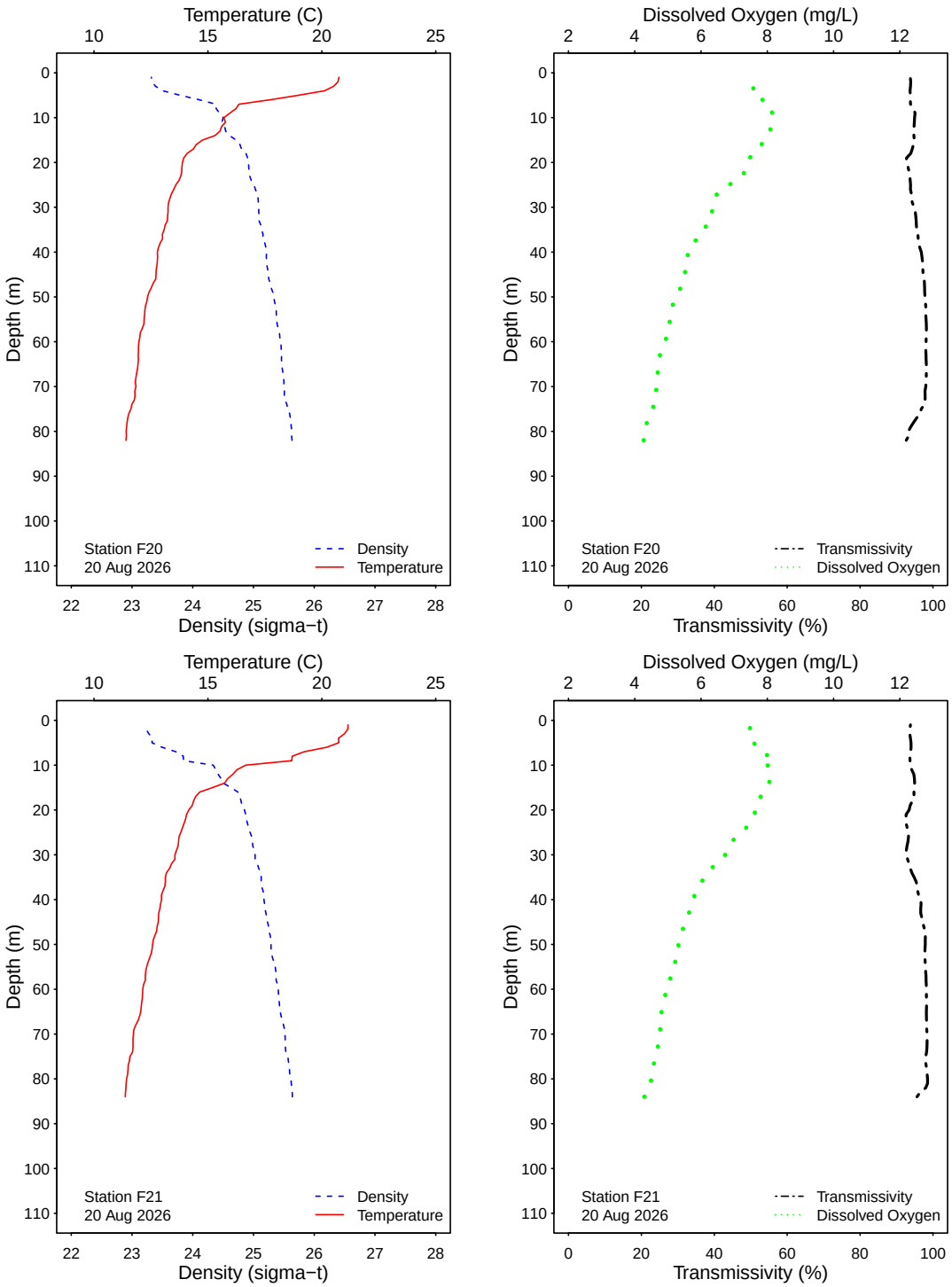


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

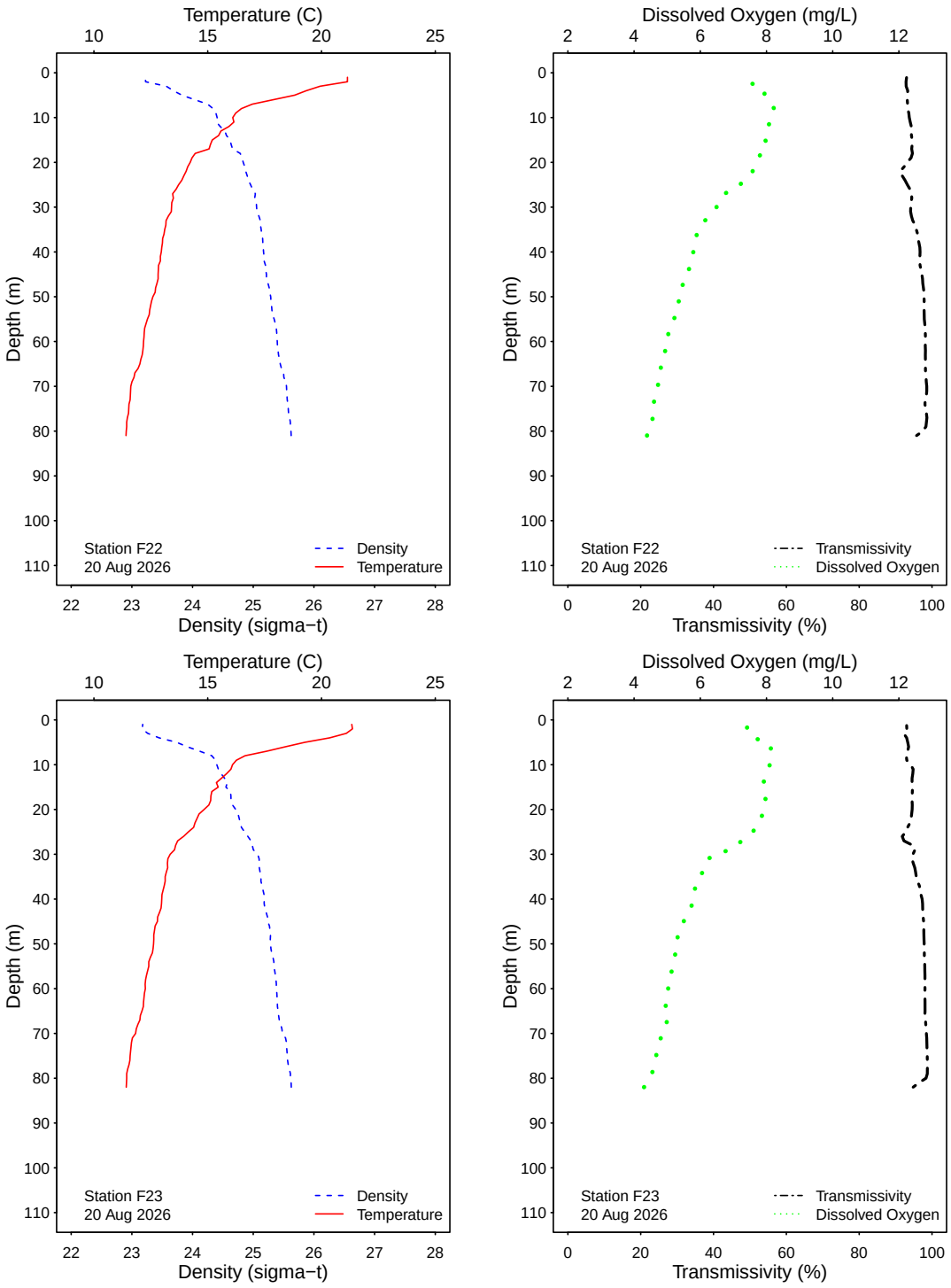


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

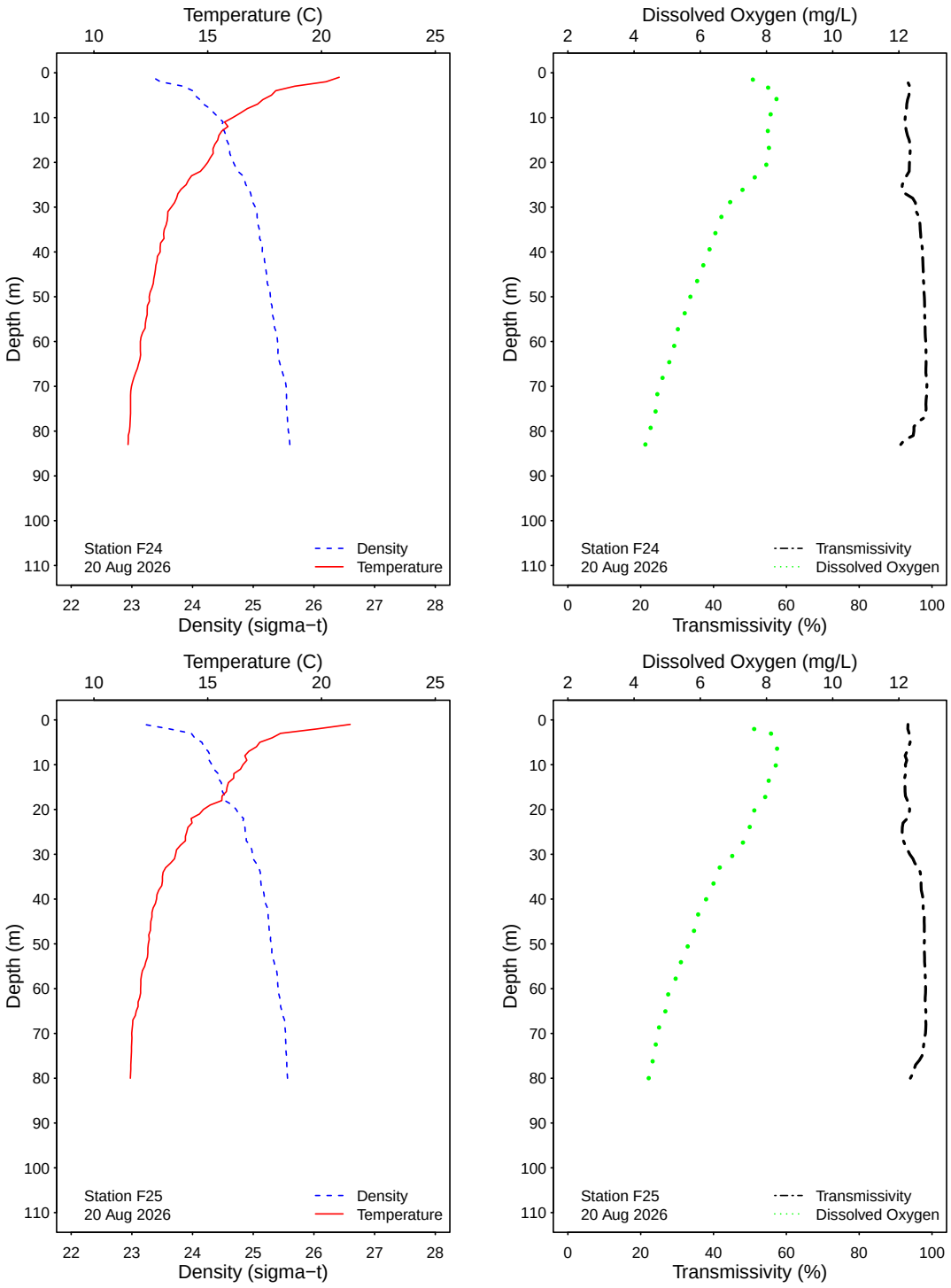


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

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APPENDIX A

Quality Assurance

Table A.1

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

Station	Date	Depth	Analyst	Procedure	Total	Fecal	Entero
F28	18 Aug 2026	60	JF	LAB DUPLICATE	ns	ns	1
F17	20 Aug 2026	80	SS	LAB DUPLICATE	ns	ns	400
F01	19 Aug 2026	12	NCD	LAB DUPLICATE	ns	ns	1
F29	18 Aug 2026	60	JF	LAB DUPLICATE	ns	ns	1
F18	20 Aug 2026	60	SS	LAB DUPLICATE	ns	ns	12
F07	19 Aug 2026	60	NCD	LAB DUPLICATE	ns	ns	11
F30	18 Aug 2026	60	JF	LAB DUPLICATE	ns	ns	2
F19	20 Aug 2026	60	SS	LAB DUPLICATE	ns	ns	2200
F08	19 Aug 2026	60	NCD	LAB DUPLICATE	ns	ns	100
A7	03 Aug 2026	18	SS	LAB DUPLICATE	ns	2	1
A7	10 Aug 2026	18	KT	LAB DUPLICATE	ns	2	1
A7	17 Aug 2026	18	ADG	LAB DUPLICATE	ns	2	1
A7	25 Aug 2026	18	JF	LAB DUPLICATE	ns	2	1
F31	18 Aug 2026	80	JF	LAB DUPLICATE	ns	ns	4
F20	20 Aug 2026	60	SS	LAB DUPLICATE	ns	ns	1
F32	18 Aug 2026	80	JF	LAB DUPLICATE	ns	ns	3
F21	20 Aug 2026	80	KT	LAB DUPLICATE	ns	ns	1
C7	03 Aug 2026	18	SS	LAB DUPLICATE	ns	2	1
C7	10 Aug 2026	18	KT	LAB DUPLICATE	ns	2	1
C7	17 Aug 2026	18	ADG	LAB DUPLICATE	ns	2	1
C7	25 Aug 2026	18	JF	LAB DUPLICATE	ns	2	1
F11	19 Aug 2026	60	NCD	LAB DUPLICATE	ns	ns	1
C8	03 Aug 2026	12	SS	LAB DUPLICATE	ns	2	1
C8	10 Aug 2026	12	KT	LAB DUPLICATE	ns	2	1
C8	17 Aug 2026	12	ADG	LAB DUPLICATE	ns	2	1
C8	25 Aug 2026	12	JF	LAB DUPLICATE	ns	2	1
F34	18 Aug 2026	60	JF	LAB DUPLICATE	ns	ns	1
F02	19 Aug 2026	12	NCD	LAB DUPLICATE	ns	ns	1
D12	05 Aug 2026		ADG	FIELD DUPLICATE	4	2	1
D12	05 Aug 2026		ADG	LAB DUPLICATE	4	2	2
D12	12 Aug 2026		ADG	LAB DUPLICATE	40	2	2
D12	12 Aug 2026		ADG	FIELD DUPLICATE	20	2	2
D12	19 Aug 2026		KT	FIELD DUPLICATE	2	2	1
D12	19 Aug 2026		KT	LAB DUPLICATE	4	2	1
D12	26 Aug 2026		ADG	FIELD DUPLICATE	80	30	1200
D12	26 Aug 2026		ADG	LAB DUPLICATE	20	24	20

ns = not sampled
ND = no data

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