WMO 4903468 - OWC Summary Plots

DMQC Operator: Sachiko Yoshida

Date: 26-Feb-2025 20:54:01

Cycles: 0 - 176

Dfiles: 0 - 139

Config File: cow_config_sm.txt

WMO Boxes: wmo_boxes_ctd24argo23.mat

Historical Argo: ARGO_for_DMQC_2023V03_1XXX.tar.gz

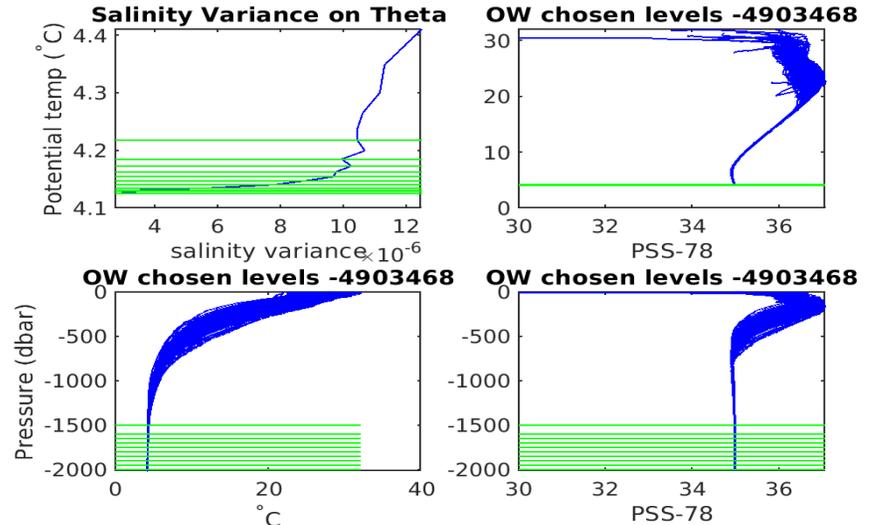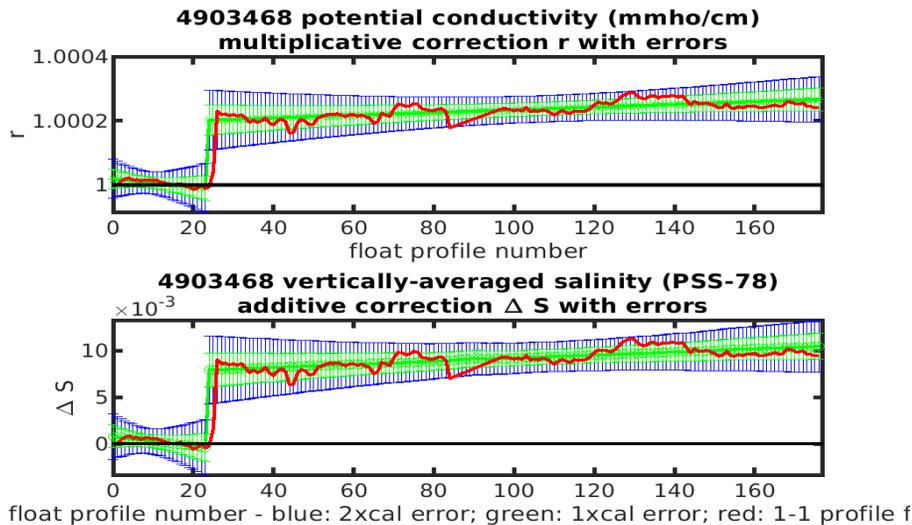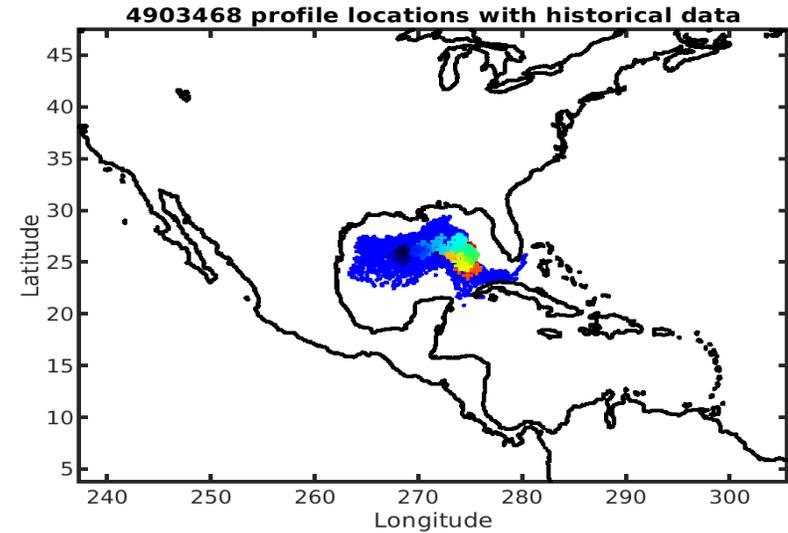Historical CTD: CTD_for_DMQC_2024V01_1.tar.gz

Map Scale

Longitude: 1° / 2°

Latitude: 0.5° / 1°

Age: 5yrs / 10yrs

PV: 0

SAF: 0

OWC Parameters

Pressure: : 1200 < pres < --

Theta: -- < theta < --

Breaks: --

Output
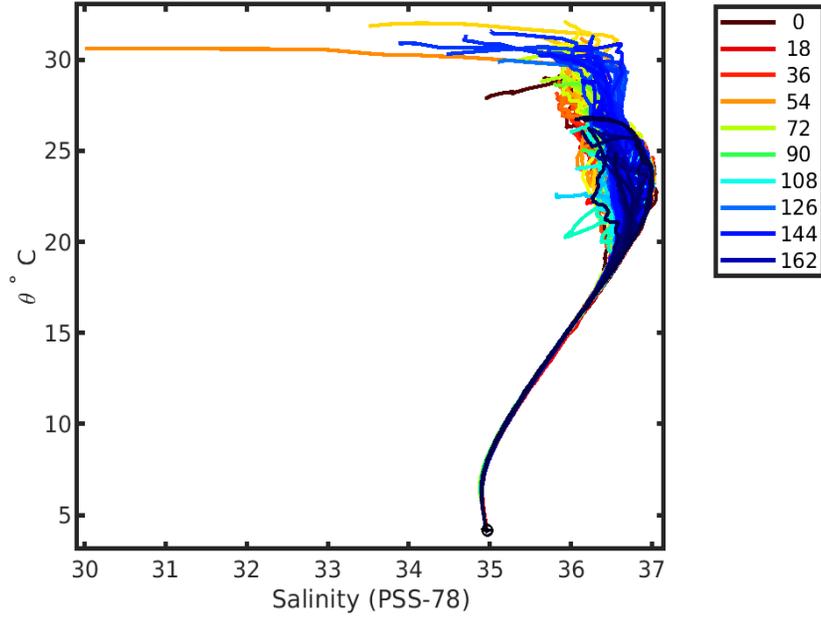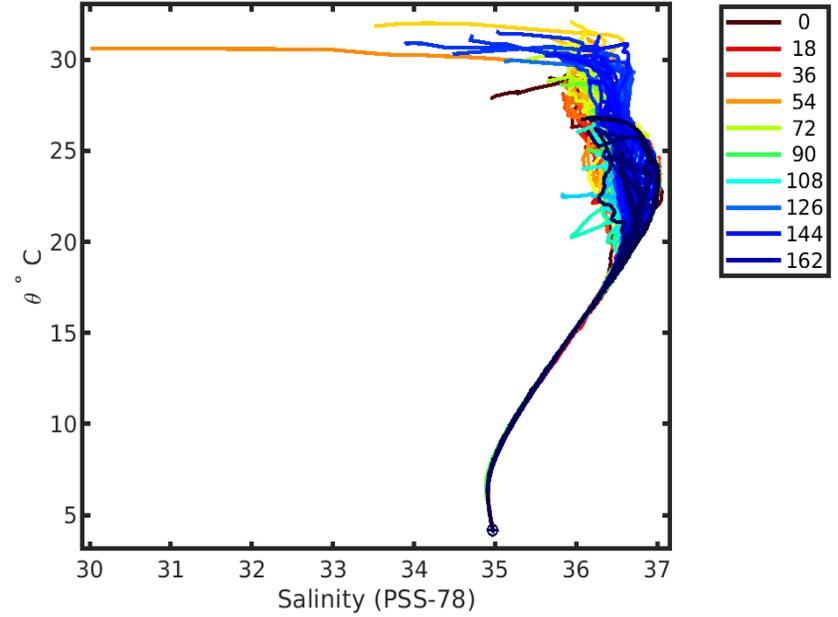
Pcond factor: [0.99999 - 1.0003]
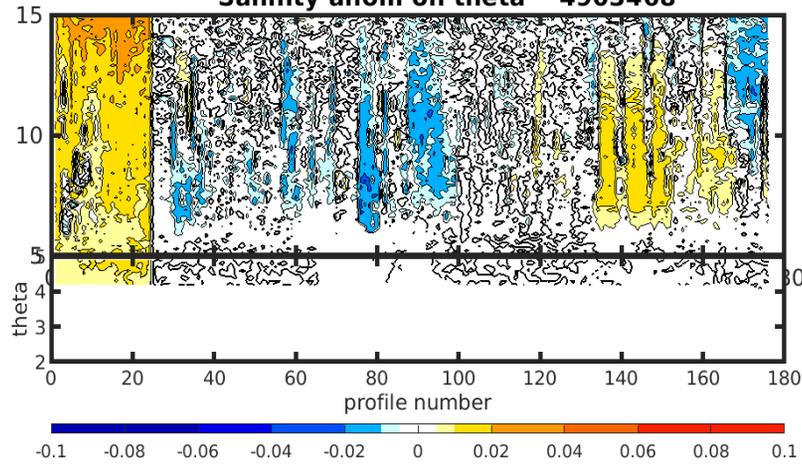
Salinity Offset: [-0.00038904 - 0.010467]

**4903468 uncalibrated float data (-)
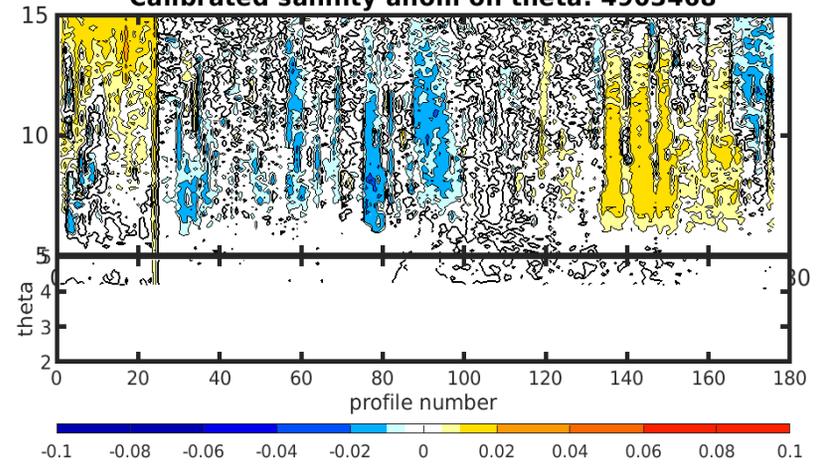and mapped salinity (o) with objective errors**

**4903468 calibrated float data (-)
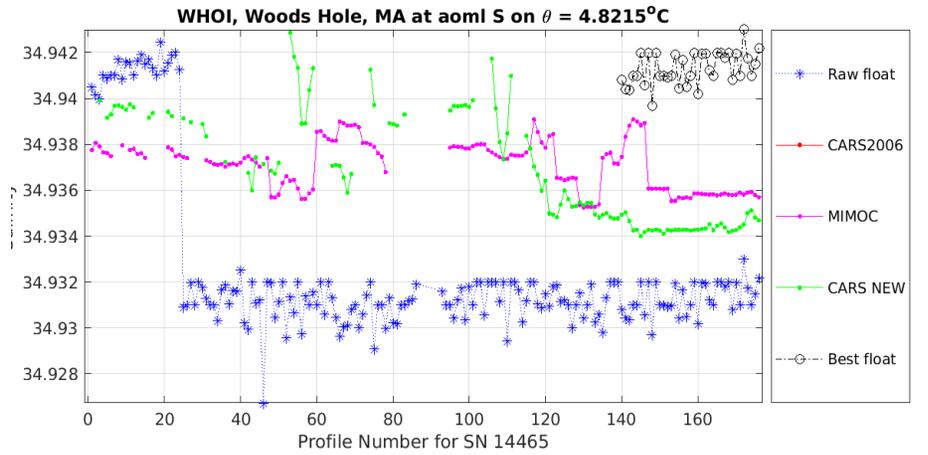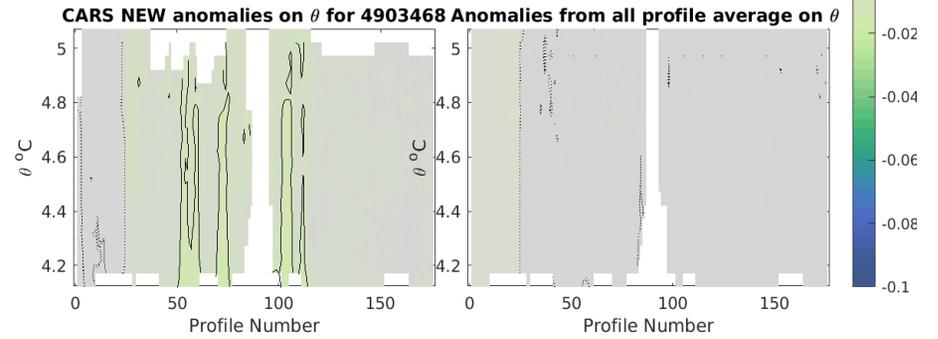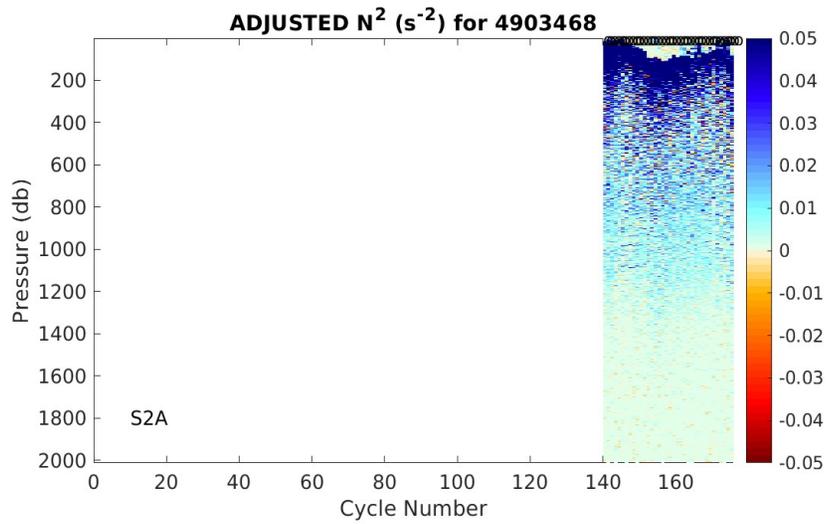and mapped salinity (o) with objective errors**

Legend (both top panels):
- 0
- 18
- 36
- 54
- 72
- 90
- 108
- 126
- 144
- 162

$\theta\,^\circ C$

Salinity (PSS-78)

Salinity anom on theta   4903468

Calibrated salinity anom on theta. 4903468

theta

profile number

-0.1 -0.08 -0.06 -0.04 -0.02 0 0.02 0.04 0.06 0.08 0.1

RAW N^2 (s^{-2}) for 4903468

SBE41CP
SBE41CP
DRUCK 900PSIA

ADJUSTED N^2 (s^{-2}) for 4903468

S2A

MIMOC anomalies on θ for 4903468

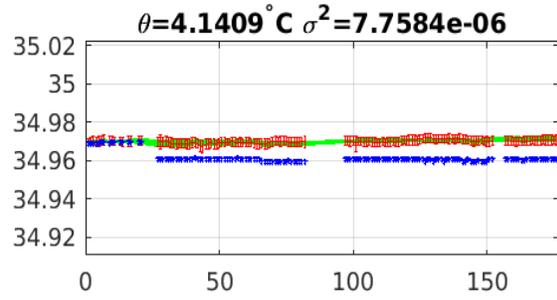**CARS NEW anomalies on θ for 4903468** **Anomalies from all profile average on θ**

WHOI, Woods Hole, MA at aoml S on θ = 4.8215^{o}C

- Raw float
- CARS2006
- MIMOC
- CARS NEW
- Best float

Profile Number for SN 14465

WHOI Argo:26-Feb-2025

WHOI Argo:26-Feb-2025

Blue: uncal float; Red: mapped salinity; Green: cal float w/1xerr