WMO 4903263 - OWC Summary Plots

DMQC Operator: Deb West-Mack
Date: 08-Apr-2022 13:16:02
Config File: cow_config_sm.txt

WMO Boxes: wmo_boxes_ctd21argo21.mat
Historical Argo: ARGO_for_DMQC_2021V03_1XXXX.tar.gz
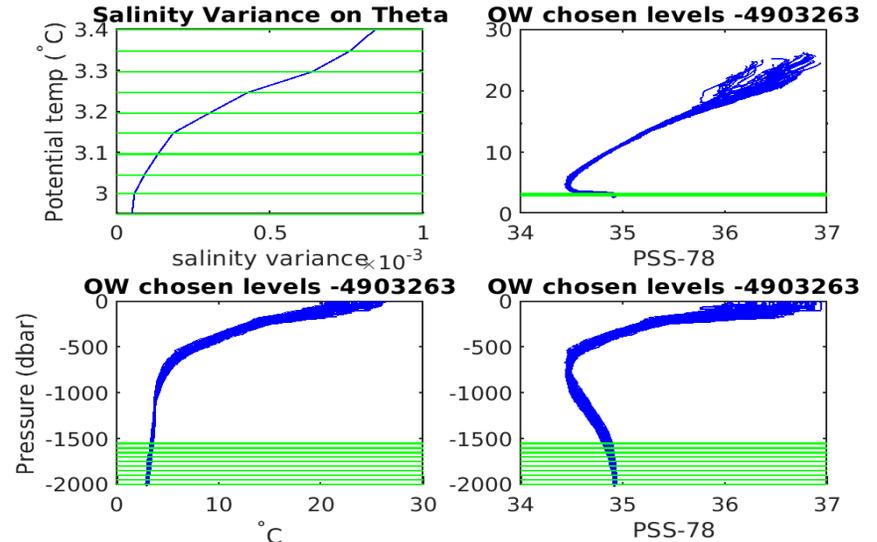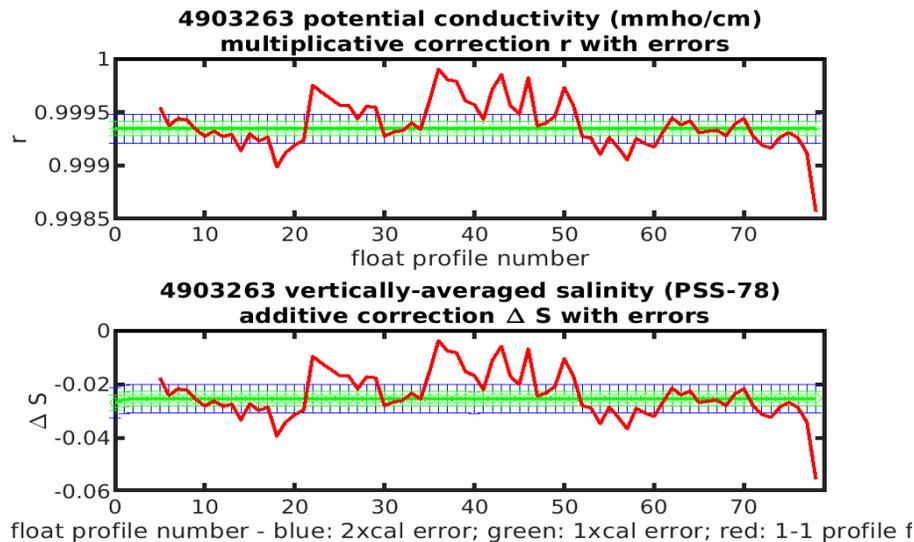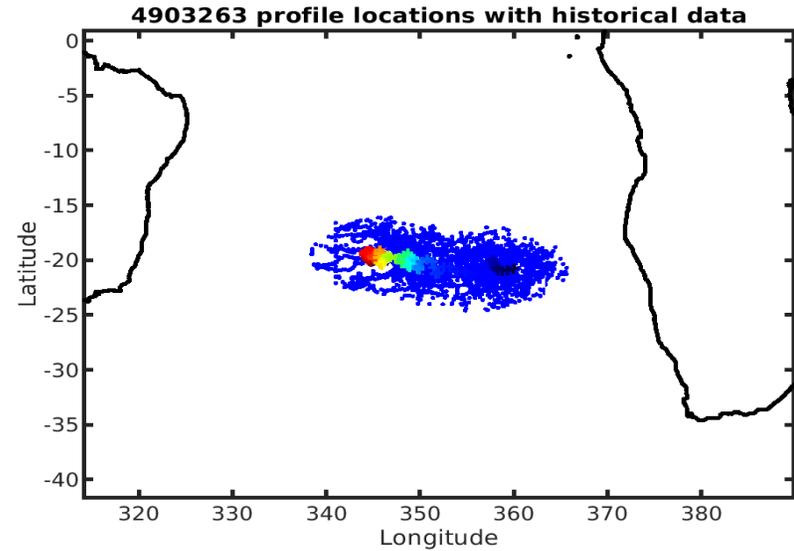Historical CTD: CTD_for_DMQC_2021V02_1.tgz

Map Scale

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

OWC Parameters

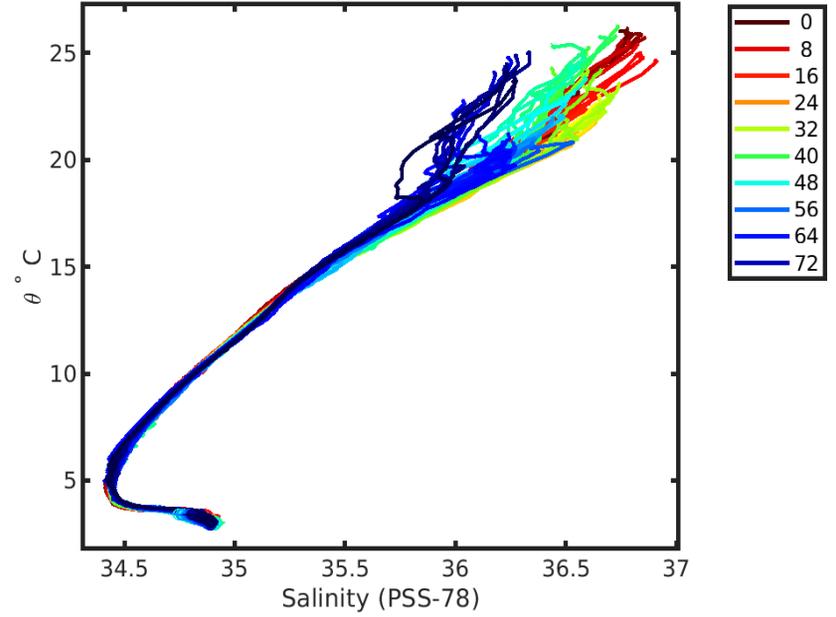Pressure: : 1500 < pres < --
Theta: -- < theta < --
Breaks: --

Output

Pcond factor: 0.99934
Salinity Offset: [-0.027035 - -0.025366]

4903263 profile locations with historical data

4903263 potential conductivity (mmho/cm) multiplicative correction r with errors

4903263 vertically-averaged salinity (PSS-78) additive correction △ S with errors

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

Salinity Variance on Theta

OW chosen levels -4903263

OW chosen levels -4903263
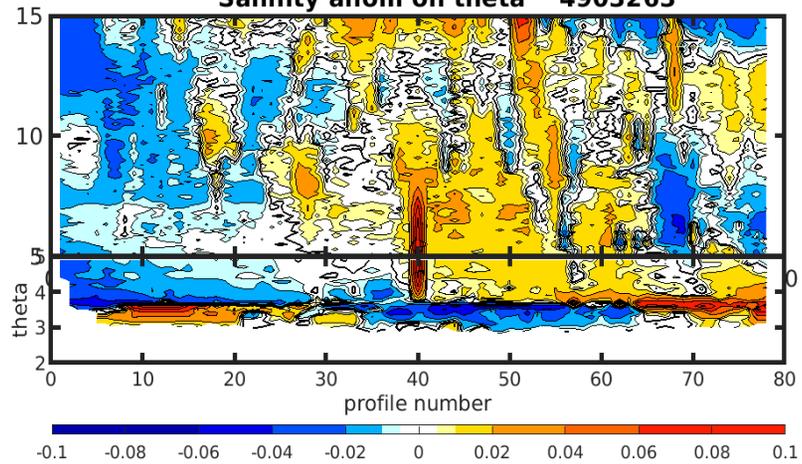

OW chosen levels -4903263

4903263 uncalibrated float data (-)
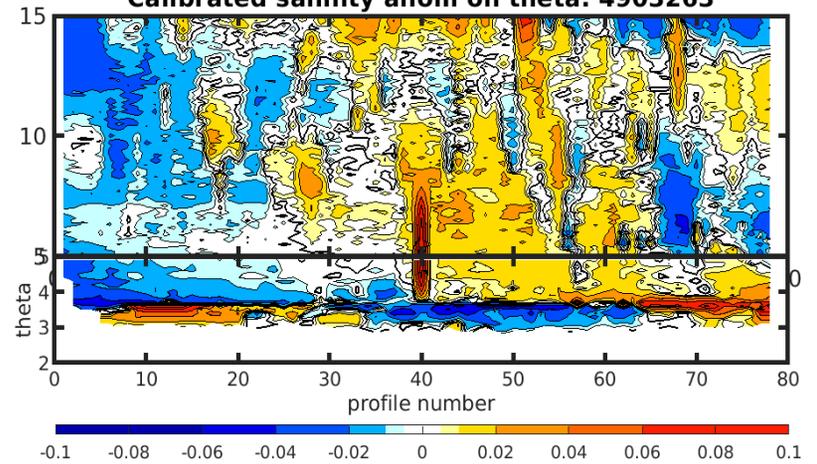**and mapped salinity (o) with objective errors**
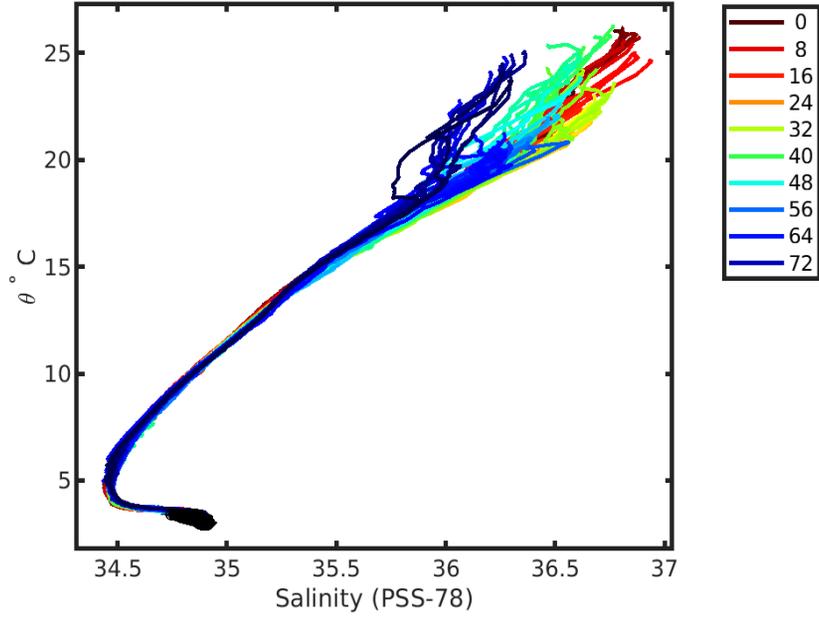
4903263 calibrated float data (-)
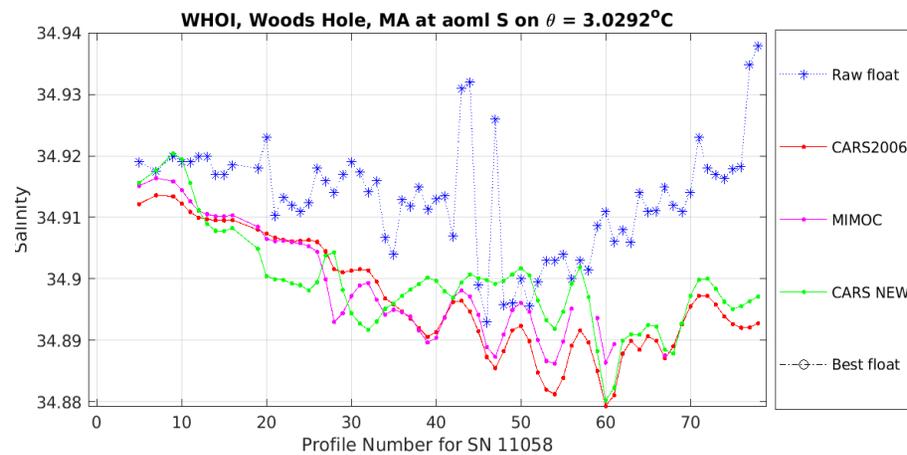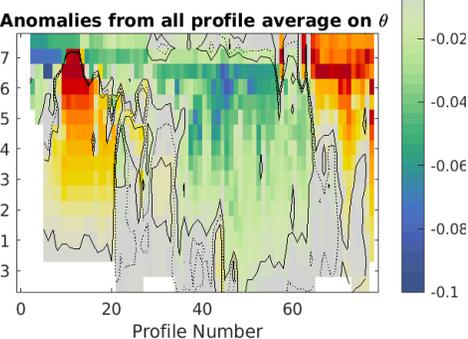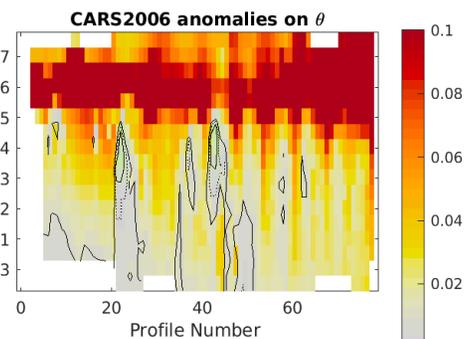**and mapped salinity (o) with objective errors**

Salinity anom on theta   4903263

Calibrated salinity anom on theta. 4903263

RAW N^2 (s^{-2}) for 4903263

SBE41CP
SBE41CP
DRUCK$_2$900PSIA

ADJUSTED N^2 (s^{-2}) for 4903263

S2A

MIMOC anomalies on θ for 4903263

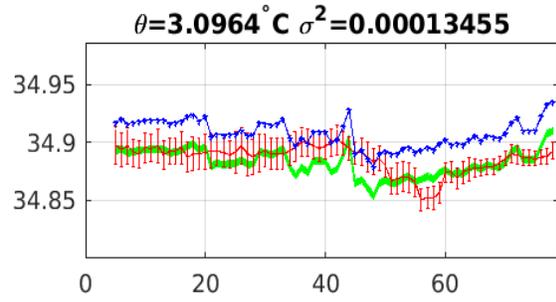## CARS2006 anomalies on θ

CARS NEW anomalies on θ for 4903263

Anomalies from all profile average on θ

WHOI, Woods Hole, MA at aoml S on θ = 3.0292^{o}C

Raw float
CARS2006
MIMOC
CARS NEW
Best float

Salinity

Profile Number for SN 11058
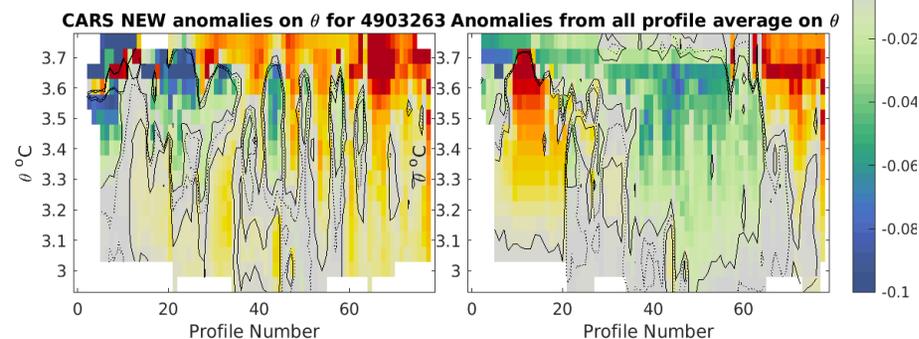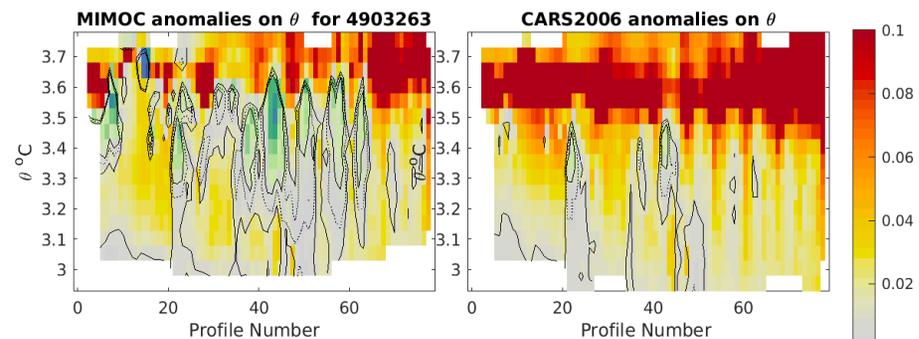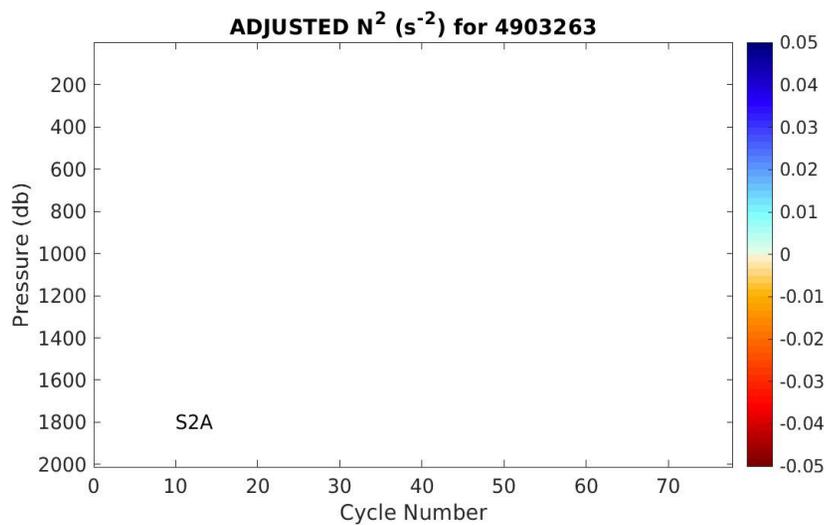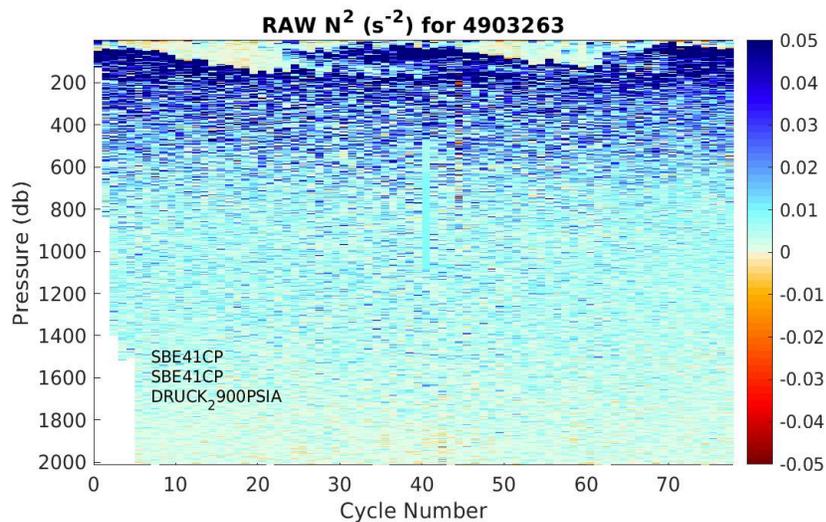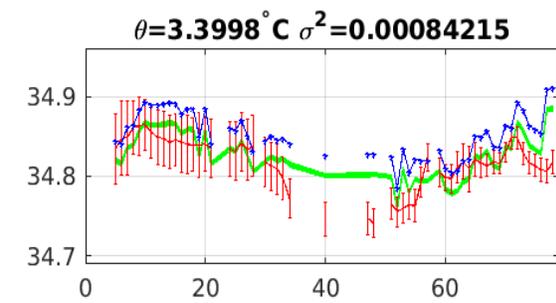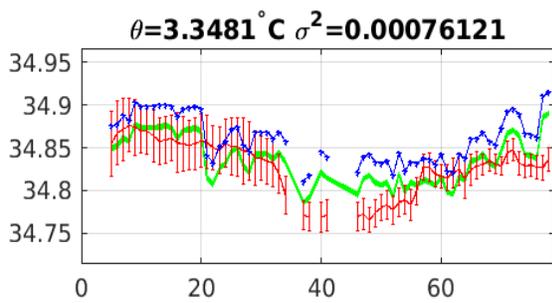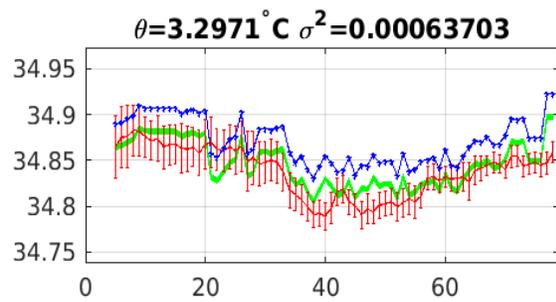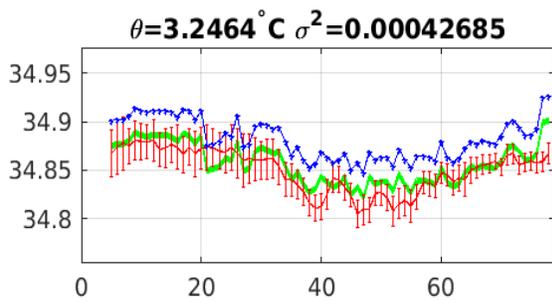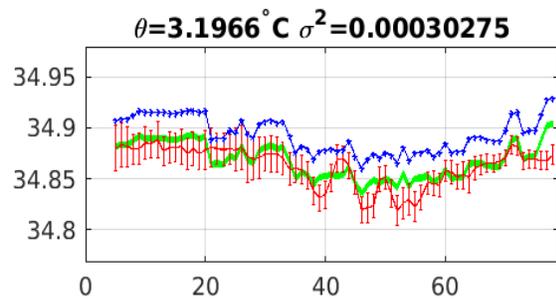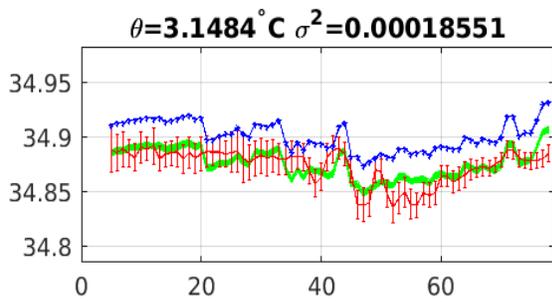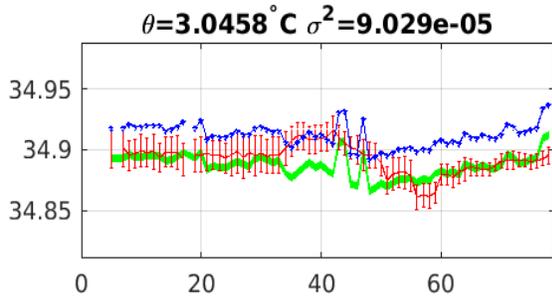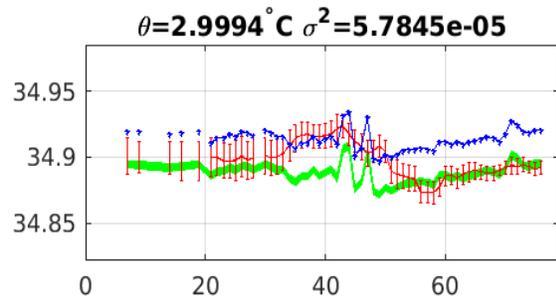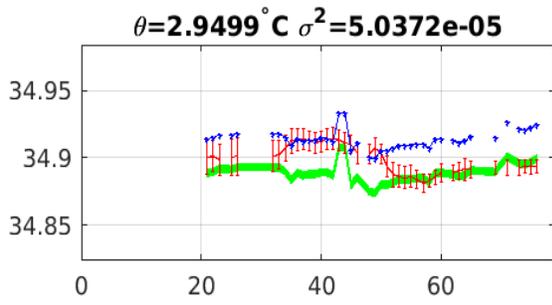
Blue: uncal float; Red: mapped salinity; Green: cal float w/1xerr