WMO 4901704 - OWC Summary Plots

DMQC Operator: Deb West-Mack

Date: 06-Jan-2021 10:43:52

Config File: cow_config_sm.txt

WMO Boxes: wmo_boxes_argo19ctd19.mat

Historical Argo: ARGO_for_DMQC_2018V01.tar.gz

Historical CTD: CTD_for_DMQC_2019V01_1.tar.gz
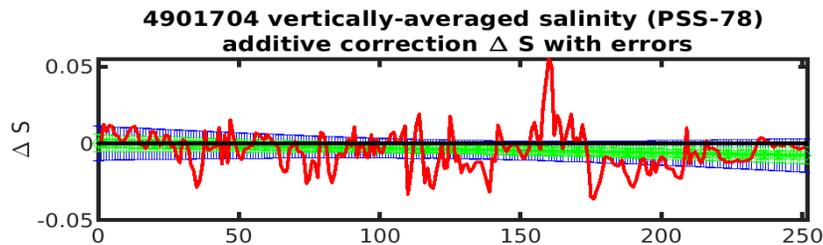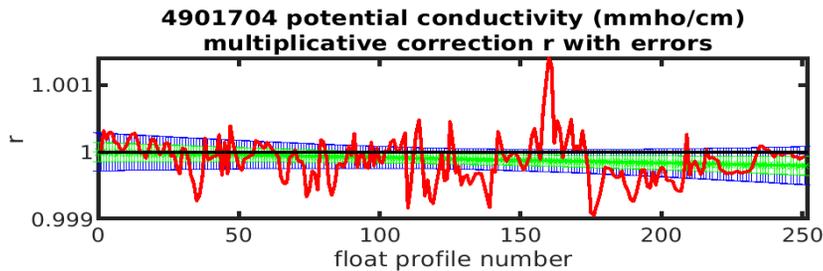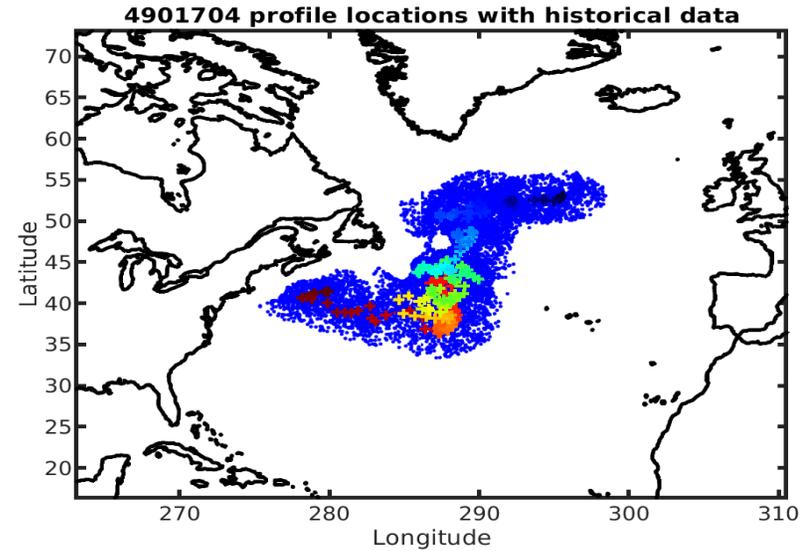
Map Scale

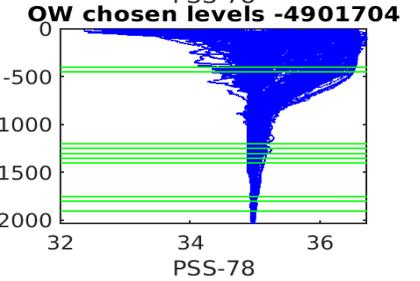Longitude: 1° / 2°

Latitude: 0.5° / 1°

Age: 5yrs / 10yrs

PV: 0

SAF: 0

OWC Parameters

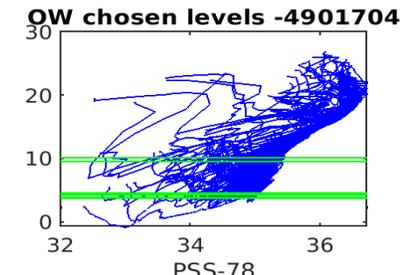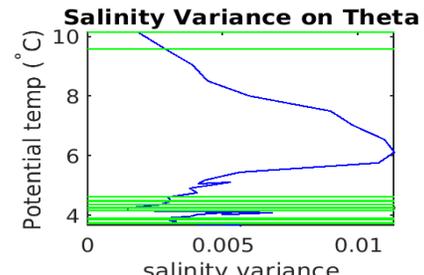Pressure: : -- < pres < --

Theta: -- < theta < --

Breaks: --

Output

Pcond factor: [0.9998 - 1]

Salinity Offset: [-0.0077225 - 0.00016461]

4901704 profile locations with historical data

4901704 potential conductivity (mmho/cm) multiplicative correction r with errors

4901704 vertically-averaged salinity (PSS-78) additive correction △ S with errors

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

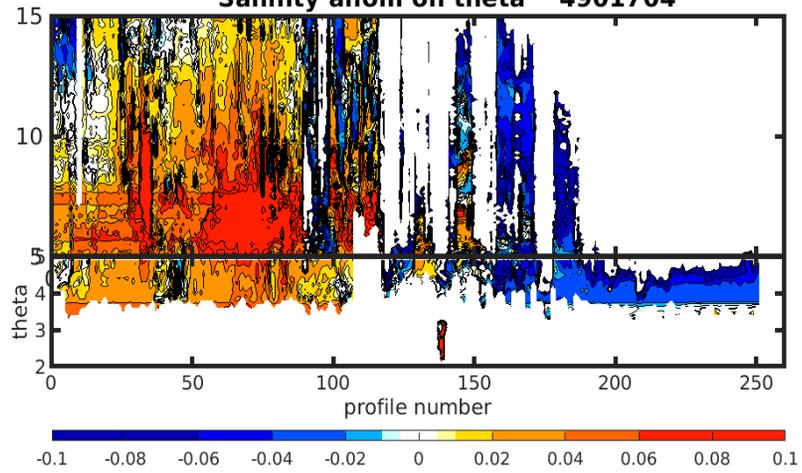Salinity Variance on Theta

OW chosen levels -4901704
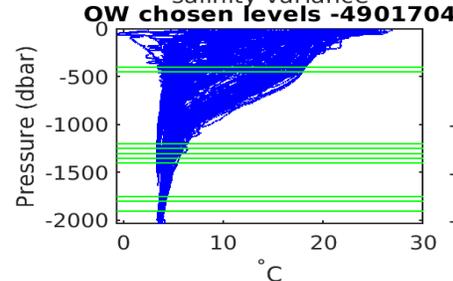
4901704 uncalibrated float data (-)
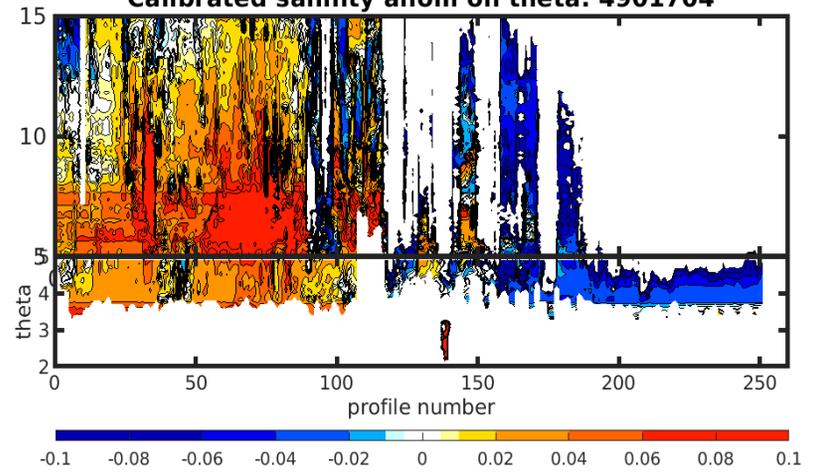**and mapped salinity (o) with objective errors**
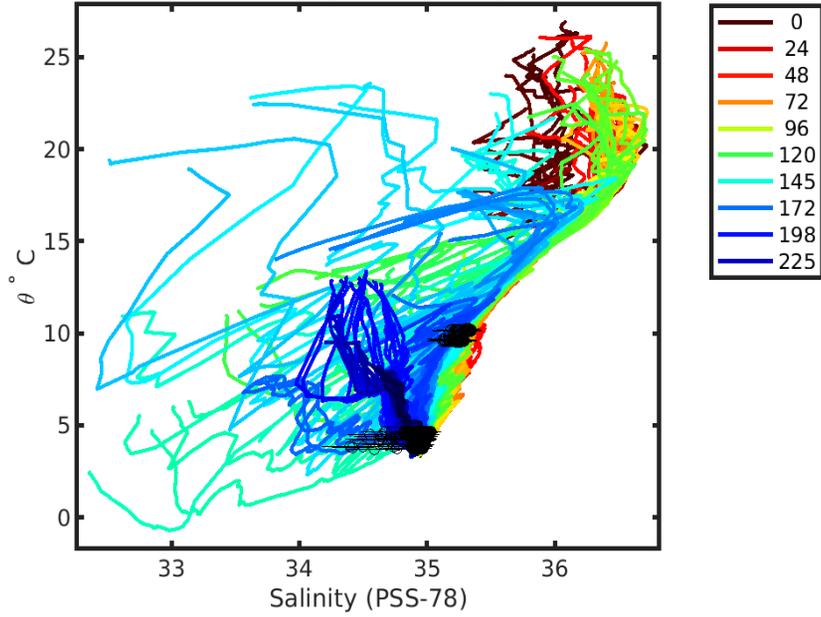
4901704 calibrated float data (-)
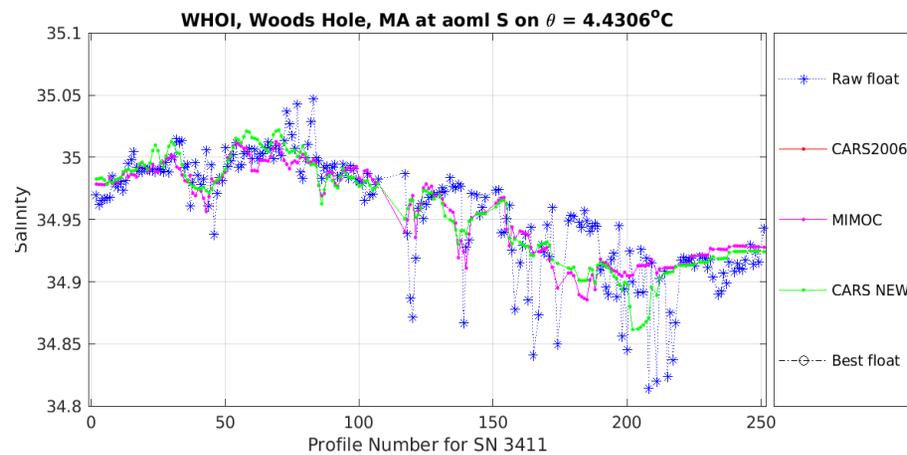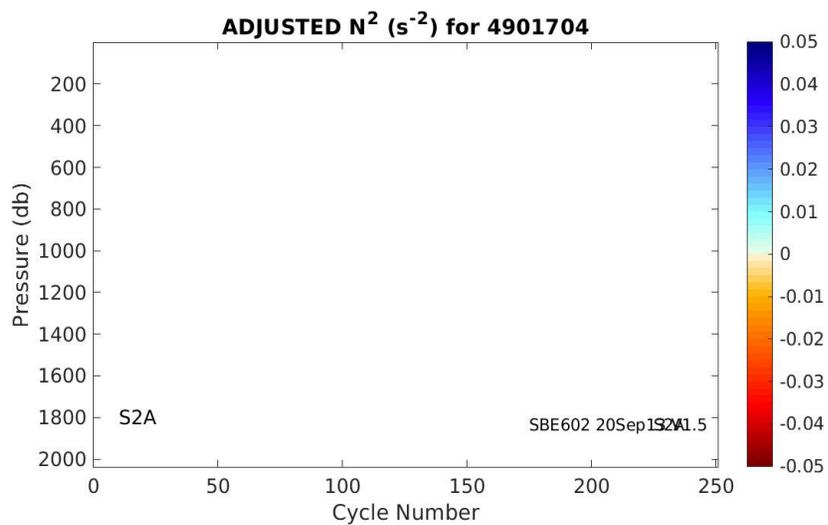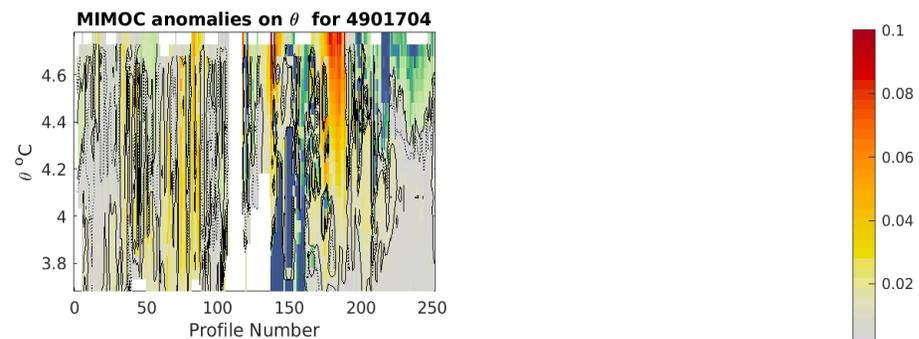**and mapped salinity (o) with objective errors**
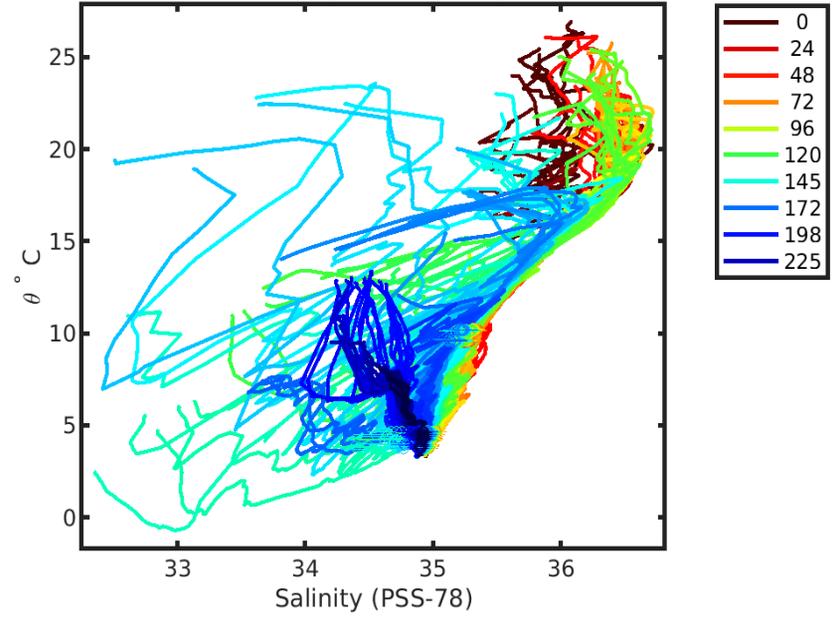
Salinity anom on theta   4901704

Calibrated salinity anom on theta. 4901704

RAW N² (s⁻²) for 4901704

SBE41CP
SBE41CP
DRUCK₂900PSIA

ADJUSTED N² (s⁻²) for 4901704

S2A

SBE602 20Sep1S2A1.5

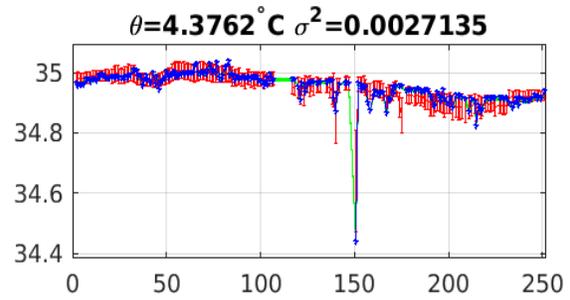## MIMOC anomalies on θ for 4901704

CARS NEW anomalies on θ for 4901704 Anomalies from all profile average on θ

WHOI, Woods Hole, MA at aoml S on θ = 4.4306°C

Raw float
CARS2006
MIMOC
CARS NEW
Best float

Profile Number for SN 3411
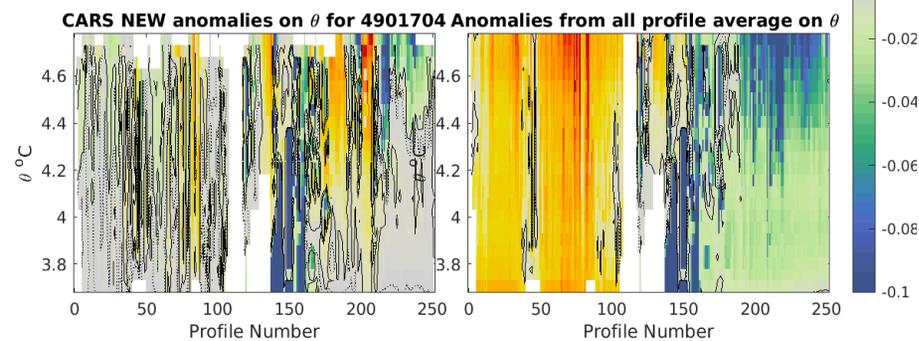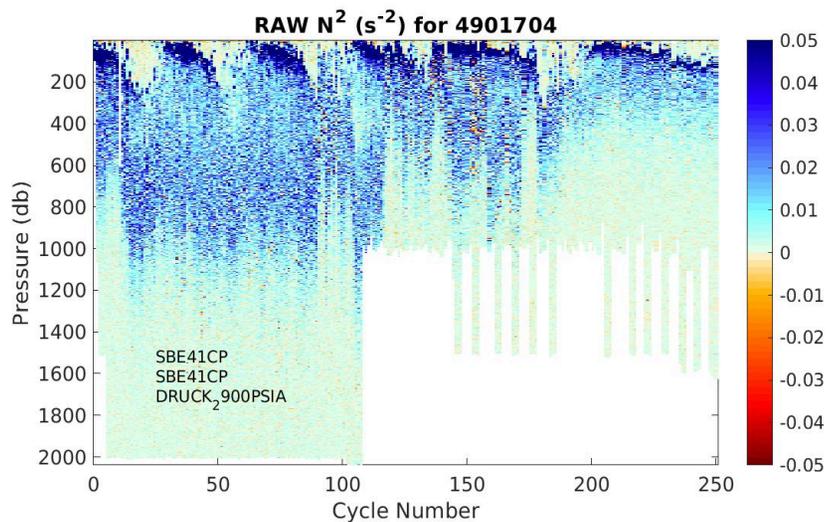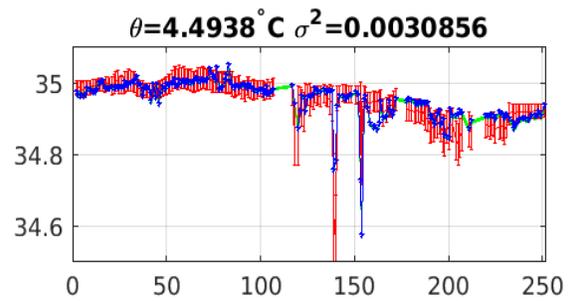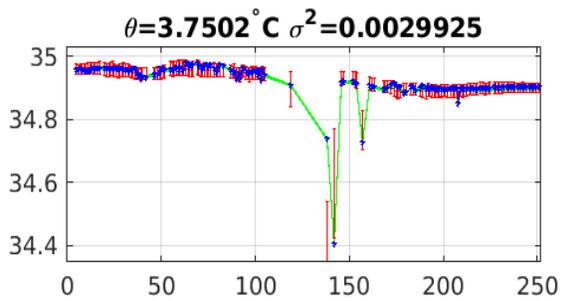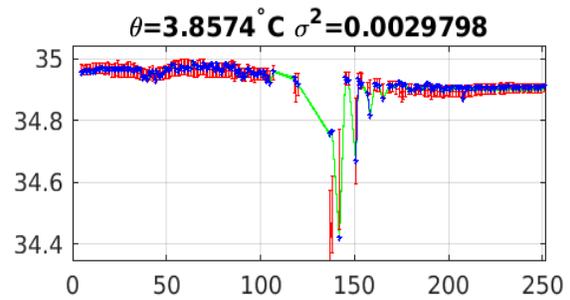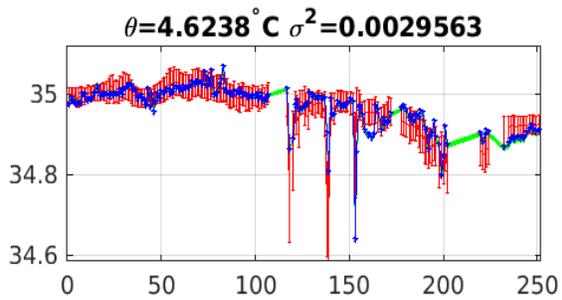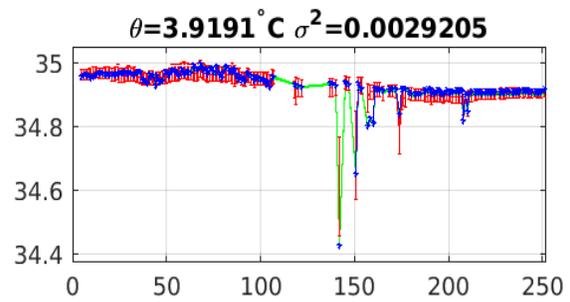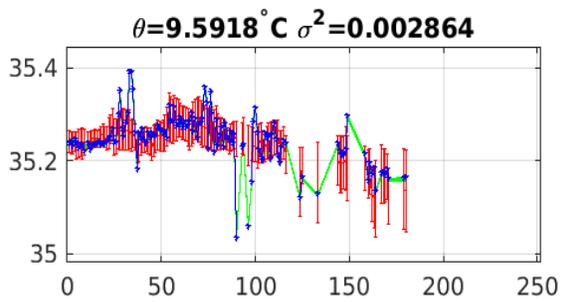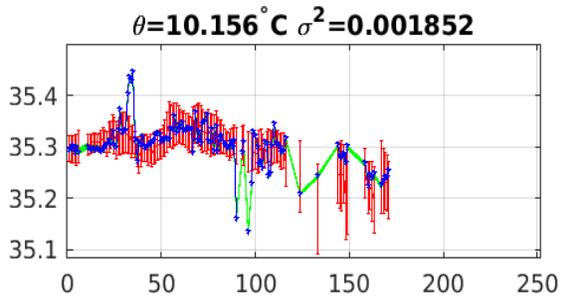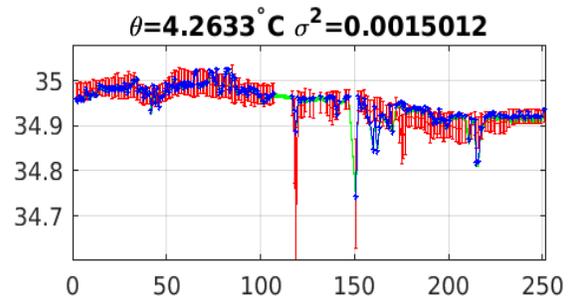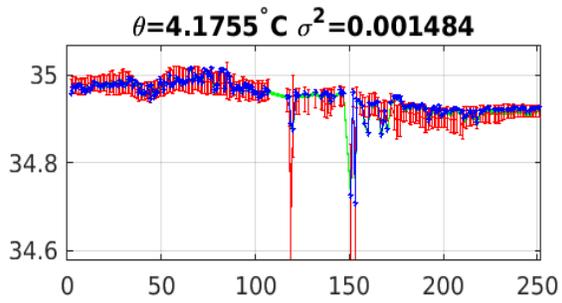
Blue: uncal float; Red: mapped salinity; Green: cal float w/1xerr