WMO 3902618 - OWC Summary Plots

DMQC Operator: Lola Pierson
Date: 05-Feb-2026 14:09:02
Cycles: 0 - 44
Dfiles: -

Config File: cow_config_sm.txt
WMO Boxes: wmo_boxes_ctdargo.mat
Historical Argo: ARGO_for_DMQC_2025V03_1XXX.tar.gz
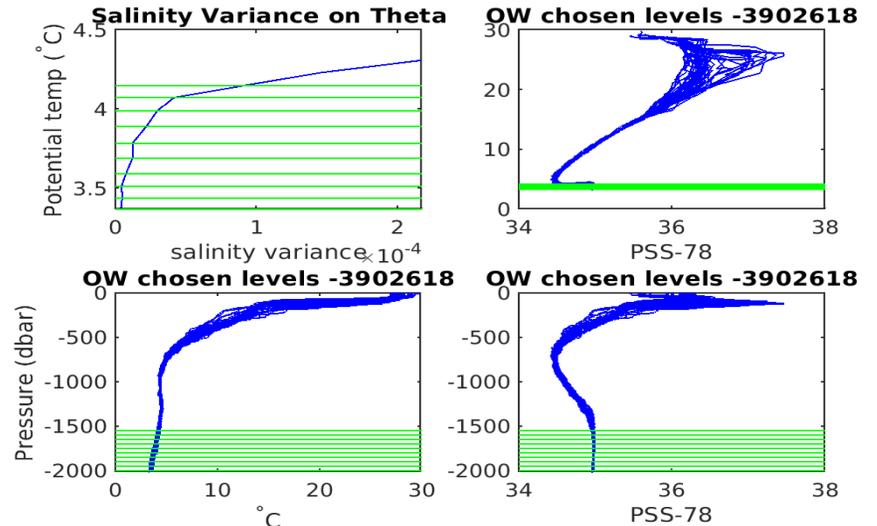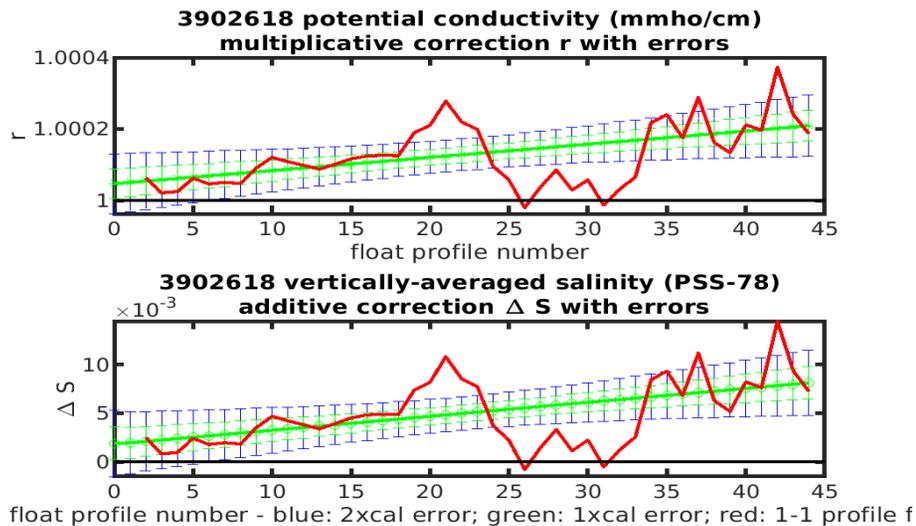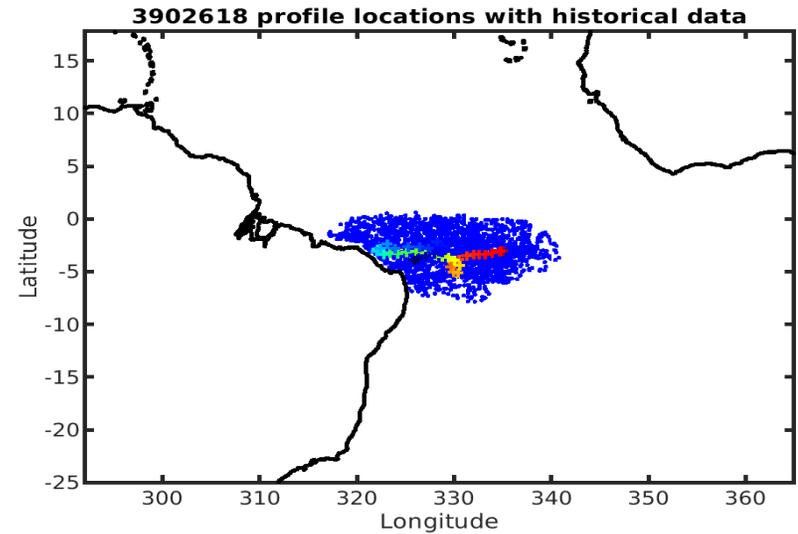Historical CTD: CTD_for_DMQC_2024V01_1.tar.gz

Map Scale

Longitude: 1° / 2°
Latitude: 0.5° / 1°
Age: 5yrs / 10yrs
PV: 0
SAF: 0

OWC Parameters

Pressure: : 1400 < pres < --
Theta: -- < theta < --
Breaks: --

Output
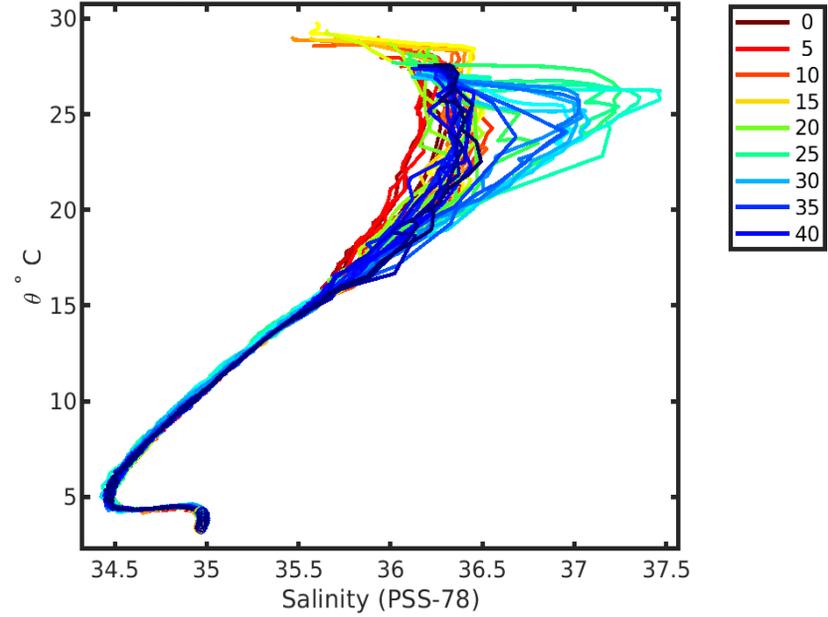
Pcond factor: [1 - 1.0002]
Salinity Offset: [0.0018858 - 0.008109]

3902618 profile locations with historical data

3902618 potential conductivity (mmho/cm) multiplicative correction r with errors

3902618 vertically-averaged salinity (PSS-78) additive correction Δ S with errors

float profile number - blue: 2xcal error; green: 1xcal error; red: 1-1 profile f

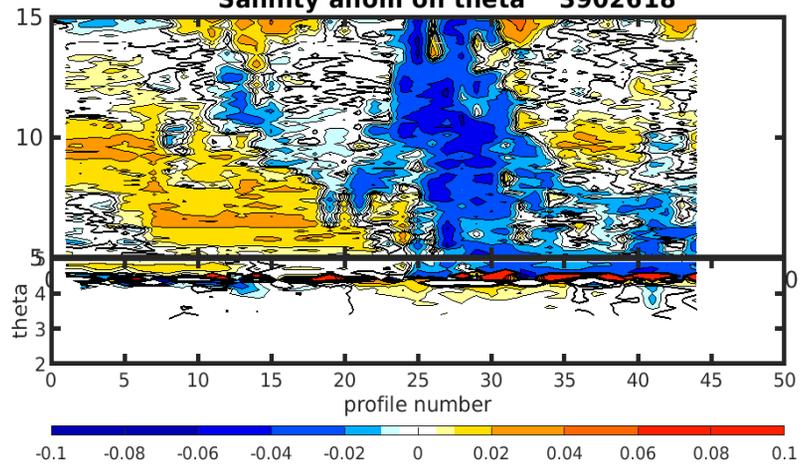Salinity Variance on Theta

OW chosen levels -3902618

3902618 uncalibrated float data (-)
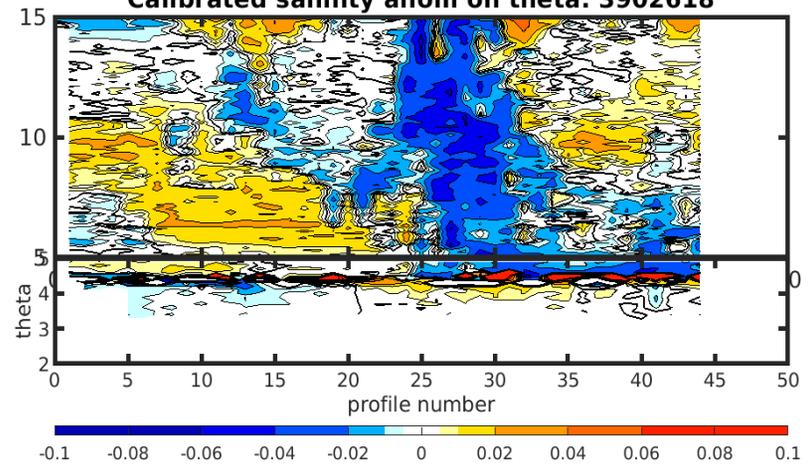**and mapped salinity (o) with objective errors**
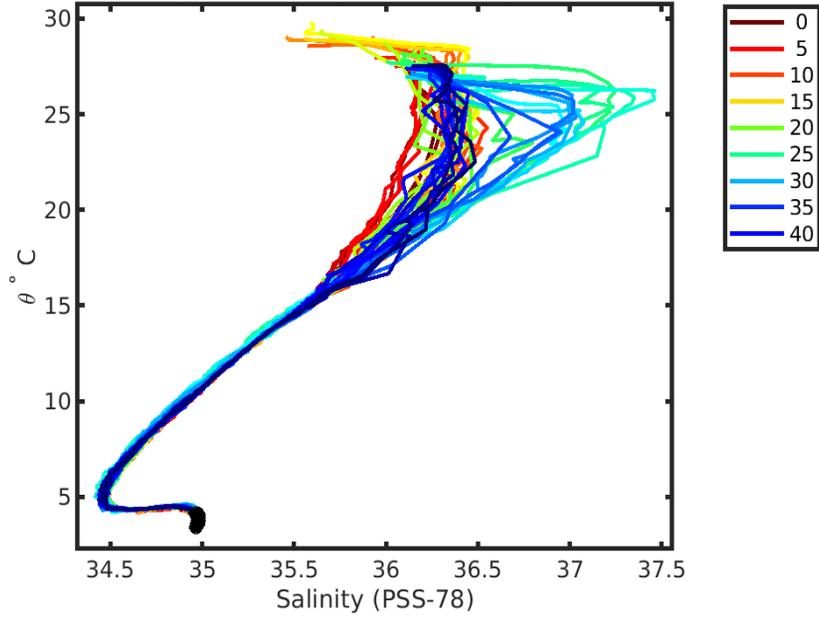
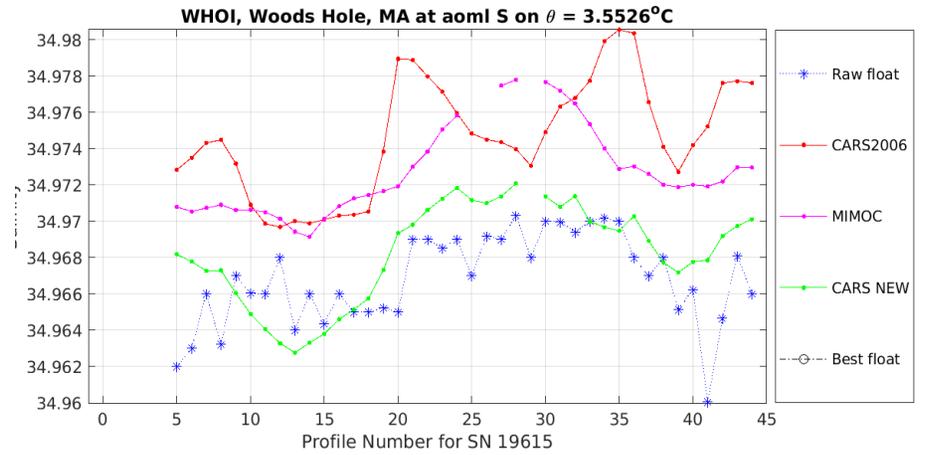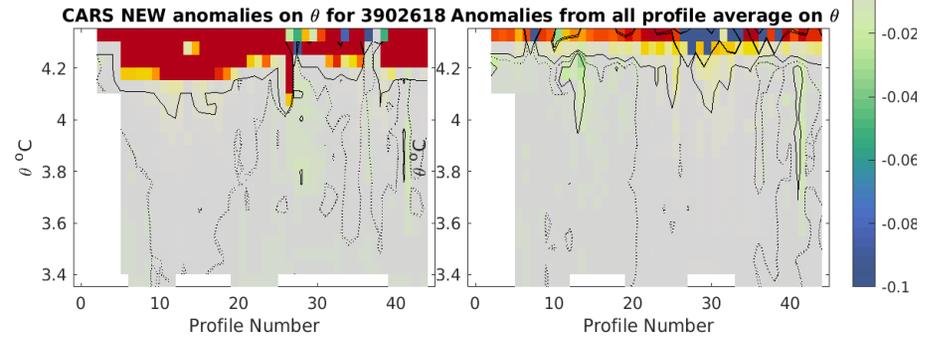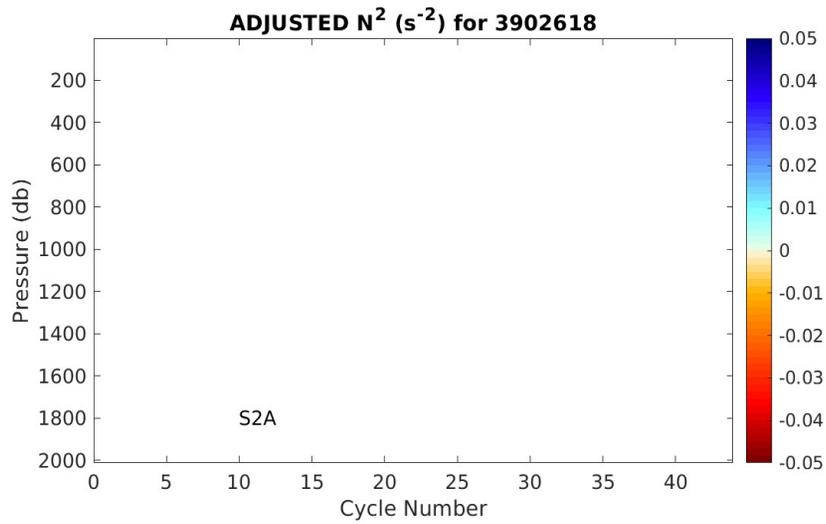**3902618 calibrated float data (-)**
and mapped salinity (o) with objective errors

Salinity anom on theta   3902618

Calibrated salinity anom on theta. 3902618

RAW N^2 (s^{-2}) for 3902618

SBE41CP
SBE41CP
DRUCK_2900PSIA

ADJUSTED N^2 (s^{-2}) for 3902618

S2A

Argo WHOI 05-Feb-2026

MIMOC anomalies on θ for 3902618
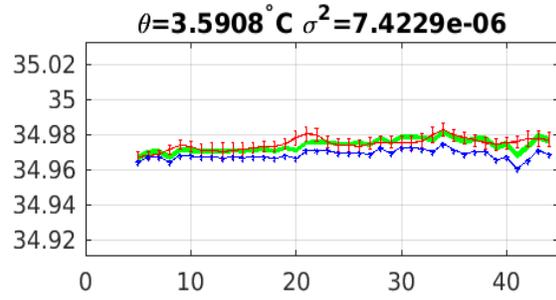
CARS2006 anomalies on θ

CARS NEW anomalies on θ for 3902618

Anomalies from all profile average on θ

WHOI, Woods Hole, MA at aoml S on θ = 3.5526^{o}C

Raw float
CARS2006
MIMOC
CARS NEW
Best float

Profile Number for SN 19615

Argo WHOI 05-Feb-2026
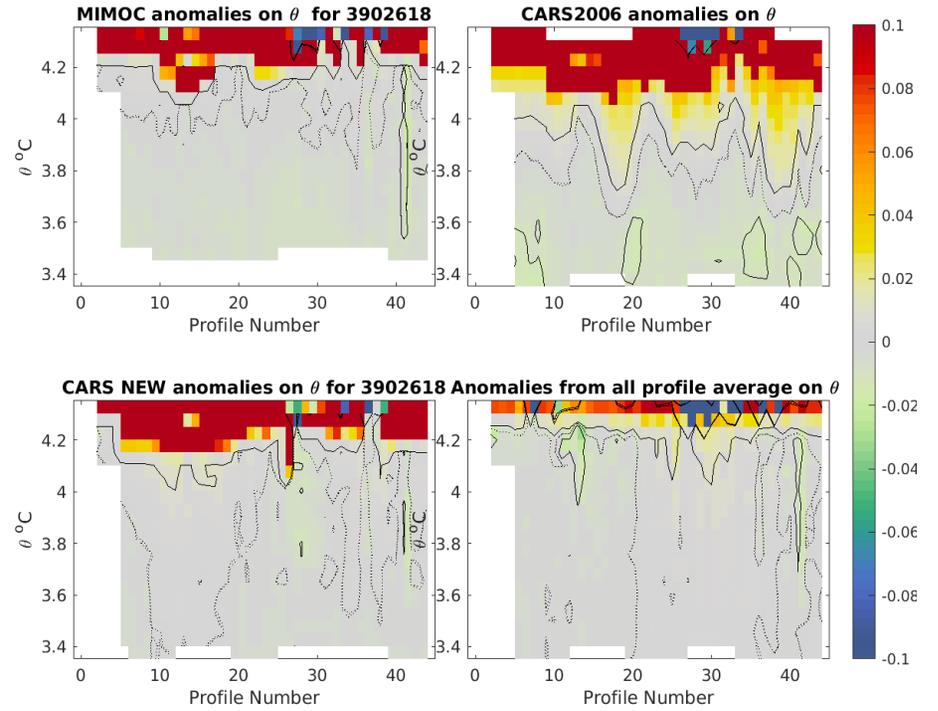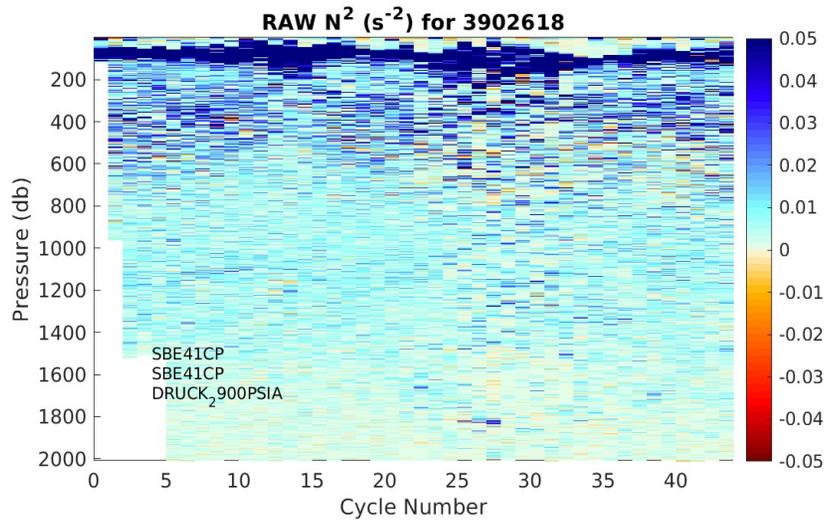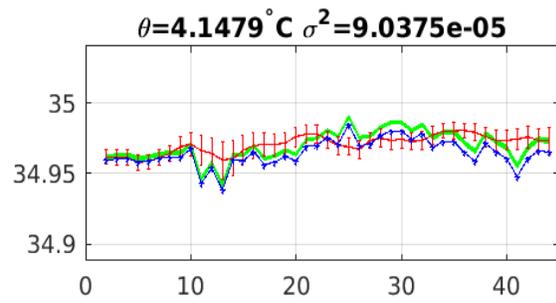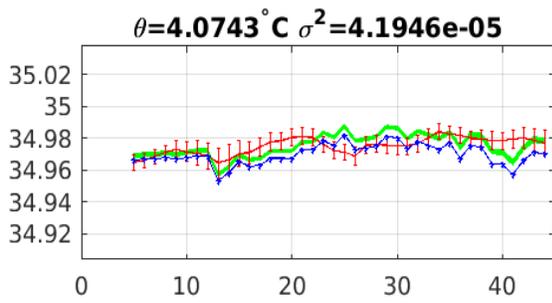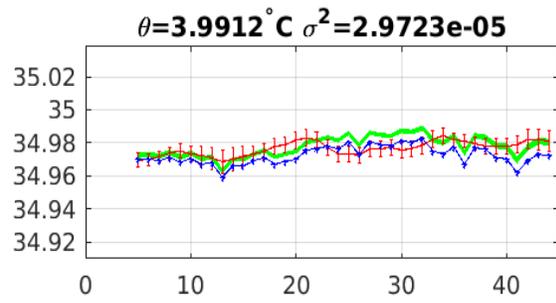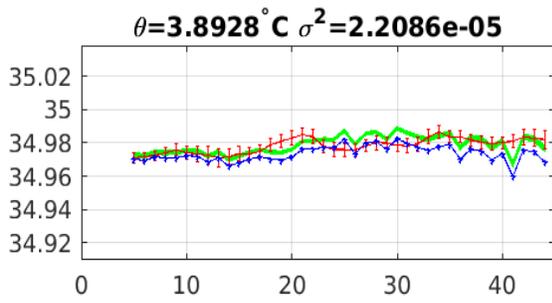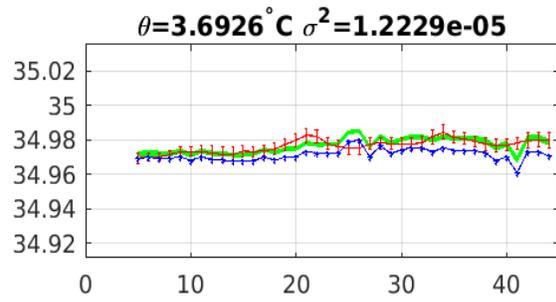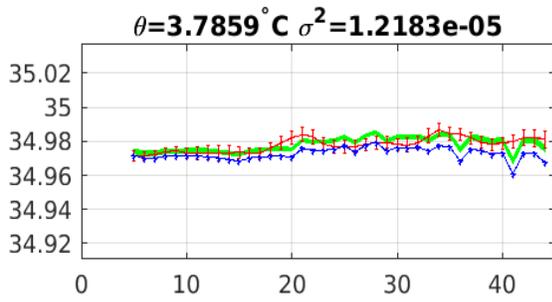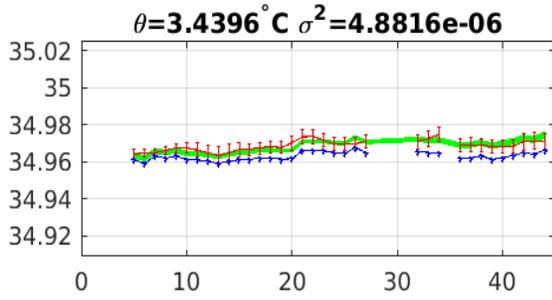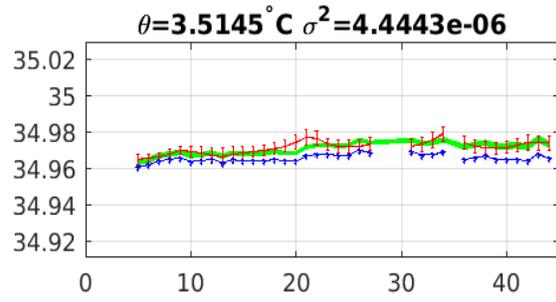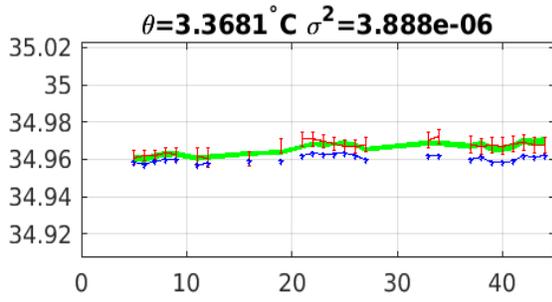
Blue: uncal float; Red: mapped salinity; Green: cal float w/1xerr