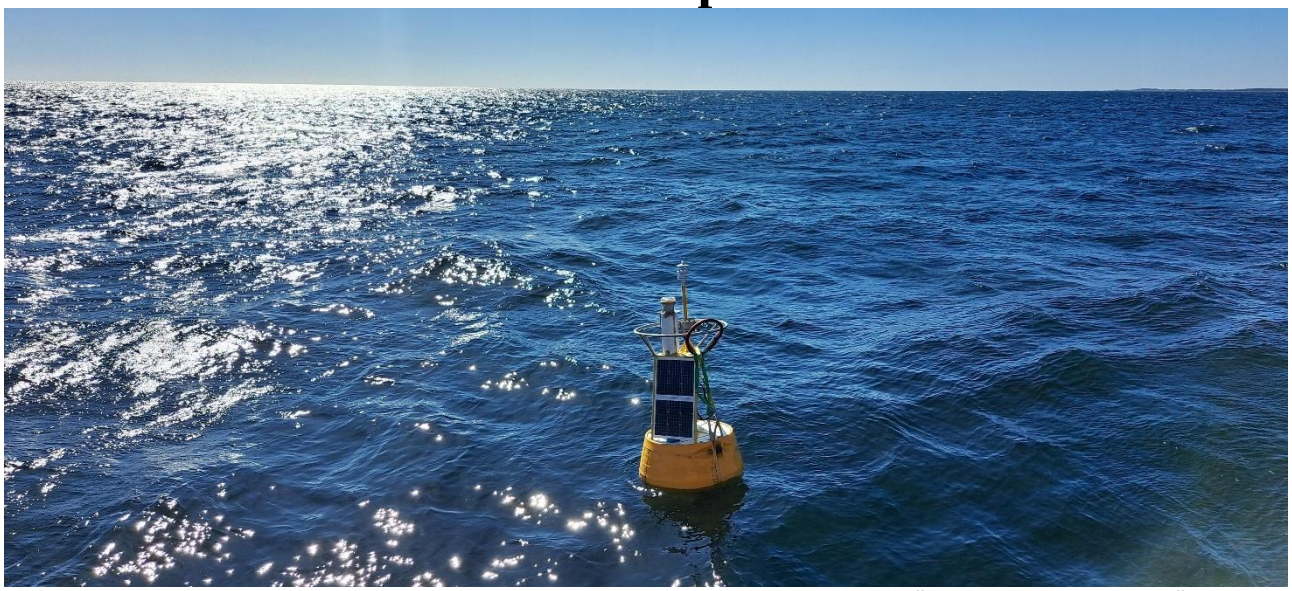
Örjan Bäck

Swedish Meteorological and Hydrological Institute
Oceanographic Laboratory

2026–04-30
Dnr: 2026/16/3.1.3

Report from SMHI's marine monitoring cruise with R/V Svea – April 2026



Deployment of buoy at Östergarnsholm. Photo: Örjan Bäck

Survey period: 2026-04-07 to 2026-04-12

Principals: Swedish Meteorological and Hydrological Institute (SMHI), Swedish Agency for Marine and Water Management (SwAM)

Cooperation partners: Swedish University of Agricultural Sciences (SLU), Swedish Maritime Administration (SMA)

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SUMMARY

During the expedition, which is part of Sweden’s marine pelagic monitoring program, the Skagerrak, Kattegat, Öresund, and the Baltic Proper were surveyed. Surface water temperatures were within normal ranges across all sea areas, varying from just below 3°C to 6.5°C. Salinity in surface waters was generally higher than normal in all regions. On the west coast, wind-driven mixing resulted in no clear halocline at all or a weaker deeper-than-usual halocline.

Phosphate concentrations in surface waters were above normal in all areas except around Bornholm, where levels were typical for the month. Dissolved inorganic nitrogen (DIN) was elevated in the Skagerrak at the Å-stations, while concentrations in other regions were low but still within the normal range for April. In the Kattegat and the southern Baltic Proper, DIN levels were below detection limit, indicating complete consumption. Silicate concentrations were generally higher than normal in surface waters across all areas.

Oxygen conditions were good at all stations in the Skagerrak, Kattegat, and Öresund, with no signs of oxygen deficiency. In the Bornholm Basin, oxygen-rich water had entered the system. In March, this was only visible near the seabed, but April measurements showed increased oxygen levels from around 60 m depth at station BY4 and from 65 m at BY5. At BY10, a slight increase was observed above and below 100 m, while small amounts of oxygen were detected around 100 m at BY15. However, concentrations remained low, and no oxygen was present below 125 m. Overall, this suggests that the inflow is limited and will only temporarily improve oxygen conditions in the Hanö Bay and Bornholm Basin.

In deeper parts of the Baltic Proper, oxygen deficiency or completely anoxic conditions persisted, with hydrogen sulphide present from depths of approximately 80–100 m. At BY15, hydrogen sulphide began at 125 m, and at BY10 only near the seabed.

Chlorophyll fluorescence, an indicator of plankton activity, was relatively high in surface waters of the Kattegat down to the halocline at about 20 m depth. This suggests that mixing has returned nutrients to the surface, fueling phytoplankton growth. In the Baltic Sea, the pattern was reversed compared to March, with the lowest fluorescence observed in the Arkona Basin. In the Skagerrak, fluorescence was low at offshore stations but extremely high at the coastal station Släggö.

SMHI’s next regular expedition with R/V Svea is scheduled for May 4–11, starting in Lysekil and ending in Kalmar.

EXPEDITION OVERVIEW

The expedition was carried out aboard R/V Svea, starting in Kalmar on April 7 and concluding in Lysekil on April 12. Weather conditions varied, beginning with strong northerly winds and mostly clear skies. Winds later shifted to easterly and increased in strength during the passage through the Kattegat, accompanied by overcast conditions. Air temperatures ranged between 2–5°C in the Baltic Sea and 5–7°C along the west coast.

Station BCSIII-10 was omitted due to a delayed start and tight schedule.

Due to strong winds, sampling with the large jellyfish net (WP3) was cancelled at stations BY15, N14, and Å17, and at BY2 due to strong currents. Zooplankton sampling (WP2) was also cancelled at N14.

A measurement buoy was deployed at Östergarnsholm for Uppsala University, primarily to measure partial pressure of carbon dioxide within the ICOS framework, https://www.icos-sweden.se/.

Two guest researchers from the Swiss Federal Institute of Aquatic Science and Technology (Eawag) participated in the expedition. They studied intracellular concentrations of the key algal metabolite dimethylselenopropionate (DMSeP) in plankton biomass and compared these with levels of volatile selenium (DMSe) in seawater.

Svea's Moving Vessel Profiler (MVP) was operated in the Eastern and Western Gotland Basins, the Bornholm Basin, and in the Skagerrak along the Å transect.

Since February, eDNA/barcoding measurements have been included in the monitoring program, with surface water samples filtered at four stations: BY31, BY5, Anholt E, and Å17.

The ferrybox system and ADCP were operated continuously throughout the expedition.

This report is based on data that have undergone initial quality control and have been compared with monthly averages for the period 1991–2020. Further quality checks may lead to adjustments. Reported values are rounded to one decimal place and may therefore differ slightly from published data. Data are typically made available within about one week after the expedition. Some analyses are conducted afterward and are published later.

More information about our data hosting service and to download data:
https://www.smhi.se/data/oceanografi/datavardskap-oceanografi-och-marinbiologi

For more information on the algal situation, see the AlgAware report:
https://www.smhi.se/publikationer/publikationer/algrapporter

RESULTS

Skagerrak

Surface water temperatures were normal, around 6°C, with little variation (5.5–7°C). Only near the seabed at Släggö did temperatures exceed 7°C.

Surface salinity ranged from 32–33 psu, but was lower (26 psu) at Släggö in the Gullmar Fjord, where the water appeared strongly brown, possibly due to humic substances from land runoff. Surface salinity was higher than normal at all stations, likely due to wind-driven mixing.

Normally, a salinity stratification exists above 20 m depth, but during this expedition it was absent at several stations (P2, Å15, Å13). A weak halocline was observed at around 20 m at Å17 and at shallower depths near Släggö.

Mixing brought nutrient-rich deep water to the surface, resulting in higher-than-normal nutrient concentrations at all stations except Släggö. Offshore stations had surface DIN concentrations near 6 µmol/l, phosphate near 0.5 µmol/l, and silicate near 4 µmol/l. Coastal stations had slightly lower concentrations.

Oxygen conditions were good at all offshore stations, with near-bottom values around 7 ml/l. At Släggö, oxygen levels were lower (4.3 ml/l), close to the threshold for hypoxia (4 ml/l).

Chlorophyll fluorescence, which is a measure of plankton activity, is recorded using a sensor mounted on the CTD[1]. Chlorophyll fluorescence was low at most stations but exceptionally high at Släggö. This was linked to high phytoplankton biomass, likely caused by a bloom of *Prymnesiophyceae* flagellates observed along the west coast and in the Oslofjord, which may also explain the brown coloration of the surface water[2].

Kattegat and Öresund

Wind-driven mixing also affected the Kattegat, leading to higher-than-normal surface salinity (~25 psu) and a weaker, deeper halocline. In Öresund, conditions were more typical, with low-salinity Baltic water outflow (~9 psu) above a halocline at about 15 m and more saline water (~34 psu) below. Turbidity increased significantly below the halocline, with very low visibility near the seabed.

Surface temperatures were normal: about 6.5°C in the Kattegat and just above 5°C in Öresund.

DIN was depleted above the halocline in the Kattegat (<0.1 µmol/l) and low in Öresund. Phosphate concentrations were higher than normal (~0.2 µmol/l in Kattegat, ~0.4 µmol/l in

[1] CTD is a profiling measuring instrument and stands for Conductivity, Temperature, Depth. SMHI's CTD is also equipped with sensors that measure oxygen and fluorescence, among other things.
[2] See latest algal report (Algaware): https://www.smhi.se/publikationer-fran-smhi/sok-publikationer/2026-04-27-algrapport-nummer-4-2026

Öresund). Silicate levels were also slightly elevated in the surface and closest to the bottom, 3-5 µmol/l in the Kattegat surface water and barely 11 µmol/l in Öresund.

Oxygen conditions were normal, with 5.5–6.5 ml/l in the Kattegat and 4.7 ml/l in Öresund.

Chlorophyll fluorescence was relatively high in the Kattegat surface layer down to the halocline, indicating renewed phytoplankton growth following nutrient replenishment.

Baltic Proper

Surface temperatures were normal, around 3°C in the Gotland Basins, just below 4°C in the Bornholm Basin, and slightly above 4°C in the Arkona Basin. Surface salinity was generally slightly above normal, ranging from 6.9 to 8.2 psu.

The halocline depth varied: already at ~20 m in the Arkona Basin, ~40–45 m in Hanö Bay and the Bornholm Basin, and 50–70 m elsewhere. At station BY29, stratification began unusually shallow (~40 m).

DIN was fully consumed near Bornholm and low elsewhere, with slightly higher concentrations (1–2 µmol/l) around Gotland. Phosphate levels were normal near Bornholm but slightly elevated in the Gotland Basins. Silicate concentrations were above normal throughout the water column.

Deep waters contained elevated nutrient levels, especially near the seabed.

Oxygen conditions varied significantly. The Arkona Basin had good oxygen conditions, though slightly worse than in March. Inflow of oxygen-rich water into the Bornholm Basin was observed but appears limited in impact.

In the Eastern Gotland Basin, severe hypoxia (<2 ml/l) occurred from 60–80 m depth, with hydrogen sulfide present below. Similar conditions were observed in the Western Gotland Basin, with anoxic layer starting from between 80–100 m.

Fluorescence measurements indicated biological activity, with highest values at station BY10 and at Huvudskär buoy, while the Arkona Basin showed the lowest activity—opposite to the pattern observed in March.

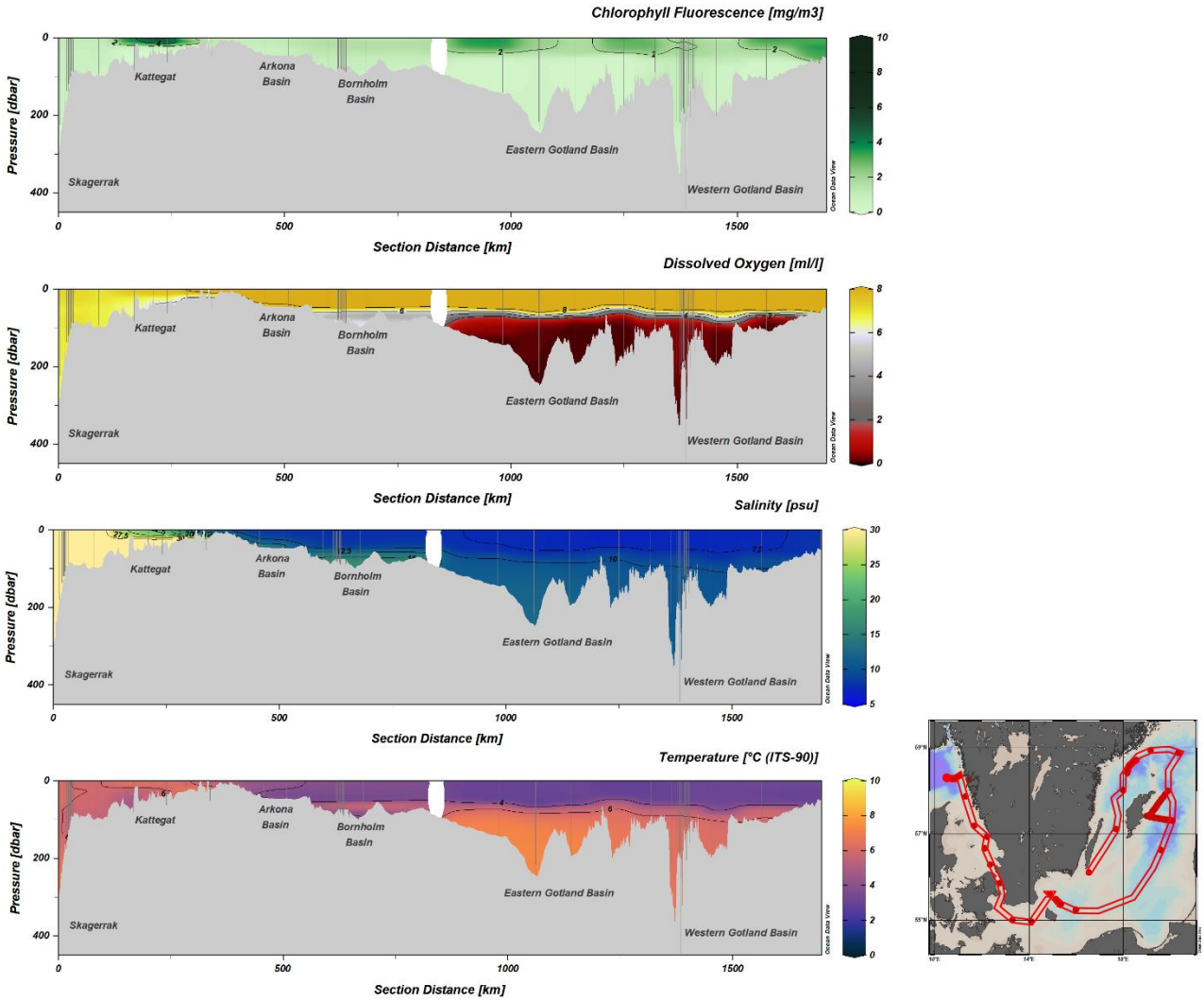

Figure 1. Cross section showing chlorophyll fluorescence, oxygen concentration, salinity and temperature from measurements with CTD and MVP, from Skagerrak to the Eastern Gotland Basin and further into the Western Gotland Basin.

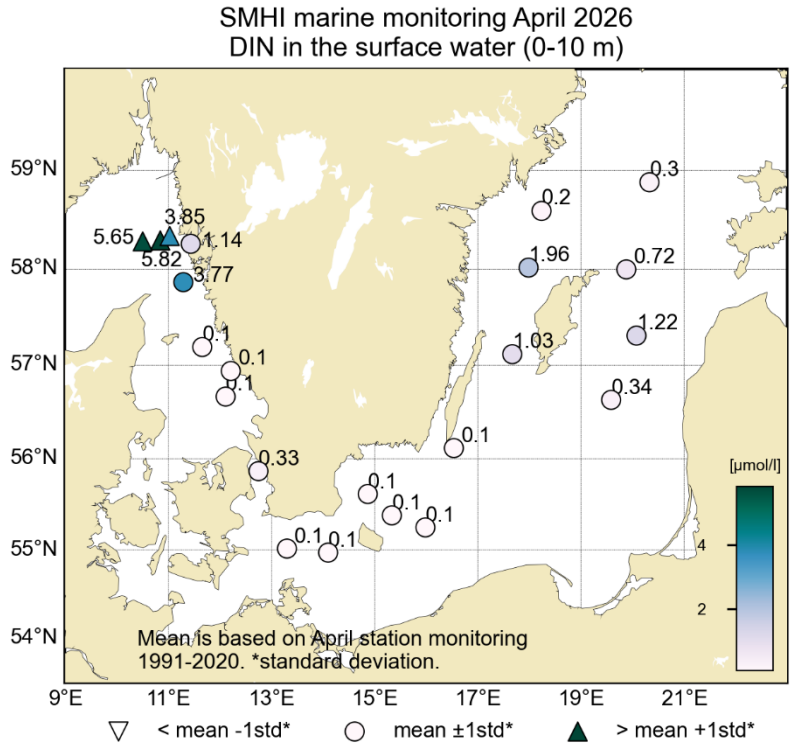

Figure 2. The concentration (µmol/l) of inorganic nitrogen (DIN) in the surface water (0 – 10 m). The mean value is based on data for the month at each station during the years 1991 – 2020.

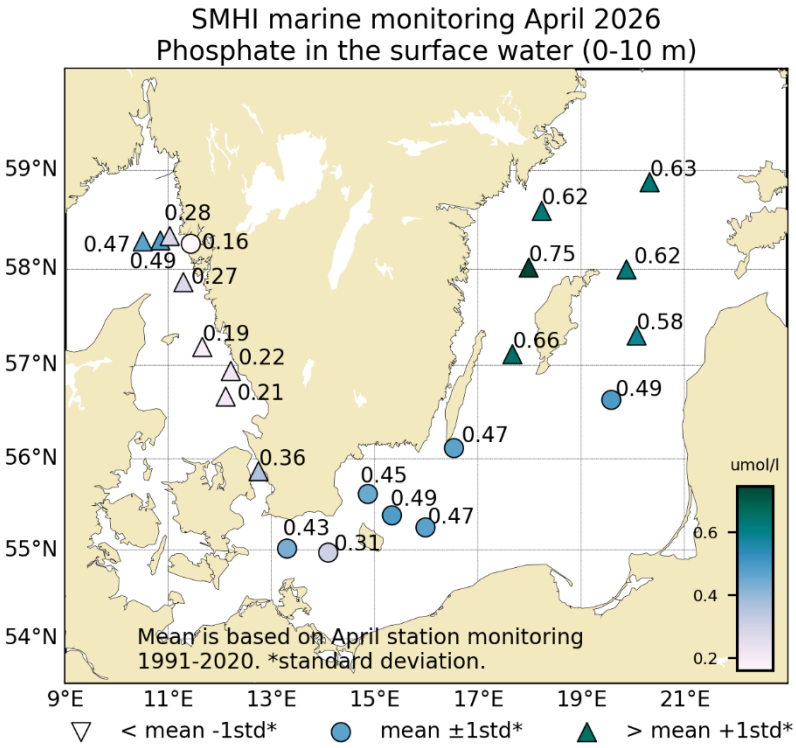

Figure 3. The concentration (µmol/l) of phosphate in the surface water (0 – 10 m). The mean value is based on data for the month at each station during the years 1991 – 2020.

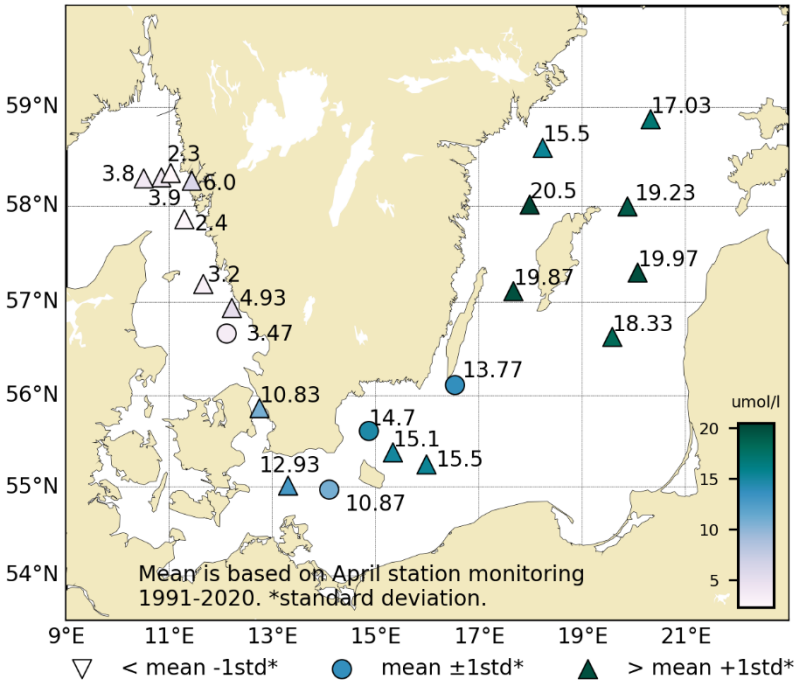

Figure 4. The concentration (µmol/l) of silicate in the surface water (0 – 10 m). The mean value is based on data for the month at each station during the years 1991 – 2020.

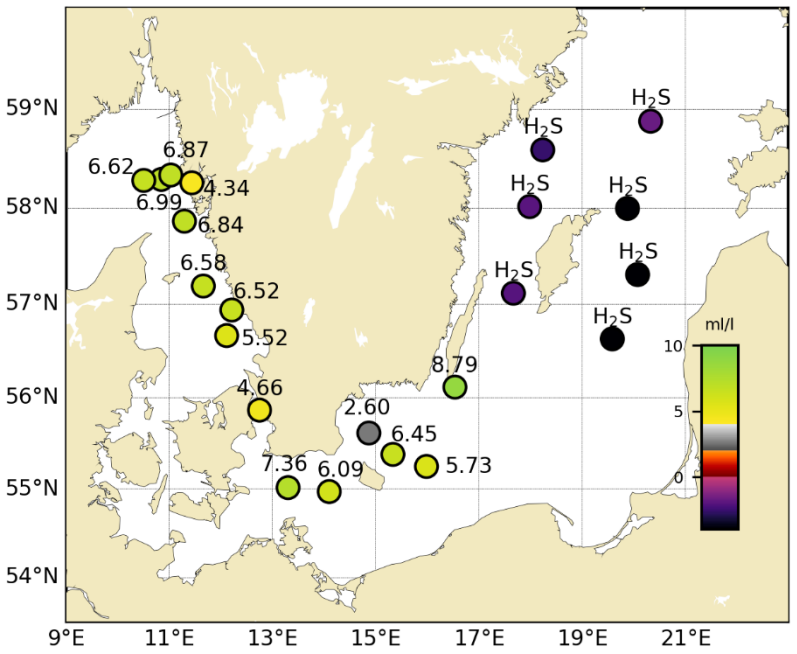

Figure 5. Dissolved oxygen concentration (ml/l) in the bottom water, approx. one metre above the seafloor. Presence of hydrogen sulphide is shown as H_2S. Note that the values have not been compared to statistics as in similar figures (containing surface data) and only circles are shown.

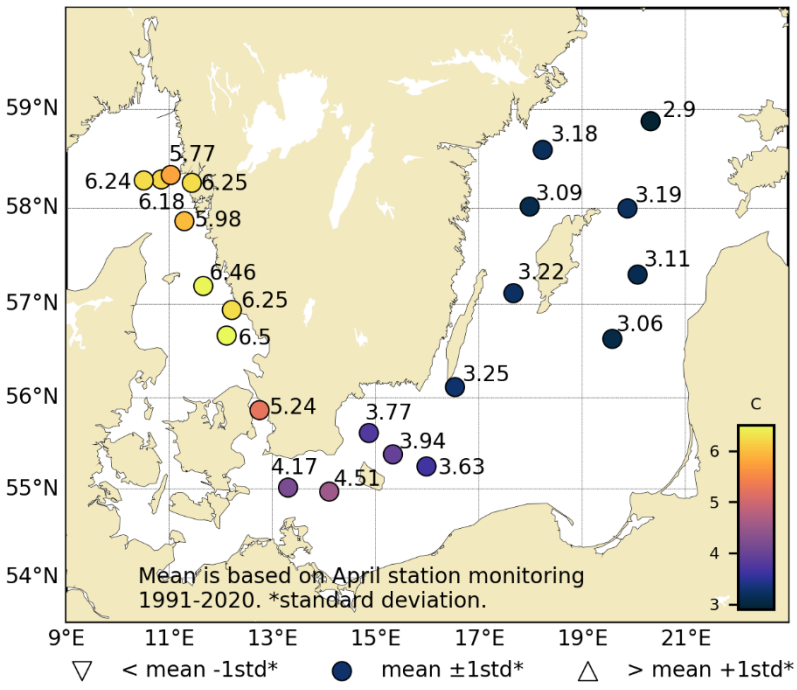

Figure 6. Temperature in the surface water (0 – 10 m). The mean value is based on data for the month at each station during the years 1991 – 2020.

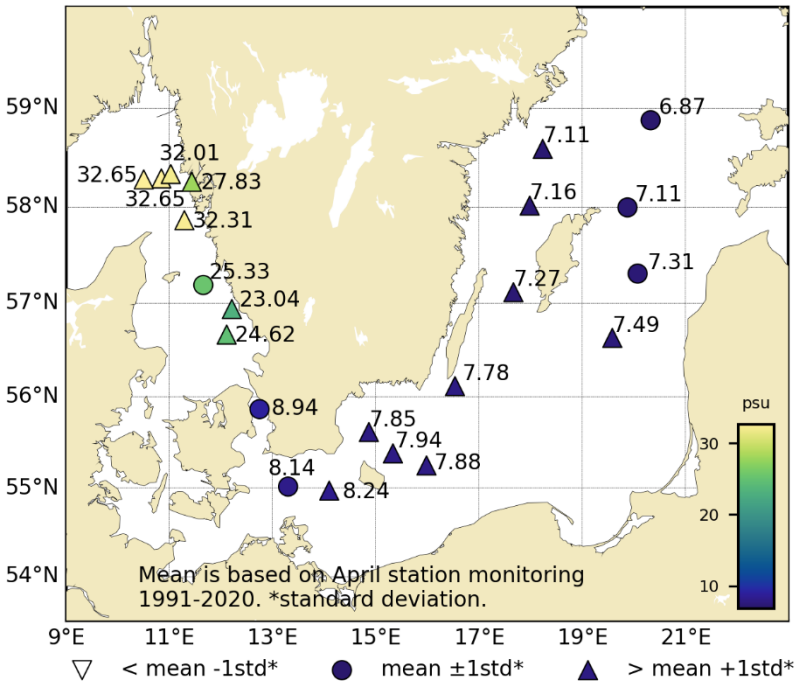

Figure 7. Salinity in the surface water (0 – 10 m). The mean value is based on data for the month at each station during the years 1991 – 2020.

PARTICIPANTS

Name	Role	From
Örjan Bäck	Chief Scientist, Oceanographer	SMHI
Ann-Turi Skjevik	Marine biologist	SMHI
Sari Sipilä	Chemist	SMHI
Kristoffer Dale	Marine technician	SMHI
Daniel Bergman Sjöstrand	Oceanographic engineer	SMHI
Johan Håkansson	Chemist, Quality Manager	SMHI
Hans Olsson	Ship technician	SLU

APPENDICES

- Track chart
- Table with stations, analysed parameters and number of sampling depths
- Monthly average plots for surface water
- Vertical profiles

SMHI

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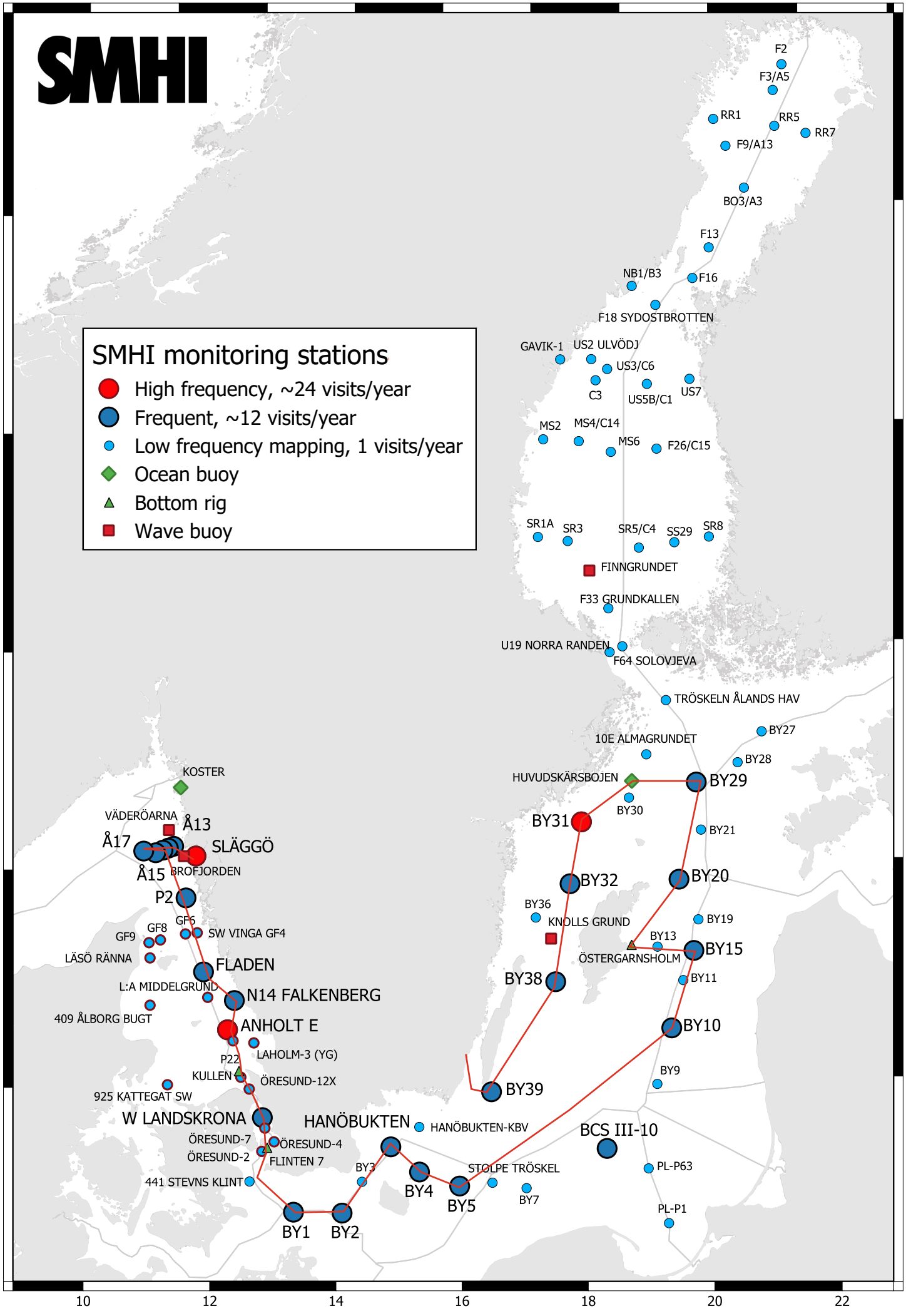
ISO/IEC 17025

Havs och Vatten myndigheten

SLU


SMHI
SMHI monitoring stations
High frequency, ~24 visits/year
Frequent, ~12 visits/year
Low frequency mapping, 1 visits/year
Ocean buoy
Bottom rig
Wave buoy
F2
F3/A5
RR1
RR5
RR7
F9/A13
BO3/A3
F13
NB1/B3
F16
F18 SYDOSTBROTTEN
GAVIK-1
US2 ULVÖDJ
US3/C6
C3
US5B/C1
US7
MS2
MS4/C14
MS6
F26/C15
SR1A
SR3
SR5/C4
SS29
SR8
FINNGRUNDET
F33 GRUNDKALLEN
U19 NORRA RANDEN
F64 SOLOVJEVA
TRÖSKELN ÅLANDS HAV
BY27
10E ALMAGRUNDET
BY28
HUVUDSKÄRSBOJEN
BY29
BY30
BY31
BY21
BY32
BY20
BY36
KNOLLS GRUND
BY19
BY13
BY15
ÖSTERGARNSHOLM
BY38
BY11
BY10
BY9
BY39
BCS III-10
PL-P63
PL-P1
HANÖBUKTEN
HANÖBUKTEN-KBV
STOLPE TRÖSKEL
BY7
BY3
BY4
BY5
BY1
BY2
KOSTER
VÄDERÖARNA
Å13
Å17
SLÄGGÖ
Å15
BROFJORDEN
P2
GF6
SW VINGA GF4
GF8
GF9
LÄSÖ RÄNNA
FLADEN
L:A MIDDELGRUND
N14 FALKENBERG
409 ÅLBORG BUGT
ANHOLT E
LAHOLM-3 (YG)
P22
KULLEN
ÖRESUND-12X
925 KATTEGAT SW
W LANDSKRONA
ÖRESUND-7
ÖRESUND-4
ÖRESUND-2
FLINTEN 7
441 STEVNS KLINT
64
62
60
58
56
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12
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16
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22

Date: 2026-04-13
Time: 11:35

Ship: 77SE
Year: 2026

Ser no	Cru no	Stat code	Proj	Stat name	Lat	Lon	Start date yyyymmdd	Start time hhmm	Bottom depth m	Secchi depth m	Wind dir	Wind vel	Air temp C	Air pres hPa	WCWI (Weath, Cloud, Waves, Iceb)	CZPP (Chla, Zoop, Phytop, Pp)	No de	No btl	Temp_btl	Temp_ctd	Salt_btl	Salt_ctd	Ph	Doxy_btl	Doxy_ctd	H2S	Phos	Ptot	Ntri	Ntra	Ntrz	Amon	Ntot	Alky	Sio3-si	Humus	Comnt_visit	Comnt_samp
0285	07	BPSE49	BAS...	BY39 ÖLANDS S UDDE	5606.98	01632.16	20260407	1813	50		05	8.3	4.9	1027	1130	xxx-	8	8	-	x	x	x	x	x	x	-	x	x	x	x	x	x	x	x	x	-	-	-
0286	07	BPWX45	BAS...	BY38 KARLSÖDJ	5707.02	01740.12	20260408	0255	114		36	9	3.2	1030	9990	x---	14	14	-	x	x	x	-	x	x	x	x	x	x	x	x	x	x	-	x	x	-	x
0287	07	BPWX38	BAS...	BY32 NORRKÖPINGSDJ	5801.01	01759.06	20260408	0900	205		03	10	3	1033	1230	x---	17	17	-	x	-	x	-	x	x	x	x	x	x	x	x	x	x	-	x	-	-	-
0288	07	BPNX37	BAS...	BY31 LANDSORTSDJ	5835.62	01814.17	20260408	1356	459	9	05	5.6	4.3	1032	0030	xxx-	20	20	-	x	-	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	-
0289	07	BPNX00	EXT...	HUVUDSKÄR BOUY	5856.31	01909.37	20260408	1946	90		36	10.9	2.3	1032	9990	----	12		-	x	-	x	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-
0290	07	BPNX35	BAS...	BY29 / LL19	5852.91	02019.69	20260408	2340	178		04	4.8	2.8	1032	9990	x---	16	16	-	x	-	x	-	x	x	x	x	x	x	x	x	x	x	-	x	-	-	-
0291	07	BPEX26	BAS...	BY20 FÅRÖDJ	5759.89	01952.74	20260409	0600	203		04	6	2.46	1031	1230	x--x	17	17	-	x	-	x	x	x	x	x	x	x	x	x	x	x	x	-	x	-	x	-
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0294	07	BPEX13	BAS...	BY10	5638.02	01935.10	20260409	2200	147		10	4.8	3.2	1027	9990	x---	15	15	-	x	x	x	-	x	x	x	x	x	x	x	x	x	x	-	x	-	x	-
0295	07	BPSB07	BAS...	BY5 BORNHOLMSDJ	5515.00	01559.06	20260410	1200	91	8	09	7	3.4	1022	1530	xxxx	12	12	-	x	x	x	x	x	x	-	x	x	x	x	x	x	x	x	x	x	-	-
0296	07	BPSB06	BAS...	BY4 CHRISTIANSÖ	5522.98	01520.03	20260410	1540	94		11	7.7	4.9	1021	1330	x---	12	12	-	x	x	x	-	x	x	-	x	x	x	x	x	x	x	-	x	-	x	-
0297	07	BPSH05	BAS...	HANÖBUKTEN	5537.04	01452.04	20260410	1852	80		12	6.7	3.7	1021	9990	x---	11	11	-	x	x	x	-	x	x	-	x	x	x	x	x	x	x	-	x	-	x	-
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0299	07	BPSA02	BAS...	BY1	5500.94	01318.07	20260411	0400	47		12	3	4.1	1022	2730	x---	8	8	-	x	x	x	-	x	x	-	x	x	x	x	x	x	x	-	x	-	x	-
0300	07	SOCX39	BAS...	W LANDSKRONA	5551.99	01244.89	20260411	1105	50	11	15	6	6.9	1022	1620	x---	9	9	-	x	x	x	-	x	x	-	x	x	x	x	x	x	x	-	x	-	x	x
0301	07	KAEX00	EXT...	P22	5617.35	01220.18	20260411	1350	26	8	15	8	7.5	1021	1330	----	6	0	-	x	-	x	-	-	x	-	-	-	-	-	-	-	-	-	-	-	x	-
0302	07	KAEX29	BAS...	ANHOLT E	5640.12	01206.70	20260411	1643	62	6	15	5.7	7.4	1020	1430	xxxx	10	10	-	x	x	x	x	x	x	-	x	x	x	x	x	x	x	x	x	x	x	-
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0305	07	SKEX23	BAS...	P2	5752.00	01117.52	20260412	0335	93		12	13	5.2	1016	9990	x---	10	10	-	x	x	x	-	x	x	-	x	x	x	x	x	x	x	-	x	-	x	-
0306	07	SKEX16	BAS...	Å15	5817.66	01050.72	20260412	0645	135		13	9	5.9	1014	2740	x---	12	12	-	x	x	x	-	x	x	-	x	x	x	x	x	x	x	-	x	-	-	-
0307	07	SKEX18	BAS...	Å17	5817.05	01030.27	20260412	0830	340		14	10	6.1	1018	2840	xxx-	15	15	-	x	-	x	x	x	x	-	x	x	x	x	x	x	x	x	x	-	-	-
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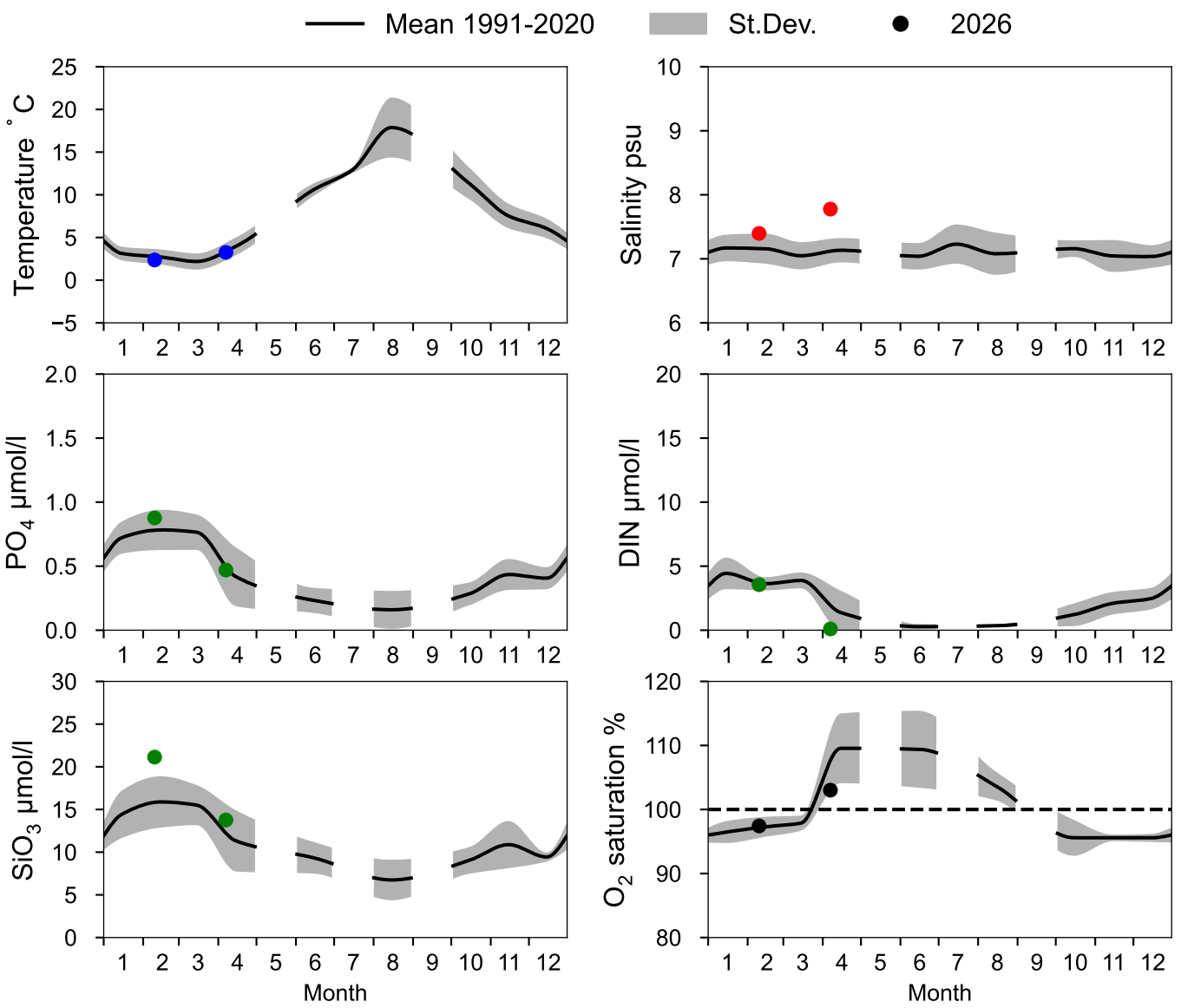
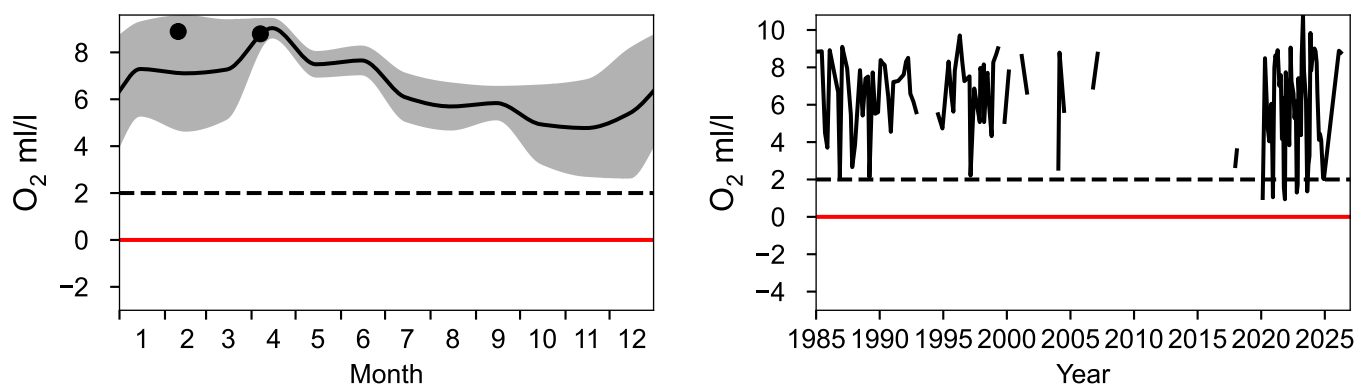
0309	07	FIBG27	BAS...	SLÄGGÖ	5815.59	01126.16	20260412	1320	74	2	11	6	8.6	1020	2820	xxx-	9	9	-	x	x	x	x	x	x	-	x	x	x	x	x	x	x	x	x	-	x	-

STATION BY39 ÖLANDS S UDDE SURFACE WATER (0-10 m)

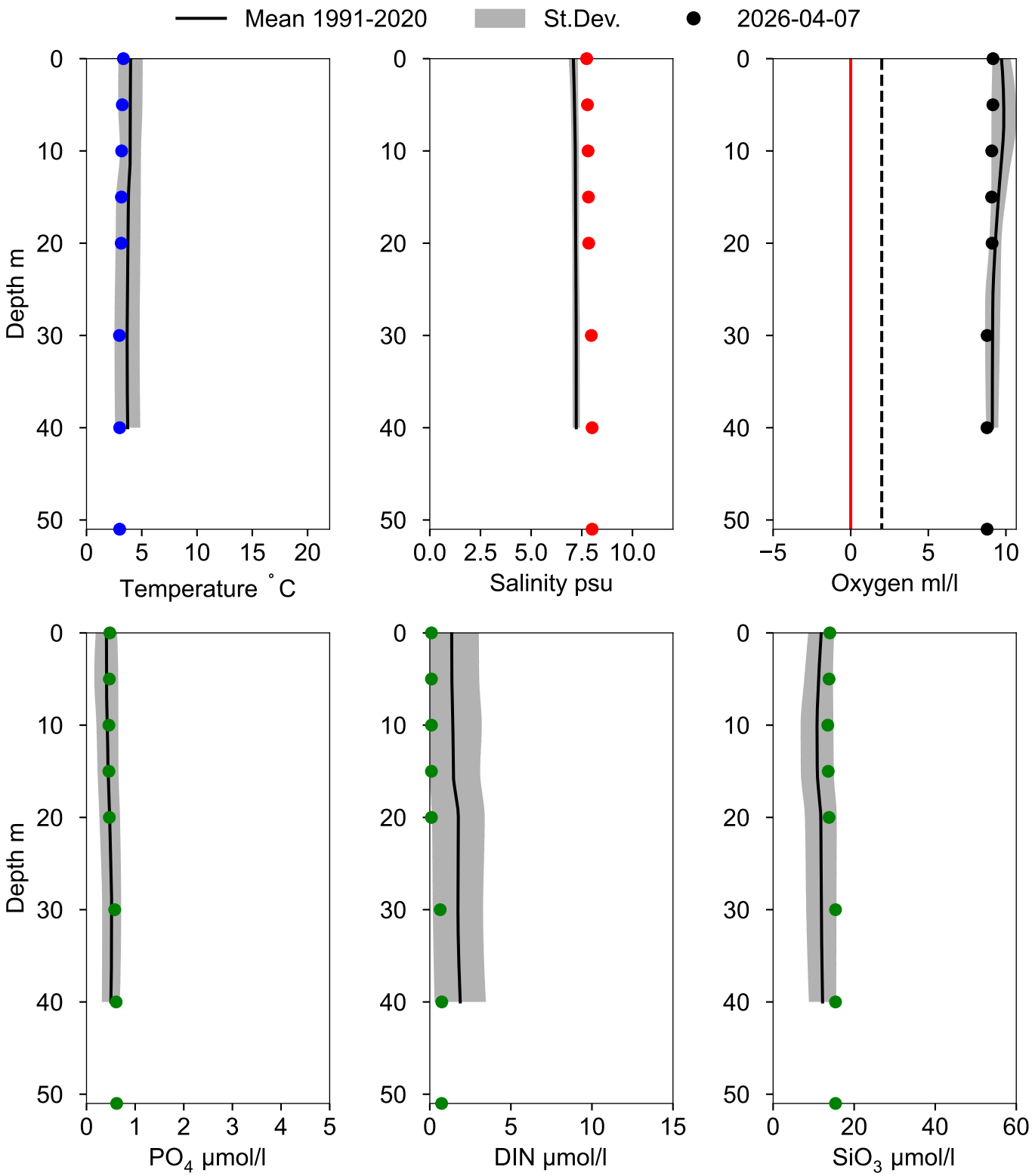
Annual Cycles



OXYGEN IN BOTTOM WATER (depth >= 40 m)

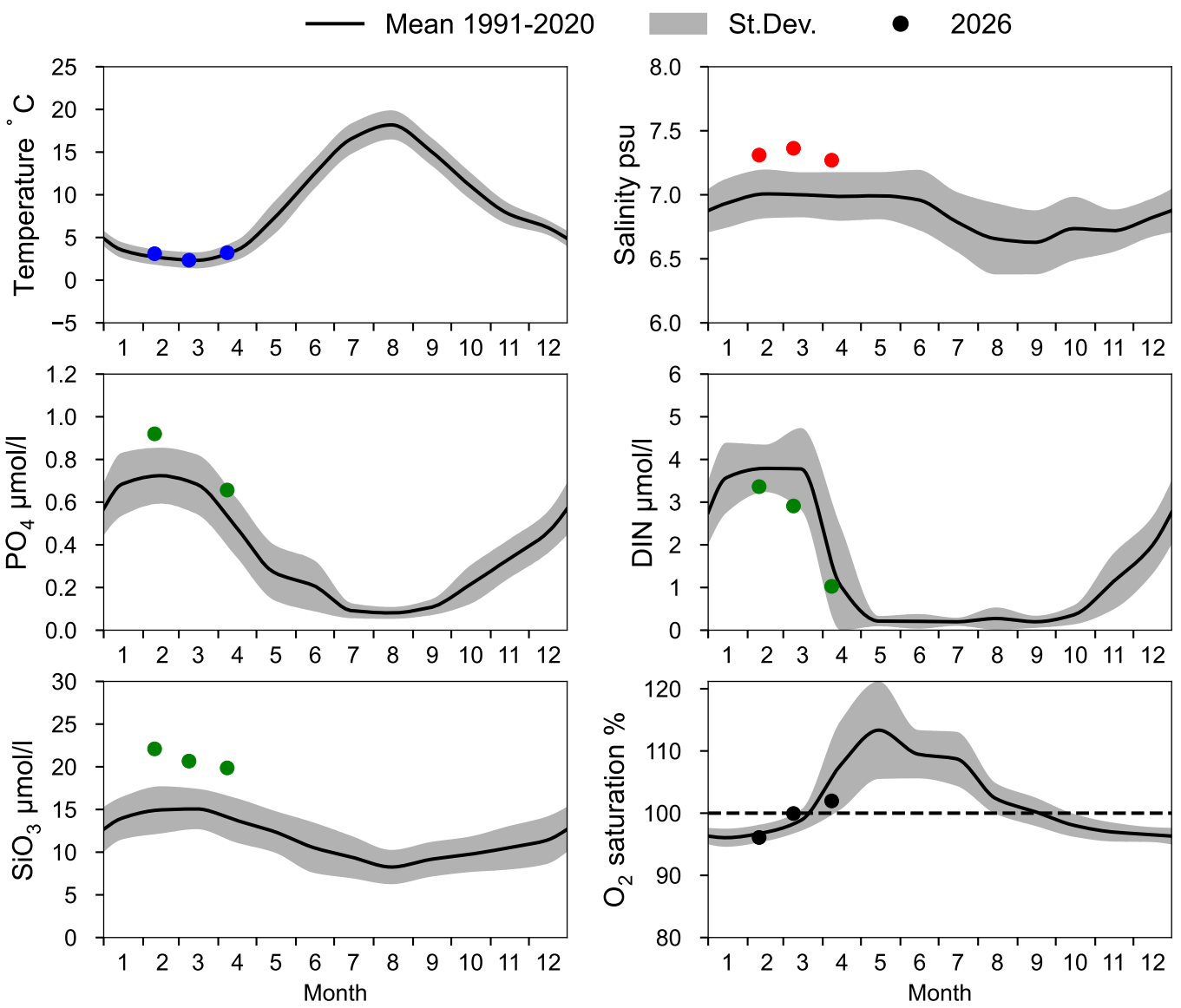


Vertical profiles BY39 ÖLANDS S UDDE
April

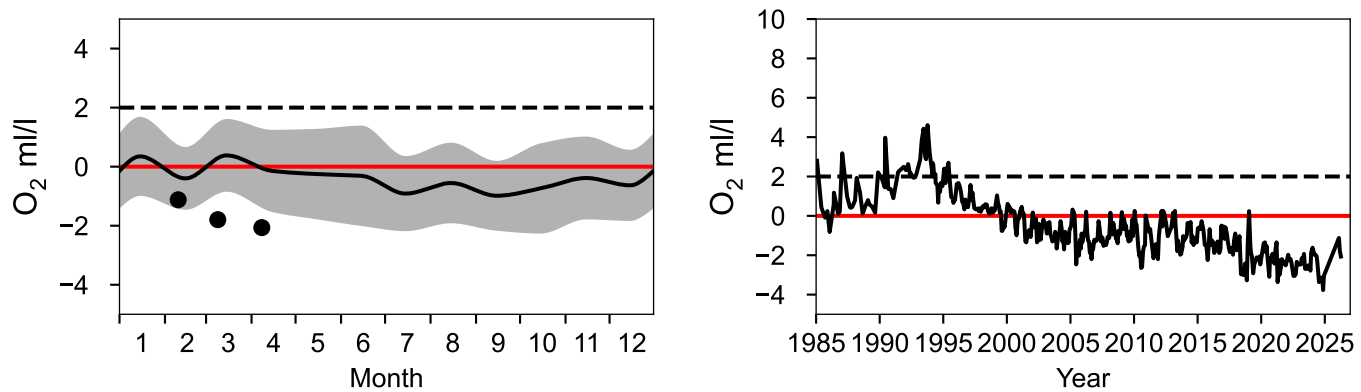


STATION BY38 KARLSÖDJ SURFACE WATER (0-10 m)

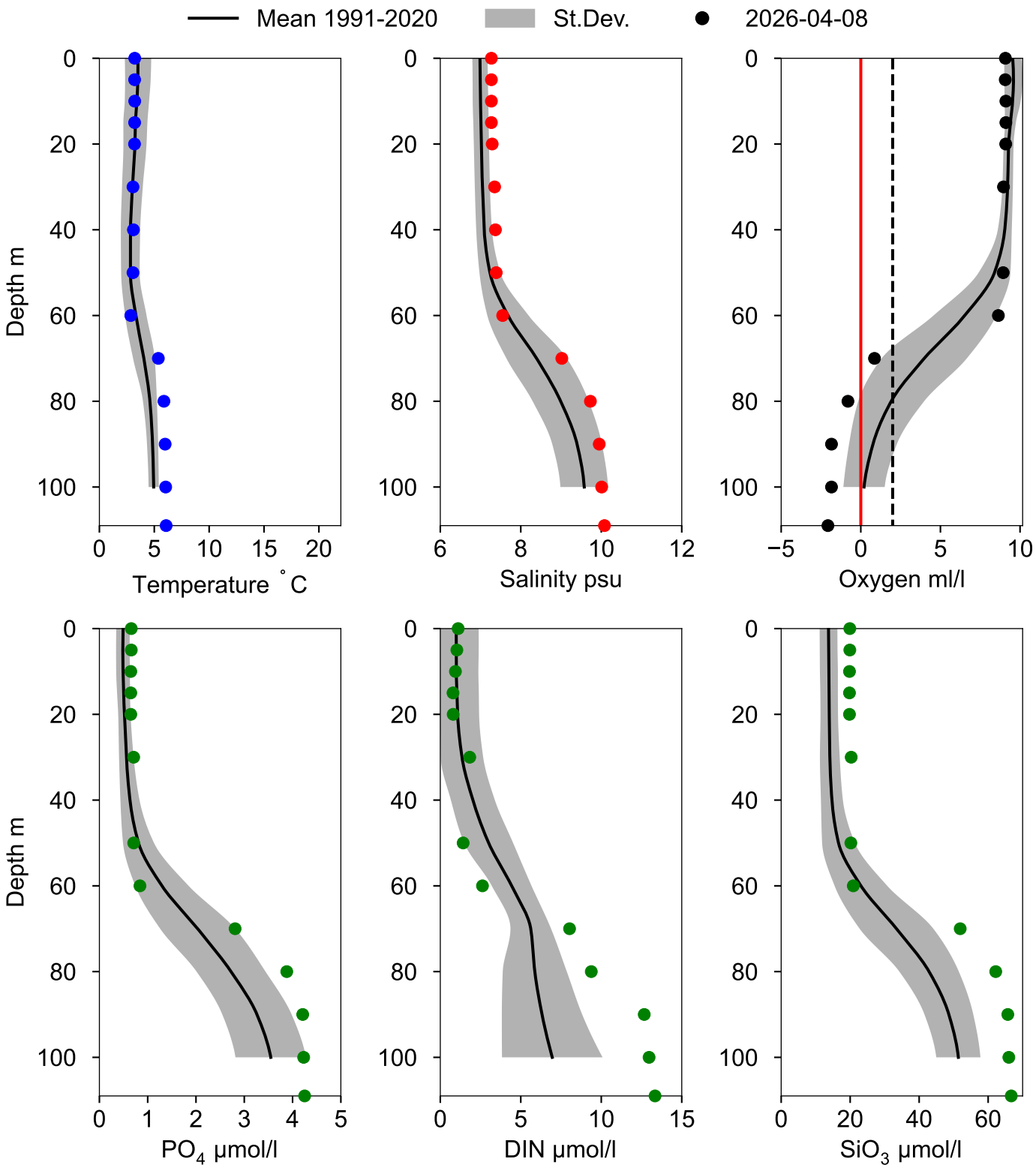
Annual Cycles



OXYGEN IN BOTTOM WATER (depth >= 100 m)

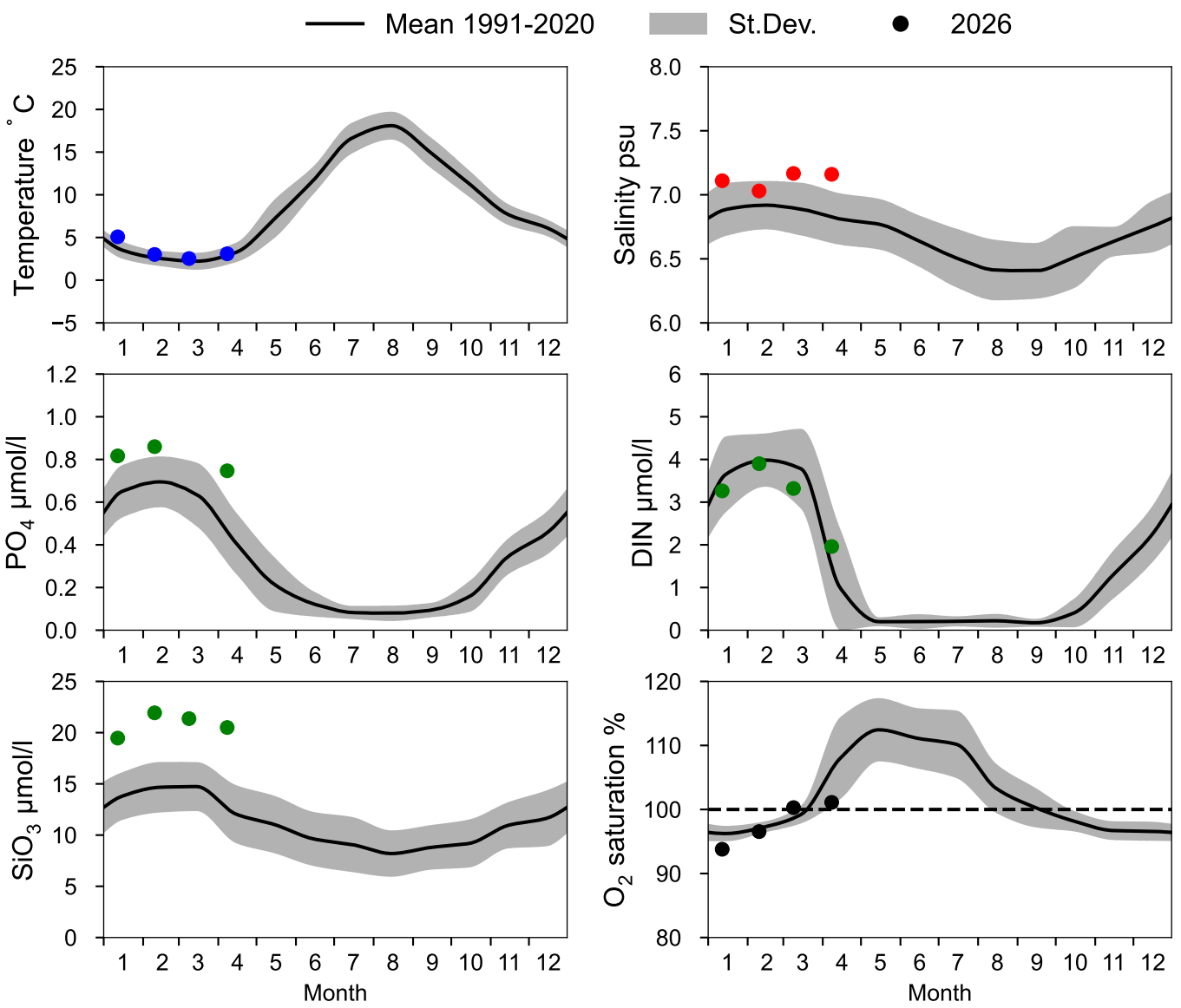


Vertical profiles BY38 KARLSÖDJ
April

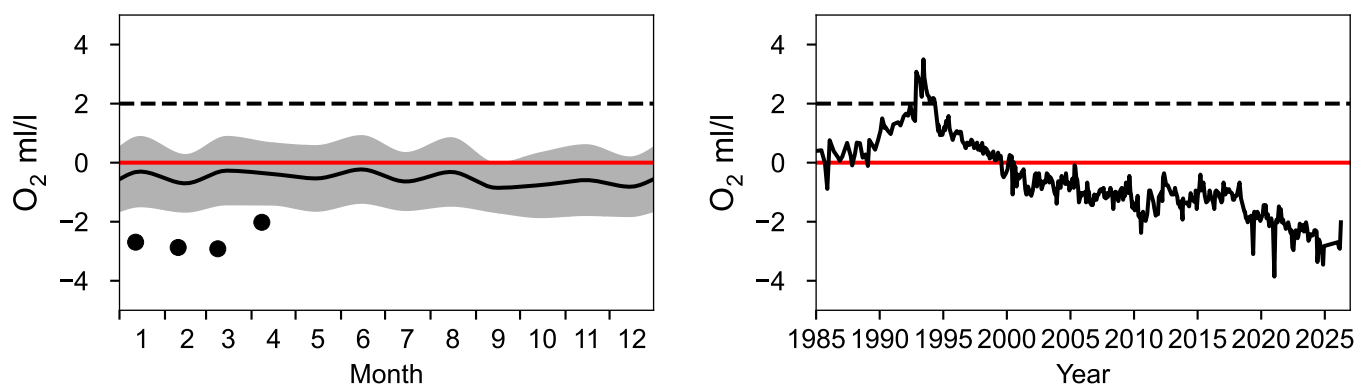


STATION BY32 NORRKÖPINGSDJ SURFACE WATER (0-10 m)

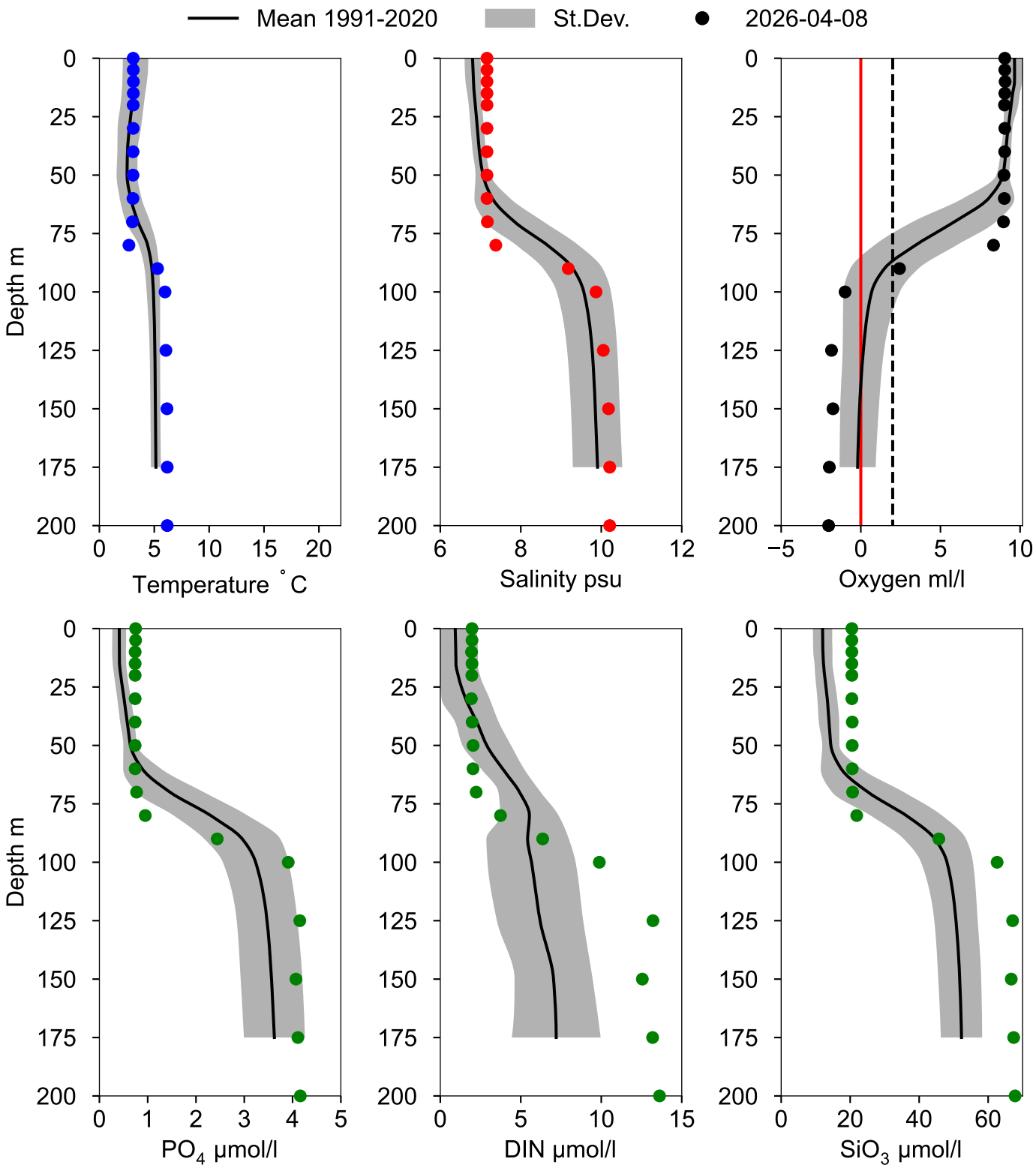
Annual Cycles



OXYGEN IN BOTTOM WATER (depth >= 175 m)

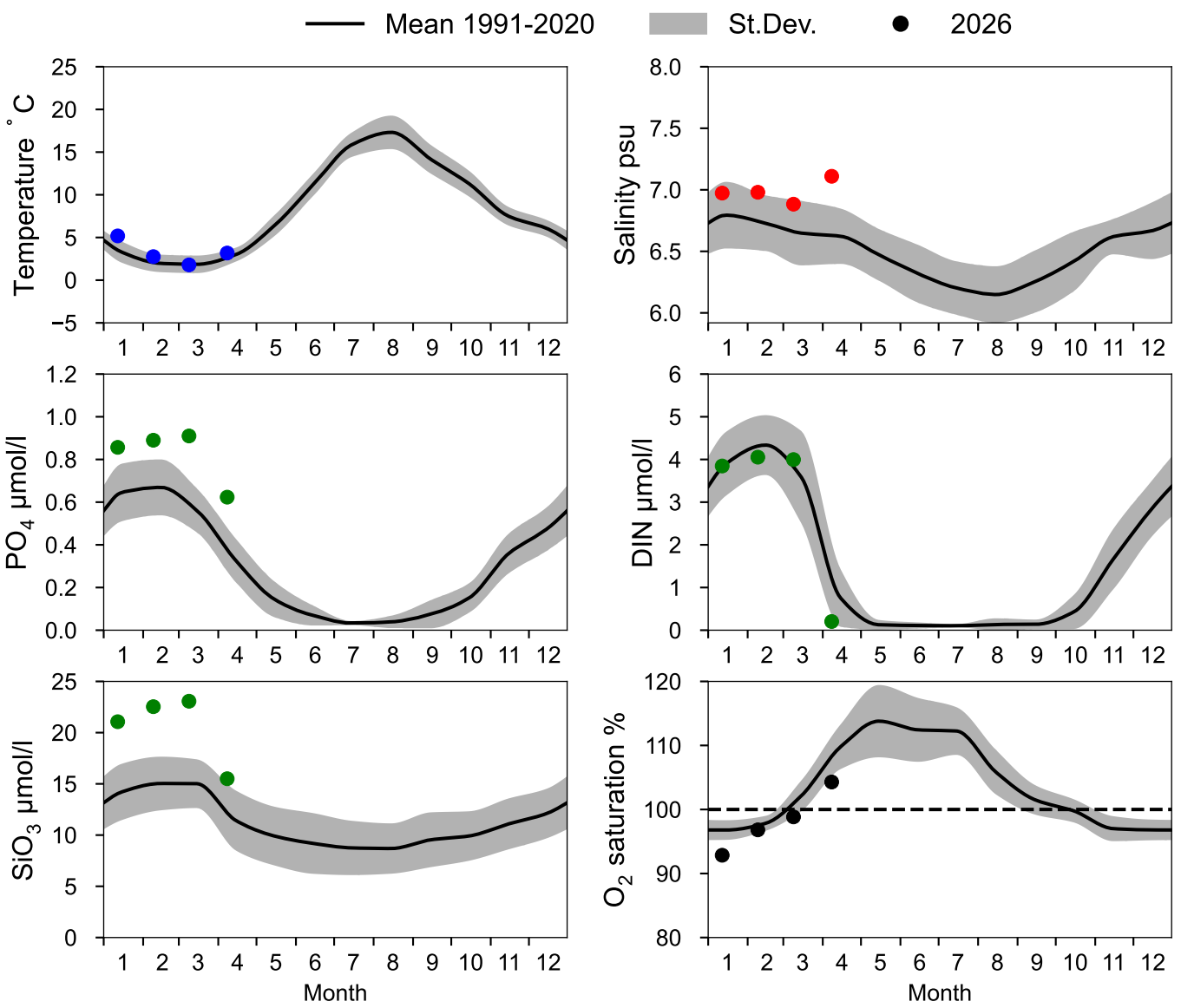


Vertical profiles BY32 NORRKÖPINGSDJ
April

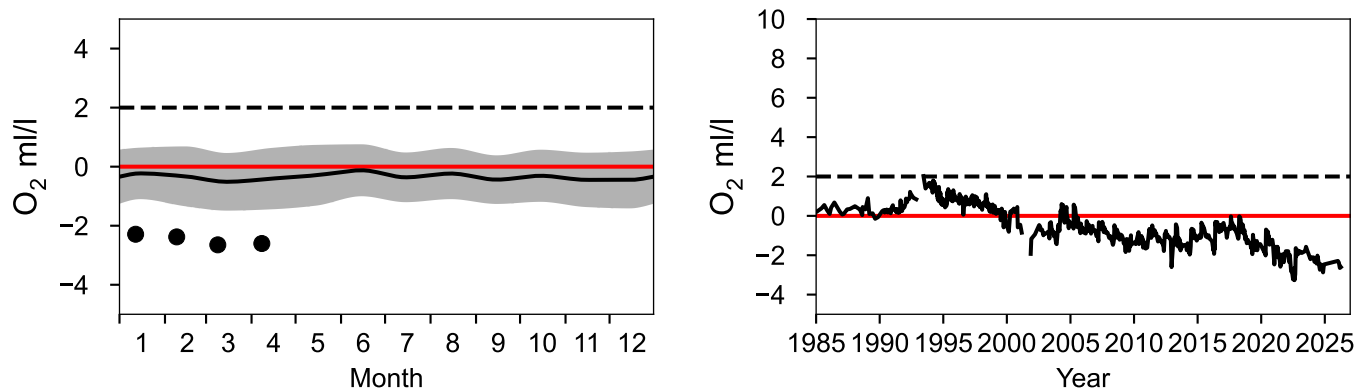


STATION BY31 LANDSORTSDJ SURFACE WATER (0-10 m)

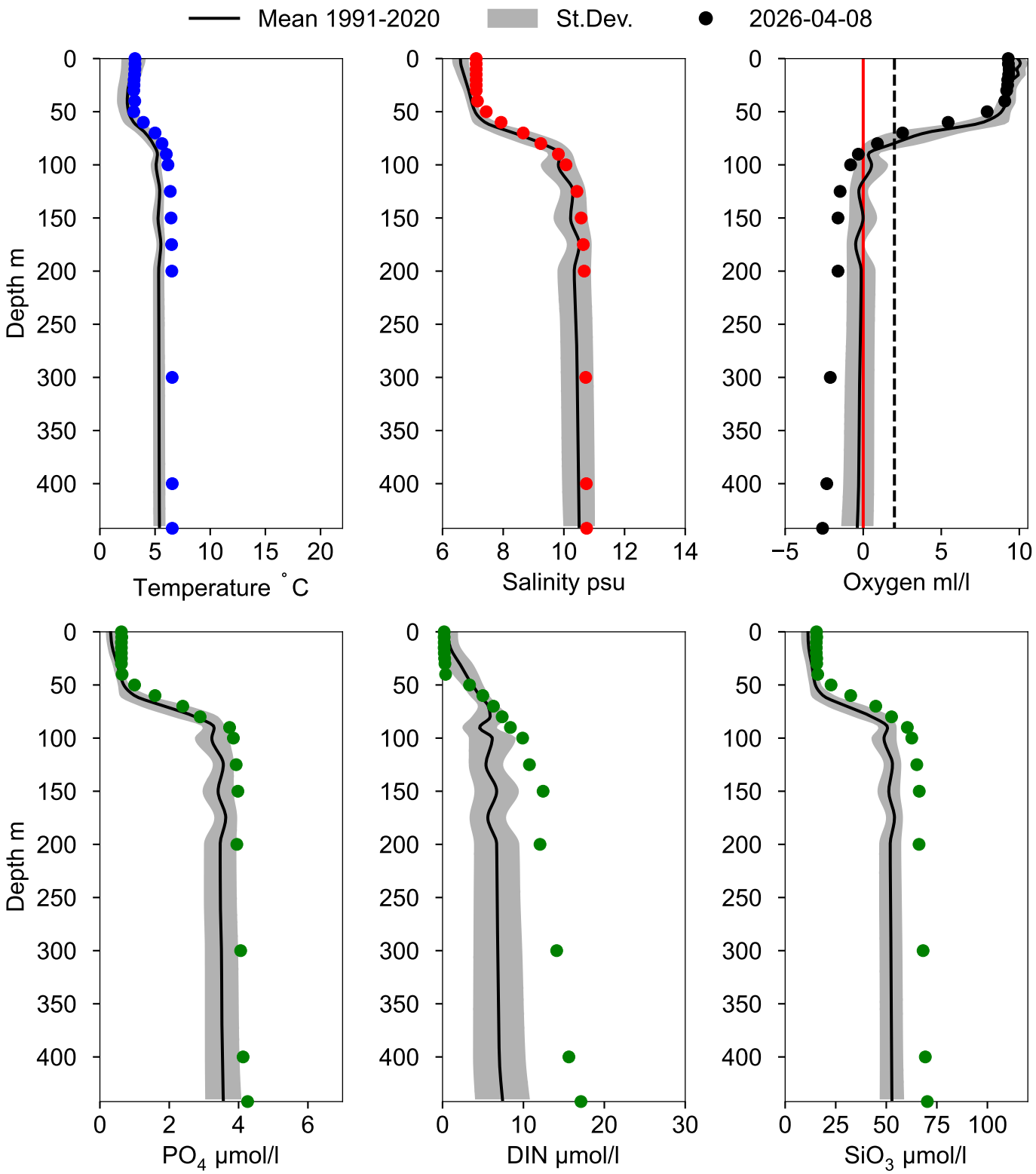
Annual Cycles



OXYGEN IN BOTTOM WATER (depth >= 419 m)

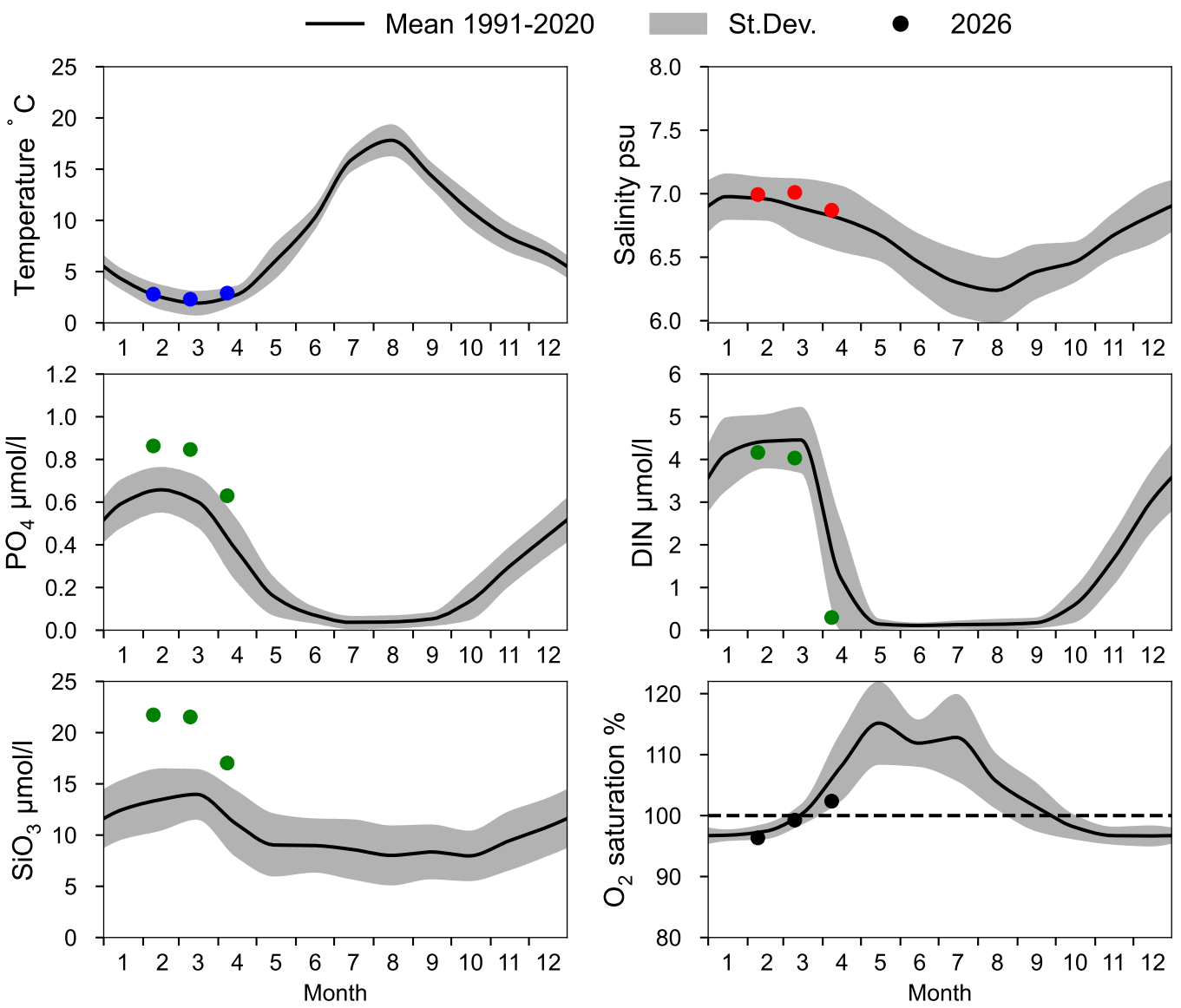


Vertical profiles BY31 LANDSORTSDJ
April

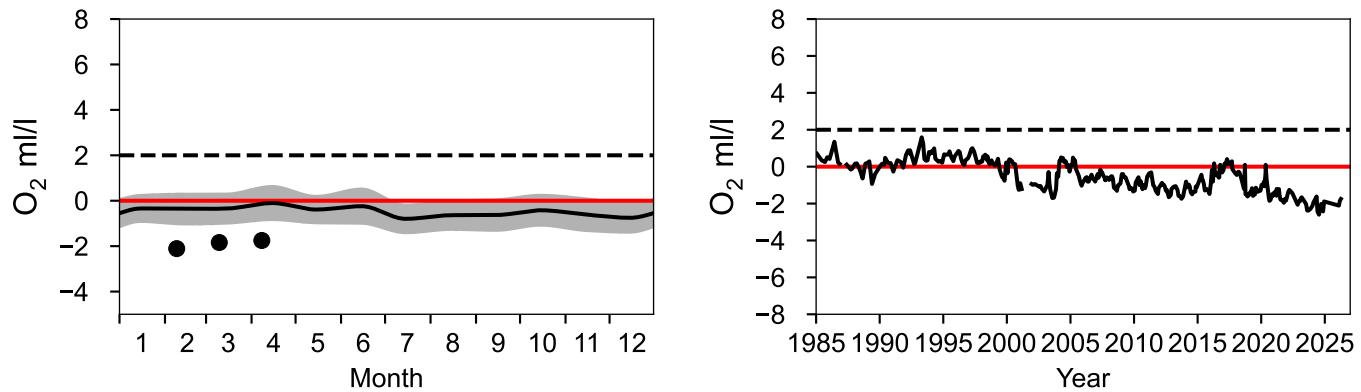


STATION BY29 / LL19 SURFACE WATER (0-10 m)

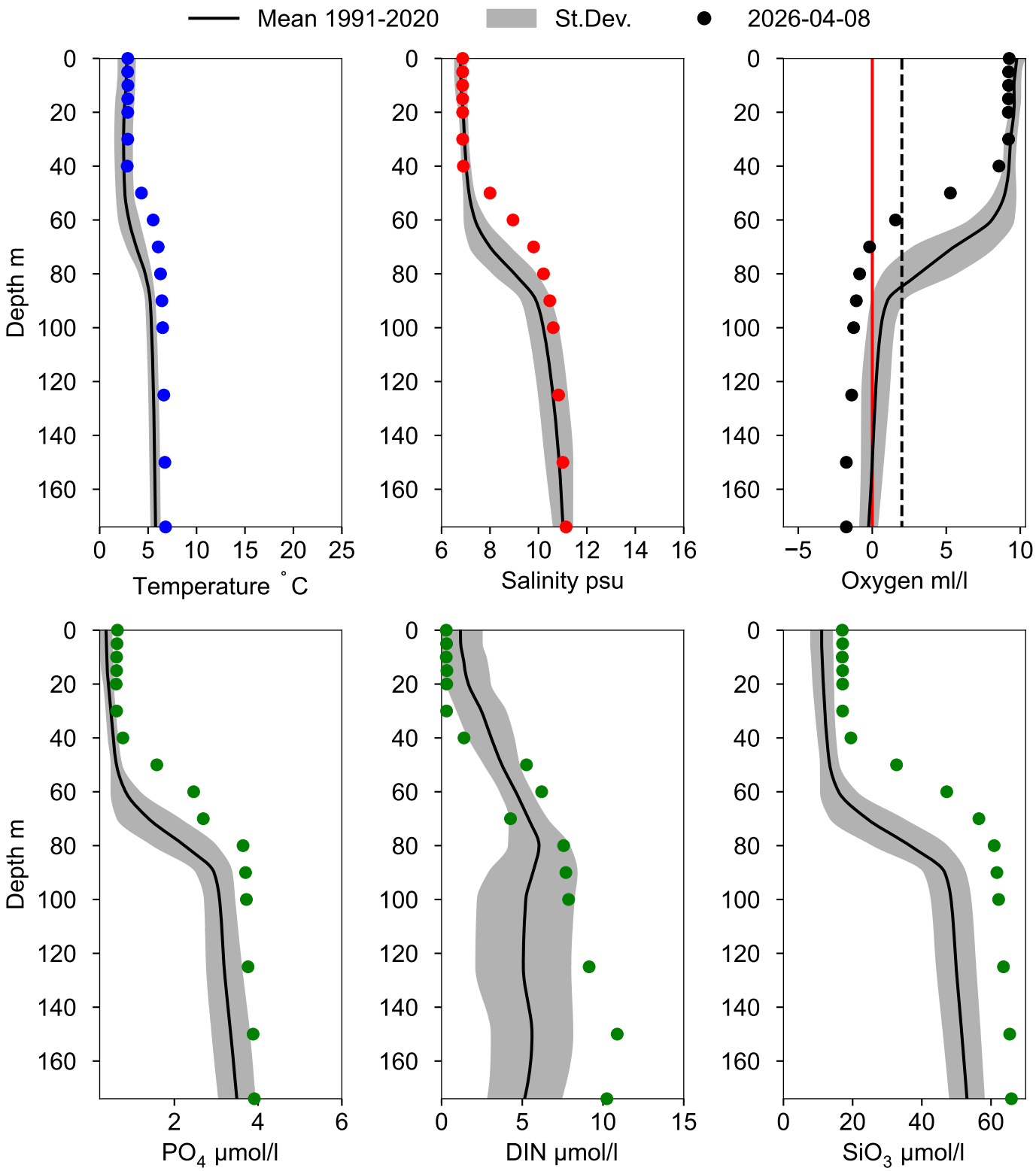
Annual Cycles



OXYGEN IN BOTTOM WATER (depth >= 150 m)

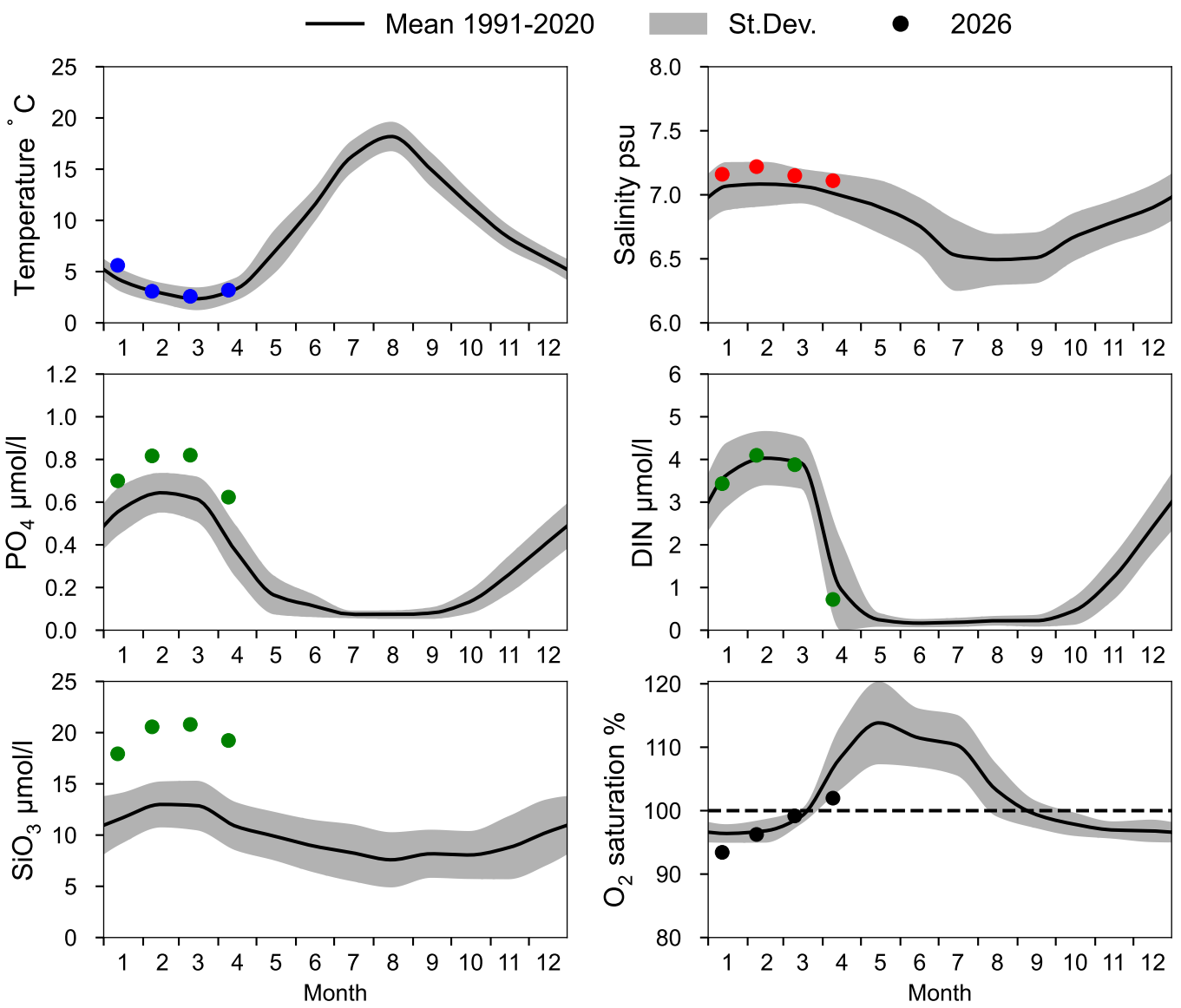


Vertical profiles BY29 / LL19
April

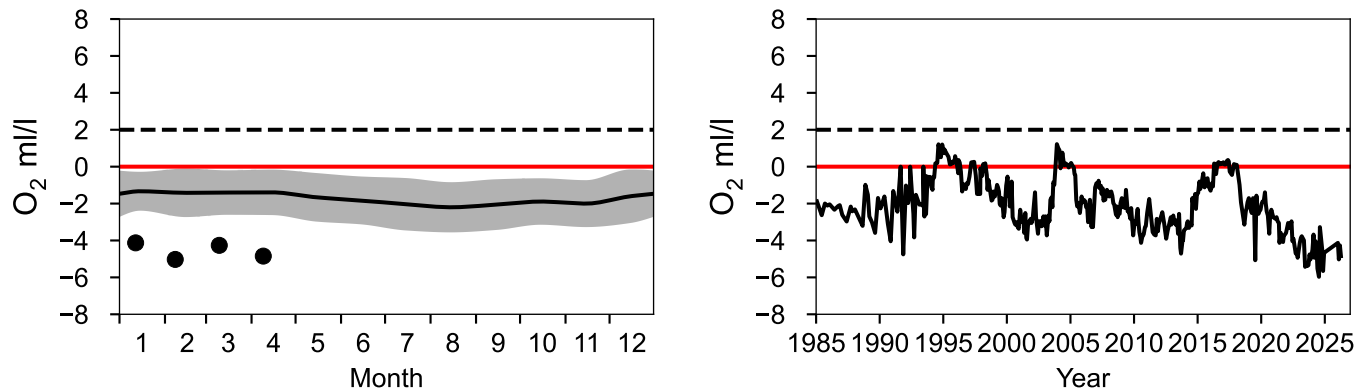


STATION BY20 FÅRÖDJ SURFACE WATER (0-10 m)

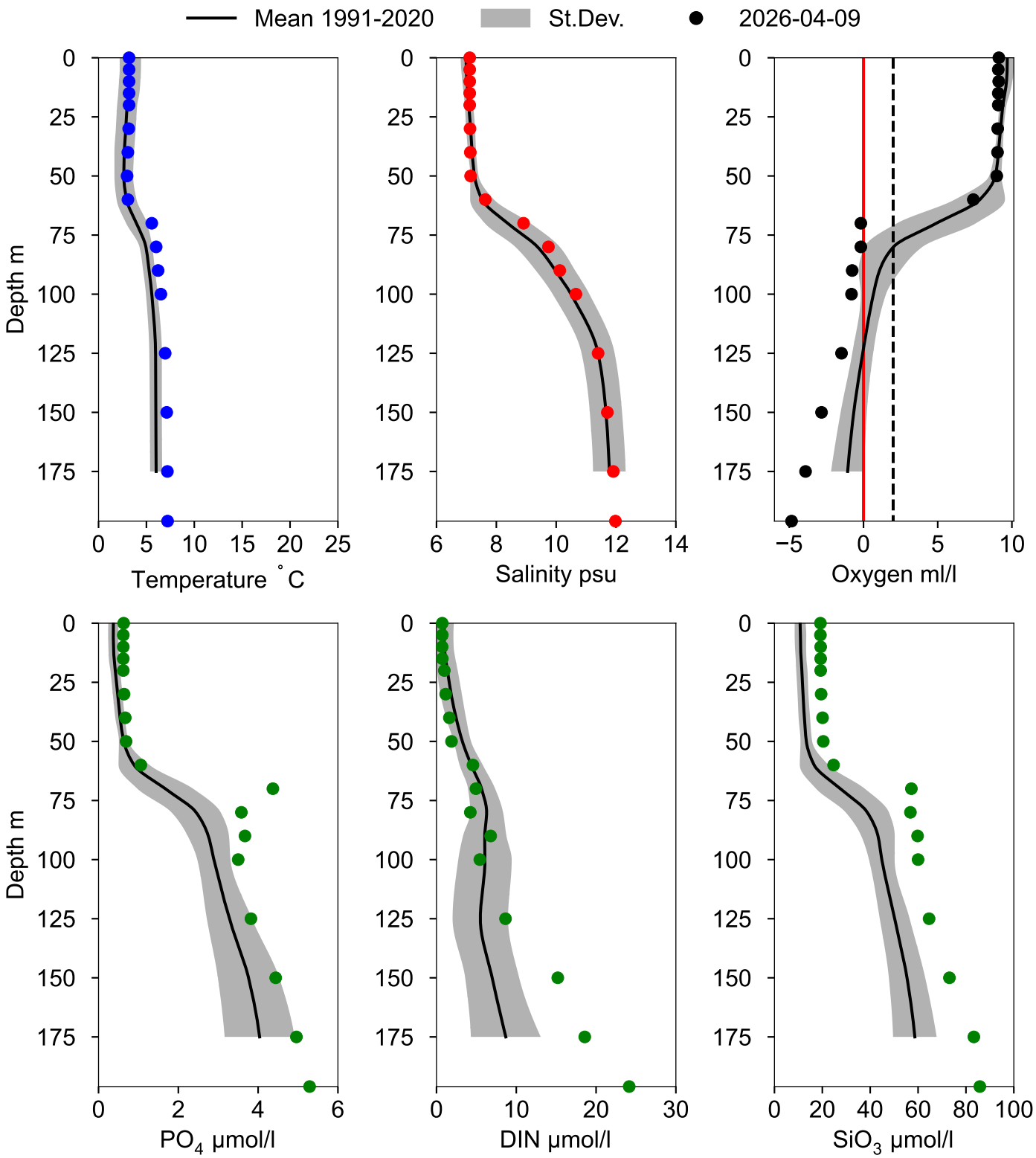
Annual Cycles



OXYGEN IN BOTTOM WATER (depth >= 175 m)

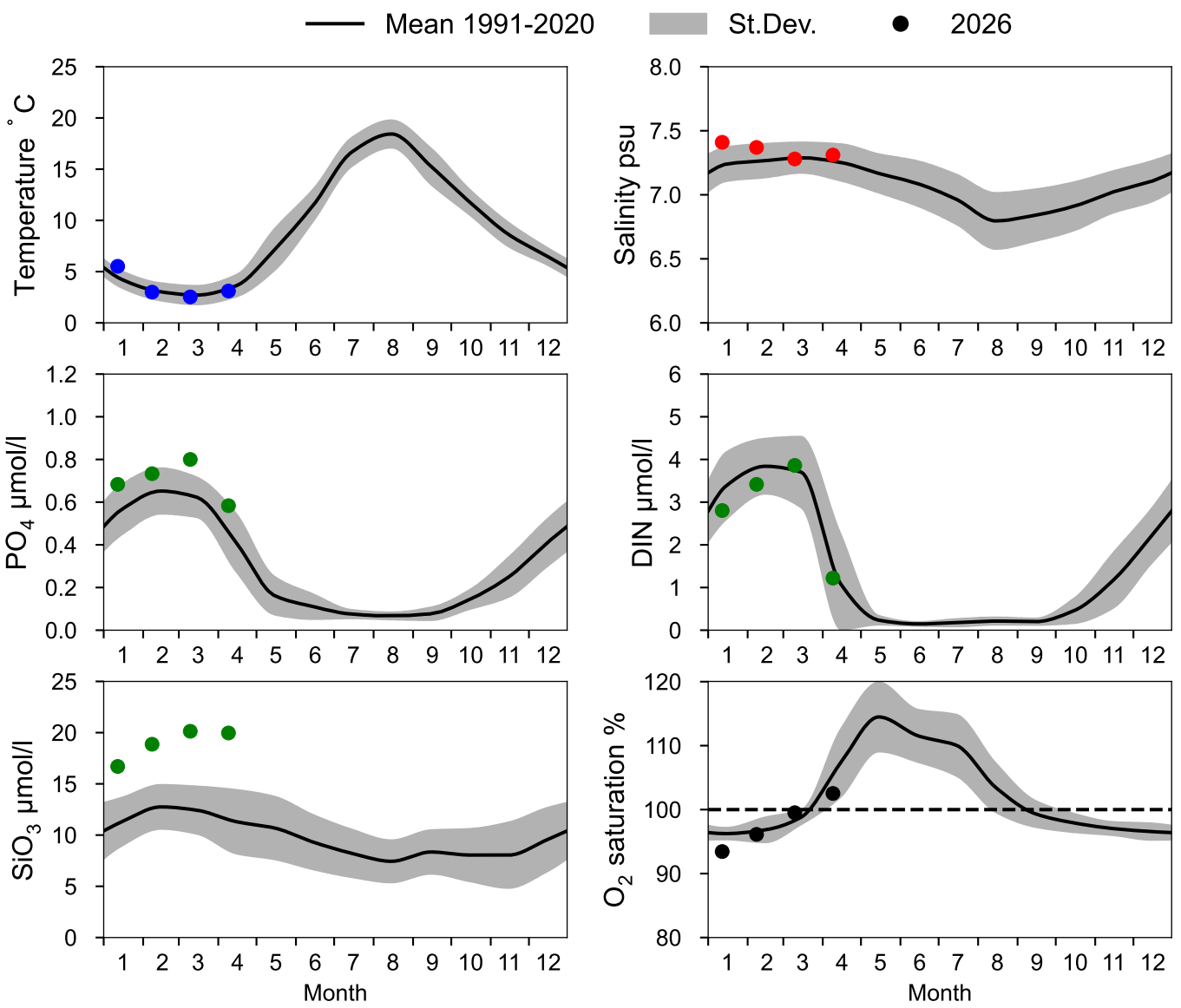


Vertical profiles BY20 FÅRÖDJ
April

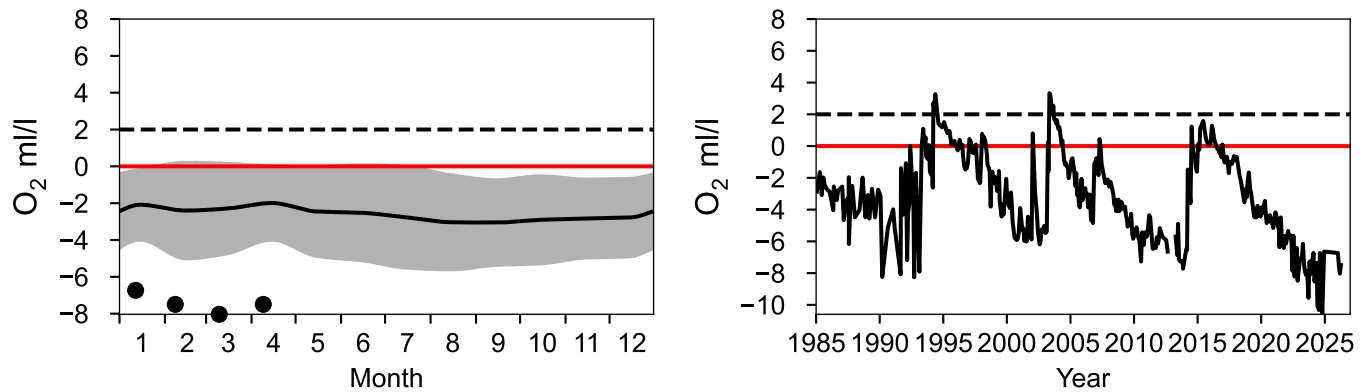


STATION BY15 GOTLANDSDJ SURFACE WATER (0-10 m)

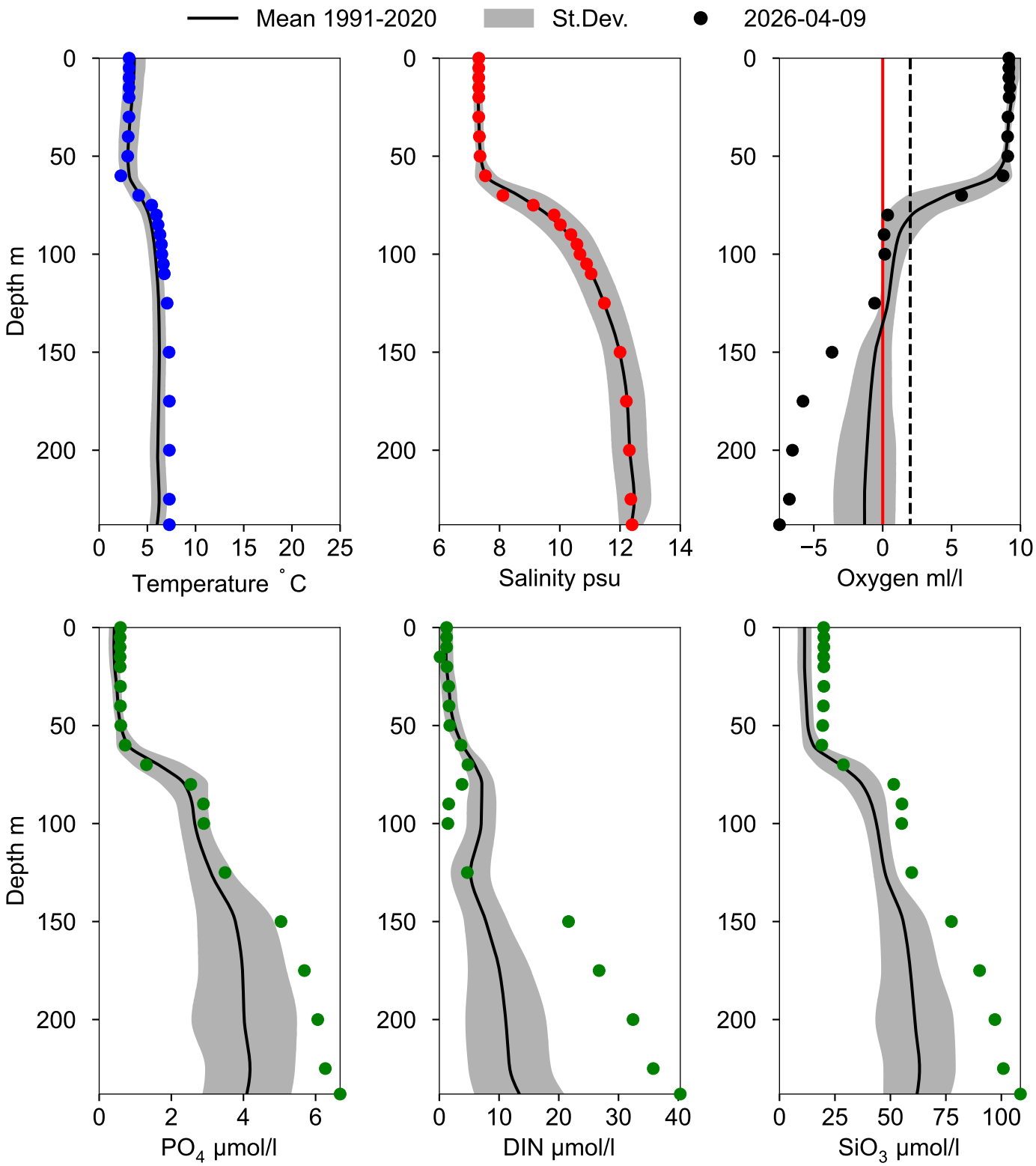
Annual Cycles



OXYGEN IN BOTTOM WATER (depth >= 225 m)

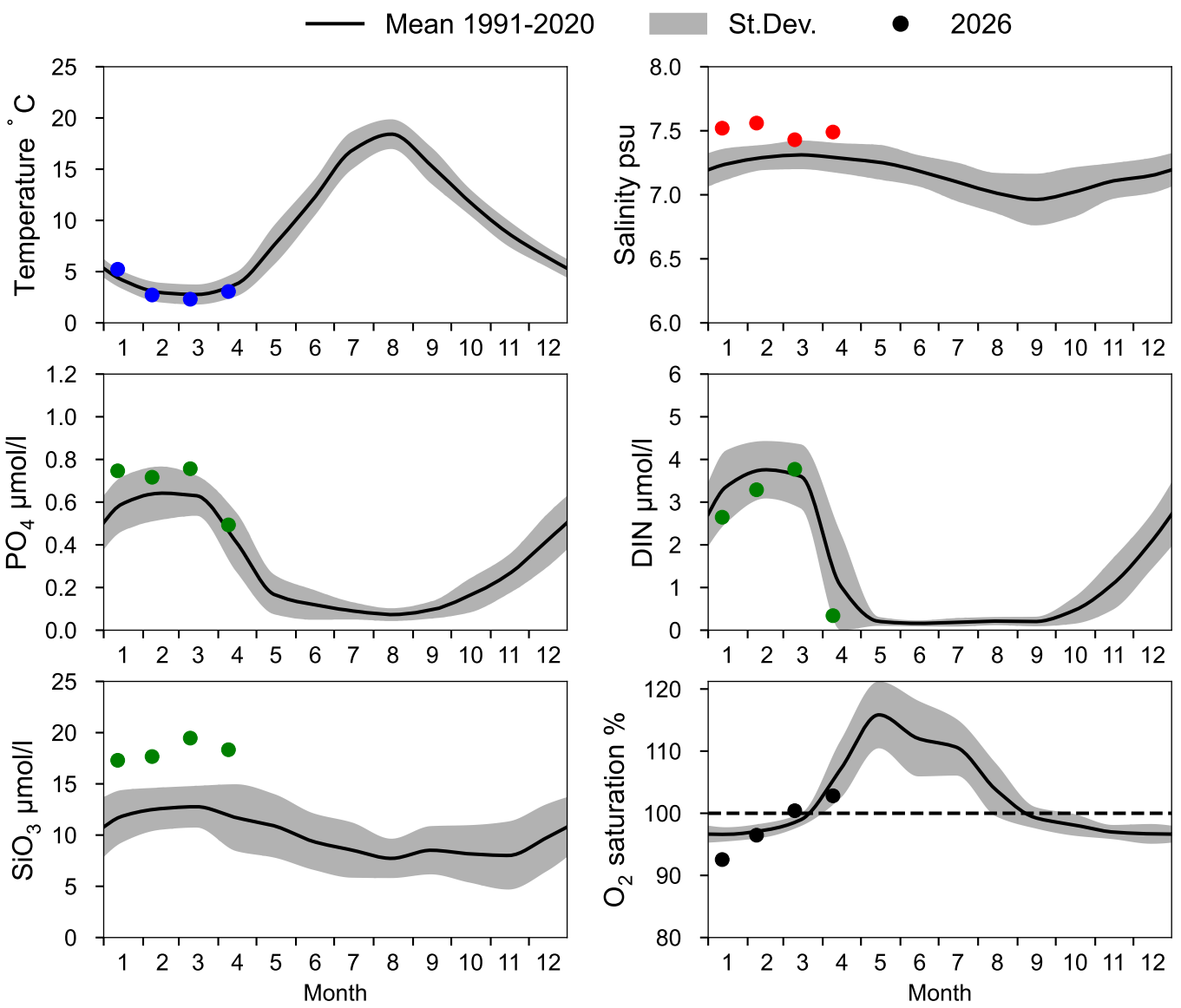


Vertical profiles BY15 GOTLANDSDJ
April

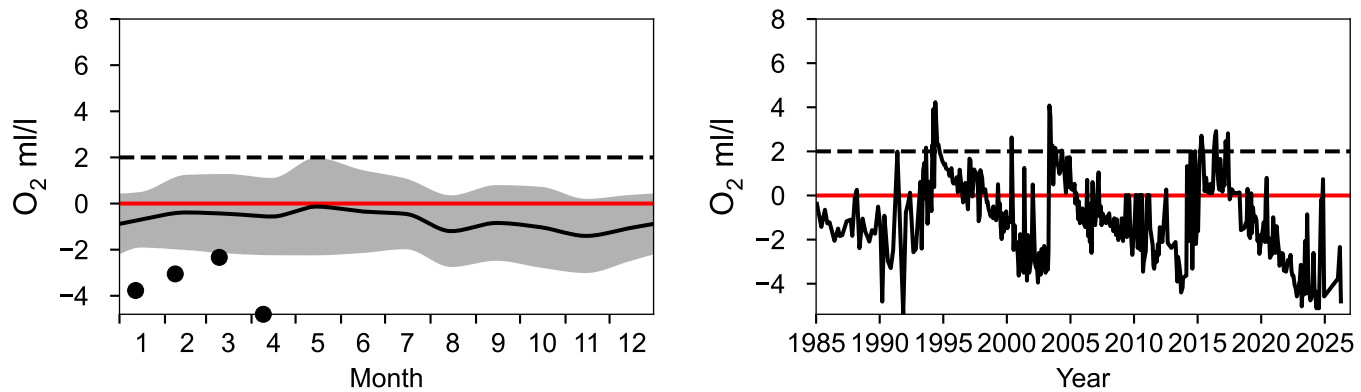


STATION BY10 SURFACE WATER (0-10 m)

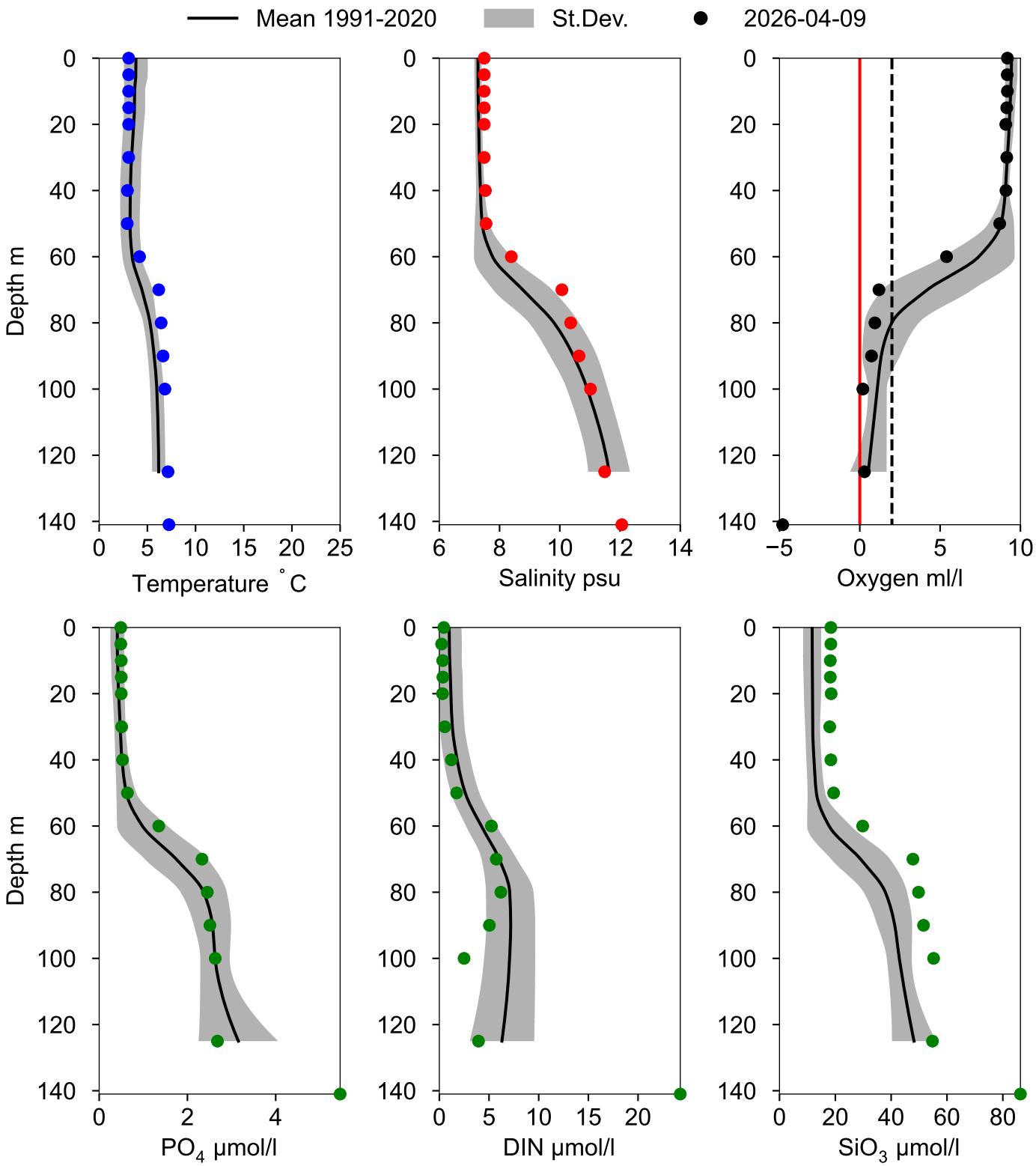
Annual Cycles



OXYGEN IN BOTTOM WATER (depth >= 125 m)

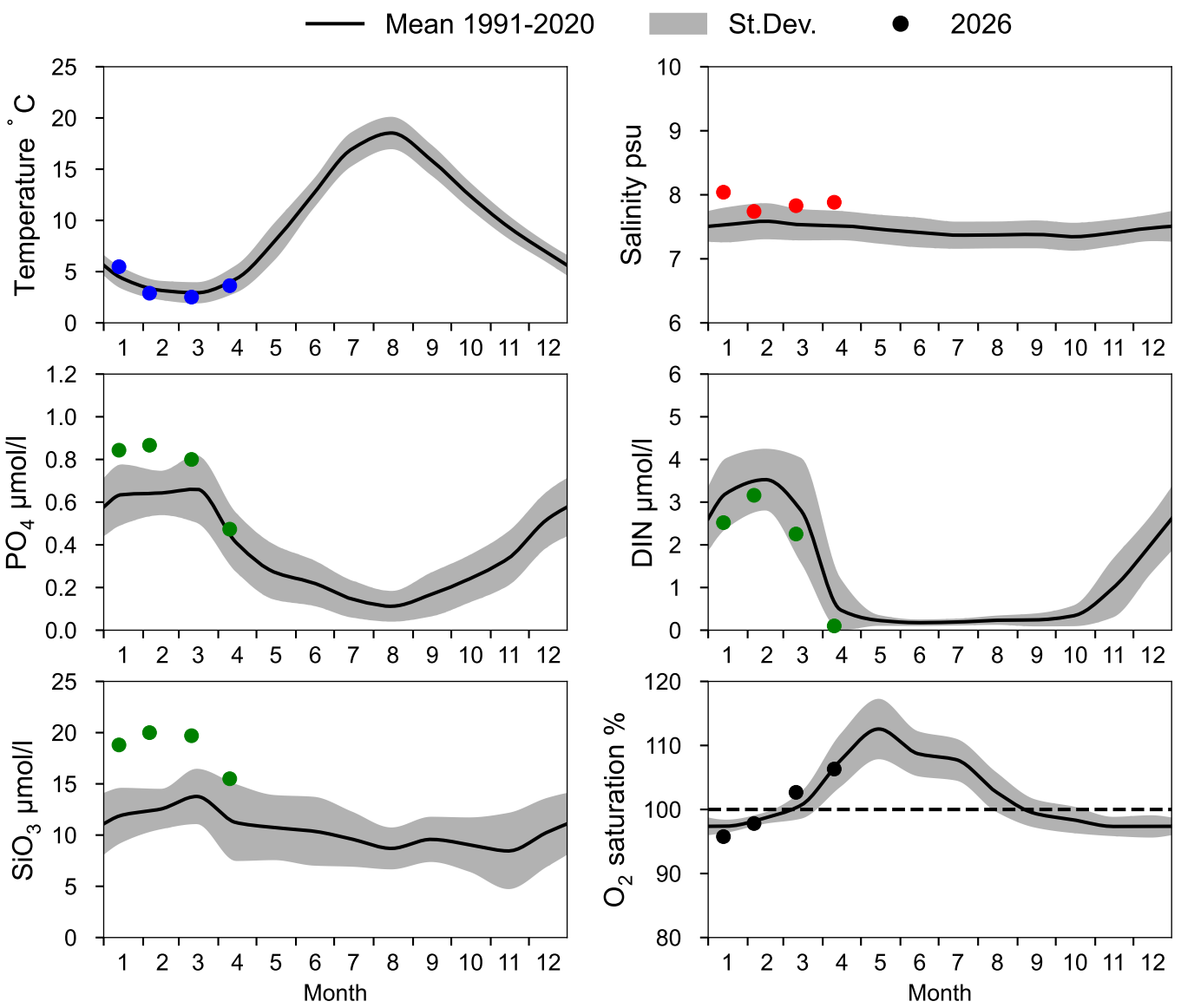


Vertical profiles BY10
April

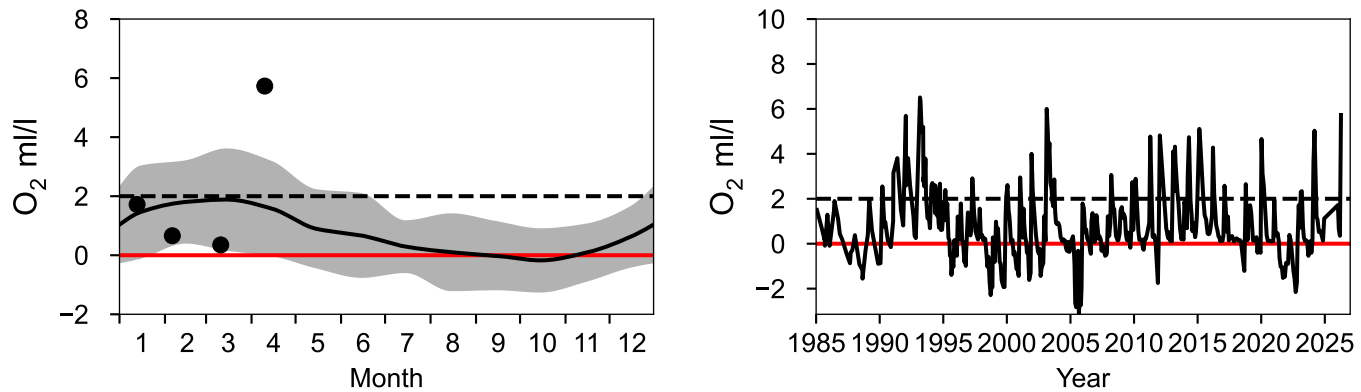


STATION BY5 BORNHOLMSDJ SURFACE WATER (0-10 m)

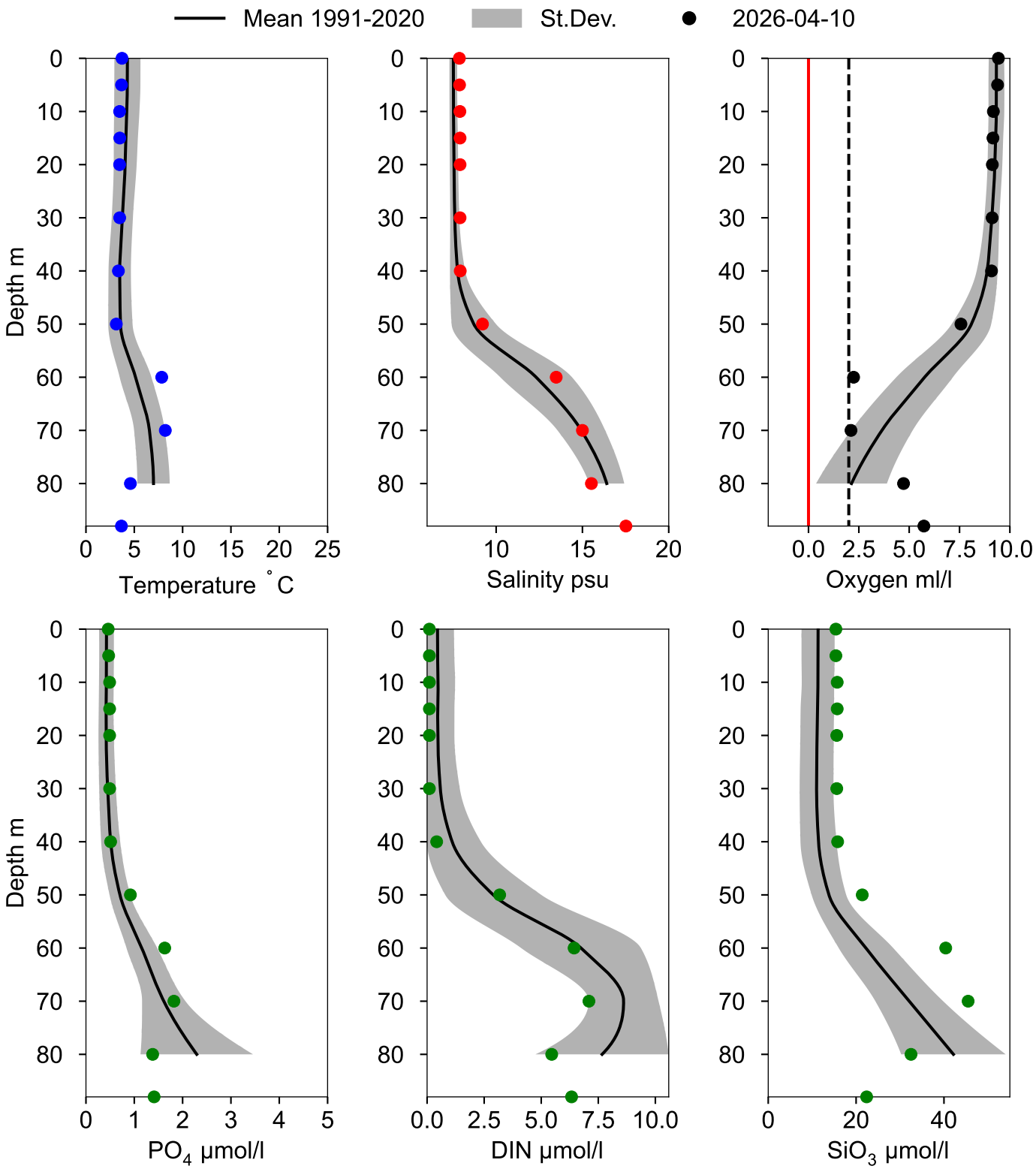
Annual Cycles



OXYGEN IN BOTTOM WATER (depth >= 80 m)

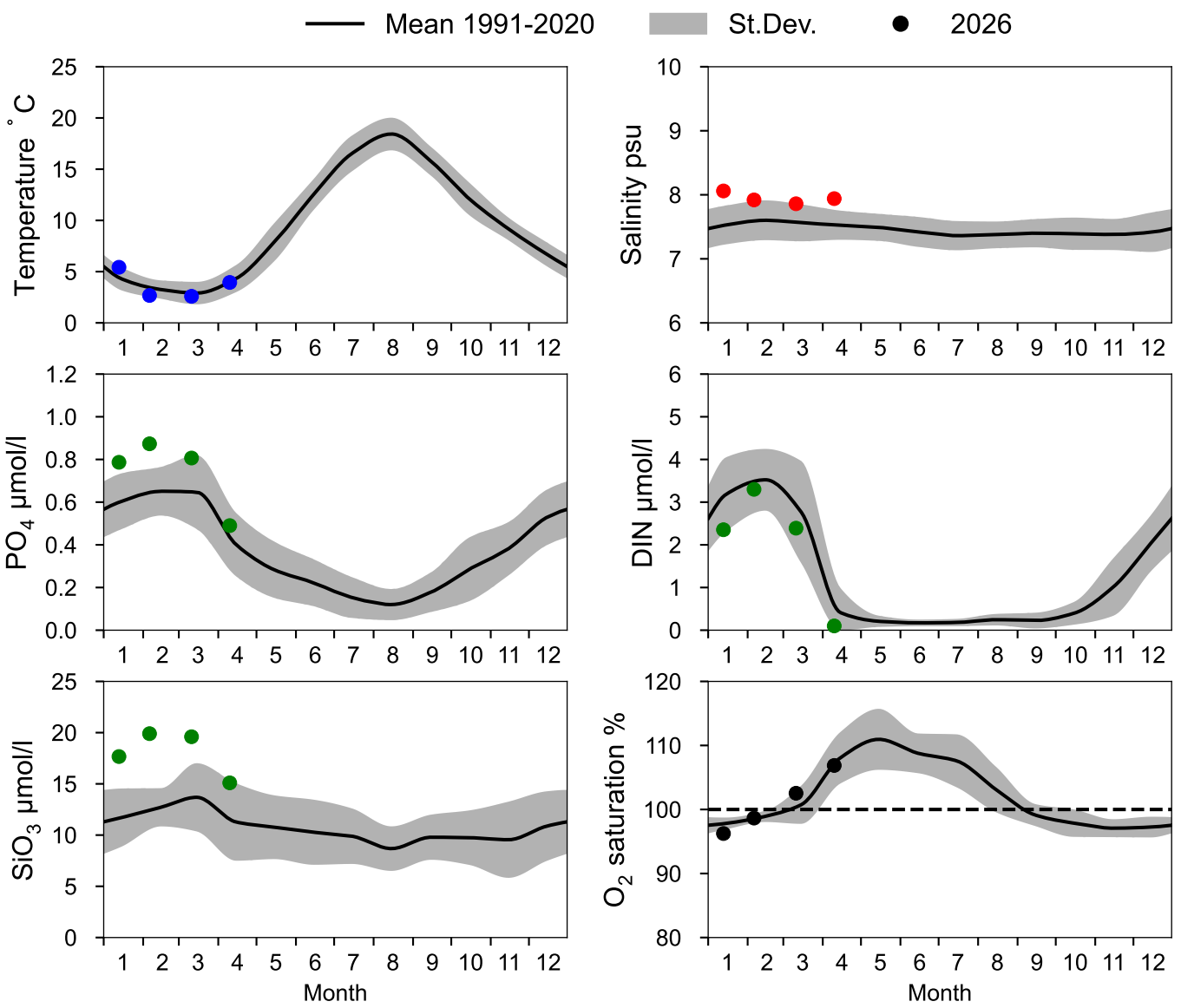


Vertical profiles BY5 BORNHOLMSDJ
April

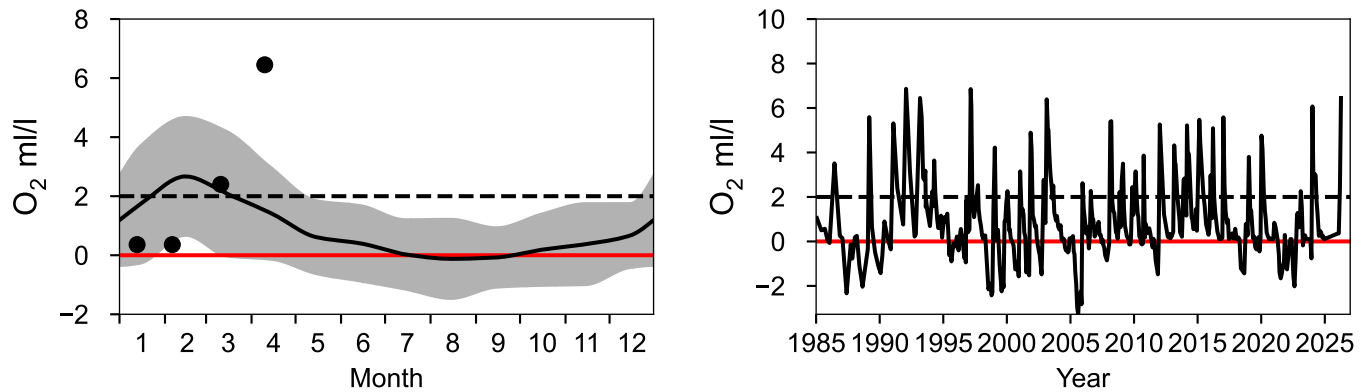


STATION BY4 CHRISTIANSÖ SURFACE WATER (0-10 m)

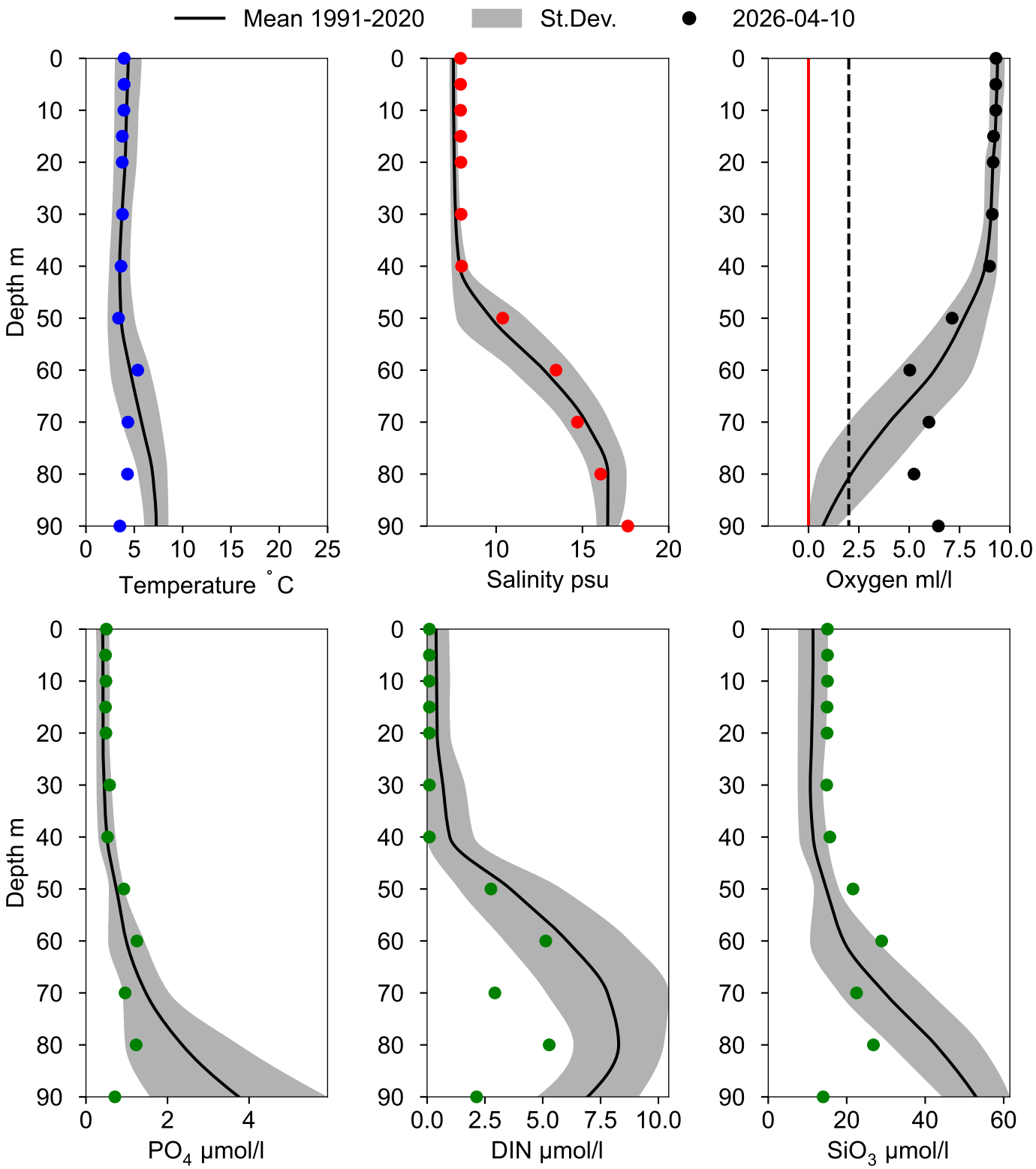
Annual Cycles



OXYGEN IN BOTTOM WATER (depth >= 80 m)

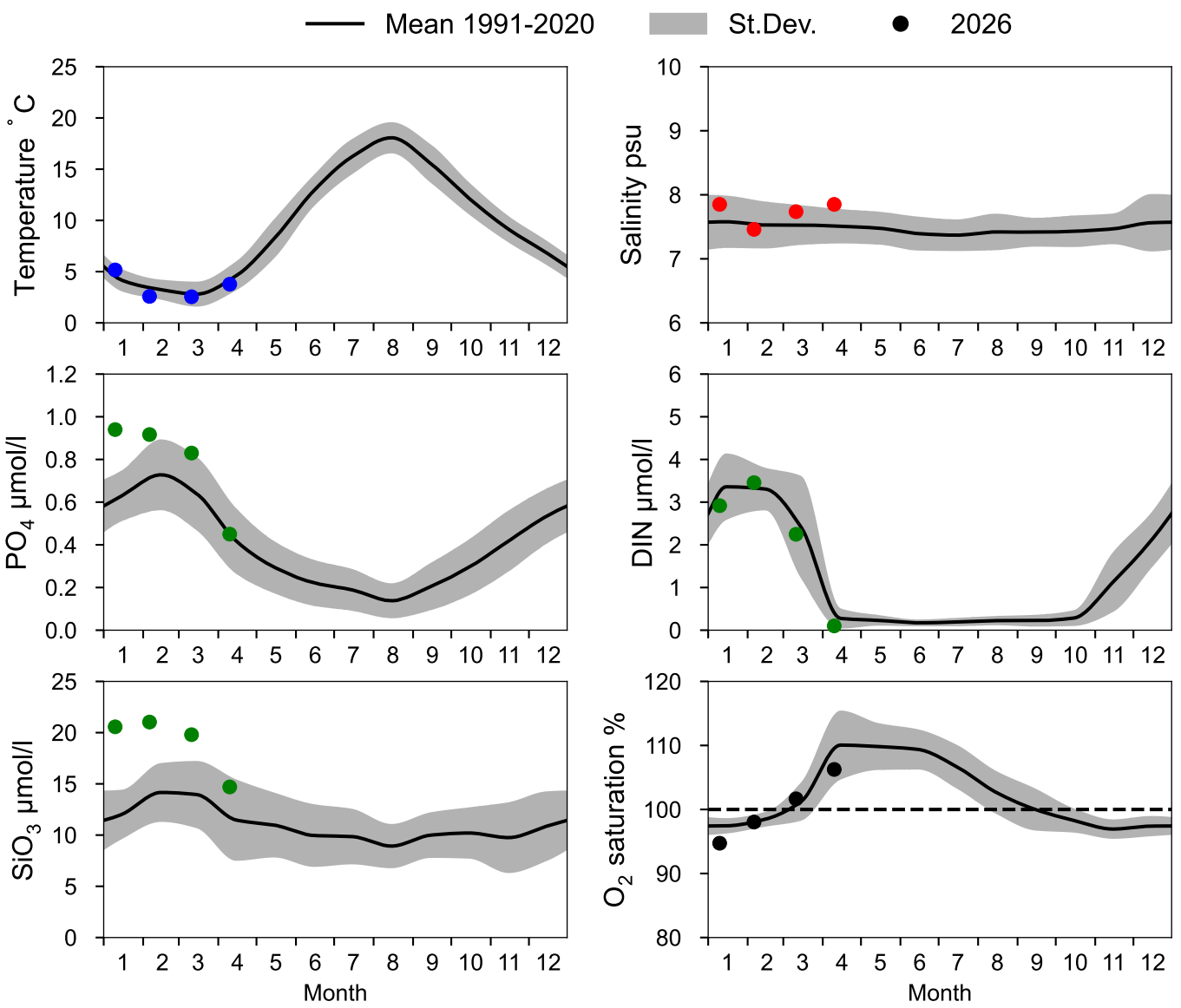


Vertical profiles BY4 CHRISTIANSÖ
April

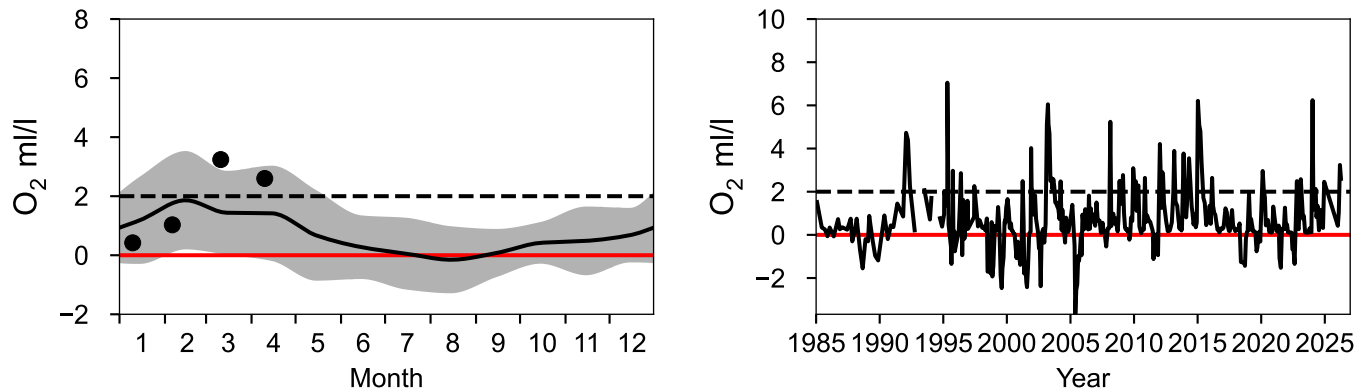


STATION HANÖBUKTEN SURFACE WATER (0-10 m)

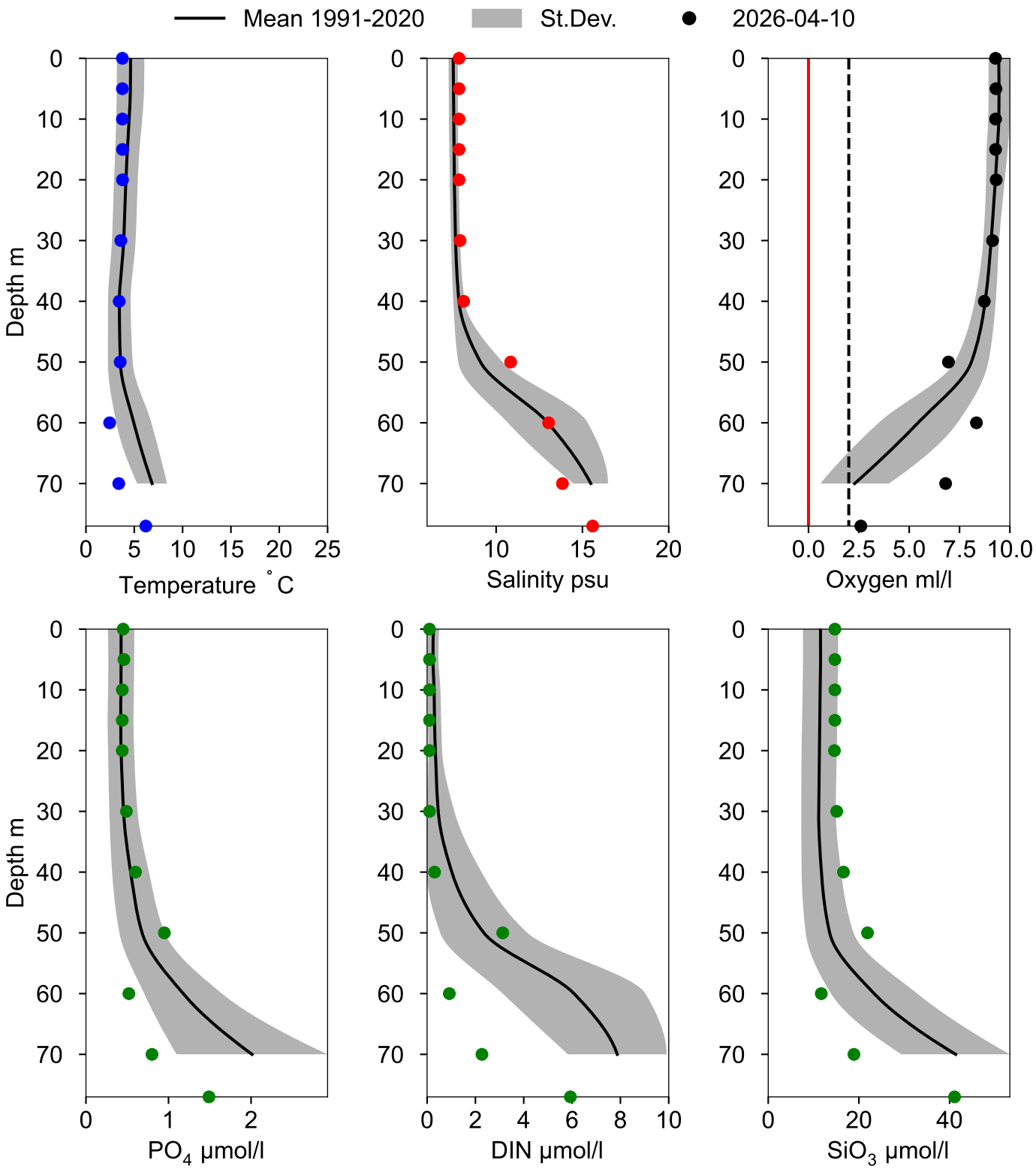
Annual Cycles



OXYGEN IN BOTTOM WATER (depth >= 70 m)

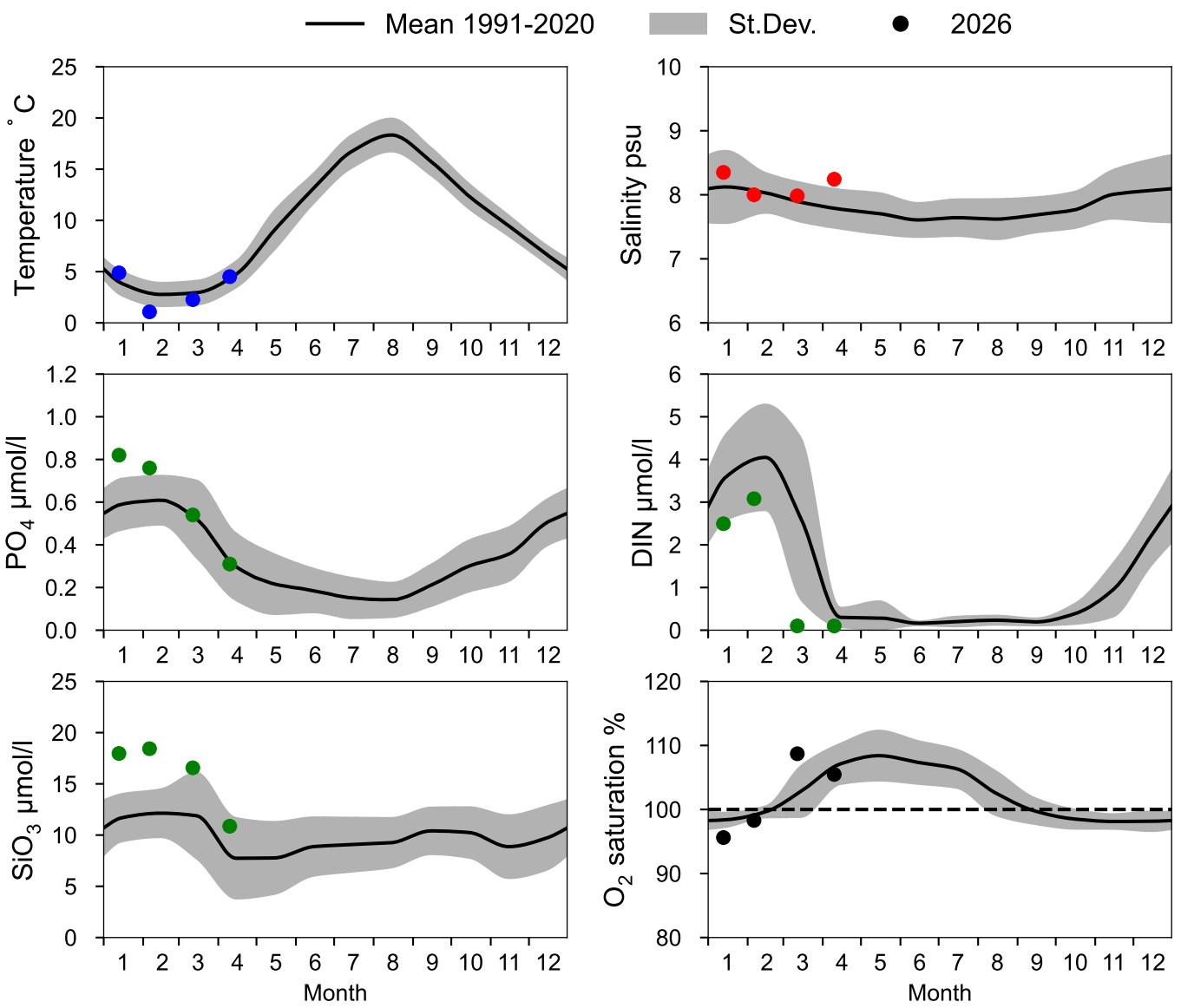


Vertical profiles HANÖBUKTEN
April

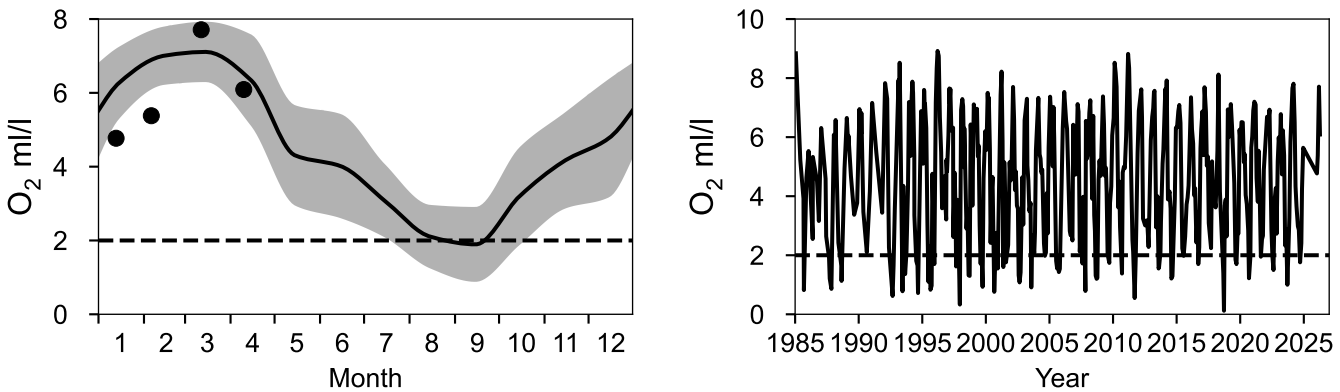


STATION BY2 ARKONA SURFACE WATER (0-10 m)

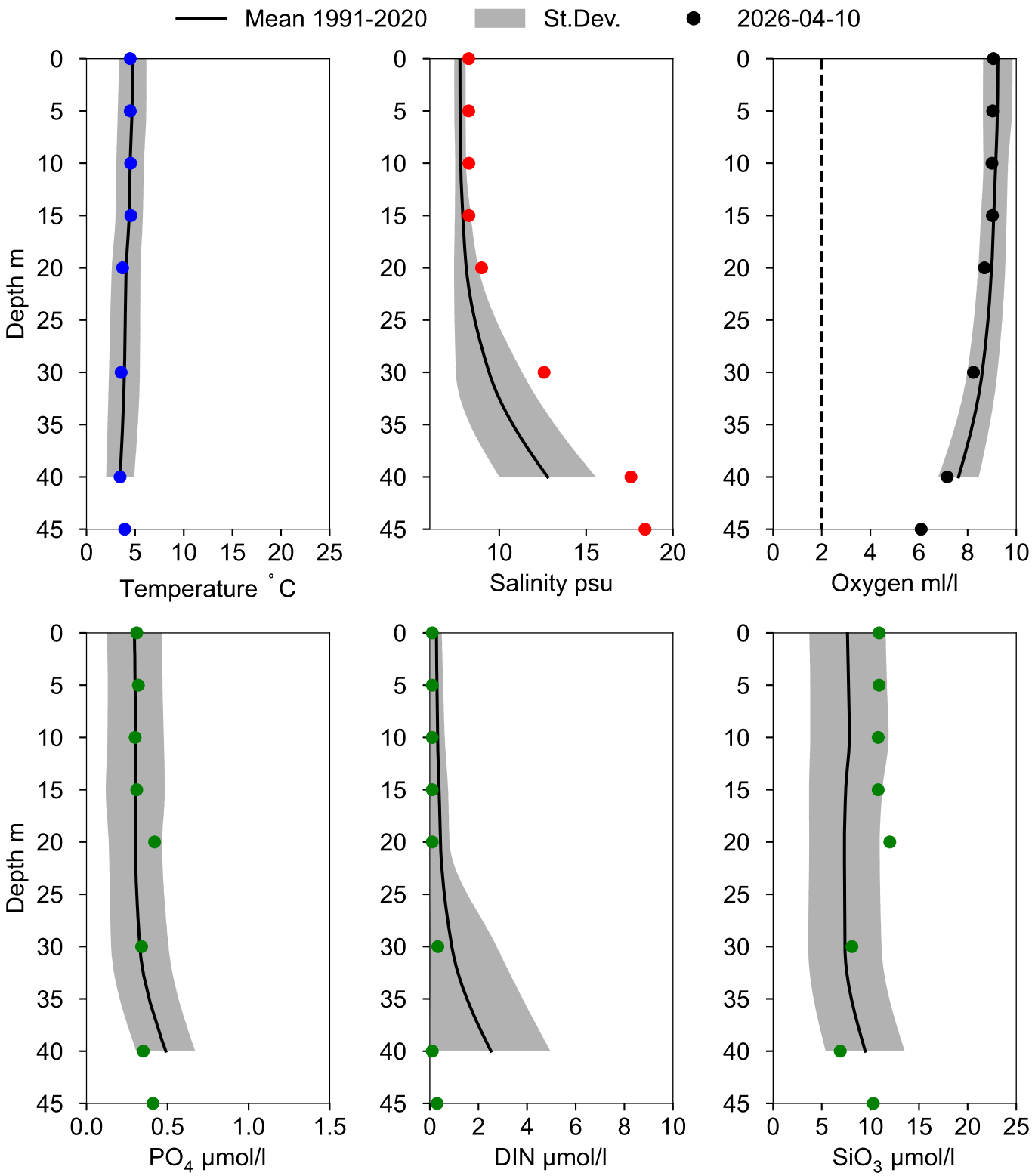
Annual Cycles



OXYGEN IN BOTTOM WATER (depth >= 40 m)

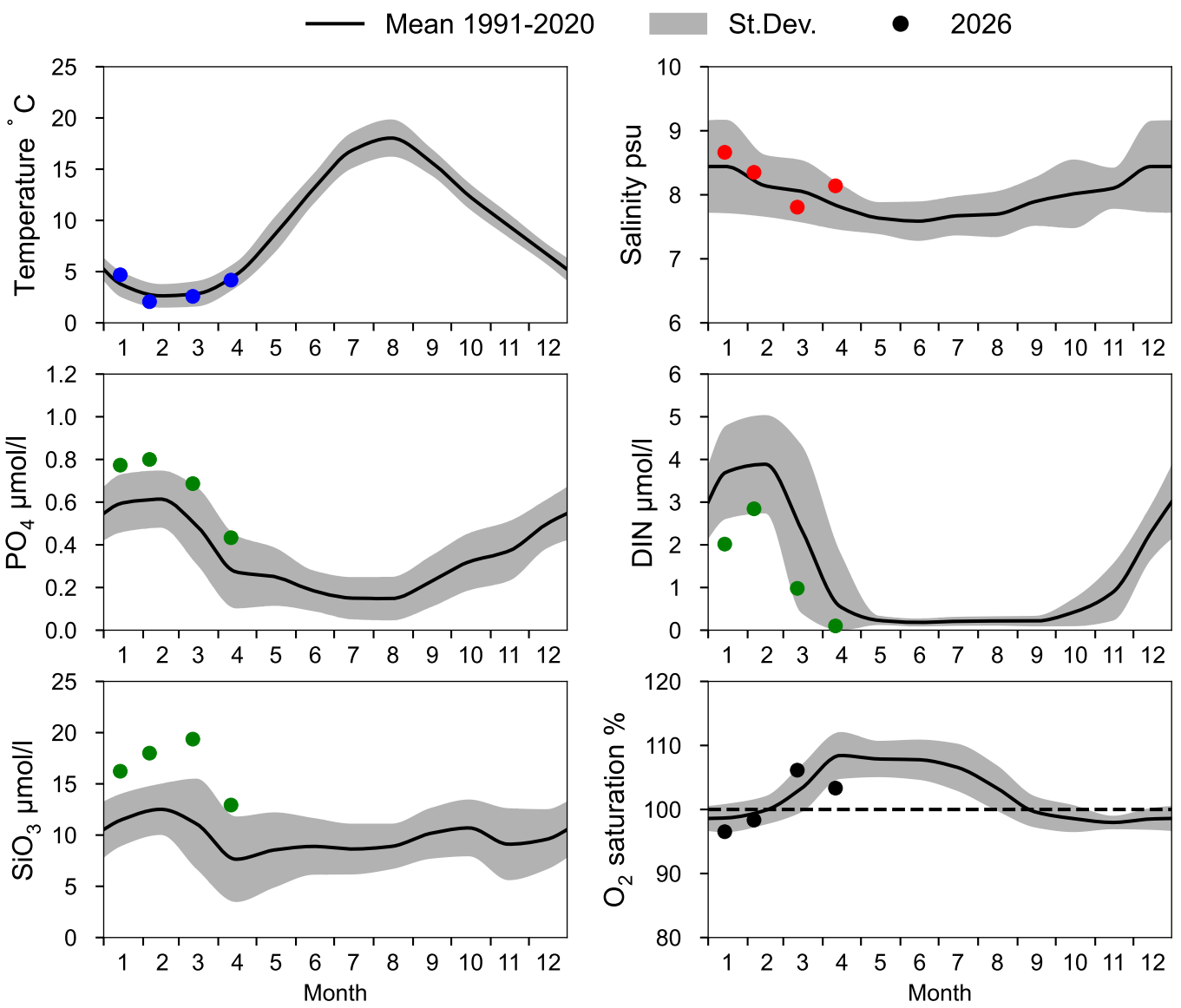


Vertical profiles BY2 ARKONA
April

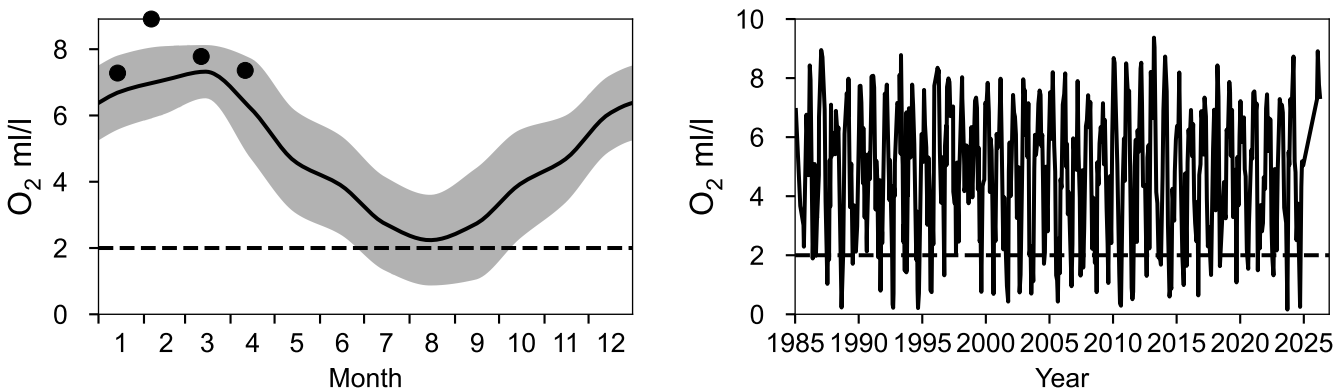


STATION BY1 SURFACE WATER (0-10 m)

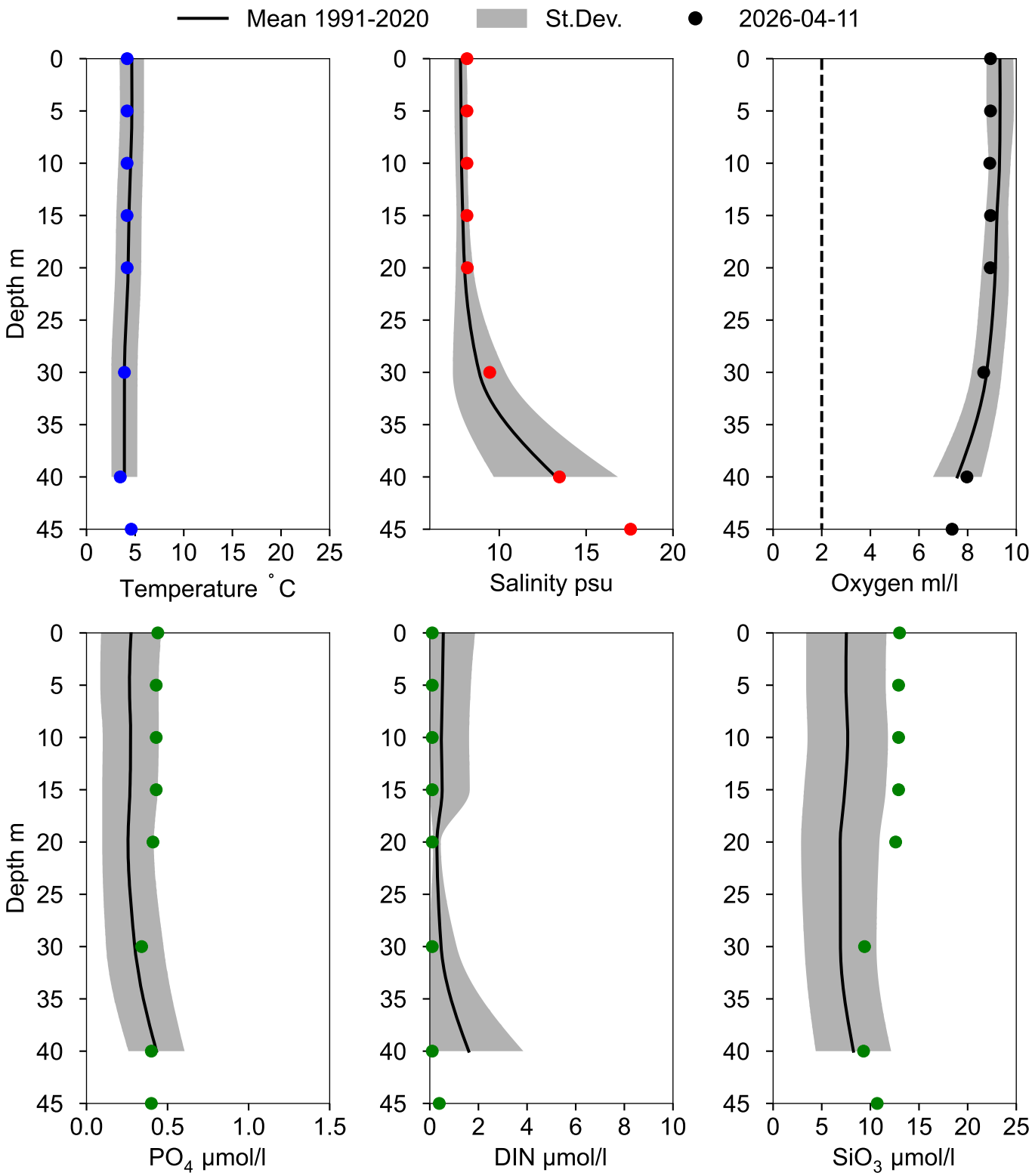
Annual Cycles



OXYGEN IN BOTTOM WATER (depth >= 39 m)

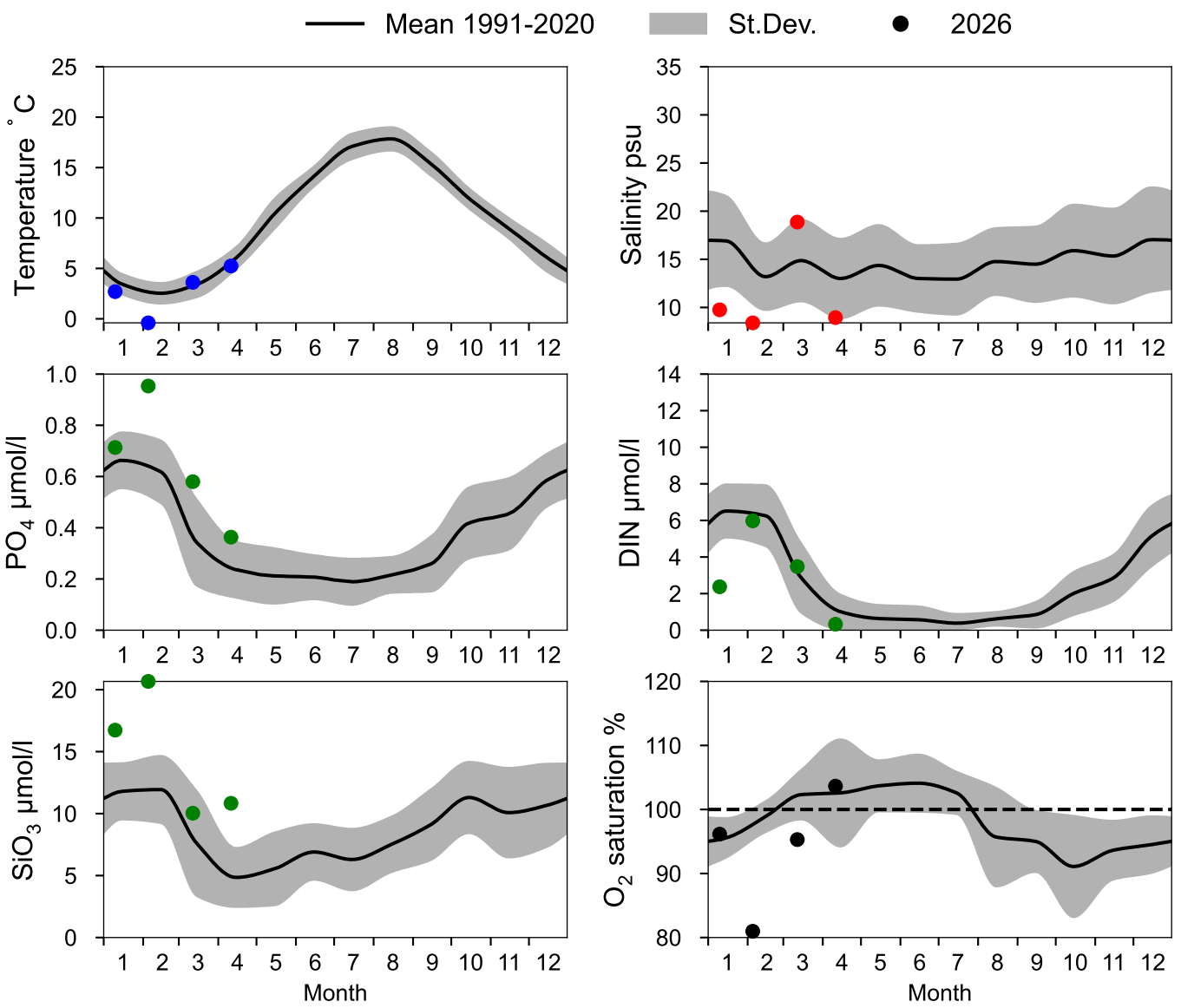


Vertical profiles BY1
April

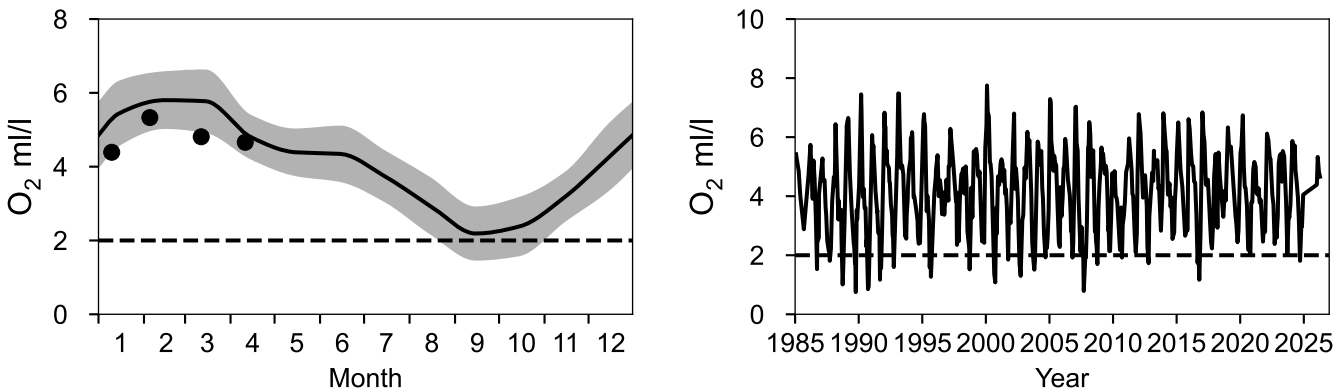


STATION W LANDSKRONA SURFACE WATER (0-10 m)

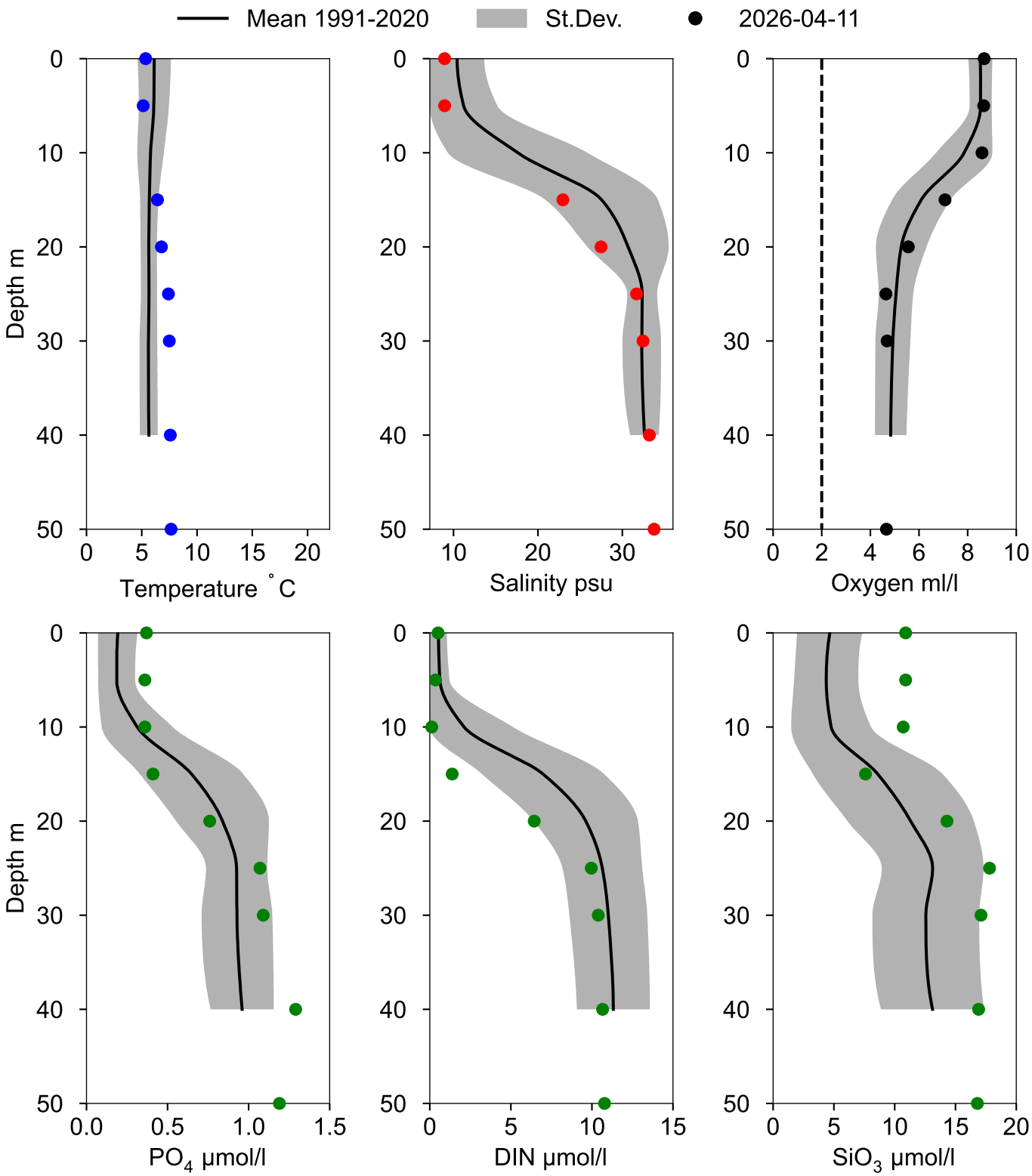
Annual Cycles



OXYGEN IN BOTTOM WATER (depth >= 40 m)

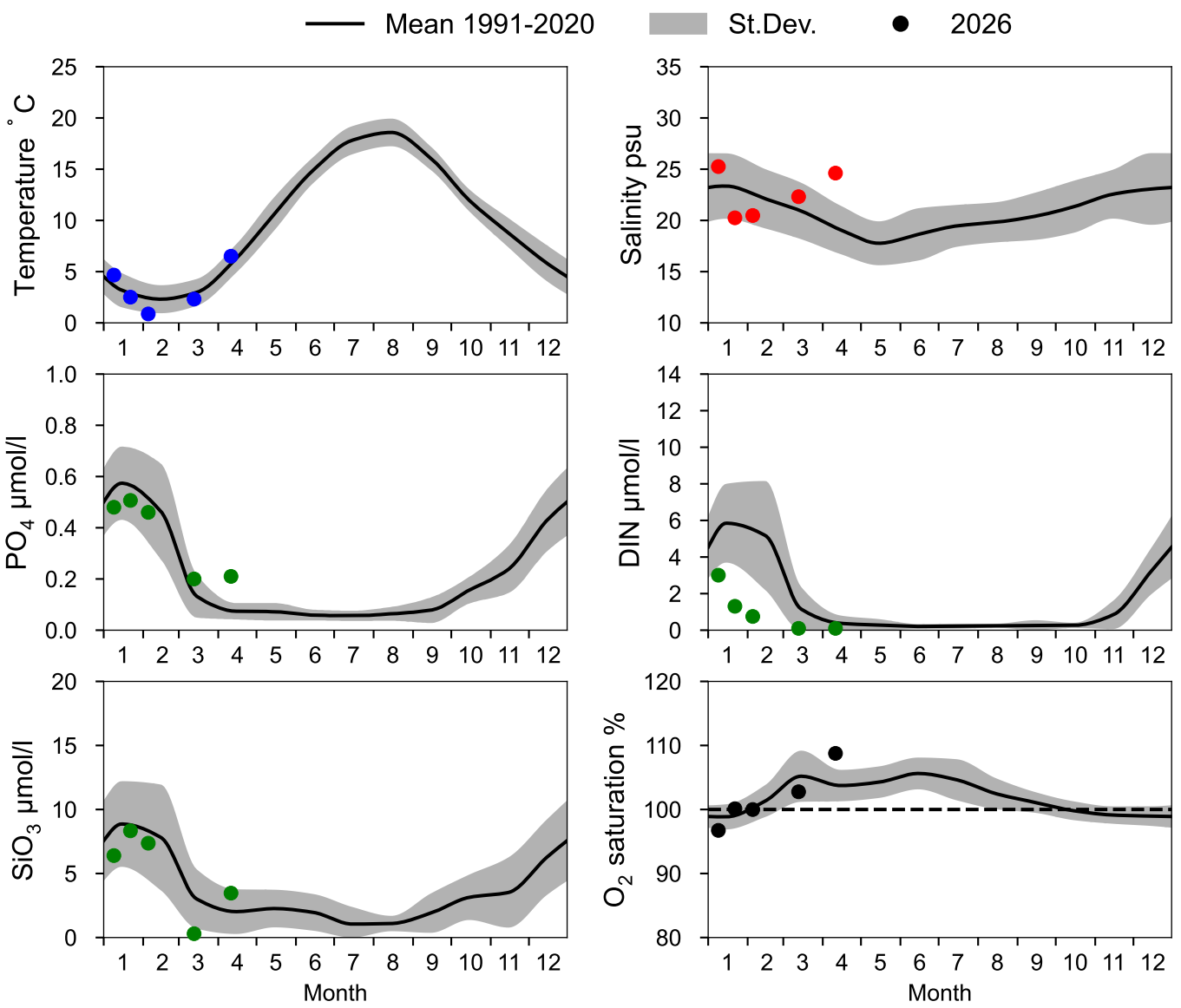


Vertical profiles W LANDSKRONA
April

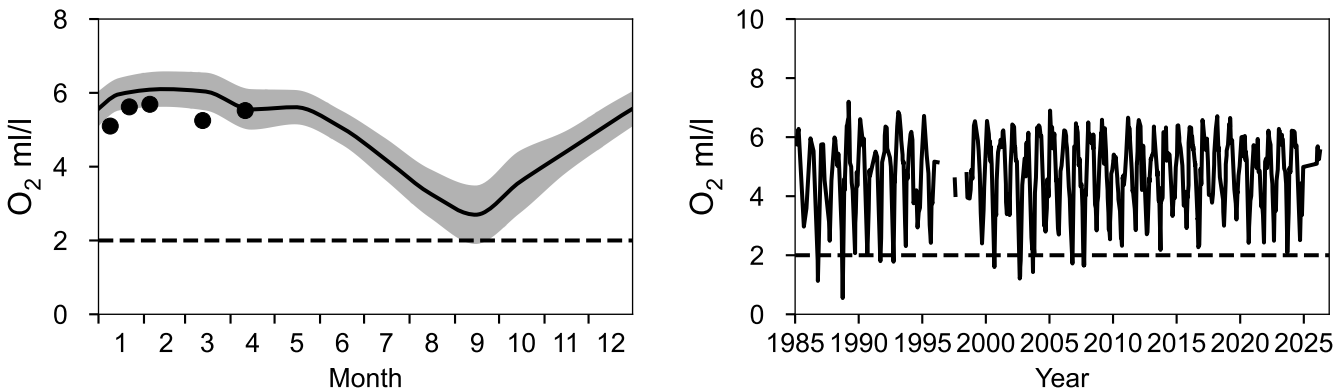


STATION ANHOLT E SURFACE WATER (0-10 m)

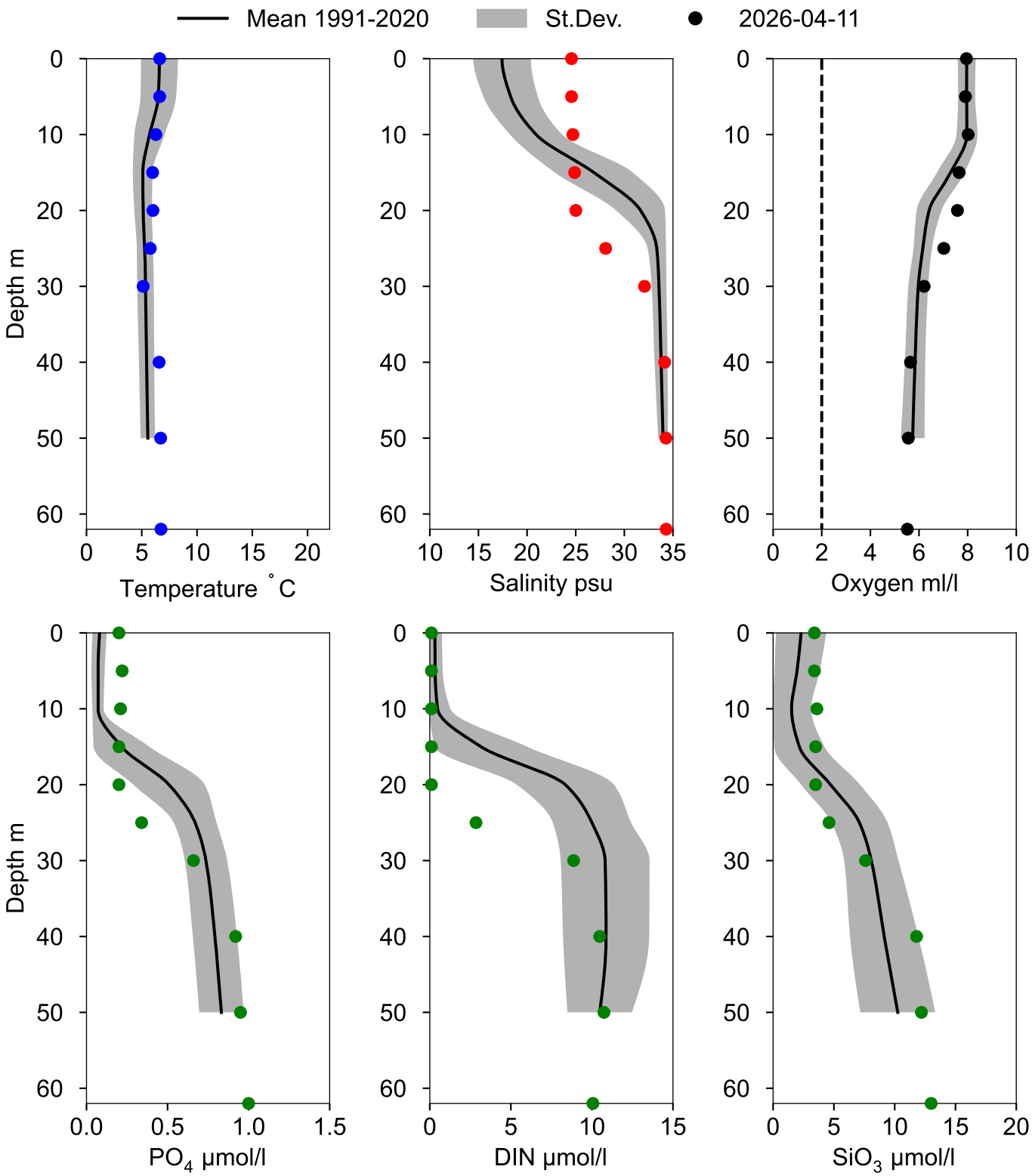
Annual Cycles



OXYGEN IN BOTTOM WATER (depth >= 52 m)

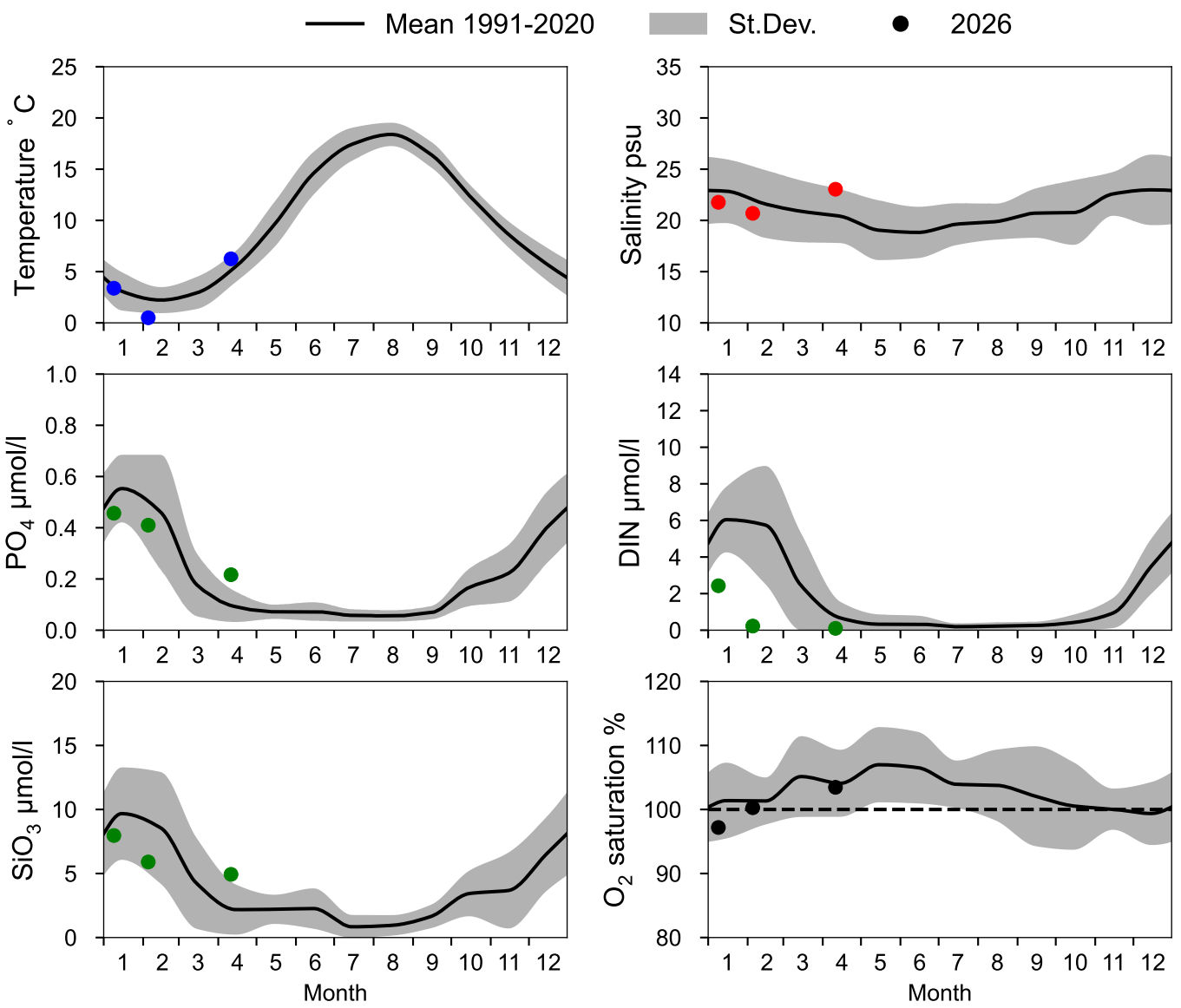


Vertical profiles ANHOLT E
April

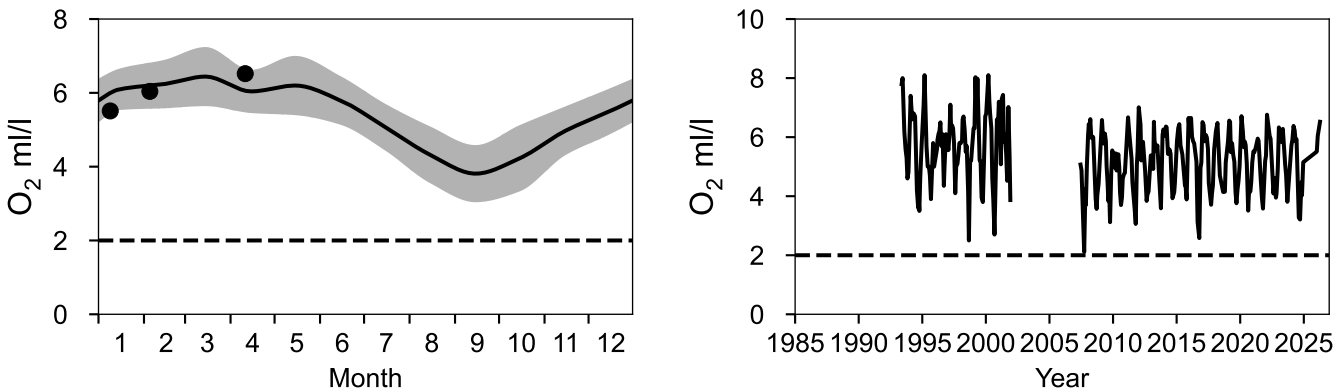


STATION N14 FALKENBERG SURFACE WATER (0-10 m)

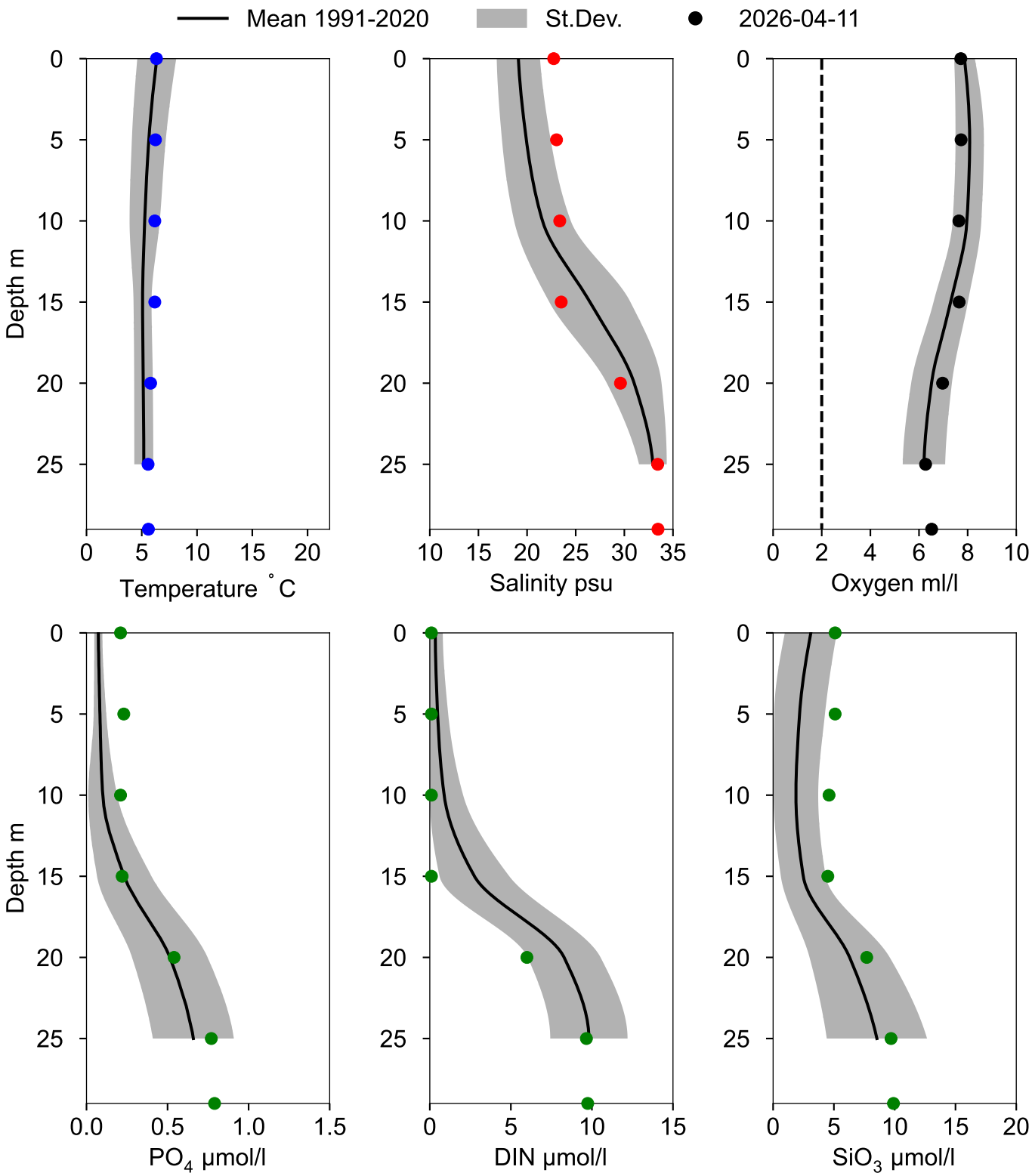
Annual Cycles



OXYGEN IN BOTTOM WATER (depth >= 25 m)

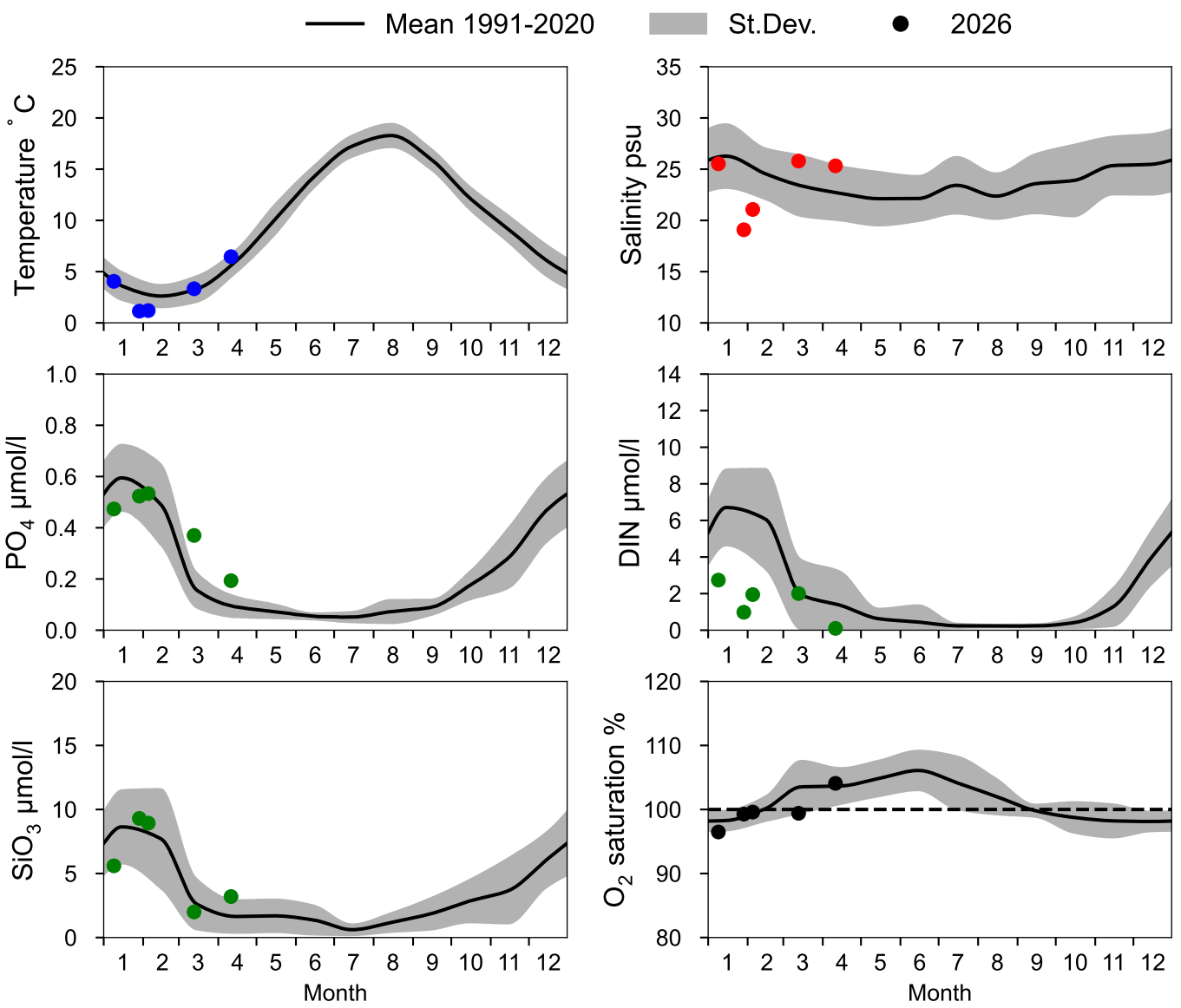


Vertical profiles N14 FALKENBERG
April

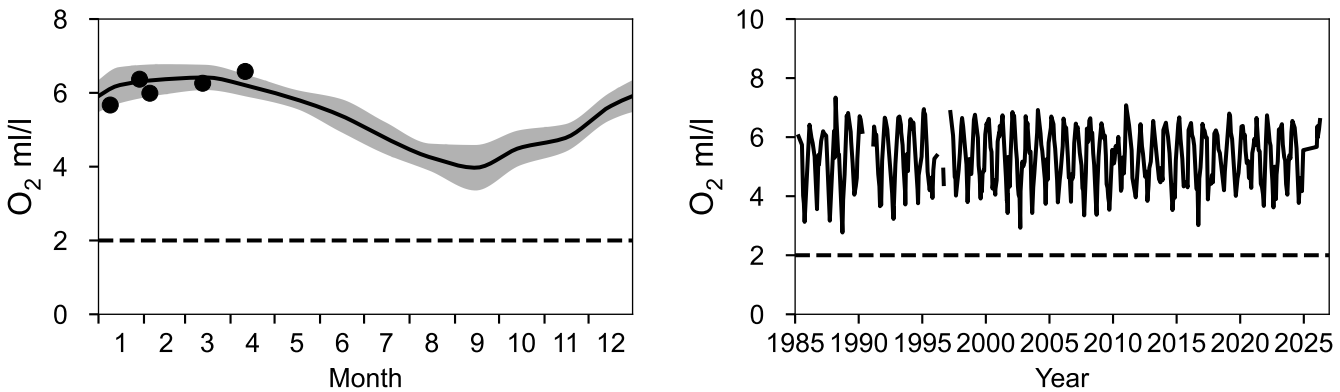


STATION FLADEN SURFACE WATER (0-10 m)

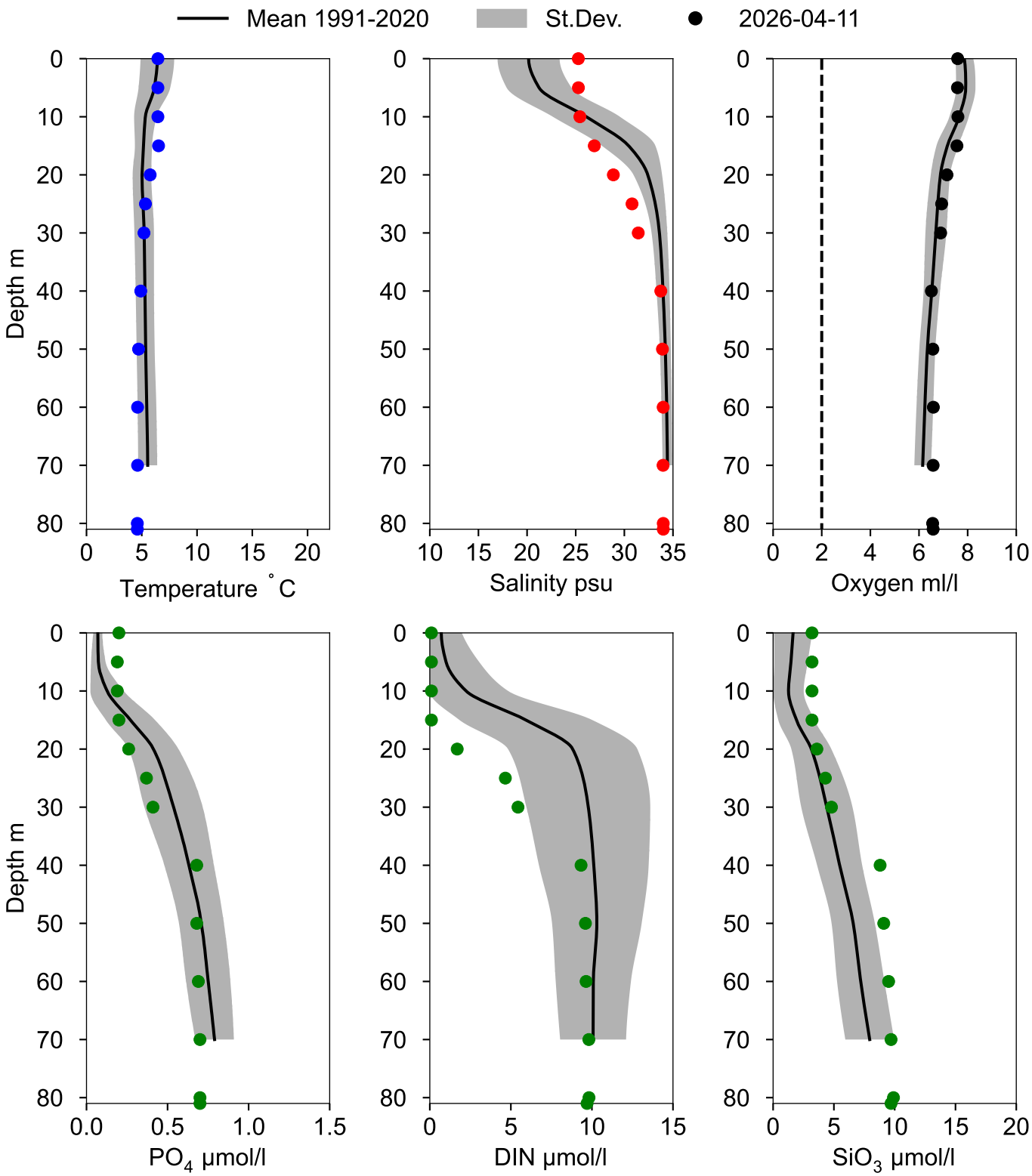
Annual Cycles



OXYGEN IN BOTTOM WATER (depth >= 74 m)

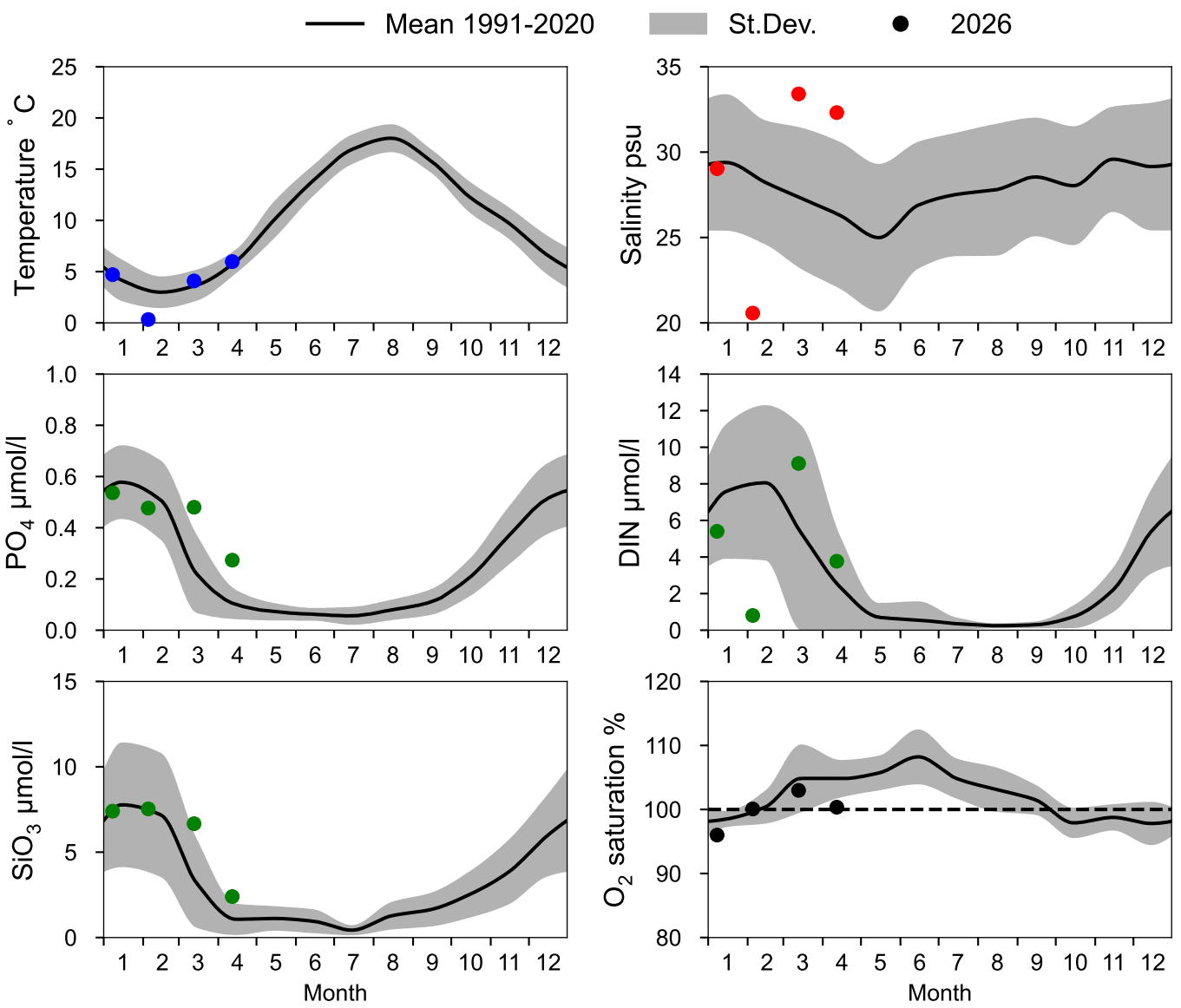


Vertical profiles FLADEN
April

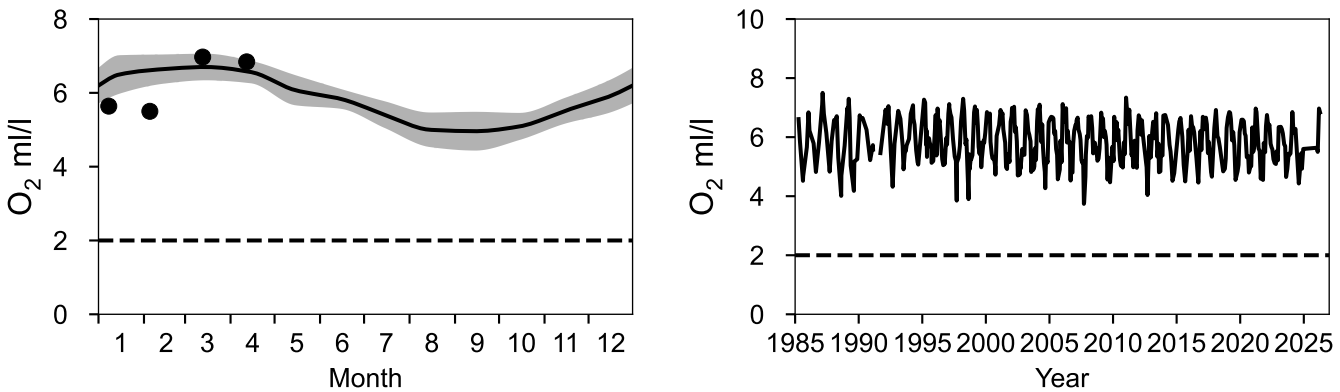


STATION P2 SURFACE WATER (0-10 m)

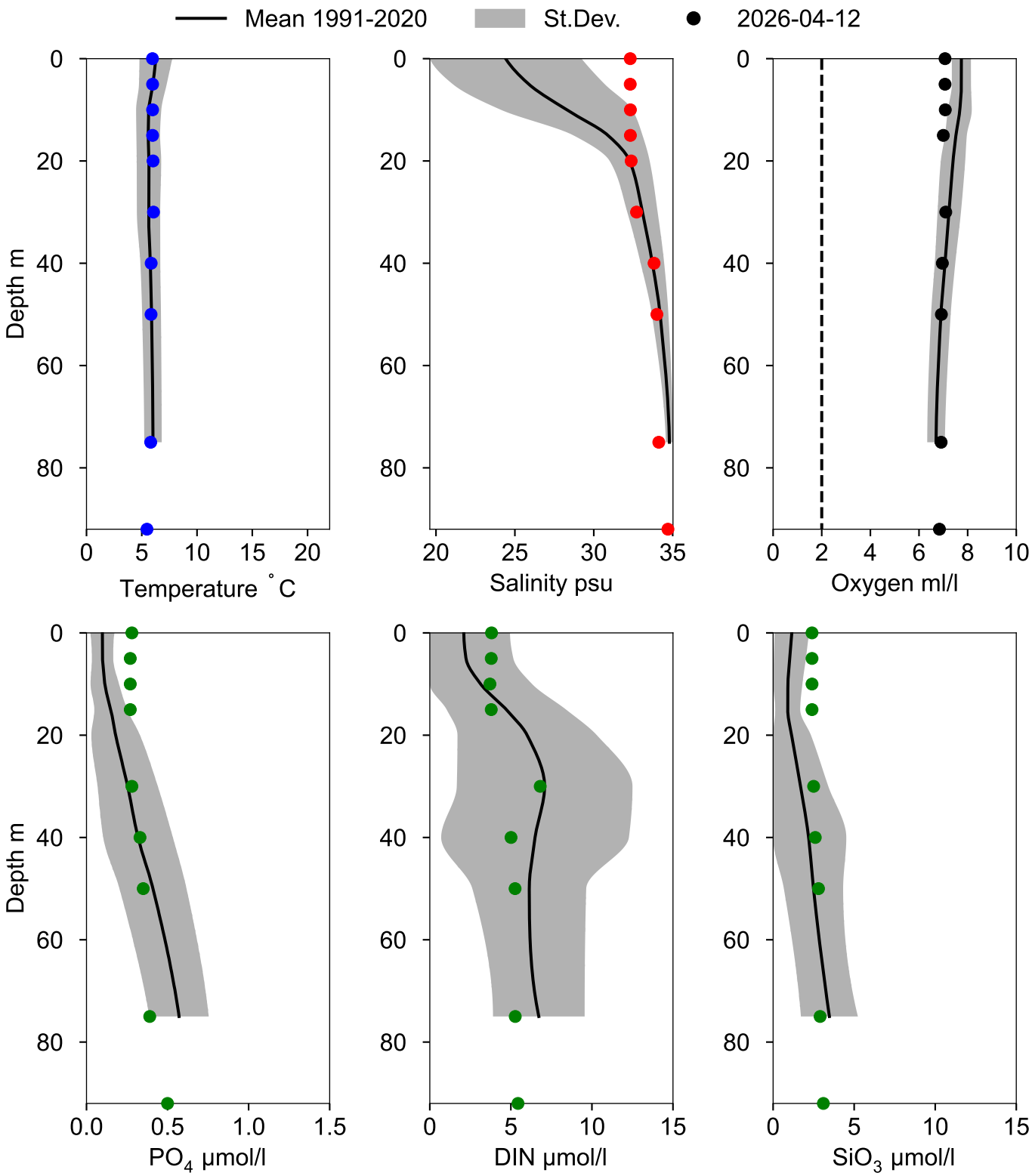
Annual Cycles



OXYGEN IN BOTTOM WATER (depth >= 75 m)

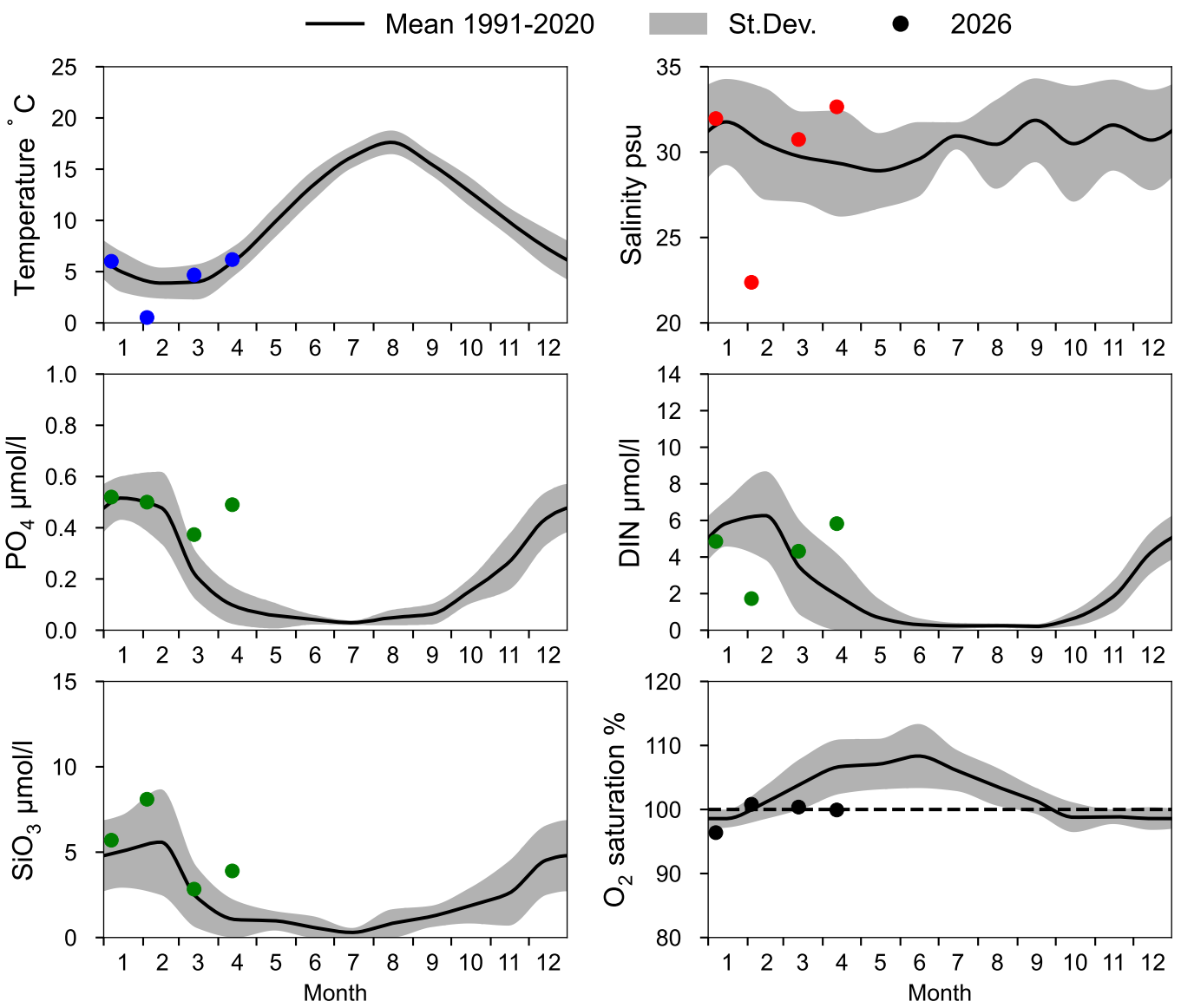


Vertical profiles P2
April

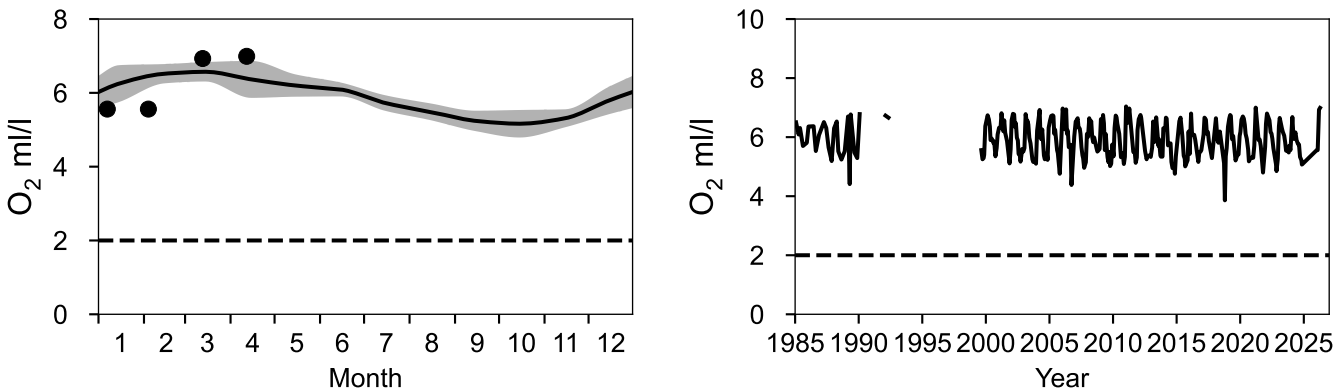


STATION Å15 SURFACE WATER (0-10 m)

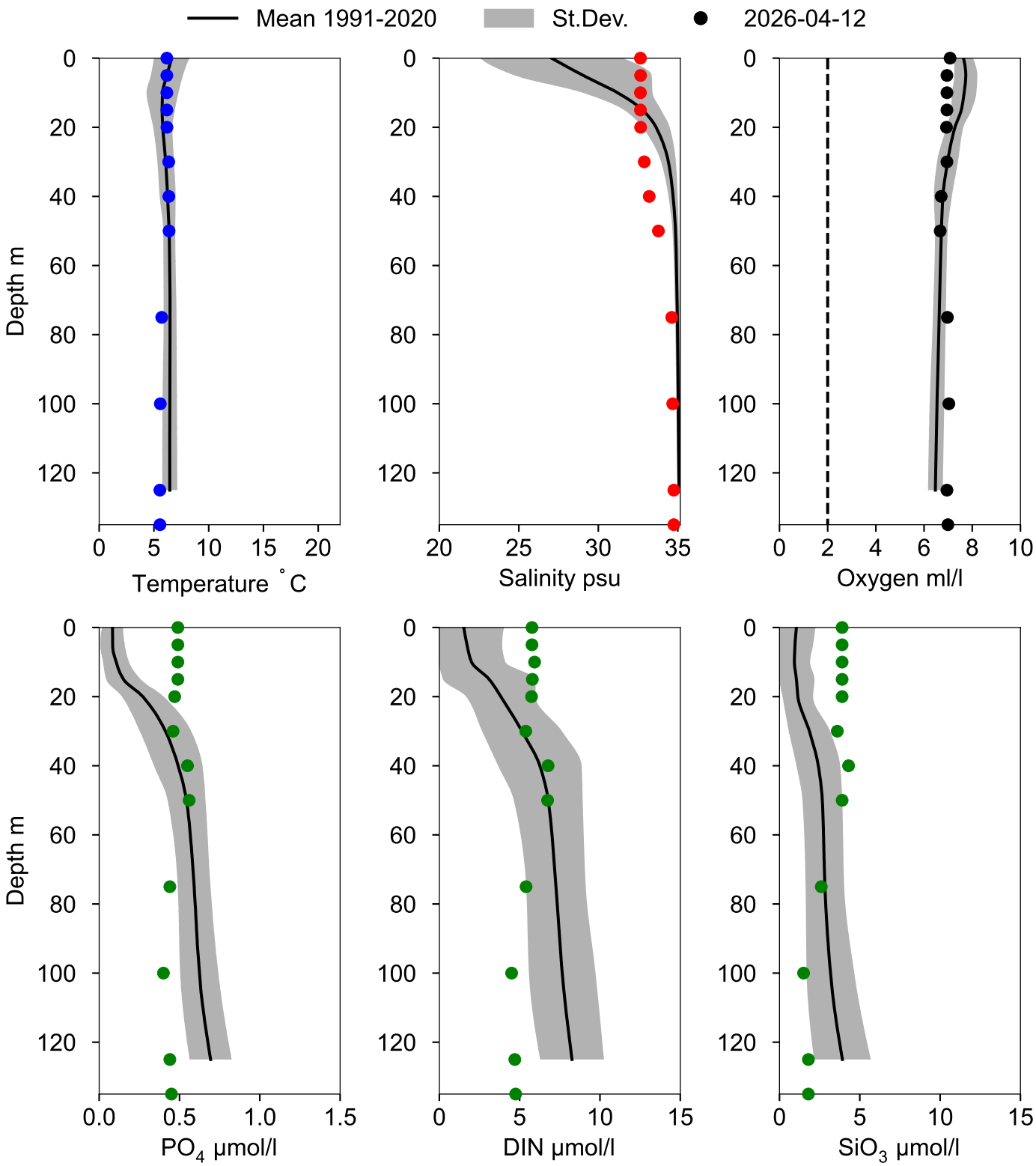
Annual Cycles



OXYGEN IN BOTTOM WATER (depth >= 125 m)

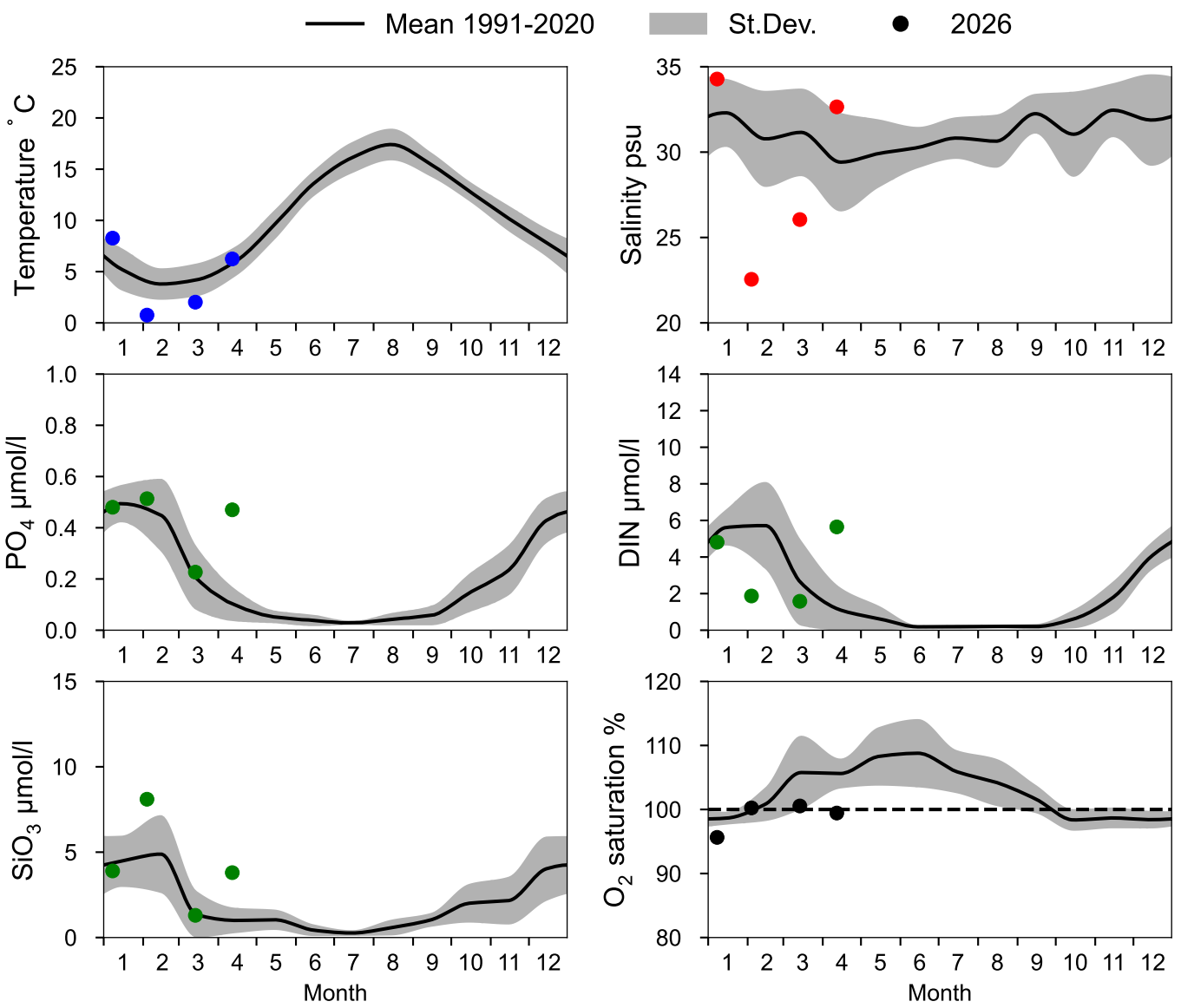


Vertical profiles Å15
April

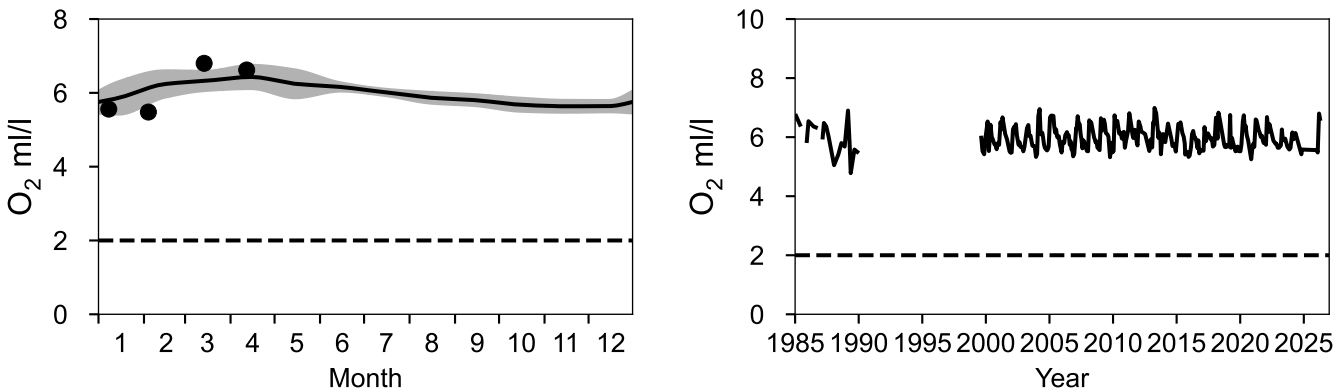


STATION Å17 SURFACE WATER (0-10 m)

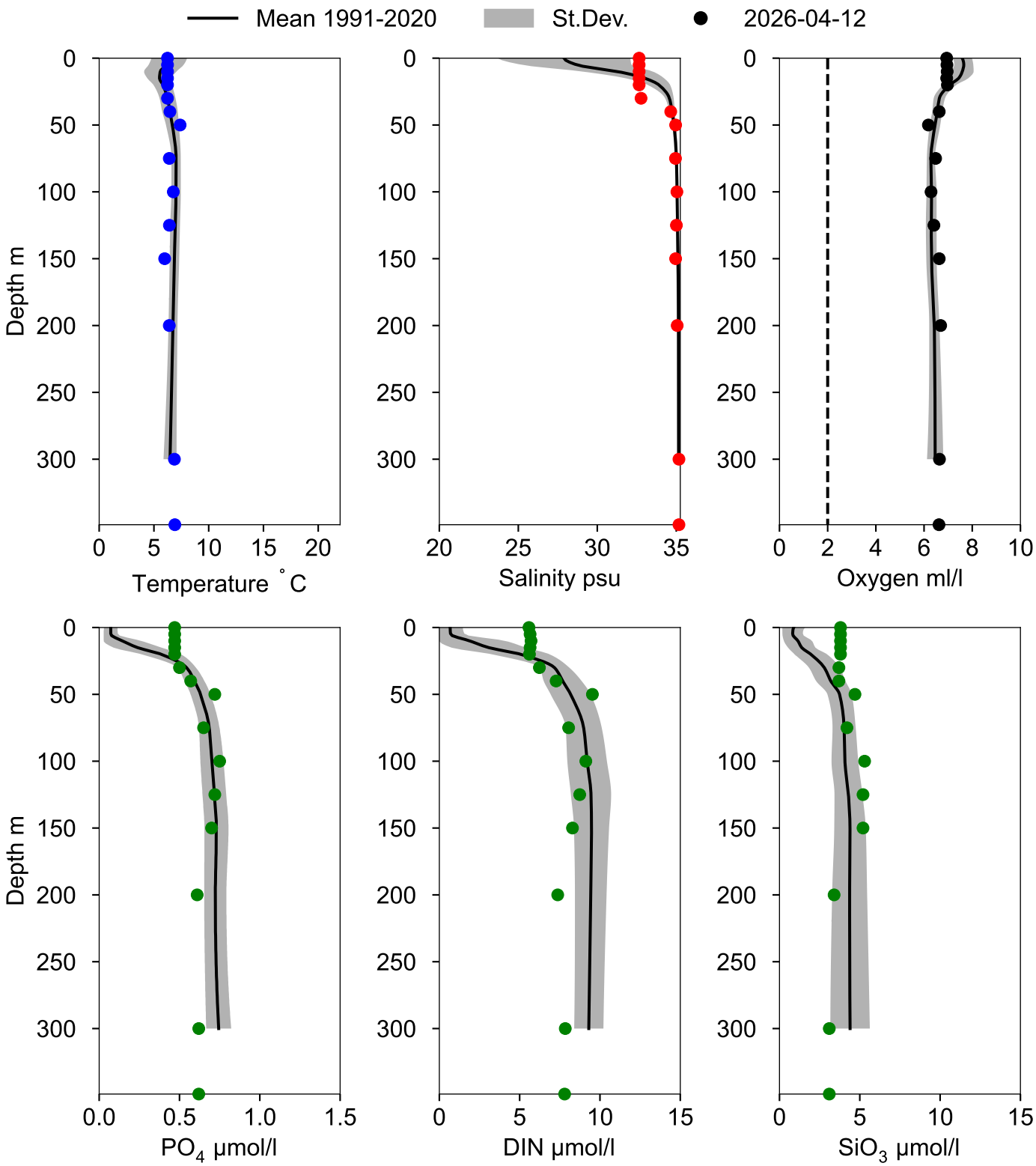
Annual Cycles



OXYGEN IN BOTTOM WATER (depth >= 300 m)

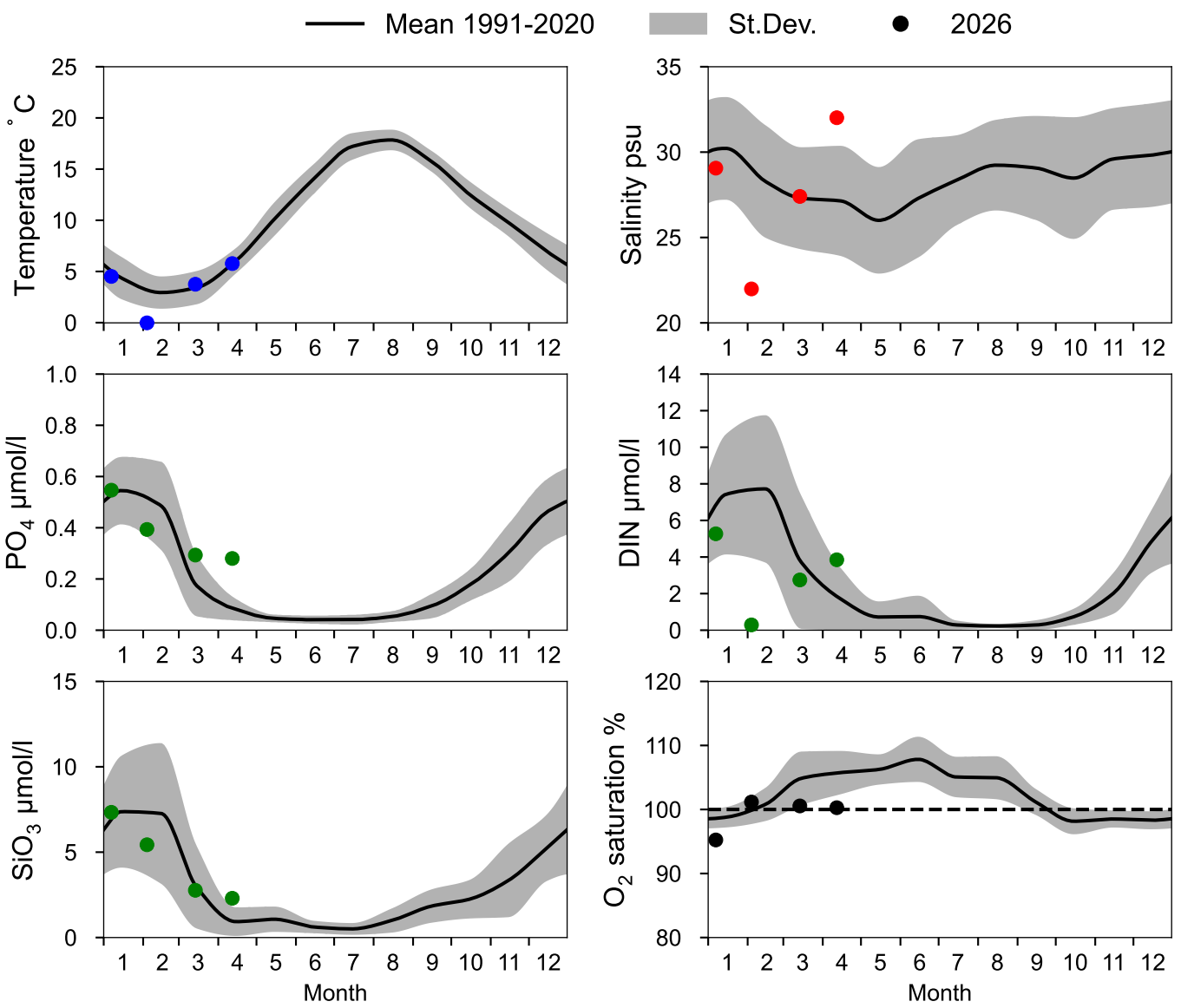


Vertical profiles Å17
April

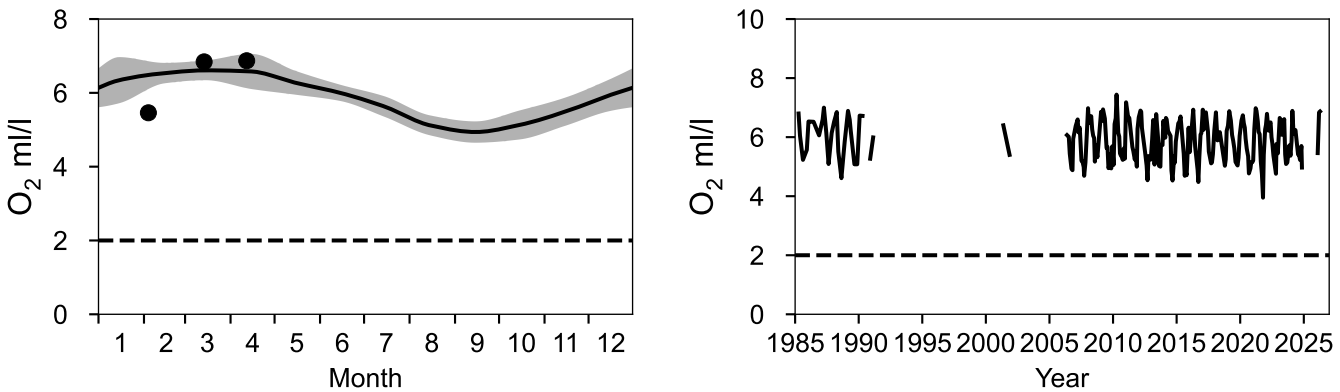


STATION Å13 SURFACE WATER (0-10 m)

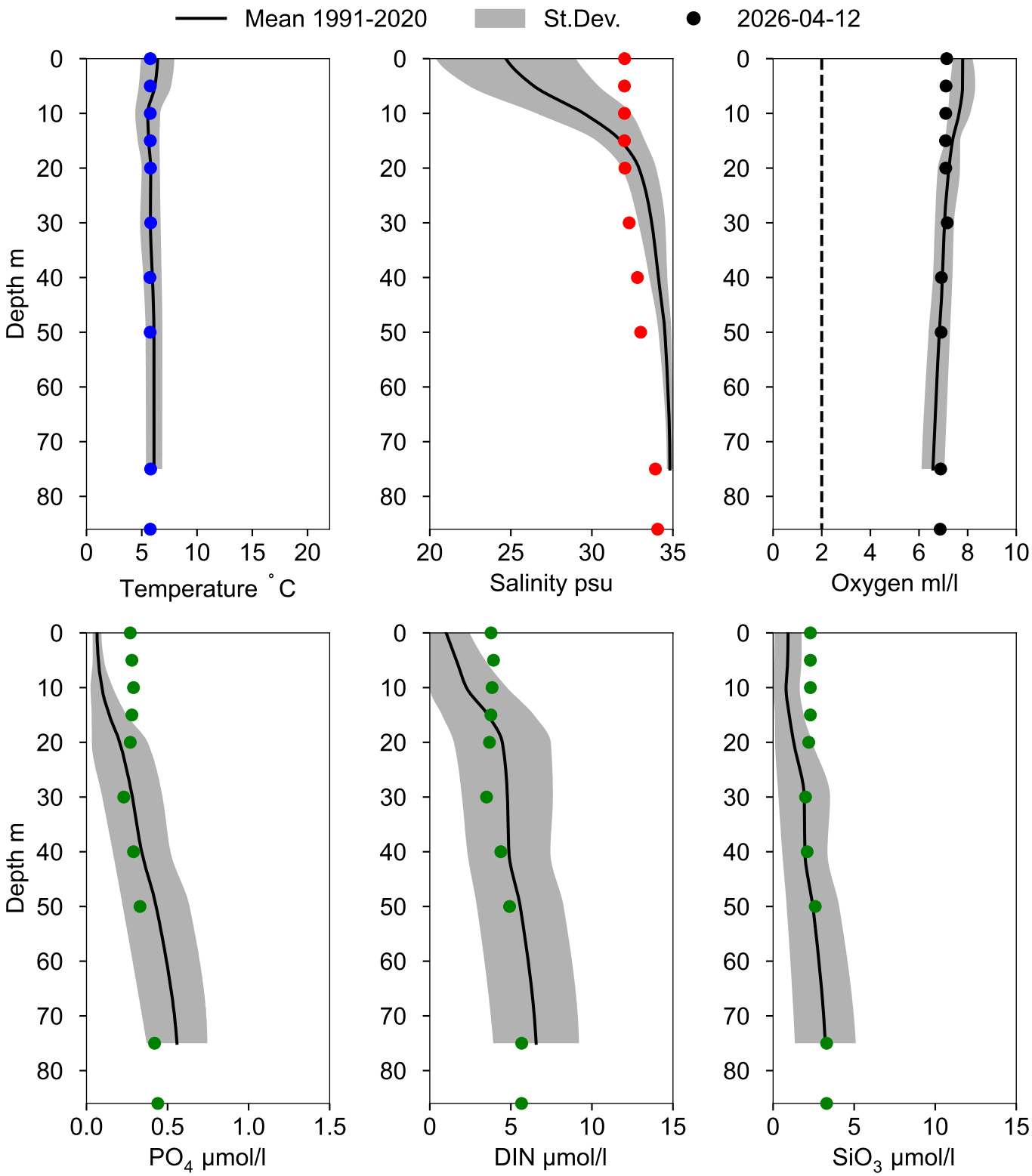
Annual Cycles



OXYGEN IN BOTTOM WATER (depth >= 82 m)

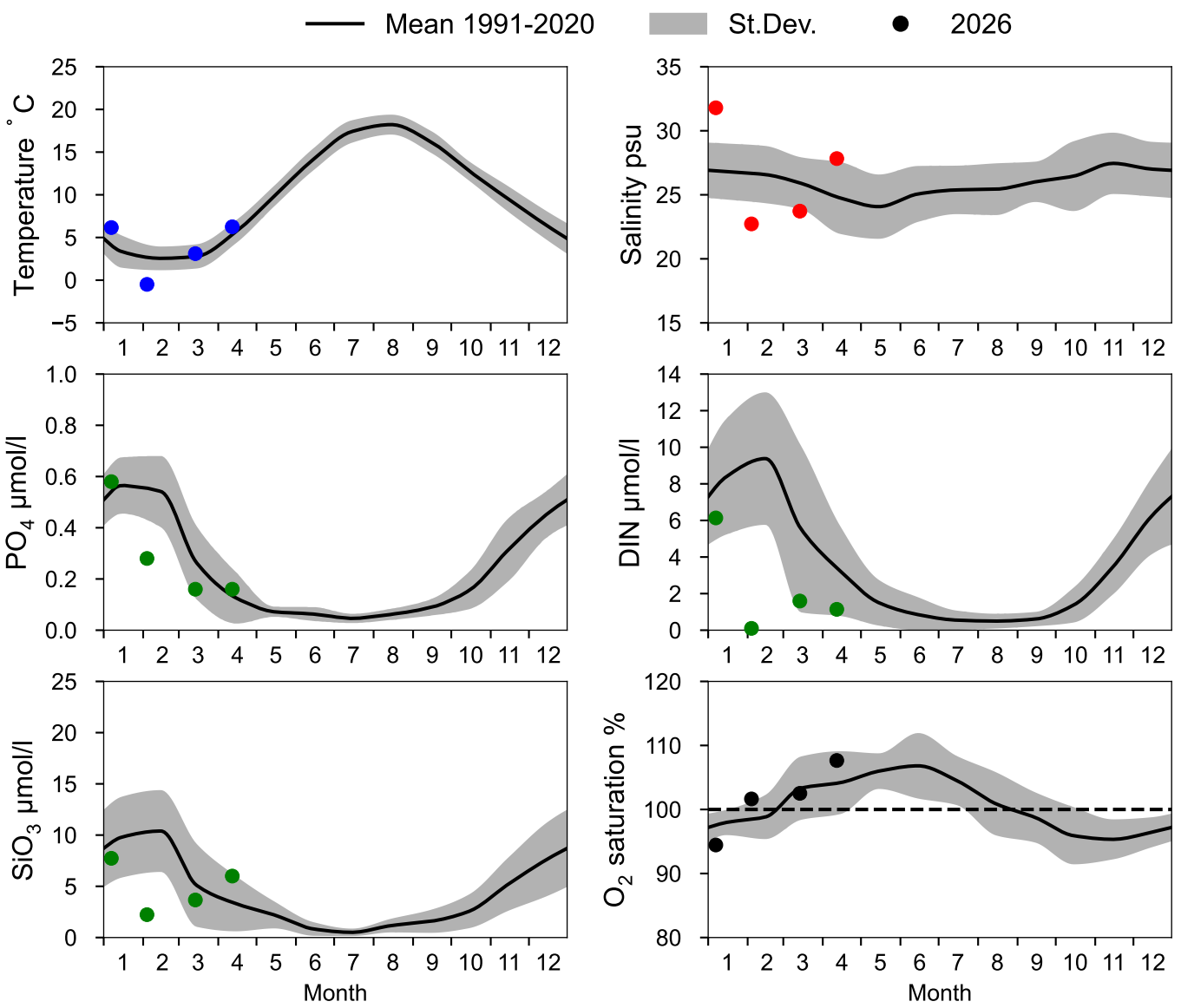


Vertical profiles Å13
April

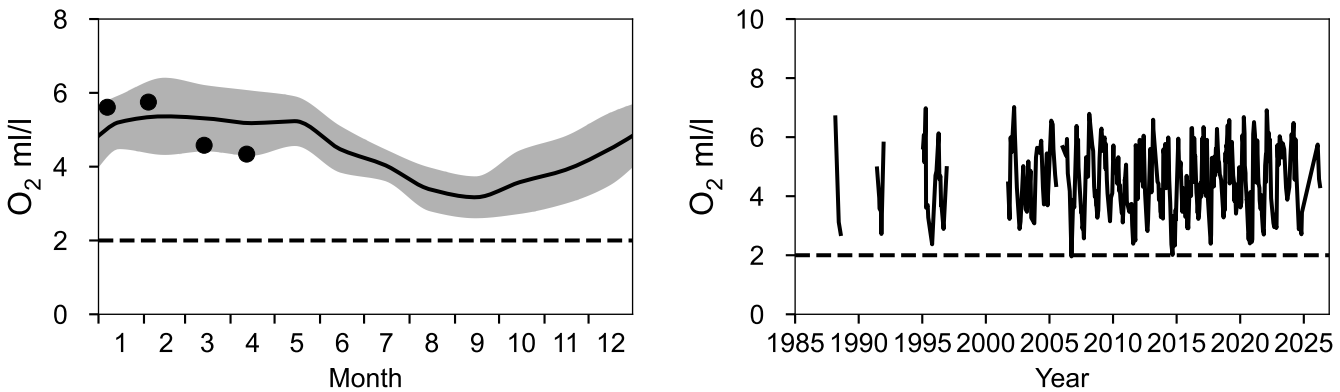


STATION SLÄGGÖ SURFACE WATER (0-10 m)

Annual Cycles



OXYGEN IN BOTTOM WATER (depth >= 64 m)



Vertical profiles SLÄGGÖ
April