

WMO 3901241 - OWC Summary Plots

DMQC Operator: Deb West-Mack
 Date: 17-Aug-2021 11:56:45
 Config File: cow_config_sm.txt

WMO Boxes: wmo_boxes_ctd21argo20.mat
 Historical Argo: ARGO_for_DMQC_2020V03.tar.gz
 Historical CTD: CTD_for_DMQC_2021V01_1.tar.gz

Map Scale

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

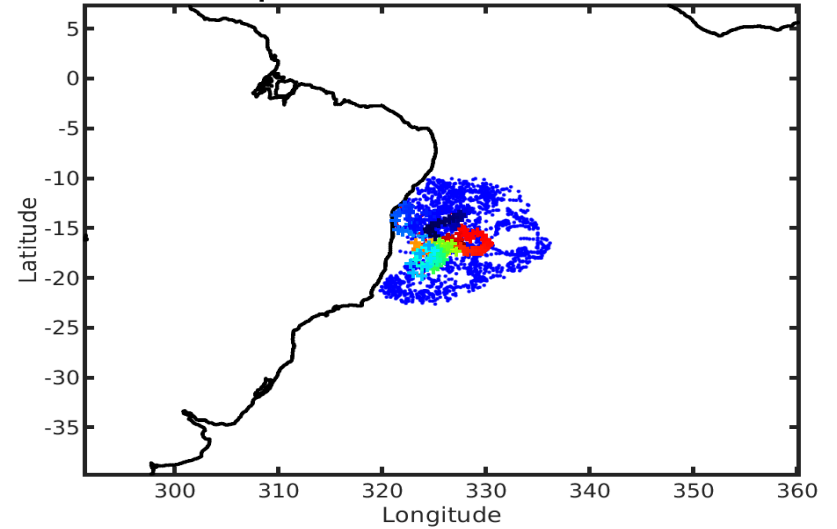
OWC Parameters

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

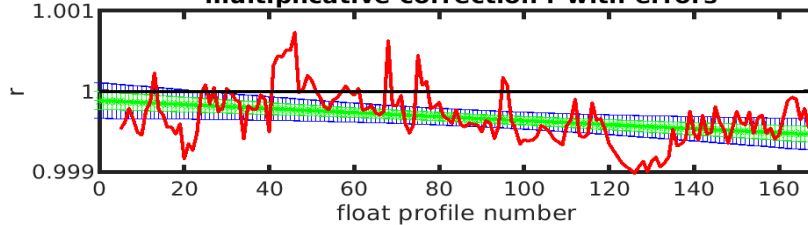
Output

Pcond factor: [0.99947 - 0.99989]
 Salinity Offset: [-0.020726 - -0.0045437]

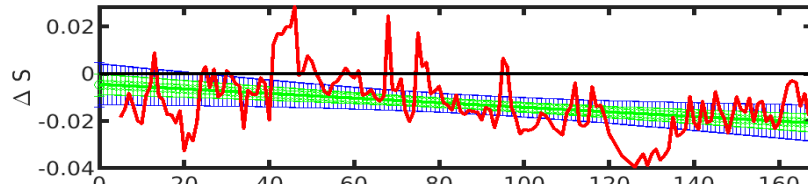
3901241 profile locations with historical data



3901241 potential conductivity (mmho/cm) multiplicative correction r with errors

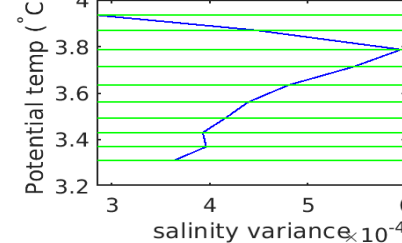


3901241 vertically-averaged salinity (PSS-78) additive correction ΔS with errors

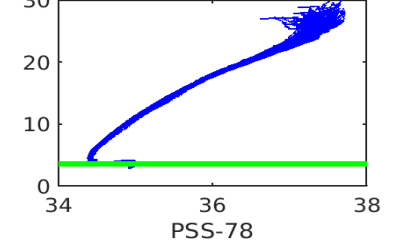


float profile number - blue: 2xcal error; green: 1xcal error; red: 1-1 profile f

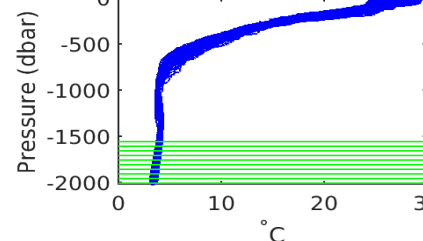
Salinity Variance on Theta



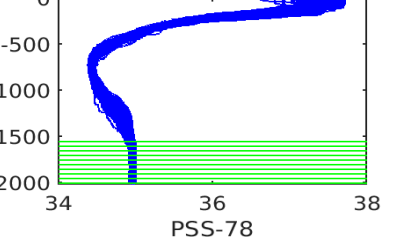
OW chosen levels -3901241



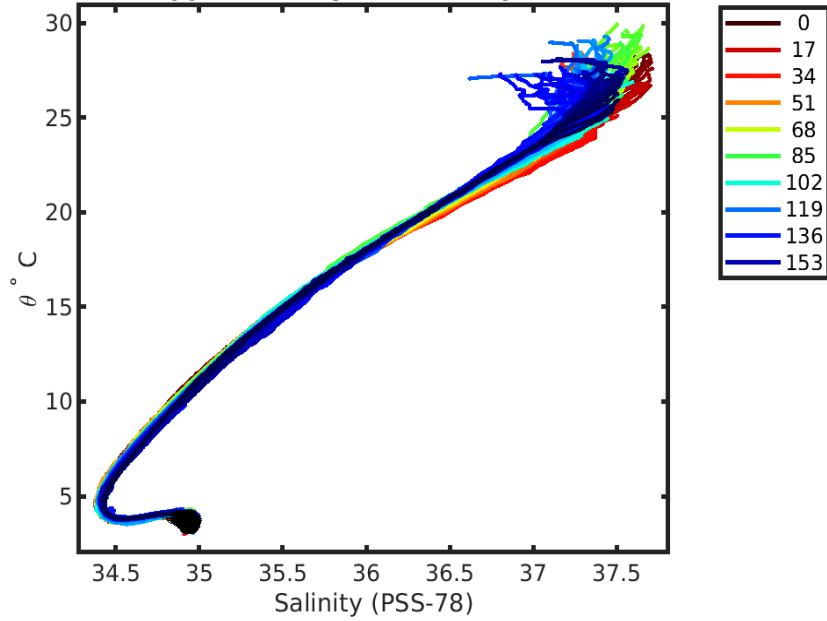
OW chosen levels -3901241



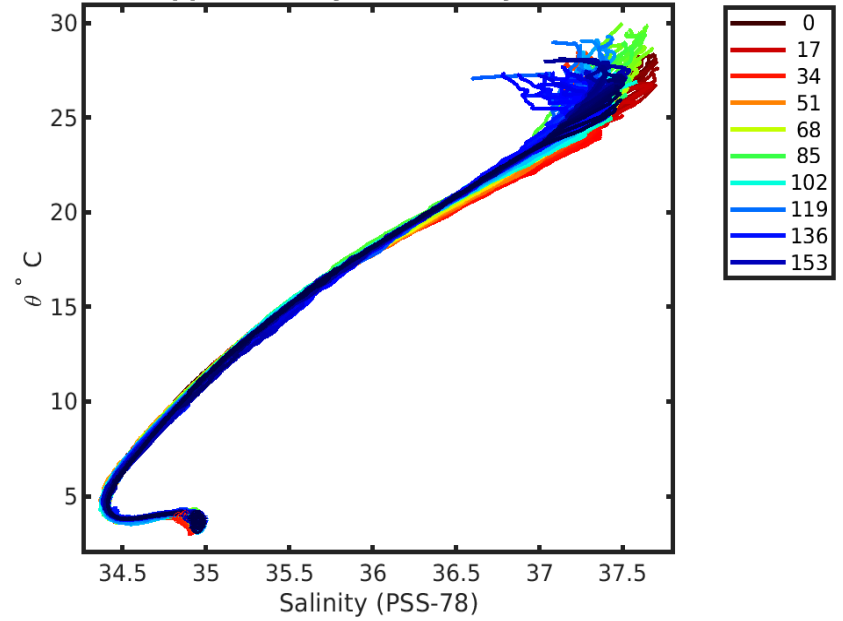
OW chosen levels -3901241



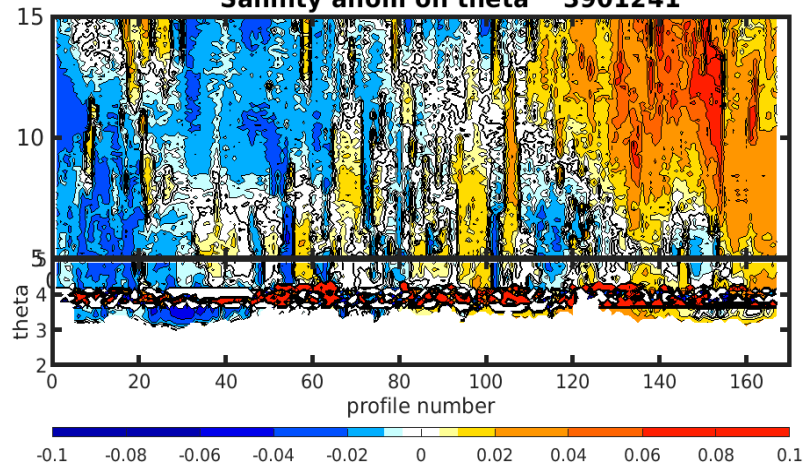
**3901241 uncalibrated float data (-)
and mapped salinity (o) with objective errors**



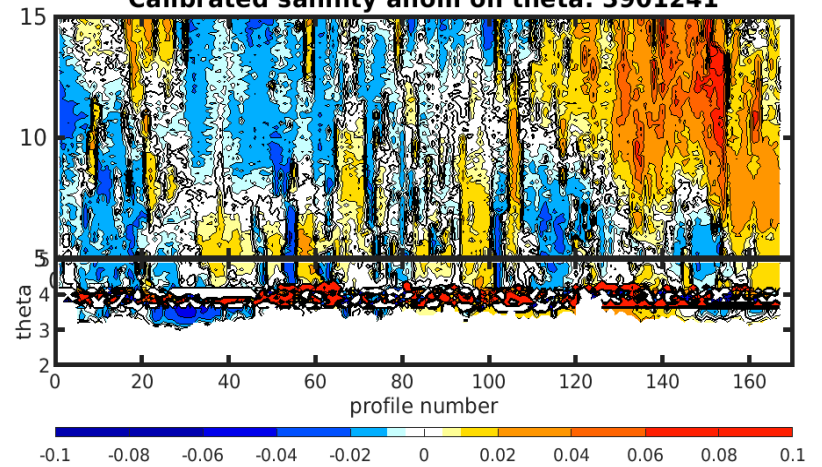
**3901241 calibrated float data (-)
and mapped salinity (o) with objective errors**

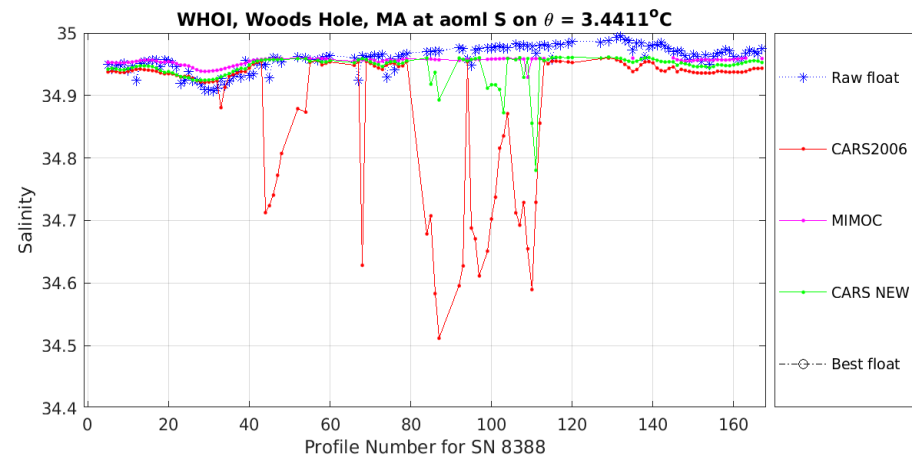
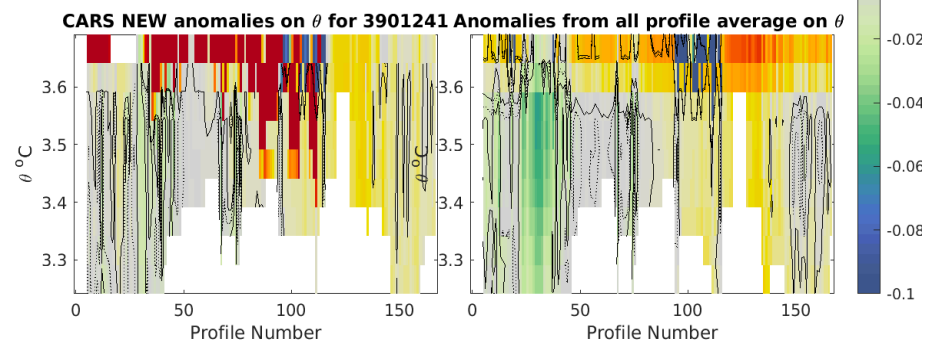
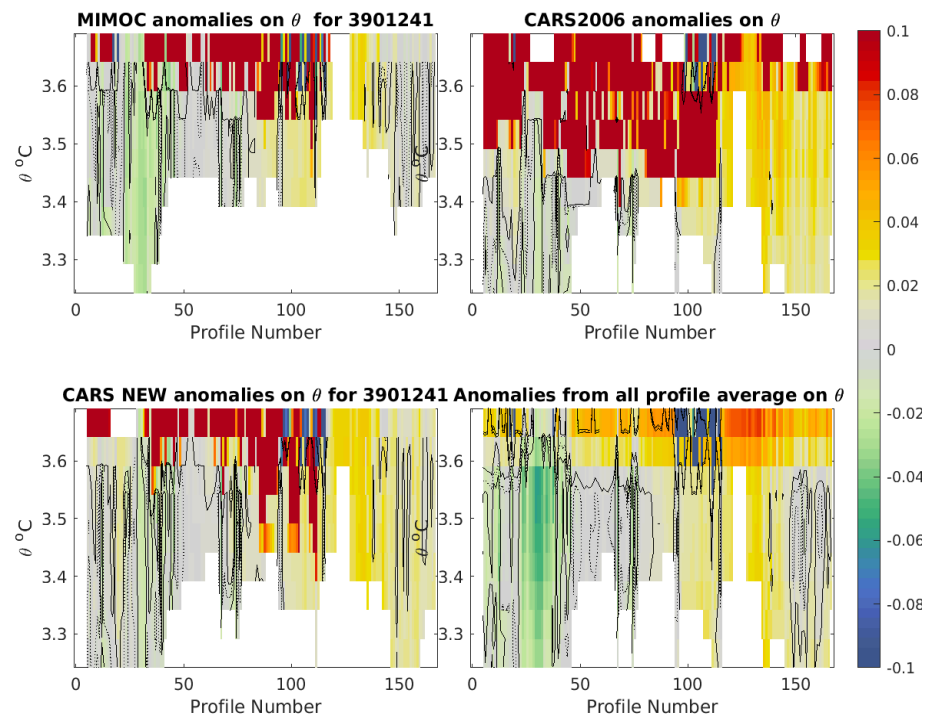
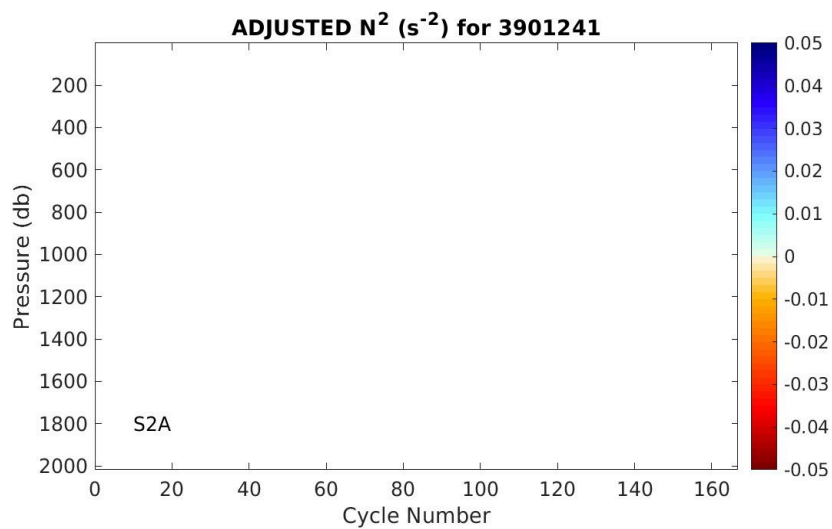
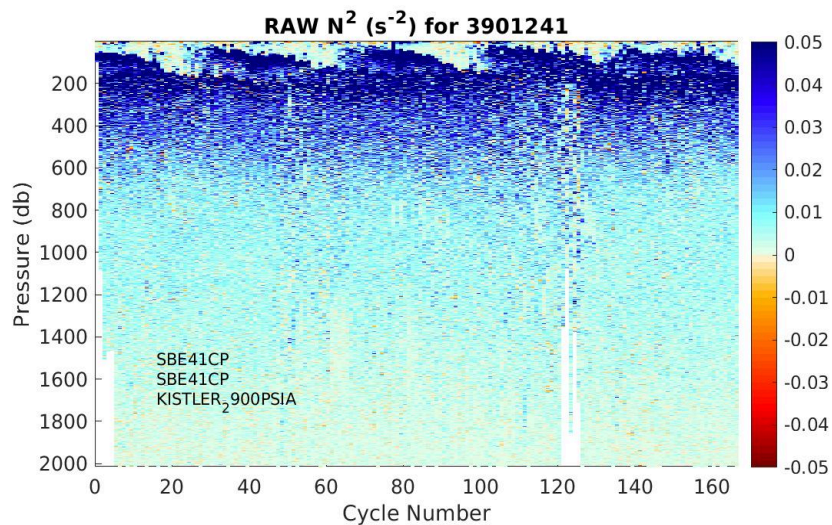


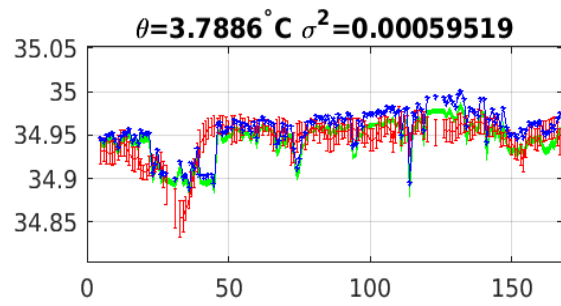
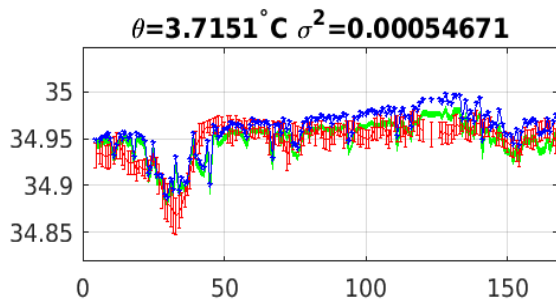
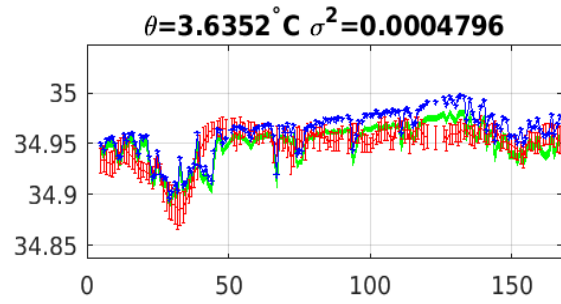
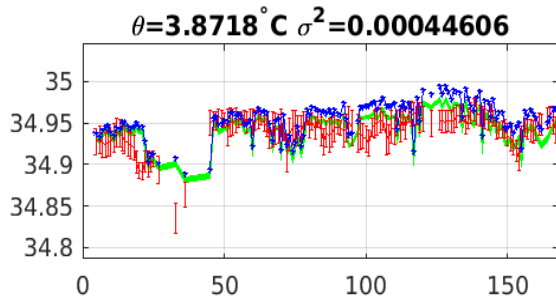
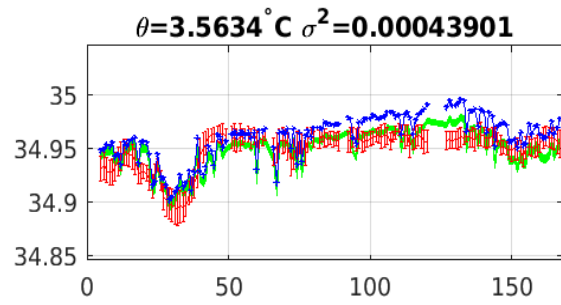
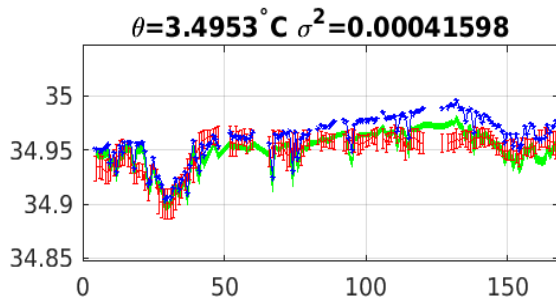
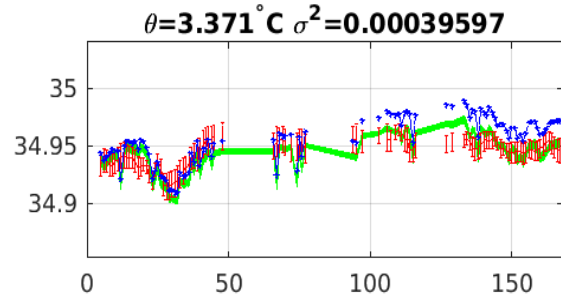
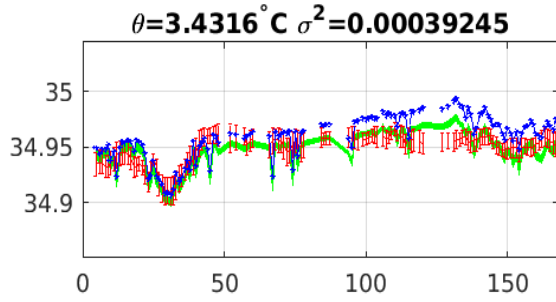
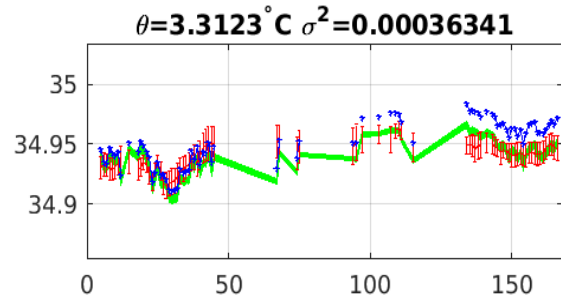
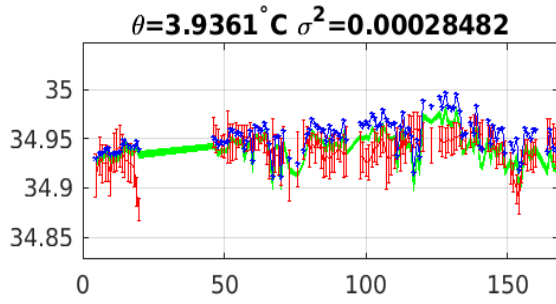
Salinity anom on theta 3901241



Calibrated salinity anom on theta. 3901241







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