

SOUTH BAY OCEAN OUTFALL MONTHLY RECEIVING WATERS MONITORING REPORT

SOUTH BAY WATER RECLAMATION PLANT

NPDES Permit No. CA0109045
SDRWQCB Order No. R9-2021-0011

MAY 2026

Environmental Monitoring and Technical Services
2392 Kincaid Road • Mail Station 45A • San Diego, CA 92101
Tel (619) 758-2300 Fax (619) 758-2309



June 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 May 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. R9-2021-0011 as amended by 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:

Water-Contact Objectives

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

Shellfish Harvesting Standards

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, 1987²) is used to statistically compare both the results from the laboratory duplicates, as well as the results from the field duplicates. These data will be further analyzed in the City's 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 May, 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 30-day running geometric mean standard for fecal coliforms was exceeded at stations S5 and S11.
 - The single sample maximum (SSM) standard for fecal coliforms was exceeded at stations S4, S5, S6, S10, S11, and S12.
 - The 6-week running geometric mean standard for *Enterococcus* was exceeded at stations S4, S5, S6, S10, S11, and S12.
 - The statistical threshold value (STV) standard for *Enterococcus* was exceeded at stations S4, S5, S6, S10, S11, and S12.
 - The 30-day running median standard for total coliforms was exceeded at stations S4, S5, S6, S10, 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, S10, S11, and S12.
 - A sewage-like odor was detected at stations S4, S5, S6, S8, S10, S11, and S12 on one or more days in May.
 - 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 May 4, 11, 19, and 26.
 - During May, two of the seven kelp bed stations were out of compliance with the various 2019 Ocean Plan water contact standards on one or more days as follows:
 - The 6-week running geometric mean standard for *Enterococcus* was exceeded at station I24.
 - The STV standard for *Enterococcus* was exceeded at station I19.
 - The 30-day running median standard for total coliforms was exceeded at station I19.
 - The STV standard for total coliforms was exceeded at station I19.
 - Water column temperatures ranged from 11.70 to 18.72°C. The difference between surface and bottom waters ranged from 0.65 to 6.26°C.
 - Concentrations of chlorophyll *a* ranged from 0.39 to 15.97 µg/L at the kelp bed stations.
 - A thin film of slick brown material of unknown origin was observed at station I19 on one or more days in May.
- **Offshore Water Quality Sampling**
- Quarterly offshore water quality sampling was conducted over three days during the month (i.e., May 6, 7, 8).
 - During May, six 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 I12, I14, I16, I18, and I23.
 - The STV standard for *Enterococcus* was exceeded at stations I12, I14, I16, I18, and I23.
 - The STV standard for total coliforms was exceeded at stations I12, I14, I16, I18, I22, and I23.
 - Water column temperatures ranged from 10.73 to 17.39°C at the offshore sites. The difference between surface and bottom waters ranged from 2.40 to 6.32°C.
 - Chlorophyll *a* concentrations ranged from 0.17 to 22.48 µg/L at the offshore sites.
 - A sewage-like odor was detected at stations I18 and I21 on one or more days in May.
 - CDOM data are available upon request.



TABLES AND FIGURES

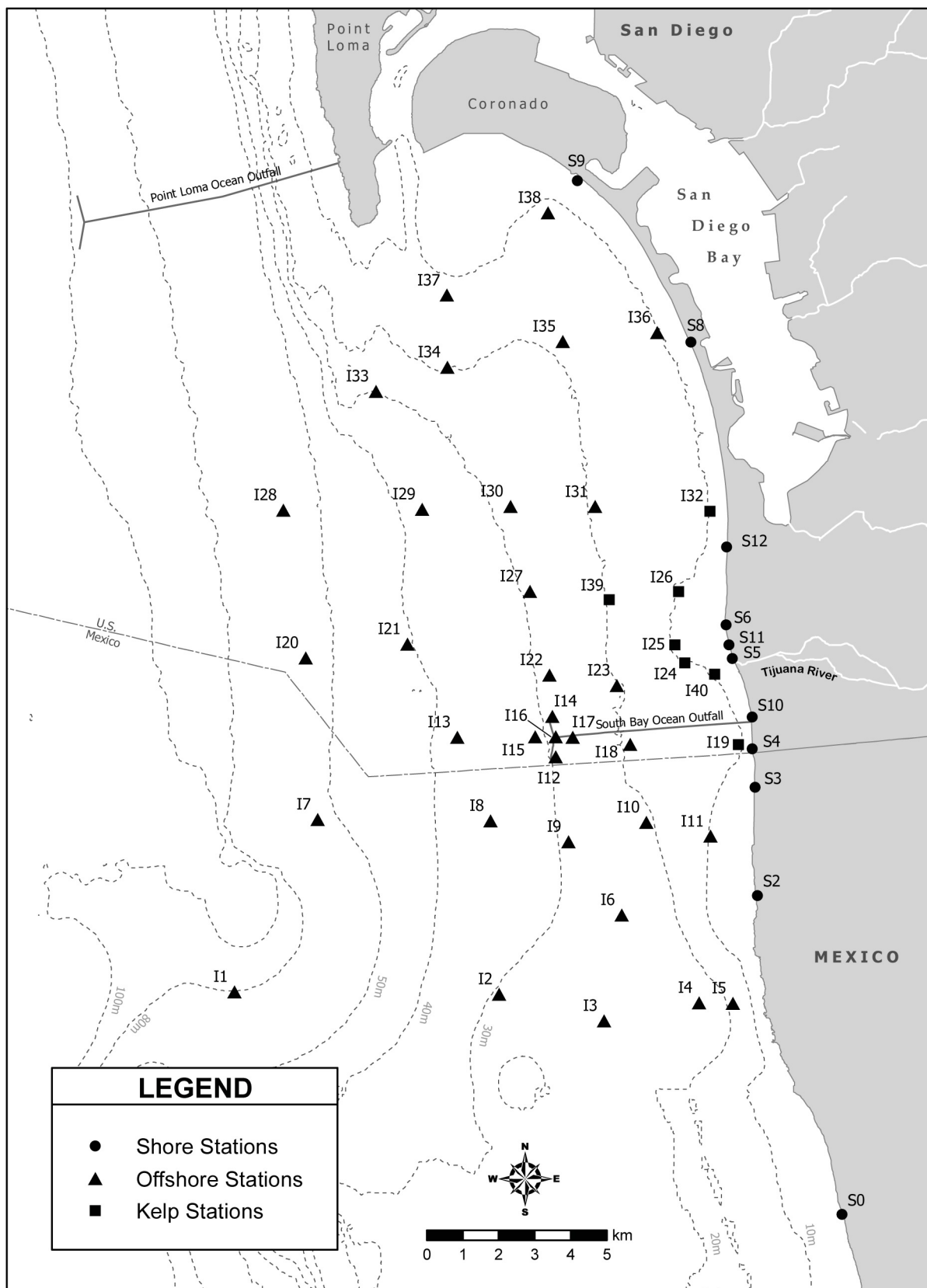


Figure 1.1 Station Map

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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 May 2026	24	11793	47	10	7	17	413	8
02 May 2026	24	11793	47	10	7	17	413	8
03 May 2026	24	11793	47	10	7	17	413	8
04 May 2026	24	11793	47	10	7	17	413	8
05 May 2026	24	11793	47	10	7	17	413	8
06 May 2026	24	11827	28	7	10	17	724	7
07 May 2026	53	11793	41	4	8	50	560	8
08 May 2026	53	11793	41	4	8	50	560	8
09 May 2026	*69	*11742	*10	*3	*8	*113	*261	*6
10 May 2026	*69	*11742	*10	*3	*8	*113	*261	*6
11 May 2026	*69	*11742	*10	*3	*8	*113	*261	*6
12 May 2026	42	9649	11	4	9	58	141	7
13 May 2026	42	9649	11	4	9	58	141	7
14 May 2026	*58	*9137	*18	*5	*13	*76	*242	*6
15 May 2026	*58	*9137	*18	*5	*13	*76	*242	*6
16 May 2026	*58	*9137	*18	*5	*13	*76	*242	*6
17 May 2026	*58	*9137	*18	*5	*13	*76	*242	*6
18 May 2026	*58	*9137	*18	*5	*13	*76	*242	*6
19 May 2026	42	9649	40	6	11	42	490	5
20 May 2026	42	9649	40	6	11	42	490	5
21 May 2026	*77	*9137	*17	*6	*12	*90	*220	*4
22 May 2026	*77	*9137	*17	*6	*12	*90	*220	*4
23 May 2026	*77	*9137	*17	*6	*12	*90	*220	*4
24 May 2026	*77	*9137	*17	*6	*12	*90	*220	*4
25 May 2026	*77	*9137	*17	*6	*12	*90	*220	*4
26 May 2026	49	5748	30	5	9	55	119	10
27 May 2026	49	5748	30	5	9	55	119	10
28 May 2026	*36	*4887	*59	*6	*9	*35	*330	*16
29 May 2026	*36	*4887	*59	*6	*9	*35	*330	*16
30 May 2026	*36	*4887	*59	*6	*9	*35	*330	*16
31 May 2026	*36	*4887	*59	*6	*9	*35	*330	*16

* 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
06 May 2026	ns	E	IC	IC	IC	ns	E	IC
07 May 2026	E	ns	ns	ns	ns	E	ns	ns
12 May 2026	IC	E	IC	IC	IC	IC	IC	IC
19 May 2026	IC	E	E	IC	IC	IC	E	IC
26 May 2026	IC	E	IC	IC	IC	IC	IC	E

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 May 2026	20	6252	93	23	8	32	523	84
02 May 2026	20	6252	93	23	8	32	523	84
03 May 2026	20	6252	93	23	8	32	523	84
04 May 2026	20	6252	93	23	8	32	523	84
05 May 2026	15	5488	56	26	8	33	280	65
06 May 2026	15	6252	32	17	12	33	466	37
07 May 2026	28	6252	32	17	12	81	466	37
08 May 2026	28	6252	32	17	12	81	466	37
09 May 2026	28	6252	32	17	12	81	466	37
10 May 2026	28	6252	32	17	12	81	466	37
11 May 2026	28	6252	32	17	12	81	466	37
12 May 2026	24	5385	36	15	12	62	349	47
13 May 2026	32	6162	21	11	13	79	307	19
14 May 2026	32	6162	21	11	13	79	307	19
15 May 2026	32	6162	21	11	13	79	307	19
16 May 2026	32	6162	21	11	13	79	307	19
17 May 2026	32	6162	21	11	13	79	307	19
18 May 2026	32	6162	21	11	13	79	307	19
19 May 2026	14	5549	35	7	17	31	193	11
20 May 2026	14	5549	35	7	17	31	193	11
21 May 2026	14	5549	35	7	17	31	193	11
22 May 2026	14	5549	35	7	17	31	193	11
23 May 2026	14	5549	35	7	17	31	193	11
24 May 2026	14	5549	35	7	17	31	193	11
25 May 2026	14	5549	35	7	17	31	193	11
26 May 2026	11	2643	59	7	19	19	185	24
27 May 2026	11	2643	59	7	19	19	185	24
28 May 2026	11	2643	59	7	19	19	185	24
29 May 2026	11	2643	59	7	19	19	185	24
30 May 2026	11	2643	59	7	19	19	185	24
31 May 2026	11	2643	59	7	19	19	185	24

* 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
May	E	E	E	IC	IC	E	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 May 2026	*160	*16000	*20	*20	*20	*220	*4670	*20
02 May 2026	*160	*16000	*20	*20	*20	*220	*4670	*20
03 May 2026	*160	*16000	*20	*20	*20	*220	*4670	*20
04 May 2026	*160	*16000	*20	*20	*20	*220	*4670	*20
05 May 2026	*160	*16000	*20	*20	*20	*220	*4670	*20
06 May 2026	*160	16000	20	20	20	*220	9200	20
07 May 2026	*620	*16000	*20	*20	*20	*3060	*8070	*20
08 May 2026	*620	*16000	*20	*20	*20	*3060	*8070	*20
09 May 2026	*620	*16000	*20	*20	*20	*3060	*8070	*20
10 May 2026	*620	*16000	*20	*20	*20	*3060	*8070	*20
11 May 2026	*620	*16000	*20	*20	*20	*3060	*8070	*20
12 May 2026	240	16000	20	20	20	120	200	20
13 May 2026	240	16000	20	20	20	120	200	20
14 May 2026	*517	*16000	*40	*20	*20	*3015	*8100	*20
15 May 2026	*517	*16000	*40	*20	*20	*3015	*8100	*20
16 May 2026	*517	*16000	*40	*20	*20	*3015	*8100	*20
17 May 2026	*517	*16000	*40	*20	*20	*3015	*8100	*20
18 May 2026	*517	*16000	*40	*20	*20	*3015	*8100	*20
19 May 2026	34	16000	60	20	20	30	12000	20
20 May 2026	34	16000	60	20	20	30	12000	20
21 May 2026	*517	*16000	*40	*20	*20	*3015	*6100	*20
22 May 2026	*517	*16000	*40	*20	*20	*3015	*6100	*20
23 May 2026	*517	*16000	*40	*20	*20	*3015	*6100	*20
24 May 2026	*517	*16000	*40	*20	*20	*3015	*6100	*20
25 May 2026	*517	*16000	*40	*20	*20	*3015	*6100	*20
26 May 2026	80	16000	60	20	20	160	200	20
27 May 2026	80	16000	60	20	20	160	200	20
28 May 2026	*57	*16000	*1530	*20	*20	*95	*6100	*240
29 May 2026	*57	*16000	*1530	*20	*20	*95	*6100	*240
30 May 2026	*57	*16000	*1530	*20	*20	*95	*6100	*240
31 May 2026	*57	*16000	*1530	*20	*20	*95	*6100	*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
May	E	E	E	IC	IC	E	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 fecal coliform (Fecal), total coliform (Total), and *Enterococcus* (Entero) are reported as CFU/100 mL. Comments follow the data summary.

Station	Date	Time	Total	Fecal	Entero
S0	06 May 2026	1010	>16000	3400e	1100
S0	12 May 2026	920	12000	1000e	640
S0	19 May 2026	910	12000	1100	340e
S0	26 May 2026	840	960	160e	110
S10	07 May 2026	858	>16000	>12000	6800
S10	12 May 2026	1010	30e	4e	12e
S10	19 May 2026	950	20e	4e	2e
S10	26 May 2026	1106	160e	8e	<2
S11	06 May 2026	851	>16000	>12000	6000
S11	12 May 2026	913	200e	12e	62
S11	19 May 2026	902	12000	8200	320e
S11	26 May 2026	955	40e	10e	14e
S12	06 May 2026	923	<20	<2	2e
S12	12 May 2026	923	460	14e	200e
S12	19 May 2026	946	<20	4e	2e
S12	26 May 2026	859	6000	560	260e
S2	06 May 2026	935	160e	44	40e
S2	12 May 2026	1015	4e	2e	<2
S2	19 May 2026	1015	40e	2e	2e
S2	26 May 2026	955	400	20e	10e
S3	06 May 2026	910	1600e	80e	900
S3	12 May 2026	950	2e	<2	50
S3	19 May 2026	945	40e	2e	2e
S3	26 May 2026	925	640	44	<2
S4	07 May 2026	843	>16000	3000e	720
S4	12 May 2026	1029	34e	6e	8e
S4	19 May 2026	907	<20	12e	4e
S4	26 May 2026	1128	80e	8e	2e
S5	06 May 2026	821	>16000	>12000	>12000
S5	12 May 2026	852	>16000	4400	2200e
S5	19 May 2026	833	>16000	>12000	6400
S5	26 May 2026	937	7200	900	140e
S6	06 May 2026	903	<20	<2	2e
S6	12 May 2026	925	60e	20e	68
S6	19 May 2026	915	8600	1100	160e
S6	26 May 2026	846	3000e	280e	52
S8	06 May 2026	759	<20	2e	2e
S8	12 May 2026	856	<20	<20	8e
S8	19 May 2026	810	20e	20e	24e
S8	26 May 2026	838	<20	2e	<2
S9	06 May 2026	739	20e	40e	64
S9	12 May 2026	834	20e	12e	16e
S9	19 May 2026	747	<20	6e	36e
S9	26 May 2026	816	<20	<2	4e

ns = not sampled

ND = no data

Comments

date	station	depth	parmcode	comments
06-May-2026				Sites S4 and S10 were inaccessible due to flooding. Were sampled on 5/7/2026.

Table 2.8

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

Station	Date	Parameter	Value
S0	12 May 2026	Arrive Time	920
S0	12 May 2026	Wind Speed (kts)	1.4
S0	12 May 2026	Wind Dir	NE
S0	12 May 2026	Animal Life	Bird-20; Dog-3;
S0	12 May 2026	Floatables	
S0	12 May 2026	Current Direction	N
S0	12 May 2026	Water Temp (C)	14
S0	12 May 2026	High Tide Time	616
S0	12 May 2026	Low Tide Time	41
S0	12 May 2026	Comments	Water clear; Trash-0; Kelp; Person/Walker/Jogger-4; 0.5 L/s water flowing from storm drain
S0	19 May 2026	Arrive Time	910
S0	19 May 2026	Wind Speed (kts)	1
S0	19 May 2026	Wind Dir	NE
S0	19 May 2026	Animal Life	Bird-10; Dog-2;
S0	19 May 2026	Floatables	
S0	19 May 2026	Current Direction	N
S0	19 May 2026	Water Temp (C)	14
S0	19 May 2026	High Tide Time	1248
S0	19 May 2026	Low Tide Time	616
S0	19 May 2026	Comments	Water clear; Trash-0; Kelp; Person/Walker/Jogger-4; 0.5 L/s water flowing from storm drain
S0	26 May 2026	Arrive Time	840
S0	26 May 2026	Wind Speed (kts)	1
S0	26 May 2026	Wind Dir	NE
S0	26 May 2026	Animal Life	Bird-10; Dog-2;
S0	26 May 2026	Floatables	
S0	26 May 2026	Current Direction	N
S0	26 May 2026	Water Temp (C)	13
S0	26 May 2026	High Tide Time	651
S0	26 May 2026	Low Tide Time	115
S0	26 May 2026	Comments	Water clear; Trash-0; Kelp; Person/Walker/Jogger-5; 0.5 L/s water flowing from storm drain
S2	06 May 2026	Arrive Time	935
S2	06 May 2026	Wind Speed (kts)	1.1
S2	06 May 2026	Wind Dir	NE
S2	06 May 2026	Animal Life	Bird-10; Dog-1;
S2	06 May 2026	Floatables	
S2	06 May 2026	Current Direction	N
S2	06 May 2026	Water Temp (C)	14
S2	06 May 2026	High Tide Time	1416
S2	06 May 2026	Low Tide Time	718
S2	06 May 2026	Comments	Water clear; Trash-0; Kelp; Person/Walker/Jogger-4; No flow from storm drain
S2	12 May 2026	Arrive Time	1015
S2	12 May 2026	Wind Speed (kts)	1.6
S2	12 May 2026	Wind Dir	NE
S2	12 May 2026	Animal Life	Bird-10; Dog-2;
S2	12 May 2026	Floatables	
S2	12 May 2026	Current Direction	N
S2	12 May 2026	Water Temp (C)	14
S2	12 May 2026	High Tide Time	616

Station	Date	Parameter	Value
S2	12 May 2026	Low Tide Time	41
S2	12 May 2026	Comments	Water clear; Trash-0; Kelp; Person/Walker/Jogger-5; No flow from storm drain
S2	19 May 2026	Arrive Time	1015
S2	19 May 2026	Wind Speed (kts)	1.1
S2	19 May 2026	Wind Dir	NE
S2	19 May 2026	Animal Life	Bird-10; Dog-3;
S2	19 May 2026	Floatables	
S2	19 May 2026	Current Direction	N
S2	19 May 2026	Water Temp (C)	14
S2	19 May 2026	High Tide Time	1248
S2	19 May 2026	Low Tide Time	616
S2	19 May 2026	Comments	Water clear; Trash-0; Kelp; Person/Walker/Jogger-10; No flow from storm drain
S2	26 May 2026	Arrive Time	955
S2	26 May 2026	Wind Speed (kts)	1.1
S2	26 May 2026	Wind Dir	NE
S2	26 May 2026	Animal Life	Bird-10; Dog-3;
S2	26 May 2026	Floatables	
S2	26 May 2026	Current Direction	N
S2	26 May 2026	Water Temp (C)	13
S2	26 May 2026	High Tide Time	651
S2	26 May 2026	Low Tide Time	115
S2	26 May 2026	Comments	Water clear; Trash-0; Kelp; Person/Walker/Jogger-10; No flow from storm drain
S3	06 May 2026	Arrive Time	910
S3	06 May 2026	Arrive Time	2210
S3	06 May 2026	Wind Speed (kts)	1
S3	06 May 2026	Wind Speed (kts)	1.2
S3	06 May 2026	Wind Dir	NE
S3	06 May 2026	Animal Life	Bird-10; Dog-2;
S3	06 May 2026	Animal Life	Bird-10;
S3	06 May 2026	Floatables	
S3	06 May 2026	Current Direction	N
S3	06 May 2026	Water Temp (C)	14
S3	06 May 2026	High Tide Time	1416
S3	06 May 2026	Low Tide Time	718
S3	06 May 2026	Comments	Water clear; Trash-0; Kelp; Person/Walker/Jogger-5; No flow from storm drain
S3	06 May 2026	Comments	Water clear; Trash-0; Kelp; Person/Walker/Jogger-2; 0.5 L/s water flowing from storm drain
S3	12 May 2026	Arrive Time	950
S3	12 May 2026	Wind Speed (kts)	1.2
S3	12 May 2026	Wind Dir	NE
S3	12 May 2026	Animal Life	Bird-10; Dog-4;
S3	12 May 2026	Floatables	
S3	12 May 2026	Current Direction	N
S3	12 May 2026	Water Temp (C)	14
S3	12 May 2026	High Tide Time	616
S3	12 May 2026	Low Tide Time	41
S3	12 May 2026	Comments	Water clear; Trash-0; Kelp; Person/Walker/Jogger-10; No flow from storm drain
S3	19 May 2026	Arrive Time	945
S3	19 May 2026	Wind Speed (kts)	1.2
S3	19 May 2026	Wind Dir	NE
S3	19 May 2026	Animal Life	Bird-10; Dog-4;

Station	Date	Parameter	Value
S3	19 May 2026	Floatables	
S3	19 May 2026	Current Direction	N
S3	19 May 2026	Water Temp (C)	14
S3	19 May 2026	High Tide Time	1248
S3	19 May 2026	Low Tide Time	616
S3	19 May 2026	Comments	Water clear; Trash-0; Kelp; Person/Walker/Jogger-10; No flow from storm drain
S3	26 May 2026	Arrive Time	925
S3	26 May 2026	Wind Speed (kts)	1
S3	26 May 2026	Wind Dir	NE
S3	26 May 2026	Animal Life	Bird-10; Dog-4;
S3	26 May 2026	Floatables	
S3	26 May 2026	Current Direction	N
S3	26 May 2026	Water Temp (C)	13
S3	26 May 2026	High Tide Time	651
S3	26 May 2026	Low Tide Time	115
S3	26 May 2026	Comments	Water clear; Trash-0; Kelp; Person/Walker/Jogger-10; No flow from storm drain
S4	07 May 2026	Arrive Time	843
S4	07 May 2026	Wind Speed (kts)	3.2
S4	07 May 2026	Wind Dir	W
S4	07 May 2026	Animal Life	
S4	07 May 2026	Floatables	Dead animals
S4	07 May 2026	Current Direction	S
S4	07 May 2026	Water Temp (C)	12
S4	07 May 2026	High Tide Time	
S4	07 May 2026	Low Tide Time	818
S4	07 May 2026	Comments	Water clear; Trash-5; Kelp;Seagrass;Algae
S4	12 May 2026	Arrive Time	1029
S4	12 May 2026	Wind Speed (kts)	8.3
S4	12 May 2026	Wind Dir	S
S4	12 May 2026	Animal Life	
S4	12 May 2026	Floatables	
S4	12 May 2026	Current Direction	N
S4	12 May 2026	Water Temp (C)	17.1
S4	12 May 2026	High Tide Time	616
S4	12 May 2026	Low Tide Time	41
S4	12 May 2026	Comments	Water clear; Trash-5; Seagrass;Kelp;Algae;Debris; Sewage-like odor
S4	19 May 2026	Arrive Time	907
S4	19 May 2026	Wind Speed (kts)	3.4
S4	19 May 2026	Wind Dir	NW
S4	19 May 2026	Animal Life	
S4	19 May 2026	Floatables	Foam
S4	19 May 2026	Current Direction	S
S4	19 May 2026	Water Temp (C)	16.5
S4	19 May 2026	High Tide Time	1248
S4	19 May 2026	Low Tide Time	616
S4	19 May 2026	Comments	Water clear; Trash-5; Kelp;Seagrass
S4	26 May 2026	Arrive Time	1128
S4	26 May 2026	Wind Speed (kts)	2.5
S4	26 May 2026	Wind Dir	SW
S4	26 May 2026	Animal Life	
S4	26 May 2026	Floatables	
S4	26 May 2026	Current Direction	N
S4	26 May 2026	Water Temp (C)	13.5

Station	Date	Parameter	Value
S4	26 May 2026	High Tide Time	651
S4	26 May 2026	Low Tide Time	115
S4	26 May 2026	Comments	Water clear; Trash-5; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-2; Sewage-like odor
S10	07 May 2026	Arrive Time	858
S10	07 May 2026	Wind Speed (kts)	1.7
S10	07 May 2026	Wind Dir	W
S10	07 May 2026	Animal Life	
S10	07 May 2026	Floatables	
S10	07 May 2026	Current Direction	S
S10	07 May 2026	Water Temp (C)	12.2
S10	07 May 2026	High Tide Time	
S10	07 May 2026	Low Tide Time	818
S10	07 May 2026	Comments	Water clear; Trash-3; Kelp;Seagrass
S10	12 May 2026	Arrive Time	1010
S10	12 May 2026	Wind Speed (kts)	12
S10	12 May 2026	Wind Dir	S
S10	12 May 2026	Animal Life	
S10	12 May 2026	Floatables	
S10	12 May 2026	Current Direction	N
S10	12 May 2026	Water Temp (C)	17.9
S10	12 May 2026	High Tide Time	616
S10	12 May 2026	Low Tide Time	41
S10	12 May 2026	Comments	Water clear; Trash-5; Kelp;Seagrass;Algae;Debris; Sewage-like odor
S10	19 May 2026	Arrive Time	950
S10	19 May 2026	Wind Speed (kts)	2.5
S10	19 May 2026	Wind Dir	NW
S10	19 May 2026	Animal Life	
S10	19 May 2026	Floatables	Foam
S10	19 May 2026	Current Direction	S
S10	19 May 2026	Water Temp (C)	17.5
S10	19 May 2026	High Tide Time	1248
S10	19 May 2026	Low Tide Time	616
S10	19 May 2026	Comments	Water clear; Trash-5; Kelp;Seagrass
S10	26 May 2026	Arrive Time	1106
S10	26 May 2026	Wind Speed (kts)	4.1
S10	26 May 2026	Wind Dir	SW
S10	26 May 2026	Animal Life	
S10	26 May 2026	Floatables	
S10	26 May 2026	Current Direction	N
S10	26 May 2026	Water Temp (C)	14.2
S10	26 May 2026	High Tide Time	651
S10	26 May 2026	Low Tide Time	115
S10	26 May 2026	Comments	Water clear; Trash-5; Kelp;Seagrass;Algae;Debris; Sewage-like odor
S5	06 May 2026	Arrive Time	821
S5	06 May 2026	Wind Speed (kts)	1.7
S5	06 May 2026	Wind Dir	E
S5	06 May 2026	Animal Life	Bird-5;
S5	06 May 2026	Floatables	Foam
S5	06 May 2026	Current Direction	S
S5	06 May 2026	Water Temp (C)	13.2
S5	06 May 2026	High Tide Time	1416
S5	06 May 2026	Low Tide Time	718
S5	06 May 2026	Comments	Water clear; Trash-3; Kelp;Seagrass; Sewage-like odor

Station	Date	Parameter	Value
S5	12 May 2026	Arrive Time	852
S5	12 May 2026	Wind Speed (kts)	5.7
S5	12 May 2026	Wind Dir	W
S5	12 May 2026	Animal Life	Bird-30;
S5	12 May 2026	Floatables	Foam
S5	12 May 2026	Current Direction	S
S5	12 May 2026	Water Temp (C)	16.2
S5	12 May 2026	High Tide Time	616
S5	12 May 2026	Low Tide Time	41
S5	12 May 2026	Comments	Water clear; Trash-4; Kelp;Seagrass; Person/Walker/Jogger-1; Sewage-like odor
S5	19 May 2026	Arrive Time	833
S5	19 May 2026	Wind Speed (kts)	3.7
S5	19 May 2026	Wind Dir	NW
S5	19 May 2026	Animal Life	Bird-5;
S5	19 May 2026	Floatables	Foam
S5	19 May 2026	Current Direction	S
S5	19 May 2026	Water Temp (C)	16.2
S5	19 May 2026	High Tide Time	1248
S5	19 May 2026	Low Tide Time	616
S5	19 May 2026	Comments	Water clear; Trash-3; Kelp;Seagrass; Sewage-like odor
S5	26 May 2026	Arrive Time	937
S5	26 May 2026	Wind Speed (kts)	0
S5	26 May 2026	Wind Dir	XX
S5	26 May 2026	Animal Life	
S5	26 May 2026	Floatables	Foam
S5	26 May 2026	Current Direction	N
S5	26 May 2026	Water Temp (C)	14.6
S5	26 May 2026	High Tide Time	651
S5	26 May 2026	Low Tide Time	115
S5	26 May 2026	Comments	Water clear; Trash-5; Kelp;Seagrass;Algae;Debris; Sewage-like odor
S11	06 May 2026	Arrive Time	851
S11	06 May 2026	Wind Speed (kts)	2.7
S11	06 May 2026	Wind Dir	NW
S11	06 May 2026	Animal Life	Bird-4;
S11	06 May 2026	Floatables	Foam
S11	06 May 2026	Current Direction	S
S11	06 May 2026	Water Temp (C)	13.6
S11	06 May 2026	High Tide Time	1416
S11	06 May 2026	Low Tide Time	718
S11	06 May 2026	Comments	Water clear; Trash-3; Kelp;Seagrass; Person/Walker/Jogger-2; Sewage-like odor
S11	12 May 2026	Arrive Time	913
S11	12 May 2026	Wind Speed (kts)	7.2
S11	12 May 2026	Wind Dir	W
S11	12 May 2026	Animal Life	
S11	12 May 2026	Floatables	Foam
S11	12 May 2026	Current Direction	S
S11	12 May 2026	Water Temp (C)	16.1
S11	12 May 2026	High Tide Time	616
S11	12 May 2026	Low Tide Time	41
S11	12 May 2026	Comments	Water clear; Trash-3; Kelp;Seagrass; Person/Walker/Jogger-3
S11	19 May 2026	Arrive Time	1339

Station	Date	Parameter	Value
S11	19 May 2026	Wind Speed (kts)	2.2
S11	19 May 2026	Wind Dir	NE
S11	19 May 2026	Animal Life	
S11	19 May 2026	Floatables	
S11	19 May 2026	Current Direction	S
S11	19 May 2026	Water Temp (C)	16.3
S11	19 May 2026	High Tide Time	1248
S11	19 May 2026	Low Tide Time	616
S11	19 May 2026	Comments	Water clear; Trash-3; Kelp;Seagrass; Sample collected on 0902 hrs @ S11location on 32 deg 33 min 40.7 sec N;117 deg 07 min 55.2 sec W. Sample entry performed post sampling due to app/tech difficulties. HPG 051920
S11	26 May 2026	Arrive Time	955
S11	26 May 2026	Wind Speed (kts)	1.1
S11	26 May 2026	Wind Dir	SW
S11	26 May 2026	Animal Life	
S11	26 May 2026	Floatables	Foam
S11	26 May 2026	Current Direction	N
S11	26 May 2026	Water Temp (C)	14.3
S11	26 May 2026	High Tide Time	651
S11	26 May 2026	Low Tide Time	115
S11	26 May 2026	Comments	Water clear; Trash-5; Kelp;Seagrass;Algae;Debris; Sewage-like odor
S6	06 May 2026	Arrive Time	903
S6	06 May 2026	Wind Speed (kts)	4.4
S6	06 May 2026	Wind Dir	NW
S6	06 May 2026	Animal Life	Bird-4; Dog-1;
S6	06 May 2026	Floatables	
S6	06 May 2026	Current Direction	S
S6	06 May 2026	Water Temp (C)	14.6
S6	06 May 2026	High Tide Time	1416
S6	06 May 2026	Low Tide Time	718
S6	06 May 2026	Comments	Water clear; Surfer/Paddle boarder-3; Trash-2; Kelp;Seagrass; Person/Walker/Jogger-4; Sewage-like odor
S6	12 May 2026	Arrive Time	925
S6	12 May 2026	Wind Speed (kts)	6.2
S6	12 May 2026	Wind Dir	W
S6	12 May 2026	Animal Life	
S6	12 May 2026	Floatables	Foam
S6	12 May 2026	Current Direction	S
S6	12 May 2026	Water Temp (C)	15.8
S6	12 May 2026	High Tide Time	616
S6	12 May 2026	Low Tide Time	41
S6	12 May 2026	Comments	Water clear; Trash-4; Seagrass;Kelp; Person/Walker/Jogger-2
S6	19 May 2026	Arrive Time	1346
S6	19 May 2026	Wind Speed (kts)	3.3
S6	19 May 2026	Wind Dir	W
S6	19 May 2026	Animal Life	Dog-1;
S6	19 May 2026	Floatables	
S6	19 May 2026	Current Direction	S
S6	19 May 2026	Water Temp (C)	17.3
S6	19 May 2026	High Tide Time	1248
S6	19 May 2026	Low Tide Time	616

Station	Date	Parameter	Value
S6	19 May 2026	Comments	Water clear; Trash-3; Kelp;Seagrass; Person/Walker/Jogger-1; Sample taken on 0915hrs @ S6 location on 32 deg 33 min 58.7 sec N; 117 deg 07 min 58.8 sec W. Sample entry post sampling due to app/tech difficulties.
S6	26 May 2026	Arrive Time	846
S6	26 May 2026	Wind Speed (kts)	0
S6	26 May 2026	Wind Dir	XX
S6	26 May 2026	Animal Life	
S6	26 May 2026	Floatables	
S6	26 May 2026	Current Direction	N
S6	26 May 2026	Water Temp (C)	13.6
S6	26 May 2026	High Tide Time	651
S6	26 May 2026	Low Tide Time	115
S6	26 May 2026	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae;Debris; Sewage-like odor
S12	06 May 2026	Arrive Time	923
S12	06 May 2026	Wind Speed (kts)	1.8
S12	06 May 2026	Wind Dir	NW
S12	06 May 2026	Animal Life	Bird-2;
S12	06 May 2026	Floatables	
S12	06 May 2026	Current Direction	S
S12	06 May 2026	Water Temp (C)	15.2
S12	06 May 2026	High Tide Time	1416
S12	06 May 2026	Low Tide Time	718
S12	06 May 2026	Comments	Water clear; Trash-2; Kelp;Seagrass; Person/Walker/Jogger-3; Sewage-like odor
S12	12 May 2026	Arrive Time	923
S12	12 May 2026	Wind Speed (kts)	8.3
S12	12 May 2026	Wind Dir	S
S12	12 May 2026	Animal Life	
S12	12 May 2026	Floatables	
S12	12 May 2026	Current Direction	N
S12	12 May 2026	Water Temp (C)	16.5
S12	12 May 2026	High Tide Time	616
S12	12 May 2026	Low Tide Time	41
S12	12 May 2026	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae;Debris; Sewage-like odor
S12	19 May 2026	Arrive Time	1351
S12	19 May 2026	Wind Speed (kts)	3.7
S12	19 May 2026	Wind Dir	W
S12	19 May 2026	Animal Life	Dog-2;
S12	19 May 2026	Floatables	
S12	19 May 2026	Current Direction	S
S12	19 May 2026	Water Temp (C)	17.7
S12	19 May 2026	High Tide Time	1248
S12	19 May 2026	Low Tide Time	616
S12	19 May 2026	Comments	Water clear; Trash-3; Kelp;Seagrass; Person/Walker/Jogger-4; Sample taken on 0946hrs @ S12 location on 32 deg 35 min 08.5 sec N; 117 deg 07 min 58.8 sec W. Sample entry post sampling due to app/tech difficulties.
S12	26 May 2026	Arrive Time	859
S12	26 May 2026	Wind Speed (kts)	1.8
S12	26 May 2026	Wind Dir	W
S12	26 May 2026	Animal Life	Bird-4;
S12	26 May 2026	Floatables	
S12	26 May 2026	Current Direction	S

Station	Date	Parameter	Value
S12	26 May 2026	Water Temp (C)	12.6
S12	26 May 2026	High Tide Time	651
S12	26 May 2026	Low Tide Time	115
S12	26 May 2026	Comments	Water clear; Trash-3; Kelp;Seagrass; Person/Walker/Jogger-1
S8	06 May 2026	Arrive Time	759
S8	06 May 2026	Wind Speed (kts)	2.4
S8	06 May 2026	Wind Dir	S
S8	06 May 2026	Animal Life	
S8	06 May 2026	Floatables	Dead animals
S8	06 May 2026	Current Direction	S
S8	06 May 2026	Water Temp (C)	14.3
S8	06 May 2026	High Tide Time	1416
S8	06 May 2026	Low Tide Time	718
S8	06 May 2026	Comments	Water clear; Trash-1; Kelp;Seagrass; Person/Walker/Jogger-224; Sewage-like odor
S8	12 May 2026	Arrive Time	856
S8	12 May 2026	Wind Speed (kts)	7.7
S8	12 May 2026	Wind Dir	SW
S8	12 May 2026	Animal Life	
S8	12 May 2026	Floatables	Foam
S8	12 May 2026	Current Direction	N
S8	12 May 2026	Water Temp (C)	17
S8	12 May 2026	High Tide Time	616
S8	12 May 2026	Low Tide Time	41
S8	12 May 2026	Comments	Water clear; Trash-4; Kelp;Seagrass;Algae;Debris
S8	19 May 2026	Arrive Time	810
S8	19 May 2026	Wind Speed (kts)	0
S8	19 May 2026	Wind Dir	XX
S8	19 May 2026	Animal Life	
S8	19 May 2026	Floatables	Foam
S8	19 May 2026	Current Direction	S
S8	19 May 2026	Water Temp (C)	14.5
S8	19 May 2026	High Tide Time	1248
S8	19 May 2026	Low Tide Time	616
S8	19 May 2026	Comments	Water clear; Trash-2; Kelp;Seagrass; Person/Walker/Jogger-2
S8	26 May 2026	Arrive Time	838
S8	26 May 2026	Wind Speed (kts)	2.9
S8	26 May 2026	Wind Dir	NW
S8	26 May 2026	Animal Life	
S8	26 May 2026	Floatables	
S8	26 May 2026	Current Direction	S
S8	26 May 2026	Water Temp (C)	12.3
S8	26 May 2026	High Tide Time	651
S8	26 May 2026	Low Tide Time	115
S8	26 May 2026	Comments	Water clear; Trash-2; Kelp;Seagrass
S9	06 May 2026	Arrive Time	739
S9	06 May 2026	Wind Speed (kts)	0
S9	06 May 2026	Wind Dir	XX
S9	06 May 2026	Animal Life	
S9	06 May 2026	Floatables	
S9	06 May 2026	Current Direction	S
S9	06 May 2026	Water Temp (C)	12.8
S9	06 May 2026	High Tide Time	1416
S9	06 May 2026	Low Tide Time	718

Station	Date	Parameter	Value
S9	06 May 2026	Comments	Water clear; Trash-2; Kelp;Seagrass; Person/Walker/Jogger-3
S9	12 May 2026	Arrive Time	834
S9	12 May 2026	Wind Speed (kts)	3.6
S9	12 May 2026	Wind Dir	SW
S9	12 May 2026	Animal Life	
S9	12 May 2026	Floatables	
S9	12 May 2026	Current Direction	N
S9	12 May 2026	Water Temp (C)	16.5
S9	12 May 2026	High Tide Time	616
S9	12 May 2026	Low Tide Time	41
S9	12 May 2026	Comments	Water clear; Trash-4; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-1
S9	19 May 2026	Arrive Time	747
S9	19 May 2026	Wind Speed (kts)	0
S9	19 May 2026	Wind Dir	XX
S9	19 May 2026	Animal Life	Seagull-4;
S9	19 May 2026	Floatables	
S9	19 May 2026	Current Direction	S
S9	19 May 2026	Water Temp (C)	15
S9	19 May 2026	High Tide Time	1248
S9	19 May 2026	Low Tide Time	616
S9	19 May 2026	Comments	Water clear; Trash-1; Kelp
S9	26 May 2026	Arrive Time	816
S9	26 May 2026	Wind Speed (kts)	2.6
S9	26 May 2026	Wind Dir	NW
S9	26 May 2026	Animal Life	Bird-17;
S9	26 May 2026	Floatables	
S9	26 May 2026	Current Direction	S
S9	26 May 2026	Water Temp (C)	13.1
S9	26 May 2026	High Tide Time	651
S9	26 May 2026	Low Tide Time	115
S9	26 May 2026	Comments	Water clear; Trash-2; Kelp;Seagrass

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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 May 2026	*5	*3	*3	*2	*4	*2	*3
02 May 2026	*5	*3	*3	*2	*4	*2	*3
03 May 2026	*5	*3	*3	*2	*4	*2	*3
04 May 2026	6	3	3	2	3	2	3
05 May 2026	6	3	3	2	3	2	3
06 May 2026	*8	*3	*3	*2	*2	*2	*3
07 May 2026	*8	*3	*3	*2	*2	*2	*3
08 May 2026	*8	*3	*3	*2	*2	*2	*3
09 May 2026	*8	*3	*3	*2	*2	*2	*3
10 May 2026	*8	*3	*3	*2	*2	*2	*3
11 May 2026	6	3	3	2	2	2	3
12 May 2026	6	3	3	2	2	2	3
13 May 2026	6	3	3	2	2	2	3
14 May 2026	*6	*2	*2	*2	*2	*2	*2
15 May 2026	*6	*2	*2	*2	*2	*2	*2
16 May 2026	*6	*2	*2	*2	*2	*2	*2
17 May 2026	*6	*2	*2	*2	*2	*2	*2
18 May 2026	*6	*2	*2	*2	*2	*2	*2
19 May 2026	5	2	2	2	2	2	2
20 May 2026	5	2	2	2	2	2	2
21 May 2026	*6	*2	*2	*2	*2	*2	*2
22 May 2026	*6	*2	*2	*2	*2	*2	*2
23 May 2026	*6	*2	*2	*2	*2	*2	*2
24 May 2026	*6	*2	*2	*2	*2	*2	*2
25 May 2026	*6	*2	*2	*2	*2	*2	*2
26 May 2026	7	2	2	2	2	2	2
27 May 2026	7	2	2	2	2	2	2
28 May 2026	*5	*2	*2	*2	*2	*2	*2
29 May 2026	*5	*2	*2	*2	*2	*2	*2
30 May 2026	*5	*2	*2	*2	*2	*2	*2
31 May 2026	*5	*2	*2	*2	*2	*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
04 May 2026	IC	IC	IC	IC	IC	IC	IC
11 May 2026	IC	IC	IC	IC	IC	IC	IC
19 May 2026	IC	IC	IC	IC	IC	IC	IC
26 May 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 May 2026	6	36	7	6	14	2	25
02 May 2026	6	36	7	6	14	2	25
03 May 2026	6	36	7	6	14	2	25
04 May 2026	12	24	6	6	10	2	19
05 May 2026	10	12	7	8	14	2	11
06 May 2026	10	12	7	8	14	2	11
07 May 2026	10	12	7	8	14	2	11
08 May 2026	10	12	7	8	14	2	11
09 May 2026	10	12	7	8	14	2	11
10 May 2026	10	12	7	8	14	2	11
11 May 2026	9	9	5	5	6	2	9
12 May 2026	9	9	5	5	6	2	9
13 May 2026	9	9	5	5	6	2	9
14 May 2026	9	9	5	5	6	2	9
15 May 2026	9	9	5	5	6	2	9
16 May 2026	9	9	5	5	6	2	9
17 May 2026	9	9	5	5	6	2	9
18 May 2026	13	6	6	3	2	3	5
19 May 2026	12	5	5	3	2	2	5
20 May 2026	12	5	5	3	2	2	5
21 May 2026	12	5	5	3	2	2	5
22 May 2026	12	5	5	3	2	2	5
23 May 2026	12	5	5	3	2	2	5
24 May 2026	12	5	5	3	2	2	5
25 May 2026	12	5	5	3	2	2	5
26 May 2026	8	3	3	3	2	3	5
27 May 2026	8	3	3	3	2	3	5
28 May 2026	8	3	3	3	2	3	5
29 May 2026	8	3	3	3	2	3	5
30 May 2026	8	3	3	3	2	3	5
31 May 2026	8	3	3	3	2	3	5

* 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
May	E	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.

Date	I19			I24			I25			I26			I32			I39			I40		
	2m	6m	11m	2m	6m	11m	2m	6m	9m	2m	6m	9m	2m	6m	9m	2m	12m	18m	2m	6m	9m
01 May 2026	*11	*19	*20	*11	*11	*11	*11	*9	*2	*2	*2	*4	*11	*2	*4	*2	*2	*6	*3	*24	*20
02 May 2026	*11	*19	*20	*11	*11	*11	*11	*9	*2	*2	*2	*4	*11	*2	*4	*2	*2	*6	*3	*24	*20
03 May 2026	*11	*19	*20	*11	*11	*11	*11	*9	*2	*2	*2	*4	*11	*2	*4	*2	*2	*6	*3	*24	*20
04 May 2026	20	36	20	20	20	20	2	6	2	2	2	6	2	2	6	2	2	8	2	14	20
05 May 2026	20	36	20	20	20	20	2	6	2	2	2	6	2	2	6	2	2	8	2	14	20
06 May 2026	*130	*48	*30	*20	*20	*11	*11	*11	*12	*2	*2	*4	*2	*2	*4	*2	*4	*9	*2	*28	*20
07 May 2026	*130	*48	*30	*20	*20	*11	*11	*11	*12	*2	*2	*4	*2	*2	*4	*2	*4	*9	*2	*28	*20
08 May 2026	*130	*48	*30	*20	*20	*11	*11	*11	*12	*2	*2	*4	*2	*2	*4	*2	*4	*9	*2	*28	*20
09 May 2026	*130	*48	*30	*20	*20	*11	*11	*11	*12	*2	*2	*4	*2	*2	*4	*2	*4	*9	*2	*28	*20
10 May 2026	*130	*48	*30	*20	*20	*11	*11	*11	*12	*2	*2	*4	*2	*2	*4	*2	*4	*9	*2	*28	*20
11 May 2026	20	36	20	20	20	2	2	6	2	2	2	2	2	2	2	2	2	8	2	20	20
12 May 2026	20	36	20	20	20	2	2	6	2	2	2	2	2	2	2	2	2	8	2	20	20
13 May 2026	20	36	20	20	20	2	2	6	2	2	2	2	2	2	2	2	2	8	2	20	20
14 May 2026	*121	*21	*30	*12	*11	*2	*2	*4	*2	*2	*2	*2	*2	*2	*2	*2	*2	*5	*2	*17	*20
15 May 2026	*121	*21	*30	*12	*11	*2	*2	*4	*2	*2	*2	*2	*2	*2	*2	*2	*2	*5	*2	*17	*20
16 May 2026	*121	*21	*30	*12	*11	*2	*2	*4	*2	*2	*2	*2	*2	*2	*2	*2	*2	*5	*2	*17	*20
17 May 2026	*121	*21	*30	*12	*11	*2	*2	*4	*2	*2	*2	*2	*2	*2	*2	*2	*2	*5	*2	*17	*20
18 May 2026	*121	*21	*30	*12	*11	*2	*2	*4	*2	*2	*2	*2	*2	*2	*2	*2	*2	*5	*2	*17	*20
19 May 2026	8	6	40	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	20	20
20 May 2026	8	6	40	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	20	20
21 May 2026	*124	*21	*40	*3	*2	*2	*2	*2	*4	*2	*2	*5	*2	*2	*2	*2	*2	*2	*7	*20	*20
22 May 2026	*124	*21	*40	*3	*2	*2	*2	*2	*4	*2	*2	*5	*2	*2	*2	*2	*2	*2	*7	*20	*20
23 May 2026	*124	*21	*40	*3	*2	*2	*2	*2	*4	*2	*2	*5	*2	*2	*2	*2	*2	*2	*7	*20	*20
24 May 2026	*124	*21	*40	*3	*2	*2	*2	*2	*4	*2	*2	*5	*2	*2	*2	*2	*2	*2	*7	*20	*20
25 May 2026	*124	*21	*40	*3	*2	*2	*2	*2	*4	*2	*2	*5	*2	*2	*2	*2	*2	*2	*7	*20	*20
26 May 2026	60	36	40	4	2	2	2	2	6	2	2	8	2	2	2	2	2	2	12	20	20
27 May 2026	60	36	40	4	2	2	2	2	6	2	2	8	2	2	2	2	2	2	12	20	20
28 May 2026	*34	*33	*40	*12	*11	*11	*2	*4	*6	*2	*2	*9	*2	*11	*2	*2	*4	*3	*26	*20	*20
29 May 2026	*34	*33	*40	*12	*11	*11	*2	*4	*6	*2	*2	*9	*2	*11	*2	*2	*4	*3	*26	*20	*20
30 May 2026	*34	*33	*40	*12	*11	*11	*2	*4	*6	*2	*2	*9	*2	*11	*2	*2	*4	*3	*26	*20	*20
31 May 2026	*34	*33	*40	*12	*11	*11	*2	*4	*6	*2	*2	*9	*2	*11	*2	*2	*4	*3	*26	*20	*20

* 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 mL in 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
May	E	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	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	04 May 2026	1048	2	240e	32e	2000e
I19	04 May 2026	1048	6	60e	4e	120e
I19	04 May 2026	1048	11	40e	10e	10e
I19	11 May 2026	1048	2	<2	<2	<2
I19	11 May 2026	1048	6	6e	2e	4e
I19	11 May 2026	1048	11	<20	2e	4e
I19	19 May 2026	1113	2	8e	<2	<2
I19	19 May 2026	1113	6	<2	<2	2e
I19	19 May 2026	1113	11	40e	2e	<20
I19	26 May 2026	1046	2	60e	10e	<2
I19	26 May 2026	1046	6	140	18e	<2
I19	26 May 2026	1046	11	120e	16e	<2
I24	04 May 2026	1109	2	28e	<2	<2
I24	04 May 2026	1109	6	22e	<2	<2
I24	04 May 2026	1109	11	<2	2e	2e
I24	11 May 2026	1109	2	4e	<2	14e
I24	11 May 2026	1109	6	2e	<2	2e
I24	11 May 2026	1109	11	2e	<2	<2
I24	19 May 2026	1133	2	<2	<2	<2
I24	19 May 2026	1133	6	2e	<2	<2
I24	19 May 2026	1133	11	<20	<2	2e
I24	26 May 2026	1109	2	<20	<2	2e
I24	26 May 2026	1109	6	<20	2e	2e
I24	26 May 2026	1109	11	<20	<2	<2
I25	04 May 2026	1116	2	<2	<2	<2
I25	04 May 2026	1116	6	6e	<2	<2
I25	04 May 2026	1116	9	40e	2e	<2
I25	11 May 2026	1123	2	<2	<2	<2
I25	11 May 2026	1123	6	<2	2e	<2
I25	11 May 2026	1123	9	<2	<2	2e
I25	19 May 2026	1140	2	<2	<2	<2
I25	19 May 2026	1140	6	2e	<2	<2
I25	19 May 2026	1140	9	6e	<2	<2
I25	26 May 2026	1123	2	<20	<2	<2
I25	26 May 2026	1123	6	<20	<2	<2
I25	26 May 2026	1123	9	6e	<2	<2
I26	04 May 2026	1126	2	<2	<2	<2
I26	04 May 2026	1126	6	<2	<2	<2
I26	04 May 2026	1126	9	<20	<2	<20

Station	Date	Time	Depth	Total	Fecal	Entero
I26	11 May 2026	1133	2	<2	<2	<2
I26	11 May 2026	1133	6	<2	<2	<2
I26	11 May 2026	1133	9	2e	<2	2e
I26	19 May 2026	1149	2	<2	<2	2e
I26	19 May 2026	1149	6	<2	<2	2e
I26	19 May 2026	1149	9	8e	<2	<2
I26	26 May 2026	1140	2	<2	<2	<2
I26	26 May 2026	1140	6	<20	<2	<2
I26	26 May 2026	1140	9	10e	<2	<2
I32	04 May 2026	1140	2	<2	<2	<2
I32	04 May 2026	1140	6	<20	<2	<2
I32	04 May 2026	1140	9	6e	<2	<2
I32	11 May 2026	1146	2	<2	<2	<2
I32	11 May 2026	1146	6	<2	<2	<2
I32	11 May 2026	1146	9	<2	4e	6e
I32	19 May 2026	1202	2	<2	<2	<2
I32	19 May 2026	1202	6	<2	<2	<2
I32	19 May 2026	1202	9	<2	<2	<2
I32	26 May 2026	1153	2	140e	6e	<2
I32	26 May 2026	1153	6	60e	2e	<2
I32	26 May 2026	1153	9	2e	<2	2e
I39	04 May 2026	1027	2	52	<2	<2
I39	04 May 2026	1027	12	6e	<2	<2
I39	04 May 2026	1027	18	8e	<2	2e
I39	11 May 2026	1026	2	<2	<2	<2
I39	11 May 2026	1026	12	<2	<2	<2
I39	11 May 2026	1026	18	2e	<2	<2
I39	19 May 2026	1051	2	<2	<2	<2
I39	19 May 2026	1051	12	<2	<2	<2
I39	19 May 2026	1051	18	<2	<2	<2
I39	26 May 2026	1025	2	2e	<2	2e
I39	26 May 2026	1025	12	10e	2e	22e
I39	26 May 2026	1025	18	4e	<2	16e
I40	04 May 2026	1101	2	<2	<2	<2
I40	04 May 2026	1101	6	14e	2e	2e
I40	04 May 2026	1101	9	120e	4e	6e
I40	11 May 2026	1100	2	12e	4e	14e
I40	11 May 2026	1100	6	20e	4e	4e
I40	11 May 2026	1100	9	6e	2e	<2
I40	19 May 2026	1125	2	40e	<2	6e
I40	19 May 2026	1125	6	<20	<2	4e
I40	19 May 2026	1125	9	<20	2e	4e
I40	26 May 2026	1059	2	60e	2e	16e
I40	26 May 2026	1059	6	<20	<2	<2
I40	26 May 2026	1059	9	<20	<2	4e

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	04 May 2026	Arrive Time	1048
I19	04 May 2026	Depart Time	1053
I19	04 May 2026	Air Temp (C)	19.2
I19	04 May 2026	Visibility (mi)	10
I19	04 May 2026	Wind Speed (kts)	2.5
I19	04 May 2026	Wind Dir	W
I19	04 May 2026	Sea State	Light Chop
I19	04 May 2026	High Tide Time	2236
I19	04 May 2026	Low Tide Time	542
I19	04 May 2026	Comments	
I19	11 May 2026	Arrive Time	1048
I19	11 May 2026	Depart Time	1053
I19	11 May 2026	Air Temp (C)	19.9
I19	11 May 2026	Visibility (mi)	6
I19	11 May 2026	Wind Speed (kts)	2
I19	11 May 2026	Wind Dir	W
I19	11 May 2026	Sea State	Calm
I19	11 May 2026	High Tide Time	1830
I19	11 May 2026	Low Tide Time	1142
I19	11 May 2026	Comments	thin surface slick of brown material
I19	19 May 2026	Arrive Time	1113
I19	19 May 2026	Depart Time	1122
I19	19 May 2026	Air Temp (C)	20.5
I19	19 May 2026	Visibility (mi)	10
I19	19 May 2026	Wind Speed (kts)	6.4
I19	19 May 2026	Wind Dir	N
I19	19 May 2026	Sea State	Calm
I19	19 May 2026	High Tide Time	2330
I19	19 May 2026	Low Tide Time	612
I19	19 May 2026	Comments	
I19	26 May 2026	Arrive Time	1046
I19	26 May 2026	Depart Time	1051
I19	26 May 2026	Air Temp (C)	18.1
I19	26 May 2026	Visibility (mi)	6
I19	26 May 2026	Wind Speed (kts)	3.2
I19	26 May 2026	Wind Dir	NW
I19	26 May 2026	Sea State	Light Chop
I19	26 May 2026	High Tide Time	1906
I19	26 May 2026	Low Tide Time	112
I19	26 May 2026	Comments	
I40	04 May 2026	Arrive Time	1100
I40	04 May 2026	Depart Time	1105
I40	04 May 2026	Air Temp (C)	17.9
I40	04 May 2026	Visibility (mi)	10
I40	04 May 2026	Wind Speed (kts)	3.9
I40	04 May 2026	Wind Dir	W
I40	04 May 2026	Sea State	Light Chop
I40	04 May 2026	High Tide Time	2236
I40	04 May 2026	Low Tide Time	542
I40	04 May 2026	Comments	
I40	11 May 2026	Arrive Time	1100

Station	Date	Parameter	Value
I40	11 May 2026	Depart Time	1104
I40	11 May 2026	Air Temp (C)	18.6
I40	11 May 2026	Visibility (mi)	6
I40	11 May 2026	Wind Speed (kts)	1.6
I40	11 May 2026	Wind Dir	N
I40	11 May 2026	Sea State	Calm
I40	11 May 2026	High Tide Time	1830
I40	11 May 2026	Low Tide Time	1142
I40	11 May 2026	Comments	
I40	19 May 2026	Arrive Time	1125
I40	19 May 2026	Depart Time	1130
I40	19 May 2026	Air Temp (C)	19.2
I40	19 May 2026	Visibility (mi)	10
I40	19 May 2026	Wind Speed (kts)	6.7
I40	19 May 2026	Wind Dir	NW
I40	19 May 2026	Sea State	Calm
I40	19 May 2026	High Tide Time	2330
I40	19 May 2026	Low Tide Time	612
I40	19 May 2026	Comments	
I40	26 May 2026	Arrive Time	1059
I40	26 May 2026	Depart Time	1103
I40	26 May 2026	Air Temp (C)	17.3
I40	26 May 2026	Visibility (mi)	6
I40	26 May 2026	Wind Speed (kts)	4.1
I40	26 May 2026	Wind Dir	NW
I40	26 May 2026	Sea State	Light Chop
I40	26 May 2026	High Tide Time	1906
I40	26 May 2026	Low Tide Time	112
I40	26 May 2026	Comments	
I24	04 May 2026	Arrive Time	1108
I24	04 May 2026	Depart Time	1113
I24	04 May 2026	Air Temp (C)	17.7
I24	04 May 2026	Visibility (mi)	10
I24	04 May 2026	Wind Speed (kts)	6.2
I24	04 May 2026	Wind Dir	W
I24	04 May 2026	Sea State	Light Chop
I24	04 May 2026	High Tide Time	2236
I24	04 May 2026	Low Tide Time	542
I24	04 May 2026	Comments	
I24	11 May 2026	Arrive Time	1109
I24	11 May 2026	Depart Time	1114
I24	11 May 2026	Air Temp (C)	18.8
I24	11 May 2026	Visibility (mi)	6
I24	11 May 2026	Wind Speed (kts)	2.7
I24	11 May 2026	Wind Dir	NW
I24	11 May 2026	Sea State	Calm
I24	11 May 2026	High Tide Time	1830
I24	11 May 2026	Low Tide Time	1142
I24	11 May 2026	Comments	
I24	19 May 2026	Arrive Time	1133
I24	19 May 2026	Depart Time	1139
I24	19 May 2026	Air Temp (C)	19.4
I24	19 May 2026	Visibility (mi)	10
I24	19 May 2026	Wind Speed (kts)	4.2
I24	19 May 2026	Wind Dir	N
I24	19 May 2026	Sea State	Calm

Station	Date	Parameter	Value
I24	19 May 2026	High Tide Time	2330
I24	19 May 2026	Low Tide Time	612
I24	19 May 2026	Comments	
I24	26 May 2026	Arrive Time	1109
I24	26 May 2026	Depart Time	1121
I24	26 May 2026	Air Temp (C)	18.2
I24	26 May 2026	Visibility (mi)	6
I24	26 May 2026	Wind Speed (kts)	4.4
I24	26 May 2026	Wind Dir	NW
I24	26 May 2026	Sea State	Light Chop
I24	26 May 2026	High Tide Time	1906
I24	26 May 2026	Low Tide Time	112
I24	26 May 2026	Comments	Re-cast due to low salinity at surface-possible bubble in sensor.
I25	04 May 2026	Arrive Time	1115
I25	04 May 2026	Depart Time	1120
I25	04 May 2026	Air Temp (C)	17.8
I25	04 May 2026	Visibility (mi)	10
I25	04 May 2026	Wind Speed (kts)	7.2
I25	04 May 2026	Wind Dir	W
I25	04 May 2026	Sea State	Light Chop
I25	04 May 2026	High Tide Time	2236
I25	04 May 2026	Low Tide Time	542
I25	04 May 2026	Comments	
I25	11 May 2026	Arrive Time	1118
I25	11 May 2026	Depart Time	1126
I25	11 May 2026	Air Temp (C)	18.5
I25	11 May 2026	Visibility (mi)	6
I25	11 May 2026	Wind Speed (kts)	3.7
I25	11 May 2026	Wind Dir	NW
I25	11 May 2026	Sea State	Calm
I25	11 May 2026	High Tide Time	1830
I25	11 May 2026	Low Tide Time	1142
I25	11 May 2026	Comments	Did not get 9m depth; recast
I25	19 May 2026	Arrive Time	1140
I25	19 May 2026	Depart Time	1145
I25	19 May 2026	Air Temp (C)	19.7
I25	19 May 2026	Visibility (mi)	10
I25	19 May 2026	Wind Speed (kts)	4.8
I25	19 May 2026	Wind Dir	NW
I25	19 May 2026	Sea State	Calm
I25	19 May 2026	High Tide Time	2330
I25	19 May 2026	Low Tide Time	612
I25	19 May 2026	Comments	Possible Freshwater Lens
I25	26 May 2026	Arrive Time	1123
I25	26 May 2026	Depart Time	1133
I25	26 May 2026	Air Temp (C)	18.3
I25	26 May 2026	Visibility (mi)	6
I25	26 May 2026	Wind Speed (kts)	4.9
I25	26 May 2026	Wind Dir	NW
I25	26 May 2026	Sea State	Light Chop
I25	26 May 2026	High Tide Time	1906
I25	26 May 2026	Low Tide Time	112
I25	26 May 2026	Comments	Re-cast due to missing surface bin.
I39	04 May 2026	Arrive Time	1027

Station	Date	Parameter	Value
I39	04 May 2026	Depart Time	1031
I39	04 May 2026	Air Temp (C)	18.6
I39	04 May 2026	Visibility (mi)	10
I39	04 May 2026	Wind Speed (kts)	4.6
I39	04 May 2026	Wind Dir	W
I39	04 May 2026	Sea State	Light Chop
I39	04 May 2026	High Tide Time	2236
I39	04 May 2026	Low Tide Time	542
I39	04 May 2026	Comments	
I39	11 May 2026	Arrive Time	1025
I39	11 May 2026	Depart Time	1030
I39	11 May 2026	Air Temp (C)	17.5
I39	11 May 2026	Visibility (mi)	6
I39	11 May 2026	Wind Speed (kts)	1.9
I39	11 May 2026	Wind Dir	N
I39	11 May 2026	Sea State	Calm
I39	11 May 2026	High Tide Time	1830
I39	11 May 2026	Low Tide Time	1142
I39	11 May 2026	Comments	
I39	19 May 2026	Arrive Time	1051
I39	19 May 2026	Depart Time	1058
I39	19 May 2026	Air Temp (C)	20.8
I39	19 May 2026	Visibility (mi)	10
I39	19 May 2026	Wind Speed (kts)	4.9
I39	19 May 2026	Wind Dir	NW
I39	19 May 2026	Sea State	Calm
I39	19 May 2026	High Tide Time	2330
I39	19 May 2026	Low Tide Time	612
I39	19 May 2026	Comments	
I39	26 May 2026	Arrive Time	1025
I39	26 May 2026	Depart Time	1028
I39	26 May 2026	Air Temp (C)	19
I39	26 May 2026	Visibility (mi)	6
I39	26 May 2026	Wind Speed (kts)	4.5
I39	26 May 2026	Wind Dir	NW
I39	26 May 2026	Sea State	Light Chop
I39	26 May 2026	High Tide Time	1906
I39	26 May 2026	Low Tide Time	112
I39	26 May 2026	Comments	
I26	04 May 2026	Arrive Time	1125
I26	04 May 2026	Depart Time	1129
I26	04 May 2026	Air Temp (C)	17.9
I26	04 May 2026	Visibility (mi)	10
I26	04 May 2026	Wind Speed (kts)	3.9
I26	04 May 2026	Wind Dir	NW
I26	04 May 2026	Sea State	Light Chop
I26	04 May 2026	High Tide Time	2236
I26	04 May 2026	Low Tide Time	542
I26	04 May 2026	Comments	
I26	11 May 2026	Arrive Time	1133
I26	11 May 2026	Depart Time	1136
I26	11 May 2026	Air Temp (C)	18.1
I26	11 May 2026	Visibility (mi)	6
I26	11 May 2026	Wind Speed (kts)	3.9
I26	11 May 2026	Wind Dir	NW
I26	11 May 2026	Sea State	Calm

Station	Date	Parameter	Value
I26	11 May 2026	High Tide Time	1830
I26	11 May 2026	Low Tide Time	1142
I26	11 May 2026	Comments	
I26	19 May 2026	Arrive Time	1149
I26	19 May 2026	Depart Time	1154
I26	19 May 2026	Air Temp (C)	19.3
I26	19 May 2026	Visibility (mi)	10
I26	19 May 2026	Wind Speed (kts)	7.9
I26	19 May 2026	Wind Dir	N
I26	19 May 2026	Sea State	Calm
I26	19 May 2026	High Tide Time	2330
I26	19 May 2026	Low Tide Time	612
I26	19 May 2026	Comments	
I26	26 May 2026	Arrive Time	1140
I26	26 May 2026	Depart Time	1143
I26	26 May 2026	Air Temp (C)	18.4
I26	26 May 2026	Visibility (mi)	6
I26	26 May 2026	Wind Speed (kts)	5.9
I26	26 May 2026	Wind Dir	NW
I26	26 May 2026	Sea State	Light Chop
I26	26 May 2026	High Tide Time	1906
I26	26 May 2026	Low Tide Time	112
I26	26 May 2026	Comments	
I32	04 May 2026	Arrive Time	1137
I32	04 May 2026	Depart Time	1142
I32	04 May 2026	Air Temp (C)	17.5
I32	04 May 2026	Visibility (mi)	10
I32	04 May 2026	Wind Speed (kts)	5.1
I32	04 May 2026	Wind Dir	NW
I32	04 May 2026	Sea State	Light Chop
I32	04 May 2026	High Tide Time	2236
I32	04 May 2026	Low Tide Time	542
I32	04 May 2026	Comments	
I32	11 May 2026	Arrive Time	1146
I32	11 May 2026	Depart Time	1151
I32	11 May 2026	Air Temp (C)	18.3
I32	11 May 2026	Visibility (mi)	6
I32	11 May 2026	Wind Speed (kts)	4.2
I32	11 May 2026	Wind Dir	W
I32	11 May 2026	Sea State	Calm
I32	11 May 2026	High Tide Time	1830
I32	11 May 2026	Low Tide Time	1142
I32	11 May 2026	Comments	
I32	19 May 2026	Arrive Time	1202
I32	19 May 2026	Depart Time	1208
I32	19 May 2026	Air Temp (C)	19.4
I32	19 May 2026	Visibility (mi)	10
I32	19 May 2026	Wind Speed (kts)	5.6
I32	19 May 2026	Wind Dir	NW
I32	19 May 2026	Sea State	Calm
I32	19 May 2026	High Tide Time	2330
I32	19 May 2026	Low Tide Time	612
I32	19 May 2026	Comments	
I32	26 May 2026	Arrive Time	1153
I32	26 May 2026	Depart Time	1245

Station	Date	Parameter	Value
I32	26 May 2026	Air Temp (C)	18.4
I32	26 May 2026	Visibility (mi)	6
I32	26 May 2026	Wind Speed (kts)	5.4
I32	26 May 2026	Wind Dir	NW
I32	26 May 2026	Sea State	Light Chop
I32	26 May 2026	High Tide Time	1906
I32	26 May 2026	Low Tide Time	112
I32	26 May 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 (μ g/L)
I19	04 May 2026	1	16.42	73.89	8.5	33.23	8.2	24.3	0.94
I19	04 May 2026	2	16.42	73.90	8.7	33.27	8.2	24.3	0.96
I19	04 May 2026	3	16.33	76.36	9.1	33.43	8.2	24.5	1.05
I19	04 May 2026	4	16.24	81.55	9.2	33.44	8.2	24.5	1.22
I19	04 May 2026	5	15.75	81.26	9.0	33.48	8.2	24.6	2.98
I19	04 May 2026	6	15.57	68.01	8.9	33.44	8.2	24.6	14.63
I19	04 May 2026	7	15.00	62.92	8.6	33.49	8.2	24.8	15.97
I19	04 May 2026	8	14.89	64.19	8.3	33.44	8.2	24.8	13.28
I19	04 May 2026	9	14.58	66.89	7.9	33.47	8.1	24.9	13.95
I19	04 May 2026	10	14.17	67.46	7.0	33.47	8.0	25.0	7.41
I19	11 May 2026	1	18.43	71.05	8.3	33.40	8.2	23.9	2.17
I19	11 May 2026	2	18.26	71.13	8.3	33.41	8.2	24.0	2.27
I19	11 May 2026	3	17.94	71.38	8.3	33.44	8.2	24.1	2.34
I19	11 May 2026	4	17.66	71.68	8.0	33.45	8.2	24.2	2.67
I19	11 May 2026	5	16.87	71.76	7.6	33.52	8.2	24.4	3.20
I19	11 May 2026	6	14.96	71.47	6.5	33.60	8.1	24.9	4.15
I19	11 May 2026	7	13.14	69.44	5.0	33.59	7.9	25.3	4.98
I19	11 May 2026	8	12.78	69.33	3.8	33.55	7.8	25.3	4.96
I19	11 May 2026	9	12.41	66.30	3.6	33.56	7.7	25.4	5.94
I19	11 May 2026	10	12.17	62.37	3.4	33.59	7.7	25.5	4.15
I19	19 May 2026	1	18.72	74.52	7.8	33.38	8.2	23.9	1.35
I19	19 May 2026	2	18.44	72.57	7.8	33.41	8.2	23.9	1.39
I19	19 May 2026	3	18.11	73.58	7.9	33.44	8.2	24.0	1.40
I19	19 May 2026	4	18.05	79.38	7.9	33.44	8.2	24.1	1.23
I19	19 May 2026	5	17.97	83.35	7.8	33.45	8.2	24.1	1.11
I19	19 May 2026	6	17.86	85.28	7.8	33.44	8.2	24.1	1.28
I19	19 May 2026	7	17.66	84.06	7.6	33.45	8.2	24.2	1.68
I19	19 May 2026	8	17.20	73.29	7.4	33.45	8.1	24.3	3.12
I19	19 May 2026	9	16.83	46.01	7.1	33.46	8.1	24.4	4.19
I19	19 May 2026	10	15.53	24.38	6.6	33.55	8.1	24.7	5.08
I19	26 May 2026	1	14.29	64.60	7.8	33.38	8.1	24.9	6.09
I19	26 May 2026	2	14.32	64.42	7.8	33.38	8.1	24.9	5.62
I19	26 May 2026	3	14.28	64.07	7.8	33.38	8.1	24.9	5.90
I19	26 May 2026	4	13.99	64.41	7.6	33.44	8.1	25.0	7.73
I19	26 May 2026	5	13.68	66.94	7.2	33.43	8.0	25.0	7.61
I19	26 May 2026	6	13.48	75.15	6.9	33.45	8.0	25.1	5.91
I19	26 May 2026	7	13.35	77.41	6.5	33.48	8.0	25.1	5.22
I19	26 May 2026	8	13.08	78.04	6.3	33.44	8.0	25.2	5.11
I19	26 May 2026	9	13.04	74.96	6.2	33.43	7.9	25.2	6.25
I19	26 May 2026	10	12.92	69.42	6.0	33.42	7.9	25.2	7.47
I40	04 May 2026	1	16.29	72.71	8.5	33.44	8.2	24.5	1.30
I40	04 May 2026	2	16.29	66.94	8.4	33.44	8.2	24.5	1.21
I40	04 May 2026	3	15.98	71.21	8.5	33.48	8.2	24.6	1.40
I40	04 May 2026	4	15.12	71.36	8.2	33.51	8.2	24.8	3.05
I40	04 May 2026	5	14.50	68.97	7.8	33.48	8.1	24.9	6.29
I40	04 May 2026	6	14.08	69.62	7.3	33.45	8.1	25.0	8.13
I40	04 May 2026	7	14.07	71.92	7.2	33.44	8.0	25.0	7.77
I40	04 May 2026	8	13.99	72.80	6.9	33.44	8.0	25.0	6.22
I40	04 May 2026	9	13.88	62.20	6.5	33.45	8.0	25.0	5.19
I40	04 May 2026	10	13.69	51.21	6.0	33.45	8.0	25.1	4.97
I40	11 May 2026	1	18.34	70.41	7.9	33.38	8.2	24.0	2.01
I40	11 May 2026	2	18.03	70.49	7.7	33.44	8.2	24.1	2.00
I40	11 May 2026	3	17.01	70.21	7.0	33.49	8.1	24.4	2.04
I40	11 May 2026	4	15.89	70.34	5.9	33.52	8.1	24.6	2.38
I40	11 May 2026	5	13.52	66.87	4.4	33.63	7.9	25.2	4.56
I40	11 May 2026	6	12.97	61.99	3.4	33.55	7.7	25.3	5.57
I40	11 May 2026	7	12.69	64.76	3.4	33.53	7.7	25.3	5.39
I40	11 May 2026	8	12.54	70.68	3.5	33.52	7.7	25.3	3.47
I40	11 May 2026	9	12.36	74.42	3.2	33.53	7.7	25.4	2.62
I40	11 May 2026	10	12.17	67.20	3.0	33.57	7.7	25.4	1.51
I40	19 May 2026	1	18.30	68.86	7.8	33.37	8.2	24.0	1.81
I40	19 May 2026	2	18.28	68.70	7.7	33.38	8.2	24.0	1.82

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I40	19 May 2026	3	18.00	68.57	7.7	33.41	8.2	24.1	1.91
I40	19 May 2026	4	17.73	72.60	7.6	33.42	8.2	24.1	1.95
I40	19 May 2026	5	17.44	77.22	7.3	33.44	8.2	24.2	2.14
I40	19 May 2026	6	16.25	76.67	7.1	33.49	8.1	24.5	2.85
I40	19 May 2026	7	15.45	62.60	6.8	33.47	8.1	24.7	3.54
I40	19 May 2026	8	14.90	54.14	6.6	33.45	8.1	24.8	3.94
I40	19 May 2026	9	14.39	53.86	6.2	33.47	8.0	24.9	4.01
I40	19 May 2026	10	13.90	45.49	5.7	33.46	8.0	25.0	4.89
I40	26 May 2026	1	14.38	68.61	8.1	33.30	8.1	24.8	2.85
I40	26 May 2026	2	14.14	71.58	8.1	33.36	8.1	24.9	2.73
I40	26 May 2026	3	13.76	69.90	8.0	33.40	8.1	25.0	4.74
I40	26 May 2026	4	13.36	67.95	7.7	33.42	8.1	25.1	6.37
I40	26 May 2026	5	13.20	67.91	7.4	33.41	8.0	25.1	7.25
I40	26 May 2026	6	13.09	65.32	7.0	33.41	8.0	25.1	8.20
I40	26 May 2026	7	13.02	62.14	6.8	33.41	8.0	25.2	8.76
I40	26 May 2026	8	12.97	57.61	6.6	33.41	8.0	25.2	9.38
I40	26 May 2026	9	12.93	51.56	6.4	33.40	8.0	25.2	10.77
I40	26 May 2026	10	12.93	45.44	6.4	33.40	8.0	25.2	11.85
I24	04 May 2026	1	16.61	83.79	9.9	33.44	8.3	24.4	0.72
I24	04 May 2026	2	16.49	83.84	9.7	33.46	8.3	24.5	0.78
I24	04 May 2026	3	15.87	83.77	9.4	33.50	8.3	24.6	0.97
I24	04 May 2026	4	15.32	81.23	8.7	33.45	8.2	24.7	2.56
I24	04 May 2026	5	14.11	71.27	7.5	33.55	8.1	25.0	4.67
I24	04 May 2026	6	13.56	66.27	6.4	33.47	8.0	25.1	6.45
I24	04 May 2026	7	13.47	70.81	6.0	33.46	7.9	25.1	6.05
I24	04 May 2026	8	13.38	71.70	5.7	33.46	7.9	25.1	5.95
I24	04 May 2026	9	13.22	68.34	5.2	33.47	7.9	25.2	5.38
I24	04 May 2026	10	13.28	60.46	5.2	33.45	7.9	25.1	5.25
I24	11 May 2026	1	17.88	75.56	8.3	33.41	8.2	24.1	1.90
I24	11 May 2026	2	17.86	75.58	8.4	33.42	8.2	24.1	1.81
I24	11 May 2026	3	17.58	76.24	8.4	33.45	8.2	24.2	1.89
I24	11 May 2026	4	17.19	77.16	7.6	33.47	8.2	24.3	2.16
I24	11 May 2026	5	13.93	77.81	5.1	33.74	7.9	25.2	2.80
I24	11 May 2026	6	13.25	74.49	3.3	33.53	7.7	25.2	3.29
I24	11 May 2026	7	13.14	71.93	2.9	33.49	7.7	25.2	3.89
I24	11 May 2026	8	13.13	70.71	2.8	33.49	7.7	25.2	3.73
I24	11 May 2026	9	13.14	71.06	2.7	33.48	7.6	25.2	3.97
I24	19 May 2026	1	18.66	79.71	7.7	33.40	8.2	23.9	0.66
I24	19 May 2026	2	18.56	79.50	7.7	33.40	8.2	23.9	0.68
I24	19 May 2026	3	18.29	79.37	7.8	33.40	8.2	24.0	0.88
I24	19 May 2026	4	18.20	79.68	7.8	33.41	8.2	24.0	1.06
I24	19 May 2026	5	18.09	81.54	7.8	33.44	8.2	24.1	1.12
I24	19 May 2026	6	17.53	84.26	7.6	33.43	8.2	24.2	1.20
I24	19 May 2026	7	16.32	82.08	7.2	33.45	8.1	24.5	1.82
I24	19 May 2026	8	15.28	74.86	7.0	33.43	8.1	24.7	2.25
I24	19 May 2026	9	14.64	71.68	6.6	33.43	8.0	24.8	2.22
I24	19 May 2026	10	14.10	48.61	5.9	33.43	8.0	25.0	3.40
I24	19 May 2026	11	14.02	31.47	5.6	33.42	8.0	25.0	4.31
I24	26 May 2026	1	14.33	67.42	8.0	33.31	8.1	24.8	2.25
I24	26 May 2026	2	14.01	70.42	7.9	33.37	8.1	24.9	2.21
I24	26 May 2026	3	13.51	72.27	8.0	33.39	8.1	25.0	2.78
I24	26 May 2026	4	13.30	71.23	7.9	33.40	8.1	25.1	3.53
I24	26 May 2026	5	13.11	68.24	7.7	33.39	8.1	25.1	4.89
I24	26 May 2026	6	13.02	68.06	7.4	33.40	8.0	25.1	6.69
I24	26 May 2026	7	12.98	72.73	7.2	33.40	8.0	25.2	6.20
I24	26 May 2026	8	12.92	75.81	7.0	33.40	8.0	25.2	6.88
I24	26 May 2026	9	12.83	73.15	6.7	33.40	8.0	25.2	8.28
I24	26 May 2026	10	12.70	66.66	6.3	33.41	8.0	25.2	9.73
I25	04 May 2026	1	16.69	83.60	9.9	33.44	8.3	24.4	0.83
I25	04 May 2026	2	16.69	83.65	9.9	33.45	8.3	24.4	0.80
I25	04 May 2026	3	16.37	83.49	9.8	33.48	8.3	24.5	0.87
I25	04 May 2026	4	15.90	81.77	9.3	33.48	8.3	24.6	1.69
I25	04 May 2026	5	14.65	76.74	8.1	33.54	8.2	24.9	4.32
I25	04 May 2026	6	13.79	69.98	6.7	33.51	8.0	25.1	7.01
I25	04 May 2026	7	13.70	70.68	5.9	33.45	7.9	25.1	5.21
I25	04 May 2026	8	13.69	72.89	5.8	33.47	7.9	25.1	6.02
I25	04 May 2026	9	13.56	71.77	5.6	33.45	7.9	25.1	5.40

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I25	11 May 2026	1	18.26	80.88	8.7	33.45	8.2	24.0	1.29
I25	11 May 2026	2	17.70	79.85	8.8	33.48	8.2	24.2	1.19
I25	11 May 2026	3	17.34	81.74	8.7	33.50	8.2	24.3	1.17
I25	11 May 2026	4	15.74	84.19	8.0	33.63	8.2	24.7	1.55
I25	11 May 2026	5	13.62	81.45	5.8	33.71	7.9	25.3	2.39
I25	11 May 2026	6	12.89	74.76	3.5	33.56	7.7	25.3	3.25
I25	11 May 2026	7	12.83	71.79	2.7	33.51	7.6	25.3	3.47
I25	11 May 2026	8	12.82	73.64	2.5	33.49	7.6	25.3	3.29
I25	11 May 2026	9	12.90	73.40	2.3	33.50	7.6	25.2	3.22
I25	19 May 2026	1	18.46	85.55	7.8	33.43	8.2	23.9	0.39
I25	19 May 2026	2	18.46	78.73	7.8	33.41	8.2	23.9	0.39
I25	19 May 2026	3	18.38	86.06	7.8	33.43	8.2	24.0	0.41
I25	19 May 2026	4	18.06	87.19	7.7	33.45	8.2	24.1	0.48
I25	19 May 2026	5	17.56	85.74	7.7	33.43	8.2	24.2	0.73
I25	19 May 2026	6	16.59	80.71	7.4	33.45	8.1	24.4	1.22
I25	19 May 2026	7	15.67	78.28	7.3	33.44	8.1	24.6	1.55
I25	19 May 2026	8	15.23	79.76	7.2	33.41	8.1	24.7	1.44
I25	19 May 2026	9	15.14	79.54	7.2	33.41	8.1	24.7	1.51
I25	26 May 2026	1	14.52	77.13	7.7	33.35	8.1	24.8	1.23
I25	26 May 2026	2	14.32	75.53	7.7	33.38	8.1	24.9	1.25
I25	26 May 2026	3	13.39	71.03	7.8	33.46	8.1	25.1	1.58
I25	26 May 2026	4	13.24	70.09	7.6	33.40	8.1	25.1	3.97
I25	26 May 2026	5	13.19	63.62	7.6	33.39	8.1	25.1	8.63
I25	26 May 2026	6	13.06	66.21	7.5	33.40	8.1	25.1	8.97
I25	26 May 2026	7	12.93	71.76	7.1	33.40	8.0	25.2	8.08
I25	26 May 2026	8	12.90	69.13	6.5	33.40	8.0	25.2	9.17
I25	26 May 2026	9	12.89	65.17	6.2	33.40	7.9	25.2	9.21
I39	04 May 2026	1	16.78	86.95	10.6	33.43	8.4	24.4	0.63
I39	04 May 2026	2	16.77	85.38	10.6	33.43	8.4	24.4	0.63
I39	04 May 2026	3	16.73	86.51	10.6	33.44	8.4	24.4	0.68
I39	04 May 2026	4	16.55	86.80	10.7	33.45	8.3	24.4	1.03
I39	04 May 2026	5	16.42	86.19	10.6	33.45	8.3	24.5	1.36
I39	04 May 2026	6	15.23	84.99	10.8	33.52	8.3	24.8	2.23
I39	04 May 2026	7	14.48	81.09	10.5	33.45	8.3	24.9	5.98
I39	04 May 2026	8	14.15	75.67	9.5	33.47	8.2	25.0	8.34
I39	04 May 2026	9	13.40	75.42	8.3	33.50	8.1	25.2	8.83
I39	04 May 2026	10	13.35	75.95	7.4	33.46	8.1	25.1	7.68
I39	04 May 2026	11	13.32	76.31	6.9	33.49	8.0	25.2	7.75
I39	04 May 2026	12	12.46	77.79	5.5	33.54	7.9	25.4	7.64
I39	04 May 2026	13	12.57	79.81	4.7	33.49	7.8	25.3	5.44
I39	04 May 2026	14	12.38	80.70	4.5	33.51	7.8	25.4	5.84
I39	04 May 2026	15	12.36	82.47	4.2	33.51	7.8	25.4	3.75
I39	04 May 2026	16	12.33	84.85	4.0	33.51	7.8	25.4	3.39
I39	04 May 2026	17	12.32	84.80	3.9	33.51	7.8	25.4	2.28
I39	04 May 2026	18	12.32	84.63	3.8	33.51	7.8	25.4	1.94
I39	11 May 2026	1	17.56	87.08	8.6	33.44	8.2	24.2	1.38
I39	11 May 2026	2	17.46	86.94	8.6	33.45	8.2	24.2	1.27
I39	11 May 2026	3	17.38	86.33	8.6	33.45	8.2	24.2	1.95
I39	11 May 2026	4	17.20	85.42	8.7	33.46	8.2	24.3	2.17
I39	11 May 2026	5	15.73	84.96	9.3	33.52	8.2	24.7	2.72
I39	11 May 2026	6	14.91	83.82	9.7	33.48	8.2	24.8	5.12
I39	11 May 2026	7	14.31	81.38	9.1	33.51	8.2	25.0	4.30
I39	11 May 2026	8	13.64	80.78	7.7	33.49	8.1	25.1	4.24
I39	11 May 2026	9	13.18	79.45	6.6	33.48	8.0	25.2	4.78
I39	11 May 2026	10	12.80	78.55	5.4	33.48	7.9	25.3	4.28
I39	11 May 2026	11	12.78	79.27	4.0	33.48	7.7	25.3	4.08
I39	11 May 2026	12	12.70	80.79	3.0	33.49	7.6	25.3	3.84
I39	11 May 2026	13	12.49	81.68	2.8	33.52	7.6	25.3	3.08
I39	11 May 2026	14	12.27	82.42	3.3	33.53	7.7	25.4	2.77
I39	11 May 2026	15	12.23	83.58	3.6	33.53	7.7	25.4	1.49
I39	11 May 2026	16	12.19	86.15	3.6	33.54	7.7	25.4	1.09
I39	11 May 2026	17	12.11	87.05	3.5	33.56	7.7	25.5	0.91
I39	11 May 2026	18	11.70	87.28	3.2	33.66	7.7	25.6	0.62
I39	19 May 2026	1	18.48	86.70	7.8	33.44	8.2	24.0	0.43
I39	19 May 2026	2	18.47	86.15	7.8	33.44	8.2	24.0	0.44
I39	19 May 2026	3	18.17	86.52	7.8	33.45	8.2	24.0	0.46
I39	19 May 2026	4	18.12	85.65	7.8	33.44	8.2	24.1	0.63
I39	19 May 2026	5	17.89	84.87	7.7	33.47	8.2	24.1	0.73
I39	19 May 2026	6	16.58	84.15	7.8	33.45	8.2	24.4	1.20

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I39	19 May 2026	7	16.08	83.21	7.6	33.47	8.1	24.6	1.67
I39	19 May 2026	8	14.56	83.10	7.5	33.45	8.1	24.9	2.04
I39	19 May 2026	9	14.28	83.55	7.4	33.41	8.1	24.9	2.82
I39	19 May 2026	10	14.14	83.19	7.2	33.41	8.1	24.9	3.48
I39	19 May 2026	11	13.88	83.58	7.0	33.41	8.1	25.0	3.82
I39	19 May 2026	12	13.53	84.15	6.5	33.45	8.0	25.1	3.97
I39	19 May 2026	13	13.13	83.11	5.8	33.48	8.0	25.2	3.89
I39	19 May 2026	14	12.81	81.88	5.2	33.51	7.9	25.3	3.69
I39	19 May 2026	15	12.61	80.12	4.8	33.52	7.9	25.3	3.56
I39	19 May 2026	16	12.43	77.54	4.4	33.53	7.8	25.4	3.33
I39	19 May 2026	17	12.41	75.80	4.3	33.52	7.8	25.4	2.80
I39	19 May 2026	18	12.40	74.77	4.2	33.51	7.8	25.4	2.79
I39	26 May 2026	1	15.80	72.88	8.2	33.30	8.1	24.5	0.90
I39	26 May 2026	2	15.80	71.92	8.1	33.29	8.1	24.5	0.91
I39	26 May 2026	3	15.65	66.64	8.1	33.23	8.1	24.5	0.92
I39	26 May 2026	4	15.50	82.88	8.1	33.39	8.1	24.6	1.50
I39	26 May 2026	5	15.45	83.20	8.1	33.39	8.1	24.6	1.85
I39	26 May 2026	6	15.35	83.21	8.0	33.39	8.1	24.7	2.26
I39	26 May 2026	7	15.08	83.72	8.0	33.41	8.1	24.7	2.58
I39	26 May 2026	8	14.59	84.48	8.0	33.42	8.1	24.8	2.84
I39	26 May 2026	9	14.15	84.56	8.0	33.39	8.1	24.9	3.49
I39	26 May 2026	10	14.01	82.95	8.1	33.37	8.1	24.9	4.75
I39	26 May 2026	11	13.87	82.26	8.1	33.35	8.1	24.9	5.63
I39	26 May 2026	12	13.76	82.13	8.0	33.35	8.1	25.0	5.78
I39	26 May 2026	13	13.71	80.34	8.0	33.35	8.1	25.0	6.79
I39	26 May 2026	14	13.47	78.93	7.8	33.37	8.1	25.0	7.27
I39	26 May 2026	15	13.41	78.24	7.7	33.37	8.1	25.0	8.35
I39	26 May 2026	16	13.20	78.03	7.5	33.40	8.1	25.1	8.35
I39	26 May 2026	17	12.78	78.94	7.3	33.44	8.0	25.2	8.77
I39	26 May 2026	18	12.59	81.73	6.7	33.45	8.0	25.3	6.26
I26	04 May 2026	1	16.79	84.28	10.2	33.45	8.3	24.4	0.66
I26	04 May 2026	2	16.63	84.22	10.2	33.46	8.3	24.4	0.68
I26	04 May 2026	3	16.40	84.36	10.2	33.46	8.3	24.5	0.89
I26	04 May 2026	4	16.26	82.59	10.2	33.45	8.3	24.5	1.44
I26	04 May 2026	5	16.04	81.16	10.2	33.46	8.3	24.6	2.04
I26	04 May 2026	6	15.79	79.42	9.9	33.46	8.3	24.6	3.09
I26	04 May 2026	7	15.12	74.98	8.8	33.49	8.2	24.8	5.21
I26	04 May 2026	8	14.13	74.69	7.2	33.48	8.1	25.0	5.07
I26	04 May 2026	9	14.05	77.50	6.7	33.44	8.0	25.0	1.89
I26	11 May 2026	1	18.28	82.54	8.7	33.45	8.2	24.0	1.07
I26	11 May 2026	2	17.60	82.83	8.7	33.50	8.2	24.2	0.98
I26	11 May 2026	3	15.93	84.99	8.3	33.61	8.2	24.7	1.19
I26	11 May 2026	4	14.22	79.74	7.1	33.59	8.1	25.0	2.41
I26	11 May 2026	5	13.33	69.01	4.5	33.54	7.8	25.2	3.70
I26	11 May 2026	6	13.09	66.37	2.8	33.51	7.6	25.2	5.32
I26	11 May 2026	7	12.74	67.61	2.6	33.51	7.6	25.3	6.25
I26	11 May 2026	8	12.63	70.52	2.5	33.50	7.6	25.3	4.62
I26	11 May 2026	9	12.61	73.02	2.5	33.50	7.6	25.3	2.97
I26	19 May 2026	1	18.47	87.69	7.8	33.42	8.2	23.9	0.40
I26	19 May 2026	2	18.45	87.72	7.8	33.43	8.2	24.0	0.39
I26	19 May 2026	3	18.31	87.75	7.8	33.43	8.2	24.0	0.40
I26	19 May 2026	4	18.17	87.73	7.8	33.43	8.2	24.0	0.47
I26	19 May 2026	5	18.03	87.35	7.8	33.43	8.2	24.1	0.59
I26	19 May 2026	6	17.85	86.81	7.9	33.43	8.2	24.1	0.68
I26	19 May 2026	7	17.82	86.15	7.9	33.43	8.2	24.1	0.90
I26	19 May 2026	8	17.77	85.37	7.8	33.43	8.2	24.1	1.15
I26	19 May 2026	9	17.03	83.24	7.8	33.48	8.2	24.3	1.52
I26	26 May 2026	1	14.21	77.45	7.7	33.35	8.1	24.9	1.47
I26	26 May 2026	2	14.20	77.23	7.7	33.35	8.1	24.9	1.43
I26	26 May 2026	3	13.62	78.16	7.7	33.41	8.1	25.0	1.63
I26	26 May 2026	4	13.20	75.25	7.6	33.38	8.1	25.1	3.96
I26	26 May 2026	5	13.19	71.33	7.5	33.38	8.1	25.1	5.92
I26	26 May 2026	6	12.95	73.03	7.2	33.38	8.0	25.2	6.15
I26	26 May 2026	7	12.94	75.13	6.8	33.38	8.0	25.2	6.32
I26	26 May 2026	8	12.94	76.05	6.5	33.38	8.0	25.2	6.54
I26	26 May 2026	9	12.94	76.17	6.5	33.38	8.0	25.1	6.58
I32	04 May 2026	1	16.52	82.89	10.9	33.44	8.3	24.4	0.80
I32	04 May 2026	2	16.41	82.72	10.7	33.45	8.3	24.5	0.85

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I32	04 May 2026	3	16.37	81.93	10.7	33.44	8.3	24.5	0.99
I32	04 May 2026	4	16.39	81.53	10.6	33.44	8.3	24.5	1.12
I32	04 May 2026	5	15.55	78.89	9.9	33.52	8.3	24.7	1.80
I32	04 May 2026	6	14.50	59.95	9.3	33.46	8.2	24.9	13.75
I32	04 May 2026	7	14.29	63.44	8.5	33.46	8.2	24.9	15.27
I32	04 May 2026	8	13.93	69.36	7.7	33.45	8.1	25.0	12.27
I32	04 May 2026	9	13.75	71.98	7.2	33.45	8.1	25.0	9.33
I32	04 May 2026	10	13.57	72.64	6.6	33.46	8.0	25.1	7.03
I32	11 May 2026	1	18.19	78.90	8.5	33.45	8.2	24.0	1.15
I32	11 May 2026	2	18.01	79.06	8.4	33.47	8.2	24.1	1.15
I32	11 May 2026	3	17.23	79.25	8.4	33.52	8.2	24.3	1.10
I32	11 May 2026	4	16.19	79.75	8.2	33.57	8.2	24.6	1.56
I32	11 May 2026	5	14.90	78.07	7.6	33.56	8.1	24.9	2.40
I32	11 May 2026	6	13.77	68.34	6.1	33.57	8.0	25.1	7.89
I32	11 May 2026	7	13.18	55.83	3.5	33.54	7.7	25.2	9.94
I32	11 May 2026	8	12.84	57.89	1.9	33.49	7.6	25.3	5.86
I32	11 May 2026	9	12.71	63.75	1.6	33.49	7.5	25.3	3.22
I32	19 May 2026	1	18.27	85.65	7.9	33.44	8.2	24.0	0.51
I32	19 May 2026	2	18.27	85.91	7.8	33.44	8.2	24.0	0.52
I32	19 May 2026	3	18.19	85.67	7.8	33.44	8.2	24.0	0.54
I32	19 May 2026	4	18.13	85.36	7.8	33.44	8.2	24.0	0.68
I32	19 May 2026	5	18.11	84.78	7.8	33.43	8.2	24.0	0.80
I32	19 May 2026	6	18.03	84.30	7.7	33.43	8.2	24.1	0.87
I32	19 May 2026	7	17.89	83.63	7.7	33.42	8.2	24.1	1.00
I32	19 May 2026	8	17.73	81.68	7.8	33.41	8.2	24.1	1.25
I32	19 May 2026	9	17.70	80.19	7.7	33.42	8.2	24.1	1.50
I32	19 May 2026	10	17.62	81.53	7.9	33.43	8.2	24.2	1.67
I32	26 May 2026	1	15.09	74.28	7.9	33.36	8.1	24.7	1.15
I32	26 May 2026	2	14.95	75.78	7.9	33.38	8.1	24.7	1.16
I32	26 May 2026	3	14.36	74.68	7.9	33.40	8.1	24.9	1.41
I32	26 May 2026	4	13.98	71.44	7.9	33.38	8.1	24.9	2.11
I32	26 May 2026	5	13.61	70.57	7.8	33.41	8.1	25.0	2.80
I32	26 May 2026	6	13.29	70.54	7.5	33.40	8.1	25.1	4.88
I32	26 May 2026	7	13.22	66.37	7.2	33.40	8.0	25.1	8.14
I32	26 May 2026	8	13.04	62.34	7.0	33.40	8.0	25.1	9.41
I32	26 May 2026	9	13.01	61.25	6.8	33.39	8.0	25.1	12.71
I32	26 May 2026	10	13.00	60.25	6.8	33.39	8.0	25.1	12.81

NA = not available

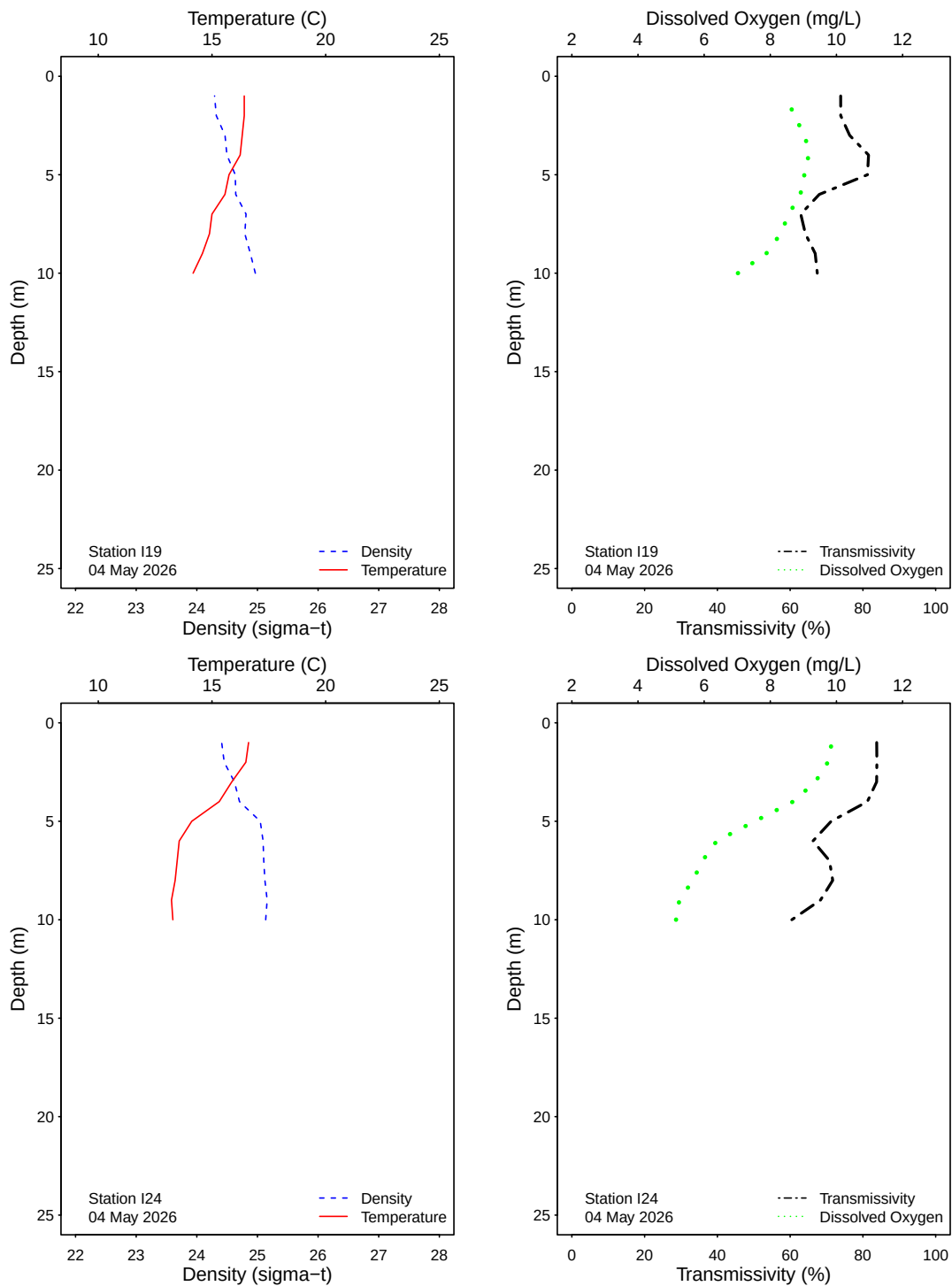


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

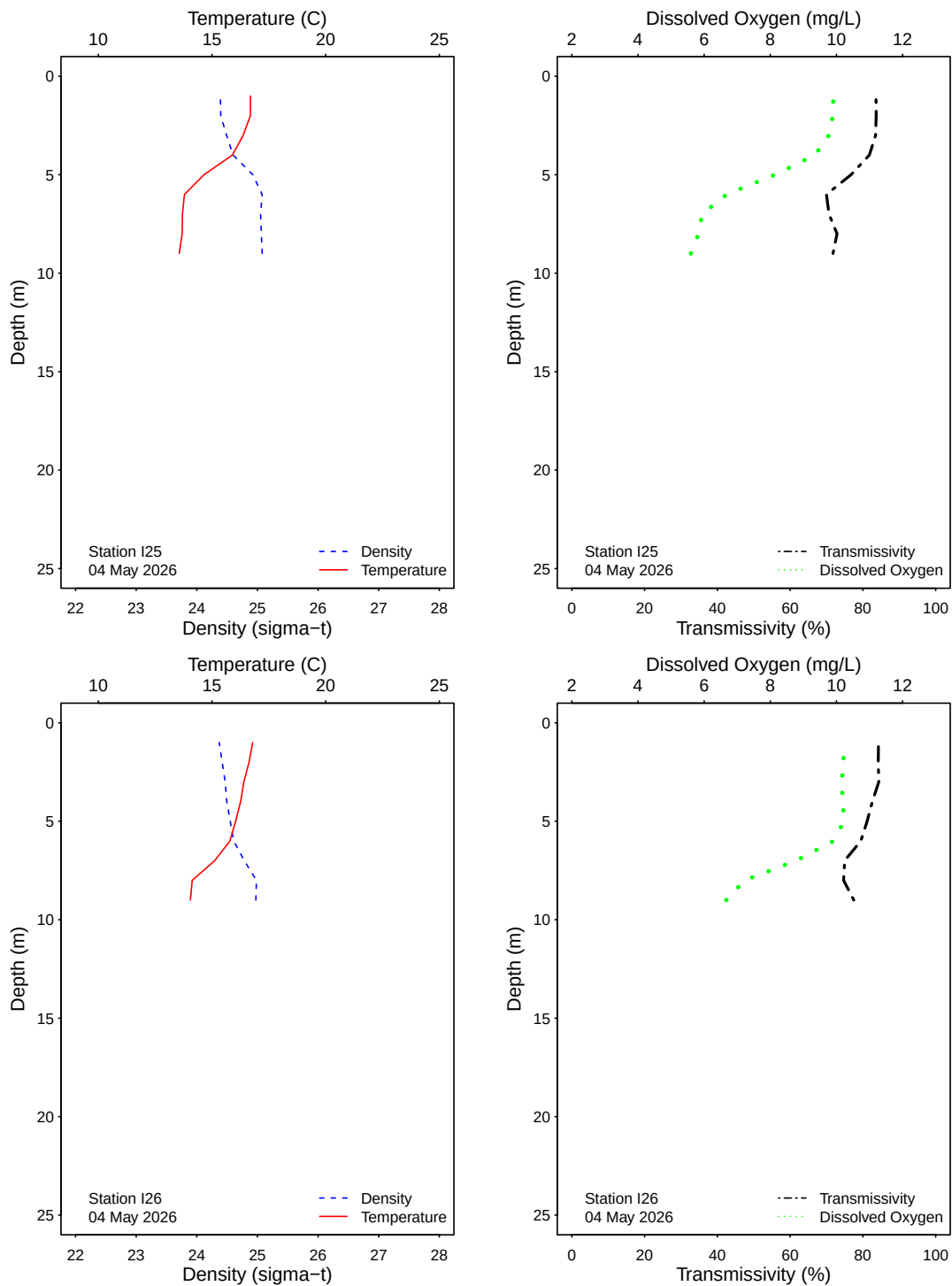


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

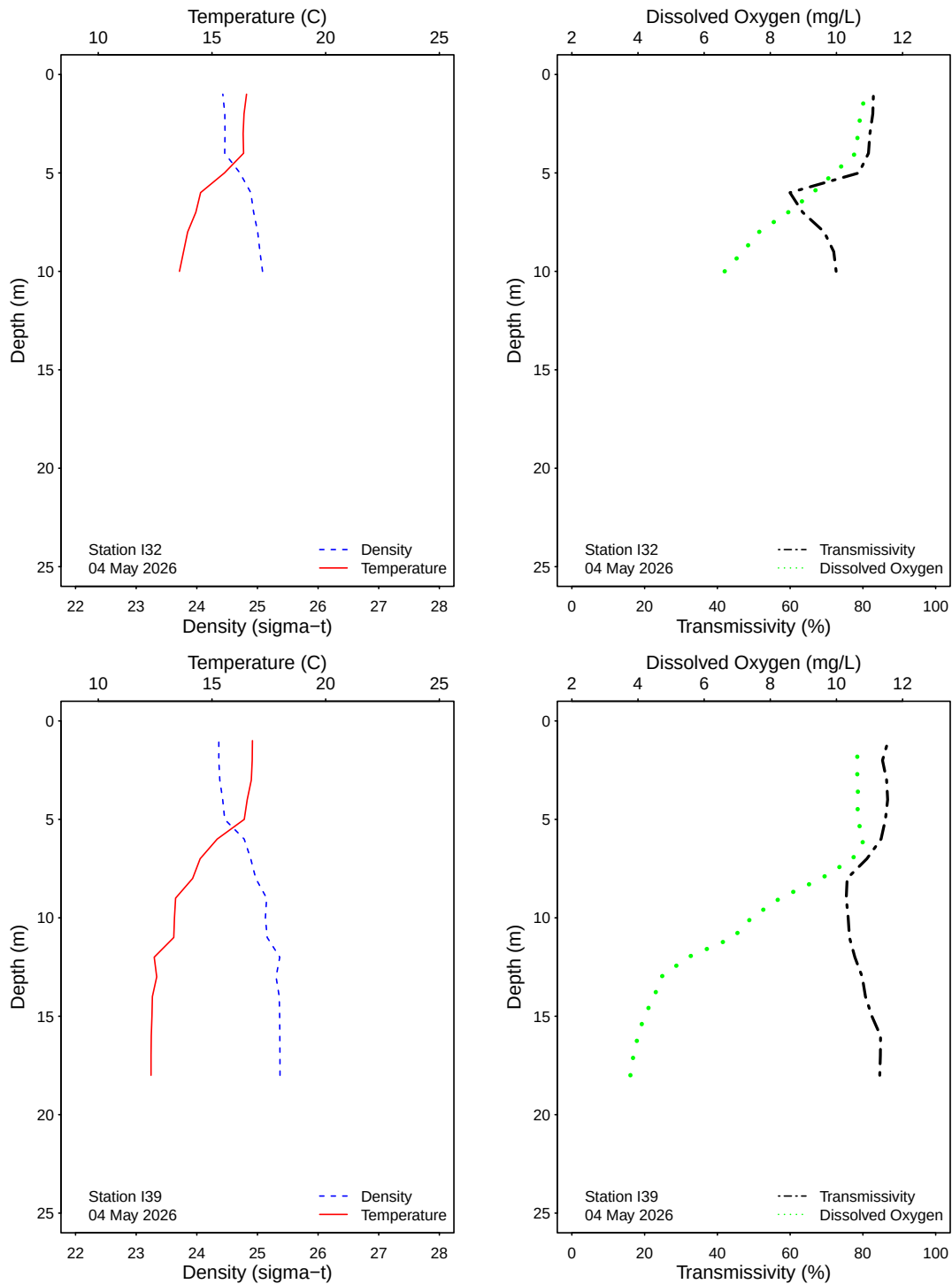


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

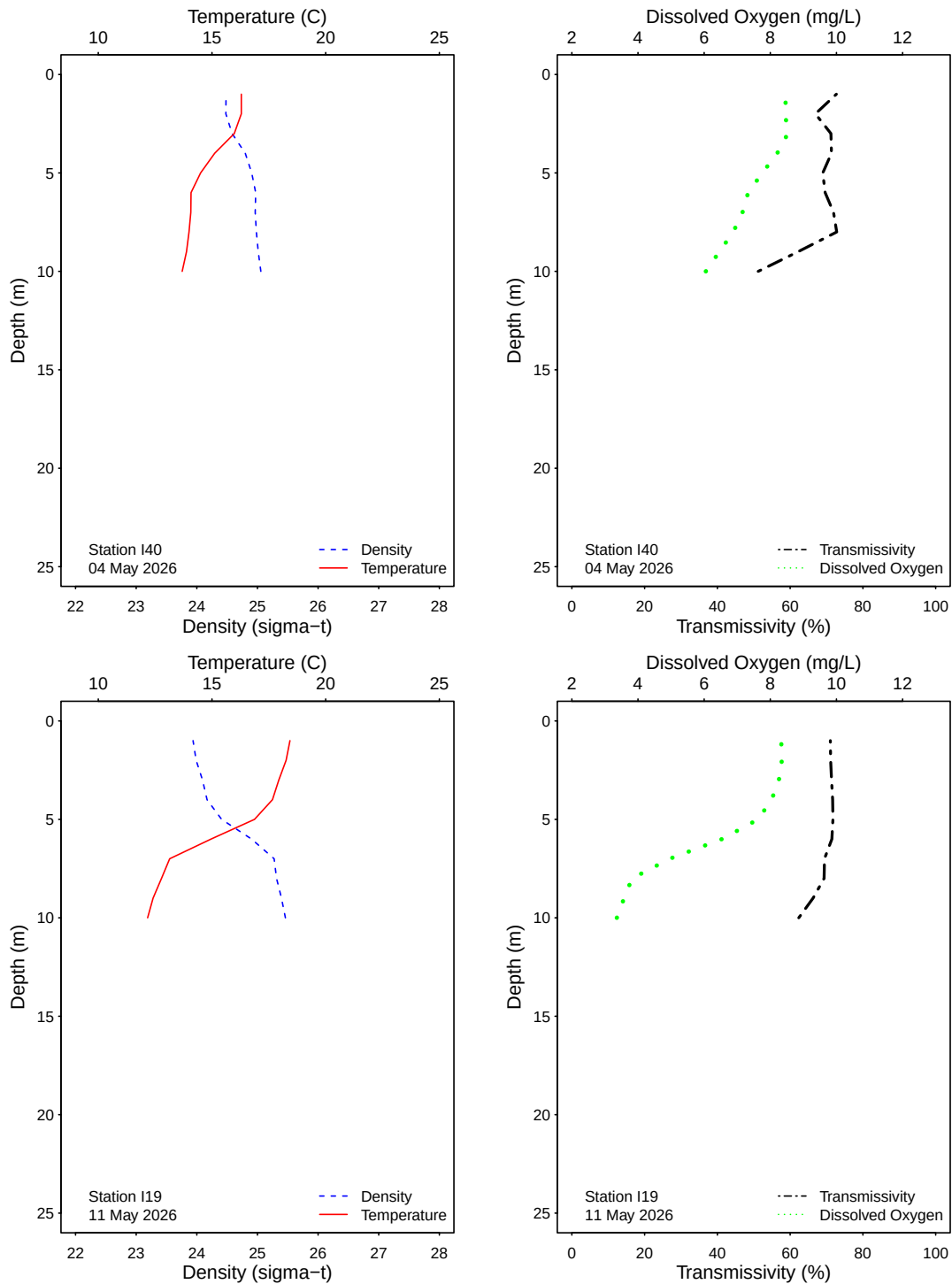


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

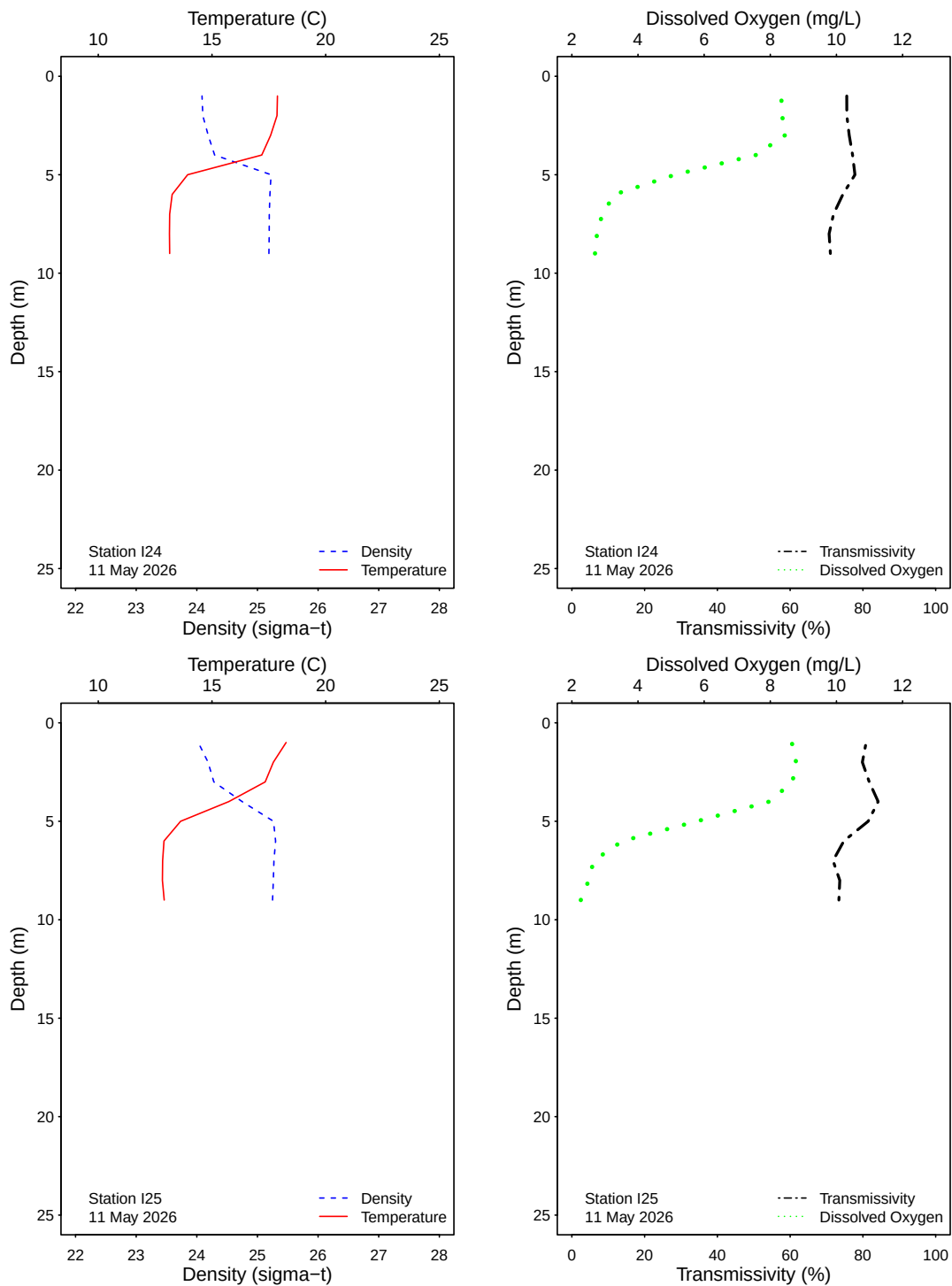


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

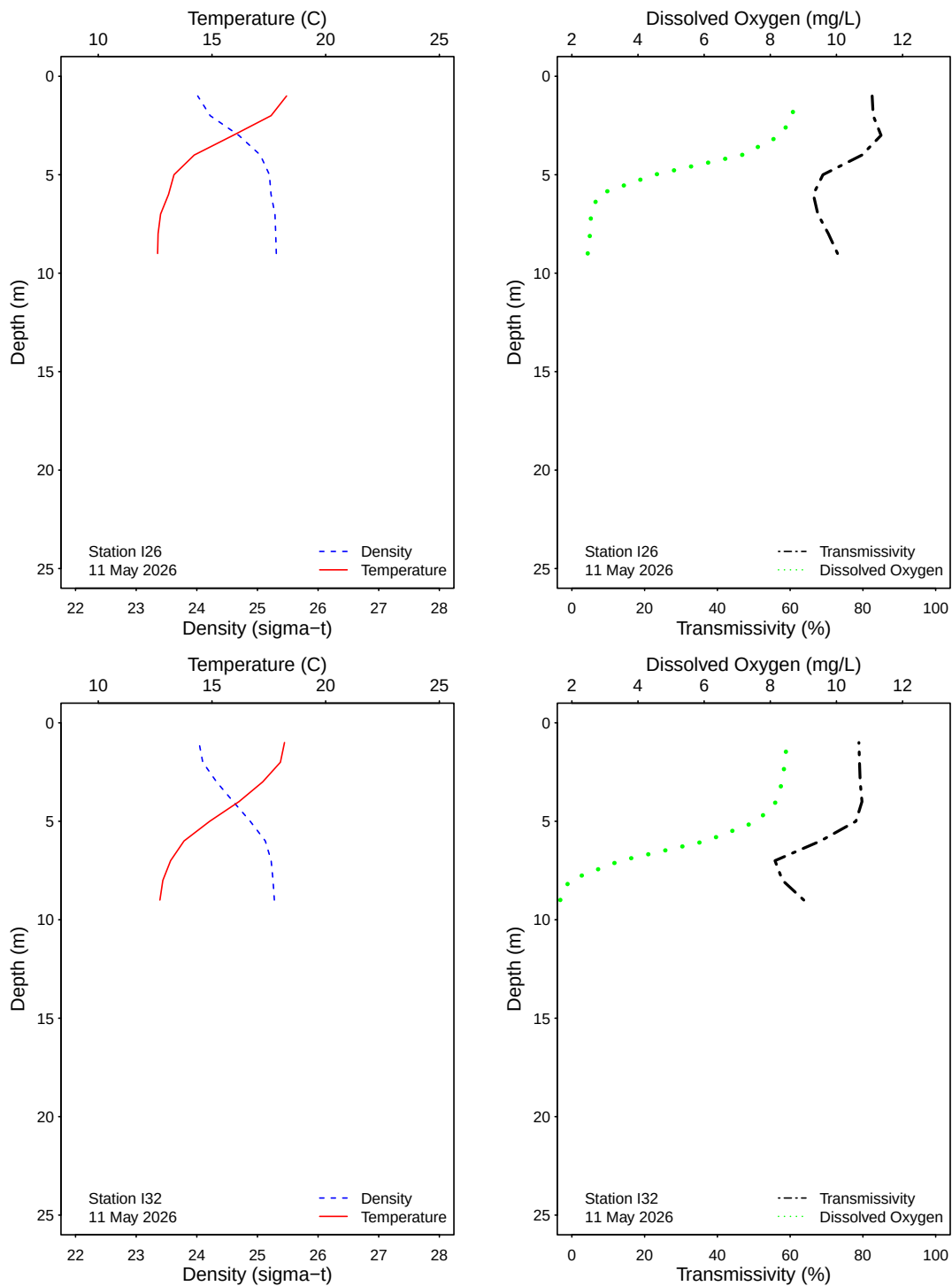


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

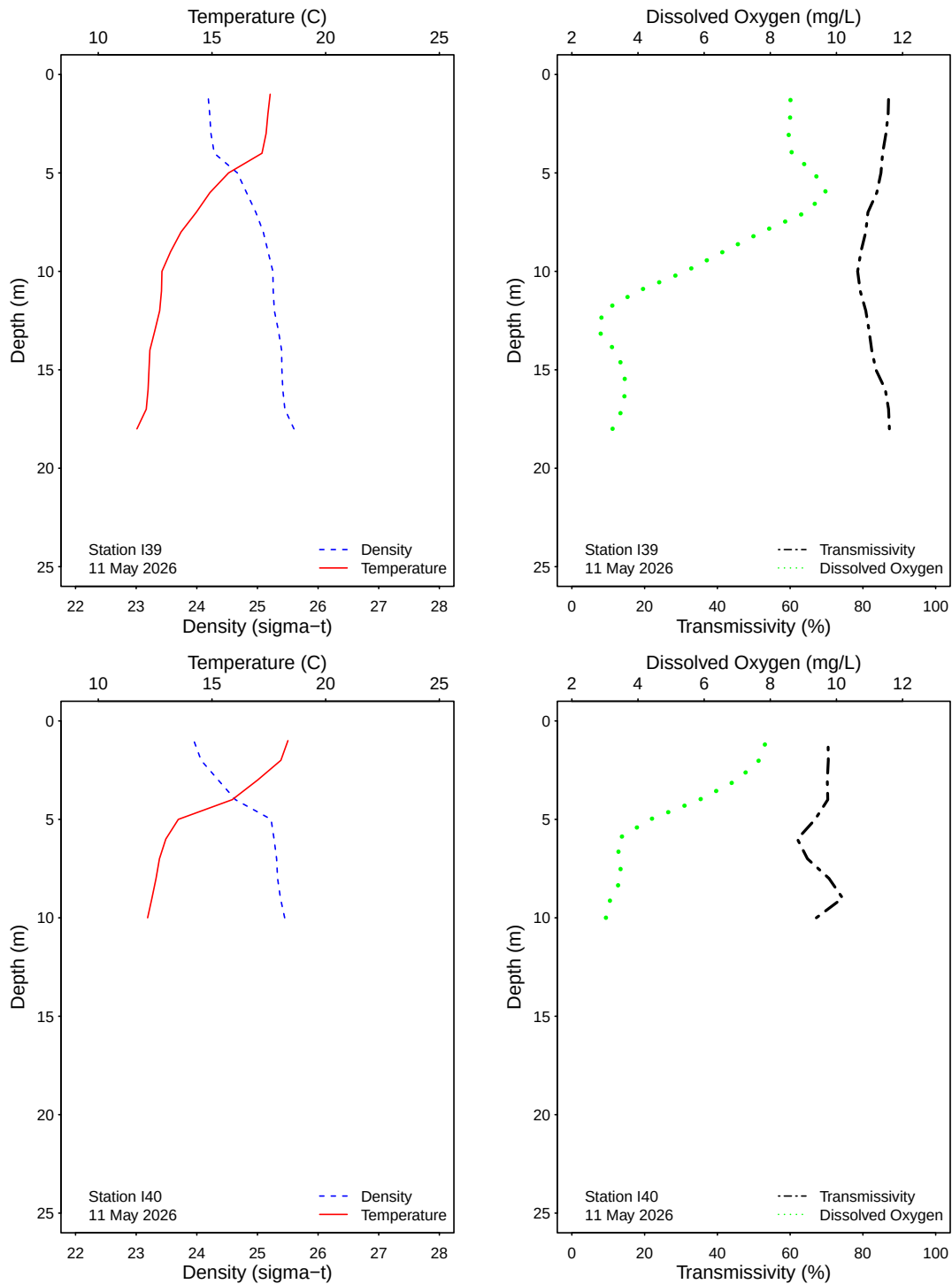


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

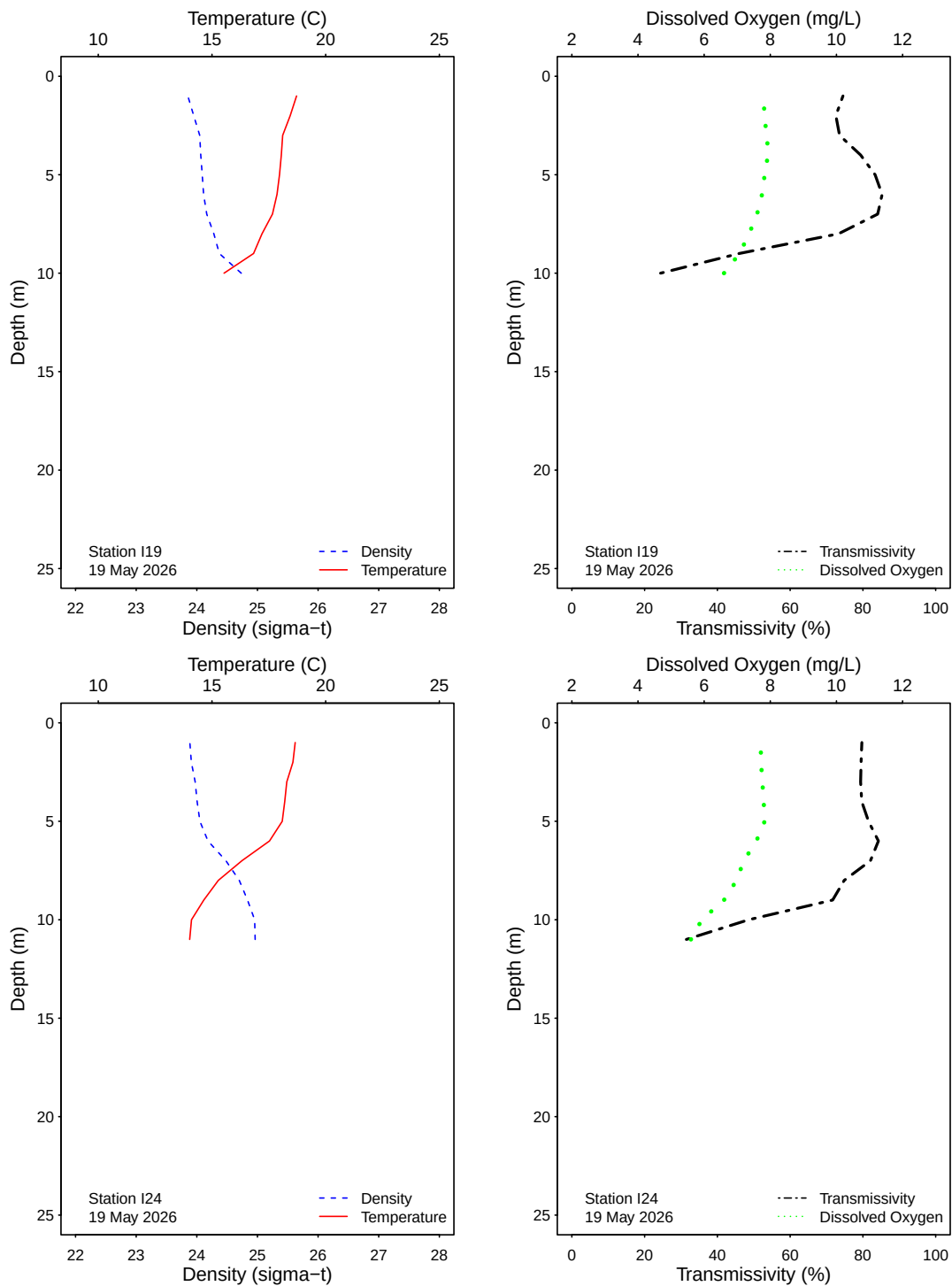


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

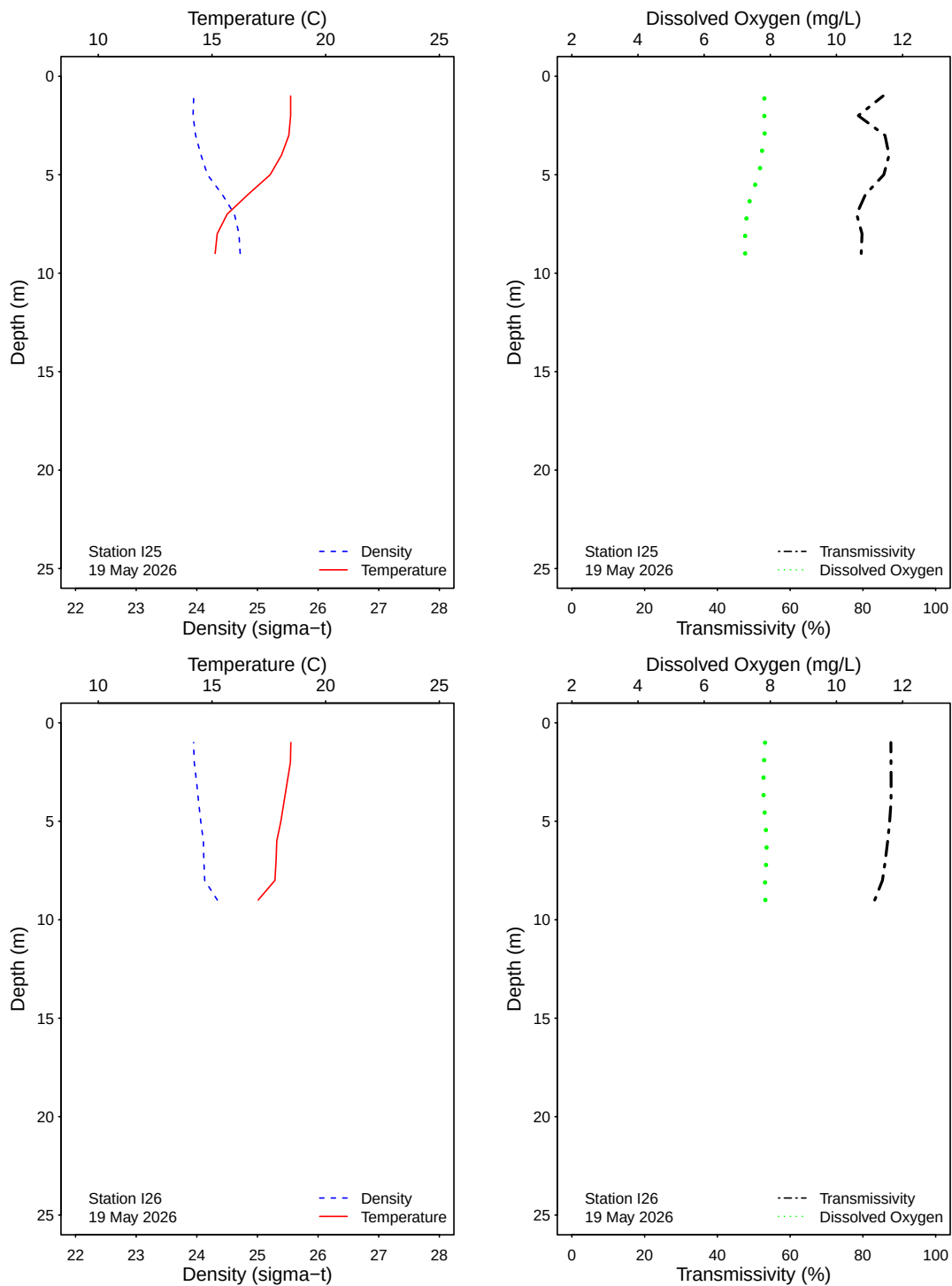


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

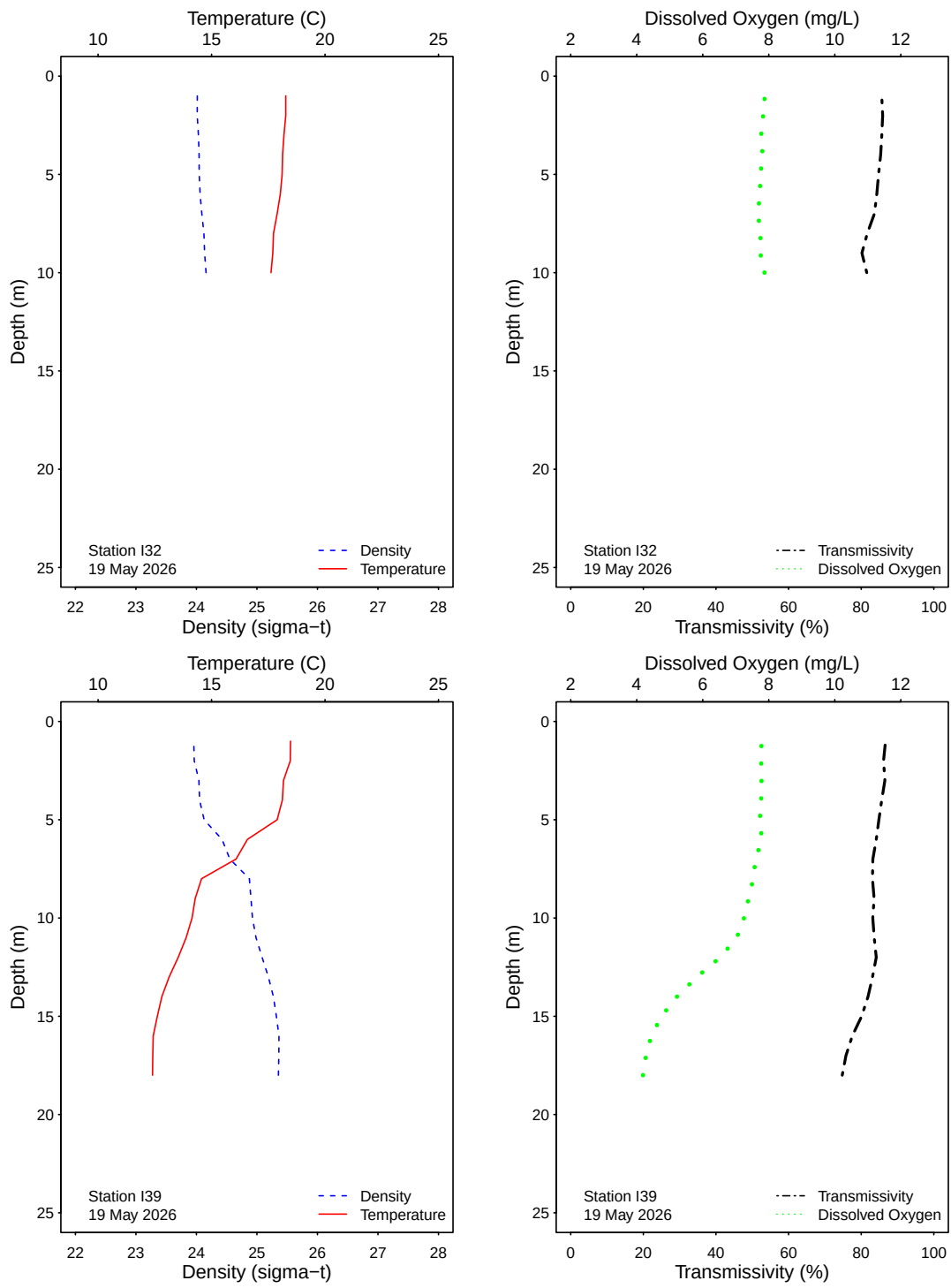


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

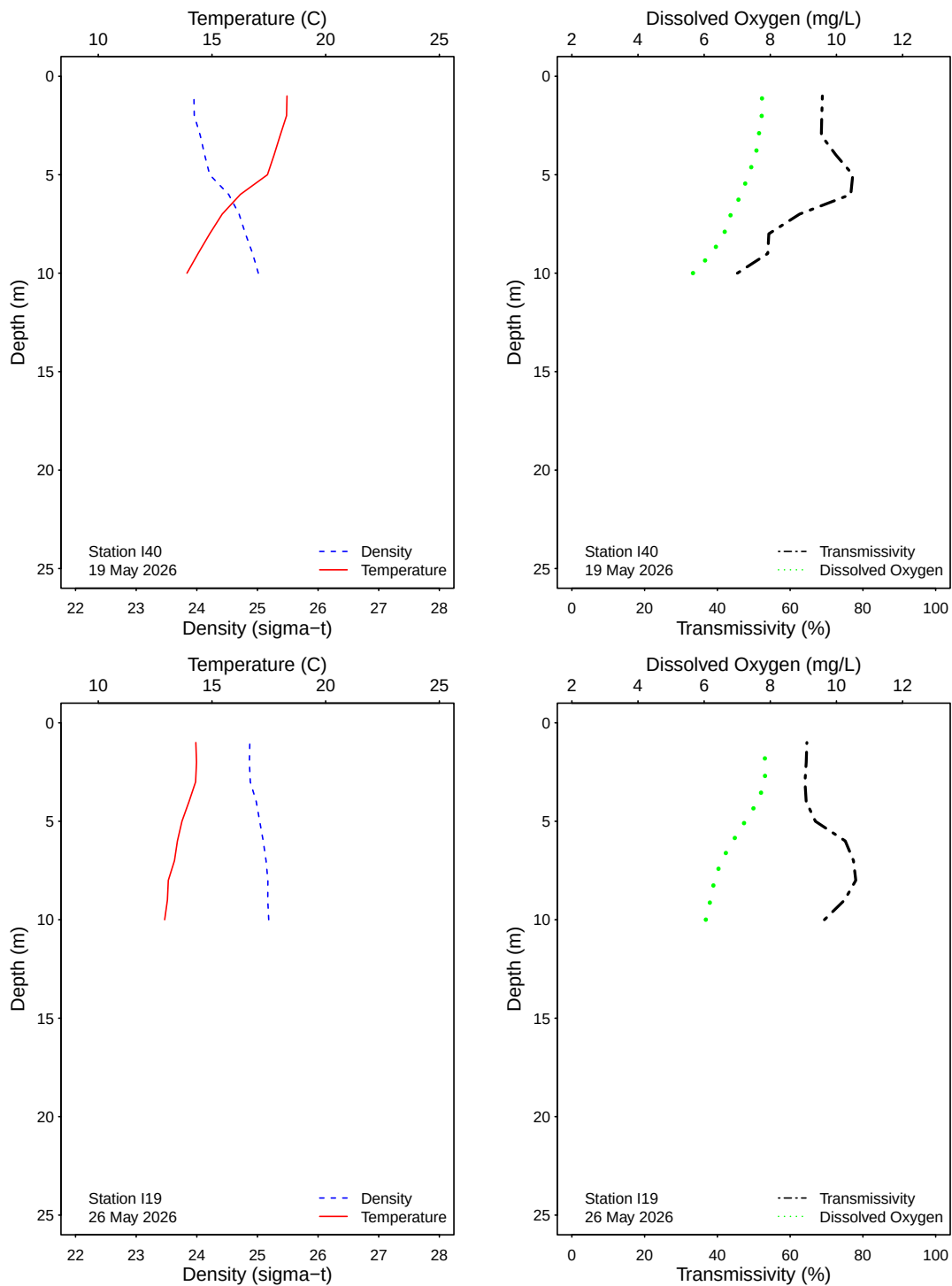


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

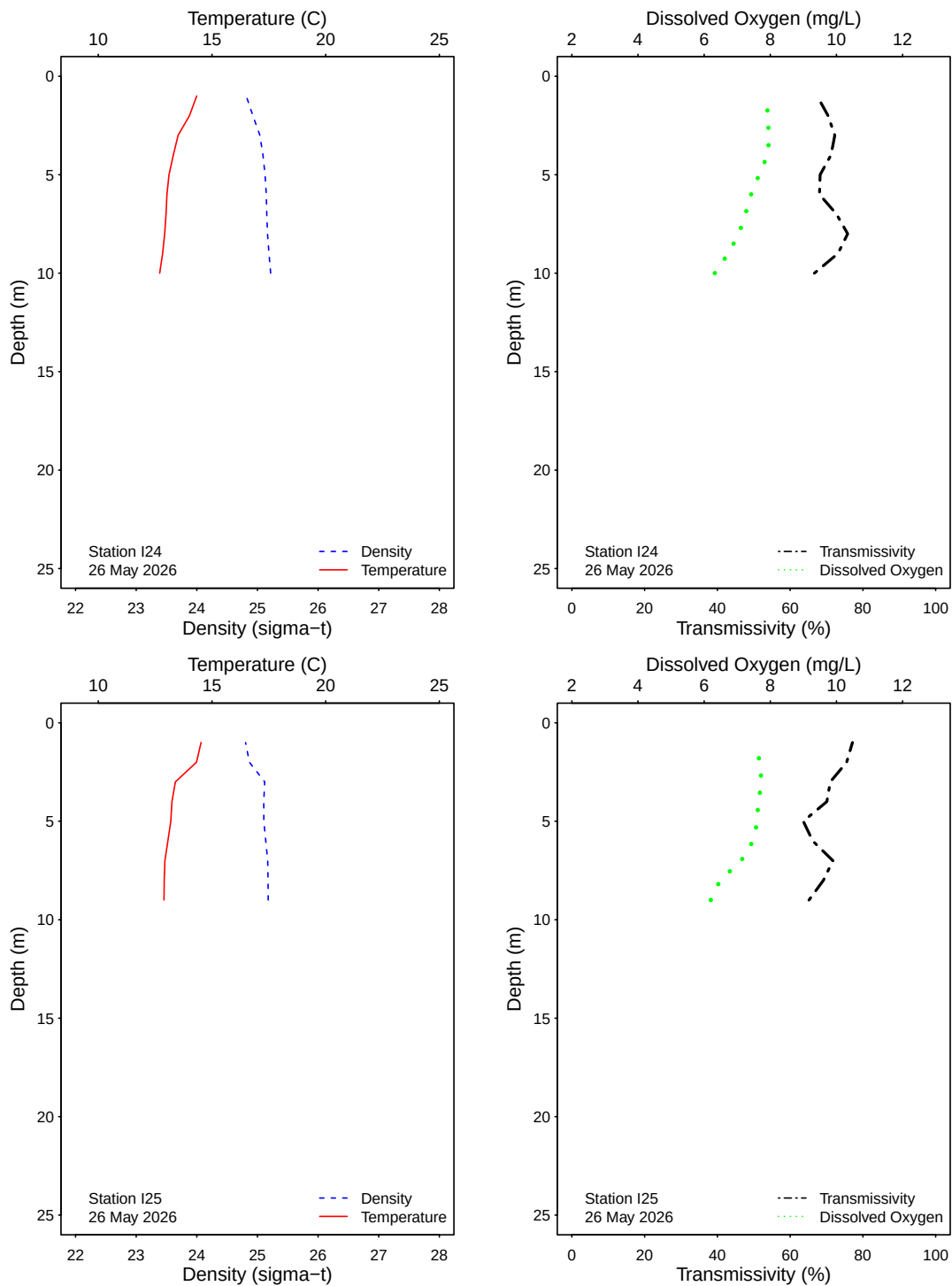


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

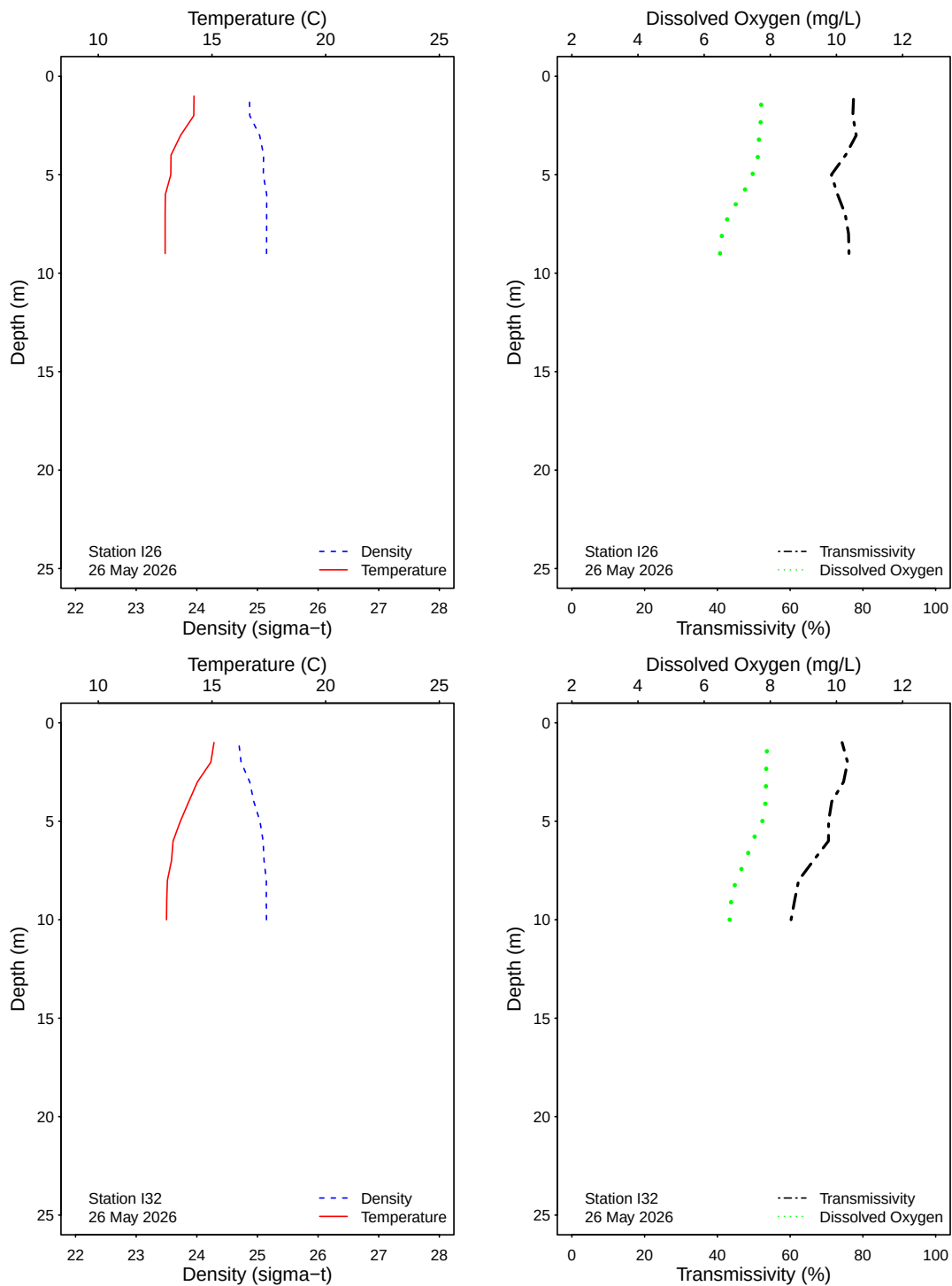


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

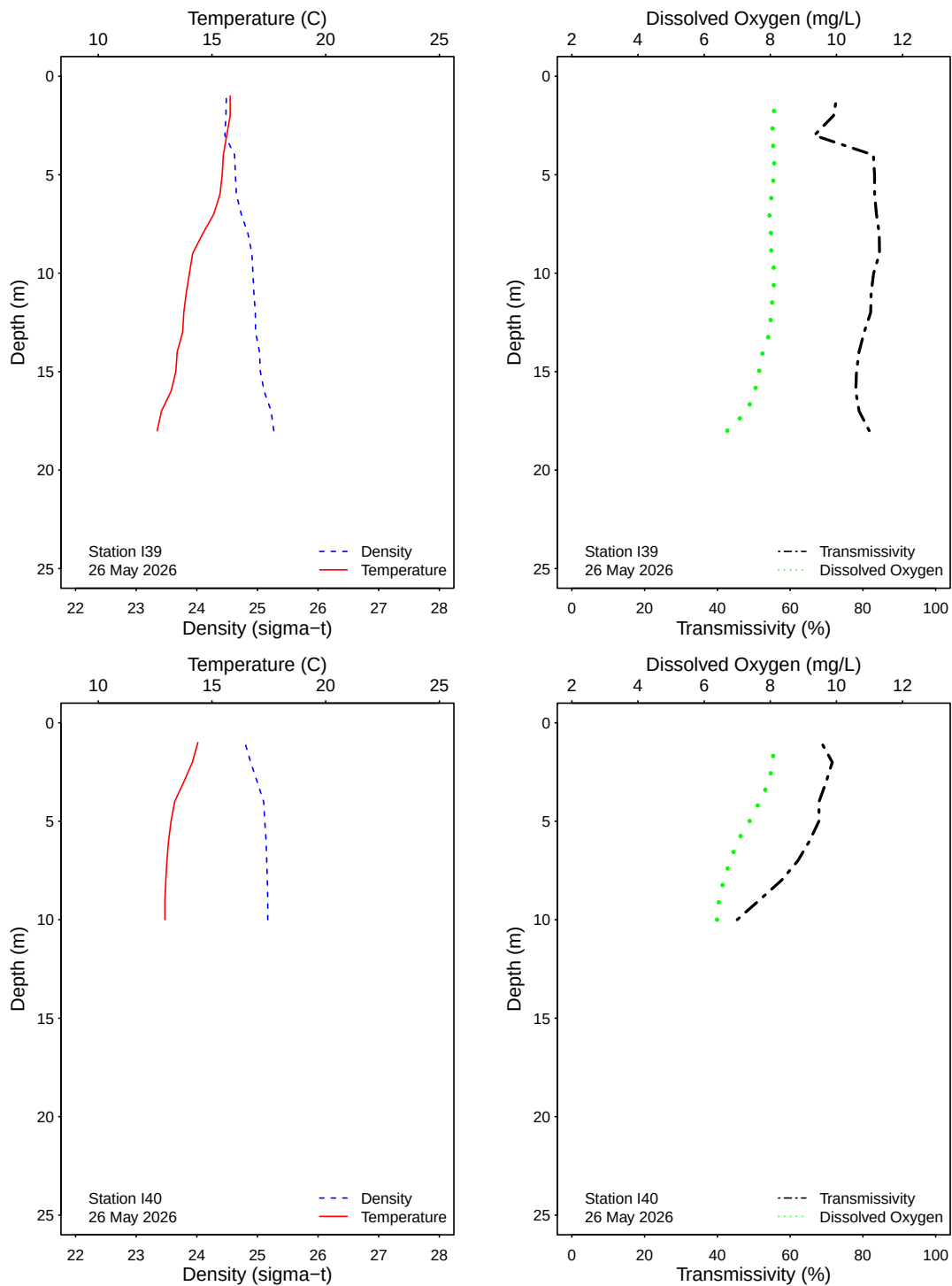


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

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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
07 May 2026	E	E	E	E	IC	E	ns	ns	ns	ns
08 May 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
May	E	E	E	E	IC	E	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.

Date	I12			I14			I16			I18			I22			I23			I33			I36			I37			I38		
	2m	18m	27m	2m	18m	27m	2m	18m	27m	2m	12m	18m	2m	18m	27m	2m	12m	18m	2m	18m	2m	2m	6m	11m	2m	6m	11m	2m	6m	11m
May	E	E	IC	E	E	IC	E	E	IC	E	E	E	IC	E	IC	E	E	E	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	06 May 2026	1101	2	2e	<2	<2
I10	06 May 2026	1101	12	4e	2e	<2
I10	06 May 2026	1101	18	2e	2e	2e
I11	06 May 2026	1049	2	38e	12e	10e
I11	06 May 2026	1049	6	200e	8e	4e
I11	06 May 2026	1049	11	24e	<2	<2
I12	07 May 2026	1047	2	>16000	860	960
I12	07 May 2026	1047	18	4400	880	240e
I12	07 May 2026	1047	27	200e	60	14e
I13	07 May 2026	1247	2	40	6e	<2
I13	07 May 2026	1247	18	1000e	460	220e
I13	07 May 2026	1247	37	30e	<2	2e
I14	07 May 2026	1027	2	11000	880	560
I14	07 May 2026	1027	18	900	260e	74
I14	07 May 2026	1027	27	60	4e	4e
I16	07 May 2026	1035	2	7600	720	480
I16	07 May 2026	1035	18	96	16e	2e
I16	07 May 2026	1035	27	18e	4e	<2
I18	07 May 2026	1002	2	>16000	6800	6000
I18	07 May 2026	1002	12	300e	52	16e
I18	07 May 2026	1002	18	44	4e	<2
I20	07 May 2026	821	2	<2	<2	<2
I20	07 May 2026	821	18	<2	<2	<2
I20	07 May 2026	821	55	8e	<2	2e
I21	07 May 2026	849	2	8e	<2	4e
I21	07 May 2026	849	18	2e	<2	<2
I21	07 May 2026	849	37	<2	<2	<2
I22	07 May 2026	933	2	160e	60	26e
I22	07 May 2026	933	18	840	220e	44
I22	07 May 2026	933	27	32e	8e	2e
I23	07 May 2026	947	2	>16000	1600e	840
I23	07 May 2026	947	12	3200e	240e	20e
I23	07 May 2026	947	18	40	4e	4e
I3	06 May 2026	952	2	<2	<2	<2
I3	06 May 2026	952	18	<2	<2	<2
I3	06 May 2026	952	27	<2	<2	<2
I30	08 May 2026	903	2	<2	<2	<2
I30	08 May 2026	903	18	940	120	62
I30	08 May 2026	903	27	66	26e	10e

Station	Date	Time	Depth	Total	Fecal	Entero
I33	08 May 2026	804	2	<2	<2	<2
I33	08 May 2026	804	18	36e	8e	12e
I33	08 May 2026	804	27	22e	4e	2e
I36	08 May 2026	937	2	<2	<2	<2
I36	08 May 2026	937	6	<2	<2	<2
I36	08 May 2026	937	11	4e	<2	4e
I37	08 May 2026	735	2	<2	<2	<2
I37	08 May 2026	735	6	<2	<2	<2
I37	08 May 2026	735	11	<2	<2	<2
I38	08 May 2026	1007	2	<2	<2	<2
I38	08 May 2026	1007	6	<2	<2	8e
I38	08 May 2026	1007	11	2e	<2	6e
I5	06 May 2026	1011	2	400	4e	20e
I5	06 May 2026	1011	6	60	10e	4e
I5	06 May 2026	1011	11	6e	<2	2e
I7	06 May 2026	838	2	<2	<2	<2
I7	06 May 2026	838	18	2e	<2	<2
I7	06 May 2026	838	52	6e	<2	2e
I8	06 May 2026	1122	2	<2	<2	<2
I8	06 May 2026	1122	18	<2	<2	<2
I8	06 May 2026	1122	37	<2	<2	<2
I9	06 May 2026	1114	2	<2	<2	<2
I9	06 May 2026	1114	18	<2	<2	<2
I9	06 May 2026	1114	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	06 May 2026	Arrive Time	947
I3	06 May 2026	Depart Time	952
I3	06 May 2026	Air Temp (C)	17.7
I3	06 May 2026	Visibility (mi)	10
I3	06 May 2026	Wind Speed (kts)	3
I3	06 May 2026	Wind Dir	E
I3	06 May 2026	Sea State	Light Chop
I3	06 May 2026	High Tide Time	6
I3	06 May 2026	Low Tide Time	706
I3	06 May 2026	Comments	
I5	06 May 2026	Arrive Time	1011
I5	06 May 2026	Depart Time	1015
I5	06 May 2026	Air Temp (C)	17.7
I5	06 May 2026	Visibility (mi)	10
I5	06 May 2026	Wind Speed (kts)	4.1
I5	06 May 2026	Wind Dir	NE
I5	06 May 2026	Sea State	Light Chop
I5	06 May 2026	High Tide Time	6
I5	06 May 2026	Low Tide Time	706
I5	06 May 2026	Comments	
I9	06 May 2026	Arrive Time	1109
I9	06 May 2026	Depart Time	1114
I9	06 May 2026	Air Temp (C)	17.1
I9	06 May 2026	Visibility (mi)	10
I9	06 May 2026	Wind Speed (kts)	7.4
I9	06 May 2026	Wind Dir	NW
I9	06 May 2026	Sea State	Light Chop
I9	06 May 2026	High Tide Time	6
I9	06 May 2026	Low Tide Time	706
I9	06 May 2026	Comments	
I11	06 May 2026	Arrive Time	1045
I11	06 May 2026	Depart Time	1049
I11	06 May 2026	Air Temp (C)	17.9
I11	06 May 2026	Visibility (mi)	10
I11	06 May 2026	Wind Speed (kts)	4.6
I11	06 May 2026	Wind Dir	N
I11	06 May 2026	Sea State	Light Chop
I11	06 May 2026	High Tide Time	6
I11	06 May 2026	Low Tide Time	706
I11	06 May 2026	Comments	
I10	06 May 2026	Arrive Time	1057
I10	06 May 2026	Depart Time	1101
I10	06 May 2026	Air Temp (C)	17.8
I10	06 May 2026	Visibility (mi)	10
I10	06 May 2026	Wind Speed (kts)	8.3
I10	06 May 2026	Wind Dir	NW
I10	06 May 2026	Sea State	Light Chop
I10	06 May 2026	High Tide Time	6
I10	06 May 2026	Low Tide Time	706
I10	06 May 2026	Comments	
I7	06 May 2026	Arrive Time	825

Station	Date	Parameter	Value
17	06 May 2026	Depart Time	838
17	06 May 2026	Air Temp (C)	17
17	06 May 2026	Visibility (mi)	10
17	06 May 2026	Wind Speed (kts)	2.9
17	06 May 2026	Wind Dir	SE
17	06 May 2026	Sea State	Light Chop
17	06 May 2026	High Tide Time	6
17	06 May 2026	Low Tide Time	706
17	06 May 2026	Comments	
18	06 May 2026	Arrive Time	1122
18	06 May 2026	Depart Time	1128
18	06 May 2026	Air Temp (C)	17.4
18	06 May 2026	Visibility (mi)	10
18	06 May 2026	Wind Speed (kts)	8.6
18	06 May 2026	Wind Dir	NW
18	06 May 2026	Sea State	Light Chop
18	06 May 2026	High Tide Time	6
18	06 May 2026	Low Tide Time	706
18	06 May 2026	Comments	
112	07 May 2026	Arrive Time	1047
112	07 May 2026	Depart Time	1054
112	07 May 2026	Air Temp (C)	18.7
112	07 May 2026	Visibility (mi)	10
112	07 May 2026	Wind Speed (kts)	2.3
112	07 May 2026	Wind Dir	SW
112	07 May 2026	Sea State	Regular Swell
112	07 May 2026	High Tide Time	6
112	07 May 2026	Low Tide Time	812
112	07 May 2026	Comments	OA 1m Btl# Nsk# ;OA 26m Btl# Nsk# ;OA 26m-dup Btl# Nsk# ;
118	07 May 2026	Arrive Time	1002
118	07 May 2026	Depart Time	1007
118	07 May 2026	Air Temp (C)	17.3
118	07 May 2026	Visibility (mi)	10
118	07 May 2026	Wind Speed (kts)	1.6
118	07 May 2026	Wind Dir	S
118	07 May 2026	Sea State	Calm
118	07 May 2026	High Tide Time	6
118	07 May 2026	Low Tide Time	812
118	07 May 2026	Comments	Sewage Smell
116	07 May 2026	Arrive Time	1035
116	07 May 2026	Depart Time	1043
116	07 May 2026	Air Temp (C)	17.9
116	07 May 2026	Visibility (mi)	10
116	07 May 2026	Wind Speed (kts)	1.3
116	07 May 2026	Wind Dir	SW
116	07 May 2026	Sea State	Regular Swell
116	07 May 2026	High Tide Time	6
116	07 May 2026	Low Tide Time	812
116	07 May 2026	Comments	
114	07 May 2026	Arrive Time	1027
114	07 May 2026	Depart Time	1032
114	07 May 2026	Air Temp (C)	18.1
114	07 May 2026	Visibility (mi)	10
114	07 May 2026	Wind Speed (kts)	1.9
114	07 May 2026	Wind Dir	S

Station	Date	Parameter	Value
I14	07 May 2026	Sea State	Calm
I14	07 May 2026	High Tide Time	6
I14	07 May 2026	Low Tide Time	812
I14	07 May 2026	Comments	
I23	07 May 2026	Arrive Time	947
I23	07 May 2026	Depart Time	954
I23	07 May 2026	Air Temp (C)	18.2
I23	07 May 2026	Visibility (mi)	10
I23	07 May 2026	Wind Speed (kts)	1
I23	07 May 2026	Wind Dir	NW
I23	07 May 2026	Sea State	Calm
I23	07 May 2026	High Tide Time	6
I23	07 May 2026	Low Tide Time	812
I23	07 May 2026	Comments	
I22	07 May 2026	Arrive Time	933
I22	07 May 2026	Depart Time	938
I22	07 May 2026	Air Temp (C)	17.8
I22	07 May 2026	Visibility (mi)	10
I22	07 May 2026	Wind Speed (kts)	0
I22	07 May 2026	Wind Dir	NE
I22	07 May 2026	Sea State	Calm
I22	07 May 2026	High Tide Time	6
I22	07 May 2026	Low Tide Time	812
I22	07 May 2026	Comments	Kelp debris
I20	07 May 2026	Arrive Time	821
I20	07 May 2026	Depart Time	842
I20	07 May 2026	Air Temp (C)	16.8
I20	07 May 2026	Visibility (mi)	10
I20	07 May 2026	Wind Speed (kts)	1.8
I20	07 May 2026	Wind Dir	SE
I20	07 May 2026	Sea State	Regular Swell
I20	07 May 2026	High Tide Time	6
I20	07 May 2026	Low Tide Time	812
I20	07 May 2026	Comments	
I21	07 May 2026	Arrive Time	849
I21	07 May 2026	Depart Time	857
I21	07 May 2026	Air Temp (C)	16.4
I21	07 May 2026	Visibility (mi)	10
I21	07 May 2026	Wind Speed (kts)	5.4
I21	07 May 2026	Wind Dir	SE
I21	07 May 2026	Sea State	Regular Swell
I21	07 May 2026	High Tide Time	6
I21	07 May 2026	Low Tide Time	812
I21	07 May 2026	Comments	Sewage smell OA 1m Btl# 2605062575 Nsk# 5;OA 41m Btl# 2605062576 Nsk# 1;
I30	08 May 2026	Arrive Time	903
I30	08 May 2026	Depart Time	908
I30	08 May 2026	Air Temp (C)	17.2
I30	08 May 2026	Visibility (mi)	9
I30	08 May 2026	Wind Speed (kts)	1.9
I30	08 May 2026	Wind Dir	NW
I30	08 May 2026	Sea State	Regular Swell
I30	08 May 2026	High Tide Time	42
I30	08 May 2026	Low Tide Time	918
I30	08 May 2026	Comments	

Station	Date	Parameter	Value
I33	08 May 2026	Arrive Time	804
I33	08 May 2026	Depart Time	814
I33	08 May 2026	Air Temp (C)	16.6
I33	08 May 2026	Visibility (mi)	9
I33	08 May 2026	Wind Speed (kts)	1.4
I33	08 May 2026	Wind Dir	W
I33	08 May 2026	Sea State	Regular Swell
I33	08 May 2026	High Tide Time	42
I33	08 May 2026	Low Tide Time	918
I33	08 May 2026	Comments	OA 1m Btl# Nsk# ;OA 55m Btl# Nsk# ;
I36	08 May 2026	Arrive Time	937
I36	08 May 2026	Depart Time	941
I36	08 May 2026	Air Temp (C)	17.3
I36	08 May 2026	Visibility (mi)	9
I36	08 May 2026	Wind Speed (kts)	3.9
I36	08 May 2026	Wind Dir	NW
I36	08 May 2026	Sea State	Regular Swell
I36	08 May 2026	High Tide Time	42
I36	08 May 2026	Low Tide Time	918
I36	08 May 2026	Comments	Field Dup 11m; Kelp Debris
I37	08 May 2026	Arrive Time	735
I37	08 May 2026	Depart Time	738
I37	08 May 2026	Air Temp (C)	16.3
I37	08 May 2026	Visibility (mi)	9
I37	08 May 2026	Wind Speed (kts)	1.5
I37	08 May 2026	Wind Dir	W
I37	08 May 2026	Sea State	Regular Swell
I37	08 May 2026	High Tide Time	42
I37	08 May 2026	Low Tide Time	918
I37	08 May 2026	Comments	Kelp Debris; Possible Red Tide
I38	08 May 2026	Arrive Time	1007
I38	08 May 2026	Depart Time	1015
I38	08 May 2026	Air Temp (C)	17.7
I38	08 May 2026	Visibility (mi)	9
I38	08 May 2026	Wind Speed (kts)	1.6
I38	08 May 2026	Wind Dir	W
I38	08 May 2026	Sea State	Regular Swell
I38	08 May 2026	High Tide Time	42
I38	08 May 2026	Low Tide Time	918
I38	08 May 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 (μ g/L)
I3	06 May 2026	1	16.34	86.80	9.8	33.39	8.3	24.4	0.63
I3	06 May 2026	2	16.21	86.67	9.9	33.39	8.3	24.5	0.64
I3	06 May 2026	3	16.22	87.33	9.9	33.39	8.3	24.5	0.71
I3	06 May 2026	4	16.08	87.15	9.9	33.39	8.3	24.5	0.83
I3	06 May 2026	5	15.54	86.83	10.1	33.41	8.3	24.6	1.00
I3	06 May 2026	6	14.92	87.40	10.1	33.41	8.3	24.8	1.18
I3	06 May 2026	7	14.09	87.25	9.7	33.42	8.3	25.0	1.29
I3	06 May 2026	8	13.78	86.64	9.2	33.41	8.2	25.0	1.50
I3	06 May 2026	9	13.49	85.52	8.4	33.42	8.2	25.1	1.84
I3	06 May 2026	10	13.02	85.54	7.4	33.42	8.1	25.2	2.11
I3	06 May 2026	11	12.67	86.00	6.4	33.41	8.0	25.2	2.39
I3	06 May 2026	12	12.58	86.30	6.0	33.41	8.0	25.2	2.84
I3	06 May 2026	13	12.49	86.59	5.8	33.42	7.9	25.3	3.31
I3	06 May 2026	14	12.35	87.41	5.6	33.45	7.9	25.3	3.69
I3	06 May 2026	15	12.26	87.72	5.4	33.45	7.9	25.3	4.20
I3	06 May 2026	16	12.10	88.04	5.2	33.49	7.9	25.4	4.07
I3	06 May 2026	17	12.03	89.21	5.0	33.51	7.9	25.4	3.12
I3	06 May 2026	18	12.04	91.78	4.9	33.51	7.9	25.4	2.17
I3	06 May 2026	19	11.96	93.23	4.8	33.52	7.9	25.4	1.77
I3	06 May 2026	20	11.91	93.59	4.8	33.53	7.9	25.5	1.45
I3	06 May 2026	21	11.88	94.07	4.7	33.54	7.9	25.5	1.26
I3	06 May 2026	22	11.88	94.35	4.7	33.54	7.9	25.5	1.20
I3	06 May 2026	23	11.86	94.20	4.6	33.54	7.9	25.5	1.17
I3	06 May 2026	24	11.82	94.26	4.6	33.54	7.9	25.5	1.16
I3	06 May 2026	25	11.84	94.32	4.6	33.54	7.9	25.5	1.27
I3	06 May 2026	26	11.81	94.44	4.6	33.55	7.9	25.5	1.26
I3	06 May 2026	27	11.81	94.49	4.6	33.55	7.9	25.5	1.11
I4	06 May 2026	1	16.02	78.41	9.8	33.34	8.3	24.5	1.01
I4	06 May 2026	2	15.67	79.68	9.7	33.39	8.3	24.6	1.03
I4	06 May 2026	3	15.36	79.03	9.4	33.39	8.2	24.7	1.17
I4	06 May 2026	4	15.08	75.52	9.2	33.41	8.2	24.7	2.22
I4	06 May 2026	5	14.41	68.62	8.6	33.45	8.2	24.9	5.91
I4	06 May 2026	6	14.19	64.55	7.7	33.45	8.1	24.9	11.95
I4	06 May 2026	7	13.38	65.14	6.7	33.46	8.1	25.1	10.78
I4	06 May 2026	8	13.03	70.36	6.0	33.47	8.0	25.2	8.78
I4	06 May 2026	9	13.03	74.62	5.4	33.47	7.9	25.2	7.66
I4	06 May 2026	10	12.99	78.62	5.1	33.48	7.9	25.2	6.19
I4	06 May 2026	11	12.90	81.20	4.9	33.48	7.9	25.2	5.21
I4	06 May 2026	12	12.84	82.24	4.8	33.48	7.9	25.2	5.95
I4	06 May 2026	13	12.82	81.54	4.8	33.48	7.9	25.3	6.84
I4	06 May 2026	14	12.79	82.20	4.7	33.49	7.9	25.3	6.67
I4	06 May 2026	15	12.75	82.64	4.7	33.49	7.8	25.3	6.44
I4	06 May 2026	16	12.70	82.84	4.6	33.50	7.8	25.3	6.04
I4	06 May 2026	17	12.69	83.14	4.6	33.50	7.8	25.3	5.56
I4	06 May 2026	18	12.69	84.03	4.5	33.50	7.8	25.3	4.67
I5	06 May 2026	1	15.53	70.95	9.1	33.39	8.2	24.6	1.78
I5	06 May 2026	2	15.23	70.87	8.9	33.40	8.2	24.7	2.19
I5	06 May 2026	3	14.47	65.74	8.1	33.45	8.2	24.9	4.05
I5	06 May 2026	4	13.83	62.86	6.8	33.47	8.1	25.0	7.43
I5	06 May 2026	5	13.46	62.46	5.9	33.48	8.0	25.1	6.59
I5	06 May 2026	6	13.37	71.20	5.5	33.47	7.9	25.1	5.87
I5	06 May 2026	7	13.28	75.49	5.3	33.47	7.9	25.2	5.93
I5	06 May 2026	8	13.19	76.87	5.2	33.47	7.9	25.2	5.50

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
I5	06 May 2026	9	13.19	78.15	5.1	33.47	7.9	25.2	4.91
I5	06 May 2026	10	13.17	78.49	5.1	33.47	7.9	25.2	4.98
I5	06 May 2026	11	13.14	79.84	5.0	33.47	7.9	25.2	4.77
I5	06 May 2026	12	13.13	79.99	5.0	33.48	7.9	25.2	4.47
I5	06 May 2026	13	13.13	80.22	4.9	33.48	7.9	25.2	4.29
I5	06 May 2026	14	13.14	80.80	4.9	33.48	7.9	25.2	3.86
I1	06 May 2026	1	17.08	89.69	9.2	33.41	8.3	24.3	0.52
I1	06 May 2026	2	17.06	89.44	9.2	33.41	8.3	24.3	0.53
I1	06 May 2026	3	16.91	88.02	9.1	33.42	8.3	24.3	0.63
I1	06 May 2026	4	16.07	89.10	9.2	33.44	8.3	24.5	1.10
I1	06 May 2026	5	15.69	87.38	9.1	33.42	8.2	24.6	2.14
I1	06 May 2026	6	14.67	83.66	8.7	33.45	8.2	24.8	3.65
I1	06 May 2026	7	13.26	82.30	7.6	33.49	8.1	25.2	6.61
I1	06 May 2026	8	12.59	80.21	6.7	33.50	8.1	25.3	5.48
I1	06 May 2026	9	12.38	85.41	6.3	33.49	8.0	25.3	3.62
I1	06 May 2026	10	12.35	87.44	6.2	33.49	8.0	25.4	3.20
I1	06 May 2026	11	12.20	88.52	6.0	33.50	8.0	25.4	3.02
I1	06 May 2026	12	12.14	90.75	5.8	33.51	8.0	25.4	2.65
I1	06 May 2026	13	11.91	91.28	5.6	33.54	8.0	25.5	2.57
I1	06 May 2026	14	11.62	92.28	5.3	33.55	7.9	25.5	1.86
I1	06 May 2026	15	11.38	94.48	5.0	33.57	7.9	25.6	1.25
I1	06 May 2026	16	11.33	95.51	4.9	33.56	7.9	25.6	0.88
I1	06 May 2026	17	11.23	96.30	4.8	33.58	7.9	25.6	0.73
I1	06 May 2026	18	11.22	97.52	4.8	33.58	7.9	25.6	0.73
I1	06 May 2026	19	11.22	97.77	4.7	33.59	7.9	25.6	0.65
I1	06 May 2026	20	11.21	97.84	4.7	33.59	7.9	25.6	0.70
I1	06 May 2026	21	11.19	97.81	4.7	33.60	7.9	25.6	0.61
I1	06 May 2026	22	11.19	97.92	4.7	33.60	7.9	25.7	0.63
I1	06 May 2026	23	11.19	97.91	4.7	33.60	7.9	25.7	0.63
I1	06 May 2026	24	11.19	97.85	4.7	33.62	7.9	25.7	0.67
I1	06 May 2026	25	11.17	97.76	4.6	33.62	7.9	25.7	0.66
I1	06 May 2026	26	11.05	97.86	4.5	33.66	7.8	25.7	0.54
I1	06 May 2026	27	11.09	98.04	4.4	33.65	7.8	25.7	0.51
I1	06 May 2026	28	11.00	98.35	4.4	33.67	7.8	25.7	0.46
I1	06 May 2026	29	10.99	98.41	4.3	33.67	7.8	25.7	0.43
I1	06 May 2026	30	10.99	98.48	4.3	33.67	7.8	25.7	0.36
I1	06 May 2026	31	10.98	98.50	4.3	33.67	7.8	25.7	0.37
I1	06 May 2026	32	10.98	98.54	4.3	33.67	7.8	25.7	0.35
I1	06 May 2026	33	10.98	98.60	4.3	33.67	7.8	25.7	0.33
I1	06 May 2026	34	10.98	98.60	4.3	33.67	7.8	25.7	0.32
I1	06 May 2026	35	10.97	98.60	4.2	33.67	7.8	25.7	0.32
I1	06 May 2026	36	10.97	98.59	4.2	33.67	7.8	25.7	0.31
I1	06 May 2026	37	10.97	98.54	4.2	33.68	7.8	25.8	0.30
I1	06 May 2026	38	10.96	98.55	4.2	33.68	7.8	25.8	0.31
I1	06 May 2026	39	10.96	98.52	4.2	33.68	7.8	25.8	0.36
I1	06 May 2026	40	10.95	98.38	4.1	33.70	7.8	25.8	0.30
I1	06 May 2026	41	10.95	98.13	4.0	33.70	7.8	25.8	0.29
I1	06 May 2026	42	10.95	98.01	4.0	33.70	7.8	25.8	0.31
I1	06 May 2026	43	10.94	98.02	3.9	33.71	7.8	25.8	0.29
I1	06 May 2026	44	10.94	97.99	3.9	33.71	7.8	25.8	0.30
I1	06 May 2026	45	10.92	97.63	3.9	33.73	7.8	25.8	0.28
I1	06 May 2026	46	10.92	97.72	3.8	33.73	7.8	25.8	0.28
I1	06 May 2026	47	10.91	97.76	3.8	33.73	7.8	25.8	0.27
I1	06 May 2026	48	10.88	97.75	3.7	33.74	7.8	25.8	0.25
I1	06 May 2026	49	10.87	97.69	3.7	33.74	7.8	25.8	0.24
I1	06 May 2026	50	10.86	97.66	3.7	33.75	7.8	25.8	0.24
I1	06 May 2026	51	10.84	97.61	3.6	33.76	7.8	25.8	0.22
I1	06 May 2026	52	10.83	97.53	3.6	33.76	7.8	25.8	0.21
I1	06 May 2026	53	10.83	97.58	3.6	33.76	7.8	25.8	0.21
I1	06 May 2026	54	10.83	97.54	3.6	33.76	7.8	25.8	0.21

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I1	06 May 2026	55	10.83	97.52	3.6	33.76	7.8	25.8	0.19
I1	06 May 2026	56	10.83	97.57	3.6	33.77	7.8	25.8	0.19
I1	06 May 2026	57	10.81	97.56	3.6	33.77	7.8	25.9	0.19
I1	06 May 2026	58	10.81	97.44	3.6	33.77	7.8	25.9	0.19
I1	06 May 2026	59	10.78	97.26	3.5	33.78	7.8	25.9	0.18
I1	06 May 2026	60	10.78	97.12	3.5	33.79	7.8	25.9	0.17
I2	06 May 2026	1	16.65	87.34	9.6	33.40	8.3	24.4	0.49
I2	06 May 2026	2	16.59	87.86	9.6	33.41	8.3	24.4	0.50
I2	06 May 2026	3	16.53	88.61	9.5	33.41	8.3	24.4	0.60
I2	06 May 2026	4	16.48	88.41	9.5	33.41	8.3	24.4	0.71
I2	06 May 2026	5	16.45	88.20	9.4	33.40	8.3	24.4	0.88
I2	06 May 2026	6	16.44	88.08	9.4	33.40	8.3	24.4	1.08
I2	06 May 2026	7	16.38	88.02	9.3	33.40	8.3	24.4	1.22
I2	06 May 2026	8	16.17	87.93	9.3	33.40	8.3	24.5	1.46
I2	06 May 2026	9	15.23	87.30	9.1	33.42	8.3	24.7	1.86
I2	06 May 2026	10	13.88	84.36	8.5	33.42	8.2	25.0	3.75
I2	06 May 2026	11	12.63	81.67	6.8	33.45	8.1	25.3	4.79
I2	06 May 2026	12	11.97	90.64	5.5	33.52	8.0	25.4	2.03
I2	06 May 2026	13	11.76	94.75	4.8	33.55	7.9	25.5	0.98
I2	06 May 2026	14	11.64	95.74	4.7	33.57	7.9	25.5	0.73
I2	06 May 2026	15	11.63	95.80	4.5	33.58	7.9	25.6	0.74
I2	06 May 2026	16	11.63	95.78	4.4	33.59	7.9	25.6	0.73
I2	06 May 2026	17	11.64	95.73	4.4	33.59	7.8	25.6	0.71
I2	06 May 2026	18	11.56	95.79	4.4	33.60	7.8	25.6	0.71
I2	06 May 2026	19	11.56	95.93	4.4	33.60	7.8	25.6	0.72
I2	06 May 2026	20	11.52	95.85	4.3	33.61	7.8	25.6	0.72
I2	06 May 2026	21	11.50	96.05	4.3	33.62	7.8	25.6	0.73
I2	06 May 2026	22	11.49	96.07	4.3	33.62	7.8	25.6	0.81
I2	06 May 2026	23	11.44	96.11	4.3	33.63	7.8	25.6	0.67
I2	06 May 2026	24	11.43	96.11	4.2	33.63	7.8	25.6	0.67
I2	06 May 2026	25	11.42	96.19	4.2	33.64	7.8	25.6	0.66
I2	06 May 2026	26	11.42	96.10	4.2	33.64	7.8	25.6	0.62
I2	06 May 2026	27	11.42	96.18	4.2	33.64	7.8	25.6	0.66
I2	06 May 2026	28	11.42	96.19	4.1	33.64	7.8	25.6	0.67
I2	06 May 2026	29	11.42	96.08	4.1	33.64	7.8	25.6	0.74
I2	06 May 2026	30	11.42	96.11	4.1	33.64	7.8	25.6	0.70
I2	06 May 2026	31	11.42	96.10	4.1	33.64	7.8	25.6	0.69
I2	06 May 2026	32	11.42	96.01	4.1	33.64	7.8	25.6	0.70
I6	06 May 2026	1	16.48	81.80	10.1	33.38	8.3	24.4	0.87
I6	06 May 2026	2	16.38	80.73	10.1	33.38	8.3	24.4	0.86
I6	06 May 2026	3	16.22	81.86	10.2	33.39	8.3	24.5	0.90
I6	06 May 2026	4	15.04	82.09	10.4	33.42	8.3	24.7	1.19
I6	06 May 2026	5	13.95	80.11	9.3	33.41	8.2	25.0	2.46
I6	06 May 2026	6	13.79	76.16	8.3	33.38	8.2	25.0	4.13
I6	06 May 2026	7	12.85	72.14	7.4	33.41	8.1	25.2	6.26
I6	06 May 2026	8	12.82	73.12	6.8	33.40	8.0	25.2	10.40
I6	06 May 2026	9	12.54	73.87	6.4	33.42	8.0	25.3	12.16
I6	06 May 2026	10	12.41	74.03	5.8	33.44	7.9	25.3	13.35
I6	06 May 2026	11	12.41	76.80	5.4	33.46	7.9	25.3	12.52
I6	06 May 2026	12	12.36	83.02	5.0	33.48	7.9	25.3	7.62
I6	06 May 2026	13	12.36	86.31	4.8	33.48	7.9	25.3	5.29
I6	06 May 2026	14	12.35	87.98	4.8	33.49	7.9	25.3	4.54
I6	06 May 2026	15	12.34	88.61	4.8	33.49	7.9	25.4	4.27
I6	06 May 2026	16	12.34	88.64	4.7	33.49	7.9	25.4	3.99
I6	06 May 2026	17	12.35	88.94	4.8	33.49	7.9	25.4	3.82
I6	06 May 2026	18	12.33	89.42	4.7	33.49	7.9	25.4	3.98
I6	06 May 2026	19	12.33	89.70	4.7	33.50	7.9	25.4	3.21
I6	06 May 2026	20	12.34	89.55	4.7	33.50	7.9	25.4	3.27
I6	06 May 2026	21	12.33	89.64	4.7	33.50	7.9	25.4	3.41

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I6	06 May 2026	22	12.33	89.36	4.7	33.50	7.9	25.4	3.96
I6	06 May 2026	23	12.32	88.87	4.7	33.50	7.9	25.4	4.07
I6	06 May 2026	24	12.31	89.22	4.6	33.50	7.9	25.4	3.27
I6	06 May 2026	25	12.31	90.05	4.6	33.50	7.9	25.4	2.85
I9	06 May 2026	1	16.85	83.16	10.4	33.39	8.3	24.3	0.55
I9	06 May 2026	2	16.84	85.99	10.4	33.39	8.3	24.3	0.56
I9	06 May 2026	3	16.62	86.35	10.3	33.39	8.3	24.4	0.55
I9	06 May 2026	4	15.92	86.64	10.2	33.41	8.3	24.5	0.69
I9	06 May 2026	5	14.94	87.18	10.2	33.42	8.3	24.8	0.86
I9	06 May 2026	6	14.50	87.70	10.0	33.41	8.3	24.9	1.12
I9	06 May 2026	7	14.11	86.70	9.7	33.40	8.2	24.9	1.36
I9	06 May 2026	8	13.88	84.91	9.1	33.39	8.2	25.0	1.71
I9	06 May 2026	9	13.20	82.80	8.1	33.42	8.2	25.1	2.04
I9	06 May 2026	10	12.87	82.40	7.1	33.41	8.1	25.2	2.10
I9	06 May 2026	11	12.72	84.89	6.5	33.42	8.0	25.2	2.14
I9	06 May 2026	12	12.41	87.66	6.2	33.43	8.0	25.3	2.95
I9	06 May 2026	13	12.35	87.19	6.1	33.44	8.0	25.3	4.14
I9	06 May 2026	14	12.31	86.89	5.8	33.45	8.0	25.3	4.06
I9	06 May 2026	15	12.26	87.72	5.4	33.46	7.9	25.3	3.74
I9	06 May 2026	16	12.23	89.04	5.2	33.47	7.9	25.4	3.37
I9	06 May 2026	17	12.16	89.98	5.1	33.48	7.9	25.4	3.13
I9	06 May 2026	18	12.08	90.81	5.0	33.50	7.9	25.4	3.20
I9	06 May 2026	19	12.07	91.06	4.9	33.51	7.9	25.4	2.58
I9	06 May 2026	20	12.04	92.67	4.8	33.52	7.9	25.4	1.77
I9	06 May 2026	21	12.01	93.54	4.8	33.52	7.9	25.4	1.74
I9	06 May 2026	22	11.99	93.52	4.8	33.52	7.9	25.4	1.82
I9	06 May 2026	23	11.98	93.70	4.7	33.53	7.9	25.4	1.59
I9	06 May 2026	24	11.98	93.76	4.8	33.53	7.9	25.5	1.43
I9	06 May 2026	25	11.98	93.81	4.7	33.53	7.9	25.4	1.44
I9	06 May 2026	26	11.97	94.01	4.7	33.53	7.9	25.5	1.34
I9	06 May 2026	27	11.97	94.06	4.7	33.53	7.9	25.5	1.32
I9	06 May 2026	28	11.97	93.98	4.7	33.53	7.9	25.5	1.29
I9	06 May 2026	29	11.97	93.46	4.7	33.53	7.9	25.5	1.27
I11	06 May 2026	1	16.03	69.55	9.6	33.34	8.2	24.5	2.02
I11	06 May 2026	2	15.71	68.99	9.6	33.37	8.2	24.6	1.64
I11	06 May 2026	3	14.98	68.25	9.8	33.41	8.3	24.8	4.85
I11	06 May 2026	4	14.28	62.26	8.5	33.45	8.2	24.9	10.82
I11	06 May 2026	5	13.88	61.58	7.2	33.44	8.1	25.0	9.62
I11	06 May 2026	6	13.77	66.84	6.8	33.43	8.0	25.0	7.54
I11	06 May 2026	7	13.68	69.84	6.6	33.42	8.0	25.0	6.79
I11	06 May 2026	8	13.63	73.94	6.5	33.42	8.0	25.0	5.11
I11	06 May 2026	9	13.58	76.19	6.2	33.42	8.0	25.1	4.56
I11	06 May 2026	10	13.55	79.61	6.0	33.42	8.0	25.1	3.08
I11	06 May 2026	11	13.54	81.35	5.9	33.42	8.0	25.1	2.68
I11	06 May 2026	12	13.53	82.46	5.8	33.42	8.0	25.1	2.36
I11	06 May 2026	13	13.52	82.68	5.7	33.42	8.0	25.1	2.03
I10	06 May 2026	1	16.68	73.45	9.8	33.33	8.3	24.3	1.03
I10	06 May 2026	2	16.48	73.84	9.8	33.34	8.3	24.4	1.03
I10	06 May 2026	3	16.22	74.76	10.0	33.35	8.3	24.4	1.03
I10	06 May 2026	4	15.87	77.79	10.1	33.38	8.3	24.5	1.30
I10	06 May 2026	5	14.94	79.54	10.2	33.40	8.3	24.8	2.04
I10	06 May 2026	6	14.50	81.33	10.2	33.39	8.3	24.8	3.38
I10	06 May 2026	7	13.68	76.15	8.0	33.45	8.2	25.1	4.95
I10	06 May 2026	8	13.34	71.65	6.4	33.47	8.0	25.1	6.83
I10	06 May 2026	9	13.20	71.62	5.8	33.46	8.0	25.2	5.67
I10	06 May 2026	10	12.95	75.38	5.8	33.44	8.0	25.2	6.10
I10	06 May 2026	11	12.89	77.79	5.7	33.44	7.9	25.2	6.57
I10	06 May 2026	12	12.84	79.12	5.5	33.44	7.9	25.2	5.74

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I10	06 May 2026	13	12.84	82.29	5.4	33.44	7.9	25.2	4.40
I10	06 May 2026	14	12.83	84.64	5.4	33.45	7.9	25.2	4.01
I10	06 May 2026	15	12.82	85.16	5.4	33.45	7.9	25.2	3.90
I10	06 May 2026	16	12.81	85.17	5.3	33.45	7.9	25.2	4.08
I10	06 May 2026	17	12.78	85.47	5.3	33.45	7.9	25.2	3.49
I10	06 May 2026	18	12.69	86.31	5.2	33.46	7.9	25.3	2.69
I10	06 May 2026	19	12.65	87.13	5.1	33.46	7.9	25.3	1.89
I7	06 May 2026	1	17.05	89.50	9.6	33.40	8.3	24.3	0.55
I7	06 May 2026	2	17.04	89.43	9.6	33.40	8.3	24.3	0.58
I7	06 May 2026	3	17.03	89.52	9.6	33.40	8.3	24.3	0.64
I7	06 May 2026	4	17.03	89.55	9.6	33.40	8.3	24.3	0.71
I7	06 May 2026	5	17.01	89.49	9.6	33.40	8.3	24.3	0.83
I7	06 May 2026	6	16.98	89.37	9.6	33.40	8.3	24.3	0.98
I7	06 May 2026	7	16.74	89.21	9.4	33.40	8.3	24.4	1.20
I7	06 May 2026	8	15.57	88.75	9.2	33.44	8.2	24.6	1.49
I7	06 May 2026	9	14.33	87.35	9.2	33.46	8.2	24.9	3.62
I7	06 May 2026	10	13.65	80.35	8.3	33.48	8.2	25.1	8.45
I7	06 May 2026	11	13.27	75.53	7.4	33.47	8.1	25.2	10.68
I7	06 May 2026	12	12.59	78.03	6.6	33.52	8.0	25.3	7.95
I7	06 May 2026	13	12.56	86.16	6.0	33.49	8.0	25.3	5.04
I7	06 May 2026	14	11.71	89.62	5.4	33.59	7.9	25.5	3.83
I7	06 May 2026	15	11.63	91.94	4.9	33.59	7.9	25.6	1.64
I7	06 May 2026	16	11.53	94.70	4.6	33.62	7.9	25.6	1.13
I7	06 May 2026	17	11.34	95.44	4.2	33.68	7.8	25.7	0.83
I7	06 May 2026	18	11.34	95.47	3.9	33.68	7.8	25.7	0.56
I7	06 May 2026	19	11.35	95.53	3.8	33.69	7.8	25.7	0.54
I7	06 May 2026	20	11.33	95.56	3.8	33.69	7.8	25.7	0.60
I7	06 May 2026	21	11.27	95.60	3.9	33.69	7.8	25.7	0.68
I7	06 May 2026	22	11.16	95.70	4.0	33.69	7.8	25.7	0.48
I7	06 May 2026	23	11.05	96.31	4.1	33.68	7.8	25.7	0.45
I7	06 May 2026	24	11.00	97.08	4.2	33.68	7.8	25.7	0.45
I7	06 May 2026	25	11.00	97.27	4.2	33.68	7.8	25.7	0.41
I7	06 May 2026	26	10.98	97.77	4.2	33.68	7.8	25.8	0.39
I7	06 May 2026	27	10.97	98.03	4.1	33.69	7.8	25.8	0.37
I7	06 May 2026	28	10.97	98.27	4.1	33.70	7.8	25.8	0.35
I7	06 May 2026	29	10.97	98.22	4.1	33.70	7.8	25.8	0.35
I7	06 May 2026	30	10.97	98.15	4.0	33.70	7.8	25.8	0.35
I7	06 May 2026	31	10.97	98.16	4.0	33.70	7.8	25.8	0.35
I7	06 May 2026	32	10.96	98.16	4.0	33.71	7.8	25.8	0.34
I7	06 May 2026	33	10.96	98.11	3.9	33.72	7.8	25.8	0.34
I7	06 May 2026	34	10.96	98.04	3.9	33.72	7.8	25.8	0.31
I7	06 May 2026	35	10.94	97.91	3.9	33.72	7.8	25.8	0.31
I7	06 May 2026	36	10.91	97.91	3.9	33.73	7.8	25.8	0.31
I7	06 May 2026	37	10.88	97.88	3.9	33.73	7.8	25.8	0.27
I7	06 May 2026	38	10.86	98.09	3.8	33.74	7.8	25.8	0.25
I7	06 May 2026	39	10.86	98.09	3.8	33.74	7.8	25.8	0.24
I7	06 May 2026	40	10.86	98.17	3.8	33.74	7.8	25.8	0.24
I7	06 May 2026	41	10.84	98.18	3.8	33.75	7.8	25.8	0.24
I7	06 May 2026	42	10.81	98.05	3.8	33.75	7.8	25.8	0.22
I7	06 May 2026	43	10.81	98.08	3.8	33.75	7.8	25.8	0.22
I7	06 May 2026	44	10.79	98.13	3.7	33.76	7.8	25.8	0.20
I7	06 May 2026	45	10.79	98.08	3.7	33.76	7.8	25.8	0.19
I7	06 May 2026	46	10.79	98.05	3.7	33.76	7.8	25.9	0.19
I7	06 May 2026	47	10.77	97.90	3.7	33.77	7.8	25.9	0.19
I7	06 May 2026	48	10.76	97.86	3.7	33.77	7.8	25.9	0.18
I7	06 May 2026	49	10.74	97.83	3.6	33.78	7.8	25.9	0.18
I7	06 May 2026	50	10.73	97.81	3.6	33.78	7.8	25.9	0.17
I7	06 May 2026	51	10.73	97.77	3.6	33.78	7.8	25.9	0.17
I8	06 May 2026	1	17.39	88.41	10.0	33.38	8.3	24.2	0.43

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ -t)	Chlor (μ g/L)
I8	06 May 2026	2	17.26	88.37	9.9	33.40	8.3	24.2	0.44
I8	06 May 2026	3	16.81	87.78	10.0	33.40	8.3	24.3	0.41
I8	06 May 2026	4	16.76	88.53	10.0	33.39	8.3	24.3	0.49
I8	06 May 2026	5	16.67	88.20	9.9	33.39	8.3	24.4	0.63
I8	06 May 2026	6	16.23	88.33	9.8	33.43	8.3	24.5	0.72
I8	06 May 2026	7	15.27	88.22	9.7	33.46	8.3	24.7	0.81
I8	06 May 2026	8	14.55	89.17	9.3	33.47	8.2	24.9	0.80
I8	06 May 2026	9	13.14	88.73	8.2	33.51	8.1	25.2	0.92
I8	06 May 2026	10	12.75	89.44	6.8	33.47	8.0	25.3	0.88
I8	06 May 2026	11	12.56	90.27	6.1	33.48	8.0	25.3	1.04
I8	06 May 2026	12	12.42	89.66	5.8	33.48	8.0	25.3	1.83
I8	06 May 2026	13	12.15	88.82	5.5	33.53	7.9	25.4	2.52
I8	06 May 2026	14	12.01	91.81	5.0	33.55	7.9	25.5	1.75
I8	06 May 2026	15	11.96	94.23	4.8	33.56	7.9	25.5	1.43
I8	06 May 2026	16	11.91	94.74	4.7	33.56	7.9	25.5	1.35
I8	06 May 2026	17	11.89	94.58	4.8	33.56	7.9	25.5	1.27
I8	06 May 2026	18	11.86	94.55	4.7	33.56	7.9	25.5	1.16
I8	06 May 2026	19	11.80	94.64	4.7	33.57	7.9	25.5	1.11
I8	06 May 2026	20	11.76	95.01	4.7	33.58	7.9	25.5	1.13
I8	06 May 2026	21	11.71	95.19	4.6	33.58	7.9	25.5	1.10
I8	06 May 2026	22	11.69	95.27	4.5	33.59	7.9	25.6	1.07
I8	06 May 2026	23	11.69	95.29	4.5	33.59	7.9	25.6	1.23
I8	06 May 2026	24	11.69	95.44	4.5	33.59	7.9	25.6	1.05
I8	06 May 2026	25	11.69	95.47	4.5	33.59	7.9	25.6	1.07
I8	06 May 2026	26	11.69	95.46	4.4	33.59	7.9	25.6	1.04
I8	06 May 2026	27	11.67	95.42	4.3	33.61	7.8	25.6	0.97
I8	06 May 2026	28	11.62	95.37	4.3	33.62	7.8	25.6	0.96
I8	06 May 2026	29	11.57	95.30	4.2	33.64	7.8	25.6	0.93
I8	06 May 2026	30	11.38	95.18	4.1	33.67	7.8	25.7	0.94
I8	06 May 2026	31	11.36	95.62	4.0	33.67	7.8	25.7	0.87
I8	06 May 2026	32	11.36	95.60	4.0	33.66	7.8	25.7	0.88
I8	06 May 2026	33	11.36	95.38	4.0	33.66	7.8	25.7	0.82
I8	06 May 2026	34	11.36	95.45	4.0	33.66	7.8	25.7	0.74
I8	06 May 2026	35	11.36	95.44	4.0	33.66	7.8	25.7	0.78
I8	06 May 2026	36	11.36	95.43	4.0	33.66	7.8	25.7	0.94
I12	07 May 2026	1	16.38	71.88	9.9	33.32	8.3	24.4	3.70
I12	07 May 2026	2	16.32	72.07	9.9	33.33	8.3	24.4	3.81
I12	07 May 2026	3	16.04	72.11	9.9	33.37	8.2	24.5	4.64
I12	07 May 2026	4	16.07	72.42	9.9	33.38	8.2	24.5	6.08
I12	07 May 2026	5	15.61	72.73	9.4	33.42	8.2	24.6	6.70
I12	07 May 2026	6	13.75	73.63	8.0	33.50	8.1	25.1	6.97
I12	07 May 2026	7	12.94	76.18	6.2	33.38	7.9	25.1	2.81
I12	07 May 2026	8	12.50	82.06	5.6	33.43	7.9	25.3	2.53
I12	07 May 2026	9	12.35	86.15	5.2	33.41	7.8	25.3	2.24
I12	07 May 2026	10	12.37	87.62	5.0	33.44	7.8	25.3	2.35
I12	07 May 2026	11	12.39	88.02	4.9	33.45	7.8	25.3	2.72
I12	07 May 2026	12	12.40	88.35	4.9	33.45	7.8	25.3	2.98
I12	07 May 2026	13	12.41	88.16	4.8	33.46	7.8	25.3	3.01
I12	07 May 2026	14	12.40	87.81	4.7	33.50	7.8	25.3	2.84
I12	07 May 2026	15	12.41	88.39	4.7	33.49	7.8	25.3	2.55
I12	07 May 2026	16	12.32	89.67	4.6	33.50	7.8	25.4	2.48
I12	07 May 2026	17	12.27	90.84	4.6	33.51	7.8	25.4	1.94
I12	07 May 2026	18	12.27	91.74	4.6	33.51	7.8	25.4	1.86
I12	07 May 2026	19	12.23	92.03	4.6	33.51	7.8	25.4	1.91
I12	07 May 2026	20	12.21	92.30	4.6	33.51	7.8	25.4	1.69
I12	07 May 2026	21	12.20	92.60	4.6	33.51	7.8	25.4	1.59
I12	07 May 2026	22	12.20	92.81	4.6	33.51	7.8	25.4	1.53
I12	07 May 2026	23	12.10	92.99	4.6	33.52	7.8	25.4	1.40
I12	07 May 2026	24	12.03	93.46	4.5	33.53	7.8	25.4	1.33
I12	07 May 2026	25	12.01	93.92	4.5	33.53	7.8	25.4	1.28

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I12	07 May 2026	26	12.01	94.08	4.5	33.53	7.8	25.4	1.24
I12	07 May 2026	27	11.99	94.08	4.5	33.53	7.8	25.4	1.22
I12	07 May 2026	28	11.93	94.07	4.4	33.55	7.8	25.5	1.13
I18	07 May 2026	1	16.12	53.55	9.9	33.05	8.2	24.2	7.05
I18	07 May 2026	2	16.08	53.52	10.1	33.13	8.2	24.3	10.57
I18	07 May 2026	3	15.59	50.03	10.1	33.39	8.2	24.6	14.88
I18	07 May 2026	4	15.05	54.69	9.4	33.43	8.2	24.7	10.84
I18	07 May 2026	5	14.11	62.59	8.8	33.45	8.1	25.0	8.12
I18	07 May 2026	6	13.78	69.66	8.1	33.43	8.1	25.0	6.49
I18	07 May 2026	7	13.61	74.31	7.6	33.43	8.0	25.1	6.22
I18	07 May 2026	8	13.45	74.66	6.9	33.44	8.0	25.1	6.09
I18	07 May 2026	9	12.96	78.40	5.9	33.47	7.9	25.2	4.98
I18	07 May 2026	10	12.89	80.73	5.3	33.46	7.8	25.2	4.33
I18	07 May 2026	11	12.79	82.24	5.0	33.46	7.8	25.2	4.53
I18	07 May 2026	12	12.82	83.01	4.9	33.46	7.8	25.2	4.75
I18	07 May 2026	13	12.72	83.55	4.8	33.47	7.8	25.3	4.95
I18	07 May 2026	14	12.68	84.17	4.7	33.47	7.8	25.3	4.24
I18	07 May 2026	15	12.63	85.88	4.7	33.47	7.8	25.3	2.94
I18	07 May 2026	16	12.52	88.39	4.7	33.48	7.8	25.3	2.40
I18	07 May 2026	17	12.53	89.50	4.7	33.48	7.8	25.3	2.16
I18	07 May 2026	18	12.48	89.74	4.6	33.48	7.8	25.3	2.07
I18	07 May 2026	19	12.48	89.59	4.6	33.48	7.8	25.3	1.82
I13	07 May 2026	1	17.13	76.96	10.1	33.35	8.3	24.2	0.85
I13	07 May 2026	2	17.10	78.12	10.1	33.36	8.3	24.2	0.84
I13	07 May 2026	3	16.57	78.45	10.0	33.39	8.3	24.4	0.86
I13	07 May 2026	4	16.40	79.03	9.9	33.39	8.2	24.4	0.95
I13	07 May 2026	5	16.35	80.13	9.7	33.39	8.2	24.4	1.13
I13	07 May 2026	6	16.23	81.84	9.5	33.40	8.2	24.5	1.34
I13	07 May 2026	7	16.06	83.31	9.5	33.41	8.2	24.5	1.53
I13	07 May 2026	8	15.87	83.64	9.5	33.41	8.2	24.6	1.96
I13	07 May 2026	9	14.78	82.75	8.9	33.47	8.2	24.8	2.89
I13	07 May 2026	10	12.85	82.58	7.8	33.52	8.1	25.3	3.53
I13	07 May 2026	11	12.52	84.02	6.8	33.49	8.0	25.3	4.43
I13	07 May 2026	12	12.47	84.98	6.2	33.48	7.9	25.3	4.48
I13	07 May 2026	13	12.23	87.02	5.6	33.47	7.9	25.4	3.81
I13	07 May 2026	14	12.23	89.19	5.2	33.48	7.8	25.4	2.58
I13	07 May 2026	15	12.16	90.12	5.1	33.50	7.8	25.4	2.44
I13	07 May 2026	16	12.11	91.23	5.2	33.51	7.8	25.4	2.87
I13	07 May 2026	17	11.98	92.28	5.0	33.52	7.8	25.4	2.51
I13	07 May 2026	18	11.93	93.61	4.9	33.54	7.8	25.5	1.65
I13	07 May 2026	19	11.94	93.53	4.8	33.54	7.8	25.5	1.45
I13	07 May 2026	20	11.85	94.04	4.7	33.55	7.8	25.5	1.50
I13	07 May 2026	21	11.81	94.82	4.7	33.56	7.8	25.5	1.28
I13	07 May 2026	22	11.81	94.98	4.7	33.56	7.8	25.5	1.27
I13	07 May 2026	23	11.78	95.15	4.6	33.56	7.8	25.5	1.28
I13	07 May 2026	24	11.77	95.26	4.6	33.56	7.8	25.5	1.30
I13	07 May 2026	25	11.77	95.30	4.5	33.56	7.8	25.5	1.32
I13	07 May 2026	26	11.77	95.29	4.5	33.56	7.8	25.5	1.28
I13	07 May 2026	27	11.78	95.24	4.5	33.57	7.8	25.5	1.29
I13	07 May 2026	28	11.79	95.26	4.4	33.57	7.8	25.5	1.23
I13	07 May 2026	29	11.75	95.01	4.4	33.58	7.8	25.5	1.18
I13	07 May 2026	30	11.66	95.17	4.4	33.59	7.8	25.6	1.08
I13	07 May 2026	31	11.65	95.52	4.3	33.60	7.8	25.6	0.99
I13	07 May 2026	32	11.65	95.52	4.2	33.60	7.8	25.6	0.99
I13	07 May 2026	33	11.66	95.35	4.2	33.61	7.8	25.6	0.93
I13	07 May 2026	34	11.62	95.34	4.0	33.63	7.8	25.6	0.83
I13	07 May 2026	35	11.45	95.27	4.0	33.65	7.8	25.6	0.76
I13	07 May 2026	36	11.40	95.56	4.0	33.66	7.8	25.7	0.86
I13	07 May 2026	37	11.28	95.82	4.0	33.69	7.8	25.7	0.82

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I13	07 May 2026	38	11.24	96.10	3.9	33.70	7.8	25.7	0.58
I15	07 May 2026	1	16.94	76.42	10.6	33.37	8.3	24.3	1.05
I15	07 May 2026	2	16.90	76.68	10.5	33.37	8.3	24.3	1.09
I15	07 May 2026	3	16.54	77.10	10.3	33.40	8.3	24.4	1.18
I15	07 May 2026	4	16.06	77.36	10.2	33.41	8.3	24.5	1.80
I15	07 May 2026	5	15.80	77.35	9.9	33.39	8.2	24.6	3.59
I15	07 May 2026	6	14.17	77.55	9.0	33.45	8.2	24.9	4.73
I15	07 May 2026	7	13.19	77.98	7.6	33.43	8.1	25.1	5.05
I15	07 May 2026	8	12.94	81.38	6.6	33.41	8.0	25.2	3.99
I15	07 May 2026	9	12.56	84.46	5.9	33.41	7.9	25.2	3.76
I15	07 May 2026	10	12.29	86.35	5.4	33.42	7.9	25.3	2.88
I15	07 May 2026	11	12.18	88.78	5.0	33.42	7.8	25.3	2.18
I15	07 May 2026	12	12.27	88.62	4.9	33.45	7.8	25.3	3.00
I15	07 May 2026	13	12.30	88.55	4.8	33.48	7.8	25.4	3.46
I15	07 May 2026	14	12.27	89.50	4.7	33.49	7.8	25.4	2.89
I15	07 May 2026	15	12.27	90.20	4.8	33.49	7.8	25.4	2.60
I15	07 May 2026	16	12.27	90.79	4.8	33.49	7.8	25.4	2.41
I15	07 May 2026	17	12.25	91.26	4.7	33.49	7.8	25.4	2.16
I15	07 May 2026	18	12.26	91.76	4.6	33.50	7.8	25.4	1.62
I15	07 May 2026	19	12.25	92.21	4.7	33.50	7.8	25.4	1.56
I15	07 May 2026	20	12.25	92.35	4.7	33.50	7.8	25.4	1.57
I15	07 May 2026	21	12.23	92.46	4.6	33.50	7.8	25.4	1.61
I15	07 May 2026	22	12.19	92.67	4.6	33.51	7.8	25.4	1.41
I15	07 May 2026	23	12.06	92.96	4.5	33.53	7.8	25.4	1.25
I15	07 May 2026	24	12.02	93.52	4.4	33.54	7.8	25.4	1.15
I15	07 May 2026	25	12.01	94.05	4.5	33.54	7.8	25.5	1.09
I15	07 May 2026	26	11.99	94.60	4.5	33.54	7.8	25.5	1.02
I15	07 May 2026	27	11.98	94.76	4.4	33.55	7.8	25.5	1.00
I15	07 May 2026	28	11.95	94.26	4.2	33.55	7.8	25.5	0.97
I15	07 May 2026	29	11.78	93.78	4.1	33.61	7.8	25.6	0.81
I15	07 May 2026	30	11.63	94.00	3.8	33.64	7.7	25.6	0.58
I15	07 May 2026	31	11.60	94.17	3.7	33.65	7.7	25.6	0.57
I16	07 May 2026	1	15.83	74.29	9.4	33.36	8.2	24.5	4.45
I16	07 May 2026	2	16.45	68.67	9.6	33.33	8.3	24.4	2.87
I16	07 May 2026	3	16.10	67.79	9.5	33.44	8.3	24.5	2.93
I16	07 May 2026	4	15.53	70.93	9.5	33.45	8.2	24.7	6.62
I16	07 May 2026	5	13.82	73.59	8.5	33.49	8.1	25.1	7.17
I16	07 May 2026	6	13.32	78.58	7.3	33.45	8.0	25.1	5.02
I16	07 May 2026	7	12.74	81.94	6.5	33.43	8.0	25.2	4.02
I16	07 May 2026	8	12.60	84.59	5.9	33.41	7.9	25.2	3.48
I16	07 May 2026	9	12.62	84.30	5.8	33.41	7.9	25.2	4.54
I16	07 May 2026	10	12.54	81.90	5.9	33.46	7.9	25.3	5.55
I16	07 May 2026	11	12.44	81.63	5.7	33.48	7.9	25.3	5.61
I16	07 May 2026	12	12.40	83.03	5.3	33.49	7.8	25.3	4.36
I16	07 May 2026	13	12.44	84.70	5.2	33.48	7.8	25.3	3.94
I16	07 May 2026	14	12.39	86.46	5.0	33.49	7.8	25.3	4.15
I16	07 May 2026	15	12.36	88.11	4.8	33.50	7.8	25.4	2.82
I16	07 May 2026	16	12.39	89.46	4.8	33.49	7.8	25.3	2.55
I16	07 May 2026	17	12.35	90.24	4.7	33.50	7.8	25.4	2.54
I16	07 May 2026	18	12.34	90.78	4.7	33.50	7.8	25.4	1.91
I16	07 May 2026	19	12.29	91.50	4.6	33.50	7.8	25.4	1.76
I16	07 May 2026	20	12.23	92.00	4.6	33.51	7.8	25.4	1.37
I16	07 May 2026	21	12.18	92.70	4.6	33.52	7.8	25.4	1.22
I16	07 May 2026	22	12.06	93.00	4.4	33.53	7.8	25.4	1.06
I16	07 May 2026	23	12.04	93.36	4.4	33.54	7.8	25.4	1.08
I16	07 May 2026	24	12.04	93.98	4.4	33.54	7.8	25.4	1.08
I16	07 May 2026	25	11.98	94.20	4.4	33.54	7.8	25.5	0.99
I16	07 May 2026	26	11.93	94.15	4.3	33.56	7.8	25.5	0.91
I16	07 May 2026	27	11.90	94.11	4.1	33.57	7.8	25.5	0.84

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I16	07 May 2026	28	11.89	93.99	4.0	33.57	7.7	25.5	0.81
I17	07 May 2026	1	16.63	67.74	9.1	33.26	8.2	24.3	2.72
I17	07 May 2026	2	16.63	66.93	9.1	33.29	8.2	24.3	2.83
I17	07 May 2026	3	15.61	68.19	9.1	33.46	8.2	24.6	5.32
I17	07 May 2026	4	14.33	69.86	8.4	33.51	8.2	25.0	8.44
I17	07 May 2026	5	13.09	75.79	7.3	33.44	8.0	25.2	5.04
I17	07 May 2026	6	12.90	81.87	6.6	33.46	7.9	25.2	4.47
I17	07 May 2026	7	12.92	81.46	6.2	33.45	7.9	25.2	4.98
I17	07 May 2026	8	12.74	82.82	5.4	33.48	7.8	25.3	4.40
I17	07 May 2026	9	12.72	84.06	5.0	33.48	7.8	25.3	3.18
I17	07 May 2026	10	12.66	85.19	4.8	33.49	7.8	25.3	3.18
I17	07 May 2026	11	12.54	86.13	5.0	33.48	7.8	25.3	4.11
I17	07 May 2026	12	12.49	85.70	5.1	33.48	7.8	25.3	4.49
I17	07 May 2026	13	12.44	85.48	5.0	33.48	7.8	25.3	3.97
I17	07 May 2026	14	12.45	86.22	4.9	33.49	7.8	25.3	3.42
I17	07 May 2026	15	12.44	87.06	4.8	33.49	7.8	25.3	3.50
I17	07 May 2026	16	12.41	88.36	4.7	33.50	7.8	25.3	2.78
I17	07 May 2026	17	12.40	89.02	4.6	33.50	7.8	25.3	2.52
I17	07 May 2026	18	12.38	89.92	4.6	33.50	7.8	25.4	2.06
I17	07 May 2026	19	12.37	90.87	4.6	33.50	7.8	25.4	1.76
I17	07 May 2026	20	12.33	91.43	4.6	33.50	7.8	25.4	1.51
I17	07 May 2026	21	12.30	91.58	4.6	33.50	7.8	25.4	1.40
I17	07 May 2026	22	12.25	91.84	4.5	33.51	7.8	25.4	1.28
I17	07 May 2026	23	12.14	92.74	4.4	33.52	7.8	25.4	1.07
I17	07 May 2026	24	12.09	93.36	4.4	33.53	7.8	25.4	1.02
I17	07 May 2026	25	12.06	93.30	4.3	33.53	7.8	25.4	1.02
I14	07 May 2026	1	16.75	65.79	9.1	33.14	8.2	24.1	2.54
I14	07 May 2026	2	16.65	66.13	9.2	33.26	8.2	24.3	2.48
I14	07 May 2026	3	16.03	67.70	9.5	33.46	8.2	24.6	4.59
I14	07 May 2026	4	15.80	68.27	9.4	33.43	8.2	24.6	7.37
I14	07 May 2026	5	14.46	69.72	9.1	33.55	8.2	25.0	7.57
I14	07 May 2026	6	13.94	75.78	8.3	33.44	8.1	25.0	6.80
I14	07 May 2026	7	13.05	79.41	7.3	33.44	8.0	25.2	6.03
I14	07 May 2026	8	12.87	82.05	6.5	33.43	7.9	25.2	4.03
I14	07 May 2026	9	12.75	83.74	6.1	33.43	7.9	25.2	3.69
I14	07 May 2026	10	12.56	84.96	5.8	33.48	7.9	25.3	3.63
I14	07 May 2026	11	12.49	86.62	5.4	33.49	7.8	25.3	3.09
I14	07 May 2026	12	12.38	87.68	5.0	33.50	7.8	25.3	2.95
I14	07 May 2026	13	12.36	89.21	4.8	33.50	7.8	25.4	2.29
I14	07 May 2026	14	12.34	89.93	4.7	33.50	7.8	25.4	2.40
I14	07 May 2026	15	12.33	90.34	4.7	33.50	7.8	25.4	2.50
I14	07 May 2026	16	12.32	90.28	4.7	33.51	7.8	25.4	2.51
I14	07 May 2026	17	12.27	90.53	4.6	33.50	7.8	25.4	2.51
I14	07 May 2026	18	12.26	90.56	4.6	33.51	7.8	25.4	2.20
I14	07 May 2026	19	12.26	90.91	4.6	33.51	7.8	25.4	2.04
I14	07 May 2026	20	12.25	91.31	4.6	33.51	7.8	25.4	1.89
I14	07 May 2026	21	12.21	91.83	4.6	33.52	7.8	25.4	1.61
I14	07 May 2026	22	12.11	92.65	4.5	33.54	7.8	25.4	1.24
I14	07 May 2026	23	12.07	93.07	4.3	33.54	7.8	25.4	1.03
I14	07 May 2026	24	12.05	93.19	4.3	33.54	7.8	25.4	0.99
I14	07 May 2026	25	12.04	93.25	4.2	33.54	7.8	25.4	0.93
I14	07 May 2026	26	12.04	93.47	4.3	33.54	7.8	25.4	1.00
I14	07 May 2026	27	12.04	93.46	4.2	33.54	7.8	25.4	0.93
I14	07 May 2026	28	12.04	93.82	4.2	33.54	7.8	25.4	0.91
I23	07 May 2026	1	15.77	64.09	8.1	32.87	8.1	24.2	2.81
I23	07 May 2026	2	15.60	62.53	8.6	33.27	8.2	24.5	2.63
I23	07 May 2026	3	14.80	64.77	8.3	33.46	8.2	24.8	4.64
I23	07 May 2026	4	13.54	63.64	7.3	33.48	8.0	25.1	11.74

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I23	07 May 2026	5	13.30	62.71	6.0	33.45	7.9	25.1	7.97
I23	07 May 2026	6	13.26	71.47	5.5	33.44	7.8	25.1	5.38
I23	07 May 2026	7	13.23	76.06	5.3	33.43	7.8	25.1	4.87
I23	07 May 2026	8	13.17	79.45	5.1	33.44	7.8	25.1	4.20
I23	07 May 2026	9	12.99	81.29	5.0	33.45	7.8	25.2	3.55
I23	07 May 2026	10	12.87	83.01	4.9	33.45	7.8	25.2	3.72
I23	07 May 2026	11	12.74	84.43	4.8	33.45	7.8	25.2	3.87
I23	07 May 2026	12	12.73	85.13	4.8	33.45	7.8	25.2	3.92
I23	07 May 2026	13	12.71	85.63	4.8	33.45	7.8	25.3	3.85
I23	07 May 2026	14	12.70	86.28	4.8	33.45	7.8	25.3	3.54
I23	07 May 2026	15	12.66	86.39	4.7	33.45	7.8	25.3	3.48
I23	07 May 2026	16	12.61	86.05	4.6	33.46	7.8	25.3	2.36
I23	07 May 2026	17	12.61	87.38	4.5	33.46	7.8	25.3	1.73
I23	07 May 2026	18	12.55	88.54	4.4	33.47	7.8	25.3	1.36
I23	07 May 2026	19	12.55	89.44	4.4	33.47	7.8	25.3	0.98
I23	07 May 2026	20	12.47	89.99	4.3	33.48	7.7	25.3	0.94
I23	07 May 2026	21	12.45	90.42	4.2	33.48	7.7	25.3	0.81
I22	07 May 2026	1	16.24	72.79	10.2	33.41	8.3	24.5	5.82
I22	07 May 2026	2	16.23	73.48	10.1	33.41	8.3	24.5	5.39
I22	07 May 2026	3	16.26	74.02	10.0	33.42	8.3	24.5	4.03
I22	07 May 2026	4	16.12	74.85	10.1	33.41	8.3	24.5	4.89
I22	07 May 2026	5	16.00	73.98	10.0	33.41	8.3	24.5	8.06
I22	07 May 2026	6	15.55	73.03	9.6	33.42	8.2	24.6	8.73
I22	07 May 2026	7	14.41	73.18	8.8	33.46	8.2	24.9	8.66
I22	07 May 2026	8	12.98	74.96	7.6	33.45	8.0	25.2	8.11
I22	07 May 2026	9	12.76	77.82	6.8	33.42	8.0	25.2	7.25
I22	07 May 2026	10	12.71	79.75	6.4	33.42	7.9	25.2	6.84
I22	07 May 2026	11	12.70	80.64	6.2	33.43	7.9	25.2	6.94
I22	07 May 2026	12	12.64	80.63	6.0	33.44	7.9	25.2	7.54
I22	07 May 2026	13	12.58	79.62	5.5	33.45	7.8	25.3	8.12
I22	07 May 2026	14	12.58	79.70	5.2	33.45	7.8	25.3	7.93
I22	07 May 2026	15	12.53	80.74	4.9	33.47	7.8	25.3	7.30
I22	07 May 2026	16	12.50	82.75	4.8	33.48	7.8	25.3	4.85
I22	07 May 2026	17	12.43	82.61	4.8	33.48	7.8	25.3	4.82
I22	07 May 2026	18	12.34	85.87	4.8	33.49	7.8	25.4	3.57
I22	07 May 2026	19	12.30	88.06	4.7	33.49	7.8	25.4	2.50
I22	07 May 2026	20	12.29	90.25	4.6	33.50	7.8	25.4	1.92
I22	07 May 2026	21	12.27	91.12	4.5	33.50	7.8	25.4	1.48
I22	07 May 2026	22	12.23	91.80	4.5	33.50	7.8	25.4	1.60
I22	07 May 2026	23	12.13	92.54	4.5	33.51	7.8	25.4	1.28
I22	07 May 2026	24	12.02	93.17	4.5	33.53	7.8	25.4	1.13
I22	07 May 2026	25	11.99	93.97	4.4	33.54	7.8	25.5	1.02
I22	07 May 2026	26	12.00	93.68	4.3	33.54	7.8	25.5	1.04
I22	07 May 2026	27	11.98	93.83	4.3	33.54	7.8	25.5	1.03
I22	07 May 2026	28	11.98	93.83	4.3	33.55	7.8	25.5	0.93
I20	07 May 2026	1	16.66	85.02	9.8	33.39	8.2	24.4	1.32
I20	07 May 2026	2	16.65	86.13	9.8	33.39	8.2	24.4	1.32
I20	07 May 2026	3	16.59	86.27	9.8	33.39	8.2	24.4	1.35
I20	07 May 2026	4	16.53	86.32	9.8	33.39	8.2	24.4	1.28
I20	07 May 2026	5	16.51	84.65	9.8	33.39	8.2	24.4	1.19
I20	07 May 2026	6	16.46	87.62	9.8	33.40	8.2	24.4	1.23
I20	07 May 2026	7	16.22	88.22	9.7	33.41	8.2	24.5	1.62
I20	07 May 2026	8	15.96	86.91	9.5	33.42	8.2	24.5	2.46
I20	07 May 2026	9	15.25	84.58	9.0	33.47	8.2	24.7	3.36
I20	07 May 2026	10	13.12	80.23	8.3	33.54	8.1	25.2	6.47
I20	07 May 2026	11	12.39	76.31	7.2	33.56	8.0	25.4	9.23
I20	07 May 2026	12	12.03	84.51	6.2	33.57	7.9	25.5	6.10
I20	07 May 2026	13	11.85	90.34	5.7	33.56	7.9	25.5	4.08
I20	07 May 2026	14	11.71	91.67	5.4	33.56	7.8	25.5	3.19

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I20	07 May 2026	15	11.48	92.94	5.1	33.61	7.8	25.6	2.06
I20	07 May 2026	16	11.52	93.56	4.8	33.59	7.8	25.6	1.45
I20	07 May 2026	17	11.29	95.43	4.6	33.66	7.8	25.7	1.44
I20	07 May 2026	18	11.27	96.14	4.2	33.68	7.8	25.7	0.80
I20	07 May 2026	19	11.27	96.08	4.1	33.69	7.8	25.7	0.68
I20	07 May 2026	20	11.27	96.15	4.0	33.69	7.8	25.7	0.65
I20	07 May 2026	21	11.26	96.11	4.0	33.69	7.7	25.7	0.63
I20	07 May 2026	22	11.26	96.06	3.9	33.70	7.7	25.7	0.60
I20	07 May 2026	23	11.24	96.06	3.9	33.71	7.7	25.7	0.56
I20	07 May 2026	24	11.17	96.22	3.8	33.71	7.7	25.7	0.53
I20	07 May 2026	25	11.07	96.52	3.9	33.71	7.7	25.8	0.46
I20	07 May 2026	26	10.99	96.83	4.0	33.72	7.7	25.8	0.44
I20	07 May 2026	27	10.96	97.41	4.0	33.72	7.7	25.8	0.37
I20	07 May 2026	28	10.94	97.89	3.9	33.73	7.7	25.8	0.36
I20	07 May 2026	29	10.94	98.09	4.0	33.73	7.7	25.8	0.35
I20	07 May 2026	30	10.93	98.16	4.0	33.73	7.7	25.8	0.34
I20	07 May 2026	31	10.92	98.17	3.9	33.73	7.7	25.8	0.34
I20	07 May 2026	32	10.91	98.18	3.9	33.73	7.7	25.8	0.32
I20	07 May 2026	33	10.92	98.16	3.9	33.73	7.7	25.8	0.32
I20	07 May 2026	34	10.92	98.17	3.9	33.73	7.7	25.8	0.33
I20	07 May 2026	35	10.91	98.16	3.9	33.73	7.7	25.8	0.31
I20	07 May 2026	36	10.91	98.17	3.9	33.73	7.7	25.8	0.30
I20	07 May 2026	37	10.91	98.17	3.9	33.73	7.7	25.8	0.32
I20	07 May 2026	38	10.91	98.06	3.9	33.73	7.7	25.8	0.31
I20	07 May 2026	39	10.91	97.98	3.9	33.73	7.7	25.8	0.30
I20	07 May 2026	40	10.91	98.16	3.9	33.73	7.7	25.8	0.30
I20	07 May 2026	41	10.91	98.16	3.9	33.73	7.7	25.8	0.29
I20	07 May 2026	42	10.91	98.14	3.9	33.73	7.7	25.8	0.30
I20	07 May 2026	43	10.91	98.13	3.9	33.73	7.7	25.8	0.29
I20	07 May 2026	44	10.91	98.09	3.8	33.73	7.7	25.8	0.28
I20	07 May 2026	45	10.91	98.07	3.8	33.73	7.7	25.8	0.27
I20	07 May 2026	46	10.90	98.08	3.8	33.73	7.7	25.8	0.28
I20	07 May 2026	47	10.90	98.09	3.8	33.73	7.7	25.8	0.27
I20	07 May 2026	48	10.89	98.14	3.8	33.73	7.7	25.8	0.27
I20	07 May 2026	49	10.88	98.18	3.8	33.74	7.7	25.8	0.28
I20	07 May 2026	50	10.87	98.19	3.8	33.74	7.7	25.8	0.26
I20	07 May 2026	51	10.86	98.14	3.7	33.75	7.7	25.8	0.24
I20	07 May 2026	52	10.87	97.98	3.7	33.75	7.7	25.8	0.23
I20	07 May 2026	53	10.83	97.92	3.7	33.76	7.7	25.8	0.22
I20	07 May 2026	54	10.78	97.77	3.6	33.77	7.7	25.9	0.19
I20	07 May 2026	55	10.78	97.80	3.6	33.77	7.7	25.9	0.19
I21	07 May 2026	1	16.66	77.60	10.3	33.40	8.3	24.4	2.37
I21	07 May 2026	2	16.65	77.13	10.3	33.39	8.3	24.4	2.51
I21	07 May 2026	3	16.63	76.06	10.2	33.38	8.3	24.4	2.74
I21	07 May 2026	4	16.59	75.89	10.2	33.39	8.3	24.4	3.11
I21	07 May 2026	5	16.57	76.02	10.2	33.39	8.3	24.4	4.07
I21	07 May 2026	6	16.50	75.34	10.2	33.39	8.3	24.4	3.85
I21	07 May 2026	7	16.41	77.31	10.3	33.39	8.3	24.4	3.46
I21	07 May 2026	8	16.35	78.03	10.2	33.40	8.3	24.4	3.33
I21	07 May 2026	9	16.12	79.44	9.9	33.41	8.3	24.5	3.28
I21	07 May 2026	10	15.82	81.09	9.5	33.43	8.2	24.6	3.06
I21	07 May 2026	11	14.79	84.07	8.8	33.56	8.2	24.9	2.84
I21	07 May 2026	12	12.71	85.07	7.6	33.59	8.0	25.4	3.89
I21	07 May 2026	13	12.30	84.92	6.5	33.52	7.9	25.4	4.72
I21	07 May 2026	14	12.05	87.69	5.9	33.52	7.9	25.4	3.46
I21	07 May 2026	15	12.01	91.49	5.6	33.52	7.9	25.4	1.88
I21	07 May 2026	16	11.99	93.04	5.4	33.51	7.8	25.4	1.82
I21	07 May 2026	17	11.97	93.85	5.2	33.53	7.8	25.5	1.97
I21	07 May 2026	18	11.87	93.86	5.0	33.55	7.8	25.5	2.28
I21	07 May 2026	19	11.81	94.23	4.8	33.55	7.8	25.5	1.61

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I21	07 May 2026	20	11.78	94.88	4.7	33.57	7.8	25.5	1.24
I21	07 May 2026	21	11.76	94.85	4.6	33.57	7.8	25.5	1.21
I21	07 May 2026	22	11.71	95.20	4.5	33.58	7.8	25.5	0.99
I21	07 May 2026	23	11.70	95.31	4.4	33.60	7.8	25.6	0.97
I21	07 May 2026	24	11.69	95.30	4.4	33.60	7.8	25.6	1.01
I21	07 May 2026	25	11.68	95.24	4.3	33.59	7.8	25.6	1.11
I21	07 May 2026	26	11.68	95.28	4.3	33.60	7.8	25.6	1.06
I21	07 May 2026	27	11.67	95.28	4.3	33.60	7.8	25.6	1.04
I21	07 May 2026	28	11.65	95.25	4.3	33.61	7.8	25.6	1.03
I21	07 May 2026	29	11.56	95.24	4.2	33.64	7.8	25.6	0.94
I21	07 May 2026	30	11.50	95.37	4.1	33.64	7.8	25.6	0.82
I21	07 May 2026	31	11.48	95.55	4.1	33.65	7.8	25.6	0.88
I21	07 May 2026	32	11.43	95.78	4.2	33.65	7.8	25.6	0.83
I21	07 May 2026	33	11.41	96.12	4.1	33.65	7.8	25.7	0.76
I21	07 May 2026	34	11.42	96.11	3.9	33.66	7.7	25.7	0.68
I21	07 May 2026	35	11.33	96.08	3.9	33.68	7.7	25.7	0.61
I21	07 May 2026	36	11.24	96.06	3.8	33.70	7.7	25.7	0.58
I21	07 May 2026	37	11.27	96.17	3.8	33.69	7.7	25.7	0.53
I21	07 May 2026	38	11.18	96.29	3.7	33.72	7.7	25.7	0.48
I21	07 May 2026	39	11.12	96.33	3.6	33.73	7.7	25.8	0.39
I21	07 May 2026	40	11.10	96.44	3.6	33.73	7.7	25.8	0.37
I21	07 May 2026	41	11.10	96.44	3.6	33.73	7.7	25.8	0.33
I27	07 May 2026	1	16.75	79.68	10.5	33.40	8.3	24.3	3.20
I27	07 May 2026	2	16.80	79.75	10.4	33.40	8.3	24.3	3.04
I27	07 May 2026	3	16.53	78.62	10.4	33.42	8.3	24.4	3.87
I27	07 May 2026	4	16.32	76.92	10.4	33.41	8.3	24.5	6.38
I27	07 May 2026	5	15.74	74.34	10.1	33.42	8.3	24.6	8.66
I27	07 May 2026	6	14.75	71.31	9.6	33.46	8.2	24.8	9.59
I27	07 May 2026	7	14.16	71.30	8.9	33.44	8.1	24.9	10.04
I27	07 May 2026	8	13.25	72.85	8.1	33.44	8.1	25.1	8.79
I27	07 May 2026	9	12.88	75.60	7.2	33.44	8.0	25.2	7.21
I27	07 May 2026	10	12.70	78.06	6.4	33.42	7.9	25.2	6.48
I27	07 May 2026	11	12.62	80.59	5.9	33.41	7.9	25.2	5.55
I27	07 May 2026	12	12.60	82.38	5.7	33.41	7.8	25.2	4.91
I27	07 May 2026	13	12.61	83.62	5.5	33.42	7.8	25.2	4.29
I27	07 May 2026	14	12.60	84.49	5.4	33.45	7.8	25.3	3.78
I27	07 May 2026	15	12.55	85.53	5.2	33.45	7.8	25.3	3.43
I27	07 May 2026	16	12.50	86.88	5.0	33.47	7.8	25.3	3.13
I27	07 May 2026	17	12.46	87.39	4.9	33.47	7.8	25.3	2.99
I27	07 May 2026	18	12.42	88.32	4.8	33.47	7.8	25.3	2.65
I27	07 May 2026	19	12.40	89.58	4.7	33.47	7.8	25.3	2.12
I27	07 May 2026	20	12.39	89.41	4.7	33.48	7.8	25.3	1.85
I27	07 May 2026	21	12.36	90.21	4.5	33.49	7.8	25.3	1.65
I27	07 May 2026	22	12.33	91.03	4.3	33.50	7.7	25.4	1.36
I27	07 May 2026	23	12.29	91.53	4.2	33.50	7.7	25.4	1.22
I27	07 May 2026	24	12.24	91.81	4.1	33.51	7.7	25.4	1.07
I27	07 May 2026	25	12.22	92.37	4.1	33.52	7.7	25.4	0.95
I27	07 May 2026	26	12.10	92.38	4.1	33.54	7.7	25.4	0.91
I27	07 May 2026	27	12.07	92.81	4.1	33.54	7.7	25.4	0.85
I27	07 May 2026	28	12.07	93.08	4.0	33.54	7.7	25.4	0.86
I28	08 May 2026	1	17.11	83.37	9.9	33.36	8.3	24.2	2.13
I28	08 May 2026	2	17.11	83.54	10.3	33.38	8.3	24.2	2.22
I28	08 May 2026	3	16.70	83.16	10.3	33.48	8.3	24.4	2.23
I28	08 May 2026	4	16.42	84.38	10.3	33.42	8.3	24.4	2.19
I28	08 May 2026	5	16.09	85.30	10.1	33.45	8.3	24.5	2.32
I28	08 May 2026	6	14.83	85.66	9.7	33.66	8.2	25.0	2.97
I28	08 May 2026	7	13.87	82.57	9.0	33.56	8.1	25.1	6.22
I28	08 May 2026	8	12.32	77.22	7.8	33.63	8.0	25.5	7.05
I28	08 May 2026	9	11.94	83.83	6.5	33.57	7.9	25.5	4.26

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I28	08 May 2026	10	11.92	90.09	5.7	33.55	7.9	25.5	2.54
I28	08 May 2026	11	11.89	93.09	5.3	33.54	7.8	25.5	2.09
I28	08 May 2026	12	11.87	94.05	5.1	33.55	7.8	25.5	1.72
I28	08 May 2026	13	11.75	94.81	4.8	33.58	7.8	25.5	1.42
I28	08 May 2026	14	11.74	95.36	4.8	33.58	7.8	25.5	1.21
I28	08 May 2026	15	11.72	95.43	4.7	33.57	7.8	25.5	1.15
I28	08 May 2026	16	11.71	95.23	4.7	33.56	7.8	25.5	1.24
I28	08 May 2026	17	11.71	95.51	4.7	33.57	7.8	25.5	1.18
I28	08 May 2026	18	11.72	95.47	4.7	33.56	7.8	25.5	1.19
I28	08 May 2026	19	11.70	95.49	4.7	33.56	7.8	25.5	1.16
I28	08 May 2026	20	11.70	95.39	4.6	33.57	7.8	25.5	1.15
I28	08 May 2026	21	11.69	95.30	4.6	33.57	7.8	25.5	1.23
I28	08 May 2026	22	11.65	95.56	4.5	33.58	7.8	25.6	1.08
I28	08 May 2026	23	11.65	95.55	4.4	33.58	7.8	25.6	1.04
I28	08 May 2026	24	11.65	95.60	4.4	33.58	7.8	25.6	1.09
I28	08 May 2026	25	11.65	95.59	4.4	33.58	7.8	25.6	1.08
I28	08 May 2026	26	11.65	95.72	4.3	33.59	7.8	25.6	0.99
I28	08 May 2026	27	11.64	95.96	4.2	33.61	7.8	25.6	0.88
I28	08 May 2026	28	11.62	95.89	4.1	33.62	7.8	25.6	0.71
I28	08 May 2026	29	11.60	95.97	4.0	33.63	7.8	25.6	0.75
I28	08 May 2026	30	11.59	95.95	4.0	33.63	7.8	25.6	0.75
I28	08 May 2026	31	11.57	95.93	3.9	33.63	7.8	25.6	0.77
I28	08 May 2026	32	11.57	95.82	4.0	33.63	7.8	25.6	0.73
I28	08 May 2026	33	11.56	95.87	3.9	33.63	7.7	25.6	0.73
I28	08 May 2026	34	11.56	95.87	3.9	33.63	7.7	25.6	0.73
I28	08 May 2026	35	11.55	95.88	4.0	33.64	7.7	25.6	0.74
I28	08 May 2026	36	11.53	95.97	3.9	33.64	7.7	25.6	0.70
I28	08 May 2026	37	11.46	95.74	3.8	33.66	7.7	25.6	0.67
I28	08 May 2026	38	11.39	95.31	3.7	33.67	7.7	25.7	0.65
I28	08 May 2026	39	11.32	95.75	3.6	33.69	7.7	25.7	0.49
I28	08 May 2026	40	11.22	95.77	3.5	33.71	7.7	25.7	0.44
I28	08 May 2026	41	11.17	95.79	3.5	33.71	7.7	25.7	0.40
I28	08 May 2026	42	11.14	96.37	3.5	33.72	7.7	25.8	0.38
I28	08 May 2026	43	11.11	96.59	3.5	33.72	7.7	25.8	0.36
I28	08 May 2026	44	11.08	96.43	3.5	33.72	7.7	25.8	0.39
I28	08 May 2026	45	11.07	96.64	3.5	33.73	7.7	25.8	0.39
I28	08 May 2026	46	11.07	96.64	3.5	33.73	7.7	25.8	0.35
I28	08 May 2026	47	11.08	96.65	3.4	33.73	7.7	25.8	0.34
I28	08 May 2026	48	11.07	96.74	3.4	33.73	7.7	25.8	0.34
I28	08 May 2026	49	11.06	96.65	3.4	33.74	7.7	25.8	0.30
I28	08 May 2026	50	11.04	96.64	3.4	33.74	7.7	25.8	0.28
I28	08 May 2026	51	11.03	96.78	3.4	33.74	7.7	25.8	0.28
I28	08 May 2026	52	10.98	96.95	3.4	33.75	7.7	25.8	0.32
I28	08 May 2026	53	10.95	96.44	3.3	33.77	7.7	25.8	0.27
I28	08 May 2026	54	10.89	94.89	3.2	33.78	7.7	25.8	0.25
I28	08 May 2026	55	10.82	93.62	3.2	33.79	7.7	25.9	0.22
I29	08 May 2026	1	17.32	84.85	10.7	33.43	8.3	24.2	1.89
I29	08 May 2026	2	17.32	83.93	10.6	33.43	8.3	24.2	1.95
I29	08 May 2026	3	17.29	82.66	10.6	33.43	8.3	24.2	1.95
I29	08 May 2026	4	17.19	83.64	10.7	33.44	8.3	24.3	2.43
I29	08 May 2026	5	16.22	83.36	10.5	33.47	8.3	24.5	3.70
I29	08 May 2026	6	15.65	81.26	10.3	33.44	8.3	24.6	5.67
I29	08 May 2026	7	15.21	79.00	9.6	33.45	8.2	24.7	7.48
I29	08 May 2026	8	13.25	75.67	8.1	33.48	8.1	25.2	9.03
I29	08 May 2026	9	13.43	77.00	6.9	33.41	8.0	25.1	8.87
I29	08 May 2026	10	12.63	79.39	6.1	33.47	7.9	25.3	8.79
I29	08 May 2026	11	12.57	81.71	5.5	33.46	7.9	25.3	6.48
I29	08 May 2026	12	12.52	84.95	5.2	33.48	7.8	25.3	4.29
I29	08 May 2026	13	12.43	90.39	4.8	33.50	7.8	25.3	2.92
I29	08 May 2026	14	12.30	93.03	4.7	33.51	7.8	25.4	1.89

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I29	08 May 2026	15	12.26	93.17	4.6	33.50	7.8	25.4	1.28
I29	08 May 2026	16	12.27	93.02	4.5	33.51	7.8	25.4	1.10
I29	08 May 2026	17	12.27	93.25	4.4	33.51	7.8	25.4	1.06
I29	08 May 2026	18	12.28	93.48	4.3	33.51	7.8	25.4	1.05
I29	08 May 2026	19	12.27	93.47	4.1	33.51	7.8	25.4	0.96
I29	08 May 2026	20	12.27	93.33	4.1	33.51	7.8	25.4	0.93
I29	08 May 2026	21	12.27	93.32	4.1	33.52	7.7	25.4	0.93
I29	08 May 2026	22	12.25	93.26	4.1	33.52	7.7	25.4	0.89
I29	08 May 2026	23	12.22	93.13	4.2	33.52	7.8	25.4	0.88
I29	08 May 2026	24	12.19	93.36	4.2	33.52	7.8	25.4	0.90
I29	08 May 2026	25	12.14	93.38	4.1	33.53	7.8	25.4	0.91
I29	08 May 2026	26	12.14	93.75	4.1	33.53	7.8	25.4	0.85
I29	08 May 2026	27	12.12	94.06	4.1	33.53	7.8	25.4	0.88
I29	08 May 2026	28	12.12	93.93	4.0	33.53	7.8	25.4	0.73
I29	08 May 2026	29	12.11	93.85	4.0	33.53	7.8	25.4	0.67
I29	08 May 2026	30	12.03	93.82	3.9	33.55	7.7	25.5	0.64
I29	08 May 2026	31	12.02	93.32	3.9	33.55	7.7	25.5	0.70
I29	08 May 2026	32	11.90	93.43	3.8	33.58	7.7	25.5	0.63
I29	08 May 2026	33	11.82	93.06	3.7	33.59	7.7	25.5	0.55
I29	08 May 2026	34	11.66	92.79	3.7	33.62	7.7	25.6	0.54
I29	08 May 2026	35	11.54	93.11	3.6	33.65	7.7	25.6	0.52
I29	08 May 2026	36	11.49	93.21	3.5	33.66	7.7	25.6	0.51
I29	08 May 2026	37	11.32	92.17	3.4	33.71	7.7	25.7	0.45
I30	08 May 2026	1	17.27	80.03	11.1	33.43	8.4	24.2	2.81
I30	08 May 2026	2	17.25	79.68	11.1	33.43	8.4	24.3	2.86
I30	08 May 2026	3	17.15	79.38	11.1	33.44	8.4	24.3	3.77
I30	08 May 2026	4	16.85	78.01	11.0	33.46	8.4	24.4	5.47
I30	08 May 2026	5	16.41	75.08	10.7	33.46	8.3	24.5	8.10
I30	08 May 2026	6	15.51	71.99	10.0	33.47	8.3	24.7	10.52
I30	08 May 2026	7	15.26	69.56	9.5	33.45	8.2	24.7	10.14
I30	08 May 2026	8	14.84	69.39	9.1	33.45	8.2	24.8	9.60
I30	08 May 2026	9	14.51	70.12	8.6	33.45	8.2	24.9	8.58
I30	08 May 2026	10	14.23	71.87	8.0	33.45	8.1	24.9	7.11
I30	08 May 2026	11	14.06	74.00	7.5	33.45	8.1	25.0	6.68
I30	08 May 2026	12	13.57	75.29	7.0	33.48	8.0	25.1	6.43
I30	08 May 2026	13	12.90	75.93	6.3	33.50	8.0	25.3	6.34
I30	08 May 2026	14	12.55	77.49	5.5	33.48	7.9	25.3	6.49
I30	08 May 2026	15	12.52	81.26	5.0	33.48	7.8	25.3	6.56
I30	08 May 2026	16	12.59	82.59	4.9	33.46	7.8	25.3	7.59
I30	08 May 2026	17	12.47	81.41	4.8	33.46	7.8	25.3	6.89
I30	08 May 2026	18	12.46	83.74	4.8	33.47	7.8	25.3	5.84
I30	08 May 2026	19	12.42	84.63	4.7	33.47	7.8	25.3	5.74
I30	08 May 2026	20	12.40	86.18	4.8	33.47	7.8	25.3	4.39
I30	08 May 2026	21	12.38	88.66	4.8	33.47	7.8	25.3	3.37
I30	08 May 2026	22	12.37	89.47	4.8	33.47	7.8	25.3	2.62
I30	08 May 2026	23	12.37	89.94	4.7	33.48	7.8	25.3	2.20
I30	08 May 2026	24	12.36	90.92	4.4	33.50	7.8	25.4	1.62
I30	08 May 2026	25	12.33	91.97	4.0	33.51	7.7	25.4	0.96
I30	08 May 2026	26	12.33	91.75	3.8	33.52	7.7	25.4	0.75
I30	08 May 2026	27	12.31	91.51	3.7	33.52	7.7	25.4	0.68
I30	08 May 2026	28	12.28	91.32	3.6	33.53	7.7	25.4	0.67
I31	08 May 2026	1	17.09	76.02	10.1	33.42	8.3	24.3	4.55
I31	08 May 2026	2	17.09	76.20	9.9	33.44	8.3	24.3	4.41
I31	08 May 2026	3	15.12	76.00	9.0	33.59	8.2	24.9	5.56
I31	08 May 2026	4	13.52	72.35	6.9	33.52	8.0	25.1	9.99
I31	08 May 2026	5	13.33	67.42	5.6	33.47	7.9	25.1	6.38
I31	08 May 2026	6	13.25	70.96	5.3	33.44	7.8	25.1	5.23
I31	08 May 2026	7	13.23	75.16	5.1	33.45	7.8	25.1	4.58
I31	08 May 2026	8	13.21	75.79	5.1	33.44	7.8	25.1	4.51

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I31	08 May 2026	9	13.15	76.66	5.0	33.44	7.8	25.2	4.45
I31	08 May 2026	10	13.07	77.23	4.9	33.45	7.8	25.2	4.60
I31	08 May 2026	11	13.02	77.71	4.8	33.45	7.8	25.2	4.60
I31	08 May 2026	12	12.96	78.13	4.7	33.45	7.8	25.2	5.36
I31	08 May 2026	13	12.96	78.79	4.8	33.45	7.8	25.2	7.00
I31	08 May 2026	14	12.93	78.55	4.7	33.45	7.8	25.2	7.03
I31	08 May 2026	15	12.85	78.82	4.3	33.46	7.8	25.2	7.42
I31	08 May 2026	16	12.82	78.91	3.9	33.47	7.7	25.2	7.24
I31	08 May 2026	17	12.80	79.20	3.7	33.47	7.7	25.3	6.32
I31	08 May 2026	18	12.71	81.18	3.7	33.48	7.7	25.3	5.18
I31	08 May 2026	19	12.61	81.43	3.7	33.49	7.7	25.3	5.07
I33	08 May 2026	1	17.02	85.05	10.6	33.43	8.3	24.3	1.92
I33	08 May 2026	2	16.98	85.30	10.6	33.43	8.3	24.3	1.94
I33	08 May 2026	3	16.95	85.16	10.5	33.44	8.3	24.3	2.00
I33	08 May 2026	4	16.79	85.21	10.1	33.45	8.3	24.4	1.96
I33	08 May 2026	5	16.61	85.01	9.8	33.46	8.2	24.4	1.93
I33	08 May 2026	6	15.63	83.86	10.2	33.47	8.3	24.7	3.01
I33	08 May 2026	7	15.34	81.60	10.1	33.43	8.2	24.7	4.47
I33	08 May 2026	8	14.98	80.89	9.7	33.43	8.2	24.8	4.32
I33	08 May 2026	9	14.57	81.32	9.3	33.43	8.2	24.9	4.07
I33	08 May 2026	10	14.10	81.31	8.8	33.43	8.2	25.0	4.29
I33	08 May 2026	11	13.51	80.97	8.3	33.44	8.1	25.1	4.32
I33	08 May 2026	12	13.33	80.85	7.8	33.42	8.0	25.1	5.00
I33	08 May 2026	13	12.99	80.58	7.2	33.43	8.0	25.2	4.96
I33	08 May 2026	14	12.69	80.67	6.6	33.44	8.0	25.2	4.76
I33	08 May 2026	15	12.56	82.17	6.2	33.46	7.9	25.3	4.52
I33	08 May 2026	16	12.49	82.90	5.8	33.47	7.9	25.3	4.74
I33	08 May 2026	17	12.42	81.97	4.8	33.49	7.8	25.3	5.25
I33	08 May 2026	18	12.42	81.96	4.1	33.50	7.7	25.3	4.32
I33	08 May 2026	19	12.42	85.95	3.8	33.50	7.7	25.3	3.43
I33	08 May 2026	20	12.41	86.77	3.6	33.50	7.7	25.3	3.37
I33	08 May 2026	21	12.41	87.05	3.6	33.50	7.7	25.3	3.45
I33	08 May 2026	22	12.41	86.97	3.5	33.50	7.7	25.3	3.43
I33	08 May 2026	23	12.41	86.89	3.5	33.50	7.7	25.3	3.44
I33	08 May 2026	24	12.41	87.02	3.5	33.50	7.7	25.3	3.29
I33	08 May 2026	25	12.40	87.09	3.5	33.50	7.7	25.3	3.29
I33	08 May 2026	26	12.32	87.35	3.4	33.52	7.7	25.4	2.62
I33	08 May 2026	27	12.16	87.47	3.6	33.54	7.7	25.4	1.48
I33	08 May 2026	28	12.09	88.73	3.8	33.54	7.7	25.4	1.05
I33	08 May 2026	29	12.05	90.15	4.0	33.55	7.7	25.4	0.93
I33	08 May 2026	30	12.09	90.07	4.0	33.54	7.7	25.4	0.90
I34	08 May 2026	1	16.58	81.77	9.6	33.44	8.2	24.4	2.21
I34	08 May 2026	2	16.58	81.67	9.6	33.44	8.2	24.4	2.19
I34	08 May 2026	3	16.58	81.67	9.5	33.44	8.2	24.4	2.17
I34	08 May 2026	4	16.58	81.91	9.5	33.44	8.2	24.4	2.18
I34	08 May 2026	5	16.57	81.81	9.5	33.44	8.2	24.4	2.26
I34	08 May 2026	6	16.48	81.61	9.6	33.45	8.2	24.4	2.33
I34	08 May 2026	7	14.89	81.07	9.8	33.50	8.2	24.8	4.17
I34	08 May 2026	8	13.82	79.18	8.4	33.45	8.1	25.0	6.70
I34	08 May 2026	9	13.32	75.00	7.0	33.43	8.0	25.1	5.83
I34	08 May 2026	10	13.14	75.37	6.4	33.43	7.9	25.1	5.14
I34	08 May 2026	11	12.72	76.31	5.3	33.44	7.8	25.2	5.03
I34	08 May 2026	12	12.71	77.22	4.1	33.44	7.7	25.2	6.90
I34	08 May 2026	13	12.72	76.01	3.8	33.45	7.7	25.2	7.96
I34	08 May 2026	14	12.67	73.42	3.5	33.46	7.7	25.3	8.13
I34	08 May 2026	15	12.56	73.29	3.1	33.47	7.6	25.3	7.26
I34	08 May 2026	16	12.53	74.90	2.9	33.47	7.6	25.3	5.33
I34	08 May 2026	17	12.52	78.29	3.0	33.48	7.6	25.3	4.25
I34	08 May 2026	18	12.53	79.15	3.0	33.48	7.6	25.3	4.17

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I34	08 May 2026	19	12.49	82.06	3.0	33.49	7.6	25.3	3.53
I35	08 May 2026	1	17.02	84.14	10.6	33.43	8.3	24.3	1.31
I35	08 May 2026	2	17.00	84.10	10.6	33.43	8.3	24.3	1.36
I35	08 May 2026	3	16.95	83.92	10.6	33.44	8.3	24.3	1.56
I35	08 May 2026	4	16.80	83.90	10.8	33.44	8.3	24.4	1.78
I35	08 May 2026	5	15.36	83.59	11.0	33.52	8.3	24.8	4.19
I35	08 May 2026	6	14.24	76.04	9.1	33.47	8.1	25.0	12.39
I35	08 May 2026	7	13.40	73.81	7.2	33.47	8.0	25.1	11.22
I35	08 May 2026	8	13.02	69.99	5.9	33.43	7.9	25.2	7.95
I35	08 May 2026	9	12.98	73.17	5.1	33.45	7.8	25.2	5.94
I35	08 May 2026	10	12.93	76.83	4.2	33.47	7.8	25.2	5.11
I35	08 May 2026	11	12.84	77.33	3.7	33.48	7.7	25.2	4.77
I35	08 May 2026	12	12.76	79.59	3.4	33.48	7.7	25.3	4.47
I35	08 May 2026	13	12.71	80.34	3.4	33.48	7.7	25.3	4.25
I35	08 May 2026	14	12.65	80.91	3.5	33.48	7.7	25.3	4.72
I35	08 May 2026	15	12.62	81.24	3.6	33.48	7.7	25.3	4.51
I35	08 May 2026	16	12.61	82.16	3.5	33.49	7.7	25.3	4.53
I35	08 May 2026	17	12.58	82.95	3.3	33.49	7.7	25.3	4.79
I35	08 May 2026	18	12.57	82.77	3.0	33.49	7.6	25.3	5.13
I35	08 May 2026	19	12.56	80.68	2.8	33.49	7.6	25.3	6.15
I36	08 May 2026	1	17.20	79.40	10.4	33.42	8.3	24.3	2.01
I36	08 May 2026	2	17.19	74.92	10.4	33.43	8.3	24.3	1.97
I36	08 May 2026	3	17.14	72.73	10.3	33.43	8.3	24.3	2.11
I36	08 May 2026	4	17.12	75.81	10.2	33.43	8.3	24.3	2.98
I36	08 May 2026	5	17.00	77.03	9.6	33.43	8.3	24.3	3.82
I36	08 May 2026	6	15.42	74.92	8.9	33.50	8.2	24.7	4.80
I36	08 May 2026	7	14.40	69.72	7.9	33.52	8.1	25.0	6.85
I36	08 May 2026	8	14.06	64.86	6.9	33.50	8.0	25.0	7.28
I36	08 May 2026	9	13.58	63.96	5.9	33.48	7.9	25.1	6.92
I36	08 May 2026	10	13.41	66.03	5.1	33.50	7.8	25.1	5.41
I36	08 May 2026	11	13.22	67.82	4.6	33.50	7.7	25.2	5.33
I37	08 May 2026	1	16.06	69.46	9.5	33.44	8.2	24.5	9.69
I37	08 May 2026	2	16.08	70.12	9.5	33.44	8.2	24.5	9.77
I37	08 May 2026	3	16.07	70.32	9.4	33.45	8.2	24.5	8.71
I37	08 May 2026	4	15.88	70.76	9.3	33.46	8.2	24.6	9.30
I37	08 May 2026	5	15.50	70.06	9.0	33.47	8.2	24.7	12.41
I37	08 May 2026	6	14.03	66.95	8.4	33.54	8.1	25.1	9.41
I37	08 May 2026	7	13.48	65.39	6.6	33.47	7.9	25.1	9.35
I37	08 May 2026	8	13.22	66.69	5.1	33.47	7.8	25.2	7.65
I37	08 May 2026	9	13.05	68.23	4.4	33.47	7.7	25.2	8.43
I37	08 May 2026	10	12.80	68.40	3.7	33.48	7.7	25.2	8.44
I37	08 May 2026	11	12.67	70.42	3.4	33.47	7.6	25.3	7.28
I37	08 May 2026	12	12.61	73.06	3.2	33.47	7.6	25.3	5.78
I38	08 May 2026	1	16.96	82.52	11.0	33.42	8.3	24.3	1.76
I38	08 May 2026	2	16.93	82.61	11.1	33.42	8.3	24.3	1.82
I38	08 May 2026	3	16.86	82.26	11.0	33.42	8.3	24.3	2.46
I38	08 May 2026	4	16.58	80.26	10.9	33.45	8.3	24.4	3.29
I38	08 May 2026	5	15.29	77.04	10.4	33.54	8.3	24.8	5.72
I38	08 May 2026	6	14.15	70.47	8.7	33.52	8.2	25.0	21.08
I38	08 May 2026	7	13.58	53.38	6.8	33.49	8.0	25.1	22.48
I38	08 May 2026	8	13.34	52.32	5.4	33.47	7.8	25.1	13.31
I38	08 May 2026	9	13.27	58.30	4.7	33.47	7.8	25.1	8.32
I38	08 May 2026	10	13.17	63.16	4.0	33.47	7.7	25.2	6.85
I38	08 May 2026	11	13.09	68.28	3.3	33.47	7.7	25.2	5.07

NA = not available

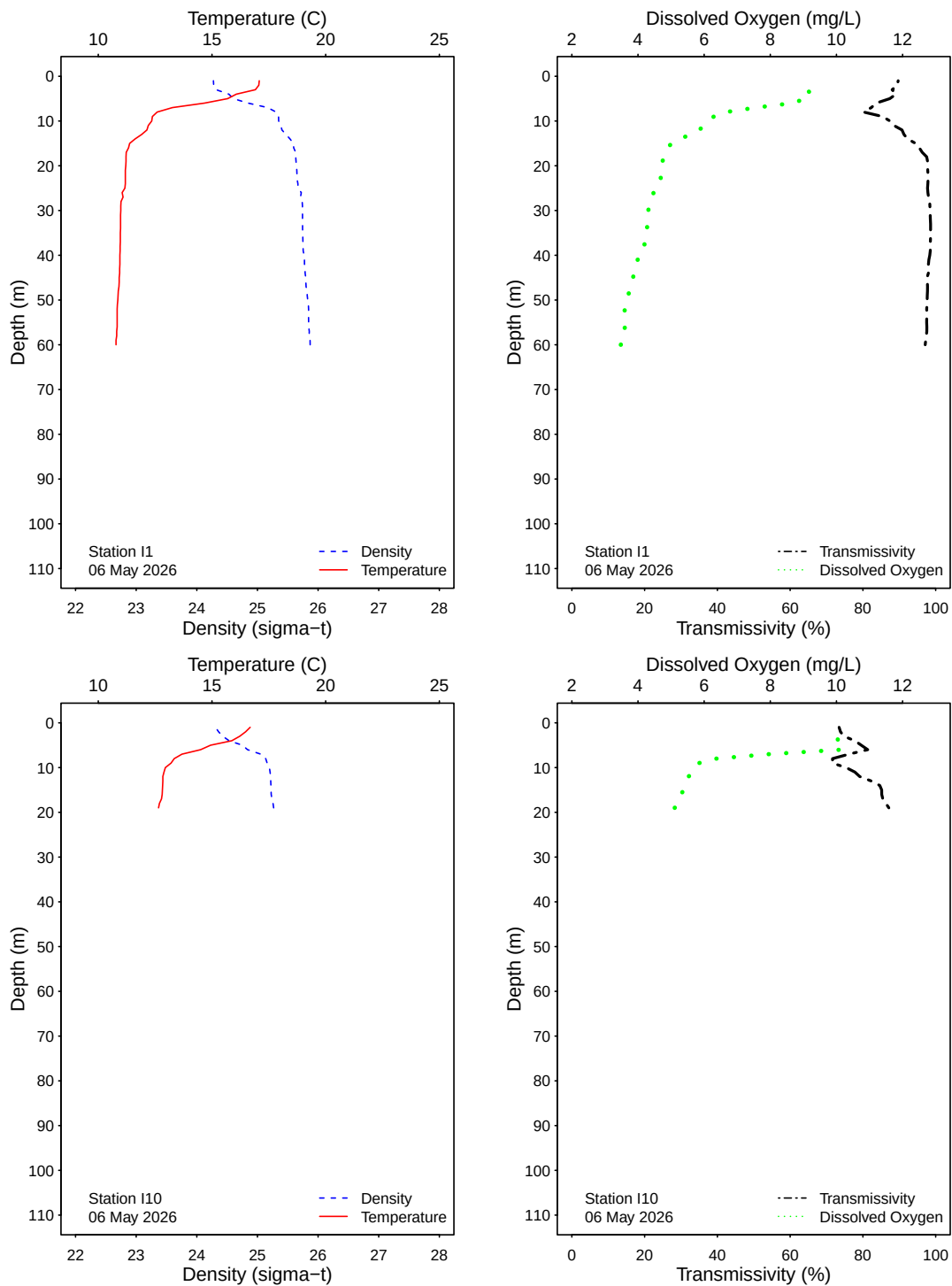


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

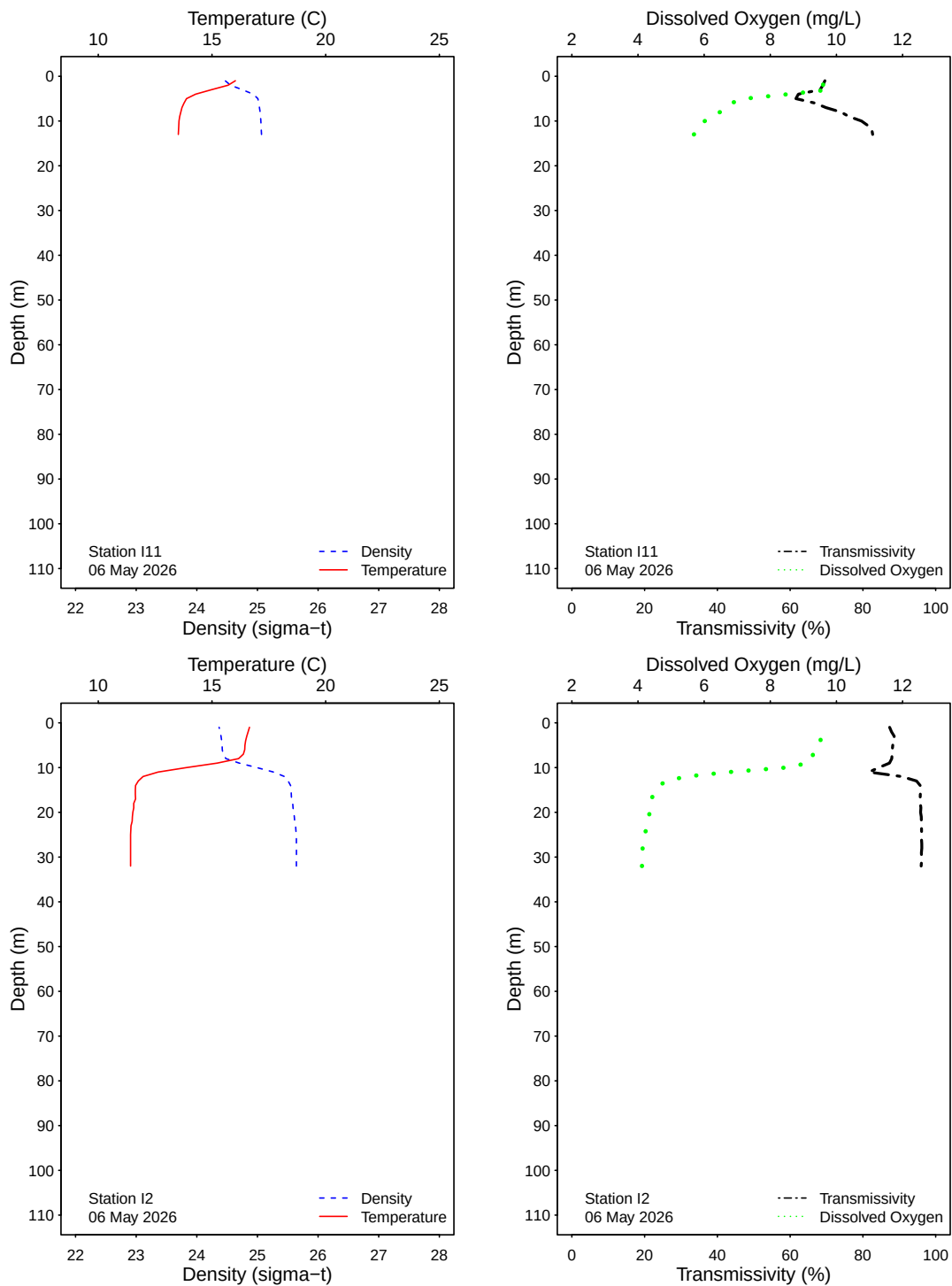


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

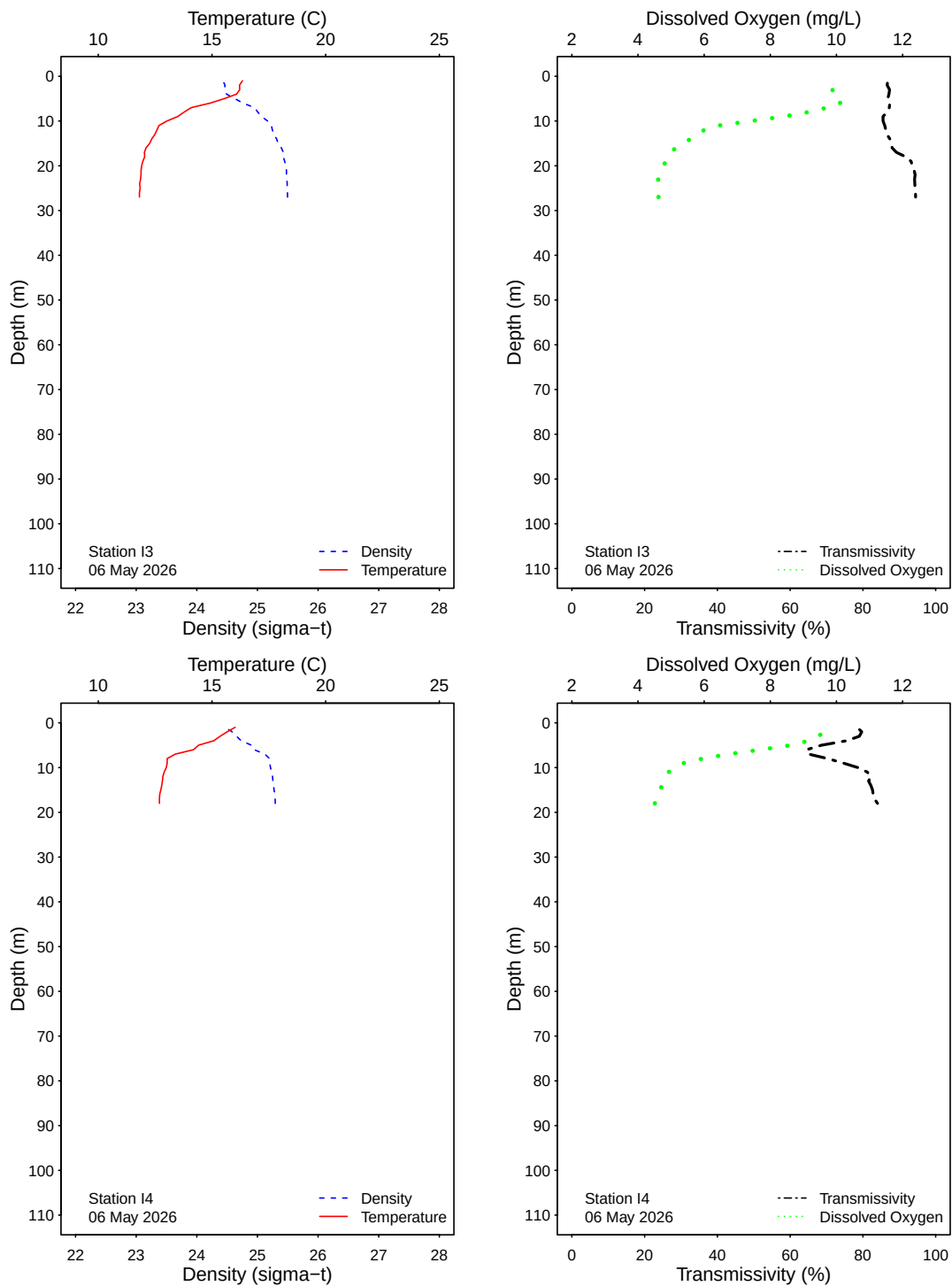


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

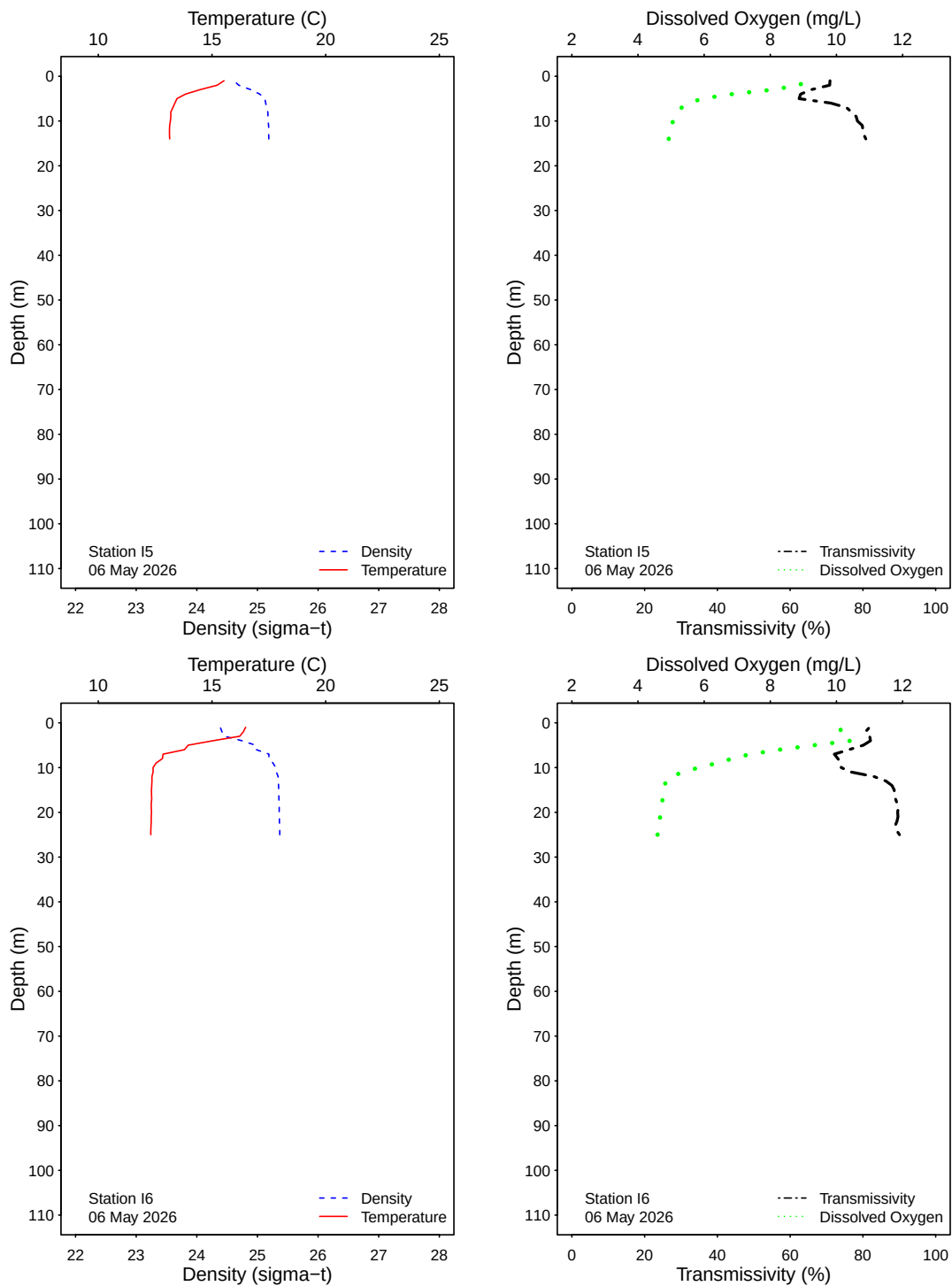


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

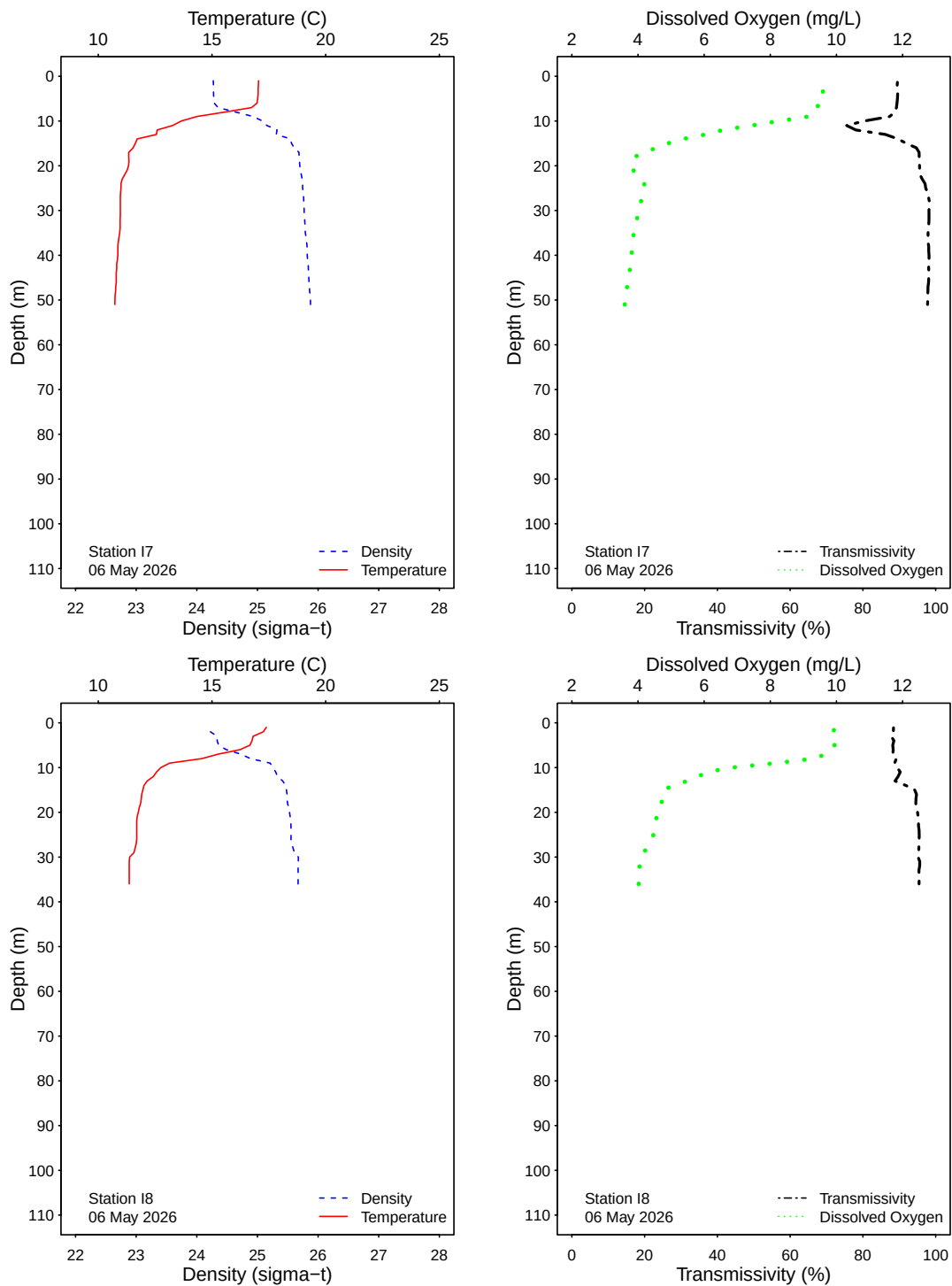


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

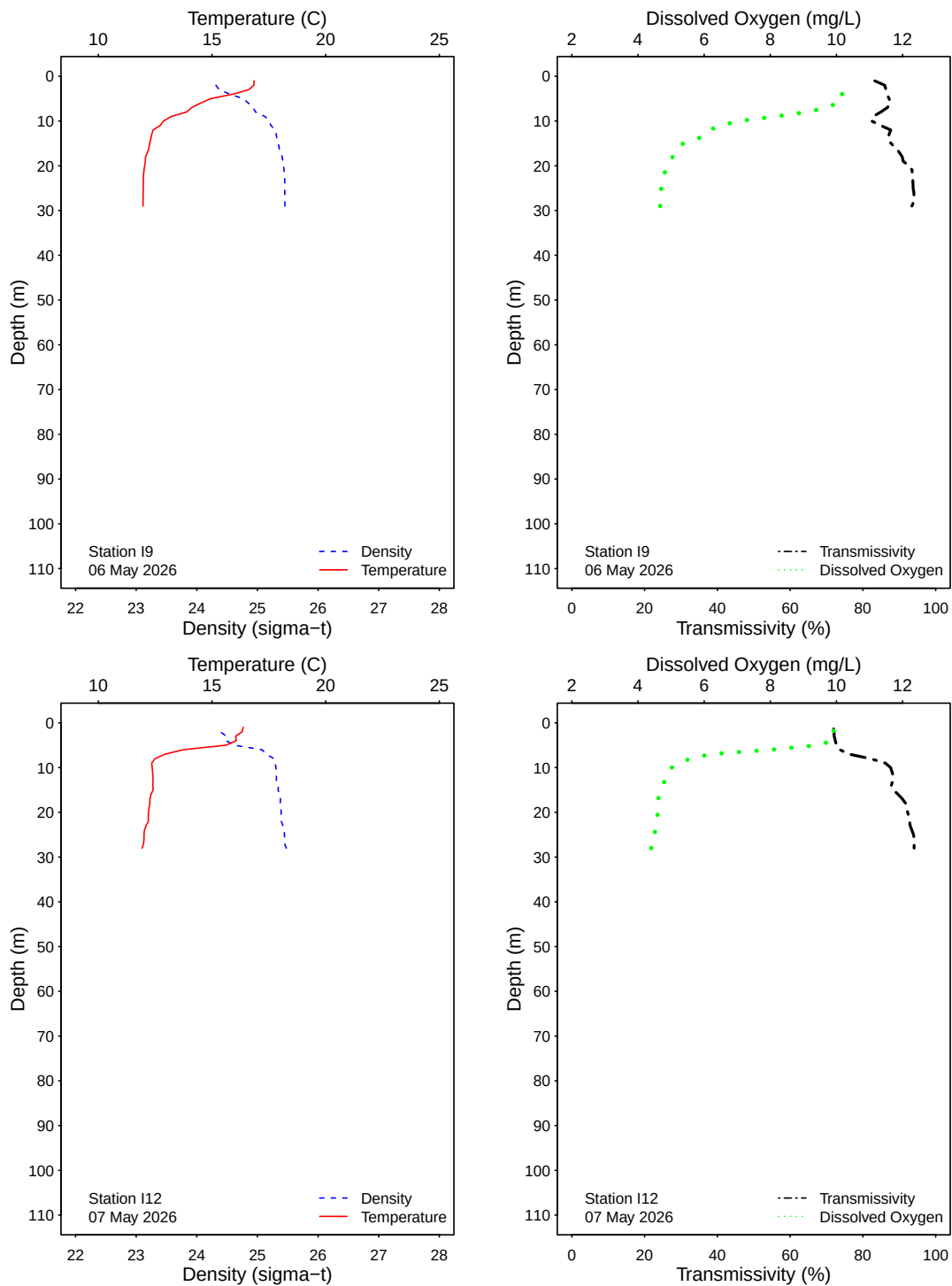


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

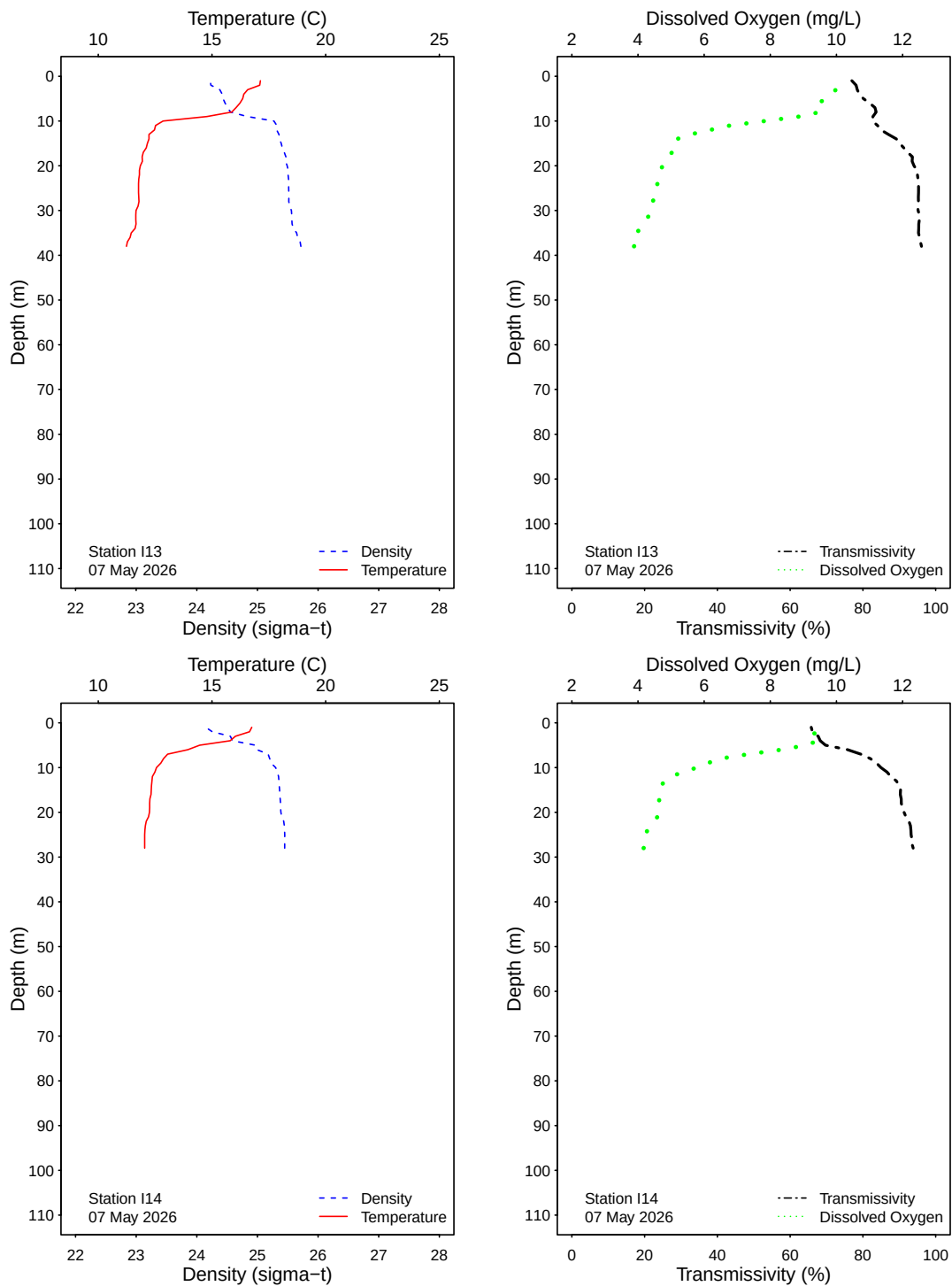


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

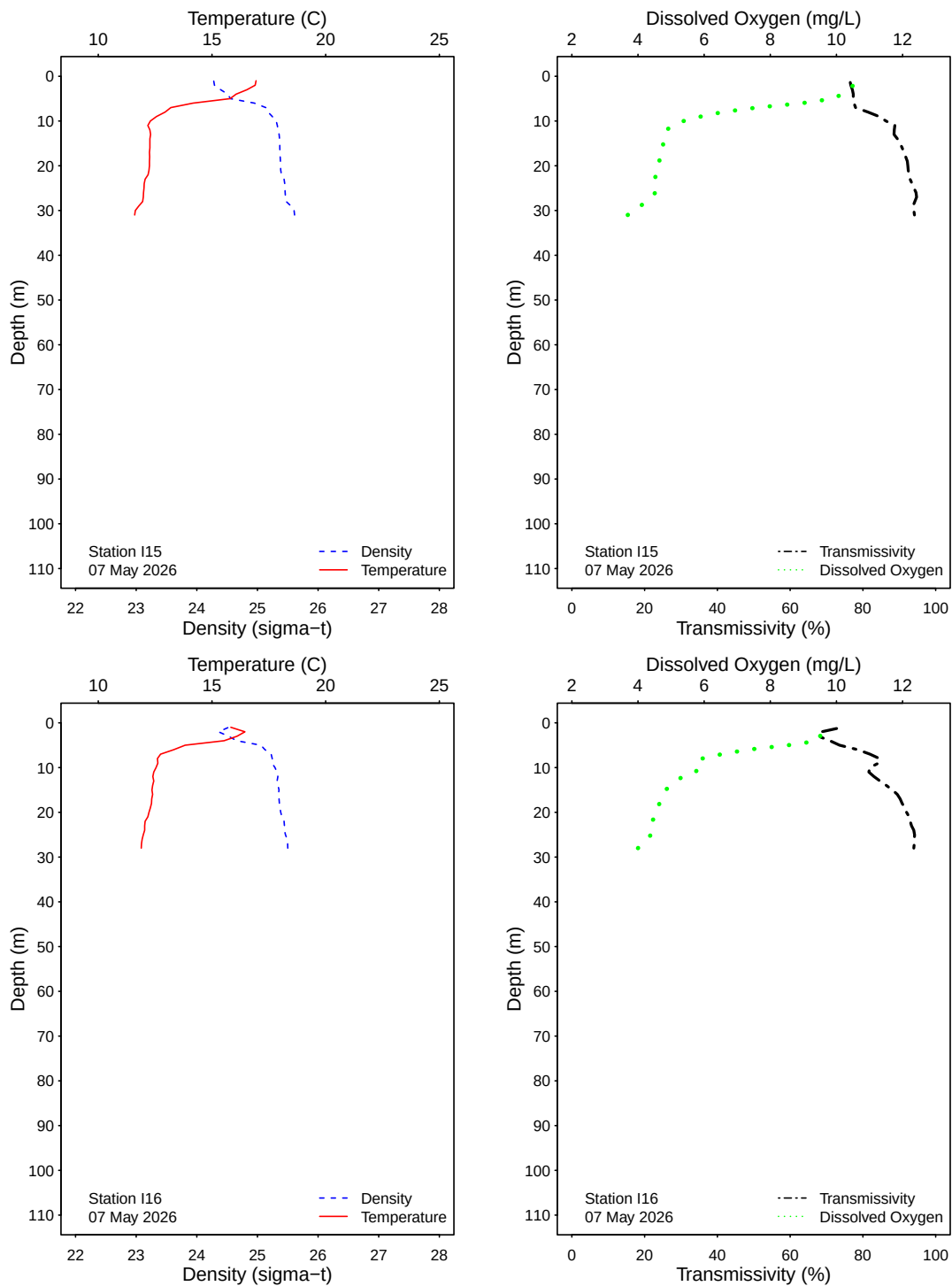


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

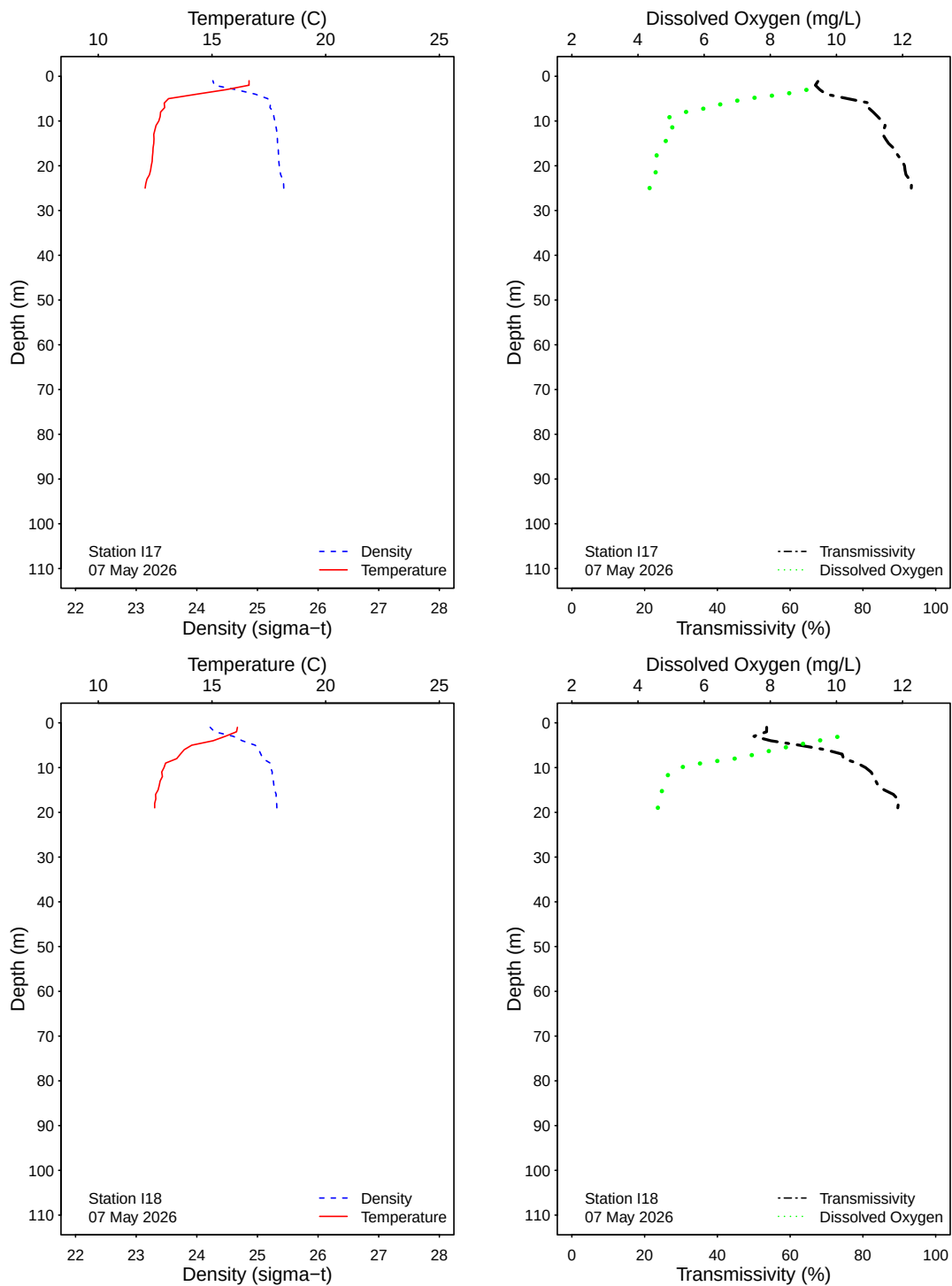


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

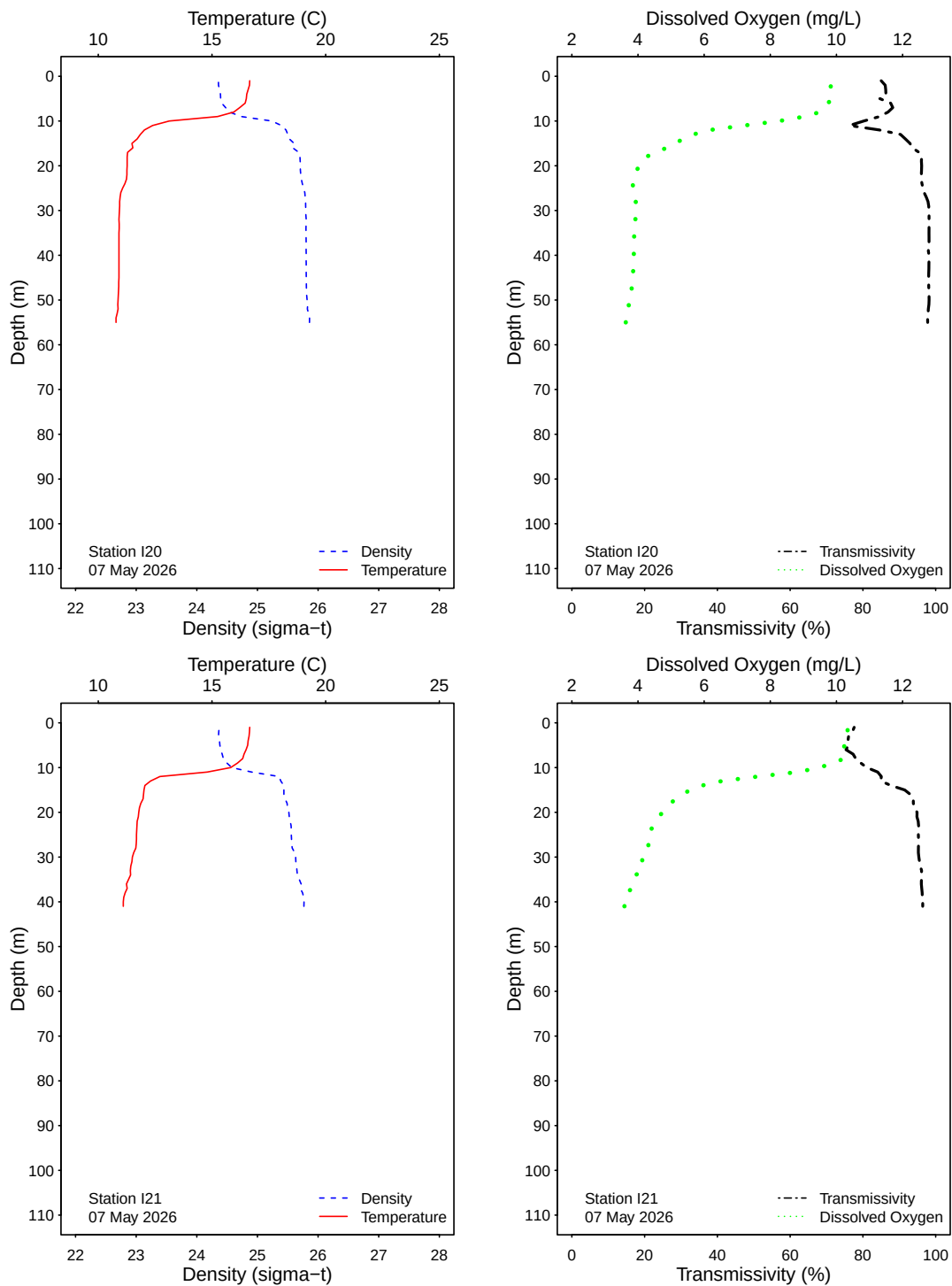


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

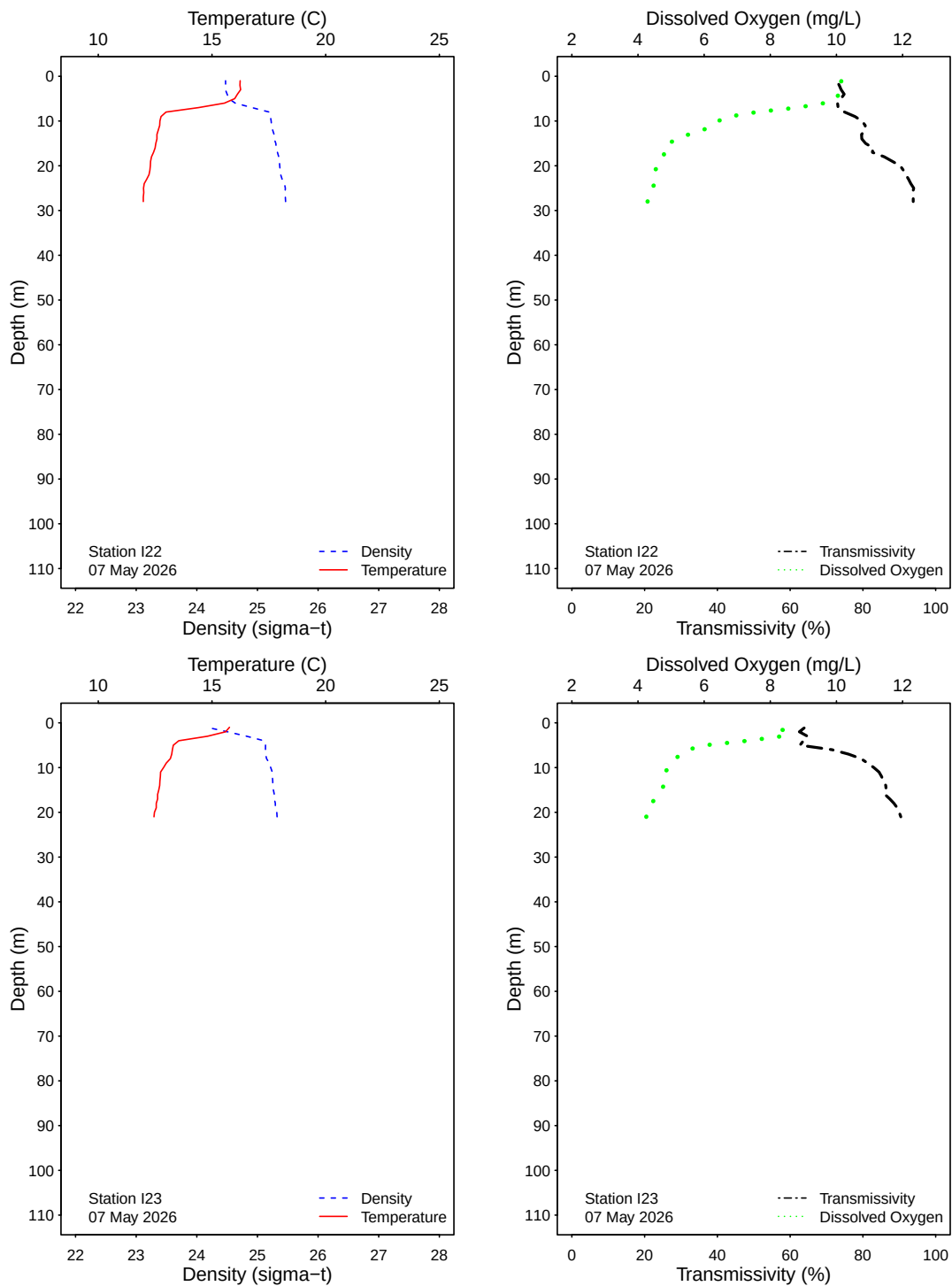


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

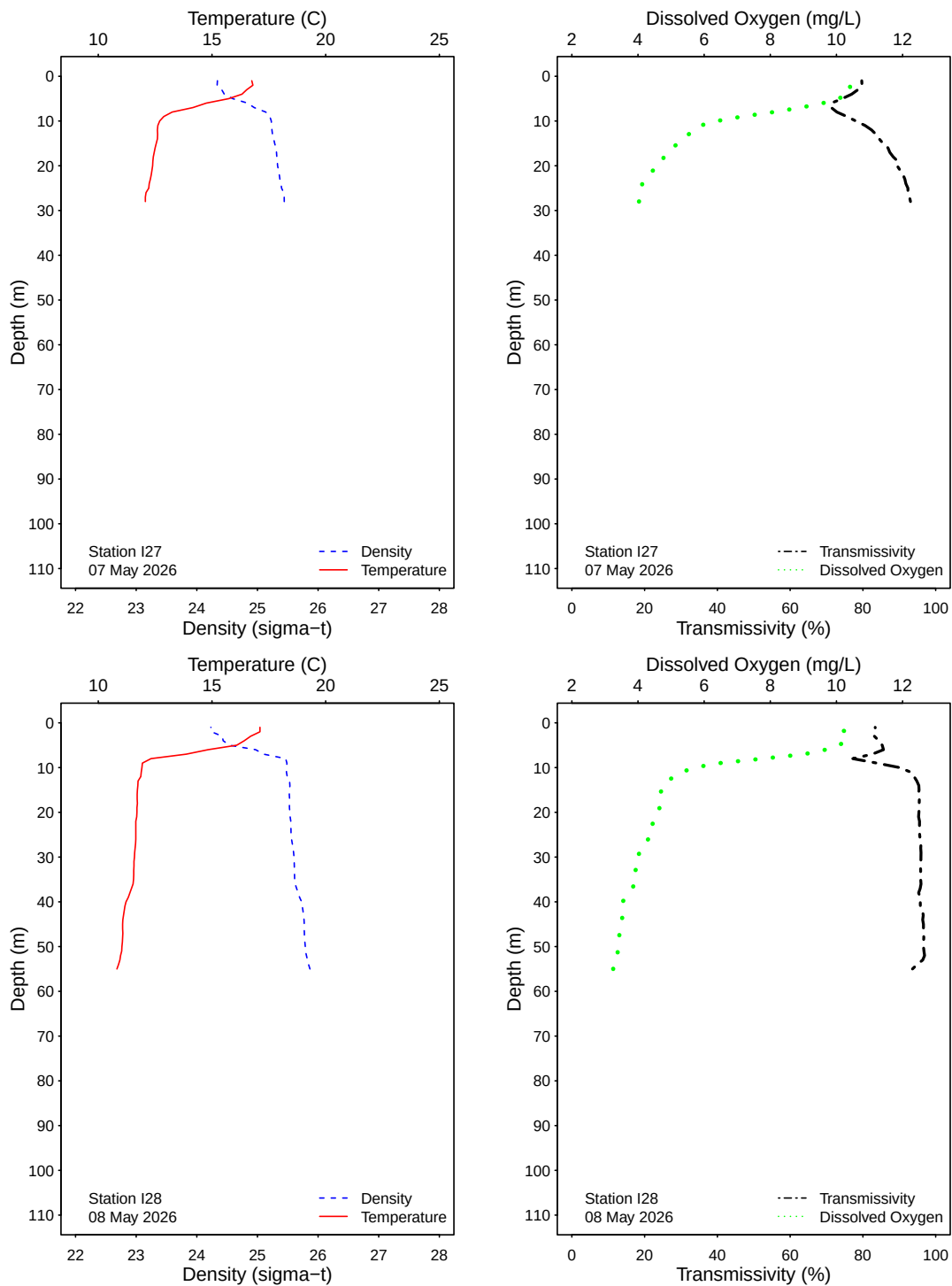


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

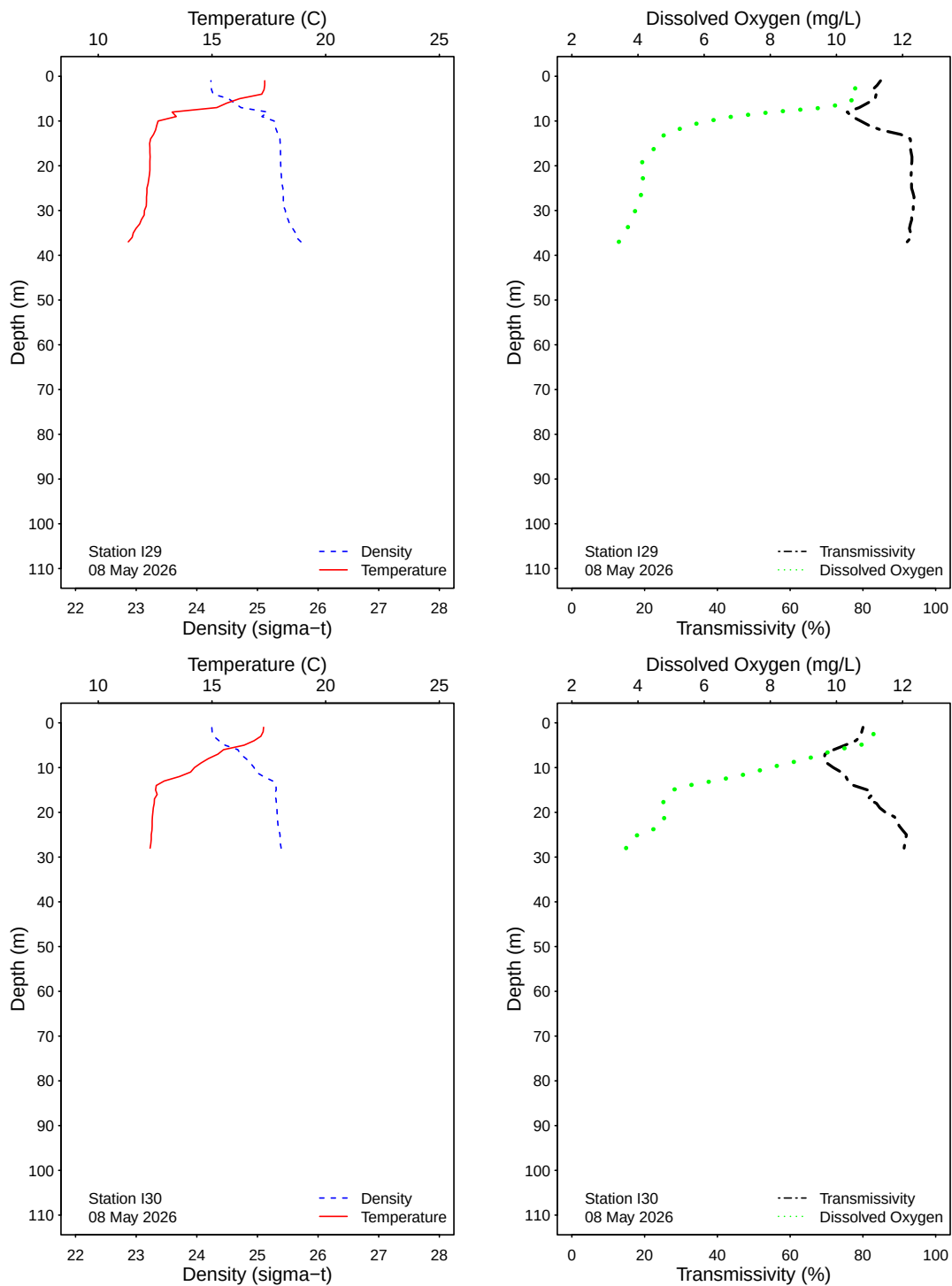


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

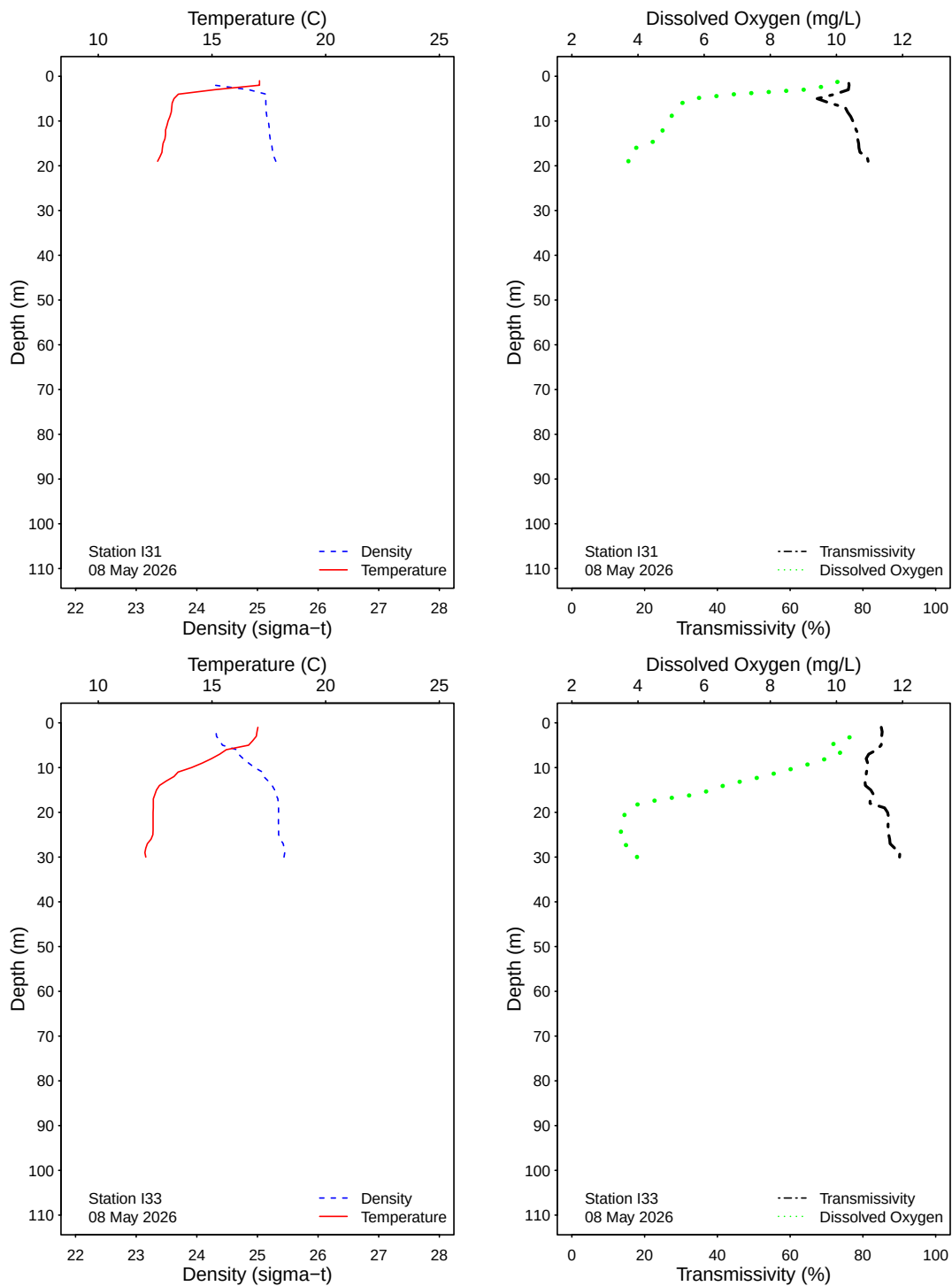


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

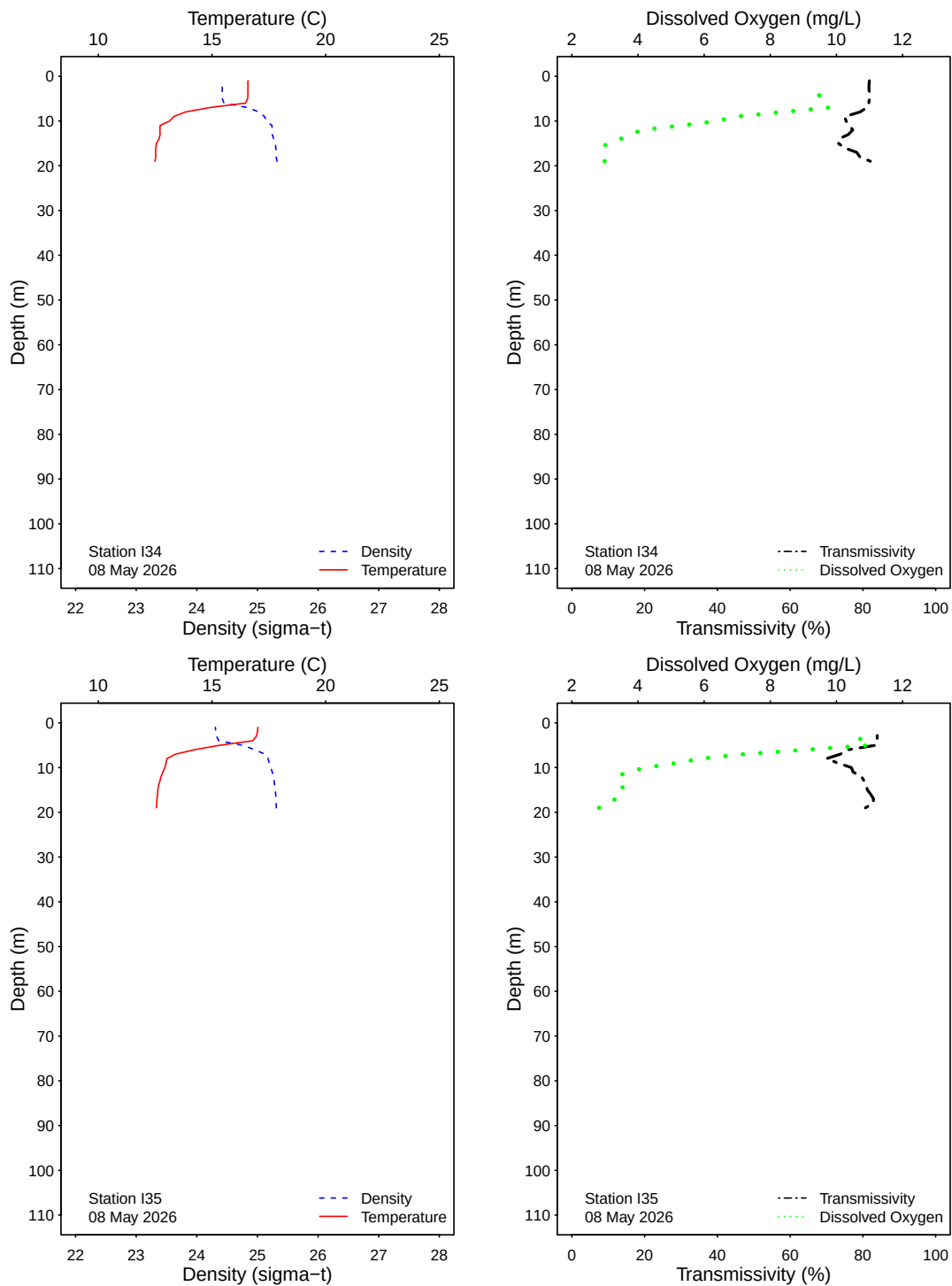


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

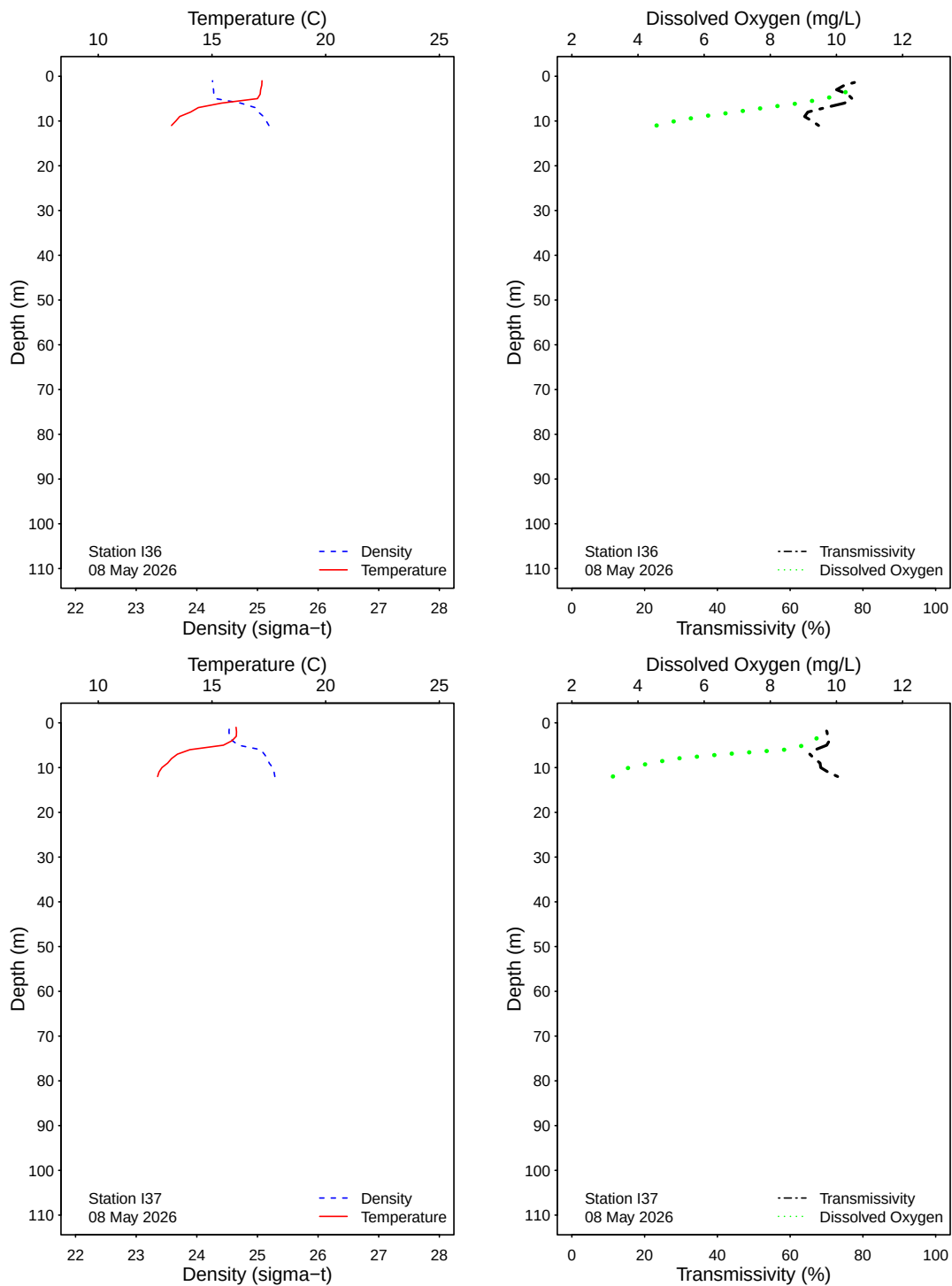


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

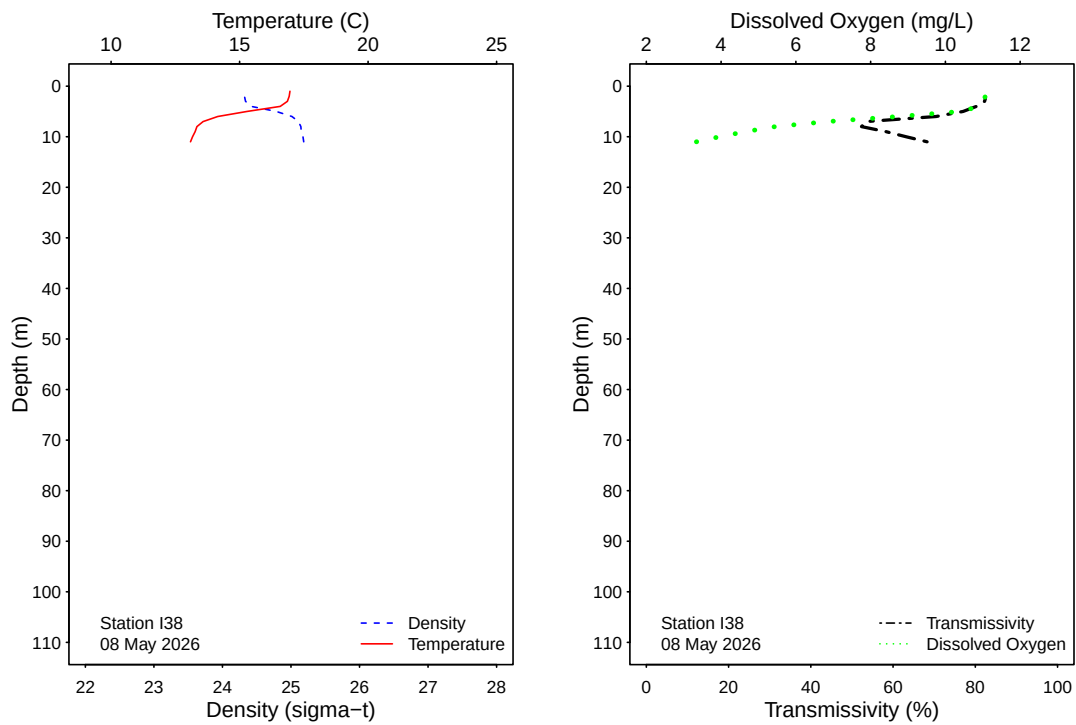


Figure 4.1: Graphics of CTD profile data from the SBOO offshore stations for each sample date.

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
I3	06 May 2026	18	KT	LAB DUPLICATE	2	2	2
I9	06 May 2026	27	KT	LAB DUPLICATE	2	2	2
I8	06 May 2026	37	KT	LAB DUPLICATE	2	2	2
I12	07 May 2026	18	JF	LAB DUPLICATE	3800	720	220
I19	04 May 2026	6	KT	LAB DUPLICATE	40	2	180
I19	11 May 2026	6	ADG	LAB DUPLICATE	2	2	2
I19	19 May 2026	6	KT	LAB DUPLICATE	2	2	2
I19	26 May 2026	6	JF	LAB DUPLICATE	140	18	2
I13	07 May 2026	18	JF	LAB DUPLICATE	2000	580	280
I16	07 May 2026	18	JF	LAB DUPLICATE	82	8	8
I40	04 May 2026	6	KT	LAB DUPLICATE	16	4	6
I40	11 May 2026	6	ADG	LAB DUPLICATE	20	2	4
I40	19 May 2026	6	KT	LAB DUPLICATE	20	2	2
I40	26 May 2026	6	JF	LAB DUPLICATE	20	2	2
S12	06 May 2026		ADG	LAB DUPLICATE	20	2	2
S12	06 May 2026		ADG	FIELD DUPLICATE	220	30	4
S12	12 May 2026		KT	FIELD DUPLICATE	300	16	180
S12	12 May 2026		KT	LAB DUPLICATE	160	20	160
S12	19 May 2026		JF	FIELD DUPLICATE	20	2	2
S12	19 May 2026		JF	LAB DUPLICATE	20	4	2
S12	26 May 2026		SS	FIELD DUPLICATE	6800	540	340
S12	26 May 2026		SS	LAB DUPLICATE	7200	680	140
I30	08 May 2026	27	SS	LAB DUPLICATE	60	18	10
I36	08 May 2026	11	SS	LAB DUPLICATE	2	2	2
I36	08 May 2026	11	SS	FIELD DUPLICATE	2	2	2

ns = not sampled

ND = no data

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