SD Public Utilities

SOUTH BAY OCEAN OUTFALL MONTHLY RECEIVING WATERS MONITORING REPORT

SOUTH BAY WATER RECLAMATION PLANT

NPDES Permit No. CA0109045
SDRWQCB Order No. R9-2026-0006

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 South Bay Ocean Outfall, South Bay Water Reclamation Plant as required per Order No. R9-2021-0011 as amended by Order No. R9-2026-0006, NPDES Permit No. CA0109045.

This report includes raw ocean monitoring data and summaries of water quality parameters and ocean conditions measured during the month for the South Bay outfall region. Also included are summaries of compliance with the bacterial water-contact standards specified in the California Ocean Plan. These data are also presented in the monthly report submitted by the International Boundary and Water Commission, U.S. Section for discharge from the South Bay International Wastewater Treatment Plant (Order No. R9-2021-0001, NPDES Permit No. CA0108928).

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 from Playa Blanco, Mexico to Coronado, USA are submitted to the San Diego Regional Water Quality Control Board and U.S. EPA Region 9 in accordance with Order No. R9-2026-0006, NPDES Permit No. CA0109045, for the South Bay Water Reclamation Plant (SBWRP), South Bay Ocean Outfall (SBOO). 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 SBWRP are presented in separate reports.

MATERIALS AND METHODS

Shore Stations

Water quality monitoring was conducted at 11 stations located along the shore from Playa Blanca, Mexico to Coronado, USA (see station locations map). Three sites are located south of the international border (stations S0, S2, S3), while eight sites are in the United States (stations S4–S6 and S8–S12).

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

Kelp Bed Stations

Seven kelp bed and other nearshore stations (I19, I24, I25, I26, I32, I39, I40; collectively referred to as "kelp" stations herein) were sampled weekly according to NPDES permit specifications. Six stations (I19, I24, I25, I26, I32, I40) are located along the 9-m depth contour, and one (I39) is located along the 18-m depth contour. Three of these stations, I25, I26, and I39, were selected based on their proximity to suitable substrates for the Imperial Beach kelp bed (see station locations map); however, this kelp bed has been historically transient and variable in terms of size and density. Thus, these three stations are only occasionally located within an area where kelp is actually found.

Routine monitoring at each kelp site consists of collecting seawater samples at three discrete depths for bacteriological analyses (total coliforms, fecal coliforms, and *Enterococcus* bacteria) and generating water column profiles of various physical/chemical parameters, including water temperature, salinity, density, dissolved oxygen, pH, chlorophyll *a*, and transmissivity. Visual observations of weather and water conditions are also recorded at all stations.

Seawater samples at the kelp bed stations are primarily collected using a CTD-integrated rosette sampler with Niskin bottles. Aliquots for bacteriological analyses were drawn from these bottles into sterile sample bottles for processing at the City's Marine Microbiology Laboratory. Water column profiles of the various physical/chemical parameters were taken using a CTD. The CTD collected these physical/chemical data at a rate ≥ 4 scans per second. The data were then internally averaged using the CTD proprietary software, Seasoft, to create water column profiles equivalent to one reading per meter. Additionally, CTD profile data for each water sample depth are presented

with the bacteriological data.

Offshore Stations

Quarterly offshore water quality sampling is typically conducted over three days during February, May, August, and November for a total of 40 stations during each month (see station locations map). These offshore stations (I1–I40) are arranged in a grid surrounding the discharge site, and are generally located along the 9, 19, 28, 38, and 55-m depth contours. The seven offshore sites designated as kelp bed stations (described above) are included as part of the quarterly offshore water quality sampling, however the data from these seven stations are reported within the kelp bed station section of the report with the other days of kelp bed water quality sampling. Monitoring at all sites included measurements of various physical/chemical parameters, including water temperature, salinity, density, dissolved oxygen, pH, chlorophyll *a*, transmissivity, and chromomorphic dissolved organic matter (CDOM). Visual observations of weather and water conditions were also recorded at all stations. Seawater samples for the analysis of indicator bacteria were collected at 28 of the stations.

At these offshore stations, water samples for bacteriological analyses were collected using a rosette sampler with Niskin bottles. Measurements of the physical/chemical parameters listed above were taken using a Sea-Bird CTD. Additionally, CTD profile data for depths closest to those at which bacteriological samples were collected were extracted from the CTD profiles and are 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) The six-week rolling GM of E*nterococci* 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

<u>Shellfish Harvesting Standards</u>

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.

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

Compliance with the seven Ocean Plan standards are summarized below for the stations located in USA waters. In contrast, no such compliance summaries are presented for the three shore stations located in Mexican waters south of the International Border (i.e., S0, S2, and S3) since this region is not subject to the Ocean Plan standards.

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 exactly 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

- **Shoreline Water Quality Sampling**
  - Due to site access restrictions in Mexico, the South Bay shoreline sampling is typically carried out on the same day each week (i.e., Tuesday) to coordinate sampling between the Mexican and USA based stations. Seawater samples at the three shore stations located south of the USA/Mexico border (i.e., stations S0, S2 and S3) are presently collected by the Comisión Internacional de Límites y Aguas (CILA) and transported to the USIBWC for subsequent delivery to the City's Marine Microbiology Lab, while samples from the eight stations located in USA waters are sampled by City staff.
  - During August**,** six of the eight shore stations located north of the border were out of compliance with the 2019 California Ocean Plan (Ocean Plan) water contact standards on one or more days as follows:
    - The single sample maximum (SSM) standard for fecal coliforms was exceeded at stations S6 and S12.
    - The 6-week running geometric mean standard for *Enterococcus* was exceeded at stations S5, S6, and S11.
    - The statistical threshold value (STV) standard for *Enterococcus* was exceeded at stations S6, S11, and S12.
    - The 30-day running median standard for total coliforms was exceeded at stations S4, S5, S6, S9, S11, and S12.

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

        - The STV standard for total coliforms was exceeded at stations S4, S5, S6, S11, and S12.
    - A sewage-like odor was detected at SBOO shore stations S4, S5, S6, S11, and S12 on one or more days in August.
    - Historical analyses of Ocean Plan compliance rates for the South Bay outfall shore and kelp monitoring stations, combined with the results of satellite imagery data, suggest that outflows from the Tijuana River and Los Buenos Creek, as well as surface runoff during or after rain events (storms), are likely to be the cause of impacted water quality along the shore and in near shore recreational waters in the South Bay region. See the City of San Diego's most recent *Biennial Receiving Waters Monitoring and Assessment Report for the Point Loma and South Bay Ocean Outfalls* for details (https://www.sandiego.gov/public-utilities/sustainability/ocean-monitoring/reports).

- **Kelp Bed Water Quality Sampling**
    - The seven kelp bed water quality stations (I19, I24, I25, I26, I32, I39, I40) were sampled on August 3, 10, 17, and 25.
    - During August, three of the seven kelp bed stations were out of compliance with the 2019 Ocean Plan water contact standards on one or more days as follows:
        - The 30-day running median standard for total coliforms was exceeded at stations I19 and I32.
        - The STV standard for total coliforms was exceeded at stations I26 and I32.
    - Water column temperatures ranged from 15.21 to 23.35°C. The difference between surface and bottom waters ranged from 1.59 to 7.61°C.
    - Concentrations of chlorophyll *a* ranged from 0.30 to 3.24 µg/L at the kelp bed stations.
    - Nothing of sewage origin was detected at SBOO kelp stations in August.

- **Offshore Water Quality Sampling**
    - Quarterly offshore water quality sampling was conducted over three days during the month (i.e., August 11, 13, 14).
    - During August, two of the ten offshore stations located within State jurisdictional waters (i.e., I12, I14, I16, I18, I22, I23, I33, I36–I38) were out of compliance with the various 2019 Ocean Plan water contact standards one or more days as follows:
        - The SSM standard for fecal coliforms was exceeded at stations I14 and I22.
        - The STV standard for *Enterococcus* was exceeded at stations I14 and I22.
        - The STV standard for total coliforms was exceeded at stations I14 and I22.
    - Water column temperatures ranged from 12.44 to 22.43°C at the offshore sites. The difference between surface and bottom waters ranged from 4.09 to 9.60°C.
    - Chlorophyll *a* concentrations ranged from 0.22 to 3.29 µg/L at the offshore sites.
    - CDOM data are available upon request.

TABLES AND FIGURES

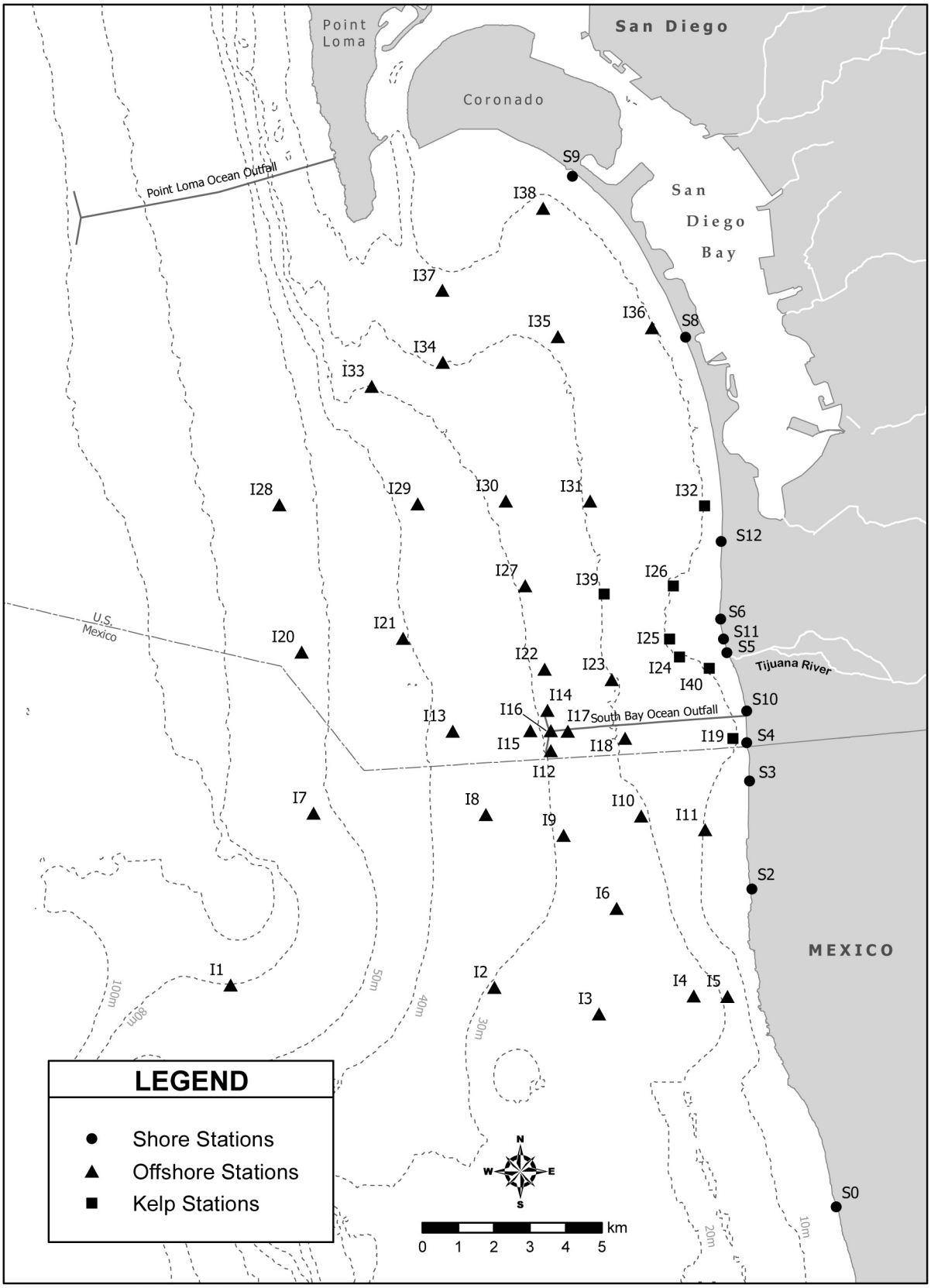


Figure 1.1 Station Map

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Shore Stations

Table 2.1

Summary of compliance with the Ocean Plan's 30-day Geometric Mean standard for fecal coliform bacteria at the SBOO 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	S4	S5	S6	S8	S9	S10	S11	S12
01 Aug 2026	*33	*55	*71	*8	*6	*8	*30	*9
02 Aug 2026	*33	*55	*71	*8	*6	*8	*30	*9
03 Aug 2026	*33	*55	*71	*8	*6	*8	*30	*9
04 Aug 2026	23	33	59	6	5	6	25	10
05 Aug 2026	23	33	59	6	5	6	25	10
06 Aug 2026	*36	*12	*44	*8	*4	*8	*15	*9
07 Aug 2026	*36	*12	*44	*8	*4	*8	*15	*9
08 Aug 2026	*36	*12	*44	*8	*4	*8	*15	*9
09 Aug 2026	*36	*12	*44	*8	*4	*8	*15	*9
10 Aug 2026	*36	*12	*44	*8	*4	*8	*15	*9
11 Aug 2026	28	17	95	10	5	9	19	25
12 Aug 2026	28	17	95	10	5	9	19	25
13 Aug 2026	*15	*10	*47	*8	*5	*8	*9	*24
14 Aug 2026	*15	*10	*47	*8	*5	*8	*9	*24
15 Aug 2026	*15	*10	*47	*8	*5	*8	*9	*24
16 Aug 2026	*15	*10	*47	*8	*5	*8	*9	*24
17 Aug 2026	*15	*10	*47	*8	*5	*8	*9	*24
18 Aug 2026	10	7	25	6	7	7	7	15
19 Aug 2026	10	7	25	6	7	7	7	15
20 Aug 2026	*6	*7	*40	*6	*8	*5	*9	*24
21 Aug 2026	*6	*7	*40	*6	*8	*5	*9	*24
22 Aug 2026	*6	*7	*40	*6	*8	*5	*9	*24
23 Aug 2026	*6	*7	*40	*6	*8	*5	*9	*24
24 Aug 2026	*6	*7	*40	*6	*8	*5	*9	*24
25 Aug 2026	6	7	25	7	9	7	9	23
26 Aug 2026	6	7	25	7	9	7	9	23
27 Aug 2026	*5	*7	*26	*5	*9	*6	*13	*30
28 Aug 2026	*5	*7	*26	*5	*9	*6	*13	*30
29 Aug 2026	*5	*7	*26	*5	*9	*6	*13	*30
30 Aug 2026	*5	*7	*26	*5	*9	*6	*13	*30
31 Aug 2026	*5	*7	*26	*5	*9	*6	*13	*30

* Geometric mean calculated using n<5

Table 2.2

Summary of compliance at the SBOO 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	S4	S5	S6	S8	S9	S10	S11	S12
04 Aug 2026	IC	IC	IC	IC	IC	IC	IC	IC
11 Aug 2026	IC	IC	**E**	IC	IC	IC	IC	**E**
18 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 2.3

Summary of compliance with the Ocean Plan's 6-week Geometric Mean standard for *Enterococcus* at the SBOO 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	S4	S5	S6	S8	S9	S10	S11	S12
01 Aug 2026	9	**176**	**102**	5	10	8	**228**	15
02 Aug 2026	9	**176**	**102**	5	10	8	**228**	15
03 Aug 2026	9	**176**	**102**	5	10	8	**228**	15
04 Aug 2026	7	**162**	**100**	4	8	6	**223**	17
05 Aug 2026	6	**192**	**116**	3	6	5	**281**	10
06 Aug 2026	6	**192**	**116**	3	6	5	**281**	10
07 Aug 2026	6	**192**	**116**	3	6	5	**281**	10
08 Aug 2026	6	**192**	**116**	3	6	5	**281**	10
09 Aug 2026	6	**192**	**116**	3	6	5	**281**	10
10 Aug 2026	6	**192**	**116**	3	6	5	**281**	10
11 Aug 2026	7	**117**	**184**	3	6	6	**139**	23
12 Aug 2026	7	**117**	**184**	3	6	6	**139**	23
13 Aug 2026	7	**117**	**184**	3	6	6	**139**	23
14 Aug 2026	7	**117**	**184**	3	6	6	**139**	23
15 Aug 2026	7	**117**	**184**	3	6	6	**139**	23
16 Aug 2026	7	**117**	**184**	3	6	6	**139**	23
17 Aug 2026	7	**117**	**184**	3	6	6	**139**	23
18 Aug 2026	6	**41**	**56**	3	7	7	**50**	16
19 Aug 2026	6	**41**	**56**	3	7	7	**50**	16
20 Aug 2026	6	**41**	**56**	3	7	7	**50**	16
21 Aug 2026	6	**41**	**56**	3	7	7	**50**	16
22 Aug 2026	6	**41**	**56**	3	7	7	**50**	16
23 Aug 2026	6	**41**	**56**	3	7	7	**50**	16
24 Aug 2026	6	**41**	**56**	3	7	7	**50**	16
25 Aug 2026	7	**52**	**31**	3	9	9	**35**	30
26 Aug 2026	7	**52**	**31**	3	9	9	**35**	30
27 Aug 2026	7	**52**	**31**	3	9	9	**35**	30
28 Aug 2026	7	**52**	**31**	3	9	9	**35**	30
29 Aug 2026	7	**52**	**31**	3	9	9	**35**	30
30 Aug 2026	7	**52**	**31**	3	9	9	**35**	30
31 Aug 2026	7	**52**	**31**	3	9	9	**35**	30

* Geometric mean calculated using n<5

Table 2.4

Summary of compliance at the SBOO 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	S4	S5	S6	S8	S9	S10	S11	S12
August	IC	IC	**E**	IC	IC	IC	**E**	**E**

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 SBOO 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	S4	S5	S6	S8	S9	S10	S11	S12
01 Aug 2026	***130**	***670**	***8020**	*20	***120**	*20	***3830**	***170**
02 Aug 2026	***130**	***670**	***8020**	*20	***120**	*20	***3830**	***170**
03 Aug 2026	***130**	***670**	***8020**	*20	***120**	*20	***3830**	***170**
04 Aug 2026	20	**200**	**400**	20	**200**	20	**200**	**120**
05 Aug 2026	20	**200**	**400**	20	**200**	20	**200**	**120**
06 Aug 2026	***130**	***170**	***220**	*20	***200**	*20	***130**	***90**
07 Aug 2026	***130**	***170**	***220**	*20	***200**	*20	***130**	***90**
08 Aug 2026	***130**	***170**	***220**	*20	***200**	*20	***130**	***90**
09 Aug 2026	***130**	***170**	***220**	*20	***200**	*20	***130**	***90**
10 Aug 2026	***130**	***170**	***220**	*20	***200**	*20	***130**	***90**
11 Aug 2026	60	**200**	**400**	20	**200**	20	**200**	**120**
12 Aug 2026	60	**200**	**400**	20	**200**	20	**200**	**120**
13 Aug 2026	*40	***170**	***220**	*20	***200**	*30	***130**	***360**
14 Aug 2026	*40	***170**	***220**	*20	***200**	*30	***130**	***360**
15 Aug 2026	*40	***170**	***220**	*20	***200**	*30	***130**	***360**
16 Aug 2026	*40	***170**	***220**	*20	***200**	*30	***130**	***360**
17 Aug 2026	*40	***170**	***220**	*20	***200**	*30	***130**	***360**
18 Aug 2026	20	**140**	40	20	**200**	40	60	**120**
19 Aug 2026	20	**140**	40	20	**200**	40	60	**120**
20 Aug 2026	*20	***120**	***210**	*20	***200**	*40	***110**	***360**
21 Aug 2026	*20	***120**	***210**	*20	***200**	*40	***110**	***360**
22 Aug 2026	*20	***120**	***210**	*20	***200**	*40	***110**	***360**
23 Aug 2026	*20	***120**	***210**	*20	***200**	*40	***110**	***360**
24 Aug 2026	*20	***120**	***210**	*20	***200**	*40	***110**	***360**
25 Aug 2026	20	60	20	20	**200**	40	60	**360**
26 Aug 2026	20	60	20	20	**200**	40	60	**360**
27 Aug 2026	*40	***130**	***210**	*20	***200**	*50	***130**	***240**
28 Aug 2026	*40	***130**	***210**	*20	***200**	*50	***130**	***240**
29 Aug 2026	*40	***130**	***210**	*20	***200**	*50	***130**	***240**
30 Aug 2026	*40	***130**	***210**	*20	***200**	*50	***130**	***240**
31 Aug 2026	*40	***130**	***210**	*20	***200**	*50	***130**	***240**

* Median calculated using n<5

Table 2.6

Summary of compliance at the SBOO 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	S4	S5	S6	S8	S9	S10	S11	S12
August	**E**	**E**	**E**	IC	IC	IC	**E**	**E**

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

Table 2.7

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

Station	Date	Time	Total	Fecal	Entero
S0	04 Aug 2026	845	800	28e	40e
S0	11 Aug 2026	800	60e	20e	30e
S0	18 Aug 2026	820	620	60e	96
S0	25 Aug 2026	810	800e	460	280e
S10	04 Aug 2026	956	<20	<2	<2
S10	11 Aug 2026	740	40e	10e	36e
S10	18 Aug 2026	921	60e	4e	6e
S10	25 Aug 2026	745	180e	16e	52
S11	04 Aug 2026	901	200e	12e	200e
S11	11 Aug 2026	811	1200e	58	40e
S11	18 Aug 2026	932	<20	4e	4e
S11	25 Aug 2026	729	60e	10e	80
S12	04 Aug 2026	932	120e	12e	40
S12	11 Aug 2026	844	>16000	1800e	440
S12	18 Aug 2026	1020	<20	<2	2e
S12	25 Aug 2026	815	360e	<20	88
S2	04 Aug 2026	945	<20	6e	4e
S2	11 Aug 2026	940	20e	6e	8e
S2	18 Aug 2026	940	<20	<2	2e
S2	25 Aug 2026	930	400	30e	120e
S3	04 Aug 2026	920	<20	<2	<2
S3	11 Aug 2026	900	<20	4e	8e
S3	18 Aug 2026	920	<20	<2	<2
S3	25 Aug 2026	900	320e	18e	34e
S4	04 Aug 2026	1020	<20	6e	2e
S4	11 Aug 2026	803	60e	10e	38e
S4	18 Aug 2026	942	<20	<2	2e
S4	25 Aug 2026	805	240e	6e	34e
S5	04 Aug 2026	840	<200	4e	100e
S5	11 Aug 2026	751	1000	60	60
S5	18 Aug 2026	911	40e	<2	18e
S5	25 Aug 2026	709	60e	6e	86
S6	04 Aug 2026	913	400e	28e	92
S6	11 Aug 2026	827	>16000	2200e	480
S6	18 Aug 2026	943	<20	<2	<2
S6	25 Aug 2026	748	<20	4e	64
S8	04 Aug 2026	844	<20	2e	<2
S8	11 Aug 2026	905	<20	<20	<2
S8	18 Aug 2026	835	<20	<2	<2
S8	25 Aug 2026	703	20e	10e	18e
S9	04 Aug 2026	819	<200	2e	2e
S9	11 Aug 2026	930	<200	8e	10e
S9	18 Aug 2026	810	60e	20e	4e

Station	Date	Time	Total	Fecal	Entero
S9	25 Aug 2026	631	200e	24e	80e

ns = not sampled
ND = no data

Table 2.8

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

Station	Date	Parameter	Value
S0	04 Aug 2026	Arrive Time	845
S0	04 Aug 2026	Wind Speed (kts)	0.9
S0	04 Aug 2026	Wind Dir	NE
S0	04 Aug 2026	Animal Life	Dog-1; Seagull-10;
S0	04 Aug 2026	Floatables	
S0	04 Aug 2026	Current Direction	N
S0	04 Aug 2026	Water Temp (C)	15
S0	04 Aug 2026	High Tide Time	46
S0	04 Aug 2026	Low Tide Time	654
S0	04 Aug 2026	Comments	Water clear; Trash-0; Kelp; Person/Walker/Jogger-2; 0.5 L/s water flowing from storm drain
S0	11 Aug 2026	Arrive Time	800
S0	11 Aug 2026	Wind Speed (kts)	0.8
S0	11 Aug 2026	Wind Dir	SE
S0	11 Aug 2026	Animal Life	Bird-20; Dog-2;
S0	11 Aug 2026	Floatables	
S0	11 Aug 2026	Current Direction	N
S0	11 Aug 2026	Water Temp (C)	16
S0	11 Aug 2026	High Tide Time	927
S0	11 Aug 2026	Low Tide Time	315
S0	11 Aug 2026	Comments	Water turbid; Trash-0; Kelp; 2.0 L/S water flowing from storm drain.
S0	18 Aug 2026	Arrive Time	820
S0	18 Aug 2026	Wind Speed (kts)	1.3
S0	18 Aug 2026	Wind Dir	NE
S0	18 Aug 2026	Animal Life	Dog-10; Seagull-20;
S0	18 Aug 2026	Floatables	
S0	18 Aug 2026	Current Direction	S
S0	18 Aug 2026	Water Temp (C)	15
S0	18 Aug 2026	High Tide Time	122
S0	18 Aug 2026	Low Tide Time	651
S0	18 Aug 2026	Comments	Water turbid; Trash-0; Kelp; 1.0 L/s water flowing from storm drain
S0	25 Aug 2026	Arrive Time	810
S0	25 Aug 2026	Wind Speed (kts)	0.8
S0	25 Aug 2026	Wind Dir	NE
S0	25 Aug 2026	Animal Life	Seagull-20;
S0	25 Aug 2026	Floatables	
S0	25 Aug 2026	Current Direction	N
S0	25 Aug 2026	Water Temp (C)	14
S0	25 Aug 2026	High Tide Time	903
S0	25 Aug 2026	Low Tide Time	251
S0	25 Aug 2026	Comments	Water turbid; Trash-0; Kelp; 1.0 L/s water flowing from storm drain
S2	04 Aug 2026	Arrive Time	945
S2	04 Aug 2026	Wind Speed (kts)	1.2
S2	04 Aug 2026	Wind Dir	N
S2	04 Aug 2026	Animal Life	Dog-3; Seagull-10;
S2	04 Aug 2026	Floatables	
S2	04 Aug 2026	Current Direction	N
S2	04 Aug 2026	Water Temp (C)	15
S2	04 Aug 2026	High Tide Time	46

Station	Date	Parameter	Value
S2	04 Aug 2026	Low Tide Time	654
S2	04 Aug 2026	Comments	Water clear; Trash-0; Kelp; Person/Walker/Jogger-10; No flow from storm drain
S2	11 Aug 2026	Arrive Time	940
S2	11 Aug 2026	Wind Speed (kts)	1.1
S2	11 Aug 2026	Wind Dir	SE
S2	11 Aug 2026	Animal Life	Dog-3; Seagull-20;
S2	11 Aug 2026	Floatables	
S2	11 Aug 2026	Current Direction	N
S2	11 Aug 2026	Water Temp (C)	16
S2	11 Aug 2026	High Tide Time	927
S2	11 Aug 2026	Low Tide Time	315
S2	11 Aug 2026	Comments	Water turbid; Trash-0; No flow from storm drain.
S2	18 Aug 2026	Arrive Time	940
S2	18 Aug 2026	Wind Speed (kts)	1.1
S2	18 Aug 2026	Wind Dir	NE
S2	18 Aug 2026	Animal Life	Dog-6; Seagull-20;
S2	18 Aug 2026	Floatables	
S2	18 Aug 2026	Current Direction	S
S2	18 Aug 2026	Water Temp (C)	15
S2	18 Aug 2026	High Tide Time	122
S2	18 Aug 2026	Low Tide Time	651
S2	18 Aug 2026	Comments	Water turbid; Trash-0; Kelp; No flow from storm drain
S2	25 Aug 2026	Arrive Time	930
S2	25 Aug 2026	Wind Speed (kts)	1.1
S2	25 Aug 2026	Wind Dir	NE
S2	25 Aug 2026	Animal Life	Dog-3; Seagull-20;
S2	25 Aug 2026	Floatables	
S2	25 Aug 2026	Current Direction	N
S2	25 Aug 2026	Water Temp (C)	15
S2	25 Aug 2026	High Tide Time	903
S2	25 Aug 2026	Low Tide Time	251
S2	25 Aug 2026	Comments	Water turbid; Trash-0; Kelp; No flow from storm drain
S3	04 Aug 2026	Arrive Time	920
S3	04 Aug 2026	Wind Speed (kts)	1
S3	04 Aug 2026	Wind Dir	NE
S3	04 Aug 2026	Animal Life	Dog-4; Seagull-10;
S3	04 Aug 2026	Floatables	
S3	04 Aug 2026	Current Direction	N
S3	04 Aug 2026	Water Temp (C)	15
S3	04 Aug 2026	High Tide Time	46
S3	04 Aug 2026	Low Tide Time	654
S3	04 Aug 2026	Comments	Water clear; Trash-0; Kelp; Person/Walker/Jogger-10; No flow from storm drain
S3	11 Aug 2026	Arrive Time	900
S3	11 Aug 2026	Wind Speed (kts)	1.6
S3	11 Aug 2026	Wind Dir	SE
S3	11 Aug 2026	Animal Life	Dog-6; Seagull-20;
S3	11 Aug 2026	Floatables	
S3	11 Aug 2026	Current Direction	N
S3	11 Aug 2026	Water Temp (C)	16
S3	11 Aug 2026	High Tide Time	927
S3	11 Aug 2026	Low Tide Time	315
S3	11 Aug 2026	Comments	Water turbid; Trash-0; Kelp; No flow from storm drain
S3	18 Aug 2026	Arrive Time	920

Station	Date	Parameter	Value
S3	18 Aug 2026	Wind Speed (kts)	0.6
S3	18 Aug 2026	Wind Dir	NE
S3	18 Aug 2026	Animal Life	Dog-3; Seagull-20;
S3	18 Aug 2026	Floatables	
S3	18 Aug 2026	Current Direction	S
S3	18 Aug 2026	Water Temp (C)	15
S3	18 Aug 2026	High Tide Time	122
S3	18 Aug 2026	Low Tide Time	651
S3	18 Aug 2026	Comments	Water turbid; Trash-0; Kelp; No flow from storm drain
S3	25 Aug 2026	Arrive Time	900
S3	25 Aug 2026	Wind Speed (kts)	1.6
S3	25 Aug 2026	Wind Dir	NE
S3	25 Aug 2026	Animal Life	Dog-4; Seagull-20;
S3	25 Aug 2026	Floatables	
S3	25 Aug 2026	Current Direction	N
S3	25 Aug 2026	Water Temp (C)	14
S3	25 Aug 2026	High Tide Time	903
S3	25 Aug 2026	Low Tide Time	251
S3	25 Aug 2026	Comments	Water turbid; Trash-0; Kelp; No flow from storm drain
S4	04 Aug 2026	Arrive Time	1020
S4	04 Aug 2026	Wind Speed (kts)	3.7
S4	04 Aug 2026	Wind Dir	S
S4	04 Aug 2026	Animal Life	
S4	04 Aug 2026	Floatables	
S4	04 Aug 2026	Current Direction	N
S4	04 Aug 2026	Water Temp (C)	16
S4	04 Aug 2026	High Tide Time	46
S4	04 Aug 2026	Low Tide Time	654
S4	04 Aug 2026	Comments	Water clear; Trash-5; Kelp;Seagrass;Algae;Debris; Sewage-like odor
S4	11 Aug 2026	Arrive Time	803
S4	11 Aug 2026	Wind Speed (kts)	2.5
S4	11 Aug 2026	Wind Dir	SW
S4	11 Aug 2026	Animal Life	Bird-18;
S4	11 Aug 2026	Floatables	
S4	11 Aug 2026	Current Direction	S
S4	11 Aug 2026	Water Temp (C)	18.6
S4	11 Aug 2026	High Tide Time	927
S4	11 Aug 2026	Low Tide Time	315
S4	11 Aug 2026	Comments	Water clear; Trash-5; Kelp;Seagrass
S4	18 Aug 2026	Arrive Time	942
S4	18 Aug 2026	Wind Speed (kts)	2.4
S4	18 Aug 2026	Wind Dir	SW
S4	18 Aug 2026	Animal Life	
S4	18 Aug 2026	Floatables	
S4	18 Aug 2026	Current Direction	S
S4	18 Aug 2026	Water Temp (C)	16.5
S4	18 Aug 2026	High Tide Time	122
S4	18 Aug 2026	Low Tide Time	651
S4	18 Aug 2026	Comments	Water clear; Trash-4; Seagrass;Kelp
S4	25 Aug 2026	Arrive Time	805
S4	25 Aug 2026	Wind Speed (kts)	0.2
S4	25 Aug 2026	Wind Dir	W
S4	25 Aug 2026	Animal Life	Bird-6;
S4	25 Aug 2026	Floatables	
S4	25 Aug 2026	Current Direction	S

Station	Date	Parameter	Value
S4	25 Aug 2026	Water Temp (C)	17.5
S4	25 Aug 2026	High Tide Time	903
S4	25 Aug 2026	Low Tide Time	251
S4	25 Aug 2026	Comments	Water clear; Trash-4; Kelp;Seagrass; Person/Walker/Jogger-3
S10	04 Aug 2026	Arrive Time	956
S10	04 Aug 2026	Wind Speed (kts)	2.8
S10	04 Aug 2026	Wind Dir	S
S10	04 Aug 2026	Animal Life	
S10	04 Aug 2026	Floatables	
S10	04 Aug 2026	Current Direction	N
S10	04 Aug 2026	Water Temp (C)	12
S10	04 Aug 2026	High Tide Time	46
S10	04 Aug 2026	Low Tide Time	654
S10	04 Aug 2026	Comments	Water clear; Trash-5; Kelp;Seagrass;Algae;Debris
S10	11 Aug 2026	Arrive Time	740
S10	11 Aug 2026	Wind Speed (kts)	3.5
S10	11 Aug 2026	Wind Dir	SW
S10	11 Aug 2026	Animal Life	Bird-8;
S10	11 Aug 2026	Floatables	
S10	11 Aug 2026	Current Direction	S
S10	11 Aug 2026	Water Temp (C)	18.5
S10	11 Aug 2026	High Tide Time	927
S10	11 Aug 2026	Low Tide Time	315
S10	11 Aug 2026	Comments	Water clear; Trash-5; Kelp;Seagrass
S10	18 Aug 2026	Arrive Time	921
S10	18 Aug 2026	Wind Speed (kts)	3.3
S10	18 Aug 2026	Wind Dir	SW
S10	18 Aug 2026	Animal Life	Bird-5;
S10	18 Aug 2026	Floatables	
S10	18 Aug 2026	Current Direction	S
S10	18 Aug 2026	Water Temp (C)	18.3
S10	18 Aug 2026	High Tide Time	122
S10	18 Aug 2026	Low Tide Time	651
S10	18 Aug 2026	Comments	Water clear; Trash-4; Kelp;Seagrass
S10	25 Aug 2026	Arrive Time	745
S10	25 Aug 2026	Wind Speed (kts)	0
S10	25 Aug 2026	Wind Dir	XX
S10	25 Aug 2026	Animal Life	
S10	25 Aug 2026	Floatables	
S10	25 Aug 2026	Current Direction	S
S10	25 Aug 2026	Water Temp (C)	17.7
S10	25 Aug 2026	High Tide Time	903
S10	25 Aug 2026	Low Tide Time	251
S10	25 Aug 2026	Comments	Water clear; Trash-4; Kelp;Seagrass; Person/Walker/Jogger-3
S5	04 Aug 2026	Arrive Time	840
S5	04 Aug 2026	Wind Speed (kts)	5.6
S5	04 Aug 2026	Wind Dir	SW
S5	04 Aug 2026	Animal Life	Bird-10;
S5	04 Aug 2026	Floatables	
S5	04 Aug 2026	Current Direction	S
S5	04 Aug 2026	Water Temp (C)	20.3
S5	04 Aug 2026	High Tide Time	46
S5	04 Aug 2026	Low Tide Time	654
S5	04 Aug 2026	Comments	Water clear; Trash-3; Kelp;Seagrass

Station	Date	Parameter	Value
S5	11 Aug 2026	Arrive Time	751
S5	11 Aug 2026	Wind Speed (kts)	1.4
S5	11 Aug 2026	Wind Dir	NW
S5	11 Aug 2026	Animal Life	Bird-32;
S5	11 Aug 2026	Floatables	Foam
S5	11 Aug 2026	Current Direction	S
S5	11 Aug 2026	Water Temp (C)	17.1
S5	11 Aug 2026	High Tide Time	927
S5	11 Aug 2026	Low Tide Time	315
S5	11 Aug 2026	Comments	Water clear; Trash-4; Kelp;Seagrass
S5	18 Aug 2026	Arrive Time	911
S5	18 Aug 2026	Wind Speed (kts)	3
S5	18 Aug 2026	Wind Dir	SW
S5	18 Aug 2026	Animal Life	
S5	18 Aug 2026	Floatables	
S5	18 Aug 2026	Current Direction	N
S5	18 Aug 2026	Water Temp (C)	19.4
S5	18 Aug 2026	High Tide Time	122
S5	18 Aug 2026	Low Tide Time	651
S5	18 Aug 2026	Comments	Water clear; Trash-4; Kelp;Seagrass;Algae;Debris; Sewage-like odor
S5	25 Aug 2026	Arrive Time	709
S5	25 Aug 2026	Wind Speed (kts)	0.9
S5	25 Aug 2026	Wind Dir	S
S5	25 Aug 2026	Animal Life	
S5	25 Aug 2026	Floatables	
S5	25 Aug 2026	Current Direction	S
S5	25 Aug 2026	Water Temp (C)	17.4
S5	25 Aug 2026	High Tide Time	903
S5	25 Aug 2026	Low Tide Time	251
S5	25 Aug 2026	Comments	Water clear; Trash-4; Kelp;Seagrass
S11	04 Aug 2026	Arrive Time	901
S11	04 Aug 2026	Wind Speed (kts)	5
S11	04 Aug 2026	Wind Dir	SW
S11	04 Aug 2026	Animal Life	Bird-5;
S11	04 Aug 2026	Floatables	
S11	04 Aug 2026	Current Direction	S
S11	04 Aug 2026	Water Temp (C)	20.7
S11	04 Aug 2026	High Tide Time	46
S11	04 Aug 2026	Low Tide Time	654
S11	04 Aug 2026	Comments	Water clear; Trash-3; Kelp;Seagrass; Person/Walker/Jogger-2
S11	11 Aug 2026	Arrive Time	811
S11	11 Aug 2026	Wind Speed (kts)	1.2
S11	11 Aug 2026	Wind Dir	W
S11	11 Aug 2026	Animal Life	Bird-12; Dog-2;
S11	11 Aug 2026	Floatables	Foam
S11	11 Aug 2026	Current Direction	S
S11	11 Aug 2026	Water Temp (C)	17.5
S11	11 Aug 2026	High Tide Time	927
S11	11 Aug 2026	Low Tide Time	315
S11	11 Aug 2026	Comments	Water clear; Trash-3; Kelp;Seagrass; Person/Walker/Jogger-3
S11	18 Aug 2026	Arrive Time	932
S11	18 Aug 2026	Wind Speed (kts)	4.1

Station	Date	Parameter	Value
S11	18 Aug 2026	Wind Dir	SW
S11	18 Aug 2026	Animal Life	
S11	18 Aug 2026	Floatables	
S11	18 Aug 2026	Current Direction	N
S11	18 Aug 2026	Water Temp (C)	17.6
S11	18 Aug 2026	High Tide Time	122
S11	18 Aug 2026	Low Tide Time	651
S11	18 Aug 2026	Comments	Water clear; Trash-4; Kelp;Seagrass;Algae;Debris; Sewage-like odor
S11	25 Aug 2026	Arrive Time	729
S11	25 Aug 2026	Wind Speed (kts)	0
S11	25 Aug 2026	Wind Dir	XX
S11	25 Aug 2026	Animal Life	
S11	25 Aug 2026	Floatables	
S11	25 Aug 2026	Current Direction	S
S11	25 Aug 2026	Water Temp (C)	17.4
S11	25 Aug 2026	High Tide Time	903
S11	25 Aug 2026	Low Tide Time	251
S11	25 Aug 2026	Comments	Water clear; Trash-4; Kelp;Seagrass
S6	04 Aug 2026	Arrive Time	913
S6	04 Aug 2026	Wind Speed (kts)	4.8
S6	04 Aug 2026	Wind Dir	SW
S6	04 Aug 2026	Animal Life	Bird-9; Dog-1;
S6	04 Aug 2026	Floatables	
S6	04 Aug 2026	Current Direction	S
S6	04 Aug 2026	Water Temp (C)	20.9
S6	04 Aug 2026	High Tide Time	46
S6	04 Aug 2026	Low Tide Time	654
S6	04 Aug 2026	Comments	Water clear; Trash-3; Kelp;Seagrass; Person/Walker/Jogger-4
S6	11 Aug 2026	Arrive Time	827
S6	11 Aug 2026	Wind Speed (kts)	1.5
S6	11 Aug 2026	Wind Dir	W
S6	11 Aug 2026	Animal Life	
S6	11 Aug 2026	Floatables	Foam
S6	11 Aug 2026	Current Direction	S
S6	11 Aug 2026	Water Temp (C)	18.2
S6	11 Aug 2026	High Tide Time	927
S6	11 Aug 2026	Low Tide Time	315
S6	11 Aug 2026	Comments	Water clear; Trash-3; Kelp;Seagrass; Person/Walker/Jogger-2
S6	18 Aug 2026	Arrive Time	943
S6	18 Aug 2026	Wind Speed (kts)	6.4
S6	18 Aug 2026	Wind Dir	SW
S6	18 Aug 2026	Animal Life	
S6	18 Aug 2026	Floatables	
S6	18 Aug 2026	Current Direction	N
S6	18 Aug 2026	Water Temp (C)	16.1
S6	18 Aug 2026	High Tide Time	122
S6	18 Aug 2026	Low Tide Time	651
S6	18 Aug 2026	Comments	Water clear; Trash-4; Kelp;Seagrass;Algae;Debris; Sewage-like odor
S6	25 Aug 2026	Arrive Time	748
S6	25 Aug 2026	Wind Speed (kts)	1
S6	25 Aug 2026	Wind Dir	W
S6	25 Aug 2026	Animal Life	

Station	Date	Parameter	Value
S6	25 Aug 2026	Floatables	
S6	25 Aug 2026	Current Direction	S
S6	25 Aug 2026	Water Temp (C)	17.1
S6	25 Aug 2026	High Tide Time	903
S6	25 Aug 2026	Low Tide Time	251
S6	25 Aug 2026	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae
S12	04 Aug 2026	Arrive Time	932
S12	04 Aug 2026	Wind Speed (kts)	4.1
S12	04 Aug 2026	Wind Dir	SW
S12	04 Aug 2026	Animal Life	Bird-12; Dog-1;
S12	04 Aug 2026	Floatables	
S12	04 Aug 2026	Current Direction	S
S12	04 Aug 2026	Water Temp (C)	20
S12	04 Aug 2026	High Tide Time	46
S12	04 Aug 2026	Low Tide Time	654
S12	04 Aug 2026	Comments	Water clear; Trash-2; Seagrass;Kelp; Person/Walker/Jogger-4
S12	11 Aug 2026	Arrive Time	844
S12	11 Aug 2026	Wind Speed (kts)	0.7
S12	11 Aug 2026	Wind Dir	W
S12	11 Aug 2026	Animal Life	Bird-6;
S12	11 Aug 2026	Floatables	
S12	11 Aug 2026	Current Direction	S
S12	11 Aug 2026	Water Temp (C)	18.1
S12	11 Aug 2026	High Tide Time	927
S12	11 Aug 2026	Low Tide Time	315
S12	11 Aug 2026	Comments	Water clear; Trash-3; Kelp;Seagrass; Person/Walker/Jogger-1
S12	18 Aug 2026	Arrive Time	1020
S12	18 Aug 2026	Wind Speed (kts)	3.8
S12	18 Aug 2026	Wind Dir	SW
S12	18 Aug 2026	Animal Life	
S12	18 Aug 2026	Floatables	
S12	18 Aug 2026	Current Direction	N
S12	18 Aug 2026	Water Temp (C)	15.6
S12	18 Aug 2026	High Tide Time	122
S12	18 Aug 2026	Low Tide Time	651
S12	18 Aug 2026	Comments	Water clear; Trash-3; Kelp;Seagrass;Debris;Algae; Person/Walker/Jogger-6; Sewage-like odor
S12	25 Aug 2026	Arrive Time	815
S12	25 Aug 2026	Wind Speed (kts)	2.4
S12	25 Aug 2026	Wind Dir	W
S12	25 Aug 2026	Animal Life	
S12	25 Aug 2026	Floatables	
S12	25 Aug 2026	Current Direction	S
S12	25 Aug 2026	Water Temp (C)	18.9
S12	25 Aug 2026	High Tide Time	903
S12	25 Aug 2026	Low Tide Time	251
S12	25 Aug 2026	Comments	Water clear; Trash-2; Kelp;Seagrass; Person/Walker/Jogger-2
S8	04 Aug 2026	Arrive Time	844
S8	04 Aug 2026	Wind Speed (kts)	2.2
S8	04 Aug 2026	Wind Dir	SW
S8	04 Aug 2026	Animal Life	Bird-7;
S8	04 Aug 2026	Floatables	
S8	04 Aug 2026	Current Direction	N

Station	Date	Parameter	Value
S8	04 Aug 2026	Water Temp (C)	5
S8	04 Aug 2026	High Tide Time	46
S8	04 Aug 2026	Low Tide Time	654
S8	04 Aug 2026	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae;Debris
S8	11 Aug 2026	Arrive Time	905
S8	11 Aug 2026	Wind Speed (kts)	1.6
S8	11 Aug 2026	Wind Dir	W
S8	11 Aug 2026	Animal Life	
S8	11 Aug 2026	Floatables	
S8	11 Aug 2026	Current Direction	S
S8	11 Aug 2026	Water Temp (C)	18.5
S8	11 Aug 2026	High Tide Time	927
S8	11 Aug 2026	Low Tide Time	315
S8	11 Aug 2026	Comments	Water clear; Surfer/Paddle boarder-1; Trash-1; Seagrass;Kelp; Person/Walker/Jogger-4
S8	18 Aug 2026	Arrive Time	835
S8	18 Aug 2026	Wind Speed (kts)	3.1
S8	18 Aug 2026	Wind Dir	SW
S8	18 Aug 2026	Animal Life	Bird-2;
S8	18 Aug 2026	Floatables	
S8	18 Aug 2026	Current Direction	S
S8	18 Aug 2026	Water Temp (C)	17.5
S8	18 Aug 2026	High Tide Time	122
S8	18 Aug 2026	Low Tide Time	651
S8	18 Aug 2026	Comments	Water clear; Trash-2; Kelp;Seagrass; Person/Walker/Jogger-6
S8	25 Aug 2026	Arrive Time	703
S8	25 Aug 2026	Wind Speed (kts)	1.4
S8	25 Aug 2026	Wind Dir	W
S8	25 Aug 2026	Animal Life	Bird-6;
S8	25 Aug 2026	Floatables	
S8	25 Aug 2026	Current Direction	S
S8	25 Aug 2026	Water Temp (C)	19.5
S8	25 Aug 2026	High Tide Time	903
S8	25 Aug 2026	Low Tide Time	251
S8	25 Aug 2026	Comments	Water clear; Trash-4; Kelp;Seagrass
S9	04 Aug 2026	Arrive Time	819
S9	04 Aug 2026	Wind Speed (kts)	3.5
S9	04 Aug 2026	Wind Dir	SW
S9	04 Aug 2026	Animal Life	Bird-5;
S9	04 Aug 2026	Floatables	
S9	04 Aug 2026	Current Direction	N
S9	04 Aug 2026	Water Temp (C)	5
S9	04 Aug 2026	High Tide Time	46
S9	04 Aug 2026	Low Tide Time	654
S9	04 Aug 2026	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-14
S9	11 Aug 2026	Arrive Time	930
S9	11 Aug 2026	Wind Speed (kts)	2.2
S9	11 Aug 2026	Wind Dir	W
S9	11 Aug 2026	Animal Life	Pelican-2; Seagull-1;
S9	11 Aug 2026	Floatables	
S9	11 Aug 2026	Current Direction	S
S9	11 Aug 2026	Water Temp (C)	19.2
S9	11 Aug 2026	High Tide Time	927
S9	11 Aug 2026	Low Tide Time	315

Station	Date	Parameter	Value
S9	11 Aug 2026	Comments	Water clear; Surfer/Paddle boarder-5; Trash-1; Kelp;Seagrass; Person/Walker/Jogger-4
S9	18 Aug 2026	Arrive Time	810
S9	18 Aug 2026	Wind Speed (kts)	2
S9	18 Aug 2026	Wind Dir	NW
S9	18 Aug 2026	Animal Life	Bird-3;
S9	18 Aug 2026	Floatables	
S9	18 Aug 2026	Current Direction	S
S9	18 Aug 2026	Water Temp (C)	16.6
S9	18 Aug 2026	High Tide Time	122
S9	18 Aug 2026	Low Tide Time	651
S9	18 Aug 2026	Comments	Water clear; Trash-1; Kelp;Seagrass; Person/Walker/Jogger-4
S9	25 Aug 2026	Arrive Time	631
S9	25 Aug 2026	Wind Speed (kts)	0
S9	25 Aug 2026	Wind Dir	XX
S9	25 Aug 2026	Animal Life	Bird-8;
S9	25 Aug 2026	Floatables	
S9	25 Aug 2026	Current Direction	S
S9	25 Aug 2026	Water Temp (C)	18.9
S9	25 Aug 2026	High Tide Time	903
S9	25 Aug 2026	Low Tide Time	251
S9	25 Aug 2026	Comments	Water clear; Trash-2; Kelp;Seagrass; Person/Walker/Jogger-10

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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 SBOO 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	I19	I24	I25	I26	I32	I39	I40
01 Aug 2026	*5	*2	*2	*2	*2	*2	*4
02 Aug 2026	*5	*2	*2	*2	*2	*2	*4
03 Aug 2026	4	2	2	2	2	2	4
04 Aug 2026	4	2	2	2	2	2	4
05 Aug 2026	*5	*2	*2	*2	*2	*2	*4
06 Aug 2026	*5	*2	*2	*2	*2	*2	*4
07 Aug 2026	*5	*2	*2	*2	*2	*2	*4
08 Aug 2026	*5	*2	*2	*2	*2	*2	*4
09 Aug 2026	*5	*2	*2	*2	*2	*2	*4
10 Aug 2026	4	2	2	3	4	2	4
11 Aug 2026	4	2	2	3	4	2	4
12 Aug 2026	4	2	2	3	4	2	4
13 Aug 2026	4	2	2	3	4	2	4
14 Aug 2026	4	2	2	3	4	2	4
15 Aug 2026	*5	*2	*2	*3	*4	*2	*4
16 Aug 2026	*5	*2	*2	*3	*4	*2	*4
17 Aug 2026	4	2	2	3	4	2	4
18 Aug 2026	4	2	2	3	4	2	4
19 Aug 2026	*5	*2	*2	*3	*4	*2	*4
20 Aug 2026	*5	*2	*2	*3	*4	*2	*4
21 Aug 2026	*5	*2	*2	*3	*4	*2	*4
22 Aug 2026	*5	*2	*2	*3	*4	*2	*4
23 Aug 2026	*5	*2	*2	*3	*4	*2	*4
24 Aug 2026	*5	*2	*2	*3	*4	*2	*4
25 Aug 2026	4	2	2	3	4	2	4
26 Aug 2026	4	2	2	3	4	2	4
27 Aug 2026	4	2	2	3	4	2	4
28 Aug 2026	4	2	2	3	4	2	4
29 Aug 2026	*2	*2	*2	*2	*4	*2	*2
30 Aug 2026	*2	*2	*2	*2	*4	*2	*2
31 Aug 2026	*2	*2	*2	*2	*4	*2	*2

* Geometric mean calculated using n<5

Table 3.2

Summary of compliance at the SBOO 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	I19	I24	I25	I26	I32	I39	I40
03 Aug 2026	IC	IC	IC	IC	IC	IC	IC
10 Aug 2026	IC	IC	IC	IC	IC	IC	IC
17 Aug 2026	IC	IC	IC	IC	IC	IC	IC
25 Aug 2026	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 SBOO 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	I19	I24	I25	I26	I32	I39	I40
01 Aug 2026	9	3	3	4	4	4	6
02 Aug 2026	9	3	3	4	4	4	6
03 Aug 2026	8	3	3	3	3	3	5
04 Aug 2026	8	3	3	3	3	3	5
05 Aug 2026	6	2	2	2	2	3	4
06 Aug 2026	6	2	2	2	2	3	4
07 Aug 2026	6	2	2	2	2	3	4
08 Aug 2026	6	2	2	2	2	3	4
09 Aug 2026	6	2	2	2	2	3	4
10 Aug 2026	4	2	2	2	3	3	3
11 Aug 2026	4	2	2	2	3	3	3
12 Aug 2026	4	2	2	2	3	3	3
13 Aug 2026	4	2	2	2	3	3	3
14 Aug 2026	4	2	2	2	3	3	3
15 Aug 2026	4	2	2	2	3	3	3
16 Aug 2026	4	2	2	2	3	3	3
17 Aug 2026	4	2	2	2	3	2	3
18 Aug 2026	4	2	2	2	3	2	3
19 Aug 2026	4	2	2	2	3	2	3
20 Aug 2026	4	2	2	2	3	2	3
21 Aug 2026	4	2	2	2	3	2	3
22 Aug 2026	4	2	2	2	3	2	3
23 Aug 2026	4	2	2	2	3	2	3
24 Aug 2026	4	2	2	2	3	2	3
25 Aug 2026	3	2	2	2	3	2	3
26 Aug 2026	3	2	2	2	3	2	3
27 Aug 2026	4	2	2	2	3	2	3
28 Aug 2026	4	2	2	2	3	2	3
29 Aug 2026	4	2	2	2	3	2	3
30 Aug 2026	4	2	2	2	3	2	3
31 Aug 2026	4	2	2	2	3	2	3

* Geometric mean calculated using n<5

Table 3.4

Summary of compliance at the SBOO 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	I19	I24	I25	I26	I32	I39	I40
August	IC	IC	IC	IC	IC	IC	IC

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

Table 3.5

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

	I19			I24			I25			I26			I32			I39			I40		
Date	**2m**	**6m**	**11m**	**2m**	**6m**	**11m**	**2m**	**6m**	**9m**	**2m**	**6m**	**9m**	**2m**	**6m**	**9m**	**2m**	**12m**	**18m**	**2m**	**6m**	**9m**
01 Aug 2026	*2	*2	*7	*2	*2	*2	*2	*2	*3	*2	*2	*3	*11	*2	*2	*2	*5	*9	*11	*2	*2
02 Aug 2026	*2	*2	*7	*2	*2	*2	*2	*2	*3	*2	*2	*3	*11	*2	*2	*2	*5	*9	*11	*2	*2
03 Aug 2026	2	2	10	2	2	2	2	2	4	2	2	4	2	2	2	2	4	2	20	2	2
04 Aug 2026	2	2	10	2	2	2	2	2	4	2	2	4	2	2	2	2	4	2	20	2	2
05 Aug 2026	*4	*11	*15	*2	*11	*11	*11	*11	*12	*2	*2	*12	*11	*11	*11	*2	*4	*2	*11	*11	*2
06 Aug 2026	*4	*11	*15	*2	*11	*11	*11	*11	*12	*2	*2	*12	*11	*11	*11	*2	*4	*2	*11	*11	*2
07 Aug 2026	*4	*11	*15	*2	*11	*11	*11	*11	*12	*2	*2	*12	*11	*11	*11	*2	*4	*2	*11	*11	*2
08 Aug 2026	*4	*11	*15	*2	*11	*11	*11	*11	*12	*2	*2	*12	*11	*11	*11	*2	*4	*2	*11	*11	*2
09 Aug 2026	*4	*11	*15	*2	*11	*11	*11	*11	*12	*2	*2	*12	*11	*11	*11	*2	*4	*2	*11	*11	*2
10 Aug 2026	6	20	20	2	20	20	20	20	20	2	2	6	20	20	20	2	4	2	2	2	2
11 Aug 2026	6	20	20	2	20	20	20	20	20	2	2	6	20	20	20	2	4	2	2	2	2
12 Aug 2026	6	20	20	2	20	20	20	20	20	2	2	6	20	20	20	2	4	2	2	2	2
13 Aug 2026	6	20	20	2	20	20	20	20	20	2	2	6	20	20	20	2	4	2	2	2	2
14 Aug 2026	6	20	20	2	20	20	20	20	20	2	2	6	20	20	20	2	4	2	2	2	2
15 Aug 2026	*13	*20	*20	*4	*20	*20	*20	*20	*20	*11	*11	*13	***110**	***110**	*20	*2	*3	*2	*11	*11	*2
16 Aug 2026	*13	*20	*20	*4	*20	*20	*20	*20	*20	*11	*11	*13	***110**	***110**	*20	*2	*3	*2	*11	*11	*2
17 Aug 2026	20	20	20	4	20	20	20	20	20	2	2	6	20	20	20	2	2	2	4	20	2
18 Aug 2026	20	20	20	4	20	20	20	20	20	2	2	6	20	20	20	2	2	2	4	20	2
19 Aug 2026	*20	***110**	*20	*5	*20	*20	*20	*20	*20	*11	*11	*13	***101**	***110**	*20	*2	*3	*2	*12	*20	*11
20 Aug 2026	*20	***110**	*20	*5	*20	*20	*20	*20	*20	*11	*11	*13	***101**	***110**	*20	*2	*3	*2	*12	*20	*11
21 Aug 2026	*20	***110**	*20	*5	*20	*20	*20	*20	*20	*11	*11	*13	***101**	***110**	*20	*2	*3	*2	*12	*20	*11
22 Aug 2026	*20	***110**	*20	*5	*20	*20	*20	*20	*20	*11	*11	*13	***101**	***110**	*20	*2	*3	*2	*12	*20	*11
23 Aug 2026	*20	***110**	*20	*5	*20	*20	*20	*20	*20	*11	*11	*13	***101**	***110**	*20	*2	*3	*2	*12	*20	*11
24 Aug 2026	*20	***110**	*20	*5	*20	*20	*20	*20	*20	*11	*11	*13	***101**	***110**	*20	*2	*3	*2	*12	*20	*11
25 Aug 2026	20	20	20	4	20	20	20	20	20	20	20	20	20	20	20	2	2	2	4	20	20
26 Aug 2026	20	20	20	4	20	20	20	20	20	20	20	20	20	20	20	2	2	2	4	20	20
27 Aug 2026	20	20	20	4	20	20	20	20	20	20	20	20	20	20	20	2	2	2	4	20	20
28 Aug 2026	20	20	20	4	20	20	20	20	20	20	20	20	20	20	20	2	2	2	4	20	20
29 Aug 2026	*13	*20	*20	*5	*20	*20	*11	*12	*11	*11	*11	*13	*11	*20	*20	*2	*2	*2	*3	*12	*11
30 Aug 2026	*13	*20	*20	*5	*20	*20	*11	*12	*11	*11	*11	*13	*11	*20	*20	*2	*2	*2	*3	*12	*11
31 Aug 2026	*13	*20	*20	*5	*20	*20	*11	*12	*11	*11	*11	*13	*11	*20	*20	*2	*2	*2	*3	*12	*11

* Median calculated using n<5

Table 3.6

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

	I19			I24			I25			I26			I32			I39			I40		
Date	**2m**	**6m**	**11m**	**2m**	**6m**	**11m**	**2m**	**6m**	**9m**	**2m**	**6m**	**9m**	**2m**	**6m**	**9m**	**2m**	**12m**	**18m**	**2m**	**6m**	**9m**
August	IC	IC	IC	IC	IC	IC	IC	IC	IC	**E**	IC	IC	**E**	**E**	IC	IC	IC	IC	IC	IC	IC

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

Table 3.7

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

Station	Date	Time	Depth	Total	Fecal	Entero
I19	03 Aug 2026	1041	2	6e	<2	<2
I19	03 Aug 2026	1041	6	<20	<2	<2
I19	03 Aug 2026	1041	11	<20	<2	<2
I19	10 Aug 2026	955	2	<20	<2	<2
I19	10 Aug 2026	955	6	<20	<2	2e
I19	10 Aug 2026	955	11	<20	<2	<2
I19	17 Aug 2026	1018	2	<20	<2	<2
I19	17 Aug 2026	1018	6	<200	<2	<2
I19	17 Aug 2026	1018	11	<20	<2	<2
I19	25 Aug 2026	1032	2	<2	<2	<2
I19	25 Aug 2026	1032	6	<2	<2	<2
I19	25 Aug 2026	1032	11	20e	2e	<2
I24	03 Aug 2026	1100	2	6e	<2	<2
I24	03 Aug 2026	1100	6	<20	<2	<2
I24	03 Aug 2026	1100	11	20e	<2	2e
I24	10 Aug 2026	1014	2	<20	2e	<2
I24	10 Aug 2026	1014	6	<20	<2	<2
I24	10 Aug 2026	1014	11	<20	<2	<2
I24	17 Aug 2026	1037	2	4e	<2	<2
I24	17 Aug 2026	1037	6	<2	<2	<2
I24	17 Aug 2026	1037	11	<20	<2	<2
I24	25 Aug 2026	1051	2	<2	<2	<2
I24	25 Aug 2026	1051	6	<20	<2	<2
I24	25 Aug 2026	1051	11	2e	<2	<2
I25	03 Aug 2026	1108	2	<20	<2	<2
I25	03 Aug 2026	1108	6	<20	<2	<2
I25	03 Aug 2026	1108	9	<20	<2	<2
I25	10 Aug 2026	1021	2	<20	2e	<2
I25	10 Aug 2026	1021	6	20e	<2	<2
I25	10 Aug 2026	1021	9	<20	<2	2e
I25	17 Aug 2026	1045	2	<2	<2	<2
I25	17 Aug 2026	1045	6	4e	<2	<2
I25	17 Aug 2026	1045	9	<2	<2	<2
I25	25 Aug 2026	1057	2	<2	<2	<2
I25	25 Aug 2026	1057	6	2e	<2	<2
I25	25 Aug 2026	1057	9	2e	<2	<2
I26	03 Aug 2026	1122	2	<2	<2	<2
I26	03 Aug 2026	1122	6	<2	<2	<2
I26	03 Aug 2026	1122	9	20e	<2	<2
I26	10 Aug 2026	1031	2	440	4e	<2
I26	10 Aug 2026	1031	6	40e	<2	<2

Station	Date	Time	Depth	Total	Fecal	Entero
I26	10 Aug 2026	1031	9	6e	<2	<2
I26	17 Aug 2026	1055	2	<2	<2	<2
I26	17 Aug 2026	1055	6	<2	<2	2e
I26	17 Aug 2026	1055	9	<2	<2	<2
I26	25 Aug 2026	1107	2	<20	<2	<2
I26	25 Aug 2026	1107	6	<20	<2	<2
I26	25 Aug 2026	1107	9	<20	4e	<2
I32	03 Aug 2026	1134	2	<2	<2	<2
I32	03 Aug 2026	1134	6	<20	<2	<2
I32	03 Aug 2026	1134	9	20e	<2	<2
I32	10 Aug 2026	1042	2	3000e	38e	12e
I32	10 Aug 2026	1042	6	880	32e	4e
I32	10 Aug 2026	1042	9	80e	14e	<2
I32	17 Aug 2026	1106	2	<2	<2	<2
I32	17 Aug 2026	1106	6	<2	<2	2e
I32	17 Aug 2026	1106	9	<2	<2	<2
I32	25 Aug 2026	1119	2	20e	2e	<2
I32	25 Aug 2026	1119	6	<20	<2	<2
I32	25 Aug 2026	1119	9	<20	<2	<2
I39	03 Aug 2026	1000	2	<2	2e	2e
I39	03 Aug 2026	1000	12	2e	<2	<2
I39	03 Aug 2026	1000	18	<2	<2	<2
I39	10 Aug 2026	936	2	2e	<2	<2
I39	10 Aug 2026	936	12	4e	<2	<2
I39	10 Aug 2026	936	18	<2	<2	<2
I39	17 Aug 2026	1000	2	<2	<2	<2
I39	17 Aug 2026	1000	12	<2	2e	4e
I39	17 Aug 2026	1000	18	14e	<2	4e
I39	25 Aug 2026	1009	2	<20	<2	<2
I39	25 Aug 2026	1009	12	<2	<2	<2
I39	25 Aug 2026	1009	18	2e	<2	<2
I40	03 Aug 2026	1051	2	<20	<2	<2
I40	03 Aug 2026	1051	6	<20	<2	<2
I40	03 Aug 2026	1051	9	<2	<2	<2
I40	10 Aug 2026	1006	2	<2	2e	<2
I40	10 Aug 2026	1006	6	2e	2e	<2
I40	10 Aug 2026	1006	9	<2	<2	<2
I40	17 Aug 2026	1028	2	4e	<2	<2
I40	17 Aug 2026	1028	6	<20	<2	<2
I40	17 Aug 2026	1028	9	<20	<2	2e
I40	25 Aug 2026	1043	2	<2	<2	<2
I40	25 Aug 2026	1043	6	4e	2e	2e
I40	25 Aug 2026	1043	9	<20	2e	<2

ns = not sampled
ND = no data

Table 3.8

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

Station	Date	Parameter	Value
I19	03 Aug 2026	Arrive Time	1041
I19	03 Aug 2026	Depart Time	1046
I19	03 Aug 2026	Air Temp (C)	22.1
I19	03 Aug 2026	Visibility (mi)	9
I19	03 Aug 2026	Wind Speed (kts)	0
I19	03 Aug 2026	Wind Dir	W
I19	03 Aug 2026	Sea State	Calm
I19	03 Aug 2026	High Tide Time	1254
I19	03 Aug 2026	Low Tide Time	618
I19	03 Aug 2026	Comments	
I19	10 Aug 2026	Arrive Time	955
I19	10 Aug 2026	Depart Time	1001
I19	10 Aug 2026	Air Temp (C)	20.7
I19	10 Aug 2026	Visibility (mi)	8
I19	10 Aug 2026	Wind Speed (kts)	5.2
I19	10 Aug 2026	Wind Dir	E
I19	10 Aug 2026	Sea State	Regular Swell
I19	10 Aug 2026	High Tide Time	1954
I19	10 Aug 2026	Low Tide Time	230
I19	10 Aug 2026	Comments	
I19	17 Aug 2026	Arrive Time	1018
I19	17 Aug 2026	Depart Time	1021
I19	17 Aug 2026	Air Temp (C)	20.7
I19	17 Aug 2026	Visibility (mi)	10
I19	17 Aug 2026	Wind Speed (kts)	0
I19	17 Aug 2026	Wind Dir	SE
I19	17 Aug 2026	Sea State	Regular Swell
I19	17 Aug 2026	High Tide Time	1248
I19	17 Aug 2026	Low Tide Time	618
I19	17 Aug 2026	Comments	
I19	25 Aug 2026	Arrive Time	1032
I19	25 Aug 2026	Depart Time	1036
I19	25 Aug 2026	Air Temp (C)	22.4
I19	25 Aug 2026	Visibility (mi)	7
I19	25 Aug 2026	Wind Speed (kts)	7
I19	25 Aug 2026	Wind Dir	SW
I19	25 Aug 2026	Sea State	Calm
I19	25 Aug 2026	High Tide Time	2012
I19	25 Aug 2026	Low Tide Time	242
I19	25 Aug 2026	Comments	
I40	03 Aug 2026	Arrive Time	1051
I40	03 Aug 2026	Depart Time	1056
I40	03 Aug 2026	Air Temp (C)	21.7
I40	03 Aug 2026	Visibility (mi)	9
I40	03 Aug 2026	Wind Speed (kts)	13.3
I40	03 Aug 2026	Wind Dir	SW
I40	03 Aug 2026	Sea State	Calm
I40	03 Aug 2026	High Tide Time	1254
I40	03 Aug 2026	Low Tide Time	618
I40	03 Aug 2026	Comments	
I40	10 Aug 2026	Arrive Time	1006

Station	Date	Parameter	Value
I40	10 Aug 2026	Depart Time	1010
I40	10 Aug 2026	Air Temp (C)	21.1
I40	10 Aug 2026	Visibility (mi)	8
I40	10 Aug 2026	Wind Speed (kts)	4.7
I40	10 Aug 2026	Wind Dir	SE
I40	10 Aug 2026	Sea State	Regular Swell
I40	10 Aug 2026	High Tide Time	1954
I40	10 Aug 2026	Low Tide Time	230
I40	10 Aug 2026	Comments	
I40	17 Aug 2026	Arrive Time	1028
I40	17 Aug 2026	Depart Time	1033
I40	17 Aug 2026	Air Temp (C)	21
I40	17 Aug 2026	Visibility (mi)	10
I40	17 Aug 2026	Wind Speed (kts)	0.5
I40	17 Aug 2026	Wind Dir	W
I40	17 Aug 2026	Sea State	Regular Swell
I40	17 Aug 2026	High Tide Time	1248
I40	17 Aug 2026	Low Tide Time	618
I40	17 Aug 2026	Comments	
I40	25 Aug 2026	Arrive Time	1043
I40	25 Aug 2026	Depart Time	1047
I40	25 Aug 2026	Air Temp (C)	23.9
I40	25 Aug 2026	Visibility (mi)	7
I40	25 Aug 2026	Wind Speed (kts)	4.3
I40	25 Aug 2026	Wind Dir	SW
I40	25 Aug 2026	Sea State	Calm
I40	25 Aug 2026	High Tide Time	2012
I40	25 Aug 2026	Low Tide Time	242
I40	25 Aug 2026	Comments	
I24	03 Aug 2026	Arrive Time	1100
I24	03 Aug 2026	Depart Time	1105
I24	03 Aug 2026	Air Temp (C)	21.6
I24	03 Aug 2026	Visibility (mi)	9
I24	03 Aug 2026	Wind Speed (kts)	14.6
I24	03 Aug 2026	Wind Dir	SW
I24	03 Aug 2026	Sea State	Calm
I24	03 Aug 2026	High Tide Time	1254
I24	03 Aug 2026	Low Tide Time	618
I24	03 Aug 2026	Comments	
I24	10 Aug 2026	Arrive Time	1014
I24	10 Aug 2026	Depart Time	1019
I24	10 Aug 2026	Air Temp (C)	21.2
I24	10 Aug 2026	Visibility (mi)	8
I24	10 Aug 2026	Wind Speed (kts)	5.3
I24	10 Aug 2026	Wind Dir	E
I24	10 Aug 2026	Sea State	Regular Swell
I24	10 Aug 2026	High Tide Time	1954
I24	10 Aug 2026	Low Tide Time	230
I24	10 Aug 2026	Comments	
I24	17 Aug 2026	Arrive Time	1037
I24	17 Aug 2026	Depart Time	1041
I24	17 Aug 2026	Air Temp (C)	20.9
I24	17 Aug 2026	Visibility (mi)	10
I24	17 Aug 2026	Wind Speed (kts)	3.1
I24	17 Aug 2026	Wind Dir	SW
I24	17 Aug 2026	Sea State	Regular Swell

Station	Date	Parameter	Value
I24	17 Aug 2026	High Tide Time	1248
I24	17 Aug 2026	Low Tide Time	618
I24	17 Aug 2026	Comments	
I24	25 Aug 2026	Arrive Time	1051
I24	25 Aug 2026	Depart Time	1054
I24	25 Aug 2026	Air Temp (C)	23.3
I24	25 Aug 2026	Visibility (mi)	7
I24	25 Aug 2026	Wind Speed (kts)	4.7
I24	25 Aug 2026	Wind Dir	W
I24	25 Aug 2026	Sea State	Calm
I24	25 Aug 2026	High Tide Time	2012
I24	25 Aug 2026	Low Tide Time	242
I24	25 Aug 2026	Comments	
I25	03 Aug 2026	Arrive Time	1108
I25	03 Aug 2026	Depart Time	1121
I25	03 Aug 2026	Air Temp (C)	21.3
I25	03 Aug 2026	Visibility (mi)	9
I25	03 Aug 2026	Wind Speed (kts)	12.3
I25	03 Aug 2026	Wind Dir	SW
I25	03 Aug 2026	Sea State	Calm
I25	03 Aug 2026	High Tide Time	1254
I25	03 Aug 2026	Low Tide Time	618
I25	03 Aug 2026	Comments	
I25	10 Aug 2026	Arrive Time	1021
I25	10 Aug 2026	Depart Time	1026
I25	10 Aug 2026	Air Temp (C)	21.3
I25	10 Aug 2026	Visibility (mi)	8
I25	10 Aug 2026	Wind Speed (kts)	4.9
I25	10 Aug 2026	Wind Dir	E
I25	10 Aug 2026	Sea State	Regular Swell
I25	10 Aug 2026	High Tide Time	1954
I25	10 Aug 2026	Low Tide Time	230
I25	10 Aug 2026	Comments	
I25	17 Aug 2026	Arrive Time	1045
I25	17 Aug 2026	Depart Time	1050
I25	17 Aug 2026	Air Temp (C)	21.1
I25	17 Aug 2026	Visibility (mi)	10
I25	17 Aug 2026	Wind Speed (kts)	4.4
I25	17 Aug 2026	Wind Dir	SW
I25	17 Aug 2026	Sea State	Regular Swell
I25	17 Aug 2026	High Tide Time	1248
I25	17 Aug 2026	Low Tide Time	618
I25	17 Aug 2026	Comments	
I25	25 Aug 2026	Arrive Time	1057
I25	25 Aug 2026	Depart Time	1102
I25	25 Aug 2026	Air Temp (C)	23.4
I25	25 Aug 2026	Visibility (mi)	7
I25	25 Aug 2026	Wind Speed (kts)	5.1
I25	25 Aug 2026	Wind Dir	NW
I25	25 Aug 2026	Sea State	Calm
I25	25 Aug 2026	High Tide Time	2012
I25	25 Aug 2026	Low Tide Time	242
I25	25 Aug 2026	Comments	
I39	03 Aug 2026	Arrive Time	1000
I39	03 Aug 2026	Depart Time	1004

Station	Date	Parameter	Value
I39	03 Aug 2026	Air Temp (C)	21.4
I39	03 Aug 2026	Visibility (mi)	9
I39	03 Aug 2026	Wind Speed (kts)	4.1
I39	03 Aug 2026	Wind Dir	W
I39	03 Aug 2026	Sea State	Calm
I39	03 Aug 2026	High Tide Time	1254
I39	03 Aug 2026	Low Tide Time	618
I39	03 Aug 2026	Comments	
I39	10 Aug 2026	Arrive Time	936
I39	10 Aug 2026	Depart Time	941
I39	10 Aug 2026	Air Temp (C)	21.1
I39	10 Aug 2026	Visibility (mi)	8
I39	10 Aug 2026	Wind Speed (kts)	6
I39	10 Aug 2026	Wind Dir	E
I39	10 Aug 2026	Sea State	Regular Swell
I39	10 Aug 2026	High Tide Time	1954
I39	10 Aug 2026	Low Tide Time	230
I39	10 Aug 2026	Comments	
I39	17 Aug 2026	Arrive Time	1000
I39	17 Aug 2026	Depart Time	1005
I39	17 Aug 2026	Air Temp (C)	20.7
I39	17 Aug 2026	Visibility (mi)	10
I39	17 Aug 2026	Wind Speed (kts)	4.2
I39	17 Aug 2026	Wind Dir	SW
I39	17 Aug 2026	Sea State	Calm
I39	17 Aug 2026	High Tide Time	1248
I39	17 Aug 2026	Low Tide Time	618
I39	17 Aug 2026	Comments	
I39	25 Aug 2026	Arrive Time	1009
I39	25 Aug 2026	Depart Time	1013
I39	25 Aug 2026	Air Temp (C)	25
I39	25 Aug 2026	Visibility (mi)	7
I39	25 Aug 2026	Wind Speed (kts)	1.2
I39	25 Aug 2026	Wind Dir	W
I39	25 Aug 2026	Sea State	Calm
I39	25 Aug 2026	High Tide Time	2012
I39	25 Aug 2026	Low Tide Time	242
I39	25 Aug 2026	Comments	
I26	03 Aug 2026	Arrive Time	1122
I26	03 Aug 2026	Depart Time	1125
I26	03 Aug 2026	Air Temp (C)	21.4
I26	03 Aug 2026	Visibility (mi)	9
I26	03 Aug 2026	Wind Speed (kts)	8.7
I26	03 Aug 2026	Wind Dir	SW
I26	03 Aug 2026	Sea State	Calm
I26	03 Aug 2026	High Tide Time	1254
I26	03 Aug 2026	Low Tide Time	618
I26	03 Aug 2026	Comments	
I26	10 Aug 2026	Arrive Time	1031
I26	10 Aug 2026	Depart Time	1042
I26	10 Aug 2026	Air Temp (C)	21.4
I26	10 Aug 2026	Visibility (mi)	8
I26	10 Aug 2026	Wind Speed (kts)	4.5
I26	10 Aug 2026	Wind Dir	E
I26	10 Aug 2026	Sea State	Regular Swell
I26	10 Aug 2026	High Tide Time	1954

Station	Date	Parameter	Value
I26	10 Aug 2026	Low Tide Time	230
I26	10 Aug 2026	Comments	
I26	17 Aug 2026	Arrive Time	1055
I26	17 Aug 2026	Depart Time	1059
I26	17 Aug 2026	Air Temp (C)	21
I26	17 Aug 2026	Visibility (mi)	10
I26	17 Aug 2026	Wind Speed (kts)	4.2
I26	17 Aug 2026	Wind Dir	SW
I26	17 Aug 2026	Sea State	Regular Swell
I26	17 Aug 2026	High Tide Time	1248
I26	17 Aug 2026	Low Tide Time	618
I26	17 Aug 2026	Comments	
I26	25 Aug 2026	Arrive Time	1107
I26	25 Aug 2026	Depart Time	1118
I26	25 Aug 2026	Air Temp (C)	24.1
I26	25 Aug 2026	Visibility (mi)	7
I26	25 Aug 2026	Wind Speed (kts)	3
I26	25 Aug 2026	Wind Dir	SW
I26	25 Aug 2026	Sea State	Calm
I26	25 Aug 2026	High Tide Time	2012
I26	25 Aug 2026	Low Tide Time	242
I26	25 Aug 2026	Comments	
I32	03 Aug 2026	Arrive Time	1134
I32	03 Aug 2026	Depart Time	1139
I32	03 Aug 2026	Air Temp (C)	21.5
I32	03 Aug 2026	Visibility (mi)	9
I32	03 Aug 2026	Wind Speed (kts)	11
I32	03 Aug 2026	Wind Dir	SW
I32	03 Aug 2026	Sea State	Calm
I32	03 Aug 2026	High Tide Time	1254
I32	03 Aug 2026	Low Tide Time	618
I32	03 Aug 2026	Comments	
I32	10 Aug 2026	Arrive Time	1042
I32	10 Aug 2026	Depart Time	1048
I32	10 Aug 2026	Air Temp (C)	21.5
I32	10 Aug 2026	Visibility (mi)	8
I32	10 Aug 2026	Wind Speed (kts)	4
I32	10 Aug 2026	Wind Dir	SE
I32	10 Aug 2026	Sea State	Regular Swell
I32	10 Aug 2026	High Tide Time	1954
I32	10 Aug 2026	Low Tide Time	230
I32	10 Aug 2026	Comments	Kelp Debris; Seagrass
I32	17 Aug 2026	Arrive Time	1106
I32	17 Aug 2026	Depart Time	1113
I32	17 Aug 2026	Air Temp (C)	20.9
I32	17 Aug 2026	Visibility (mi)	10
I32	17 Aug 2026	Wind Speed (kts)	5.8
I32	17 Aug 2026	Wind Dir	S
I32	17 Aug 2026	Sea State	Regular Swell
I32	17 Aug 2026	High Tide Time	1248
I32	17 Aug 2026	Low Tide Time	618
I32	17 Aug 2026	Comments	
I32	25 Aug 2026	Arrive Time	1119
I32	25 Aug 2026	Depart Time	1122
I32	25 Aug 2026	Air Temp (C)	24.2

Station	Date	Parameter	Value
I32	25 Aug 2026	Visibility (mi)	7
I32	25 Aug 2026	Wind Speed (kts)	3.6
I32	25 Aug 2026	Wind Dir	W
I32	25 Aug 2026	Sea State	Calm
I32	25 Aug 2026	High Tide Time	2012
I32	25 Aug 2026	Low Tide Time	242
I32	25 Aug 2026	Comments	

Table 3.9

Summary of CTD profile data from the SBOO 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)
I19	03 Aug 2026	1	22.82	86.76	7.2	33.47	8.2	22.8	0.71
I19	03 Aug 2026	2	22.49	86.47	7.0	33.49	8.2	22.9	0.71
I19	03 Aug 2026	3	20.95	85.83	7.2	33.50	8.2	23.4	0.74
I19	03 Aug 2026	4	19.14	84.74	7.8	33.50	8.2	23.8	0.86
I19	03 Aug 2026	5	18.12	84.15	8.2	33.39	8.2	24.0	0.81
I19	03 Aug 2026	6	17.24	86.47	8.2	33.36	8.2	24.2	0.88
I19	03 Aug 2026	7	16.73	86.56	8.2	33.31	8.2	24.3	1.11
I19	03 Aug 2026	8	16.56	84.18	8.2	33.30	8.2	24.3	1.34
I19	03 Aug 2026	9	16.47	81.57	8.2	33.29	8.2	24.3	1.56
I19	03 Aug 2026	10	16.36	78.05	8.2	33.29	8.2	24.4	2.15
I19	10 Aug 2026	1	19.09	84.69	8.1	33.31	8.1	23.7	0.90
I19	10 Aug 2026	2	18.85	83.57	8.1	33.33	8.1	23.8	0.91
I19	10 Aug 2026	3	18.19	84.72	8.1	33.35	8.1	24.0	1.14
I19	10 Aug 2026	4	17.51	82.63	8.2	33.33	8.1	24.1	1.55
I19	10 Aug 2026	5	17.27	79.39	8.1	33.32	8.1	24.2	1.73
I19	10 Aug 2026	6	17.07	77.59	8.1	33.31	8.1	24.2	2.20
I19	10 Aug 2026	7	16.91	75.02	8.2	33.31	8.1	24.2	2.52
I19	10 Aug 2026	8	16.63	75.21	8.2	33.31	8.1	24.3	2.30
I19	10 Aug 2026	9	16.56	77.65	8.2	33.31	8.1	24.3	2.00
I19	10 Aug 2026	10	16.56	79.20	8.2	33.30	8.1	24.3	2.07
I19	17 Aug 2026	1	17.67	70.85	7.8	33.32	NA	24.1	1.35
I19	17 Aug 2026	2	17.53	73.82	7.7	33.34	NA	24.1	1.35
I19	17 Aug 2026	3	17.17	75.02	7.6	33.34	NA	24.2	1.54
I19	17 Aug 2026	4	17.07	73.02	7.6	33.32	NA	24.2	1.69
I19	17 Aug 2026	5	16.92	71.61	7.5	33.33	NA	24.2	1.77
I19	17 Aug 2026	6	16.69	72.33	7.4	33.33	NA	24.3	1.63
I19	17 Aug 2026	7	16.45	71.88	7.2	33.34	NA	24.4	1.79
I19	17 Aug 2026	8	16.18	66.91	7.2	33.33	NA	24.4	1.96
I19	17 Aug 2026	9	16.11	64.68	7.2	33.32	NA	24.4	1.90
I19	17 Aug 2026	10	16.08	63.81	7.2	33.32	NA	24.4	1.82
I19	25 Aug 2026	1	19.52	90.40	7.7	33.29	8.1	23.6	0.40
I19	25 Aug 2026	2	19.32	90.32	7.6	33.29	8.1	23.6	0.43
I19	25 Aug 2026	3	18.67	90.15	7.7	33.34	8.1	23.8	0.45
I19	25 Aug 2026	4	18.32	88.77	7.8	33.32	8.1	23.9	0.68
I19	25 Aug 2026	5	18.15	87.96	7.8	33.32	8.1	23.9	0.71
I19	25 Aug 2026	6	17.98	90.34	7.8	33.32	8.1	24.0	0.70
I19	25 Aug 2026	7	17.88	91.74	7.8	33.32	8.1	24.0	0.73
I19	25 Aug 2026	8	17.84	92.36	7.8	33.31	8.1	24.0	0.78
I19	25 Aug 2026	9	17.82	91.98	7.7	33.31	8.1	24.0	0.85
I19	25 Aug 2026	10	17.80	90.91	7.7	33.31	8.1	24.0	0.92
I40	03 Aug 2026	1	23.35	85.12	7.4	33.47	8.2	22.7	0.79
I40	03 Aug 2026	2	23.29	85.22	7.4	33.48	8.2	22.7	0.81
I40	03 Aug 2026	3	23.02	85.58	7.3	33.49	8.2	22.8	0.80
I40	03 Aug 2026	4	22.13	86.15	7.4	33.52	8.2	23.1	0.83
I40	03 Aug 2026	5	19.75	86.41	7.9	33.55	8.2	23.7	1.01
I40	03 Aug 2026	6	18.04	85.99	8.4	33.41	8.2	24.0	1.10
I40	03 Aug 2026	7	17.40	85.24	8.4	33.34	8.2	24.1	0.98
I40	03 Aug 2026	8	17.17	84.09	8.3	33.31	8.2	24.2	1.01
I40	03 Aug 2026	9	16.94	81.84	8.1	33.31	8.2	24.2	1.37
I40	03 Aug 2026	10	16.76	75.03	7.9	33.30	8.1	24.3	2.19
I40	10 Aug 2026	1	19.60	88.49	8.2	33.31	8.1	23.6	0.67
I40	10 Aug 2026	2	18.81	88.36	8.3	33.35	8.1	23.8	0.66
I40	10 Aug 2026	3	18.43	88.66	8.4	33.33	8.1	23.9	0.67
I40	10 Aug 2026	4	17.92	89.38	8.5	33.33	8.1	24.0	0.75
I40	10 Aug 2026	5	17.68	89.69	8.6	33.31	8.1	24.1	0.76
I40	10 Aug 2026	6	17.63	89.58	8.7	33.31	8.1	24.1	0.88
I40	10 Aug 2026	7	17.42	87.73	8.6	33.31	8.1	24.1	0.99
I40	10 Aug 2026	8	17.30	86.87	8.6	33.31	8.1	24.1	1.03
I40	10 Aug 2026	9	17.19	87.62	8.4	33.31	8.1	24.2	1.02
I40	10 Aug 2026	10	17.01	87.69	8.2	33.31	8.1	24.2	1.21
I40	17 Aug 2026	1	18.04	73.61	7.7	33.32	NA	24.0	0.88
I40	17 Aug 2026	2	17.53	72.94	7.8	33.32	NA	24.1	0.97

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I40	17 Aug 2026	3	17.00	73.47	7.8	33.34	NA	24.2	1.12
I40	17 Aug 2026	4	16.85	73.89	7.8	33.32	NA	24.3	1.44
I40	17 Aug 2026	5	16.82	73.52	7.7	33.32	NA	24.3	1.95
I40	17 Aug 2026	6	16.78	72.12	7.6	33.32	NA	24.3	2.51
I40	17 Aug 2026	7	16.75	71.30	7.6	33.32	NA	24.3	2.82
I40	17 Aug 2026	8	16.63	69.69	7.3	33.33	NA	24.3	2.95
I40	17 Aug 2026	9	16.34	63.52	7.1	33.33	NA	24.4	2.98
I40	17 Aug 2026	10	16.17	51.94	6.9	33.33	NA	24.4	2.40
I40	25 Aug 2026	1	20.05	89.57	7.6	33.26	8.1	23.4	0.44
I40	25 Aug 2026	2	20.02	89.79	7.5	33.28	8.1	23.4	0.46
I40	25 Aug 2026	3	18.82	90.75	7.8	33.32	8.1	23.8	0.44
I40	25 Aug 2026	4	18.68	92.16	7.8	33.31	8.1	23.8	0.43
I40	25 Aug 2026	5	18.32	92.75	7.8	33.29	8.1	23.9	0.48
I40	25 Aug 2026	6	18.21	92.23	7.8	33.29	8.1	23.9	0.60
I40	25 Aug 2026	7	18.13	91.26	7.8	33.29	8.1	23.9	0.63
I40	25 Aug 2026	8	18.09	91.28	7.8	33.29	8.1	23.9	0.67
I40	25 Aug 2026	9	18.05	90.79	7.7	33.29	8.1	24.0	0.74
I40	25 Aug 2026	10	17.99	90.51	7.6	33.29	8.1	24.0	0.93
I24	03 Aug 2026	1	23.19	83.37	7.3	33.48	8.2	22.7	0.70
I24	03 Aug 2026	2	23.09	83.53	7.3	33.48	8.2	22.8	0.71
I24	03 Aug 2026	3	22.66	84.31	7.4	33.49	8.2	22.9	0.69
I24	03 Aug 2026	4	21.91	85.10	7.4	33.47	8.2	23.1	0.80
I24	03 Aug 2026	5	21.11	82.79	7.4	33.47	8.2	23.3	1.12
I24	03 Aug 2026	6	18.64	81.10	7.8	33.42	8.2	23.9	1.32
I24	03 Aug 2026	7	17.39	83.00	8.1	33.35	8.2	24.2	1.05
I24	03 Aug 2026	8	16.94	84.92	8.0	33.33	8.2	24.2	0.96
I24	03 Aug 2026	9	16.39	84.71	7.9	33.30	8.1	24.4	1.11
I24	03 Aug 2026	10	16.37	81.10	7.9	33.30	8.1	24.4	1.16
I24	03 Aug 2026	11	16.73	77.44	7.9	33.24	8.1	24.2	1.13
I24	10 Aug 2026	1	20.87	84.71	7.7	33.33	8.1	23.3	0.98
I24	10 Aug 2026	2	20.79	84.90	7.7	33.34	8.1	23.3	1.07
I24	10 Aug 2026	3	20.25	84.82	7.9	33.36	8.1	23.4	1.13
I24	10 Aug 2026	4	19.55	85.19	8.1	33.37	8.1	23.6	1.02
I24	10 Aug 2026	5	18.28	86.61	8.4	33.38	8.1	24.0	0.92
I24	10 Aug 2026	6	17.93	87.87	8.5	33.33	8.1	24.0	0.94
I24	10 Aug 2026	7	17.50	89.21	8.4	33.33	8.1	24.1	0.95
I24	10 Aug 2026	8	17.07	90.01	8.4	33.33	8.1	24.2	0.90
I24	10 Aug 2026	9	16.86	90.28	8.3	33.31	8.1	24.3	0.90
I24	10 Aug 2026	10	16.81	89.41	8.2	33.31	8.1	24.3	1.03
I24	17 Aug 2026	1	19.88	83.77	7.7	33.31	NA	23.5	0.51
I24	17 Aug 2026	2	18.53	83.05	7.7	33.43	NA	23.9	0.55
I24	17 Aug 2026	3	17.15	82.73	7.9	33.34	NA	24.2	0.67
I24	17 Aug 2026	4	16.67	79.97	7.8	33.33	NA	24.3	0.86
I24	17 Aug 2026	5	16.62	72.02	7.6	33.31	NA	24.3	1.85
I24	17 Aug 2026	6	16.55	64.89	7.4	33.31	NA	24.3	2.68
I24	17 Aug 2026	7	16.43	60.78	7.3	33.31	NA	24.4	3.24
I24	17 Aug 2026	8	16.42	69.27	7.4	33.30	NA	24.3	2.56
I24	17 Aug 2026	9	16.32	79.43	7.3	33.33	NA	24.4	2.51
I24	17 Aug 2026	10	16.08	79.90	7.1	33.31	NA	24.4	1.84
I24	17 Aug 2026	11	16.09	65.18	7.0	33.31	NA	24.4	1.05
I24	25 Aug 2026	1	19.67	92.82	7.8	33.27	8.1	23.5	0.30
I24	25 Aug 2026	2	19.41	92.95	7.7	33.30	8.1	23.6	0.33
I24	25 Aug 2026	3	18.52	92.86	7.8	33.33	8.1	23.9	0.34
I24	25 Aug 2026	4	18.00	93.12	7.8	33.32	8.1	24.0	0.37
I24	25 Aug 2026	5	17.83	93.12	7.8	33.31	8.1	24.0	0.37
I24	25 Aug 2026	6	17.78	93.42	7.8	33.30	8.1	24.0	0.41
I24	25 Aug 2026	7	17.66	92.98	7.8	33.31	8.1	24.1	0.46
I24	25 Aug 2026	8	17.38	92.59	7.8	33.32	8.1	24.1	0.44
I24	25 Aug 2026	9	17.36	90.92	7.8	33.31	8.1	24.1	0.64
I24	25 Aug 2026	10	17.43	84.36	7.9	33.30	8.1	24.1	0.76
I25	03 Aug 2026	1	23.04	85.51	7.4	33.47	8.2	22.8	0.69
I25	03 Aug 2026	2	22.82	85.44	7.3	33.48	8.2	22.8	0.71
I25	03 Aug 2026	3	21.42	84.49	7.6	33.51	8.2	23.2	0.77
I25	03 Aug 2026	4	20.29	84.11	7.9	33.43	8.2	23.5	0.81
I25	03 Aug 2026	5	19.96	84.30	7.8	33.40	8.2	23.5	0.84
I25	03 Aug 2026	6	19.23	84.09	7.7	33.40	8.2	23.7	0.96
I25	03 Aug 2026	7	18.16	82.18	7.8	33.40	8.2	24.0	1.03
I25	03 Aug 2026	8	17.46	80.40	7.7	33.35	8.1	24.1	0.82

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I25	03 Aug 2026	9	17.11	77.42	7.6	33.31	8.1	24.2	0.80
I25	10 Aug 2026	1	20.96	82.97	7.7	33.33	8.1	23.2	1.29
I25	10 Aug 2026	2	20.45	83.43	7.8	33.34	8.1	23.4	1.26
I25	10 Aug 2026	3	19.37	84.33	8.1	33.38	8.1	23.7	1.21
I25	10 Aug 2026	4	18.48	84.76	8.4	33.34	8.1	23.9	1.01
I25	10 Aug 2026	5	18.01	86.76	8.4	33.32	8.1	24.0	0.91
I25	10 Aug 2026	6	17.66	89.41	8.5	33.31	8.1	24.1	0.97
I25	10 Aug 2026	7	17.26	89.95	8.5	33.32	8.1	24.2	0.93
I25	10 Aug 2026	8	17.04	90.21	8.3	33.30	8.1	24.2	0.90
I25	10 Aug 2026	9	16.97	89.43	8.1	33.29	8.1	24.2	0.91
I25	17 Aug 2026	1	19.52	84.18	7.8	33.33	NA	23.6	0.52
I25	17 Aug 2026	2	18.27	83.31	7.7	33.43	NA	24.0	0.54
I25	17 Aug 2026	3	16.86	84.89	7.9	33.34	NA	24.3	0.61
I25	17 Aug 2026	4	16.63	85.42	7.8	33.32	NA	24.3	0.67
I25	17 Aug 2026	5	16.54	87.76	7.8	33.31	NA	24.3	0.65
I25	17 Aug 2026	6	16.46	87.27	7.6	33.31	NA	24.3	0.81
I25	17 Aug 2026	7	16.43	81.09	7.4	33.31	NA	24.3	0.89
I25	17 Aug 2026	8	16.42	75.03	7.3	33.31	NA	24.4	0.86
I25	17 Aug 2026	9	16.44	70.04	7.3	33.31	NA	24.3	0.90
I25	25 Aug 2026	1	19.96	92.60	7.7	33.29	8.1	23.5	0.34
I25	25 Aug 2026	2	19.63	92.13	7.6	33.31	8.1	23.6	0.36
I25	25 Aug 2026	3	18.39	93.25	7.7	33.36	8.1	23.9	0.38
I25	25 Aug 2026	4	17.87	93.35	7.8	33.33	8.1	24.0	0.34
I25	25 Aug 2026	5	17.65	93.57	7.9	33.32	8.1	24.1	0.37
I25	25 Aug 2026	6	17.50	93.26	8.0	33.32	8.1	24.1	0.36
I25	25 Aug 2026	7	17.43	91.65	8.0	33.31	8.1	24.1	0.37
I25	25 Aug 2026	8	17.43	89.08	8.0	33.31	8.1	24.1	0.42
I25	25 Aug 2026	9	17.42	88.13	8.1	33.31	8.1	24.1	0.45
I39	03 Aug 2026	1	23.05	90.66	7.8	33.47	8.2	22.8	0.46
I39	03 Aug 2026	2	23.04	90.51	7.8	33.47	8.2	22.8	0.47
I39	03 Aug 2026	3	22.98	90.73	7.7	33.47	8.2	22.8	0.48
I39	03 Aug 2026	4	21.65	90.59	7.8	33.55	8.2	23.2	0.51
I39	03 Aug 2026	5	19.53	90.74	8.2	33.48	8.2	23.7	0.60
I39	03 Aug 2026	6	19.02	90.89	8.4	33.38	8.2	23.8	0.69
I39	03 Aug 2026	7	18.74	91.02	8.3	33.37	8.2	23.8	0.75
I39	03 Aug 2026	8	18.46	90.86	8.3	33.35	8.2	23.9	0.74
I39	03 Aug 2026	9	18.29	91.35	8.2	33.35	8.2	23.9	0.75
I39	03 Aug 2026	10	17.54	91.58	8.0	33.39	8.2	24.1	0.85
I39	03 Aug 2026	11	16.46	91.19	8.1	33.33	8.2	24.4	0.81
I39	03 Aug 2026	12	16.20	91.92	7.9	33.30	8.1	24.4	0.67
I39	03 Aug 2026	13	15.93	92.51	7.9	33.30	8.1	24.5	0.67
I39	03 Aug 2026	14	15.99	91.75	7.9	33.29	8.1	24.4	0.75
I39	03 Aug 2026	15	15.48	91.89	7.9	33.30	8.1	24.6	0.77
I39	03 Aug 2026	16	15.44	91.84	7.9	33.28	8.1	24.6	0.66
I39	03 Aug 2026	17	15.44	92.26	7.9	33.28	8.1	24.6	0.63
I39	03 Aug 2026	18	15.45	92.50	7.9	33.29	8.1	24.6	0.61
I39	10 Aug 2026	1	21.11	90.41	7.8	33.37	8.1	23.2	0.78
I39	10 Aug 2026	2	21.05	90.46	7.8	33.38	8.1	23.2	0.82
I39	10 Aug 2026	3	20.72	90.51	7.8	33.40	8.1	23.4	0.79
I39	10 Aug 2026	4	19.84	91.01	8.0	33.38	8.1	23.6	0.77
I39	10 Aug 2026	5	19.22	91.82	8.2	33.37	8.1	23.7	0.70
I39	10 Aug 2026	6	18.92	92.33	8.3	33.34	8.1	23.8	0.69
I39	10 Aug 2026	7	18.81	92.45	8.3	33.33	8.1	23.8	0.76
I39	10 Aug 2026	8	18.61	92.33	8.4	33.33	8.1	23.8	0.73
I39	10 Aug 2026	9	18.55	92.27	8.4	33.33	8.1	23.9	0.69
I39	10 Aug 2026	10	18.46	92.41	8.3	33.33	8.1	23.9	0.73
I39	10 Aug 2026	11	18.38	92.26	8.4	33.33	8.1	23.9	0.73
I39	10 Aug 2026	12	18.29	92.28	8.4	33.33	8.1	23.9	0.75
I39	10 Aug 2026	13	18.10	92.22	8.3	33.33	8.1	24.0	0.74
I39	10 Aug 2026	14	17.72	92.28	8.4	33.34	8.1	24.1	0.70
I39	10 Aug 2026	15	17.35	92.29	8.4	33.33	8.1	24.1	0.69
I39	10 Aug 2026	16	17.13	92.37	8.4	33.32	8.1	24.2	0.70
I39	10 Aug 2026	17	16.98	92.17	8.4	33.32	8.1	24.2	0.78
I39	10 Aug 2026	18	16.57	91.75	8.1	33.33	8.1	24.3	0.87
I39	17 Aug 2026	1	19.60	90.44	7.8	33.35	NA	23.6	0.47
I39	17 Aug 2026	2	17.79	90.35	7.8	33.41	NA	24.1	0.48
I39	17 Aug 2026	3	16.58	90.43	8.0	33.33	NA	24.3	0.47
I39	17 Aug 2026	4	16.31	90.55	7.8	33.31	NA	24.4	0.52

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I39	17 Aug 2026	5	16.13	90.05	7.7	33.30	NA	24.4	0.53
I39	17 Aug 2026	6	15.93	89.87	7.6	33.31	NA	24.5	0.57
I39	17 Aug 2026	7	15.68	89.64	7.6	33.31	NA	24.5	0.66
I39	17 Aug 2026	8	15.46	89.90	7.7	33.30	NA	24.6	0.70
I39	17 Aug 2026	9	15.43	90.89	7.7	33.29	NA	24.6	0.70
I39	17 Aug 2026	10	15.37	91.43	7.8	33.29	NA	24.6	0.71
I39	17 Aug 2026	11	15.35	92.17	7.7	33.30	NA	24.6	0.70
I39	17 Aug 2026	12	15.28	92.26	7.5	33.30	NA	24.6	0.75
I39	17 Aug 2026	13	15.24	91.70	7.5	33.31	NA	24.6	0.80
I39	17 Aug 2026	14	15.23	90.12	7.4	33.31	NA	24.6	0.78
I39	17 Aug 2026	15	15.22	89.62	7.4	33.31	NA	24.6	0.80
I39	17 Aug 2026	16	15.22	89.49	7.4	33.31	NA	24.6	0.79
I39	17 Aug 2026	17	15.22	89.50	7.4	33.31	NA	24.6	0.78
I39	17 Aug 2026	18	15.21	89.52	7.4	33.31	NA	24.6	0.77
I39	25 Aug 2026	1	20.32	85.68	7.7	33.26	8.1	23.3	0.99
I39	25 Aug 2026	2	19.47	86.02	7.7	33.30	8.1	23.6	0.99
I39	25 Aug 2026	3	18.74	86.60	7.8	33.31	8.1	23.8	0.78
I39	25 Aug 2026	4	18.36	89.09	7.8	33.31	8.1	23.9	0.63
I39	25 Aug 2026	5	18.21	91.15	7.8	33.30	8.1	23.9	0.48
I39	25 Aug 2026	6	18.09	93.07	7.8	33.31	8.1	24.0	0.46
I39	25 Aug 2026	7	17.91	93.85	7.8	33.31	8.1	24.0	0.40
I39	25 Aug 2026	8	17.78	94.78	7.8	33.32	8.1	24.0	0.34
I39	25 Aug 2026	9	17.64	95.26	7.9	33.32	8.1	24.1	0.32
I39	25 Aug 2026	10	17.59	95.33	7.8	33.32	8.1	24.1	0.35
I39	25 Aug 2026	11	17.48	95.19	7.8	33.32	8.1	24.1	0.39
I39	25 Aug 2026	12	17.43	94.93	7.8	33.32	8.1	24.1	0.47
I39	25 Aug 2026	13	17.39	94.59	7.8	33.32	8.1	24.1	0.51
I39	25 Aug 2026	14	17.20	94.10	7.7	33.32	8.1	24.2	0.57
I39	25 Aug 2026	15	17.09	93.67	7.8	33.32	8.1	24.2	0.53
I39	25 Aug 2026	16	17.08	93.14	7.7	33.31	8.1	24.2	0.55
I39	25 Aug 2026	17	17.07	92.50	7.7	33.31	8.1	24.2	0.60
I39	25 Aug 2026	18	16.97	92.17	7.6	33.32	8.1	24.2	0.59
I26	03 Aug 2026	1	23.08	88.21	7.7	33.48	8.2	22.8	0.50
I26	03 Aug 2026	2	22.96	89.19	7.8	33.48	8.2	22.8	0.49
I26	03 Aug 2026	3	22.75	89.20	7.7	33.48	8.2	22.9	0.50
I26	03 Aug 2026	4	22.66	88.46	7.8	33.47	8.2	22.9	0.50
I26	03 Aug 2026	5	22.43	88.85	7.7	33.47	8.2	22.9	0.52
I26	03 Aug 2026	6	21.71	88.96	7.9	33.47	8.2	23.1	0.56
I26	03 Aug 2026	7	20.95	89.17	8.0	33.46	8.2	23.3	0.63
I26	03 Aug 2026	8	20.26	88.89	8.1	33.42	8.2	23.5	0.79
I26	03 Aug 2026	9	18.85	86.93	8.0	33.48	8.2	23.9	1.05
I26	10 Aug 2026	1	20.25	81.42	7.8	33.31	8.1	23.4	1.27
I26	10 Aug 2026	2	20.07	81.94	7.8	33.32	8.1	23.5	1.34
I26	10 Aug 2026	3	19.68	82.14	7.9	33.34	8.1	23.6	1.55
I26	10 Aug 2026	4	19.15	82.37	8.1	33.35	8.1	23.7	1.63
I26	10 Aug 2026	5	18.42	83.35	8.4	33.35	8.1	23.9	1.36
I26	10 Aug 2026	6	18.14	86.58	8.5	33.33	8.1	24.0	1.10
I26	10 Aug 2026	7	17.90	88.90	8.4	33.33	8.1	24.0	1.02
I26	10 Aug 2026	8	17.18	90.27	8.3	33.35	8.1	24.2	0.93
I26	10 Aug 2026	9	16.96	90.31	8.0	33.31	8.1	24.2	1.00
I26	17 Aug 2026	1	19.13	84.02	7.8	33.33	NA	23.7	0.60
I26	17 Aug 2026	2	18.06	84.16	7.9	33.35	NA	24.0	0.61
I26	17 Aug 2026	3	17.37	85.74	8.0	33.35	NA	24.2	0.65
I26	17 Aug 2026	4	17.26	85.86	7.9	33.32	NA	24.2	0.77
I26	17 Aug 2026	5	17.10	85.47	7.8	33.34	NA	24.2	0.85
I26	17 Aug 2026	6	16.59	85.10	7.7	33.33	NA	24.3	1.01
I26	17 Aug 2026	7	16.41	81.00	7.6	33.32	NA	24.4	1.31
I26	17 Aug 2026	8	16.47	77.32	7.6	33.31	NA	24.3	1.56
I26	17 Aug 2026	9	16.29	77.12	7.5	33.31	NA	24.4	1.54
I26	25 Aug 2026	1	19.86	90.42	7.6	33.29	8.1	23.5	0.35
I26	25 Aug 2026	2	19.45	90.46	7.6	33.29	8.1	23.6	0.34
I26	25 Aug 2026	3	19.09	90.20	7.6	33.26	8.1	23.7	0.36
I26	25 Aug 2026	4	18.65	88.43	7.7	33.29	8.1	23.8	0.47
I26	25 Aug 2026	5	18.25	87.71	7.7	33.31	8.1	23.9	0.49
I26	25 Aug 2026	6	17.97	89.29	7.7	33.30	8.1	24.0	0.49
I26	25 Aug 2026	7	17.91	89.15	7.8	33.30	8.1	24.0	0.55
I26	25 Aug 2026	8	17.90	87.22	7.7	33.30	8.1	24.0	0.63
I26	25 Aug 2026	9	17.87	83.93	7.6	33.30	8.1	24.0	0.82

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I32	03 Aug 2026	1	22.89	88.57	7.6	33.48	8.2	22.8	0.52
I32	03 Aug 2026	2	22.87	88.14	7.6	33.48	8.2	22.8	0.57
I32	03 Aug 2026	3	22.85	88.12	7.7	33.47	8.2	22.8	0.64
I32	03 Aug 2026	4	22.83	87.89	7.6	33.48	8.2	22.8	0.61
I32	03 Aug 2026	5	22.74	86.83	7.5	33.48	8.2	22.9	0.73
I32	03 Aug 2026	6	22.64	85.29	7.4	33.47	8.2	22.9	0.87
I32	03 Aug 2026	7	22.33	82.10	7.3	33.48	8.2	23.0	1.16
I32	03 Aug 2026	8	21.66	79.47	7.3	33.47	8.2	23.1	1.58
I32	03 Aug 2026	9	21.21	77.49	7.3	33.45	8.2	23.3	1.82
I32	03 Aug 2026	10	20.72	76.52	7.2	33.42	8.2	23.4	1.98
I32	10 Aug 2026	1	20.70	75.01	7.5	33.31	8.1	23.3	1.94
I32	10 Aug 2026	2	20.64	75.35	7.5	33.32	8.1	23.3	1.98
I32	10 Aug 2026	3	20.54	75.73	7.5	33.33	8.1	23.3	1.95
I32	10 Aug 2026	4	20.46	76.31	7.4	33.34	8.1	23.4	1.85
I32	10 Aug 2026	5	19.25	76.63	7.5	33.38	8.1	23.7	1.91
I32	10 Aug 2026	6	18.12	76.65	7.9	33.35	8.1	24.0	1.86
I32	10 Aug 2026	7	17.81	76.47	8.0	33.32	8.1	24.0	1.88
I32	10 Aug 2026	8	17.48	77.53	8.0	33.32	8.1	24.1	1.98
I32	10 Aug 2026	9	17.07	78.77	7.9	33.32	8.1	24.2	1.87
I32	10 Aug 2026	10	16.93	77.15	7.9	33.30	8.1	24.2	2.09
I32	17 Aug 2026	1	19.31	80.18	7.8	33.33	NA	23.7	0.62
I32	17 Aug 2026	2	19.19	80.13	7.7	33.35	NA	23.7	0.64
I32	17 Aug 2026	3	18.85	77.08	7.7	33.34	NA	23.8	0.85
I32	17 Aug 2026	4	17.77	68.04	7.6	33.39	NA	24.1	1.35
I32	17 Aug 2026	5	17.13	67.16	7.6	33.34	NA	24.2	1.96
I32	17 Aug 2026	6	16.59	66.04	7.5	33.36	NA	24.4	2.51
I32	17 Aug 2026	7	16.15	61.32	7.5	33.33	NA	24.4	3.19
I32	17 Aug 2026	8	16.08	64.62	7.6	33.32	NA	24.4	3.07
I32	17 Aug 2026	9	16.00	68.96	7.6	33.31	NA	24.5	2.61
I32	17 Aug 2026	10	15.96	76.02	7.6	33.31	NA	24.5	1.77
I32	25 Aug 2026	1	20.93	74.28	7.6	33.27	8.1	23.2	1.01
I32	25 Aug 2026	2	20.72	70.79	7.6	33.31	8.1	23.3	1.02
I32	25 Aug 2026	3	19.11	75.26	7.9	33.34	8.1	23.7	1.13
I32	25 Aug 2026	4	18.80	82.87	7.9	33.31	8.1	23.8	1.33
I32	25 Aug 2026	5	18.47	82.81	7.9	33.31	8.1	23.9	1.46
I32	25 Aug 2026	6	18.13	82.65	7.8	33.31	8.1	23.9	1.81
I32	25 Aug 2026	7	18.08	81.60	7.8	33.30	8.1	24.0	1.83
I32	25 Aug 2026	8	18.06	83.65	7.8	33.30	8.1	24.0	1.66
I32	25 Aug 2026	9	17.99	85.40	7.6	33.31	8.1	24.0	1.53
I32	25 Aug 2026	10	17.83	82.59	7.3	33.31	8	24.0	1.64

NA = not available

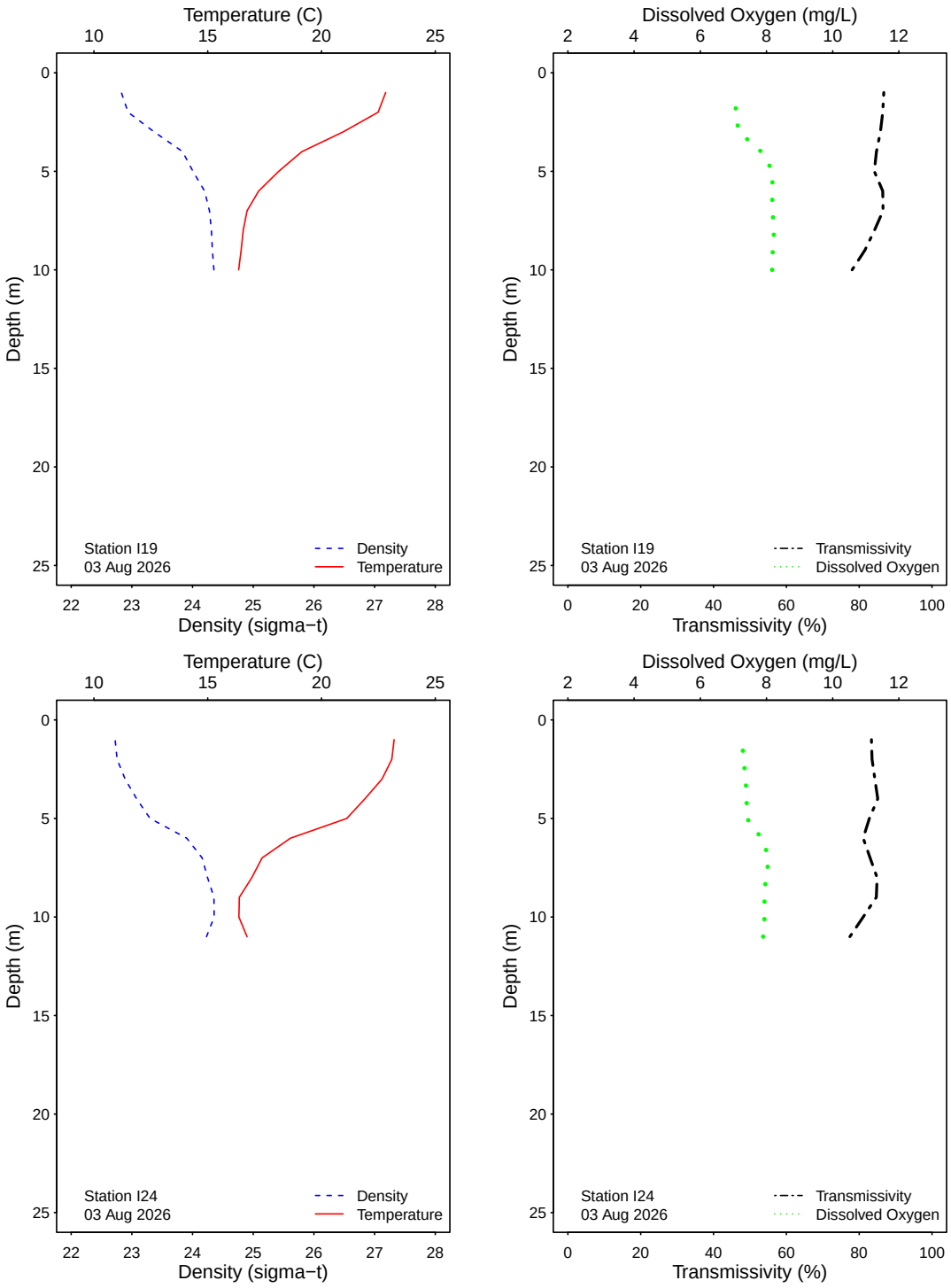


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

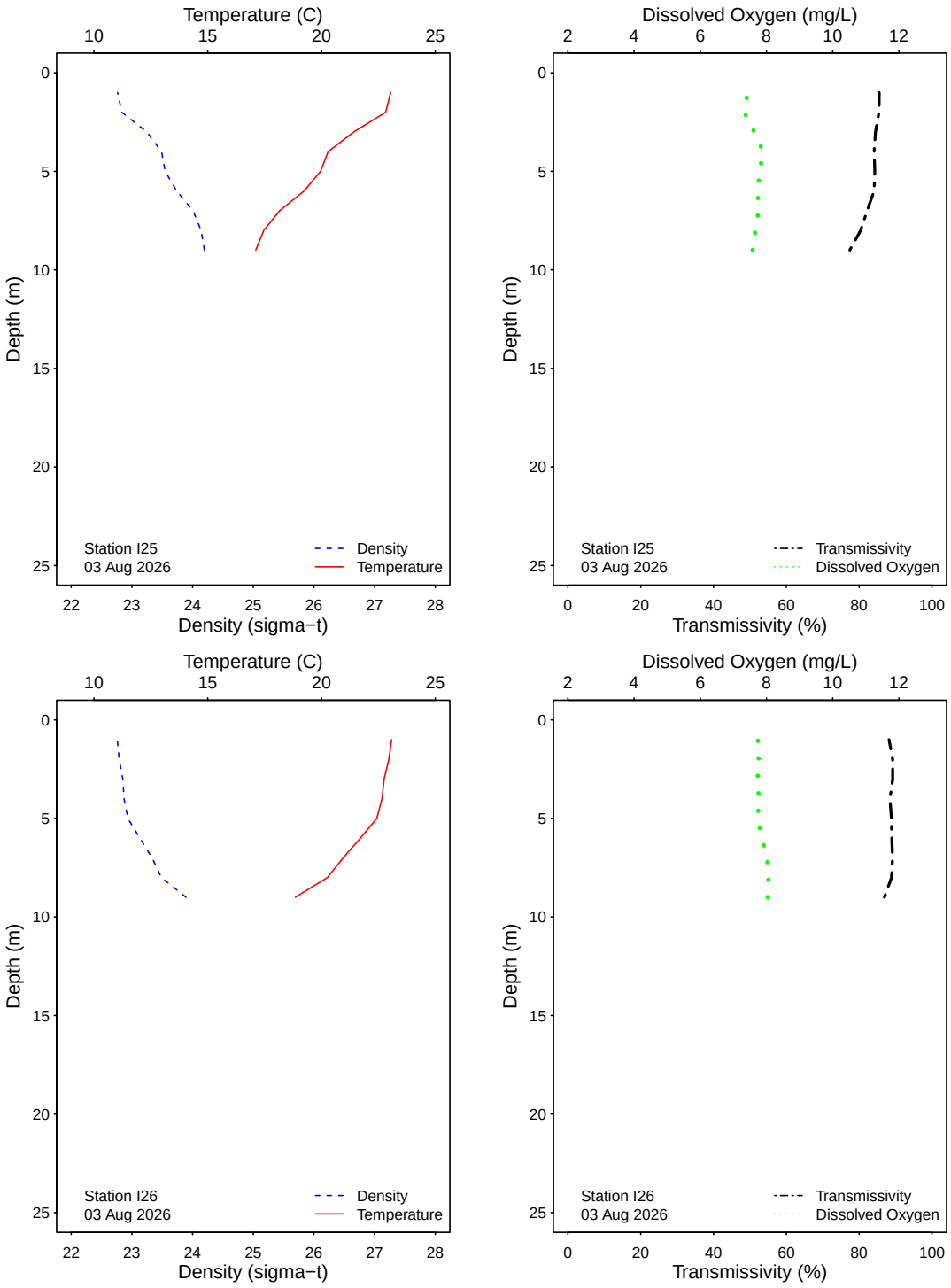


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

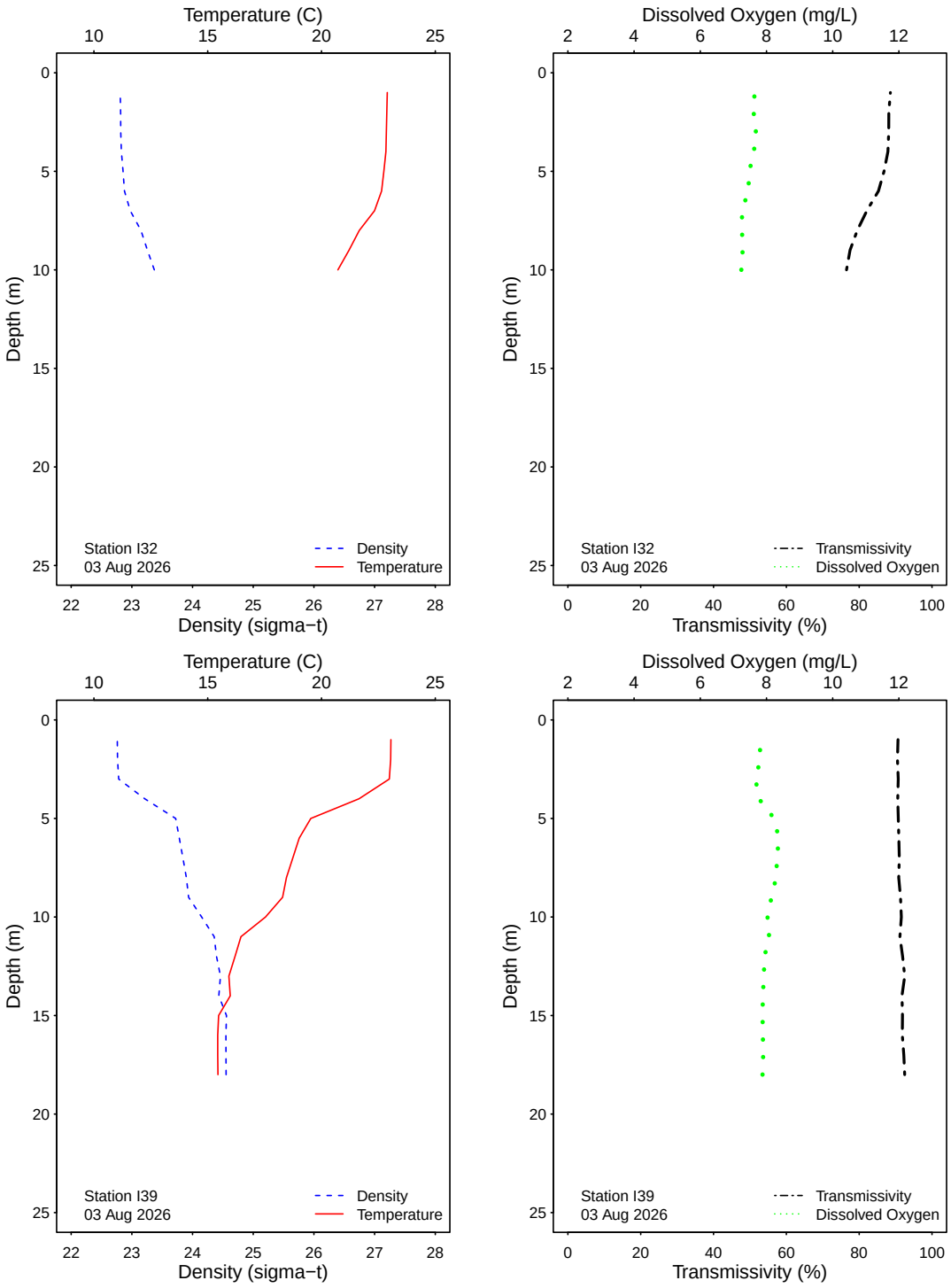


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

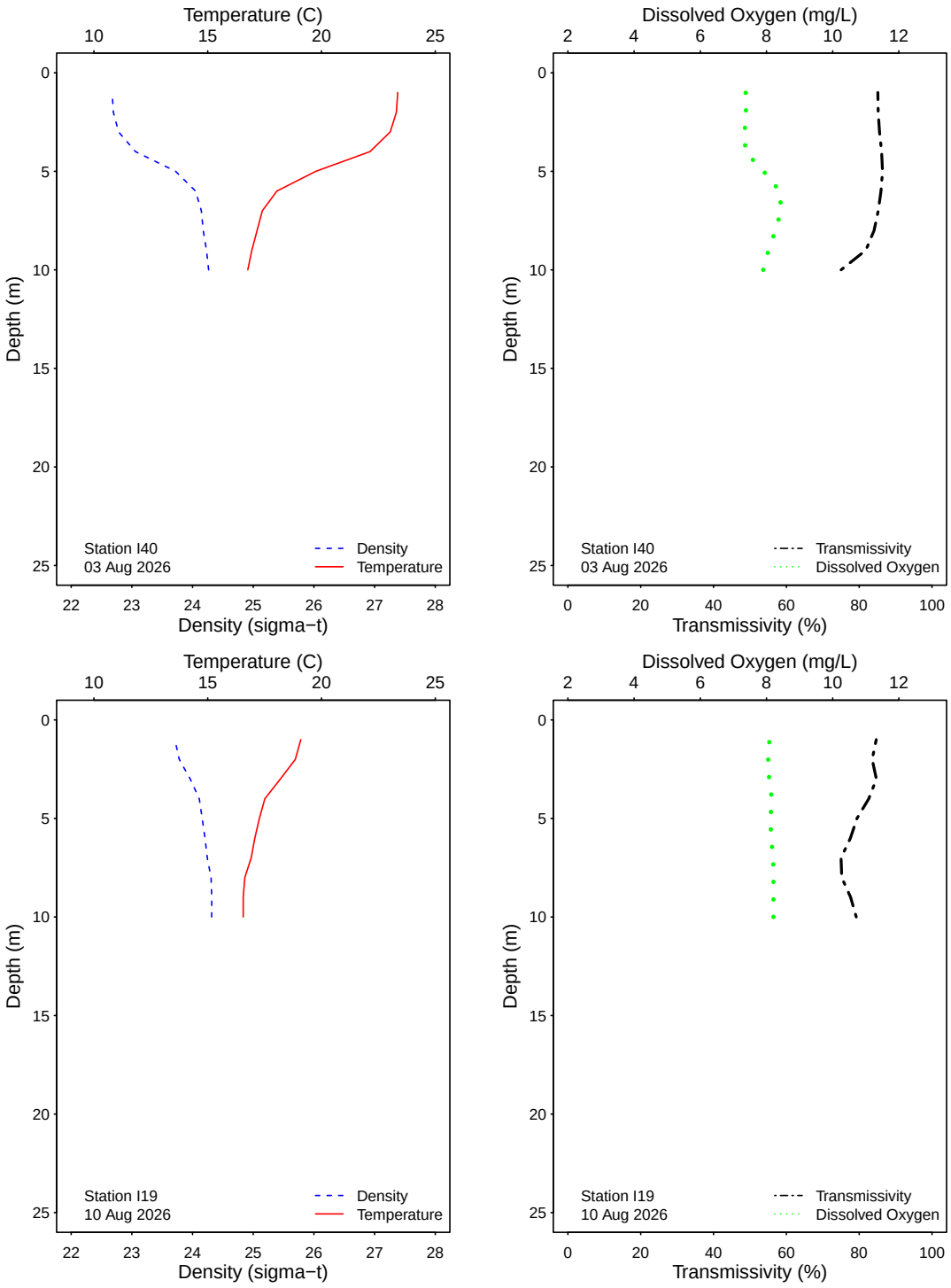


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

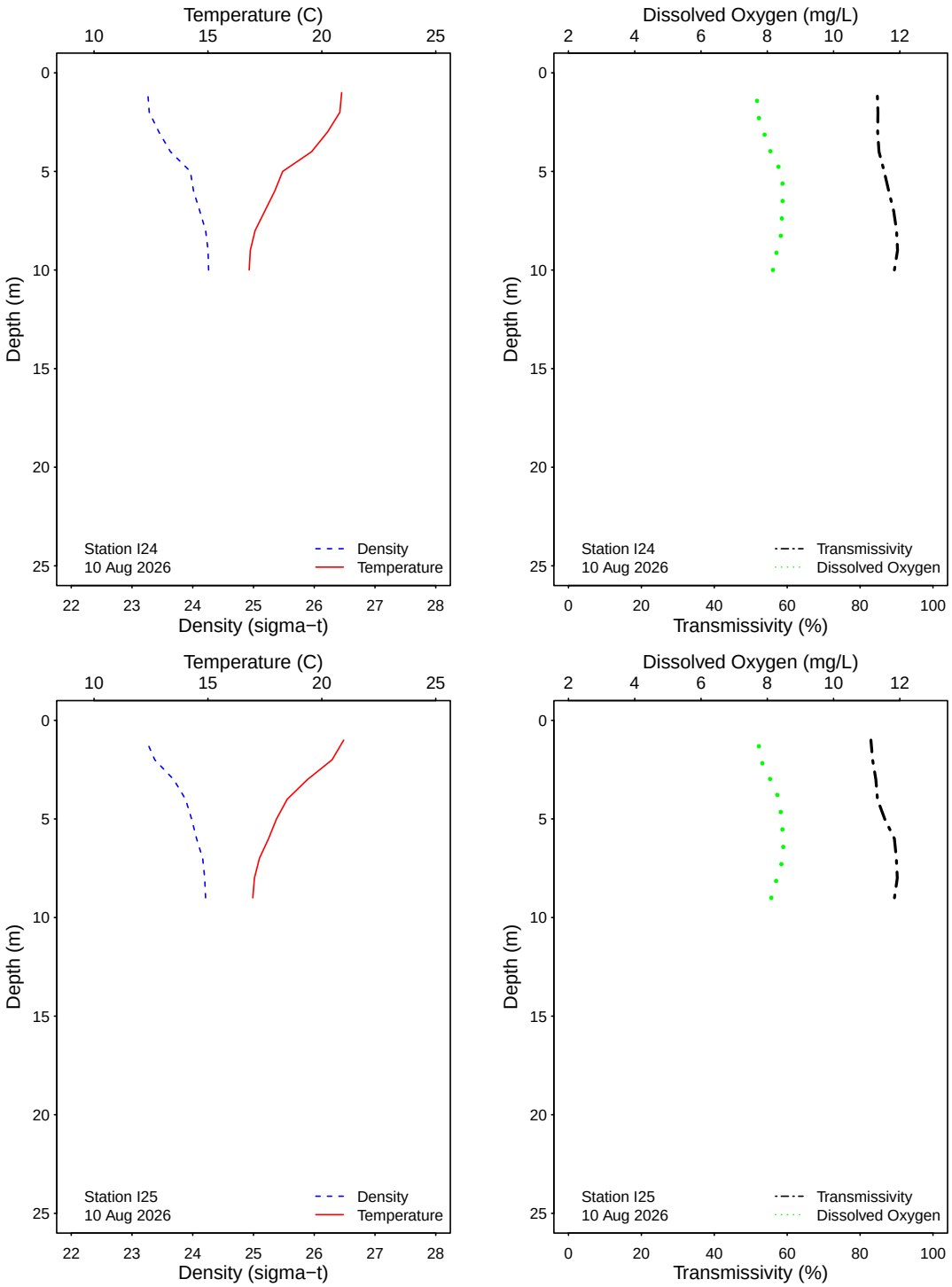


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

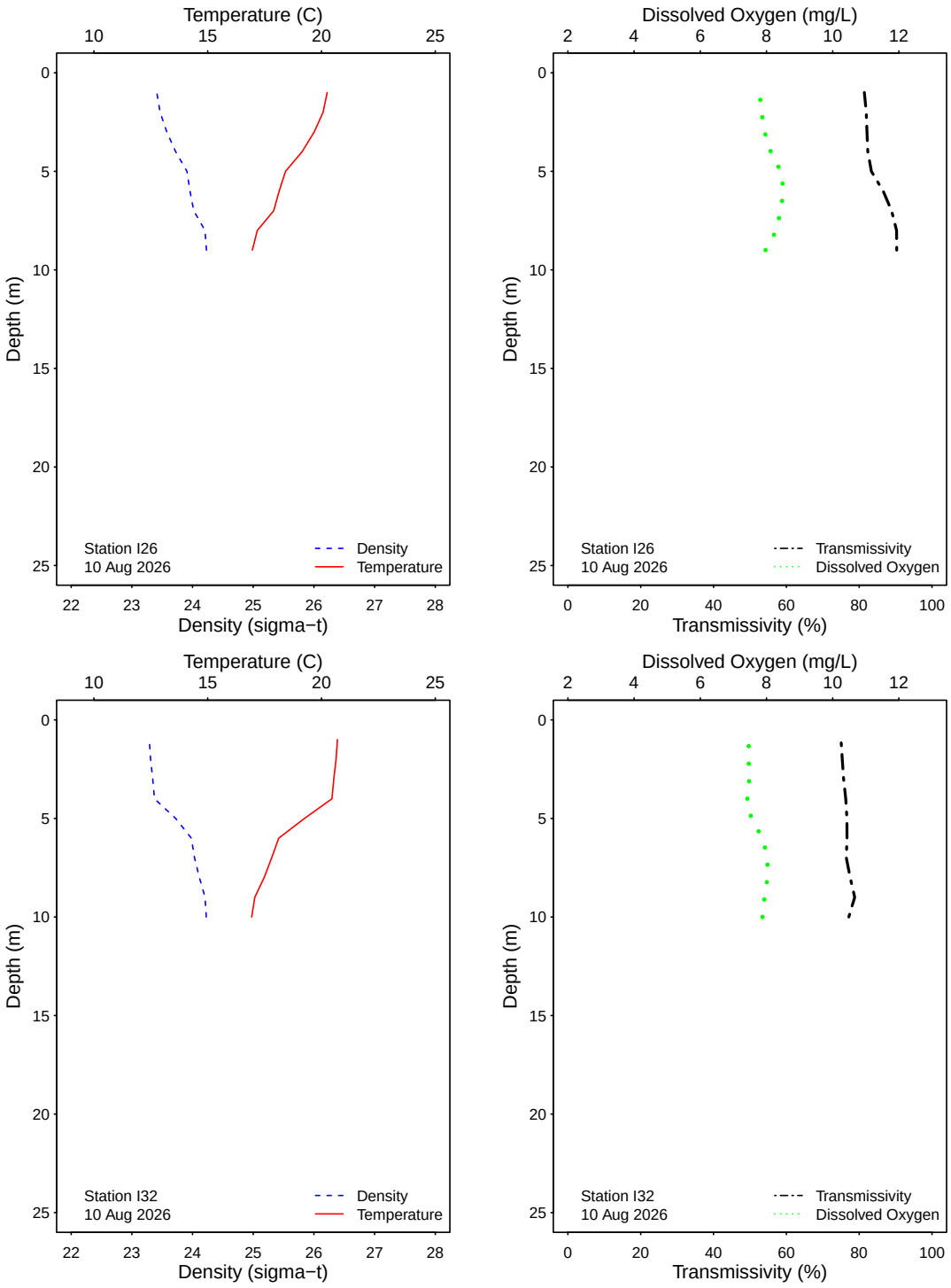


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

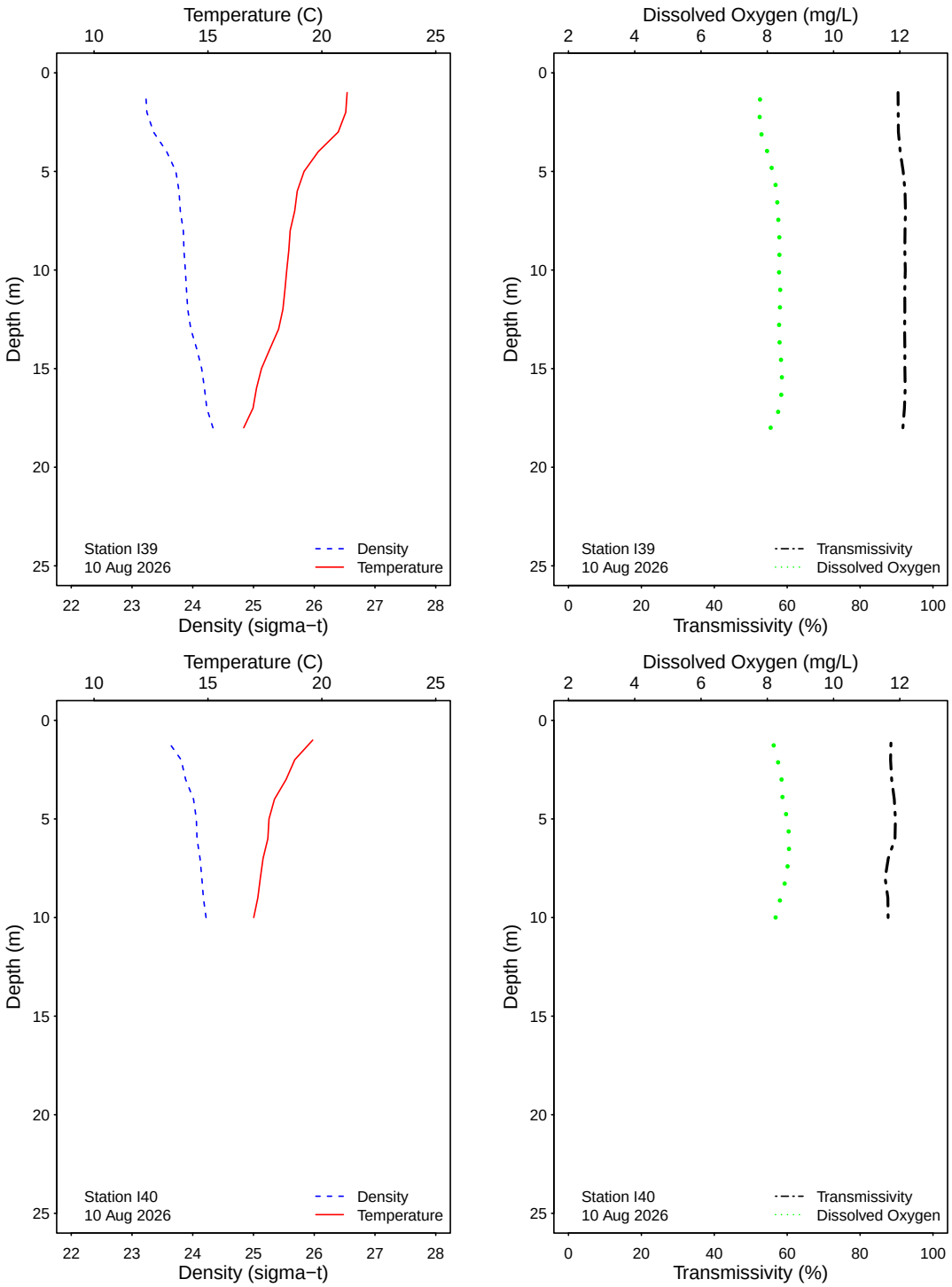


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

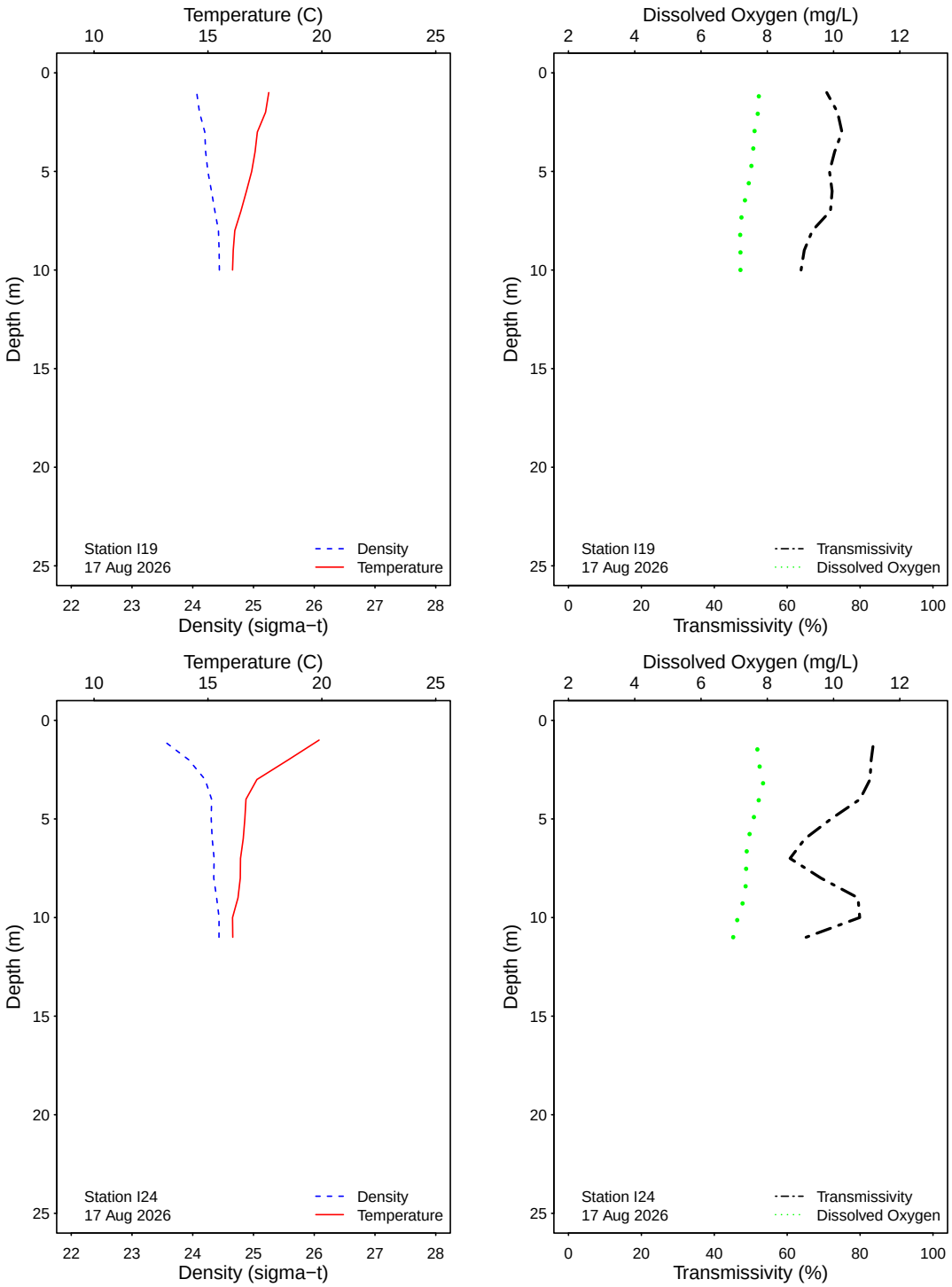


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

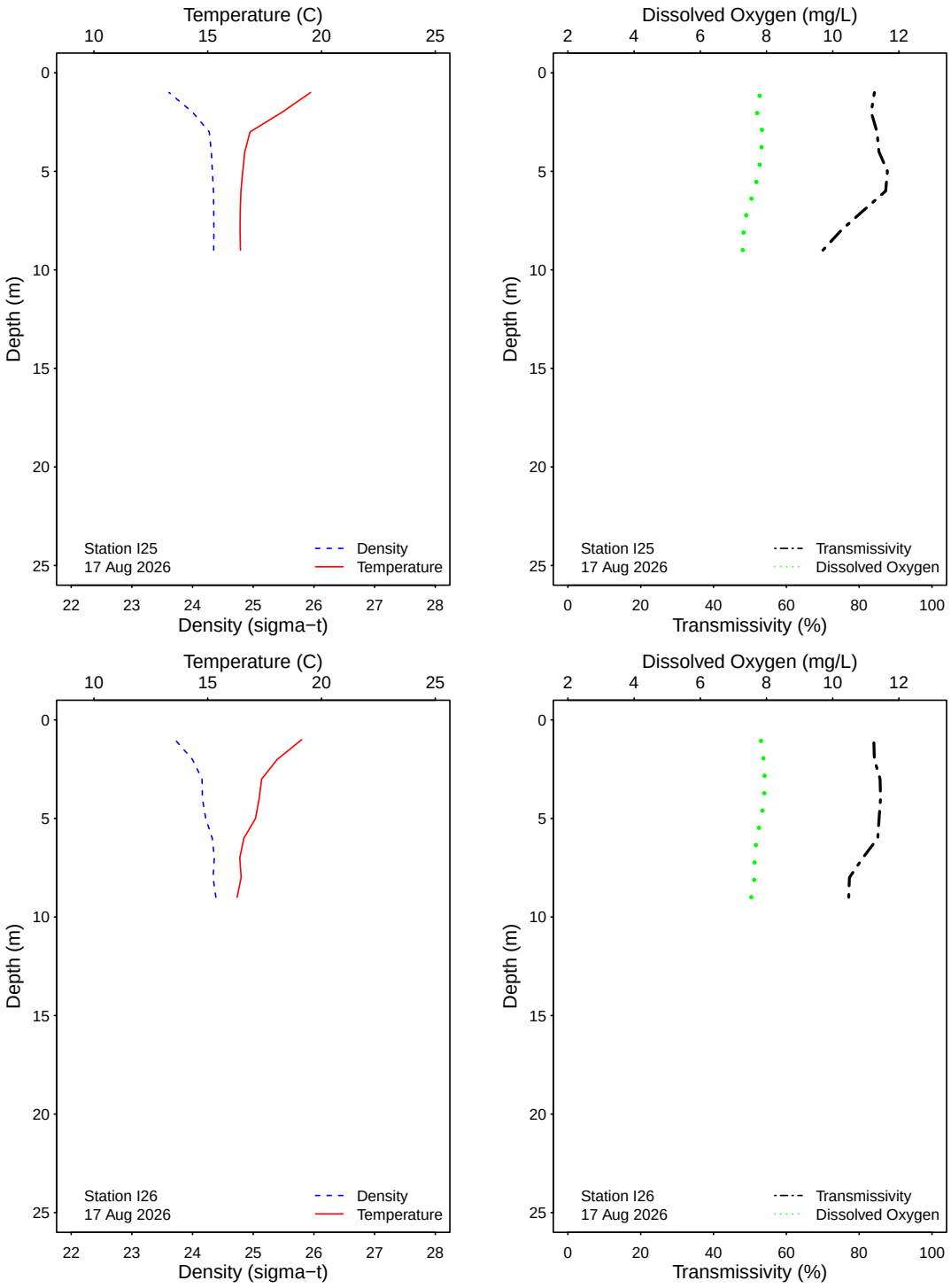


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

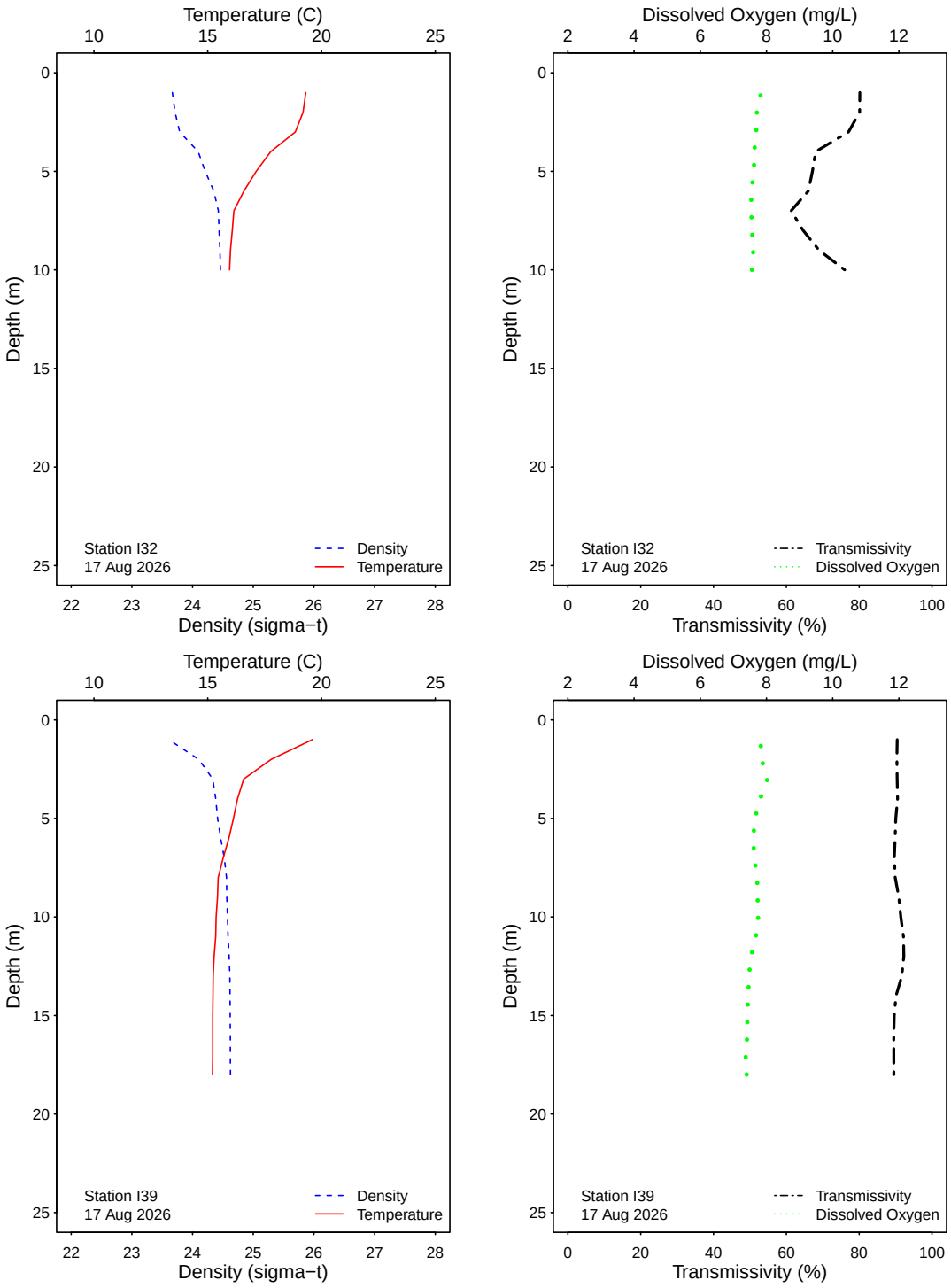


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

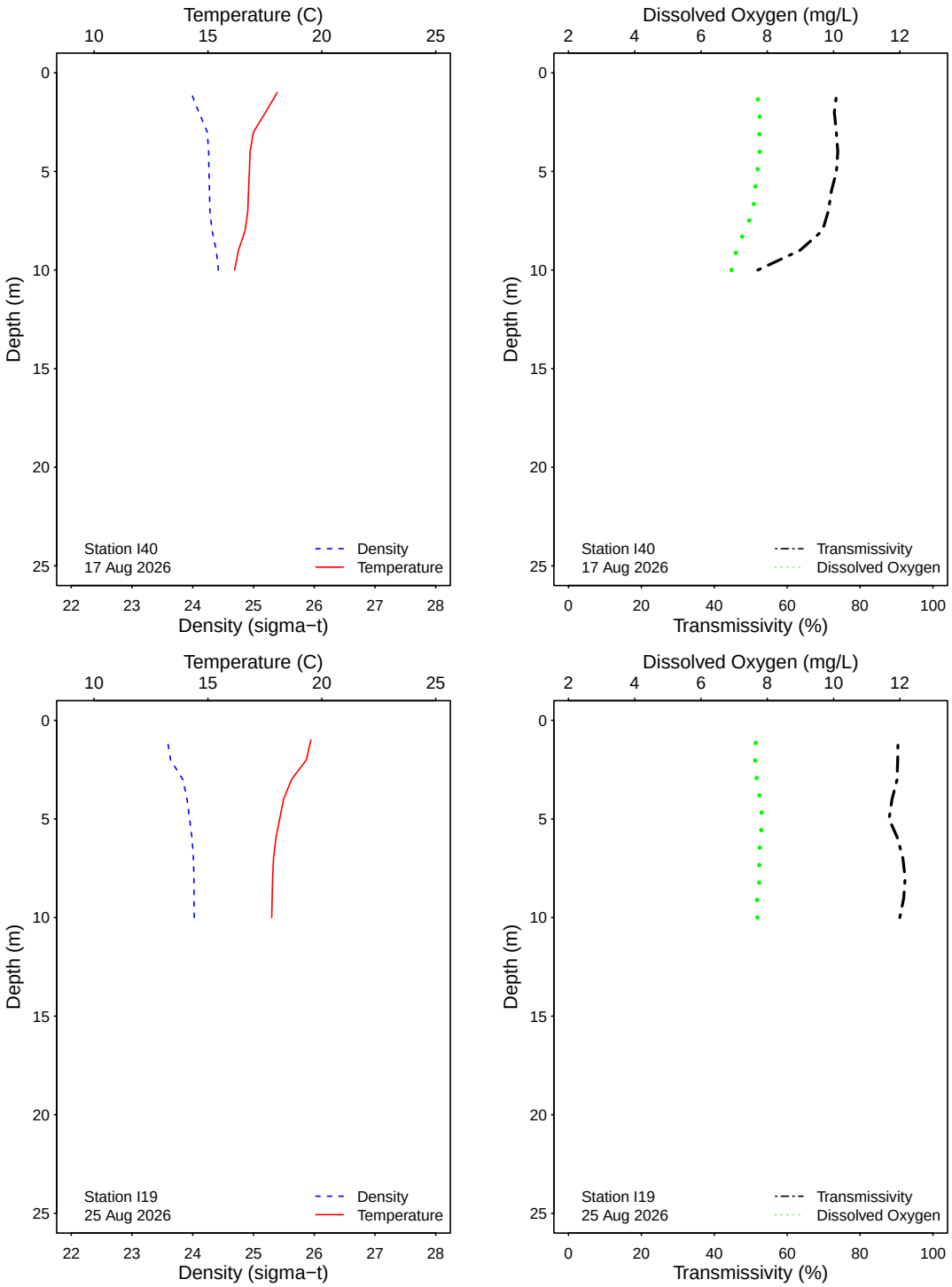


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

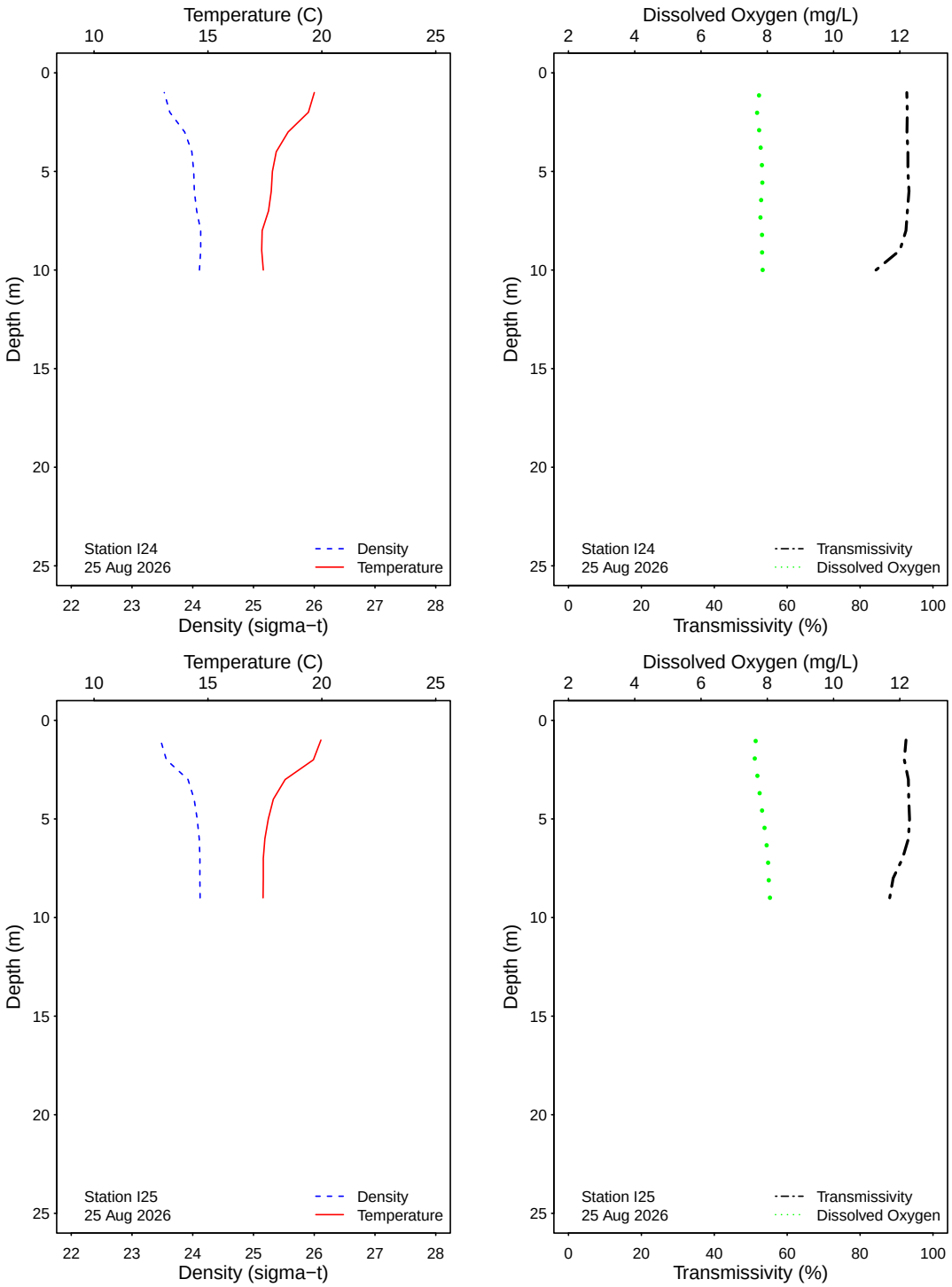


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

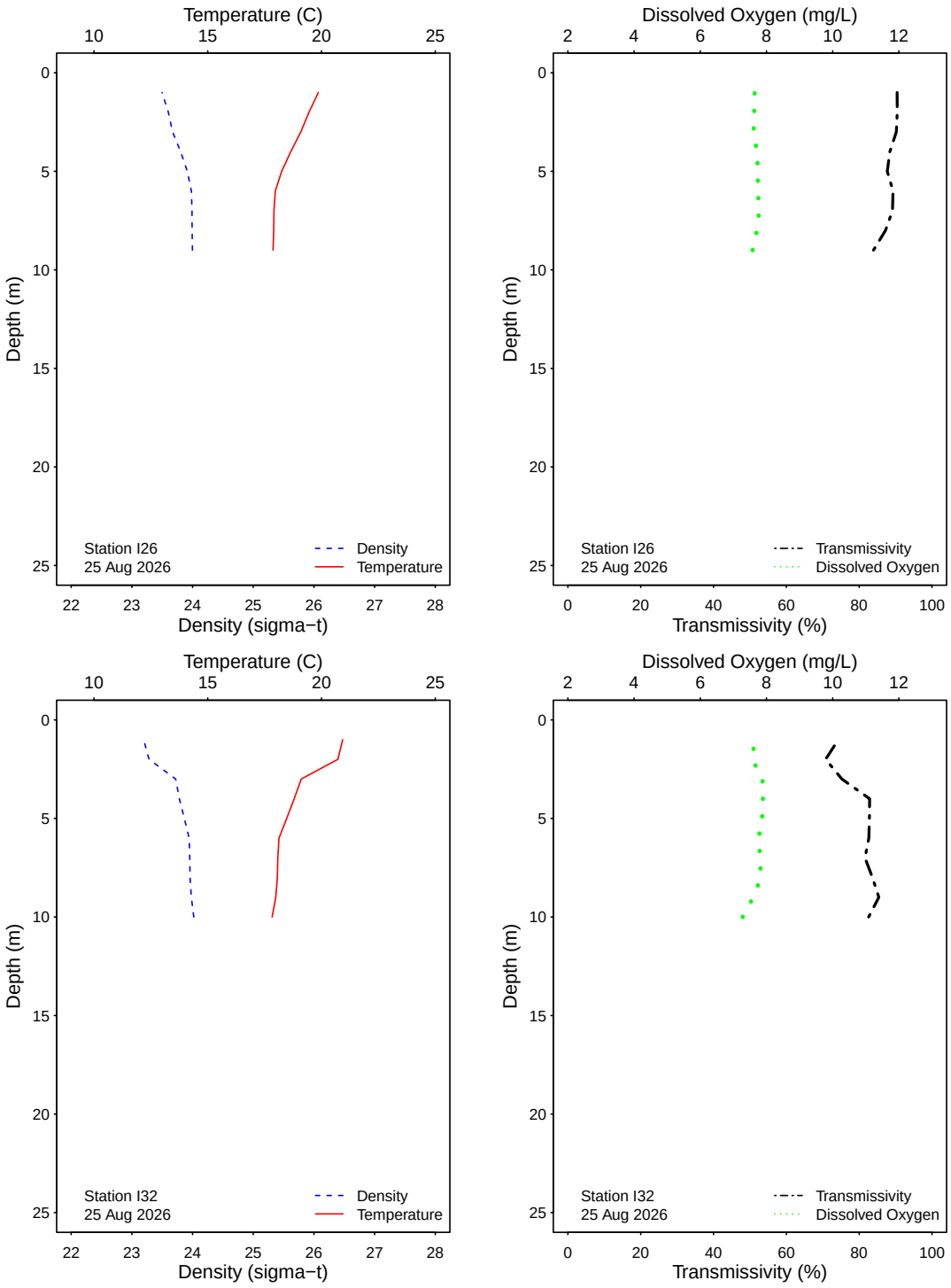


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

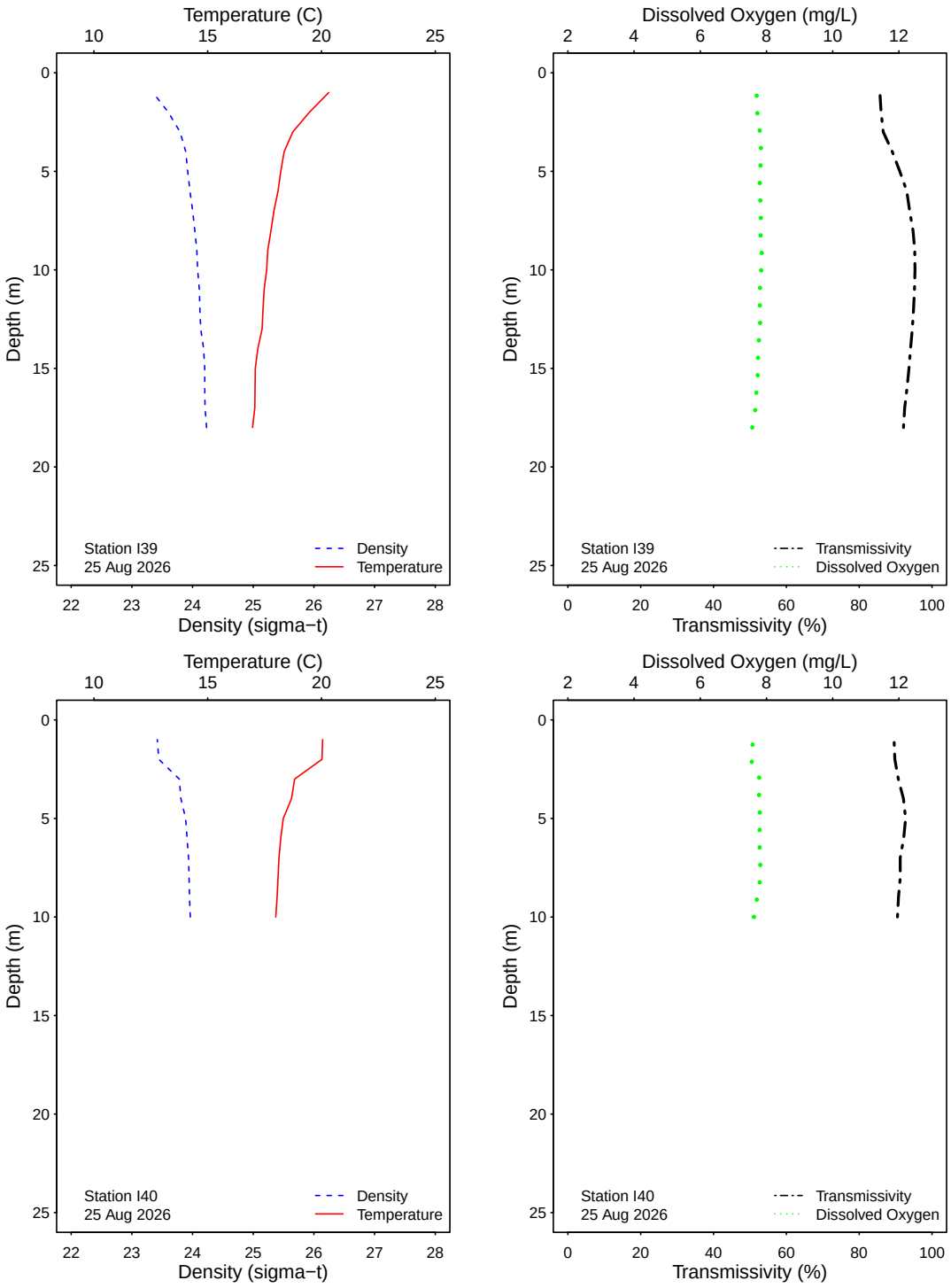


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

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Offshore Stations

Table 4.1

Summary of compliance at the SBOO offshore 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	I12	I14	I16	I18	I22	I23	I33	I36	I37	I38
13 Aug 2026	IC	**E**	IC	IC	**E**	IC	ns	ns	ns	ns
14 Aug 2026	ns	ns	ns	ns	ns	ns	IC	IC	IC	IC

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

Table 4.2

Summary of compliance at the SBOO 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	I12	I14	I16	I18	I22	I23	I33	I36	I37	I38
August	IC	**E**	IC	IC	**E**	IC	IC	IC	IC	IC

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

Table 4.3

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

	I12			I14			I16			I18			I22			I23			I33			I36			I37			I38		
Date	**2m**	**18m**	**27m**	**2m**	**18m**	**27m**	**2m**	**18m**	**27m**	**2m**	**12m**	**18m**	**2m**	**18m**	**27m**	**2m**	**12m**	**18m**	**2m**	**18m**	**27m**	**2m**	**6m**	**11m**	**2m**	**6m**	**11m**	**2m**	**6m**	**11m**
August	IC	IC	IC	IC	**E**	**E**	IC	IC	IC	IC	IC	IC	IC	**E**	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC

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

Table 4.4

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

Station	Date	Time	Depth	Total	Fecal	Entero
I10	11 Aug 2026	1032	2	20e	<2	<2
I10	11 Aug 2026	1032	12	<2	<2	<2
I10	11 Aug 2026	1032	18	2e	<2	<2
I11	11 Aug 2026	1022	2	<2	<2	<2
I11	11 Aug 2026	1022	6	<2	<2	<2
I11	11 Aug 2026	1022	11	2e	<2	<2
I12	13 Aug 2026	1059	2	<2	<2	<2
I12	13 Aug 2026	1059	18	<2	<2	<2
I12	13 Aug 2026	1059	27	<2	<2	<2
I13	13 Aug 2026	1122	2	<2	<2	<2
I13	13 Aug 2026	1122	18	<2	<2	<2
I13	13 Aug 2026	1122	37	<2	<2	<2
I14	13 Aug 2026	940	2	<20	2e	<2
I14	13 Aug 2026	940	18	5400	2000e	540
I14	13 Aug 2026	940	27	2200e	380e	100e
I16	13 Aug 2026	949	2	<2	<2	<2
I16	13 Aug 2026	949	18	<2	<2	<2
I16	13 Aug 2026	949	27	<2	2e	<2
I18	13 Aug 2026	922	2	<2	<2	<2
I18	13 Aug 2026	922	12	4e	4e	6e
I18	13 Aug 2026	922	18	<2	<2	<2
I20	13 Aug 2026	804	2	<2	<2	<2
I20	13 Aug 2026	804	18	<2	<2	<2
I20	13 Aug 2026	804	55	<2	<2	<2
I21	13 Aug 2026	823	2	<2	<2	<2
I21	13 Aug 2026	823	18	<2	<2	<2
I21	13 Aug 2026	823	37	<2	<2	<2
I22	13 Aug 2026	858	2	<2	2e	2e
I22	13 Aug 2026	858	18	8200	2800e	740
I22	13 Aug 2026	858	27	60e	22e	10e
I23	13 Aug 2026	911	2	2e	<2	<2
I23	13 Aug 2026	911	12	4e	<2	<2
I23	13 Aug 2026	911	18	<2	<2	<2
I3	11 Aug 2026	927	2	<2	<2	<2
I3	11 Aug 2026	927	18	<2	<2	<2
I3	11 Aug 2026	927	27	<2	<2	<2
I30	14 Aug 2026	851	2	<2	<2	<2
I30	14 Aug 2026	851	18	200e	160e	50
I30	14 Aug 2026	851	27	20e	2e	28e
I33	14 Aug 2026	802	2	<20	<2	<2
I33	14 Aug 2026	802	18	2e	<2	40

Station	Date	Time	Depth	Total	Fecal	Entero
I33	14 Aug 2026	802	27	4e	<2	4e
I36	14 Aug 2026	919	2	<20	<2	<2
I36	14 Aug 2026	919	6	<2	<2	<2
I36	14 Aug 2026	919	11	<20	<2	<2
I37	14 Aug 2026	741	2	<2	<2	<2
I37	14 Aug 2026	741	6	<2	<2	<2
I37	14 Aug 2026	741	11	<2	<2	<2
I38	14 Aug 2026	946	2	<20	<2	<2
I38	14 Aug 2026	946	6	<20	<2	<2
I38	14 Aug 2026	946	11	<2	<2	<2
I5	11 Aug 2026	947	2	>16000	6000	4200
I5	11 Aug 2026	947	6	280e	10e	8e
I5	11 Aug 2026	947	11	620	24e	18e
I7	11 Aug 2026	816	2	<2	<2	<2
I7	11 Aug 2026	816	18	<2	<2	<2
I7	11 Aug 2026	816	52	10e	<2	<2
I8	11 Aug 2026	1058	2	<2	<2	<2
I8	11 Aug 2026	1058	18	<2	<2	<2
I8	11 Aug 2026	1058	37	<2	<2	<2
I9	11 Aug 2026	1047	2	<2	<2	<2
I9	11 Aug 2026	1047	18	<2	<2	<2
I9	11 Aug 2026	1047	27	<2	<2	<2

ns = not sampled
ND = no data

Table 4.5

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

Station	Date	Parameter	Value
I3	11 Aug 2026	Arrive Time	927
I3	11 Aug 2026	Depart Time	932
I3	11 Aug 2026	Air Temp (C)	21.8
I3	11 Aug 2026	Visibility (mi)	9
I3	11 Aug 2026	Wind Speed (kts)	1.7
I3	11 Aug 2026	Wind Dir	N
I3	11 Aug 2026	Sea State	Calm
I3	11 Aug 2026	High Tide Time	2042
I3	11 Aug 2026	Low Tide Time	306
I3	11 Aug 2026	Comments	
I5	11 Aug 2026	Arrive Time	947
I5	11 Aug 2026	Depart Time	952
I5	11 Aug 2026	Air Temp (C)	22.6
I5	11 Aug 2026	Visibility (mi)	9
I5	11 Aug 2026	Wind Speed (kts)	0.7
I5	11 Aug 2026	Wind Dir	NW
I5	11 Aug 2026	Sea State	Calm
I5	11 Aug 2026	High Tide Time	2042
I5	11 Aug 2026	Low Tide Time	306
I5	11 Aug 2026	Comments	
I9	11 Aug 2026	Arrive Time	1047
I9	11 Aug 2026	Depart Time	1050
I9	11 Aug 2026	Air Temp (C)	22.8
I9	11 Aug 2026	Visibility (mi)	9
I9	11 Aug 2026	Wind Speed (kts)	4
I9	11 Aug 2026	Wind Dir	SW
I9	11 Aug 2026	Sea State	Calm
I9	11 Aug 2026	High Tide Time	2042
I9	11 Aug 2026	Low Tide Time	306
I9	11 Aug 2026	Comments	
I11	11 Aug 2026	Arrive Time	1022
I11	11 Aug 2026	Depart Time	1027
I11	11 Aug 2026	Air Temp (C)	23.1
I11	11 Aug 2026	Visibility (mi)	9
I11	11 Aug 2026	Wind Speed (kts)	3.9
I11	11 Aug 2026	Wind Dir	SW
I11	11 Aug 2026	Sea State	Calm
I11	11 Aug 2026	High Tide Time	2042
I11	11 Aug 2026	Low Tide Time	306
I11	11 Aug 2026	Comments	sea lion interested in CTD
I10	11 Aug 2026	Arrive Time	1032
I10	11 Aug 2026	Depart Time	1037
I10	11 Aug 2026	Air Temp (C)	22.8
I10	11 Aug 2026	Visibility (mi)	9
I10	11 Aug 2026	Wind Speed (kts)	2.4
I10	11 Aug 2026	Wind Dir	S
I10	11 Aug 2026	Sea State	Calm
I10	11 Aug 2026	High Tide Time	2042
I10	11 Aug 2026	Low Tide Time	306
I10	11 Aug 2026	Comments	
I7	11 Aug 2026	Arrive Time	816

Station	Date	Parameter	Value
I7	11 Aug 2026	Depart Time	830
I7	11 Aug 2026	Air Temp (C)	22
I7	11 Aug 2026	Visibility (mi)	9
I7	11 Aug 2026	Wind Speed (kts)	2.8
I7	11 Aug 2026	Wind Dir	NE
I7	11 Aug 2026	Sea State	Calm
I7	11 Aug 2026	High Tide Time	2042
I7	11 Aug 2026	Low Tide Time	306
I7	11 Aug 2026	Comments	CDOM spike on initial cast; recast. Use 2nd cast
I8	11 Aug 2026	Arrive Time	1058
I8	11 Aug 2026	Depart Time	1101
I8	11 Aug 2026	Air Temp (C)	23
I8	11 Aug 2026	Visibility (mi)	9
I8	11 Aug 2026	Wind Speed (kts)	1.6
I8	11 Aug 2026	Wind Dir	NW
I8	11 Aug 2026	Sea State	Calm
I8	11 Aug 2026	High Tide Time	2042
I8	11 Aug 2026	Low Tide Time	306
I8	11 Aug 2026	Comments	
I12	13 Aug 2026	Arrive Time	1059
I12	13 Aug 2026	Depart Time	1104
I12	13 Aug 2026	Air Temp (C)	21.6
I12	13 Aug 2026	Visibility (mi)	6
I12	13 Aug 2026	Wind Speed (kts)	4.4
I12	13 Aug 2026	Wind Dir	SE
I12	13 Aug 2026	Sea State	Calm
I12	13 Aug 2026	High Tide Time	2212
I12	13 Aug 2026	Low Tide Time	424
I12	13 Aug 2026	Comments	
I18	13 Aug 2026	Arrive Time	922
I18	13 Aug 2026	Depart Time	928
I18	13 Aug 2026	Air Temp (C)	21.1
I18	13 Aug 2026	Visibility (mi)	6
I18	13 Aug 2026	Wind Speed (kts)	3.2
I18	13 Aug 2026	Wind Dir	E
I18	13 Aug 2026	Sea State	Calm
I18	13 Aug 2026	High Tide Time	2212
I18	13 Aug 2026	Low Tide Time	424
I18	13 Aug 2026	Comments	
I13	13 Aug 2026	Arrive Time	1122
I13	13 Aug 2026	Depart Time	1131
I13	13 Aug 2026	Air Temp (C)	21.9
I13	13 Aug 2026	Visibility (mi)	6
I13	13 Aug 2026	Wind Speed (kts)	2.8
I13	13 Aug 2026	Wind Dir	S
I13	13 Aug 2026	Sea State	Calm
I13	13 Aug 2026	High Tide Time	2212
I13	13 Aug 2026	Low Tide Time	424
I13	13 Aug 2026	Comments	
I16	13 Aug 2026	Arrive Time	949
I16	13 Aug 2026	Depart Time	958
I16	13 Aug 2026	Air Temp (C)	21.5
I16	13 Aug 2026	Visibility (mi)	6
I16	13 Aug 2026	Wind Speed (kts)	2.7
I16	13 Aug 2026	Wind Dir	E

Station	Date	Parameter	Value
I16	13 Aug 2026	Sea State	Calm
I16	13 Aug 2026	High Tide Time	2212
I16	13 Aug 2026	Low Tide Time	424
I16	13 Aug 2026	Comments	
I14	13 Aug 2026	Arrive Time	940
I14	13 Aug 2026	Depart Time	947
I14	13 Aug 2026	Air Temp (C)	21.6
I14	13 Aug 2026	Visibility (mi)	6
I14	13 Aug 2026	Wind Speed (kts)	3
I14	13 Aug 2026	Wind Dir	SE
I14	13 Aug 2026	Sea State	Calm
I14	13 Aug 2026	High Tide Time	2212
I14	13 Aug 2026	Low Tide Time	424
I14	13 Aug 2026	Comments	
I23	13 Aug 2026	Arrive Time	911
I23	13 Aug 2026	Depart Time	916
I23	13 Aug 2026	Air Temp (C)	21
I23	13 Aug 2026	Visibility (mi)	6
I23	13 Aug 2026	Wind Speed (kts)	3.8
I23	13 Aug 2026	Wind Dir	E
I23	13 Aug 2026	Sea State	Calm
I23	13 Aug 2026	High Tide Time	2212
I23	13 Aug 2026	Low Tide Time	424
I23	13 Aug 2026	Comments	
I22	13 Aug 2026	Arrive Time	858
I22	13 Aug 2026	Depart Time	903
I22	13 Aug 2026	Air Temp (C)	21.1
I22	13 Aug 2026	Visibility (mi)	6
I22	13 Aug 2026	Wind Speed (kts)	4.9
I22	13 Aug 2026	Wind Dir	E
I22	13 Aug 2026	Sea State	Calm
I22	13 Aug 2026	High Tide Time	2212
I22	13 Aug 2026	Low Tide Time	424
I22	13 Aug 2026	Comments	Niskin 4 used for surface sample.
I20	13 Aug 2026	Arrive Time	804
I20	13 Aug 2026	Depart Time	815
I20	13 Aug 2026	Air Temp (C)	21.6
I20	13 Aug 2026	Visibility (mi)	6
I20	13 Aug 2026	Wind Speed (kts)	3
I20	13 Aug 2026	Wind Dir	E
I20	13 Aug 2026	Sea State	Calm
I20	13 Aug 2026	High Tide Time	2212
I20	13 Aug 2026	Low Tide Time	424
I20	13 Aug 2026	Comments	
I21	13 Aug 2026	Arrive Time	823
I21	13 Aug 2026	Depart Time	832
I21	13 Aug 2026	Air Temp (C)	21.4
I21	13 Aug 2026	Visibility (mi)	6
I21	13 Aug 2026	Wind Speed (kts)	4.4
I21	13 Aug 2026	Wind Dir	E
I21	13 Aug 2026	Sea State	Calm
I21	13 Aug 2026	High Tide Time	2212
I21	13 Aug 2026	Low Tide Time	424
I21	13 Aug 2026	Comments	OA 1m Btl# 505 Nsk# 5;OA 41m Btl# 296 Nsk# 4;
I30	14 Aug 2026	Arrive Time	851

Station	Date	Parameter	Value
I30	14 Aug 2026	Depart Time	856
I30	14 Aug 2026	Air Temp (C)	21.2
I30	14 Aug 2026	Visibility (mi)	10
I30	14 Aug 2026	Wind Speed (kts)	1.3
I30	14 Aug 2026	Wind Dir	E
I30	14 Aug 2026	Sea State	Regular Swell
I30	14 Aug 2026	High Tide Time	2254
I30	14 Aug 2026	Low Tide Time	454
I30	14 Aug 2026	Comments	Kelp Debris; Seagrass
I33	14 Aug 2026	Arrive Time	802
I33	14 Aug 2026	Depart Time	807
I33	14 Aug 2026	Air Temp (C)	21.1
I33	14 Aug 2026	Visibility (mi)	10
I33	14 Aug 2026	Wind Speed (kts)	3.7
I33	14 Aug 2026	Wind Dir	S
I33	14 Aug 2026	Sea State	Regular Swell
I33	14 Aug 2026	High Tide Time	2254
I33	14 Aug 2026	Low Tide Time	454
I33	14 Aug 2026	Comments	
I36	14 Aug 2026	Arrive Time	919
I36	14 Aug 2026	Depart Time	924
I36	14 Aug 2026	Air Temp (C)	21.5
I36	14 Aug 2026	Visibility (mi)	10
I36	14 Aug 2026	Wind Speed (kts)	3.9
I36	14 Aug 2026	Wind Dir	S
I36	14 Aug 2026	Sea State	Regular Swell
I36	14 Aug 2026	High Tide Time	2254
I36	14 Aug 2026	Low Tide Time	454
I36	14 Aug 2026	Comments	
I37	14 Aug 2026	Arrive Time	741
I37	14 Aug 2026	Depart Time	746
I37	14 Aug 2026	Air Temp (C)	21.2
I37	14 Aug 2026	Visibility (mi)	10
I37	14 Aug 2026	Wind Speed (kts)	0
I37	14 Aug 2026	Wind Dir	SE
I37	14 Aug 2026	Sea State	Regular Swell
I37	14 Aug 2026	High Tide Time	2254
I37	14 Aug 2026	Low Tide Time	454
I37	14 Aug 2026	Comments	Refrigerator malfunctioning; using wet ice chest for the day.
I38	14 Aug 2026	Arrive Time	946
I38	14 Aug 2026	Depart Time	951
I38	14 Aug 2026	Air Temp (C)	21.6
I38	14 Aug 2026	Visibility (mi)	10
I38	14 Aug 2026	Wind Speed (kts)	5.8
I38	14 Aug 2026	Wind Dir	S
I38	14 Aug 2026	Sea State	Regular Swell
I38	14 Aug 2026	High Tide Time	2254
I38	14 Aug 2026	Low Tide Time	454
I38	14 Aug 2026	Comments	

Table 4.6

Summary of CTD profile data from the SBOO 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)
I3	11 Aug 2026	1	20.92	88.99	8.1	33.35	8.2	23.3	0.72
I3	11 Aug 2026	2	20.93	89.52	8.1	33.35	8.2	23.3	0.74
I3	11 Aug 2026	3	20.81	90.29	8.1	33.36	8.2	23.3	0.77
I3	11 Aug 2026	4	20.35	90.86	8.1	33.37	8.2	23.4	0.67
I3	11 Aug 2026	5	19.69	91.61	8.1	33.38	8.1	23.6	0.54
I3	11 Aug 2026	6	18.34	92.81	8.3	33.40	8.1	24.0	0.44
I3	11 Aug 2026	7	17.42	93.95	8.4	33.34	8.1	24.1	0.38
I3	11 Aug 2026	8	17.10	94.71	8.4	33.32	8.1	24.2	0.38
I3	11 Aug 2026	9	16.41	94.81	8.4	33.35	8.1	24.4	0.41
I3	11 Aug 2026	10	15.58	94.57	8.4	33.33	8.1	24.6	0.49
I3	11 Aug 2026	11	15.44	93.68	8.3	33.31	8.1	24.6	0.56
I3	11 Aug 2026	12	15.40	93.12	8.3	33.31	8.1	24.6	0.59
I3	11 Aug 2026	13	15.19	93.37	8.2	33.30	8.1	24.6	0.59
I3	11 Aug 2026	14	14.86	93.85	8.0	33.32	8.1	24.7	0.55
I3	11 Aug 2026	15	14.79	93.88	7.7	33.32	8.1	24.7	0.62
I3	11 Aug 2026	16	14.66	93.68	7.6	33.33	8.1	24.8	0.76
I3	11 Aug 2026	17	14.63	93.07	7.5	33.33	8.1	24.8	0.80
I3	11 Aug 2026	18	14.58	92.79	7.4	33.33	8.0	24.8	0.84
I3	11 Aug 2026	19	14.53	92.71	7.4	33.33	8.0	24.8	0.87
I3	11 Aug 2026	20	14.47	92.45	7.3	33.34	8.0	24.8	0.97
I3	11 Aug 2026	21	14.36	91.93	7.2	33.34	8.0	24.8	1.16
I3	11 Aug 2026	22	14.30	91.40	7.2	33.34	8.0	24.8	1.40
I3	11 Aug 2026	23	14.29	90.92	7.1	33.34	8.0	24.8	1.51
I3	11 Aug 2026	24	14.27	90.63	7.1	33.34	8.0	24.9	1.52
I3	11 Aug 2026	25	14.27	90.40	7.1	33.34	8.0	24.9	1.55
I3	11 Aug 2026	26	14.27	90.30	7.1	33.35	8.0	24.9	1.58
I3	11 Aug 2026	27	14.27	90.35	7.0	33.35	8.0	24.9	1.60
I4	11 Aug 2026	1	20.56	88.42	7.9	33.32	8.1	23.3	0.82
I4	11 Aug 2026	2	20.52	88.69	7.9	33.33	8.1	23.4	0.85
I4	11 Aug 2026	3	19.80	88.84	8.1	33.34	8.1	23.5	0.82
I4	11 Aug 2026	4	19.50	89.40	8.2	33.32	8.1	23.6	0.83
I4	11 Aug 2026	5	18.95	89.91	8.4	33.34	8.1	23.8	0.78
I4	11 Aug 2026	6	18.42	90.27	8.5	33.32	8.1	23.9	0.71
I4	11 Aug 2026	7	18.27	90.41	8.5	33.31	8.1	23.9	0.72
I4	11 Aug 2026	8	18.27	90.33	8.5	33.31	8.1	23.9	0.74
I4	11 Aug 2026	9	18.13	90.03	8.5	33.31	8.1	23.9	0.73
I4	11 Aug 2026	10	17.81	89.97	8.3	33.32	8.1	24.0	0.78
I4	11 Aug 2026	11	17.23	89.52	8.3	33.33	8.1	24.2	0.75
I4	11 Aug 2026	12	16.54	89.07	8.4	33.33	8.1	24.3	0.65
I4	11 Aug 2026	13	16.45	90.24	8.3	33.32	8.1	24.3	0.70
I4	11 Aug 2026	14	16.38	90.30	8.2	33.31	8.1	24.4	0.77
I4	11 Aug 2026	15	16.15	89.48	8.0	33.32	8.1	24.4	0.85
I4	11 Aug 2026	16	15.67	88.51	8.0	33.33	8.1	24.5	0.97
I4	11 Aug 2026	17	15.35	87.58	7.9	33.32	8.1	24.6	0.80
I4	11 Aug 2026	18	15.10	90.15	7.7	33.32	8.1	24.7	0.70
I5	11 Aug 2026	1	19.49	69.88	7.3	33.02	8.1	23.4	0.90
I5	11 Aug 2026	2	19.20	70.35	7.4	33.12	8.1	23.5	1.01
I5	11 Aug 2026	3	18.69	75.44	7.7	33.21	8.1	23.7	1.09
I5	11 Aug 2026	4	18.13	78.70	8.0	33.32	8.1	24.0	1.05
I5	11 Aug 2026	5	17.40	81.18	8.2	33.33	8.1	24.1	1.00
I5	11 Aug 2026	6	16.95	85.03	8.2	33.32	8.1	24.2	0.85
I5	11 Aug 2026	7	16.49	86.67	8.0	33.34	8.1	24.4	0.84
I5	11 Aug 2026	8	16.00	86.26	7.9	33.32	8.1	24.5	1.07
I5	11 Aug 2026	9	15.84	83.62	7.8	33.31	8.1	24.5	1.38
I5	11 Aug 2026	10	15.60	81.16	7.8	33.31	8.1	24.5	1.28
I5	11 Aug 2026	11	15.49	81.96	7.8	33.31	8.1	24.6	1.06
I5	11 Aug 2026	12	15.43	85.06	7.8	33.31	8.1	24.6	1.02
I5	11 Aug 2026	13	15.40	86.61	7.8	33.31	8.1	24.6	1.08
I5	11 Aug 2026	14	15.40	83.82	7.7	33.31	8.1	24.6	1.29
I1	11 Aug 2026	1	22.34	94.36	7.4	33.42	8.1	22.9	0.42
I1	11 Aug 2026	2	22.31	94.42	7.4	33.42	8.1	22.9	0.44
I1	11 Aug 2026	3	22.25	94.10	7.5	33.41	8.1	22.9	0.47
I1	11 Aug 2026	4	22.12	94.36	7.6	33.40	8.1	23.0	0.49
I1	11 Aug 2026	5	21.99	94.11	7.6	33.40	8.2	23.0	0.52
I1	11 Aug 2026	6	21.23	94.01	7.5	33.47	8.2	23.3	0.51

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I1	11 Aug 2026	7	18.24	94.09	8.1	33.45	8.1	24.0	0.51
I1	11 Aug 2026	8	17.50	94.36	8.4	33.35	8.1	24.1	0.50
I1	11 Aug 2026	9	16.92	94.73	8.4	33.33	8.1	24.2	0.51
I1	11 Aug 2026	10	16.65	95.00	8.3	33.29	8.1	24.3	0.55
I1	11 Aug 2026	11	16.41	94.93	8.2	33.29	8.1	24.3	0.63
I1	11 Aug 2026	12	16.03	94.88	8.2	33.29	8.1	24.4	0.67
I1	11 Aug 2026	13	15.81	94.88	8.2	33.28	8.1	24.5	0.71
I1	11 Aug 2026	14	15.68	94.69	8.2	33.28	8.1	24.5	0.78
I1	11 Aug 2026	15	15.65	94.55	8.2	33.30	8.1	24.5	0.86
I1	11 Aug 2026	16	15.63	94.08	8.2	33.30	8.1	24.5	0.95
I1	11 Aug 2026	17	15.50	93.61	8.1	33.32	8.1	24.6	1.00
I1	11 Aug 2026	18	15.30	93.23	8.1	33.32	8.1	24.6	1.10
I1	11 Aug 2026	19	15.13	92.80	8.0	33.33	8.1	24.7	1.19
I1	11 Aug 2026	20	15.03	92.61	7.8	33.32	8.1	24.7	1.28
I1	11 Aug 2026	21	14.74	92.50	7.7	33.35	8.1	24.8	1.47
I1	11 Aug 2026	22	14.62	92.28	7.6	33.33	8.1	24.8	2.11
I1	11 Aug 2026	23	14.60	91.38	7.6	33.33	8.1	24.8	2.18
I1	11 Aug 2026	24	14.55	91.14	7.5	33.34	8.1	24.8	2.18
I1	11 Aug 2026	25	14.47	91.17	7.4	33.34	8.1	24.8	2.21
I1	11 Aug 2026	26	14.42	91.22	7.4	33.34	8.0	24.8	2.16
I1	11 Aug 2026	27	14.35	91.51	7.3	33.34	8.0	24.8	2.11
I1	11 Aug 2026	28	14.26	91.79	7.2	33.35	8.0	24.9	2.10
I1	11 Aug 2026	29	14.12	92.08	7.2	33.35	8.0	24.9	2.09
I1	11 Aug 2026	30	14.06	92.16	7.1	33.35	8.0	24.9	2.15
I1	11 Aug 2026	31	13.92	92.39	7.0	33.35	8.0	24.9	2.06
I1	11 Aug 2026	32	13.85	92.89	6.9	33.36	8.0	25.0	1.94
I1	11 Aug 2026	33	13.82	93.10	6.8	33.36	8.0	25.0	1.78
I1	11 Aug 2026	34	13.76	93.26	6.7	33.36	8.0	25.0	1.70
I1	11 Aug 2026	35	13.72	94.08	6.7	33.37	8.0	25.0	1.61
I1	11 Aug 2026	36	13.69	94.42	6.6	33.37	8.0	25.0	1.56
I1	11 Aug 2026	37	13.64	94.74	6.5	33.37	8.0	25.0	1.53
I1	11 Aug 2026	38	13.54	94.99	6.5	33.38	8.0	25.0	1.48
I1	11 Aug 2026	39	13.42	95.09	6.3	33.39	8.0	25.1	1.39
I1	11 Aug 2026	40	13.34	95.38	6.2	33.39	7.9	25.1	1.21
I1	11 Aug 2026	41	13.31	95.73	6.1	33.39	7.9	25.1	1.16
I1	11 Aug 2026	42	13.23	95.85	6.1	33.39	7.9	25.1	1.15
I1	11 Aug 2026	43	13.17	96.02	6.1	33.40	7.9	25.1	1.09
I1	11 Aug 2026	44	13.06	96.30	6.0	33.41	7.9	25.1	1.03
I1	11 Aug 2026	45	13.01	96.59	5.9	33.41	7.9	25.2	0.96
I1	11 Aug 2026	46	12.98	96.72	5.8	33.41	7.9	25.2	0.92
I1	11 Aug 2026	47	12.93	96.75	5.8	33.41	7.9	25.2	0.90
I1	11 Aug 2026	48	12.88	96.86	5.8	33.42	7.9	25.2	0.88
I1	11 Aug 2026	49	12.87	97.02	5.8	33.41	7.9	25.2	0.85
I1	11 Aug 2026	50	12.87	97.02	5.7	33.41	7.9	25.2	0.85
I1	11 Aug 2026	51	12.87	96.99	5.7	33.41	7.9	25.2	0.86
I1	11 Aug 2026	52	12.87	96.97	5.7	33.41	7.9	25.2	0.83
I1	11 Aug 2026	53	12.87	96.96	5.7	33.41	7.9	25.2	0.81
I1	11 Aug 2026	54	12.87	96.90	5.7	33.41	7.9	25.2	0.81
I1	11 Aug 2026	55	12.87	96.93	5.7	33.42	7.9	25.2	0.81
I1	11 Aug 2026	56	12.87	96.92	5.7	33.42	7.9	25.2	0.84
I1	11 Aug 2026	57	12.86	96.95	5.7	33.42	7.9	25.2	0.80
I1	11 Aug 2026	58	12.84	96.84	5.7	33.42	7.9	25.2	0.78
I1	11 Aug 2026	59	12.83	96.91	5.7	33.42	7.9	25.2	0.78
I1	11 Aug 2026	60	12.77	96.89	5.6	33.43	7.9	25.2	0.78
I2	11 Aug 2026	1	21.53	91.83	8.0	33.37	8.2	23.1	0.40
I2	11 Aug 2026	2	21.52	92.34	8.0	33.37	8.2	23.1	0.41
I2	11 Aug 2026	3	21.46	92.81	8.0	33.37	8.2	23.1	0.42
I2	11 Aug 2026	4	21.43	92.99	7.9	33.38	8.2	23.1	0.39
I2	11 Aug 2026	5	21.37	93.70	7.9	33.38	8.2	23.2	0.35
I2	11 Aug 2026	6	21.25	94.16	7.9	33.39	8.2	23.2	0.35
I2	11 Aug 2026	7	20.85	94.08	7.9	33.39	8.2	23.3	0.36
I2	11 Aug 2026	8	20.00	94.52	7.7	33.43	8.2	23.6	0.35
I2	11 Aug 2026	9	17.33	94.75	8.2	33.40	8.1	24.2	0.38
I2	11 Aug 2026	10	16.62	94.38	8.3	33.31	8.1	24.3	0.40
I2	11 Aug 2026	11	16.09	94.98	8.3	33.30	8.1	24.4	0.45
I2	11 Aug 2026	12	15.72	94.81	8.3	33.28	8.1	24.5	0.52
I2	11 Aug 2026	13	15.35	94.54	8.4	33.29	8.1	24.6	0.59
I2	11 Aug 2026	14	15.03	94.19	8.3	33.29	8.1	24.6	0.74
I2	11 Aug 2026	15	14.91	93.70	8.1	33.30	8.1	24.7	0.88
I2	11 Aug 2026	16	14.66	92.88	8.0	33.32	8.1	24.8	1.01
I2	11 Aug 2026	17	14.49	92.48	7.8	33.33	8.1	24.8	1.26
I2	11 Aug 2026	18	14.33	91.52	7.7	33.33	8.1	24.8	1.45
I2	11 Aug 2026	19	14.19	90.42	7.5	33.34	8.1	24.9	1.74

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I2	11 Aug 2026	20	14.11	88.79	7.3	33.34	8.0	24.9	2.35
I2	11 Aug 2026	21	14.07	88.35	7.2	33.34	8.0	24.9	2.78
I2	11 Aug 2026	22	14.02	86.99	7.0	33.34	8.0	24.9	2.98
I2	11 Aug 2026	23	14.00	86.72	6.9	33.35	8.0	24.9	2.81
I2	11 Aug 2026	24	13.98	87.45	6.8	33.35	8.0	24.9	2.52
I2	11 Aug 2026	25	13.94	88.69	6.7	33.35	8.0	24.9	2.35
I2	11 Aug 2026	26	13.90	89.69	6.7	33.36	8.0	24.9	2.24
I2	11 Aug 2026	27	13.88	89.99	6.6	33.36	8.0	24.9	2.02
I2	11 Aug 2026	28	13.85	90.51	6.5	33.36	8.0	25.0	1.87
I2	11 Aug 2026	29	13.72	91.69	6.4	33.37	8.0	25.0	1.67
I2	11 Aug 2026	30	13.62	92.72	6.3	33.37	8.0	25.0	1.63
I2	11 Aug 2026	31	13.54	92.99	6.2	33.38	8.0	25.0	1.63
I2	11 Aug 2026	32	13.50	93.25	6.2	33.37	7.9	25.0	1.62
I6	11 Aug 2026	1	21.25	89.23	7.5	33.23	8.1	23.1	0.62
I6	11 Aug 2026	2	21.09	88.89	7.7	33.36	8.1	23.2	0.63
I6	11 Aug 2026	3	20.16	89.43	7.9	33.42	8.1	23.5	0.57
I6	11 Aug 2026	4	19.67	90.75	8.0	33.44	8.1	23.7	0.51
I6	11 Aug 2026	5	18.36	91.49	8.4	33.48	8.2	24.0	0.44
I6	11 Aug 2026	6	17.72	91.73	8.6	33.40	8.2	24.1	0.31
I6	11 Aug 2026	7	17.37	92.91	8.6	33.37	8.2	24.2	0.24
I6	11 Aug 2026	8	16.86	94.25	8.5	33.36	8.1	24.3	0.24
I6	11 Aug 2026	9	16.23	94.91	8.5	33.36	8.1	24.4	0.23
I6	11 Aug 2026	10	15.81	95.25	8.4	33.35	8.1	24.5	0.22
I6	11 Aug 2026	11	15.60	95.34	8.3	33.32	8.1	24.5	0.22
I6	11 Aug 2026	12	15.56	95.44	8.2	33.31	8.1	24.5	0.24
I6	11 Aug 2026	13	15.51	94.98	8.1	33.31	8.1	24.6	0.30
I6	11 Aug 2026	14	15.44	94.25	8.0	33.31	8.1	24.6	0.45
I6	11 Aug 2026	15	15.35	93.39	7.9	33.32	8.1	24.6	0.53
I6	11 Aug 2026	16	15.28	92.76	7.8	33.31	8.1	24.6	0.54
I6	11 Aug 2026	17	15.21	92.84	7.8	33.31	8.1	24.6	0.55
I6	11 Aug 2026	18	15.18	93.00	7.8	33.32	8.1	24.6	0.58
I6	11 Aug 2026	19	15.16	92.98	7.8	33.32	8.1	24.6	0.61
I6	11 Aug 2026	20	15.10	93.06	7.7	33.32	8.1	24.7	0.62
I6	11 Aug 2026	21	14.72	93.02	7.5	33.35	8.1	24.8	0.66
I6	11 Aug 2026	22	14.46	93.13	7.3	33.35	8.0	24.8	0.92
I6	11 Aug 2026	23	14.41	92.52	7.2	33.34	8.0	24.8	1.18
I6	11 Aug 2026	24	14.39	91.97	7.2	33.33	8.0	24.8	1.29
I6	11 Aug 2026	25	14.38	91.55	7.1	33.33	8.0	24.8	1.29
I6	11 Aug 2026	26	14.38	91.23	7.1	33.34	8.0	24.8	1.29
I9	11 Aug 2026	1	21.70	89.85	7.7	33.39	8.1	23.1	0.51
I9	11 Aug 2026	2	21.59	90.28	7.7	33.38	8.1	23.1	0.49
I9	11 Aug 2026	3	21.22	90.65	7.7	33.40	8.2	23.2	0.48
I9	11 Aug 2026	4	19.44	91.67	8.2	33.42	8.2	23.7	0.42
I9	11 Aug 2026	5	18.50	92.39	8.6	33.37	8.2	23.9	0.30
I9	11 Aug 2026	6	18.02	93.06	8.7	33.34	8.2	24.0	0.27
I9	11 Aug 2026	7	17.66	93.71	8.6	33.34	8.2	24.1	0.29
I9	11 Aug 2026	8	17.18	93.77	8.6	33.33	8.2	24.2	0.29
I9	11 Aug 2026	9	16.59	94.01	8.6	33.34	8.2	24.3	0.28
I9	11 Aug 2026	10	15.95	94.90	8.6	33.33	8.1	24.5	0.26
I9	11 Aug 2026	11	15.39	95.05	8.5	33.31	8.1	24.6	0.27
I9	11 Aug 2026	12	15.17	95.05	8.3	33.30	8.1	24.6	0.28
I9	11 Aug 2026	13	15.06	94.89	8.1	33.30	8.1	24.6	0.30
I9	11 Aug 2026	14	14.97	95.13	8.0	33.30	8.1	24.7	0.32
I9	11 Aug 2026	15	14.93	95.04	7.8	33.31	8.1	24.7	0.36
I9	11 Aug 2026	16	14.90	94.61	7.8	33.32	8.1	24.7	0.41
I9	11 Aug 2026	17	14.89	94.11	7.7	33.32	8.1	24.7	0.45
I9	11 Aug 2026	18	14.85	93.73	7.7	33.32	8.1	24.7	0.52
I9	11 Aug 2026	19	14.80	93.52	7.6	33.32	8.1	24.7	0.55
I9	11 Aug 2026	20	14.72	93.33	7.6	33.33	8.1	24.7	0.62
I9	11 Aug 2026	21	14.68	93.19	7.6	33.33	8.1	24.8	0.71
I9	11 Aug 2026	22	14.60	93.11	7.4	33.33	8.1	24.8	0.80
I9	11 Aug 2026	23	14.49	92.73	7.3	33.34	8.1	24.8	0.88
I9	11 Aug 2026	24	14.49	92.43	7.3	33.34	8.0	24.8	1.01
I9	11 Aug 2026	25	14.34	92.11	7.2	33.35	8.0	24.8	1.09
I9	11 Aug 2026	26	14.11	91.69	7.0	33.36	8.0	24.9	1.38
I9	11 Aug 2026	27	13.99	91.14	6.8	33.36	8.0	24.9	1.86
I9	11 Aug 2026	28	13.88	91.06	6.6	33.36	8.0	24.9	1.78
I9	11 Aug 2026	29	13.86	92.13	6.5	33.35	8.0	24.9	1.44
I11	11 Aug 2026	1	21.04	89.12	8.0	33.31	8.1	23.2	0.71
I11	11 Aug 2026	2	20.73	88.94	7.9	33.35	8.2	23.3	0.70
I11	11 Aug 2026	3	19.90	89.10	8.1	33.36	8.1	23.5	0.65

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I11	11 Aug 2026	4	19.59	89.73	8.1	33.34	8.1	23.6	0.63
I11	11 Aug 2026	5	19.09	90.60	8.2	33.35	8.1	23.7	0.70
I11	11 Aug 2026	6	18.42	90.61	8.4	33.34	8.1	23.9	0.76
I11	11 Aug 2026	7	17.91	90.82	8.4	33.33	8.1	24.0	0.77
I11	11 Aug 2026	8	17.40	90.00	8.2	33.33	8.1	24.1	0.90
I11	11 Aug 2026	9	16.81	87.54	8.2	33.33	8.1	24.3	1.20
I11	11 Aug 2026	10	16.30	84.10	8.2	33.32	8.1	24.4	1.38
I11	11 Aug 2026	11	16.08	85.36	7.8	33.31	8.1	24.4	1.55
I11	11 Aug 2026	12	15.91	84.66	7.5	33.31	8.1	24.5	1.86
I11	11 Aug 2026	13	15.88	81.99	7.3	33.31	8.1	24.5	1.10
I10	11 Aug 2026	1	21.21	89.90	7.8	33.37	8.1	23.2	0.52
I10	11 Aug 2026	2	20.94	89.98	7.8	33.38	8.1	23.3	0.52
I10	11 Aug 2026	3	20.18	90.76	8.1	33.38	8.1	23.5	0.51
I10	11 Aug 2026	4	19.33	91.14	8.2	33.38	8.1	23.7	0.45
I10	11 Aug 2026	5	18.18	91.72	8.4	33.35	8.1	24.0	0.41
I10	11 Aug 2026	6	17.89	92.03	8.5	33.32	8.1	24.0	0.38
I10	11 Aug 2026	7	17.69	92.09	8.5	33.32	8.1	24.1	0.40
I10	11 Aug 2026	8	17.29	91.99	8.4	33.32	8.1	24.2	0.43
I10	11 Aug 2026	9	17.21	92.05	8.4	33.31	8.1	24.2	0.47
I10	11 Aug 2026	10	17.00	91.99	8.3	33.32	8.1	24.2	0.56
I10	11 Aug 2026	11	16.71	91.54	8.3	33.32	8.1	24.3	0.63
I10	11 Aug 2026	12	16.39	90.98	8.1	33.32	8.1	24.4	0.78
I10	11 Aug 2026	13	15.67	91.16	7.9	33.34	8.1	24.5	0.82
I10	11 Aug 2026	14	15.42	90.82	7.7	33.32	8.1	24.6	0.93
I10	11 Aug 2026	15	15.23	89.77	7.6	33.31	8.1	24.6	1.08
I10	11 Aug 2026	16	14.99	89.32	7.5	33.33	8.1	24.7	1.07
I10	11 Aug 2026	17	14.83	89.67	7.4	33.33	8.0	24.7	1.13
I10	11 Aug 2026	18	14.67	89.39	7.3	33.32	8.0	24.7	1.32
I10	11 Aug 2026	19	14.66	89.04	7.3	33.32	8.0	24.8	1.41
I7	11 Aug 2026	1	22.07	94.62	7.6	33.40	8.1	23.0	0.43
I7	11 Aug 2026	2	22.13	94.65	7.5	33.40	8.1	23.0	0.42
I7	11 Aug 2026	3	21.96	94.70	7.6	33.40	8.1	23.0	0.42
I7	11 Aug 2026	4	21.80	94.74	7.7	33.39	8.1	23.1	0.44
I7	11 Aug 2026	5	21.59	94.74	7.8	33.39	8.1	23.1	0.47
I7	11 Aug 2026	6	21.03	94.41	7.9	33.38	8.1	23.3	0.53
I7	11 Aug 2026	7	20.59	94.13	8.1	33.37	8.1	23.4	0.58
I7	11 Aug 2026	8	19.84	94.18	8.0	33.38	8.1	23.6	0.60
I7	11 Aug 2026	9	18.35	94.08	8.2	33.38	8.1	23.9	0.55
I7	11 Aug 2026	10	17.48	94.23	8.3	33.34	8.1	24.1	0.50
I7	11 Aug 2026	11	16.70	94.45	8.4	33.31	8.1	24.3	0.51
I7	11 Aug 2026	12	16.15	94.72	8.4	33.29	8.1	24.4	0.53
I7	11 Aug 2026	13	15.90	94.77	8.4	33.28	8.1	24.4	0.54
I7	11 Aug 2026	14	15.64	94.74	8.3	33.27	8.1	24.5	0.59
I7	11 Aug 2026	15	15.42	94.63	8.3	33.27	8.1	24.6	0.65
I7	11 Aug 2026	16	15.26	94.58	8.3	33.28	8.1	24.6	0.78
I7	11 Aug 2026	17	15.17	94.50	8.3	33.28	8.1	24.6	0.90
I7	11 Aug 2026	18	15.14	94.23	8.3	33.28	8.1	24.6	0.96
I7	11 Aug 2026	19	15.12	94.03	8.3	33.28	8.1	24.6	0.99
I7	11 Aug 2026	20	14.96	93.84	8.2	33.29	8.1	24.7	1.09
I7	11 Aug 2026	21	14.72	93.64	7.9	33.32	8.1	24.7	1.41
I7	11 Aug 2026	22	14.36	93.18	7.7	33.33	8.1	24.8	1.87
I7	11 Aug 2026	23	14.33	92.12	7.6	33.33	8.0	24.8	2.06
I7	11 Aug 2026	24	14.33	91.83	7.5	33.33	8.0	24.8	2.03
I7	11 Aug 2026	25	14.32	91.78	7.5	33.33	8.0	24.8	1.98
I7	11 Aug 2026	26	14.29	91.90	7.5	33.33	8.0	24.8	1.95
I7	11 Aug 2026	27	14.23	92.09	7.4	33.34	8.0	24.9	2.01
I7	11 Aug 2026	28	14.08	92.25	7.3	33.34	8.0	24.9	2.05
I7	11 Aug 2026	29	14.02	92.26	7.2	33.34	8.0	24.9	2.15
I7	11 Aug 2026	30	14.00	92.17	7.2	33.34	8.0	24.9	2.22
I7	11 Aug 2026	31	13.96	92.12	7.1	33.34	8.0	24.9	2.18
I7	11 Aug 2026	32	13.93	92.17	7.1	33.35	8.0	24.9	2.20
I7	11 Aug 2026	33	13.87	92.32	7.0	33.35	8.0	24.9	2.13
I7	11 Aug 2026	34	13.71	92.65	6.8	33.36	8.0	25.0	1.95
I7	11 Aug 2026	35	13.53	93.20	6.5	33.37	8.0	25.0	1.71
I7	11 Aug 2026	36	13.48	93.86	6.4	33.36	8.0	25.0	1.57
I7	11 Aug 2026	37	13.39	94.47	6.3	33.37	7.9	25.1	1.57
I7	11 Aug 2026	38	13.28	94.71	6.1	33.38	7.9	25.1	1.46
I7	11 Aug 2026	39	13.14	95.07	6.0	33.39	7.9	25.1	1.31
I7	11 Aug 2026	40	13.11	95.29	6.0	33.38	7.9	25.1	1.16
I7	11 Aug 2026	41	13.07	95.86	5.9	33.39	7.9	25.1	1.03
I7	11 Aug 2026	42	13.05	96.14	5.9	33.39	7.9	25.1	1.03
I7	11 Aug 2026	43	12.99	96.30	5.8	33.40	7.9	25.2	0.95

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I7	11 Aug 2026	44	12.97	96.40	5.8	33.40	7.9	25.2	0.87
I7	11 Aug 2026	45	12.92	96.41	5.7	33.40	7.9	25.2	0.86
I7	11 Aug 2026	46	12.87	96.42	5.7	33.42	7.9	25.2	0.80
I7	11 Aug 2026	47	12.74	96.64	5.6	33.43	7.9	25.2	0.69
I7	11 Aug 2026	48	12.68	96.66	5.5	33.44	7.9	25.2	0.62
I7	11 Aug 2026	49	12.61	96.65	5.4	33.45	7.9	25.3	0.60
I7	11 Aug 2026	50	12.56	96.54	5.3	33.46	7.8	25.3	0.55
I7	11 Aug 2026	51	12.53	96.42	5.3	33.46	7.8	25.3	0.55
I8	11 Aug 2026	1	21.91	92.45	7.4	33.39	8.1	23.0	0.31
I8	11 Aug 2026	2	21.81	93.27	7.4	33.39	8.1	23.0	0.30
I8	11 Aug 2026	3	21.73	93.97	7.4	33.40	8.1	23.1	0.31
I8	11 Aug 2026	4	20.46	94.52	7.9	33.40	8.1	23.4	0.29
I8	11 Aug 2026	5	19.11	94.66	8.1	33.39	8.1	23.8	0.28
I8	11 Aug 2026	6	18.32	94.79	8.3	33.36	8.1	23.9	0.29
I8	11 Aug 2026	7	17.41	95.01	8.4	33.34	8.1	24.1	0.27
I8	11 Aug 2026	8	16.77	94.95	8.3	33.32	8.1	24.3	0.28
I8	11 Aug 2026	9	16.06	94.77	8.3	33.29	8.1	24.4	0.33
I8	11 Aug 2026	10	15.68	94.33	8.3	33.28	8.1	24.5	0.43
I8	11 Aug 2026	11	15.34	93.82	8.3	33.28	8.1	24.6	0.50
I8	11 Aug 2026	12	15.06	93.81	8.4	33.28	8.1	24.6	0.54
I8	11 Aug 2026	13	14.88	93.58	8.4	33.29	8.1	24.7	0.63
I8	11 Aug 2026	14	14.84	93.60	8.3	33.29	8.1	24.7	0.73
I8	11 Aug 2026	15	14.78	93.11	8.3	33.29	8.1	24.7	0.78
I8	11 Aug 2026	16	14.75	92.79	8.3	33.30	8.1	24.7	0.83
I8	11 Aug 2026	17	14.71	92.79	8.2	33.30	8.1	24.7	0.91
I8	11 Aug 2026	18	14.65	92.55	8.2	33.30	8.1	24.7	0.99
I8	11 Aug 2026	19	14.58	92.44	8.2	33.30	8.1	24.8	1.06
I8	11 Aug 2026	20	14.56	91.47	8.1	33.31	8.1	24.8	1.16
I8	11 Aug 2026	21	14.43	92.21	8.0	33.32	8.1	24.8	1.25
I8	11 Aug 2026	22	14.25	92.16	7.9	33.32	8.1	24.8	1.28
I8	11 Aug 2026	23	14.21	92.09	7.9	33.32	8.1	24.8	1.35
I8	11 Aug 2026	24	14.15	91.91	7.8	33.32	8.1	24.9	1.48
I8	11 Aug 2026	25	14.04	91.59	7.6	33.33	8.1	24.9	1.93
I8	11 Aug 2026	26	14.01	89.28	7.2	33.35	8.0	24.9	3.29
I8	11 Aug 2026	27	13.97	89.79	7.0	33.36	8.0	24.9	3.21
I8	11 Aug 2026	28	13.92	89.34	6.8	33.36	8.0	24.9	2.70
I8	11 Aug 2026	29	13.83	90.08	6.7	33.36	8.0	25.0	2.19
I8	11 Aug 2026	30	13.76	90.59	6.6	33.36	8.0	25.0	1.91
I8	11 Aug 2026	31	13.69	91.45	6.4	33.36	8.0	25.0	1.89
I8	11 Aug 2026	32	13.59	93.02	6.3	33.37	8.0	25.0	1.73
I8	11 Aug 2026	33	13.47	93.34	6.3	33.38	8.0	25.0	1.69
I8	11 Aug 2026	34	13.40	93.34	6.2	33.38	7.9	25.1	1.64
I8	11 Aug 2026	35	13.38	94.09	6.1	33.38	7.9	25.1	1.54
I8	11 Aug 2026	36	13.38	94.14	6.1	33.38	7.9	25.1	1.47
I12	13 Aug 2026	1	21.65	93.47	7.6	33.41	8.1	23.1	0.36
I12	13 Aug 2026	2	21.64	93.48	7.6	33.41	8.1	23.1	0.37
I12	13 Aug 2026	3	21.43	93.49	7.6	33.41	8.1	23.2	0.38
I12	13 Aug 2026	4	21.18	93.61	7.6	33.41	8.1	23.2	0.42
I12	13 Aug 2026	5	19.83	93.69	8.1	33.40	8.2	23.6	0.48
I12	13 Aug 2026	6	18.91	93.75	8.3	33.36	8.2	23.8	0.52
I12	13 Aug 2026	7	18.68	93.69	8.3	33.34	8.2	23.8	0.57
I12	13 Aug 2026	8	17.76	93.88	8.3	33.34	8.2	24.1	0.56
I12	13 Aug 2026	9	17.13	94.39	8.4	33.31	8.1	24.2	0.44
I12	13 Aug 2026	10	16.95	95.05	8.3	33.30	8.1	24.2	0.40
I12	13 Aug 2026	11	16.26	95.54	8.3	33.31	8.1	24.4	0.36
I12	13 Aug 2026	12	16.25	95.51	8.3	33.30	8.1	24.4	0.35
I12	13 Aug 2026	13	15.89	95.20	8.2	33.33	8.1	24.5	0.38
I12	13 Aug 2026	14	15.64	95.05	8.2	33.31	8.1	24.5	0.40
I12	13 Aug 2026	15	15.60	94.89	8.2	33.32	8.1	24.5	0.44
I12	13 Aug 2026	16	15.50	94.83	8.2	33.32	8.1	24.6	0.48
I12	13 Aug 2026	17	15.41	94.95	8.2	33.32	8.1	24.6	0.50
I12	13 Aug 2026	18	15.15	94.94	8.1	33.33	8.1	24.6	0.51
I12	13 Aug 2026	19	14.99	94.89	8.1	33.33	8.1	24.7	0.58
I12	13 Aug 2026	20	14.76	94.35	7.7	33.33	8.1	24.7	0.67
I12	13 Aug 2026	21	14.74	93.73	7.6	33.33	8.1	24.7	0.75
I12	13 Aug 2026	22	14.74	93.38	7.6	33.33	8.1	24.7	0.79
I12	13 Aug 2026	23	14.73	93.21	7.5	33.33	8.1	24.7	0.84
I12	13 Aug 2026	24	14.71	92.86	7.4	33.34	8.1	24.8	0.87
I12	13 Aug 2026	25	14.70	92.59	7.4	33.34	8.1	24.8	0.90
I12	13 Aug 2026	26	14.68	92.36	7.3	33.34	8.1	24.8	0.93
I12	13 Aug 2026	27	14.67	92.22	7.3	33.34	8.0	24.8	0.94
I12	13 Aug 2026	28	14.66	92.10	7.3	33.34	8.0	24.8	0.97

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I18	13 Aug 2026	1	21.01	92.07	7.8	33.38	8.1	23.3	0.55
I18	13 Aug 2026	2	20.96	92.07	7.8	33.38	8.1	23.3	0.58
I18	13 Aug 2026	3	20.77	92.04	7.8	33.38	8.1	23.3	0.60
I18	13 Aug 2026	4	20.48	92.06	8.0	33.38	8.1	23.4	0.59
I18	13 Aug 2026	5	20.32	92.98	8.0	33.38	8.1	23.4	0.57
I18	13 Aug 2026	6	20.12	93.29	8.0	33.37	8.1	23.5	0.57
I18	13 Aug 2026	7	19.67	93.58	8.1	33.37	8.1	23.6	0.58
I18	13 Aug 2026	8	19.36	93.80	8.1	33.36	8.1	23.7	0.57
I18	13 Aug 2026	9	18.75	93.79	8.2	33.37	8.1	23.8	0.60
I18	13 Aug 2026	10	18.32	93.81	8.3	33.34	8.1	23.9	0.57
I18	13 Aug 2026	11	18.20	93.92	8.3	33.33	8.1	23.9	0.57
I18	13 Aug 2026	12	18.08	93.72	8.2	33.34	8.1	24.0	0.60
I18	13 Aug 2026	13	17.71	93.44	8.3	33.34	8.1	24.1	0.61
I18	13 Aug 2026	14	17.42	93.10	8.3	33.33	8.1	24.1	0.63
I18	13 Aug 2026	15	16.61	92.64	8.2	33.36	8.1	24.3	0.61
I18	13 Aug 2026	16	15.97	93.53	8.0	33.36	8.1	24.5	0.54
I18	13 Aug 2026	17	15.48	92.13	7.8	33.33	8.1	24.6	0.79
I18	13 Aug 2026	18	15.45	90.59	7.6	33.32	8.1	24.6	0.94
I18	13 Aug 2026	19	15.41	89.85	7.5	33.32	8.1	24.6	1.00
I13	13 Aug 2026	1	21.75	93.27	7.5	33.41	8.1	23.1	0.34
I13	13 Aug 2026	2	21.67	93.88	7.6	33.41	8.1	23.1	0.36
I13	13 Aug 2026	3	21.29	93.97	7.7	33.40	8.1	23.2	0.39
I13	13 Aug 2026	4	20.61	93.95	7.8	33.42	8.1	23.4	0.43
I13	13 Aug 2026	5	18.97	93.81	8.2	33.40	8.1	23.8	0.50
I13	13 Aug 2026	6	18.06	93.56	8.4	33.35	8.1	24.0	0.53
I13	13 Aug 2026	7	17.66	93.65	8.4	33.32	8.1	24.1	0.51
I13	13 Aug 2026	8	17.29	93.72	8.5	33.31	8.1	24.1	0.52
I13	13 Aug 2026	9	17.06	93.69	8.5	33.30	8.1	24.2	0.54
I13	13 Aug 2026	10	16.63	93.63	8.5	33.31	8.1	24.3	0.59
I13	13 Aug 2026	11	16.22	93.51	8.5	33.30	8.1	24.4	0.66
I13	13 Aug 2026	12	16.03	93.40	8.5	33.30	8.1	24.4	0.71
I13	13 Aug 2026	13	15.84	93.33	8.4	33.30	8.1	24.5	0.76
I13	13 Aug 2026	14	15.59	93.29	8.4	33.30	8.1	24.5	0.81
I13	13 Aug 2026	15	15.49	93.13	8.4	33.30	8.1	24.6	0.88
I13	13 Aug 2026	16	15.31	93.04	8.4	33.30	8.1	24.6	0.94
I13	13 Aug 2026	17	15.07	93.10	8.3	33.30	8.1	24.6	0.96
I13	13 Aug 2026	18	14.92	93.11	8.3	33.30	8.1	24.7	1.00
I13	13 Aug 2026	19	14.80	93.04	8.2	33.30	8.1	24.7	1.04
I13	13 Aug 2026	20	14.74	92.98	8.2	33.30	8.1	24.7	1.09
I13	13 Aug 2026	21	14.65	92.84	8.2	33.31	8.1	24.7	1.19
I13	13 Aug 2026	22	14.55	92.64	8.0	33.31	8.1	24.8	1.36
I13	13 Aug 2026	23	14.42	92.30	7.9	33.32	8.1	24.8	1.53
I13	13 Aug 2026	24	14.24	91.85	7.6	33.34	8.1	24.9	1.84
I13	13 Aug 2026	25	14.07	91.31	7.3	33.34	8.1	24.9	2.42
I13	13 Aug 2026	26	14.02	90.53	7.2	33.34	8.0	24.9	2.72
I13	13 Aug 2026	27	13.98	90.52	7.0	33.35	8.0	24.9	2.74
I13	13 Aug 2026	28	13.89	90.49	6.8	33.35	8.0	24.9	2.67
I13	13 Aug 2026	29	13.84	91.01	6.6	33.36	8.0	25.0	2.04
I13	13 Aug 2026	30	13.84	91.74	6.5	33.36	8.0	25.0	1.77
I13	13 Aug 2026	31	13.83	92.60	6.5	33.36	8.0	25.0	1.72
I13	13 Aug 2026	32	13.82	92.86	6.5	33.36	8.0	25.0	1.72
I13	13 Aug 2026	33	13.81	92.95	6.5	33.36	8.0	25.0	1.68
I13	13 Aug 2026	34	13.81	92.82	6.5	33.36	8.0	25.0	1.67
I13	13 Aug 2026	35	13.81	92.89	6.4	33.36	8.0	25.0	1.66
I13	13 Aug 2026	36	13.80	93.17	6.4	33.36	8.0	25.0	1.62
I13	13 Aug 2026	37	13.80	93.21	6.4	33.36	8.0	25.0	1.61
I13	13 Aug 2026	38	13.80	93.28	6.4	33.36	8.0	25.0	1.60
I15	13 Aug 2026	1	21.55	93.41	7.5	33.41	8.1	23.1	0.38
I15	13 Aug 2026	2	21.46	93.37	7.6	33.41	8.1	23.2	0.42
I15	13 Aug 2026	3	21.41	93.31	7.5	33.41	8.1	23.2	0.44
I15	13 Aug 2026	4	20.93	93.41	7.7	33.41	8.1	23.3	0.46
I15	13 Aug 2026	5	20.84	93.73	7.8	33.40	8.2	23.3	0.47
I15	13 Aug 2026	6	19.02	93.55	8.2	33.43	8.2	23.8	0.53
I15	13 Aug 2026	7	18.31	93.60	8.4	33.35	8.2	23.9	0.57
I15	13 Aug 2026	8	17.88	93.79	8.4	33.35	8.2	24.0	0.59
I15	13 Aug 2026	9	17.07	94.04	8.3	33.35	8.2	24.2	0.56
I15	13 Aug 2026	10	16.58	94.68	8.3	33.31	8.1	24.3	0.48
I15	13 Aug 2026	11	16.31	95.40	8.3	33.31	8.1	24.4	0.43
I15	13 Aug 2026	12	16.04	95.50	8.3	33.31	8.1	24.4	0.38
I15	13 Aug 2026	13	15.93	95.52	8.3	33.30	8.1	24.5	0.39
I15	13 Aug 2026	14	15.81	95.55	8.2	33.31	8.1	24.5	0.40

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I15	13 Aug 2026	15	15.70	95.37	8.2	33.32	8.1	24.5	0.44
I15	13 Aug 2026	16	15.36	95.07	8.1	33.34	8.1	24.6	0.49
I15	13 Aug 2026	17	15.05	94.76	8.1	33.33	8.1	24.7	0.59
I15	13 Aug 2026	18	14.99	94.63	8.1	33.32	8.1	24.7	0.63
I15	13 Aug 2026	19	14.96	94.57	7.9	33.33	8.1	24.7	0.64
I15	13 Aug 2026	20	14.68	94.43	7.6	33.34	8.1	24.8	0.71
I15	13 Aug 2026	21	14.64	93.30	7.4	33.34	8.1	24.8	0.93
I15	13 Aug 2026	22	14.66	92.50	7.4	33.34	8.1	24.8	1.05
I15	13 Aug 2026	23	14.61	92.29	7.3	33.34	8.1	24.8	1.06
I15	13 Aug 2026	24	14.61	92.16	7.3	33.34	8.1	24.8	1.06
I15	13 Aug 2026	25	14.60	92.27	7.3	33.34	8.0	24.8	1.08
I15	13 Aug 2026	26	14.58	92.33	7.3	33.34	8.0	24.8	1.07
I15	13 Aug 2026	27	14.55	92.19	7.2	33.34	8.0	24.8	1.08
I15	13 Aug 2026	28	14.49	92.00	7.2	33.34	8.0	24.8	1.09
I15	13 Aug 2026	29	14.46	91.91	7.1	33.34	8.0	24.8	1.10
I15	13 Aug 2026	30	14.44	91.69	7.0	33.34	8.0	24.8	1.09
I15	13 Aug 2026	31	14.42	91.78	7.0	33.34	8.0	24.8	1.09
I16	13 Aug 2026	1	21.40	93.55	7.6	33.41	8.1	23.2	0.42
I16	13 Aug 2026	2	21.40	93.38	7.6	33.41	8.1	23.2	0.43
I16	13 Aug 2026	3	21.38	93.43	7.6	33.41	8.1	23.2	0.45
I16	13 Aug 2026	4	21.31	93.50	7.6	33.41	8.1	23.2	0.49
I16	13 Aug 2026	5	20.83	93.52	7.7	33.43	8.1	23.3	0.52
I16	13 Aug 2026	6	19.43	93.84	8.2	33.41	8.1	23.7	0.56
I16	13 Aug 2026	7	18.99	93.99	8.3	33.35	8.1	23.8	0.65
I16	13 Aug 2026	8	18.72	93.90	8.2	33.37	8.1	23.8	0.70
I16	13 Aug 2026	9	17.84	93.94	8.3	33.34	8.1	24.0	0.63
I16	13 Aug 2026	10	17.31	94.41	8.3	33.34	8.1	24.2	0.53
I16	13 Aug 2026	11	16.38	94.95	8.3	33.34	8.1	24.4	0.46
I16	13 Aug 2026	12	16.04	95.26	8.3	33.31	8.1	24.4	0.39
I16	13 Aug 2026	13	15.93	95.42	8.3	33.31	8.1	24.5	0.39
I16	13 Aug 2026	14	15.79	95.39	8.3	33.31	8.1	24.5	0.40
I16	13 Aug 2026	15	15.58	95.13	8.2	33.32	8.1	24.6	0.44
I16	13 Aug 2026	16	15.33	94.81	8.1	33.32	8.1	24.6	0.50
I16	13 Aug 2026	17	15.11	94.54	8.0	33.32	8.1	24.7	0.51
I16	13 Aug 2026	18	14.96	94.37	7.9	33.32	8.1	24.7	0.55
I16	13 Aug 2026	19	14.87	94.12	7.8	33.33	8.1	24.7	0.62
I16	13 Aug 2026	20	14.81	93.61	7.6	33.33	8.1	24.7	0.69
I16	13 Aug 2026	21	14.78	93.31	7.6	33.33	8.1	24.7	0.76
I16	13 Aug 2026	22	14.76	93.14	7.5	33.33	8.1	24.7	0.81
I16	13 Aug 2026	23	14.75	92.96	7.4	33.33	8.1	24.7	0.84
I16	13 Aug 2026	24	14.72	92.82	7.4	33.33	8.1	24.7	0.86
I16	13 Aug 2026	25	14.65	92.64	7.3	33.34	8.0	24.8	0.90
I16	13 Aug 2026	26	14.68	92.35	7.3	33.34	8.0	24.8	0.94
I16	13 Aug 2026	27	14.59	92.17	7.2	33.34	8.0	24.8	0.94
I16	13 Aug 2026	28	14.57	92.07	7.1	33.34	8.0	24.8	0.97
I17	13 Aug 2026	1	21.35	92.79	7.6	33.40	8.1	23.2	0.40
I17	13 Aug 2026	2	21.34	93.42	7.6	33.40	8.1	23.2	0.41
I17	13 Aug 2026	3	21.32	93.54	7.6	33.40	8.1	23.2	0.43
I17	13 Aug 2026	4	21.31	93.49	7.7	33.40	8.1	23.2	0.46
I17	13 Aug 2026	5	21.28	93.39	7.7	33.40	8.1	23.2	0.49
I17	13 Aug 2026	6	21.02	93.28	7.7	33.41	8.1	23.3	0.49
I17	13 Aug 2026	7	20.26	93.67	7.9	33.40	8.2	23.5	0.53
I17	13 Aug 2026	8	19.81	94.11	8.0	33.38	8.2	23.6	0.56
I17	13 Aug 2026	9	18.22	94.12	8.3	33.40	8.2	24.0	0.59
I17	13 Aug 2026	10	17.59	94.20	8.4	33.34	8.2	24.1	0.55
I17	13 Aug 2026	11	17.41	94.38	8.3	33.33	8.1	24.1	0.49
I17	13 Aug 2026	12	16.74	94.83	8.3	33.35	8.1	24.3	0.44
I17	13 Aug 2026	13	16.17	95.15	8.3	33.32	8.1	24.4	0.40
I17	13 Aug 2026	14	15.92	95.30	8.2	33.32	8.1	24.5	0.39
I17	13 Aug 2026	15	15.42	95.31	8.1	33.33	8.1	24.6	0.42
I17	13 Aug 2026	16	15.22	94.87	8.0	33.32	8.1	24.6	0.52
I17	13 Aug 2026	17	15.08	94.14	7.9	33.32	8.1	24.7	0.57
I17	13 Aug 2026	18	15.01	94.12	7.8	33.32	8.1	24.7	0.63
I17	13 Aug 2026	19	14.97	93.74	7.7	33.33	8.1	24.7	0.67
I17	13 Aug 2026	20	14.96	93.63	7.7	33.33	8.1	24.7	0.68
I17	13 Aug 2026	21	14.96	93.46	7.6	33.33	8.1	24.7	0.70
I17	13 Aug 2026	22	14.95	93.37	7.6	33.33	8.1	24.7	0.69
I17	13 Aug 2026	23	14.91	93.33	7.5	33.34	8.1	24.7	0.72
I17	13 Aug 2026	24	14.81	93.14	7.4	33.34	8.1	24.7	0.79
I17	13 Aug 2026	25	14.78	92.82	7.3	33.34	8.1	24.7	0.88
I14	13 Aug 2026	1	21.37	93.19	7.6	33.40	8.1	23.2	0.40

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I14	13 Aug 2026	2	21.36	93.22	7.6	33.41	8.1	23.2	0.43
I14	13 Aug 2026	3	21.34	92.97	7.6	33.41	8.1	23.2	0.46
I14	13 Aug 2026	4	20.97	93.16	7.7	33.42	8.1	23.3	0.47
I14	13 Aug 2026	5	19.65	93.56	8.2	33.39	8.2	23.6	0.50
I14	13 Aug 2026	6	19.25	93.89	8.3	33.37	8.2	23.7	0.57
I14	13 Aug 2026	7	18.79	93.95	8.3	33.34	8.2	23.8	0.59
I14	13 Aug 2026	8	18.21	93.96	8.4	33.34	8.2	24.0	0.60
I14	13 Aug 2026	9	17.88	94.14	8.3	33.34	8.2	24.0	0.57
I14	13 Aug 2026	10	16.93	94.53	8.3	33.33	8.1	24.3	0.53
I14	13 Aug 2026	11	16.19	94.81	8.3	33.33	8.1	24.4	0.46
I14	13 Aug 2026	12	15.79	94.89	8.3	33.31	8.1	24.5	0.37
I14	13 Aug 2026	13	15.64	95.25	8.3	33.31	8.1	24.5	0.40
I14	13 Aug 2026	14	15.51	95.29	8.2	33.32	8.1	24.6	0.43
I14	13 Aug 2026	15	15.24	94.94	8.0	33.32	8.1	24.6	0.50
I14	13 Aug 2026	16	15.11	94.51	7.9	33.32	8.1	24.7	0.57
I14	13 Aug 2026	17	15.03	94.09	7.7	33.32	8.1	24.7	0.63
I14	13 Aug 2026	18	14.85	93.64	7.6	33.32	8.1	24.7	0.68
I14	13 Aug 2026	19	14.78	93.31	7.5	33.32	8.1	24.7	0.77
I14	13 Aug 2026	20	14.71	92.90	7.4	33.31	8.1	24.7	0.86
I14	13 Aug 2026	21	14.67	92.34	7.4	33.32	8.1	24.7	0.91
I14	13 Aug 2026	22	14.66	92.08	7.3	33.32	8.0	24.8	0.93
I14	13 Aug 2026	23	14.64	91.96	7.3	33.33	8.0	24.8	0.93
I14	13 Aug 2026	24	14.62	92.05	7.3	33.33	8.0	24.8	0.93
I14	13 Aug 2026	25	14.61	92.09	7.2	33.34	8.0	24.8	0.94
I14	13 Aug 2026	26	14.59	92.27	7.2	33.34	8.0	24.8	0.96
I14	13 Aug 2026	27	14.53	92.09	7.2	33.34	8.0	24.8	0.93
I14	13 Aug 2026	28	14.52	92.14	7.1	33.34	8.0	24.8	0.91
I23	13 Aug 2026	1	21.20	91.81	7.7	33.37	8.1	23.2	0.56
I23	13 Aug 2026	2	21.09	91.82	7.7	33.39	8.1	23.2	0.58
I23	13 Aug 2026	3	20.59	91.54	7.9	33.38	8.1	23.4	0.62
I23	13 Aug 2026	4	20.07	91.65	8.0	33.39	8.1	23.5	0.65
I23	13 Aug 2026	5	19.24	92.56	8.1	33.38	8.1	23.7	0.62
I23	13 Aug 2026	6	18.99	93.48	8.2	33.34	8.1	23.8	0.59
I23	13 Aug 2026	7	18.83	93.49	8.2	33.34	8.1	23.8	0.59
I23	13 Aug 2026	8	18.68	93.67	8.2	33.34	8.1	23.8	0.58
I23	13 Aug 2026	9	18.47	93.63	8.3	33.34	8.1	23.9	0.57
I23	13 Aug 2026	10	18.13	93.41	8.4	33.33	8.1	24.0	0.59
I23	13 Aug 2026	11	17.91	93.32	8.3	33.34	8.1	24.0	0.62
I23	13 Aug 2026	12	17.61	93.17	8.4	33.33	8.1	24.1	0.61
I23	13 Aug 2026	13	17.27	93.02	8.3	33.33	8.1	24.2	0.62
I23	13 Aug 2026	14	16.97	92.85	8.2	33.34	8.1	24.3	0.64
I23	13 Aug 2026	15	16.21	92.67	8.1	33.35	8.1	24.4	0.69
I23	13 Aug 2026	16	15.71	92.35	7.8	33.34	8.1	24.5	0.85
I23	13 Aug 2026	17	15.65	90.74	7.7	33.33	8.1	24.5	1.09
I23	13 Aug 2026	18	15.52	89.62	7.6	33.32	8.1	24.6	1.09
I23	13 Aug 2026	19	15.53	89.60	7.6	33.32	8.1	24.6	1.13
I23	13 Aug 2026	20	15.53	89.31	7.6	33.33	8.1	24.6	1.14
I23	13 Aug 2026	21	15.51	89.73	7.5	33.33	8.1	24.6	1.13
I22	13 Aug 2026	1	21.35	92.67	7.6	33.40	8.1	23.2	0.60
I22	13 Aug 2026	2	21.36	92.48	7.6	33.40	8.1	23.2	0.60
I22	13 Aug 2026	3	21.33	92.50	7.6	33.40	8.1	23.2	0.60
I22	13 Aug 2026	4	20.98	92.63	7.6	33.41	8.1	23.3	0.63
I22	13 Aug 2026	5	20.16	92.97	8.0	33.39	8.1	23.5	0.59
I22	13 Aug 2026	6	19.61	93.27	8.1	33.40	8.1	23.6	0.62
I22	13 Aug 2026	7	18.78	93.82	8.3	33.36	8.1	23.8	0.62
I22	13 Aug 2026	8	18.50	94.03	8.3	33.35	8.1	23.9	0.60
I22	13 Aug 2026	9	17.82	94.01	8.4	33.34	8.1	24.0	0.59
I22	13 Aug 2026	10	17.69	93.85	8.4	33.33	8.1	24.1	0.54
I22	13 Aug 2026	11	17.35	93.69	8.3	33.34	8.1	24.2	0.55
I22	13 Aug 2026	12	16.92	93.53	8.3	33.35	8.1	24.3	0.54
I22	13 Aug 2026	13	16.47	93.85	8.3	33.34	8.1	24.4	0.47
I22	13 Aug 2026	14	15.96	94.46	8.2	33.34	8.1	24.5	0.47
I22	13 Aug 2026	15	15.45	94.47	8.0	33.26	8.1	24.5	0.53
I22	13 Aug 2026	16	15.06	93.87	7.8	33.22	8.1	24.6	0.68
I22	13 Aug 2026	17	15.08	92.83	7.7	33.27	8.1	24.6	0.72
I22	13 Aug 2026	18	14.83	92.38	7.5	33.32	8.1	24.7	0.77
I22	13 Aug 2026	19	14.76	92.50	7.4	33.33	8.0	24.7	0.87
I22	13 Aug 2026	20	14.75	92.44	7.3	33.33	8.0	24.7	0.91
I22	13 Aug 2026	21	14.73	92.25	7.3	33.33	8.0	24.7	0.91
I22	13 Aug 2026	22	14.71	92.21	7.3	33.33	8.0	24.8	0.92
I22	13 Aug 2026	23	14.68	92.21	7.3	33.34	8.0	24.8	0.94
I22	13 Aug 2026	24	14.64	92.15	7.2	33.34	8.0	24.8	0.91

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I22	13 Aug 2026	25	14.62	92.09	7.2	33.34	8.0	24.8	0.93
I22	13 Aug 2026	26	14.61	92.21	7.1	33.34	8.0	24.8	0.93
I22	13 Aug 2026	27	14.58	92.28	7.1	33.34	8.0	24.8	0.93
I22	13 Aug 2026	28	14.58	92.10	7.1	33.34	8.0	24.8	0.96
I20	13 Aug 2026	1	21.87	92.85	7.3	33.42	8.1	23.1	0.53
I20	13 Aug 2026	2	21.87	92.78	7.3	33.44	8.1	23.1	0.53
I20	13 Aug 2026	3	21.40	93.65	7.6	33.45	8.1	23.2	0.52
I20	13 Aug 2026	4	21.09	93.90	7.6	33.46	8.1	23.3	0.51
I20	13 Aug 2026	5	19.45	94.03	8.0	33.50	8.1	23.8	0.50
I20	13 Aug 2026	6	18.36	94.09	8.4	33.41	8.1	24.0	0.52
I20	13 Aug 2026	7	17.85	94.08	8.5	33.37	8.1	24.1	0.56
I20	13 Aug 2026	8	17.45	94.12	8.5	33.34	8.1	24.1	0.58
I20	13 Aug 2026	9	17.31	94.31	8.4	33.33	8.1	24.2	0.60
I20	13 Aug 2026	10	17.19	94.58	8.4	33.32	8.1	24.2	0.66
I20	13 Aug 2026	11	17.02	94.64	8.3	33.34	8.1	24.2	0.68
I20	13 Aug 2026	12	16.63	94.63	8.2	33.34	8.1	24.3	0.72
I20	13 Aug 2026	13	16.40	94.77	8.2	33.33	8.1	24.4	0.72
I20	13 Aug 2026	14	16.11	94.70	8.2	33.31	8.1	24.4	0.77
I20	13 Aug 2026	15	16.16	94.56	8.2	33.31	8.1	24.4	0.81
I20	13 Aug 2026	16	15.75	94.37	8.2	33.34	8.1	24.5	0.84
I20	13 Aug 2026	17	15.62	93.93	8.2	33.32	8.1	24.5	1.00
I20	13 Aug 2026	18	15.59	93.67	8.2	33.32	8.1	24.5	1.02
I20	13 Aug 2026	19	15.52	93.47	8.2	33.32	8.1	24.6	1.03
I20	13 Aug 2026	20	15.44	93.41	8.1	33.32	8.1	24.6	1.05
I20	13 Aug 2026	21	15.27	93.38	8.1	33.33	8.1	24.6	1.07
I20	13 Aug 2026	22	15.00	93.30	8.0	33.33	8.1	24.7	1.14
I20	13 Aug 2026	23	14.83	93.24	8.0	33.32	8.1	24.7	1.26
I20	13 Aug 2026	24	14.78	92.99	7.9	33.32	8.1	24.7	1.40
I20	13 Aug 2026	25	14.52	92.60	7.8	33.33	8.1	24.8	1.66
I20	13 Aug 2026	26	14.46	92.25	7.7	33.33	8.1	24.8	2.03
I20	13 Aug 2026	27	14.34	91.30	7.5	33.34	8.0	24.8	2.29
I20	13 Aug 2026	28	14.14	90.89	7.2	33.35	8.0	24.9	2.39
I20	13 Aug 2026	29	14.10	91.55	7.1	33.34	8.0	24.9	2.22
I20	13 Aug 2026	30	14.00	92.50	6.9	33.35	8.0	24.9	2.03
I20	13 Aug 2026	31	13.81	93.04	6.8	33.37	8.0	25.0	1.85
I20	13 Aug 2026	32	13.70	93.87	6.7	33.36	8.0	25.0	1.50
I20	13 Aug 2026	33	13.69	94.82	6.6	33.36	8.0	25.0	1.44
I20	13 Aug 2026	34	13.60	95.00	6.5	33.37	8.0	25.0	1.41
I20	13 Aug 2026	35	13.47	95.33	6.3	33.37	7.9	25.0	1.27
I20	13 Aug 2026	36	13.44	95.63	6.2	33.37	7.9	25.0	1.19
I20	13 Aug 2026	37	13.41	95.55	6.2	33.38	7.9	25.1	1.15
I20	13 Aug 2026	38	13.30	95.76	6.1	33.39	7.9	25.1	1.06
I20	13 Aug 2026	39	13.28	95.95	6.0	33.39	7.9	25.1	0.95
I20	13 Aug 2026	40	13.28	95.95	6.0	33.39	7.9	25.1	0.97
I20	13 Aug 2026	41	13.23	96.04	5.9	33.39	7.9	25.1	0.91
I20	13 Aug 2026	42	13.21	96.07	5.9	33.39	7.9	25.1	0.91
I20	13 Aug 2026	43	13.19	96.09	5.8	33.39	7.9	25.1	0.90
I20	13 Aug 2026	44	13.12	96.15	5.8	33.40	7.9	25.1	0.87
I20	13 Aug 2026	45	13.05	96.22	5.7	33.40	7.9	25.1	0.80
I20	13 Aug 2026	46	13.03	96.40	5.7	33.41	7.9	25.2	0.76
I20	13 Aug 2026	47	12.93	96.30	5.6	33.42	7.9	25.2	0.73
I20	13 Aug 2026	48	12.85	96.52	5.6	33.42	7.9	25.2	0.72
I20	13 Aug 2026	49	12.79	96.52	5.5	33.43	7.9	25.2	0.62
I20	13 Aug 2026	50	12.72	96.58	5.4	33.43	7.8	25.2	0.60
I20	13 Aug 2026	51	12.70	96.57	5.4	33.43	7.8	25.2	0.57
I20	13 Aug 2026	52	12.69	96.52	5.4	33.43	7.8	25.2	0.56
I20	13 Aug 2026	53	12.66	96.54	5.4	33.44	7.8	25.2	0.54
I20	13 Aug 2026	54	12.61	96.35	5.3	33.44	7.8	25.3	0.54
I20	13 Aug 2026	55	12.59	96.45	5.2	33.45	7.8	25.3	0.54
I21	13 Aug 2026	1	21.35	92.90	7.6	33.42	8.1	23.2	0.61
I21	13 Aug 2026	2	21.34	93.15	7.6	33.42	8.1	23.2	0.61
I21	13 Aug 2026	3	21.31	93.25	7.7	33.41	8.1	23.2	0.62
I21	13 Aug 2026	4	21.27	93.29	7.7	33.41	8.1	23.2	0.60
I21	13 Aug 2026	5	20.88	93.51	7.7	33.42	8.1	23.3	0.60
I21	13 Aug 2026	6	20.07	93.55	8.0	33.39	8.1	23.5	0.60
I21	13 Aug 2026	7	19.83	93.48	8.1	33.38	8.1	23.6	0.64
I21	13 Aug 2026	8	19.40	93.41	8.1	33.39	8.1	23.7	0.61
I21	13 Aug 2026	9	17.97	93.58	8.3	33.39	8.1	24.0	0.61
I21	13 Aug 2026	10	17.18	93.74	8.5	33.33	8.1	24.2	0.61
I21	13 Aug 2026	11	17.05	94.05	8.5	33.30	8.1	24.2	0.61
I21	13 Aug 2026	12	16.94	94.06	8.4	33.31	8.1	24.2	0.62
I21	13 Aug 2026	13	16.75	94.01	8.4	33.31	8.1	24.3	0.63

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I21	13 Aug 2026	14	16.67	93.96	8.4	33.30	8.1	24.3	0.64
I21	13 Aug 2026	15	16.50	93.91	8.4	33.32	8.1	24.3	0.64
I21	13 Aug 2026	16	16.14	93.89	8.5	33.32	8.1	24.4	0.69
I21	13 Aug 2026	17	15.98	93.70	8.4	33.31	8.1	24.5	0.71
I21	13 Aug 2026	18	15.82	93.52	8.4	33.31	8.1	24.5	0.75
I21	13 Aug 2026	19	15.60	93.39	8.4	33.31	8.1	24.5	0.80
I21	13 Aug 2026	20	15.47	93.33	8.4	33.31	8.1	24.6	0.87
I21	13 Aug 2026	21	15.40	93.31	8.3	33.31	8.1	24.6	0.90
I21	13 Aug 2026	22	15.17	93.31	8.3	33.31	8.1	24.6	0.97
I21	13 Aug 2026	23	15.11	93.22	8.3	33.31	8.1	24.6	1.04
I21	13 Aug 2026	24	14.89	93.15	8.2	33.31	8.1	24.7	1.02
I21	13 Aug 2026	25	14.75	93.20	8.2	33.31	8.1	24.7	1.12
I21	13 Aug 2026	26	14.61	93.18	8.1	33.31	8.1	24.8	1.22
I21	13 Aug 2026	27	14.51	92.85	8.1	33.31	8.1	24.8	1.31
I21	13 Aug 2026	28	14.47	92.68	8.1	33.31	8.1	24.8	1.32
I21	13 Aug 2026	29	14.41	92.66	8.0	33.32	8.1	24.8	1.30
I21	13 Aug 2026	30	14.27	92.57	7.9	33.33	8.1	24.8	1.45
I21	13 Aug 2026	31	14.13	92.38	7.6	33.33	8.1	24.9	1.73
I21	13 Aug 2026	32	13.96	91.14	7.1	33.35	8.0	24.9	2.58
I21	13 Aug 2026	33	13.92	90.26	7.0	33.35	8.0	24.9	2.64
I21	13 Aug 2026	34	13.85	91.18	6.9	33.35	8.0	24.9	2.47
I21	13 Aug 2026	35	13.64	91.88	6.6	33.37	8.0	25.0	2.10
I21	13 Aug 2026	36	13.57	93.03	6.3	33.37	8.0	25.0	1.50
I21	13 Aug 2026	37	13.55	94.12	6.3	33.37	7.9	25.0	1.47
I21	13 Aug 2026	38	13.54	94.30	6.2	33.37	7.9	25.0	1.41
I21	13 Aug 2026	39	13.54	94.54	6.2	33.37	7.9	25.0	1.43
I21	13 Aug 2026	40	13.54	94.61	6.2	33.37	7.9	25.0	1.37
I21	13 Aug 2026	41	13.54	94.59	6.2	33.37	7.9	25.0	1.38
I27	13 Aug 2026	1	20.59	90.63	7.7	33.39	8.1	23.4	0.61
I27	13 Aug 2026	2	20.46	91.59	7.8	33.39	8.1	23.4	0.65
I27	13 Aug 2026	3	20.44	91.72	7.8	33.39	8.1	23.4	0.72
I27	13 Aug 2026	4	20.41	91.29	7.8	33.39	8.1	23.4	0.76
I27	13 Aug 2026	5	19.65	91.19	8.0	33.41	8.1	23.6	0.80
I27	13 Aug 2026	6	19.28	92.17	8.2	33.35	8.1	23.7	0.72
I27	13 Aug 2026	7	18.91	93.03	8.2	33.37	8.1	23.8	0.75
I27	13 Aug 2026	8	18.23	93.14	8.3	33.34	8.1	23.9	0.68
I27	13 Aug 2026	9	17.96	93.89	8.3	33.35	8.1	24.0	0.60
I27	13 Aug 2026	10	16.94	94.41	8.2	33.36	8.1	24.3	0.59
I27	13 Aug 2026	11	16.34	94.30	8.2	33.31	8.1	24.4	0.59
I27	13 Aug 2026	12	15.99	94.22	8.1	33.33	8.1	24.5	0.57
I27	13 Aug 2026	13	15.61	93.81	8.2	33.33	8.1	24.5	0.58
I27	13 Aug 2026	14	15.29	94.51	8.1	33.32	8.1	24.6	0.50
I27	13 Aug 2026	15	15.11	94.50	7.8	33.32	8.1	24.7	0.62
I27	13 Aug 2026	16	15.01	93.94	7.7	33.32	8.1	24.7	0.73
I27	13 Aug 2026	17	14.98	93.25	7.5	33.32	8.0	24.7	0.84
I27	13 Aug 2026	18	14.87	92.79	7.4	33.33	8.0	24.7	0.90
I27	13 Aug 2026	19	14.84	92.32	7.4	33.33	8.0	24.7	1.04
I27	13 Aug 2026	20	14.83	91.97	7.4	33.33	8.0	24.7	1.08
I27	13 Aug 2026	21	14.82	91.64	7.3	33.33	8.0	24.7	1.08
I27	13 Aug 2026	22	14.75	91.51	7.2	33.33	8.0	24.7	1.10
I27	13 Aug 2026	23	14.64	91.25	7.2	33.34	8.0	24.8	1.08
I27	13 Aug 2026	24	14.55	91.85	7.0	33.34	8.0	24.8	0.98
I27	13 Aug 2026	25	14.54	91.99	7.0	33.34	8.0	24.8	1.00
I27	13 Aug 2026	26	14.53	91.61	7.0	33.33	8.0	24.8	1.04
I27	13 Aug 2026	27	14.54	91.29	7.0	33.34	8.0	24.8	1.03
I27	13 Aug 2026	28	14.54	91.15	7.0	33.34	8.0	24.8	1.05
I28	14 Aug 2026	1	20.78	93.28	7.6	33.43	8.1	23.4	0.60
I28	14 Aug 2026	2	20.16	93.41	7.7	33.44	8.1	23.5	0.65
I28	14 Aug 2026	3	19.27	93.06	8.0	33.39	8.1	23.7	0.81
I28	14 Aug 2026	4	19.11	92.96	8.1	33.37	8.1	23.8	0.90
I28	14 Aug 2026	5	18.84	92.87	8.1	33.37	8.1	23.8	0.93
I28	14 Aug 2026	6	18.39	92.59	8.1	33.36	8.1	23.9	1.01
I28	14 Aug 2026	7	18.04	92.81	8.2	33.34	8.1	24.0	0.98
I28	14 Aug 2026	8	17.93	93.11	8.2	33.34	8.1	24.0	1.00
I28	14 Aug 2026	9	17.05	93.12	8.3	33.36	8.1	24.2	1.10
I28	14 Aug 2026	10	16.04	92.70	8.4	33.33	8.1	24.5	1.12
I28	14 Aug 2026	11	15.77	93.09	8.3	33.31	8.1	24.5	0.99
I28	14 Aug 2026	12	15.62	93.52	8.3	33.30	8.1	24.5	1.01
I28	14 Aug 2026	13	15.51	93.51	8.3	33.30	8.1	24.6	1.03
I28	14 Aug 2026	14	15.34	93.66	8.2	33.31	8.1	24.6	1.02
I28	14 Aug 2026	15	15.05	93.60	8.2	33.31	8.1	24.7	1.10
I28	14 Aug 2026	16	14.83	93.48	8.0	33.31	8.1	24.7	1.15

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I28	14 Aug 2026	17	14.54	93.53	7.9	33.32	8.1	24.8	1.41
I28	14 Aug 2026	18	14.51	93.17	7.8	33.32	8.1	24.8	1.68
I28	14 Aug 2026	19	14.45	93.08	7.6	33.33	8.1	24.8	1.76
I28	14 Aug 2026	20	14.36	92.47	7.4	33.33	8.1	24.8	2.13
I28	14 Aug 2026	21	14.26	91.93	7.3	33.34	8.0	24.9	2.27
I28	14 Aug 2026	22	14.04	91.79	7.1	33.35	8.0	24.9	2.04
I28	14 Aug 2026	23	13.93	92.69	6.9	33.35	8.0	24.9	1.75
I28	14 Aug 2026	24	13.88	93.69	6.8	33.35	8.0	24.9	1.50
I28	14 Aug 2026	25	13.85	94.37	6.7	33.35	8.0	24.9	1.43
I28	14 Aug 2026	26	13.80	94.56	6.7	33.36	8.0	25.0	1.43
I28	14 Aug 2026	27	13.74	94.90	6.5	33.36	8.0	25.0	1.36
I28	14 Aug 2026	28	13.69	95.21	6.4	33.37	8.0	25.0	1.22
I28	14 Aug 2026	29	13.65	95.30	6.3	33.37	8.0	25.0	1.20
I28	14 Aug 2026	30	13.62	95.45	6.3	33.37	8.0	25.0	1.20
I28	14 Aug 2026	31	13.61	95.41	6.2	33.37	8.0	25.0	1.18
I28	14 Aug 2026	32	13.59	95.36	6.2	33.37	7.9	25.0	1.13
I28	14 Aug 2026	33	13.58	95.34	6.2	33.37	7.9	25.0	1.10
I28	14 Aug 2026	34	13.58	95.37	6.2	33.37	7.9	25.0	1.10
I28	14 Aug 2026	35	13.57	95.57	6.2	33.37	7.9	25.0	1.07
I28	14 Aug 2026	36	13.55	95.66	6.2	33.37	7.9	25.0	1.00
I28	14 Aug 2026	37	13.50	95.85	6.2	33.37	7.9	25.0	0.95
I28	14 Aug 2026	38	13.49	95.99	6.2	33.37	7.9	25.0	0.97
I28	14 Aug 2026	39	13.48	95.83	6.1	33.37	7.9	25.0	0.97
I28	14 Aug 2026	40	13.45	96.04	6.1	33.38	7.9	25.0	0.97
I28	14 Aug 2026	41	13.41	96.05	6.1	33.38	7.9	25.1	0.91
I28	14 Aug 2026	42	13.30	95.88	6.0	33.39	7.9	25.1	0.85
I28	14 Aug 2026	43	13.19	96.07	6.0	33.39	7.9	25.1	0.80
I28	14 Aug 2026	44	12.99	96.30	5.9	33.41	7.9	25.2	0.78
I28	14 Aug 2026	45	12.92	96.48	5.8	33.40	7.9	25.2	0.77
I28	14 Aug 2026	46	12.85	96.77	5.8	33.41	7.9	25.2	0.72
I28	14 Aug 2026	47	12.80	97.14	5.8	33.41	7.9	25.2	0.69
I28	14 Aug 2026	48	12.80	97.23	5.8	33.41	7.9	25.2	0.69
I28	14 Aug 2026	49	12.78	97.37	5.8	33.41	7.9	25.2	0.68
I28	14 Aug 2026	50	12.78	97.41	5.8	33.41	7.9	25.2	0.68
I28	14 Aug 2026	51	12.75	97.44	5.7	33.42	7.9	25.2	0.69
I28	14 Aug 2026	52	12.57	97.50	5.6	33.45	7.9	25.3	0.61
I28	14 Aug 2026	53	12.49	97.51	5.5	33.45	7.9	25.3	0.54
I28	14 Aug 2026	54	12.44	97.66	5.3	33.47	7.8	25.3	0.49
I28	14 Aug 2026	55	12.44	97.50	5.2	33.47	7.8	25.3	0.47
I29	14 Aug 2026	1	19.97	90.58	7.9	33.40	8.1	23.5	0.79
I29	14 Aug 2026	2	19.77	90.58	7.9	33.38	8.1	23.6	0.83
I29	14 Aug 2026	3	19.54	90.46	8.0	33.38	8.1	23.6	0.91
I29	14 Aug 2026	4	18.85	90.29	8.1	33.38	8.1	23.8	0.96
I29	14 Aug 2026	5	18.33	89.69	8.2	33.37	8.1	23.9	1.20
I29	14 Aug 2026	6	17.92	88.07	8.3	33.34	8.1	24.0	1.32
I29	14 Aug 2026	7	17.43	87.83	8.5	33.34	8.1	24.1	1.18
I29	14 Aug 2026	8	17.17	89.50	8.6	33.33	8.1	24.2	0.95
I29	14 Aug 2026	9	16.90	91.55	8.6	33.33	8.1	24.3	0.88
I29	14 Aug 2026	10	16.66	92.73	8.5	33.32	8.1	24.3	0.83
I29	14 Aug 2026	11	16.28	93.08	8.4	33.31	8.1	24.4	0.81
I29	14 Aug 2026	12	16.14	93.42	8.3	33.30	8.1	24.4	0.73
I29	14 Aug 2026	13	15.95	93.87	8.3	33.30	8.1	24.4	0.72
I29	14 Aug 2026	14	15.85	93.92	8.3	33.30	8.1	24.5	0.73
I29	14 Aug 2026	15	15.72	94.02	8.3	33.30	8.1	24.5	0.75
I29	14 Aug 2026	16	15.46	93.95	8.2	33.32	8.1	24.6	0.79
I29	14 Aug 2026	17	15.16	93.76	8.1	33.32	8.1	24.6	0.88
I29	14 Aug 2026	18	14.97	92.93	8.1	33.33	8.1	24.7	0.92
I29	14 Aug 2026	19	14.80	93.61	7.9	33.33	8.1	24.7	1.00
I29	14 Aug 2026	20	14.57	93.34	7.7	33.34	8.1	24.8	1.18
I29	14 Aug 2026	21	14.52	92.81	7.5	33.34	8.1	24.8	1.24
I29	14 Aug 2026	22	14.49	92.47	7.3	33.34	8.0	24.8	1.24
I29	14 Aug 2026	23	14.45	92.42	7.3	33.34	8.0	24.8	1.23
I29	14 Aug 2026	24	14.41	92.44	7.2	33.34	8.0	24.8	1.25
I29	14 Aug 2026	25	14.39	92.25	7.1	33.34	8.0	24.8	1.25
I29	14 Aug 2026	26	14.33	91.93	7.1	33.34	8.0	24.8	1.28
I29	14 Aug 2026	27	14.31	91.99	7.0	33.35	8.0	24.8	1.33
I29	14 Aug 2026	28	14.19	92.02	7.0	33.35	8.0	24.9	1.38
I29	14 Aug 2026	29	14.17	92.08	6.9	33.35	8.0	24.9	1.45
I29	14 Aug 2026	30	14.17	92.31	6.8	33.35	8.0	24.9	1.39
I29	14 Aug 2026	31	14.13	92.43	6.8	33.35	8.0	24.9	1.35
I29	14 Aug 2026	32	14.11	92.49	6.7	33.35	8.0	24.9	1.35
I29	14 Aug 2026	33	14.06	92.62	6.6	33.35	8.0	24.9	1.33
I29	14 Aug 2026	34	13.96	92.70	6.4	33.36	8.0	24.9	1.23

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I29	14 Aug 2026	35	13.95	92.72	6.3	33.35	8.0	24.9	1.20
I29	14 Aug 2026	36	13.95	92.59	6.3	33.35	8.0	24.9	1.17
I29	14 Aug 2026	37	13.95	92.46	6.3	33.35	8.0	24.9	1.16
I30	14 Aug 2026	1	20.32	91.47	7.8	33.40	8.1	23.5	0.61
I30	14 Aug 2026	2	19.92	91.39	7.8	33.41	8.1	23.6	0.64
I30	14 Aug 2026	3	18.84	90.80	8.2	33.38	8.1	23.8	0.78
I30	14 Aug 2026	4	18.71	91.03	8.3	33.35	8.1	23.8	0.95
I30	14 Aug 2026	5	18.65	90.83	8.3	33.34	8.1	23.8	0.97
I30	14 Aug 2026	6	18.35	90.90	8.3	33.35	8.1	23.9	0.93
I30	14 Aug 2026	7	17.74	91.42	8.4	33.35	8.1	24.1	0.82
I30	14 Aug 2026	8	17.49	92.01	8.4	33.32	8.1	24.1	0.72
I30	14 Aug 2026	9	17.21	93.64	8.3	33.33	8.1	24.2	0.68
I30	14 Aug 2026	10	16.56	94.23	8.2	33.34	8.1	24.3	0.60
I30	14 Aug 2026	11	15.72	94.63	8.0	33.28	8.1	24.5	0.61
I30	14 Aug 2026	12	15.33	94.46	7.9	33.19	8.1	24.5	0.67
I30	14 Aug 2026	13	15.35	92.95	7.9	33.21	8.1	24.5	0.68
I30	14 Aug 2026	14	15.37	92.45	7.9	33.23	8.1	24.5	0.68
I30	14 Aug 2026	15	15.47	93.17	8.0	33.28	8.1	24.5	0.65
I30	14 Aug 2026	16	15.45	93.93	8.0	33.31	8.1	24.6	0.66
I30	14 Aug 2026	17	15.36	94.13	7.8	33.30	8.1	24.6	0.71
I30	14 Aug 2026	18	15.28	93.73	7.7	33.33	8.1	24.6	0.86
I30	14 Aug 2026	19	15.20	92.97	7.6	33.33	8.1	24.6	0.94
I30	14 Aug 2026	20	15.13	92.53	7.6	33.33	8.1	24.7	0.95
I30	14 Aug 2026	21	15.10	92.23	7.6	33.33	8.1	24.7	0.96
I30	14 Aug 2026	22	15.08	92.18	7.6	33.33	8.1	24.7	0.97
I30	14 Aug 2026	23	15.05	91.96	7.5	33.33	8.1	24.7	0.98
I30	14 Aug 2026	24	15.01	92.00	7.5	33.33	8.1	24.7	0.96
I30	14 Aug 2026	25	14.99	92.03	7.5	33.33	8.1	24.7	0.93
I30	14 Aug 2026	26	14.96	92.06	7.4	33.33	8.1	24.7	0.92
I30	14 Aug 2026	27	14.86	91.73	7.4	33.33	8.0	24.7	0.88
I30	14 Aug 2026	28	14.84	90.37	7.3	33.33	8.0	24.7	0.85
I31	14 Aug 2026	1	20.76	91.56	7.7	33.38	8.1	23.3	0.63
I31	14 Aug 2026	2	20.54	91.67	7.7	33.41	8.1	23.4	0.63
I31	14 Aug 2026	3	20.25	91.63	7.8	33.39	8.1	23.5	0.70
I31	14 Aug 2026	4	20.17	91.53	7.8	33.38	8.1	23.5	0.71
I31	14 Aug 2026	5	20.08	91.45	7.8	33.38	8.1	23.5	0.74
I31	14 Aug 2026	6	19.55	91.42	7.9	33.42	8.1	23.7	0.73
I31	14 Aug 2026	7	18.97	91.40	8.1	33.37	8.1	23.8	0.76
I31	14 Aug 2026	8	18.84	91.46	8.1	33.36	8.1	23.8	0.78
I31	14 Aug 2026	9	18.25	91.72	8.2	33.38	8.1	24.0	0.76
I31	14 Aug 2026	10	17.70	91.97	8.2	33.36	8.1	24.1	0.71
I31	14 Aug 2026	11	17.36	92.35	8.3	33.34	8.1	24.2	0.69
I31	14 Aug 2026	12	17.21	92.71	8.4	33.32	8.1	24.2	0.70
I31	14 Aug 2026	13	17.19	92.61	8.4	33.32	8.1	24.2	0.76
I31	14 Aug 2026	14	17.00	92.37	8.1	33.33	8.1	24.2	0.81
I31	14 Aug 2026	15	16.29	91.97	8.0	33.36	8.1	24.4	0.92
I31	14 Aug 2026	16	15.87	90.50	7.8	33.33	8.1	24.5	1.28
I31	14 Aug 2026	17	15.66	88.97	7.7	33.32	8.1	24.5	1.43
I31	14 Aug 2026	18	15.55	88.96	7.6	33.32	8.1	24.6	1.43
I31	14 Aug 2026	19	15.53	85.85	7.6	33.31	8.1	24.6	1.56
I33	14 Aug 2026	1	20.75	85.62	7.6	33.42	8.1	23.4	1.27
I33	14 Aug 2026	2	20.69	85.43	7.5	33.44	8.1	23.4	1.36
I33	14 Aug 2026	3	19.85	83.00	7.6	33.45	8.1	23.6	1.67
I33	14 Aug 2026	4	19.24	81.00	7.7	33.42	8.1	23.8	1.68
I33	14 Aug 2026	5	18.48	80.45	7.9	33.40	8.1	23.9	1.52
I33	14 Aug 2026	6	17.84	81.51	8.1	33.36	8.1	24.1	1.32
I33	14 Aug 2026	7	17.03	83.48	8.3	33.35	8.1	24.2	1.08
I33	14 Aug 2026	8	16.73	87.42	8.4	33.31	8.1	24.3	1.05
I33	14 Aug 2026	9	16.55	88.21	8.4	33.31	8.1	24.3	1.17
I33	14 Aug 2026	10	16.27	87.48	8.4	33.30	8.1	24.4	1.28
I33	14 Aug 2026	11	16.17	86.92	8.3	33.30	8.1	24.4	1.42
I33	14 Aug 2026	12	15.98	86.34	8.3	33.30	8.1	24.4	1.60
I33	14 Aug 2026	13	15.79	85.76	8.1	33.30	8.1	24.5	1.80
I33	14 Aug 2026	14	15.59	86.93	7.9	33.30	8.1	24.5	1.40
I33	14 Aug 2026	15	15.44	90.28	7.8	33.33	8.1	24.6	1.11
I33	14 Aug 2026	16	15.20	91.14	7.7	33.32	8.1	24.6	1.34
I33	14 Aug 2026	17	15.01	91.11	7.6	33.33	8.1	24.7	1.42
I33	14 Aug 2026	18	14.91	91.01	7.5	33.32	8.0	24.7	1.33
I33	14 Aug 2026	19	14.88	91.04	7.4	33.33	8.0	24.7	1.31
I33	14 Aug 2026	20	14.78	90.83	7.2	33.33	8.0	24.7	1.28
I33	14 Aug 2026	21	14.72	90.31	7.1	33.33	8.0	24.7	1.25

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I33	14 Aug 2026	22	14.69	90.16	7.0	33.33	8.0	24.8	1.09
I33	14 Aug 2026	23	14.67	90.25	7.0	33.33	8.0	24.8	1.01
I33	14 Aug 2026	24	14.66	90.38	7.0	33.33	8.0	24.8	0.98
I33	14 Aug 2026	25	14.65	90.55	7.0	33.33	8.0	24.8	0.95
I33	14 Aug 2026	26	14.58	90.80	6.9	33.34	8.0	24.8	0.92
I33	14 Aug 2026	27	14.49	90.91	6.8	33.34	8.0	24.8	0.86
I33	14 Aug 2026	28	14.44	91.00	6.7	33.34	8.0	24.8	0.82
I33	14 Aug 2026	29	14.38	90.78	6.7	33.34	8.0	24.8	0.82
I33	14 Aug 2026	30	14.38	90.39	6.7	33.34	8.0	24.8	0.85
I34	14 Aug 2026	1	21.57	92.41	7.6	33.38	8.1	23.1	0.60
I34	14 Aug 2026	2	21.21	92.30	7.7	33.39	8.1	23.2	0.58
I34	14 Aug 2026	3	20.69	92.85	7.7	33.40	8.1	23.4	0.52
I34	14 Aug 2026	4	19.78	91.98	7.8	33.40	8.1	23.6	0.80
I34	14 Aug 2026	5	18.82	86.13	7.9	33.39	8.1	23.8	1.24
I34	14 Aug 2026	6	18.20	84.19	8.1	33.35	8.1	24.0	1.17
I34	14 Aug 2026	7	17.83	88.21	8.2	33.35	8.1	24.0	0.88
I34	14 Aug 2026	8	16.89	89.89	8.2	33.34	8.1	24.3	0.75
I34	14 Aug 2026	9	16.35	89.40	8.2	33.31	8.1	24.4	1.00
I34	14 Aug 2026	10	16.01	86.04	8.1	33.32	8.1	24.5	1.65
I34	14 Aug 2026	11	15.46	85.37	8.0	33.33	8.1	24.6	1.87
I34	14 Aug 2026	12	15.21	86.00	7.8	33.31	8.1	24.6	1.78
I34	14 Aug 2026	13	15.08	88.29	7.6	33.32	8.1	24.7	1.51
I34	14 Aug 2026	14	14.99	89.30	7.3	33.32	8.0	24.7	1.46
I34	14 Aug 2026	15	14.96	88.22	7.2	33.32	8.0	24.7	1.41
I34	14 Aug 2026	16	14.96	86.89	7.1	33.32	8.0	24.7	1.43
I34	14 Aug 2026	17	14.95	86.42	7.1	33.32	8.0	24.7	1.47
I34	14 Aug 2026	18	14.95	86.23	7.1	33.33	8.0	24.7	1.46
I34	14 Aug 2026	19	14.95	86.14	7.1	33.33	8.0	24.7	1.44
I35	14 Aug 2026	1	21.61	89.17	7.7	33.34	8.1	23.1	0.87
I35	14 Aug 2026	2	20.88	89.52	7.7	33.40	8.1	23.3	0.88
I35	14 Aug 2026	3	19.78	90.83	8.0	33.40	8.1	23.6	0.63
I35	14 Aug 2026	4	18.77	91.63	8.3	33.37	8.1	23.8	0.60
I35	14 Aug 2026	5	18.32	91.91	8.4	33.33	8.1	23.9	0.62
I35	14 Aug 2026	6	17.98	92.71	8.3	33.32	8.1	24.0	0.58
I35	14 Aug 2026	7	17.42	93.22	8.4	33.33	8.1	24.1	0.65
I35	14 Aug 2026	8	17.06	92.40	8.3	33.30	8.1	24.2	0.83
I35	14 Aug 2026	9	16.85	91.45	8.2	33.30	8.1	24.2	0.90
I35	14 Aug 2026	10	16.60	90.40	8.2	33.30	8.1	24.3	0.99
I35	14 Aug 2026	11	16.36	89.79	8.2	33.31	8.1	24.4	1.21
I35	14 Aug 2026	12	16.00	89.36	8.2	33.33	8.1	24.5	1.32
I35	14 Aug 2026	13	15.67	89.88	7.8	33.31	8.1	24.5	1.53
I35	14 Aug 2026	14	15.64	88.80	7.6	33.30	8.1	24.5	1.82
I35	14 Aug 2026	15	15.56	84.88	7.4	33.31	8.1	24.5	1.96
I35	14 Aug 2026	16	15.50	82.42	7.3	33.31	8.1	24.6	2.05
I35	14 Aug 2026	17	15.46	81.58	7.1	33.31	8.0	24.6	1.91
I35	14 Aug 2026	18	15.45	80.29	7.1	33.31	8.0	24.6	1.79
I35	14 Aug 2026	19	15.45	78.85	7.0	33.31	8.0	24.6	1.73
I36	14 Aug 2026	1	22.07	79.69	7.4	33.35	8.2	23.0	2.22
I36	14 Aug 2026	2	22.02	79.82	7.4	33.36	8.2	23.0	2.31
I36	14 Aug 2026	3	21.72	79.58	7.6	33.37	8.2	23.1	2.29
I36	14 Aug 2026	4	21.43	81.25	7.6	33.37	8.1	23.1	1.92
I36	14 Aug 2026	5	21.16	84.78	7.6	33.37	8.1	23.2	1.59
I36	14 Aug 2026	6	20.47	87.10	7.6	33.39	8.1	23.4	1.53
I36	14 Aug 2026	7	19.21	87.55	7.5	33.40	8.1	23.7	1.53
I36	14 Aug 2026	8	18.15	85.52	7.5	33.38	8.1	24.0	1.72
I36	14 Aug 2026	9	17.46	82.47	7.6	33.34	8.1	24.1	1.77
I36	14 Aug 2026	10	17.16	82.18	7.3	33.31	8.1	24.2	1.73
I36	14 Aug 2026	11	16.91	81.06	6.4	33.31	8.0	24.2	1.91
I37	14 Aug 2026	1	22.11	90.74	7.4	33.38	8.1	23.0	0.71
I37	14 Aug 2026	2	21.95	90.83	7.4	33.40	8.1	23.0	0.70
I37	14 Aug 2026	3	20.47	91.15	7.7	33.42	8.1	23.4	0.66
I37	14 Aug 2026	4	19.08	91.37	7.9	33.41	8.1	23.8	0.78
I37	14 Aug 2026	5	18.18	89.60	8.1	33.38	8.1	24.0	1.17
I37	14 Aug 2026	6	17.69	86.89	8.3	33.34	8.1	24.1	1.29
I37	14 Aug 2026	7	17.31	87.00	8.4	33.31	8.1	24.1	0.78
I37	14 Aug 2026	8	17.18	89.58	8.4	33.31	8.1	24.2	0.62
I37	14 Aug 2026	9	17.05	91.65	8.4	33.30	8.1	24.2	0.69
I37	14 Aug 2026	10	16.86	91.52	8.2	33.32	8.1	24.3	0.90
I37	14 Aug 2026	11	16.48	90.12	8.1	33.31	8.1	24.3	1.28
I37	14 Aug 2026	12	16.33	84.81	8.1	33.31	8.1	24.4	1.60

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I38	14 Aug 2026	1	22.43	86.32	7.4	33.40	8.2	22.9	0.84
I38	14 Aug 2026	2	22.42	86.36	7.4	33.40	8.2	22.9	0.89
I38	14 Aug 2026	3	22.34	86.00	7.3	33.40	8.2	22.9	0.97
I38	14 Aug 2026	4	21.83	86.26	7.4	33.40	8.2	23.0	1.03
I38	14 Aug 2026	5	20.72	86.95	7.7	33.41	8.2	23.4	0.95
I38	14 Aug 2026	6	19.08	87.83	8.2	33.41	8.2	23.8	0.87
I38	14 Aug 2026	7	17.98	87.95	8.6	33.35	8.2	24.0	0.80
I38	14 Aug 2026	8	17.49	90.18	8.6	33.32	8.2	24.1	0.69
I38	14 Aug 2026	9	17.14	91.73	8.5	33.31	8.2	24.2	0.57
I38	14 Aug 2026	10	16.87	93.21	8.4	33.30	8.2	24.2	0.53
I38	14 Aug 2026	11	16.69	92.52	8.3	33.29	8.1	24.3	0.99

NA = not available

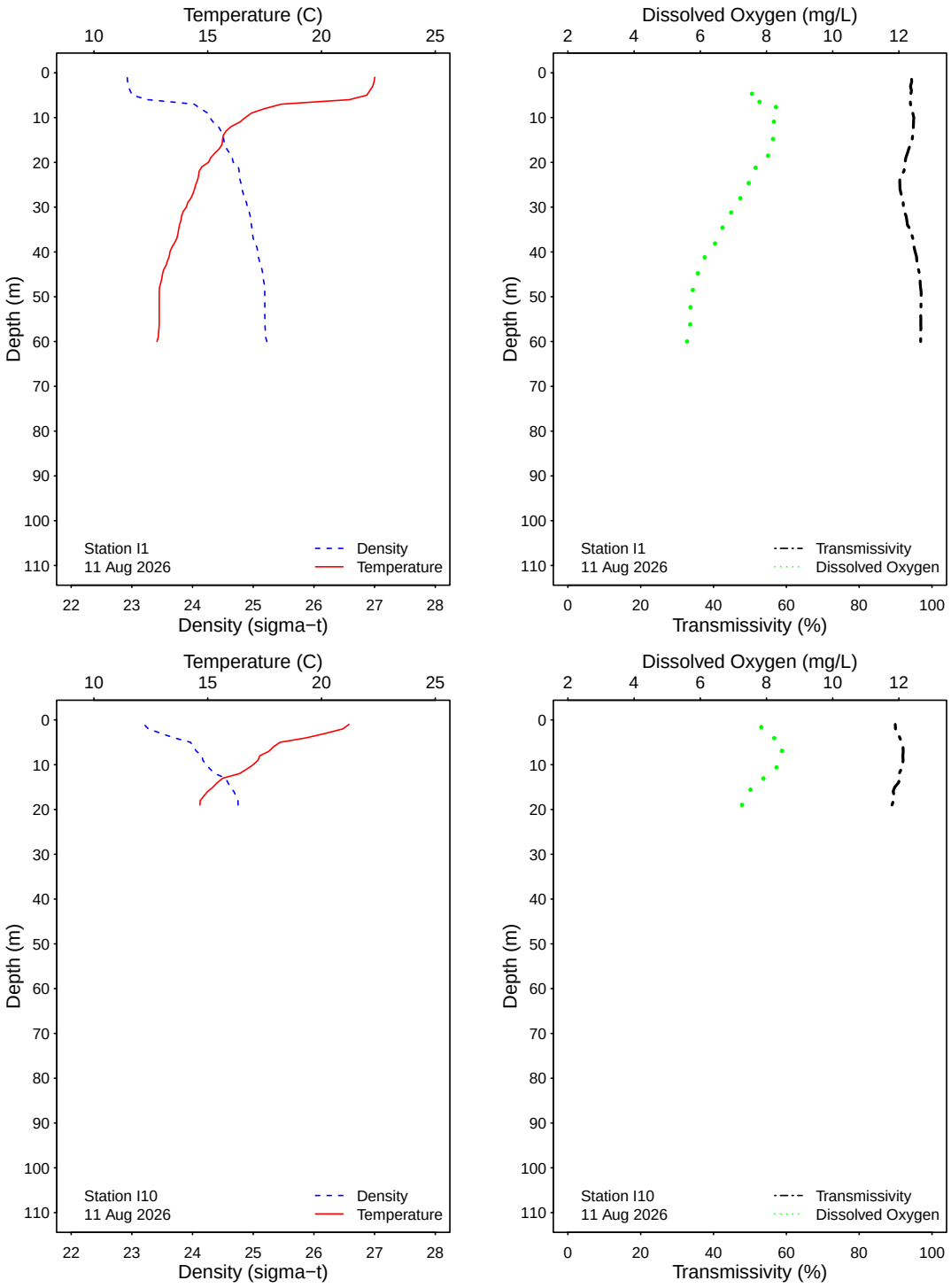


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

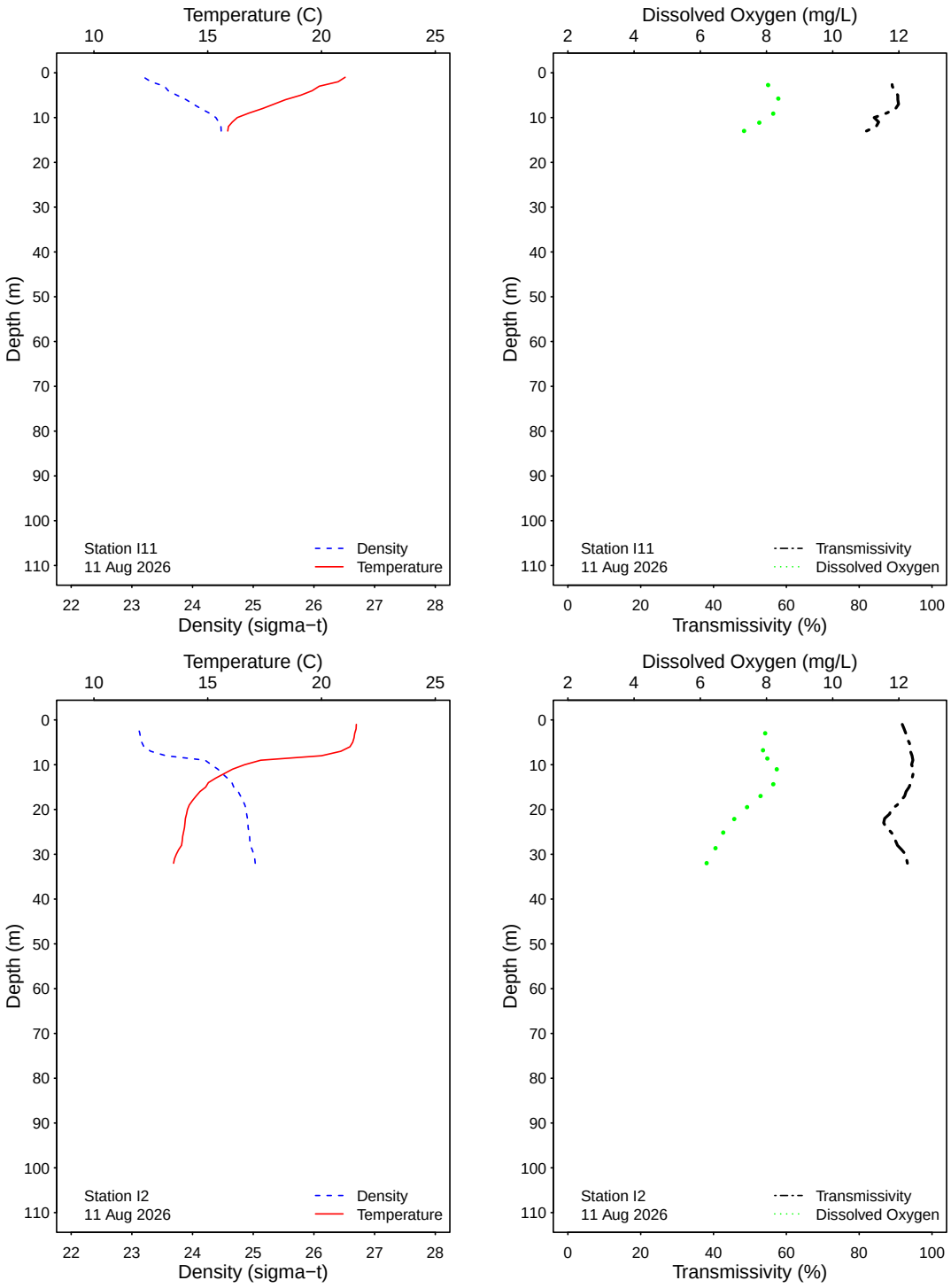


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

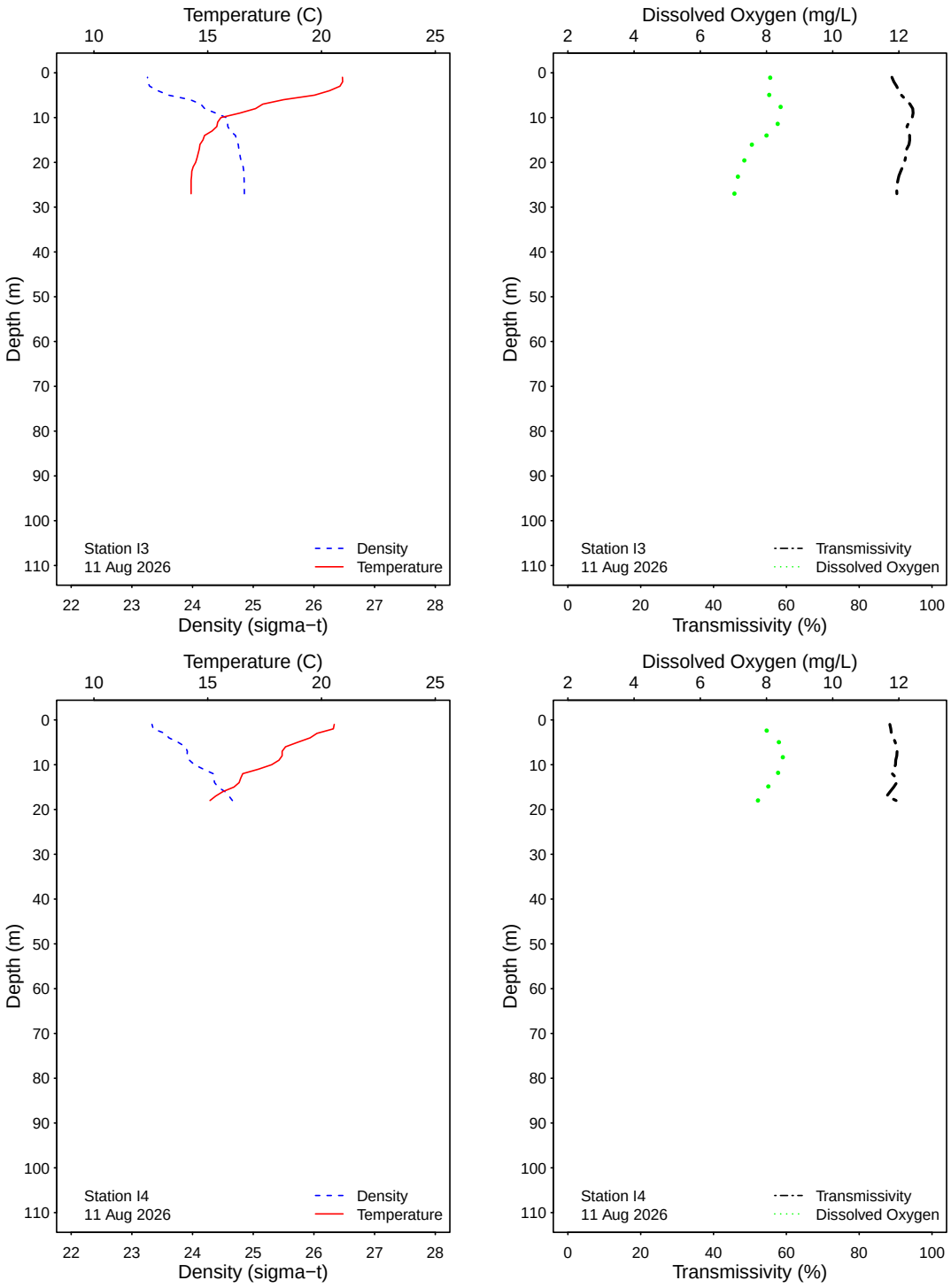


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

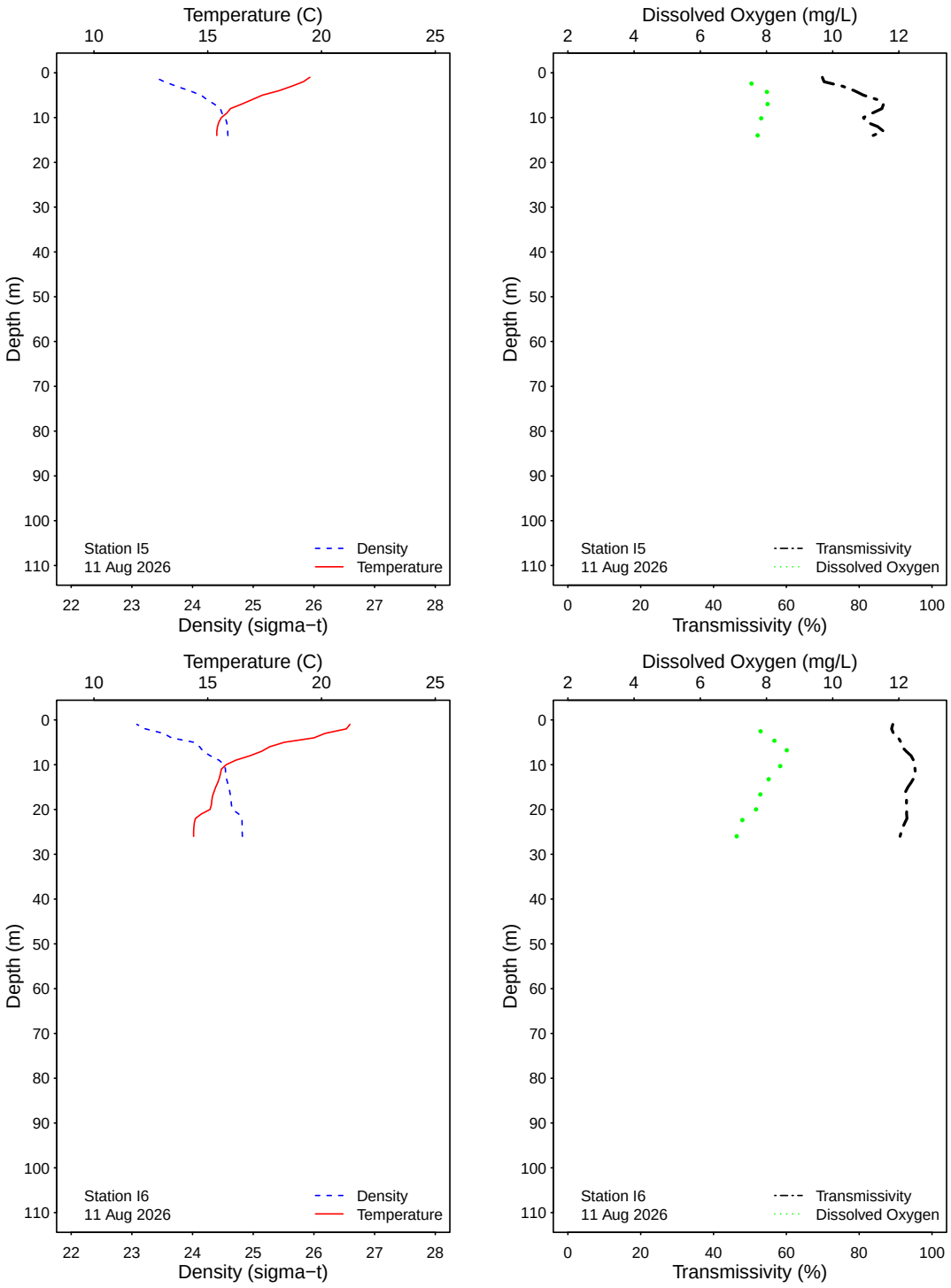


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

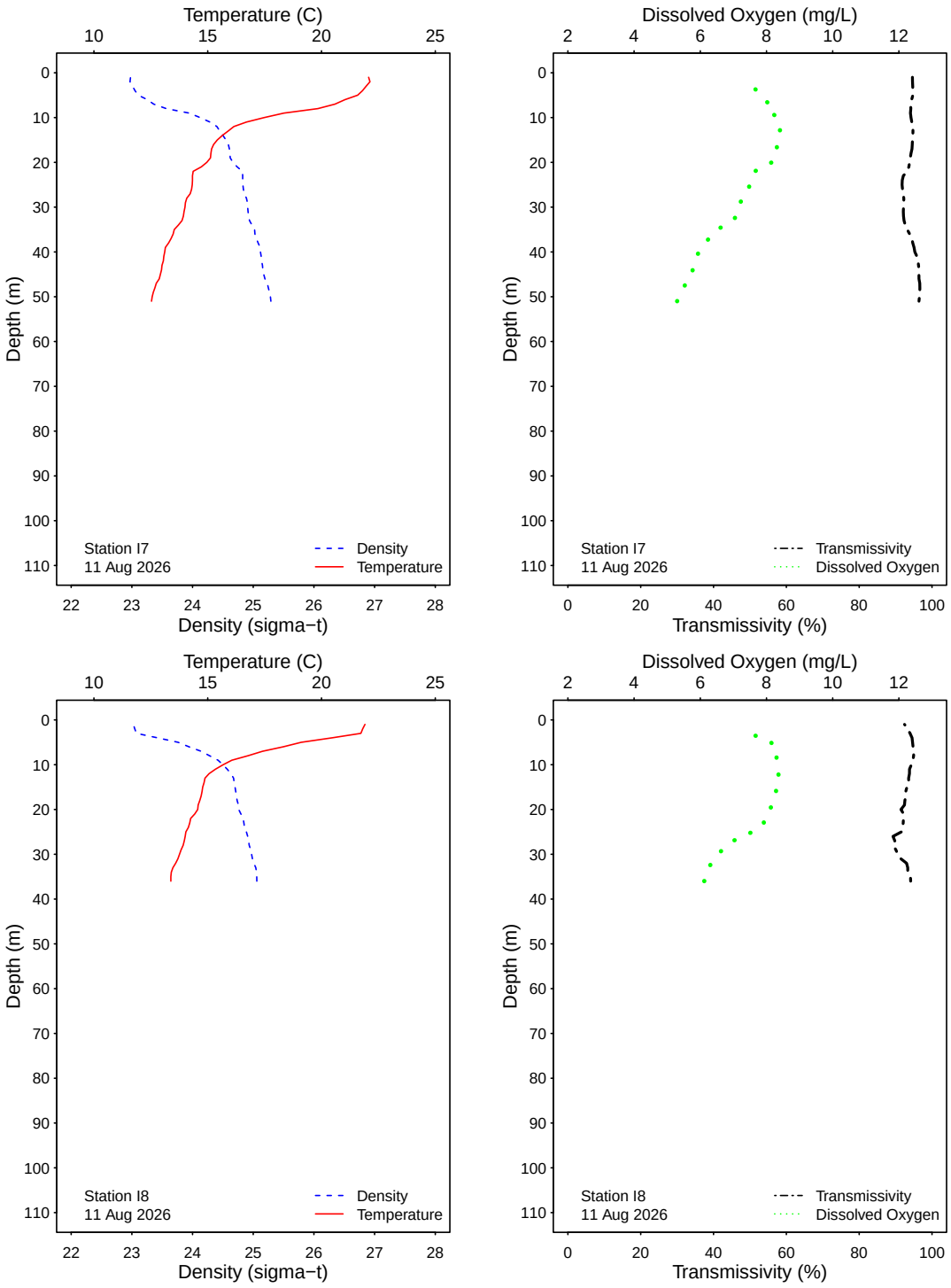


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

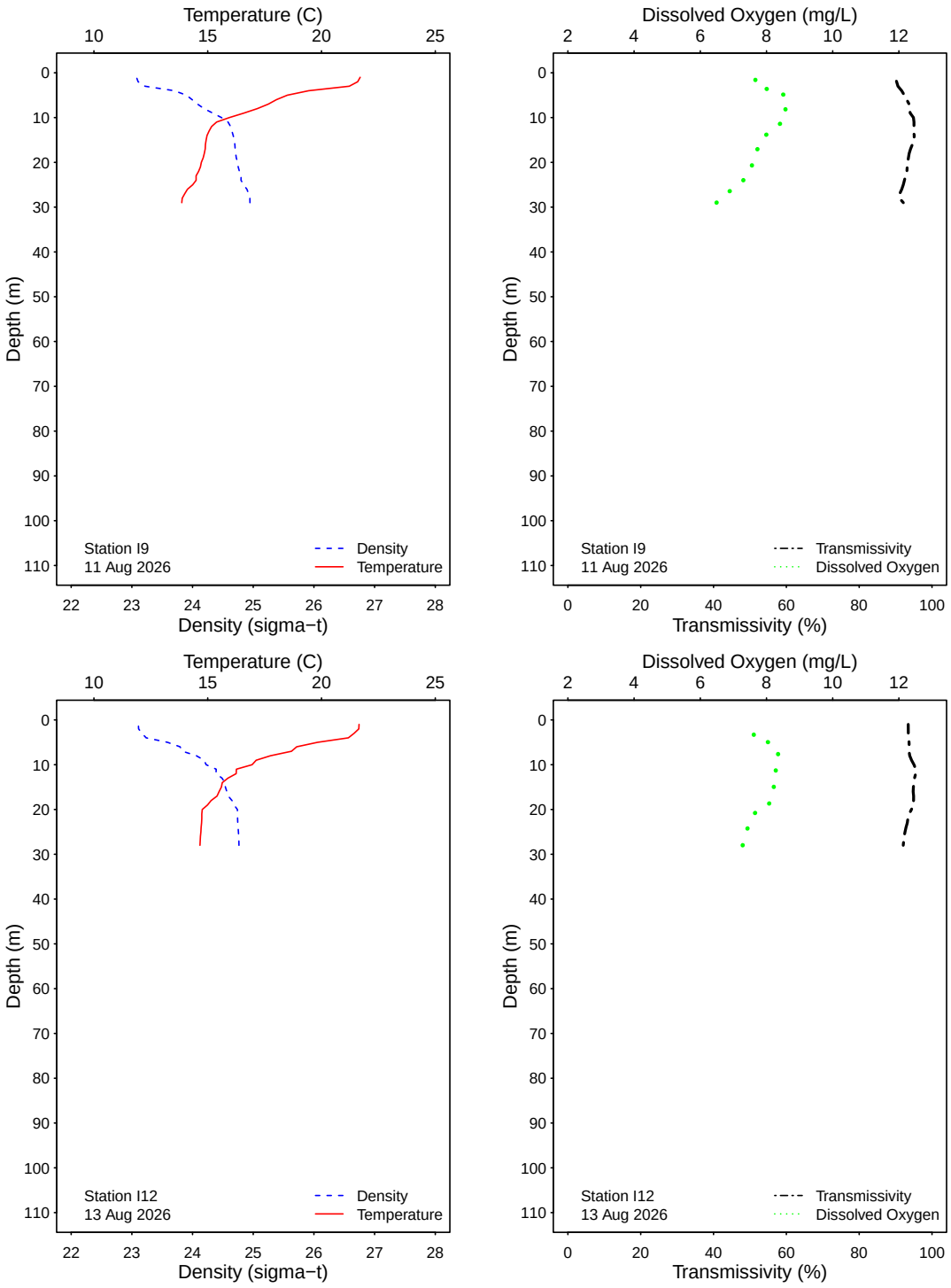


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

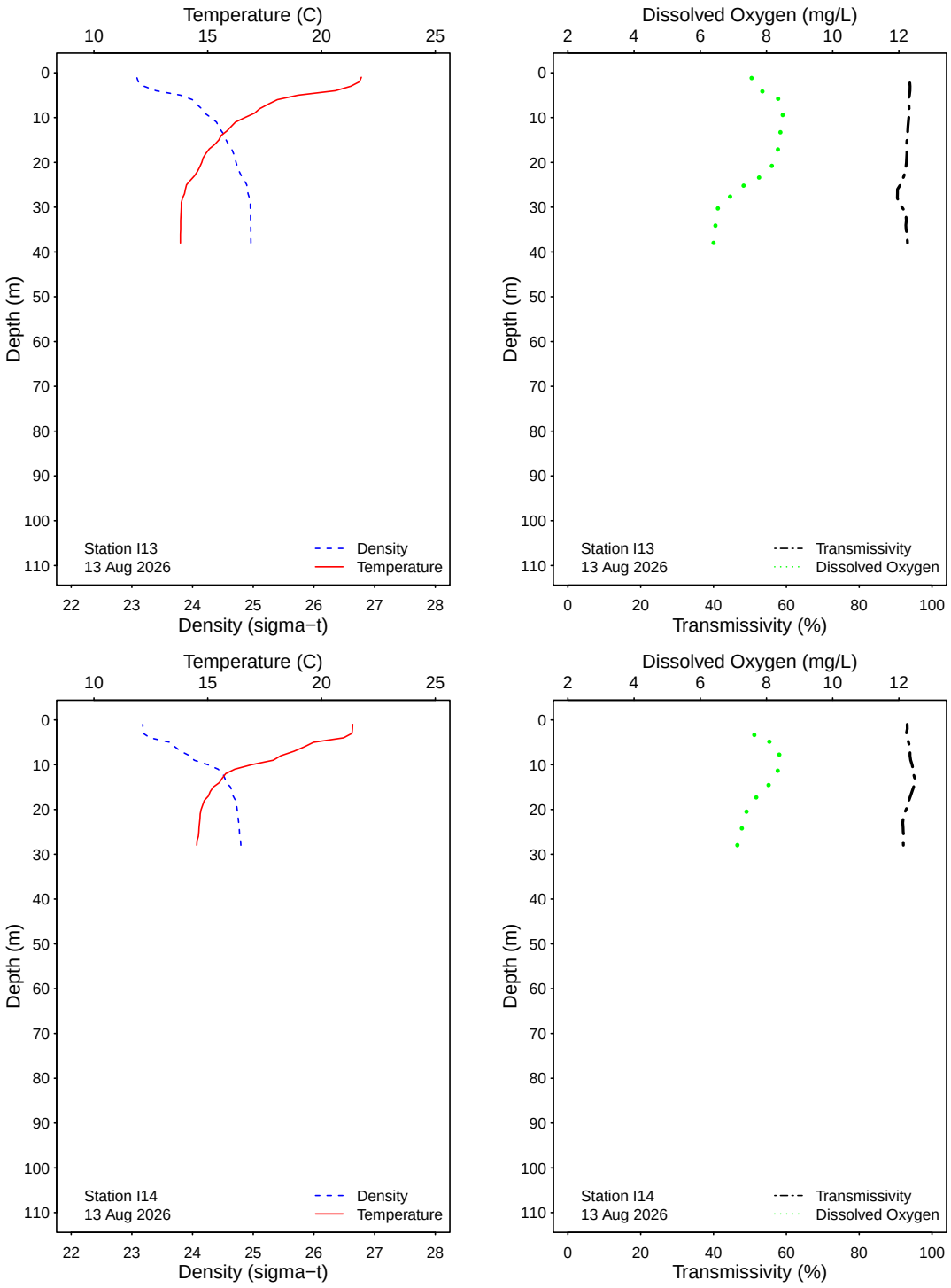


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

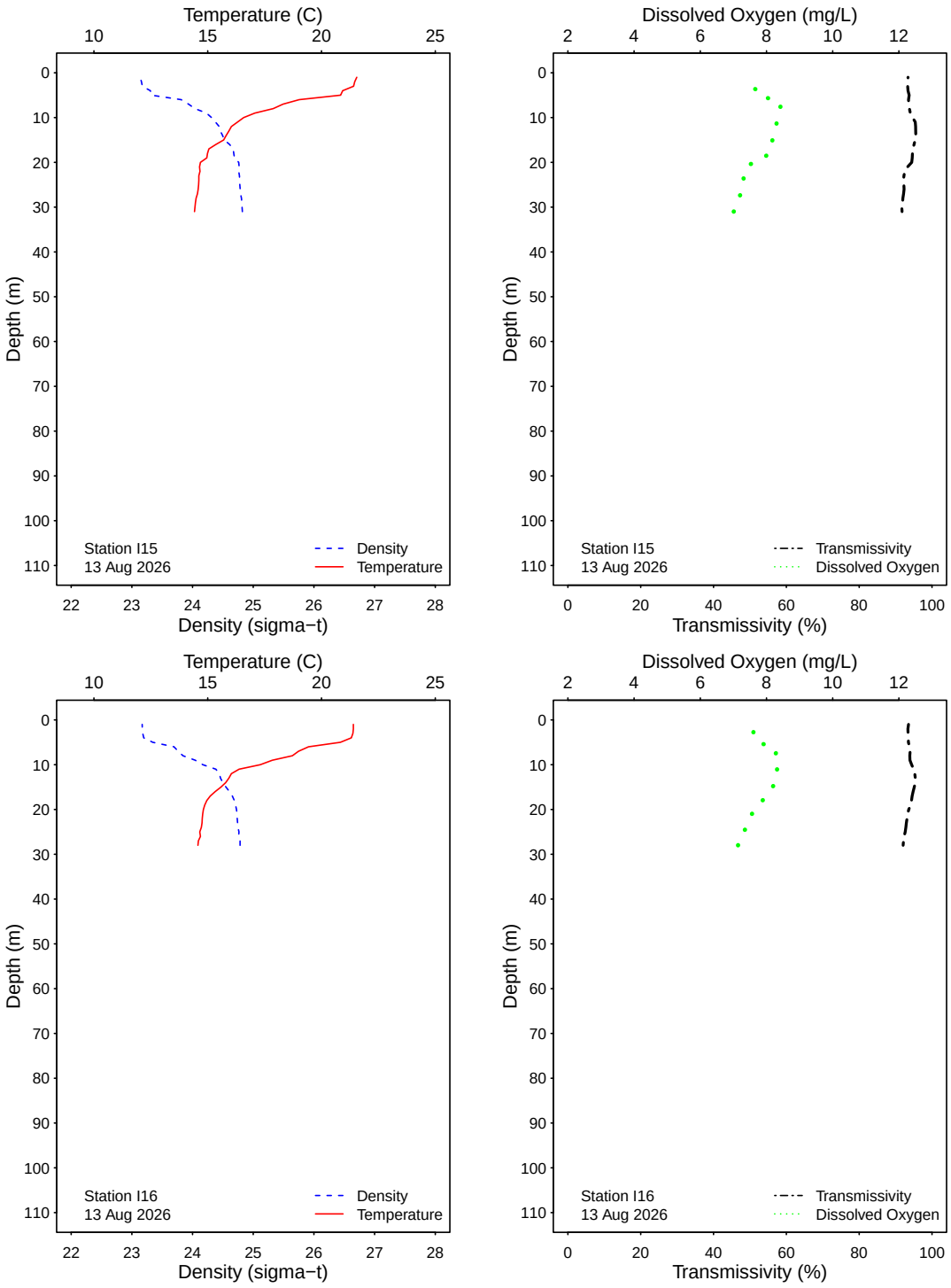


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

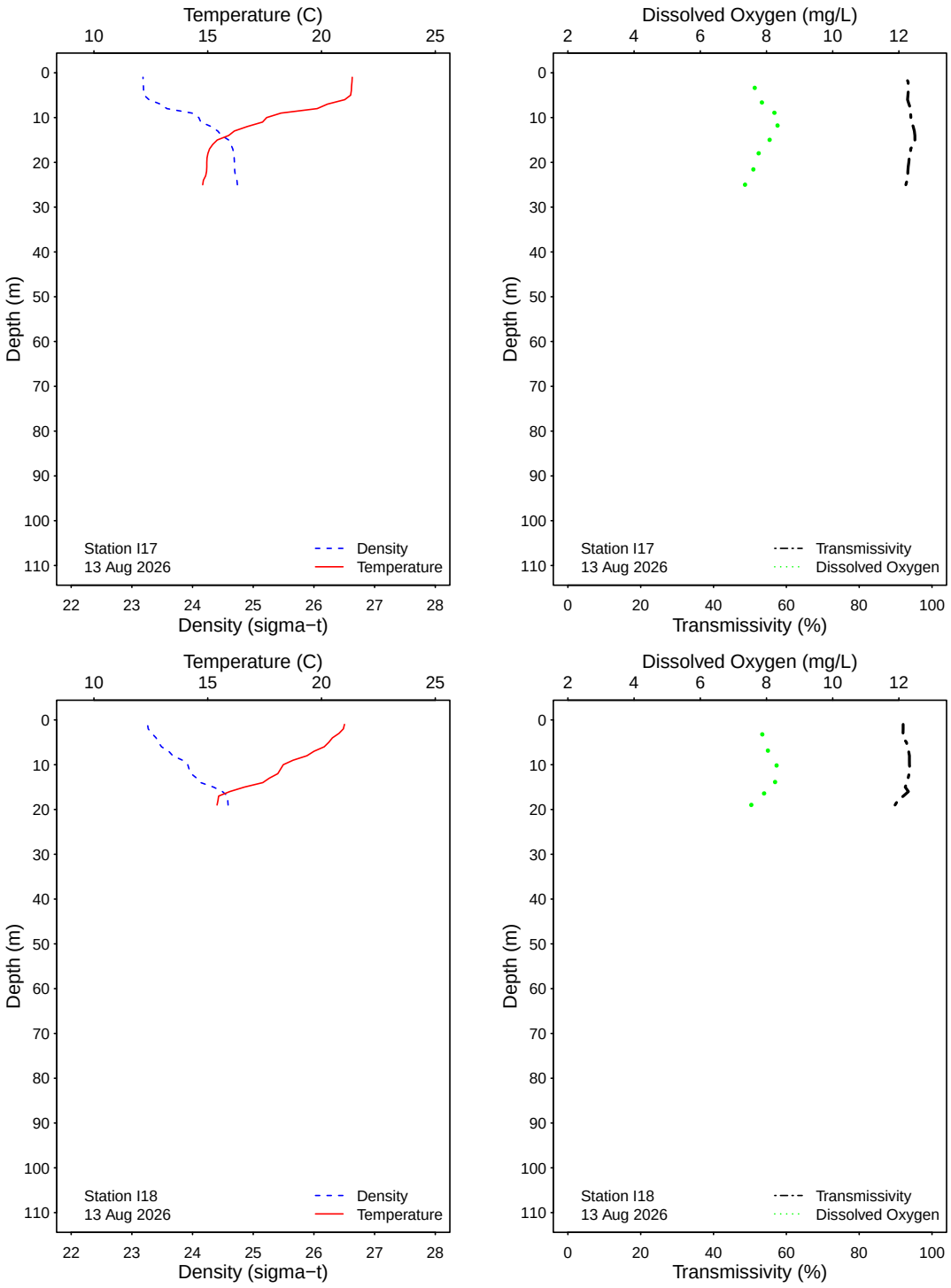


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

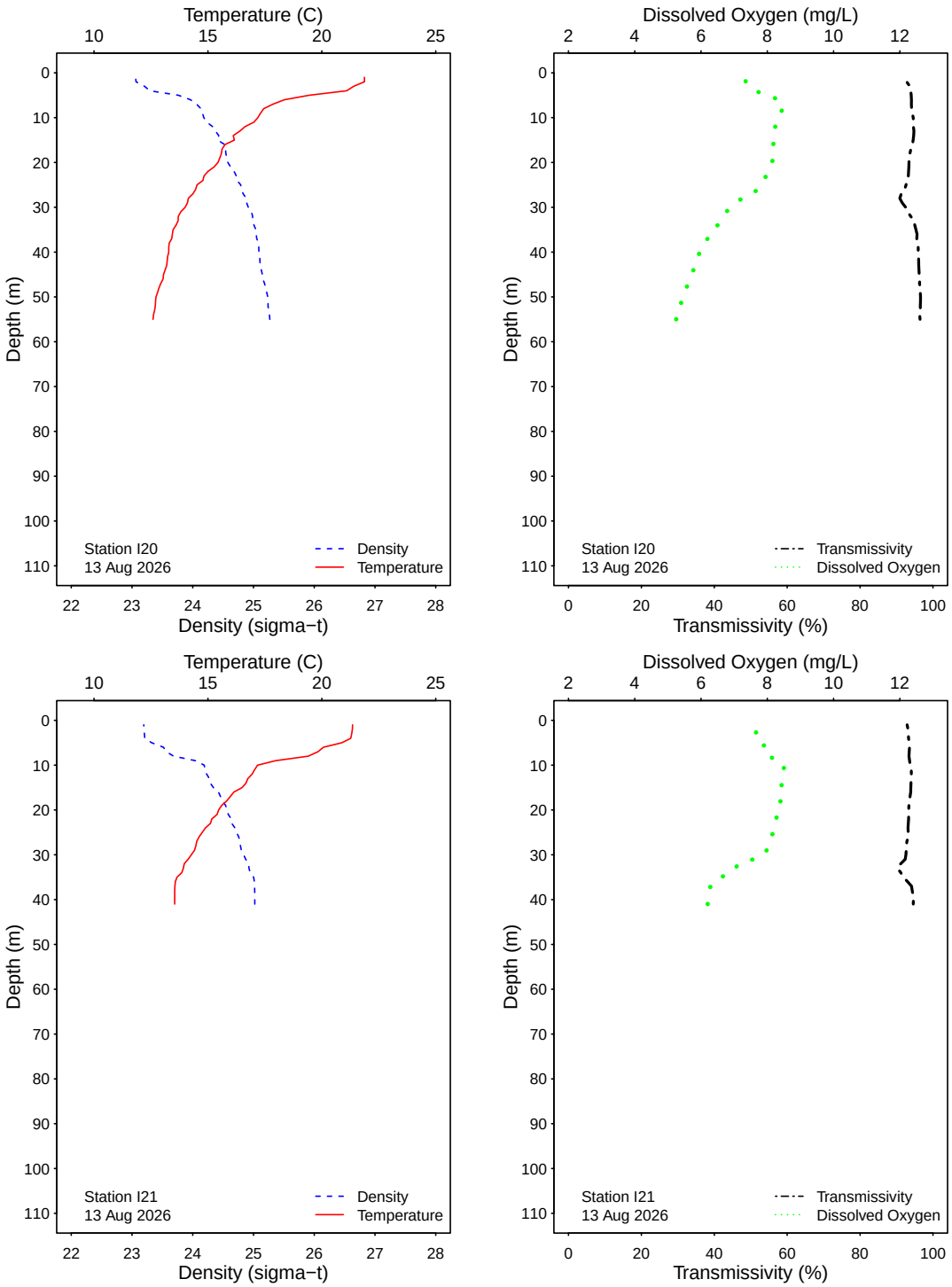


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

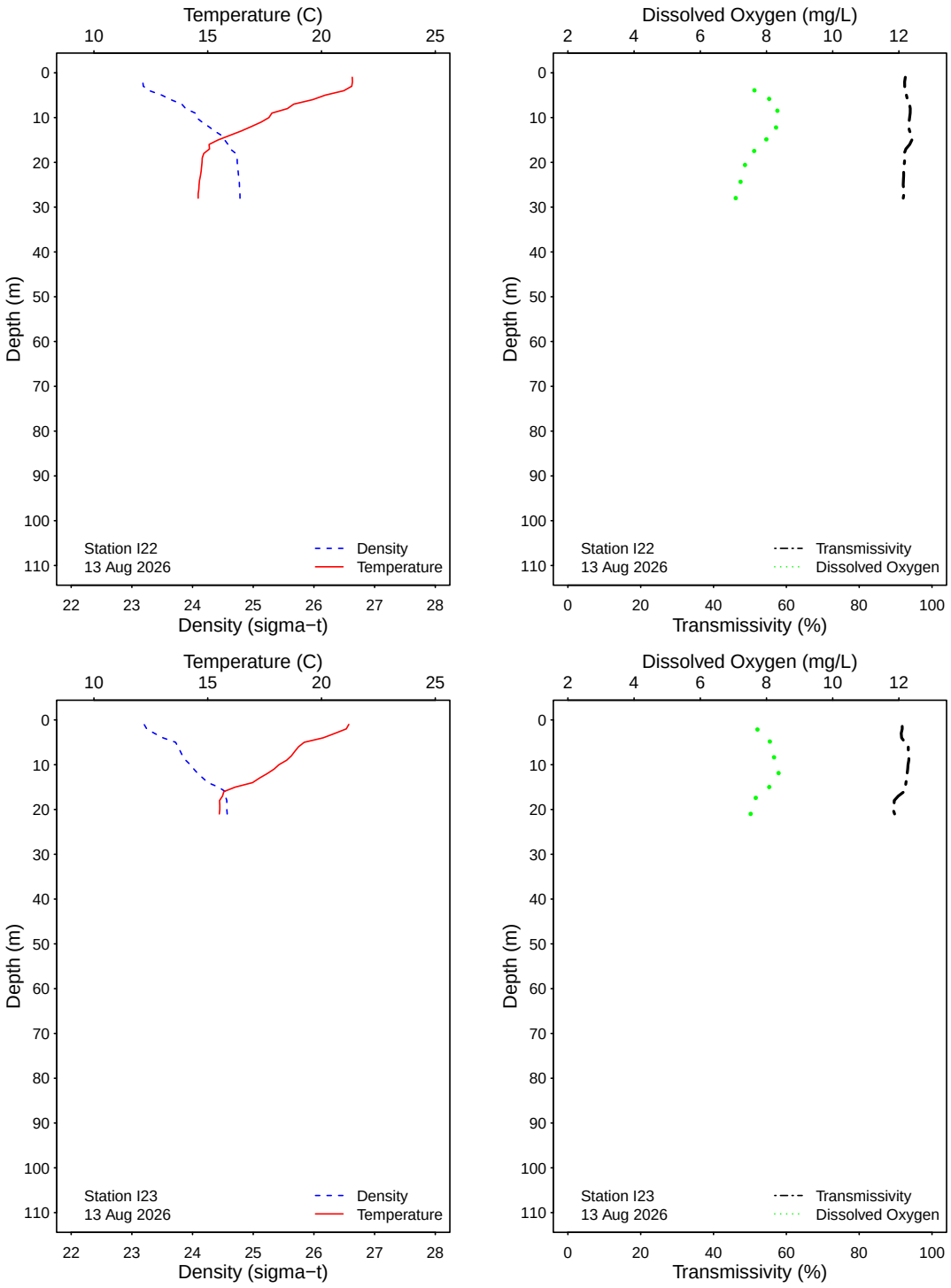


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

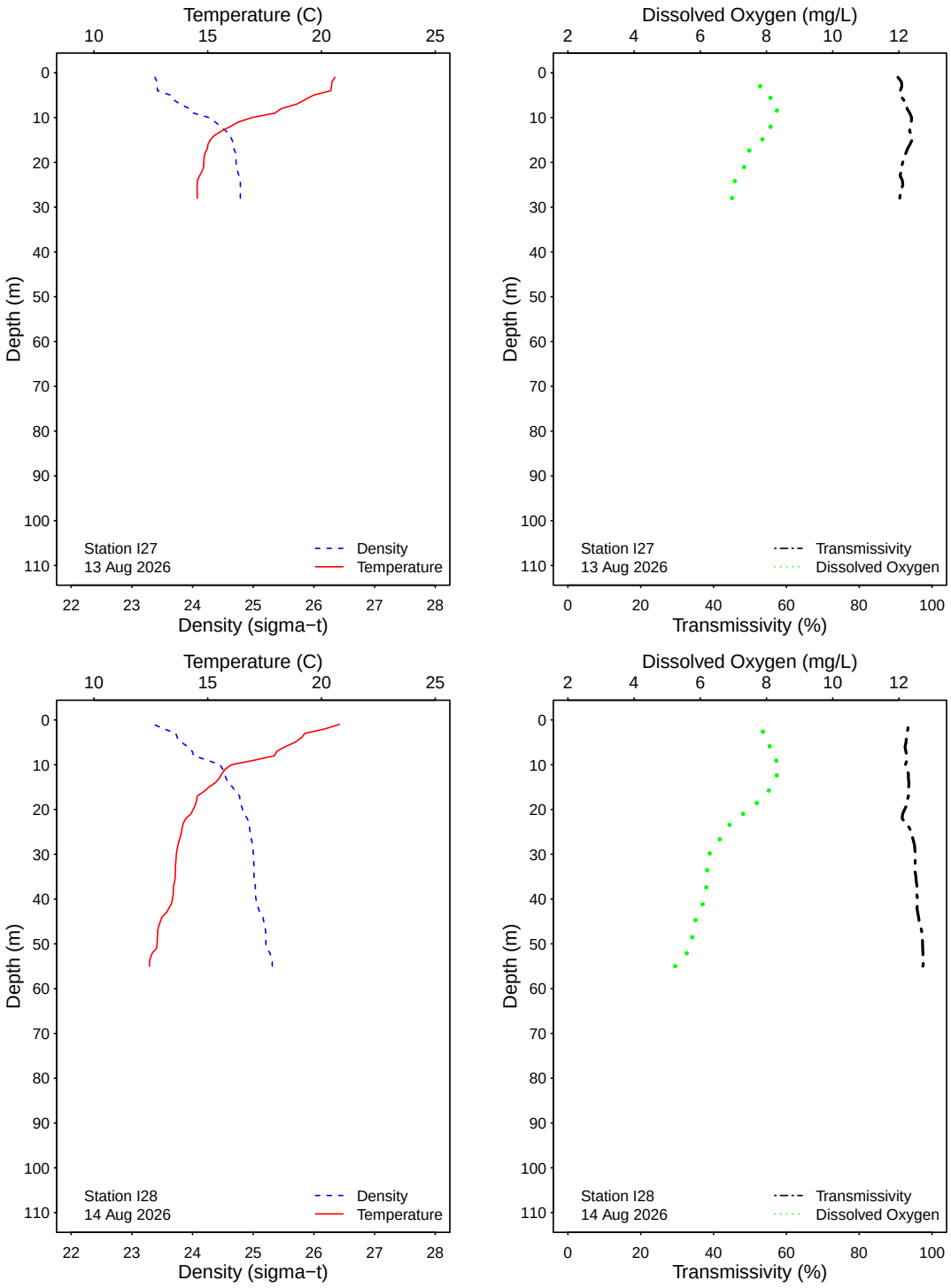


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

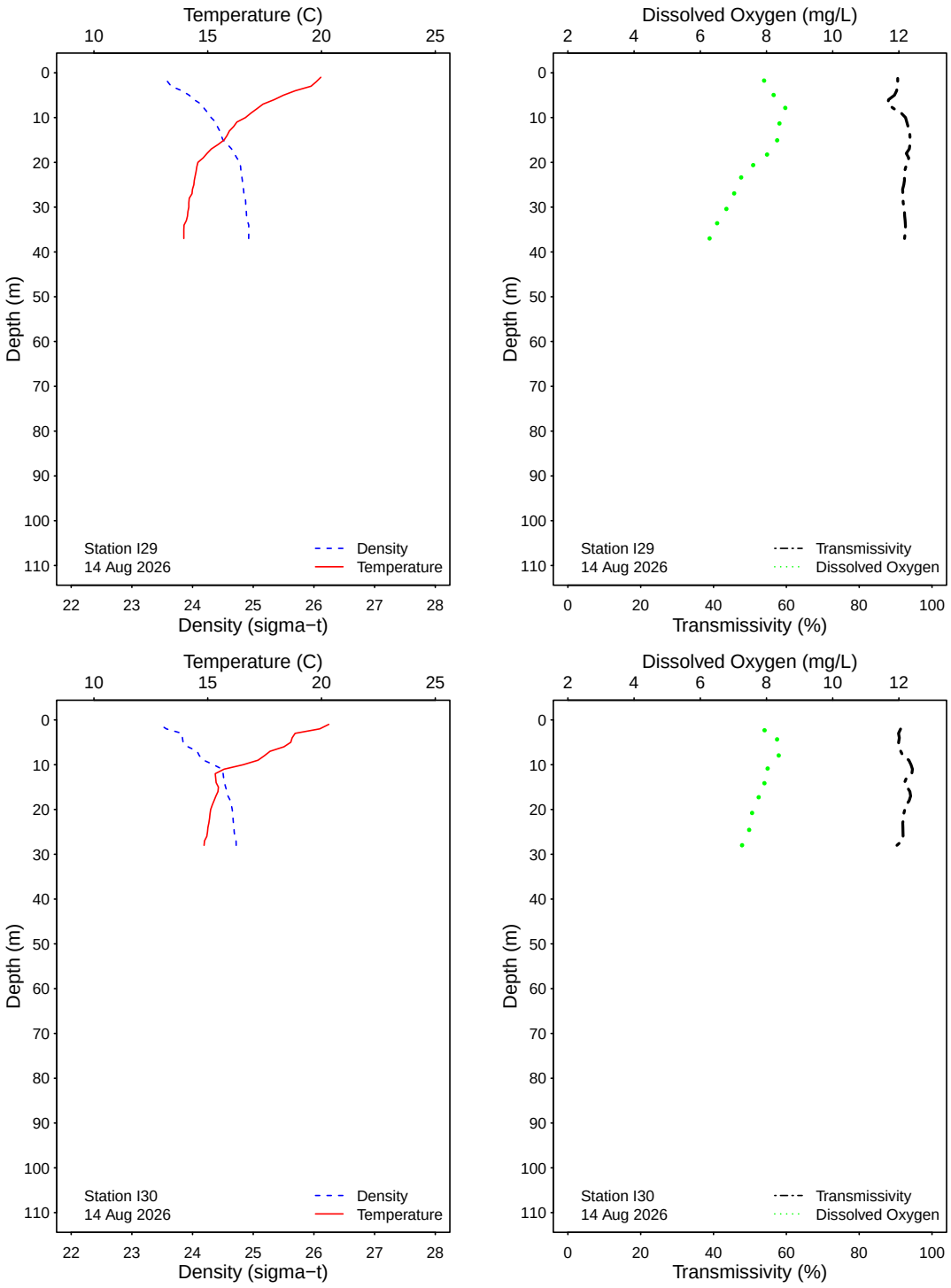


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

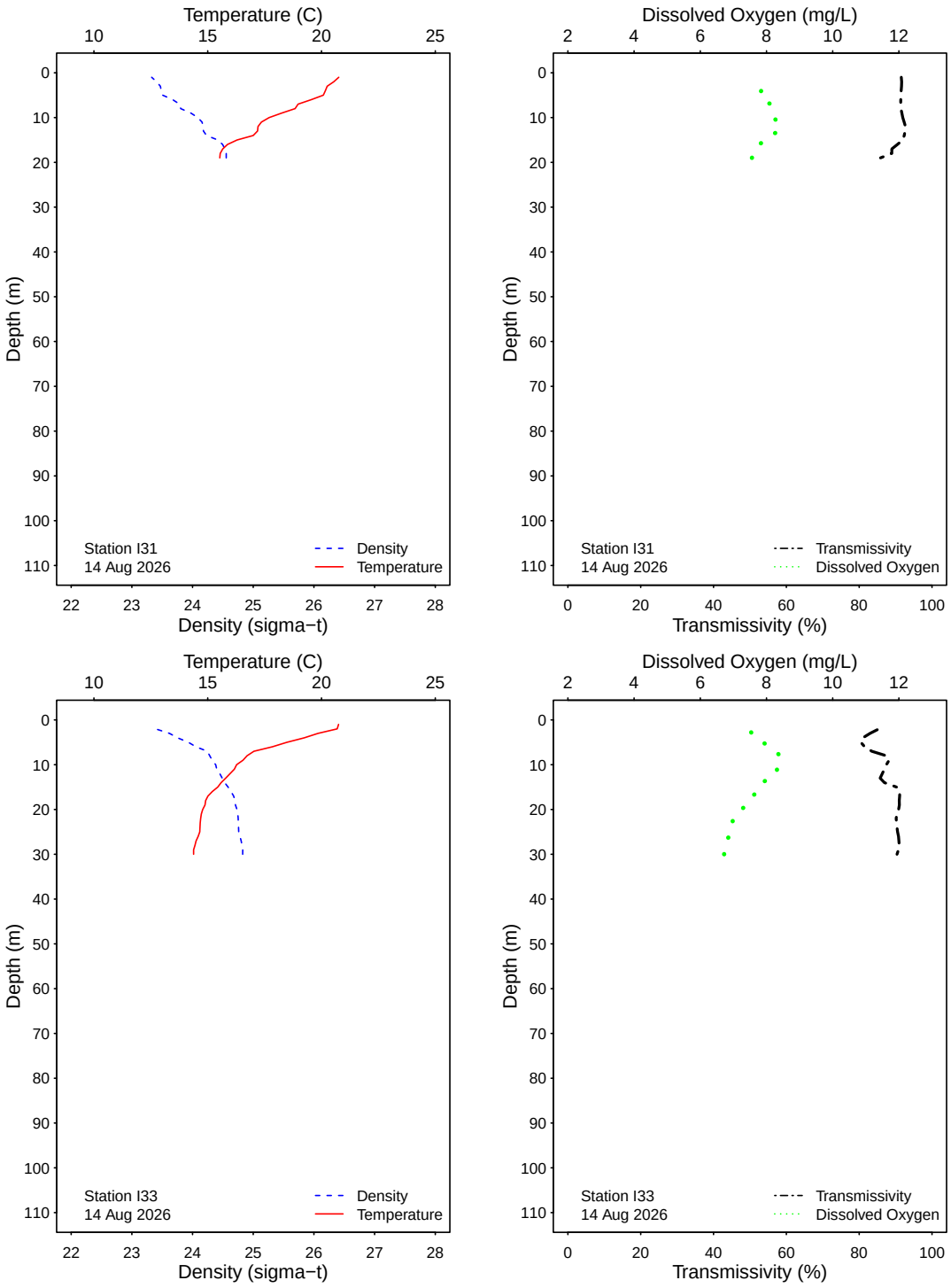


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

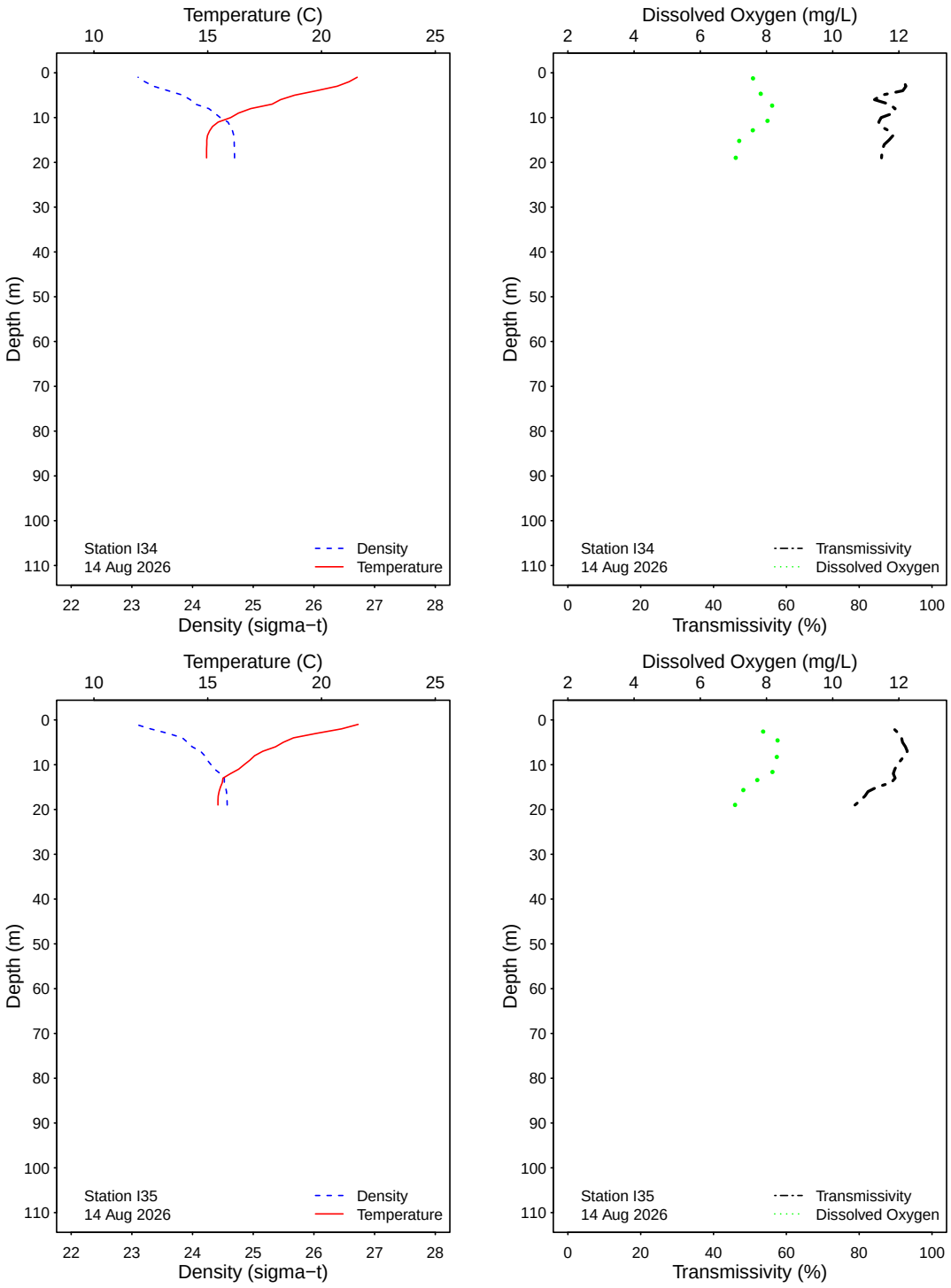


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

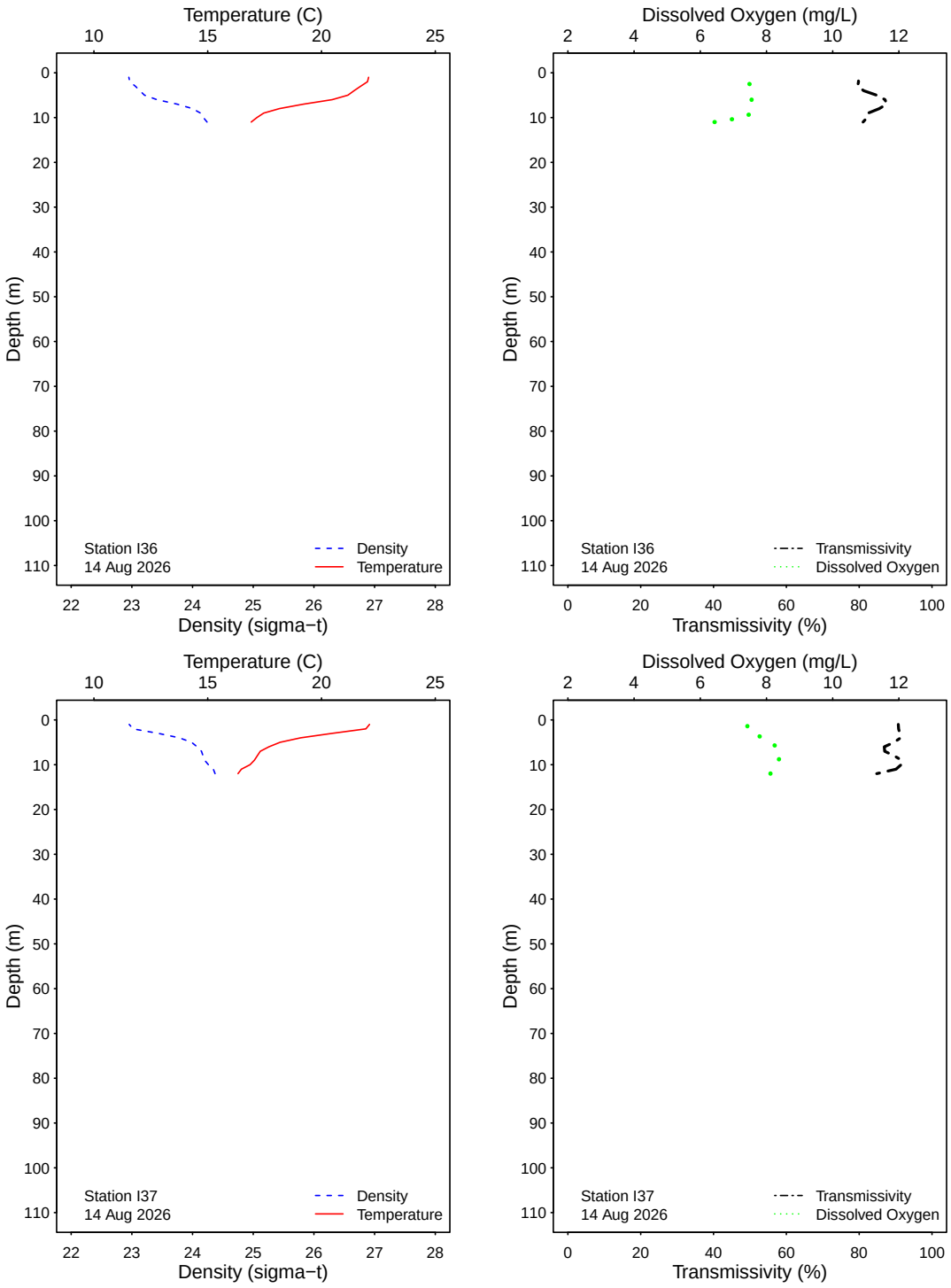


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

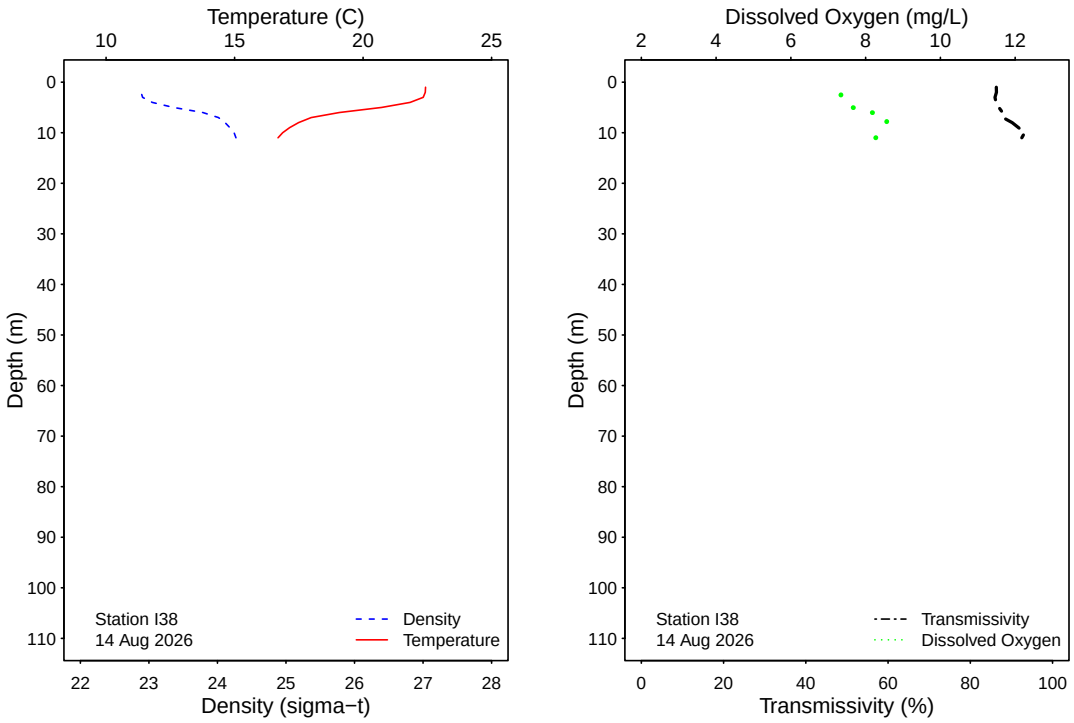


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

APPENDIX A

Quality Assurance

Table A.1

Summary of bacteriological quality assurance field and lab duplicate sample analyses at selected SBOO 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
S0	25 Aug 2026		KT	LAB DUPLICATE	3000	640	240
I3	11 Aug 2026	18	NCD	LAB DUPLICATE	2	2	2
S2	04 Aug 2026		JF	LAB DUPLICATE	20	2	4
S2	11 Aug 2026		NCD	LAB DUPLICATE	60	12	8
S2	18 Aug 2026		ADG	LAB DUPLICATE	2	2	2
S2	25 Aug 2026		KT	LAB DUPLICATE	320	10	160
I9	11 Aug 2026	27	NCD	LAB DUPLICATE	2	2	2
I8	11 Aug 2026	37	NCD	LAB DUPLICATE	2	2	2
S3	04 Aug 2026		JF	LAB DUPLICATE	20	2	2
S3	11 Aug 2026		NCD	LAB DUPLICATE	40	2	12
S3	18 Aug 2026		ADG	LAB DUPLICATE	20	2	2
S3	25 Aug 2026		KT	LAB DUPLICATE	300	10	42
I12	13 Aug 2026	18	NCD	LAB DUPLICATE	2	2	2
I19	03 Aug 2026	6	KT	LAB DUPLICATE	20	2	2
I19	10 Aug 2026	6	JF	LAB DUPLICATE	20	2	2
I19	17 Aug 2026	6	ADG	LAB DUPLICATE	200	2	4
I19	25 Aug 2026	6	SS	LAB DUPLICATE	20	2	2
I13	13 Aug 2026	18	NCD	LAB DUPLICATE	2	2	2
I16	13 Aug 2026	18	NCD	LAB DUPLICATE	2	2	2
I40	03 Aug 2026	6	KT	LAB DUPLICATE	20	2	2
I40	10 Aug 2026	6	JF	LAB DUPLICATE	2	2	2
I40	17 Aug 2026	6	ADG	LAB DUPLICATE	20	2	2
I40	25 Aug 2026	6	SS	LAB DUPLICATE	2	2	2
S12	04 Aug 2026		ADG	LAB DUPLICATE	20	16	22
S12	04 Aug 2026		ADG	FIELD DUPLICATE	20	22	30
S12	11 Aug 2026		KT	FIELD DUPLICATE	16000	1400	460
S12	11 Aug 2026		KT	LAB DUPLICATE	16000	1000	600
S12	18 Aug 2026		JF	FIELD DUPLICATE	20	2	2
S12	18 Aug 2026		JF	LAB DUPLICATE	20	2	2
S12	25 Aug 2026		SS	LAB DUPLICATE	340	20	80
S12	25 Aug 2026		SS	FIELD DUPLICATE	300	20	78
I30	14 Aug 2026	27	ADG	LAB DUPLICATE	20	4	40
I36	14 Aug 2026	11	ADG	LAB DUPLICATE	20	2	2
I36	14 Aug 2026	11	ADG	FIELD DUPLICATE	20	2	2

ns = not sampled
ND = no data

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