

WMO 4903464 - OWC Summary Plots

DMQC Operator: Sachiko Yoshida
 Date: 11-Oct-2023 14:49:00
 Cycles: 0 - 72
 Dfiles: -

Config File: cow_config_sm.txt
 WMO Boxes: wmo_boxes_ctd21argo22.mat
 Historical Argo: ARGO_for_DMQC_2022V03_1XXX.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

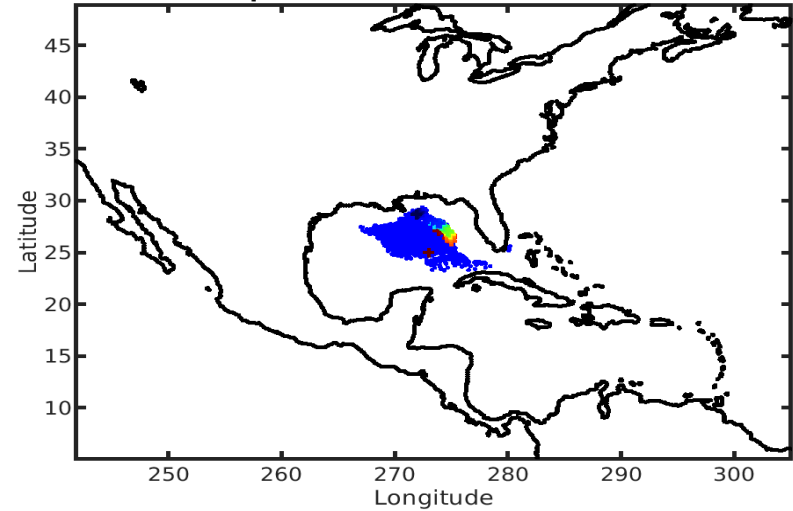
OWC Parameters

Pressure: : 800 < pres < --
 Theta: -- < theta < --
 Breaks: 57.6846

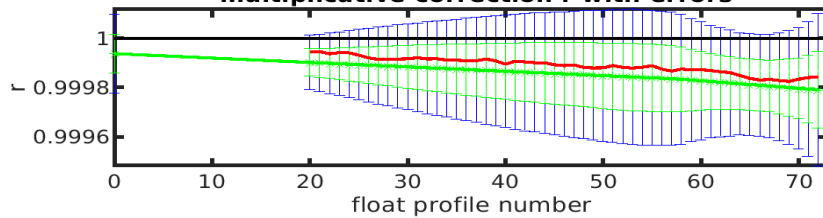
Output

Pcond factor: [0.99979 - 0.99994]
 Salinity Offset: [-0.0082159 - -0.0025236]

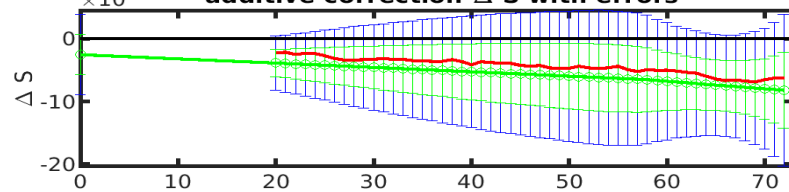
4903464 profile locations with historical data



4903464 potential conductivity (mmho/cm) multiplicative correction r with errors

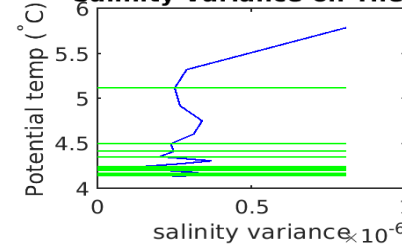


4903464 vertically-averaged salinity (PSS-78) additive correction ΔS with errors

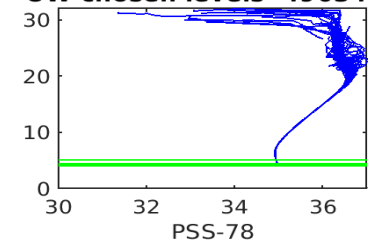


float profile number - blue: 2xcal error; green: 1xcal error; red: 1-1 profile f

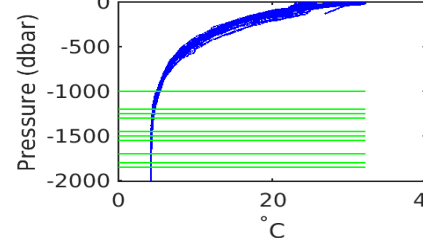
Salinity Variance on Theta



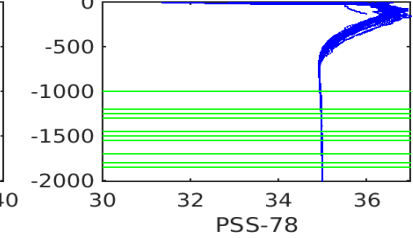
OW chosen levels -4903464



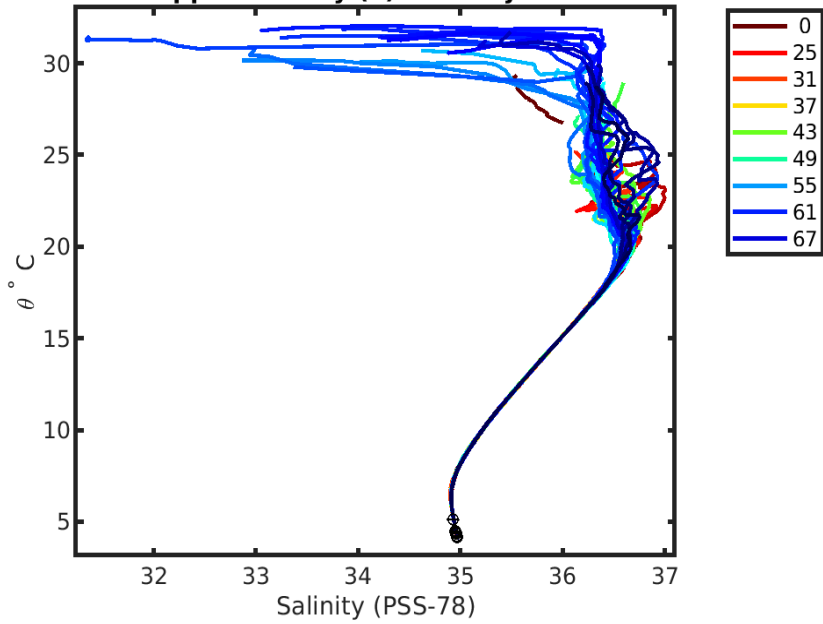
OW chosen levels -4903464



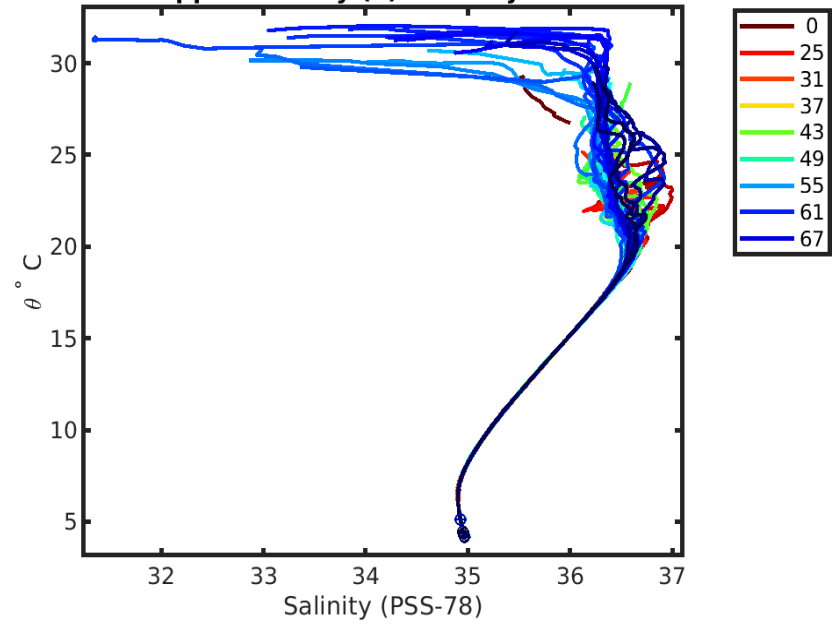
OW chosen levels -4903464



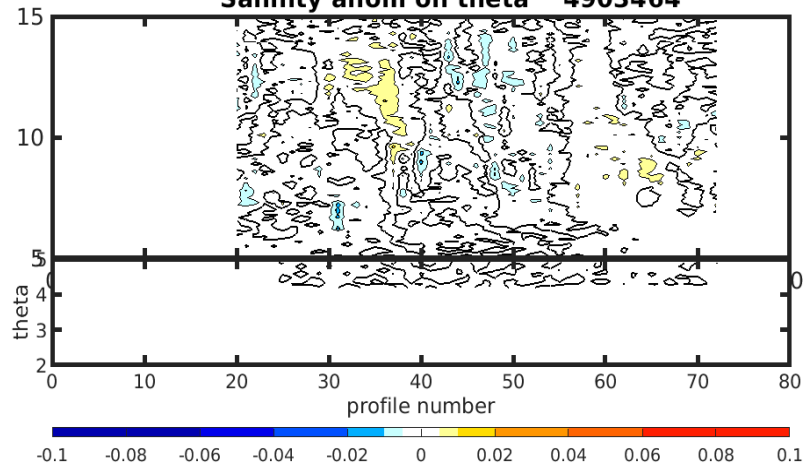
**4903464 uncalibrated float data (-)
and mapped salinity (o) with objective errors**



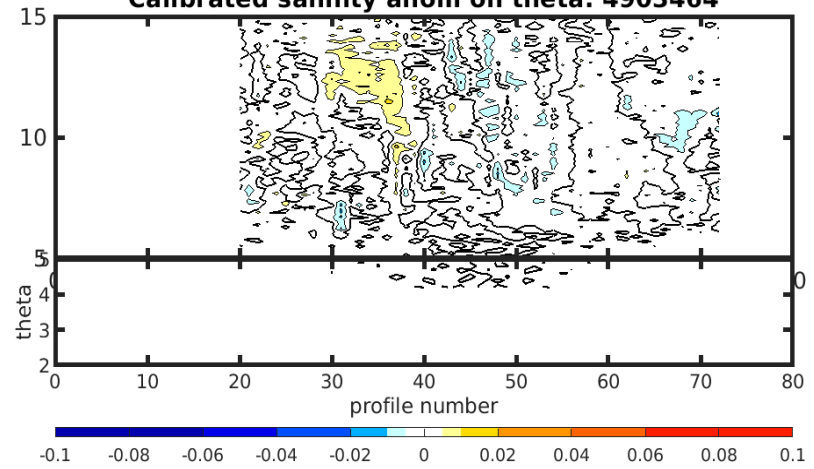
**4903464 calibrated float data (-)
and mapped salinity (o) with objective errors**

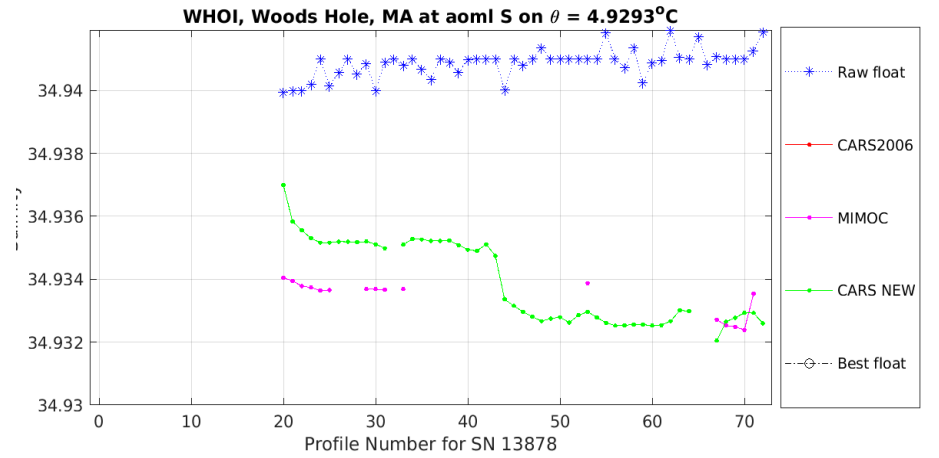
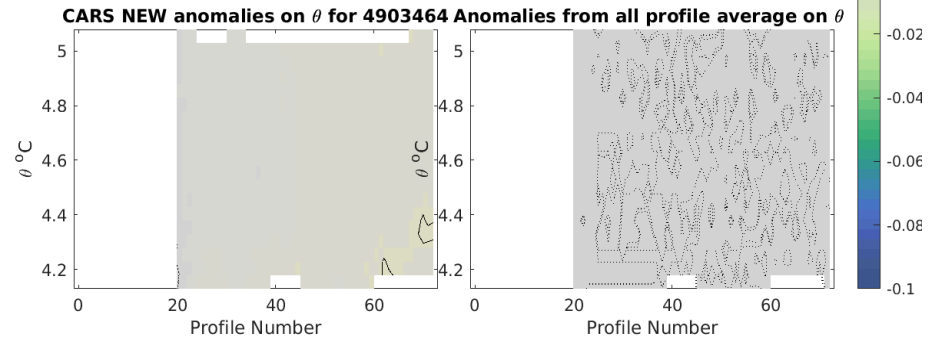
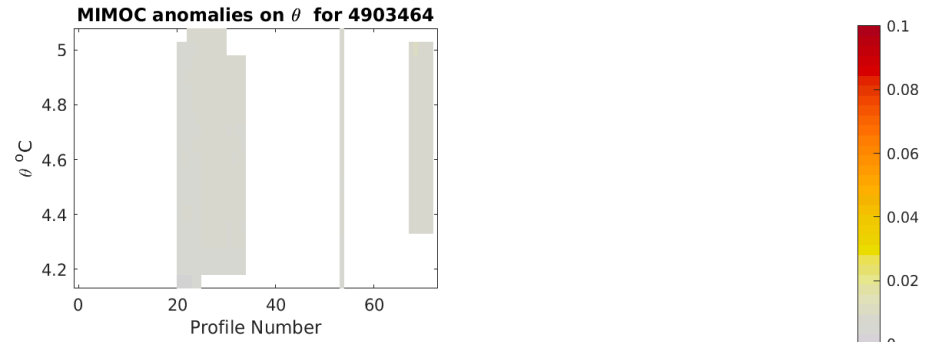
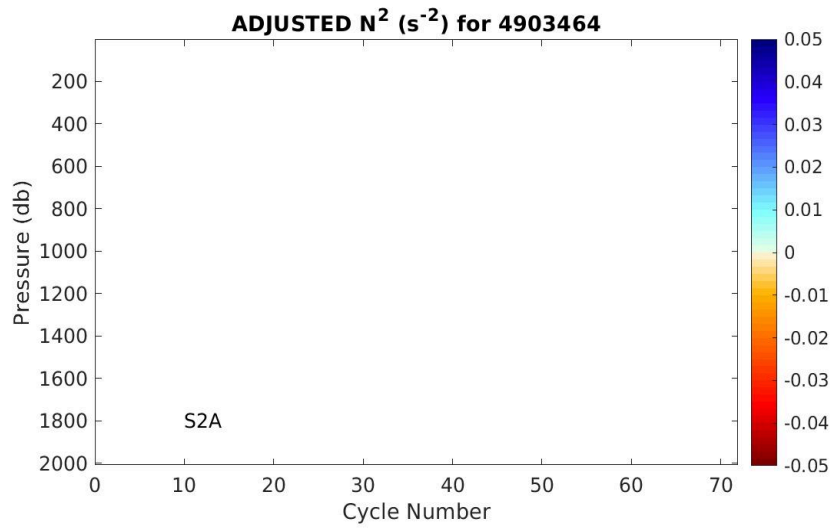
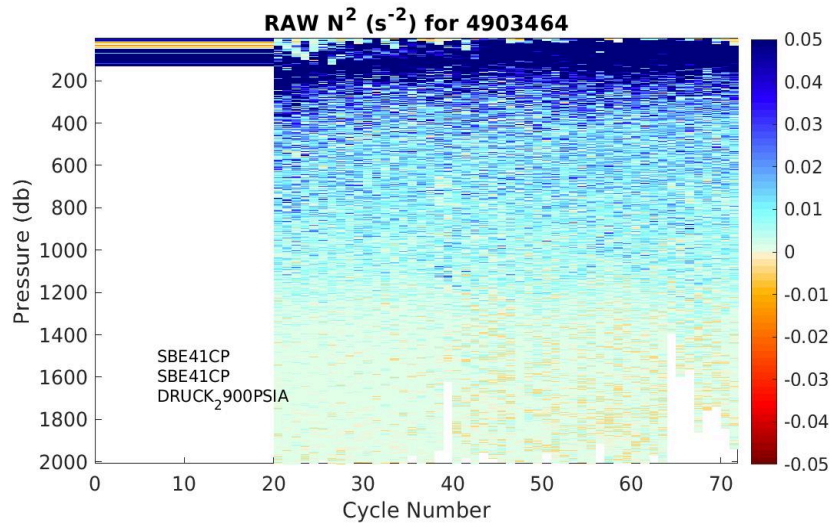


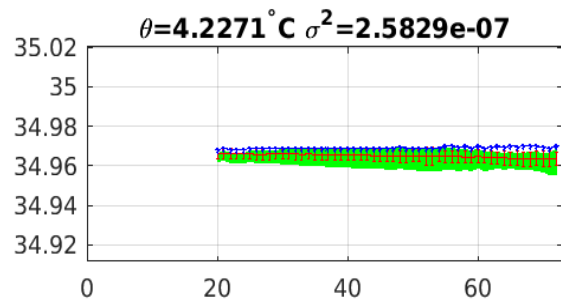
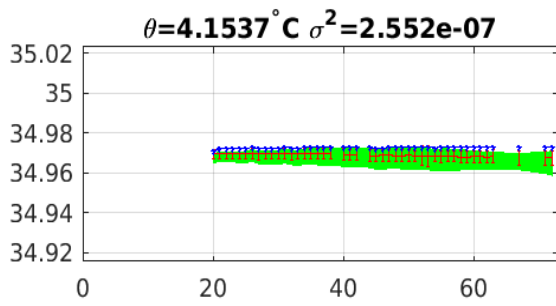
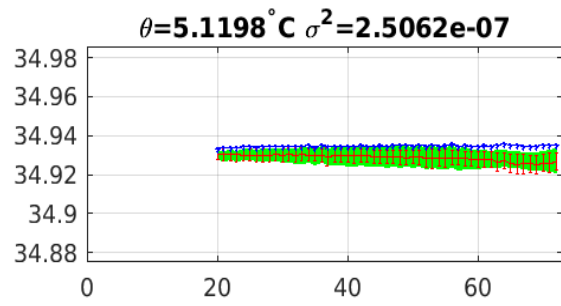
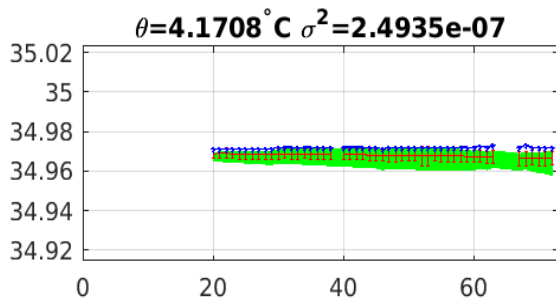
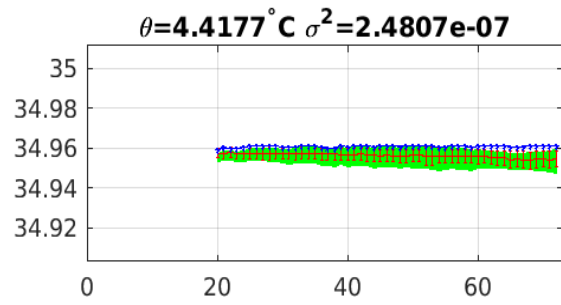
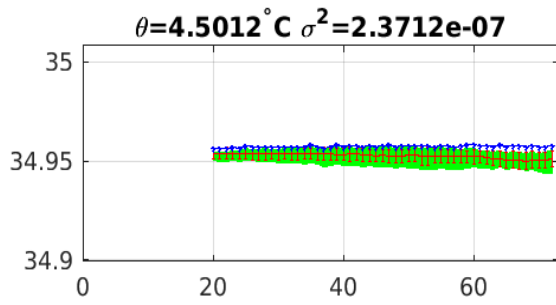
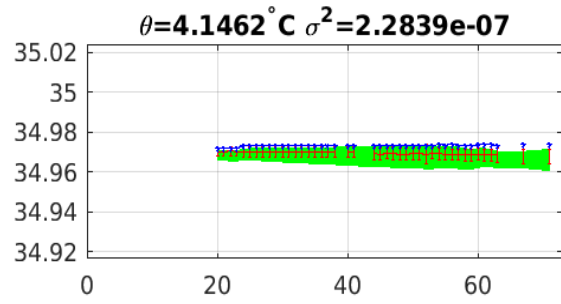
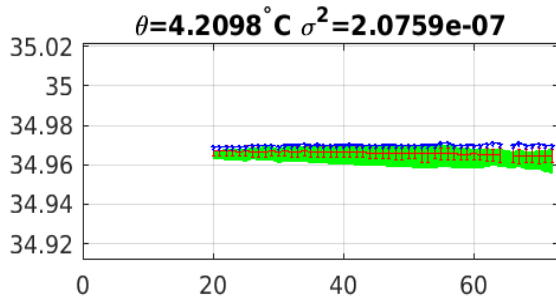
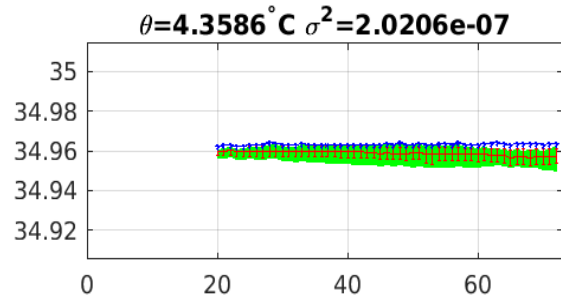
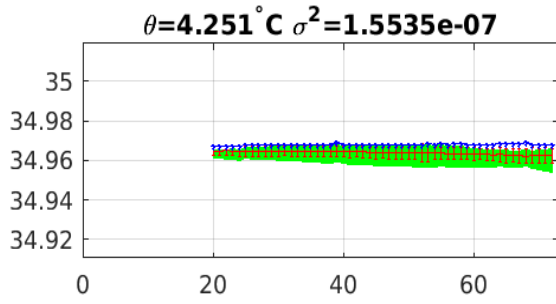
Salinity anom on theta 4903464



Calibrated salinity anom on theta. 4903464







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