

WMO 2902395 - OWC Summary Plots

DMQC Operator: Deb West-Mack
 Date: 01-Nov-2021 14:08:04
 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

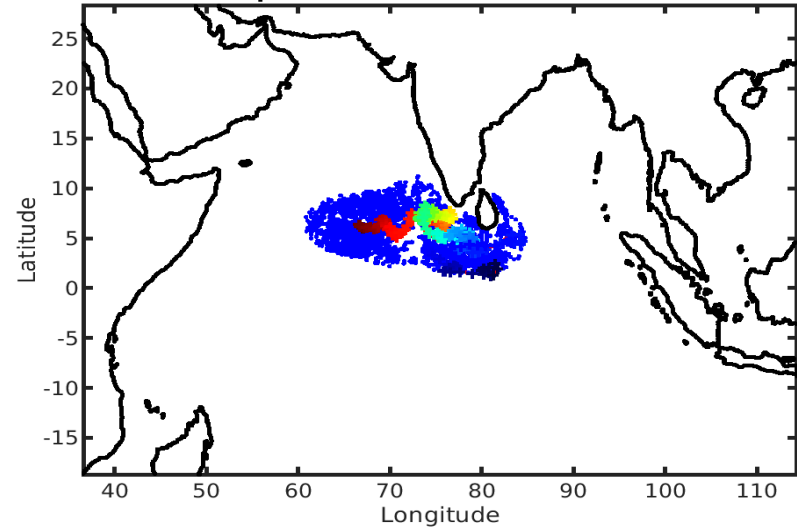
OWC Parameters

Pressure: : -- < pres < --
 Theta: -- < theta < --
 Breaks: 135.4101

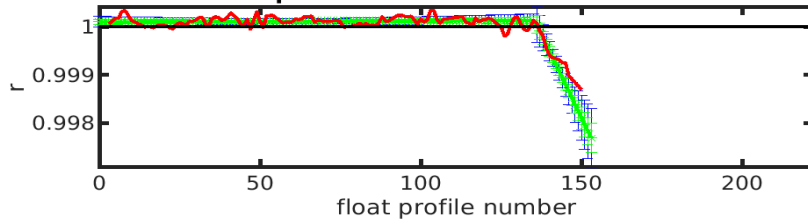
Output

Pcond factor: [0.99769 - 1.0001]
 Salinity Offset: [-0.09035 - 0.0051498]

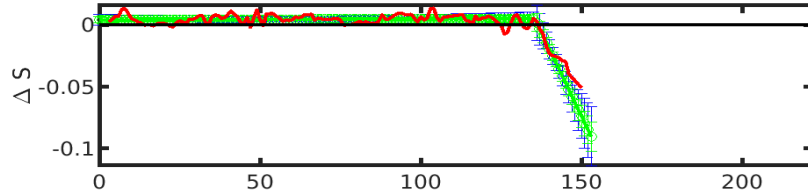
2902395 profile locations with historical data



2902395 potential conductivity (mmho/cm) multiplicative correction r with errors

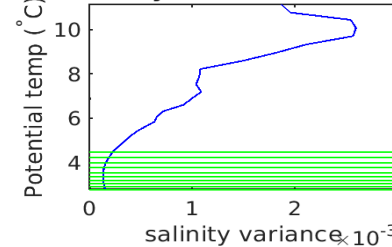


2902395 vertically-averaged salinity (PSS-78) additive correction ΔS with errors

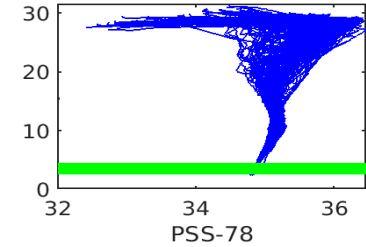


float profile number - blue: 2xcal error; green: 1xcal error; red: 1-1 profile f

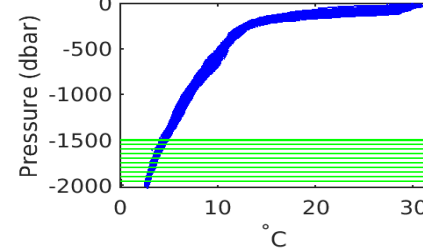
Salinity Variance on Theta



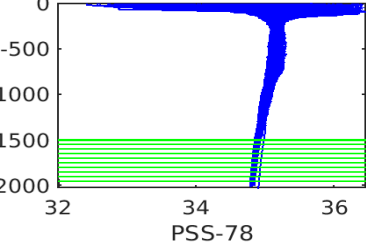
OW chosen levels -2902395



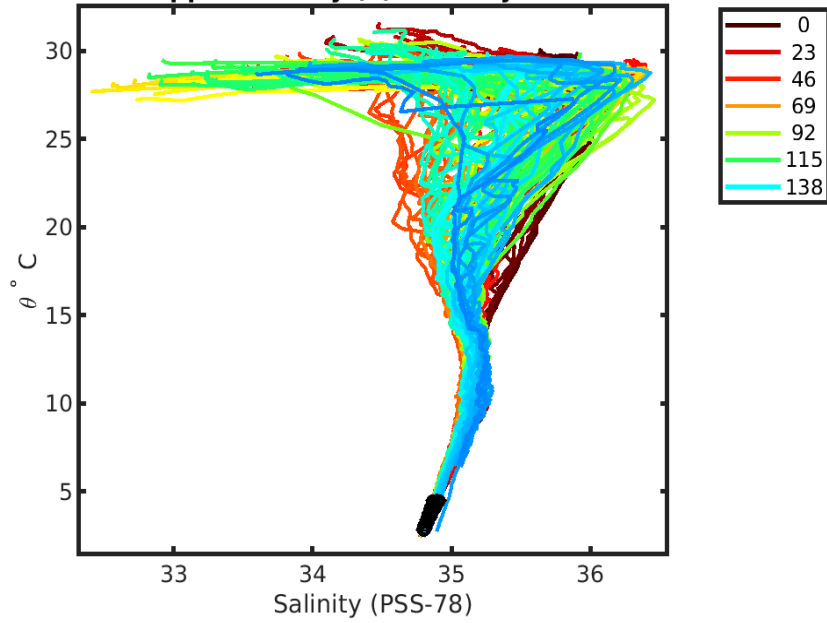
OW chosen levels -2902395



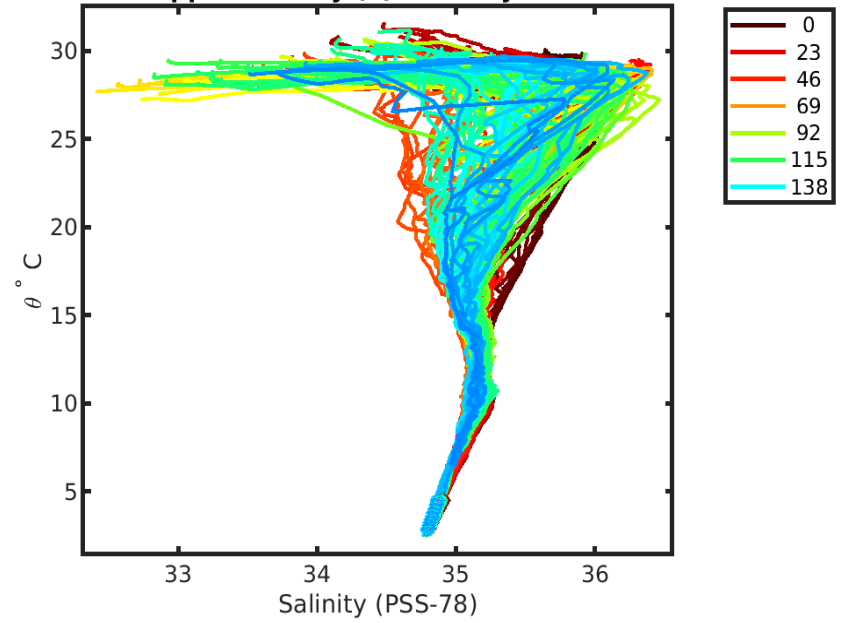
OW chosen levels -2902395



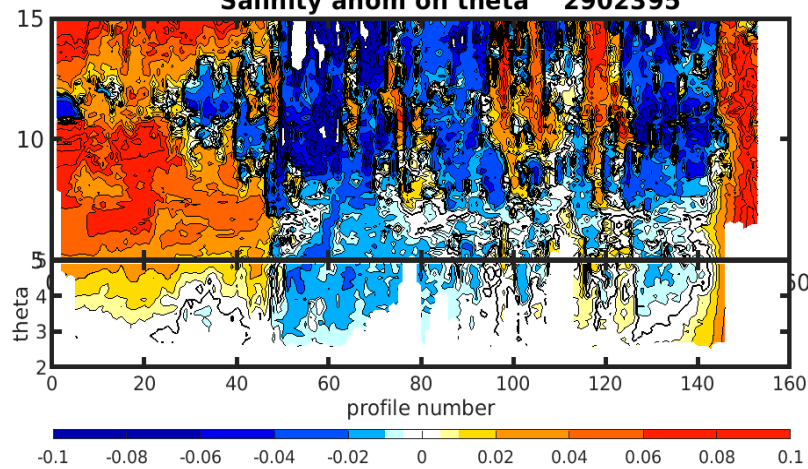
2902395 uncalibrated float data (-)
and mapped salinity (o) with objective errors



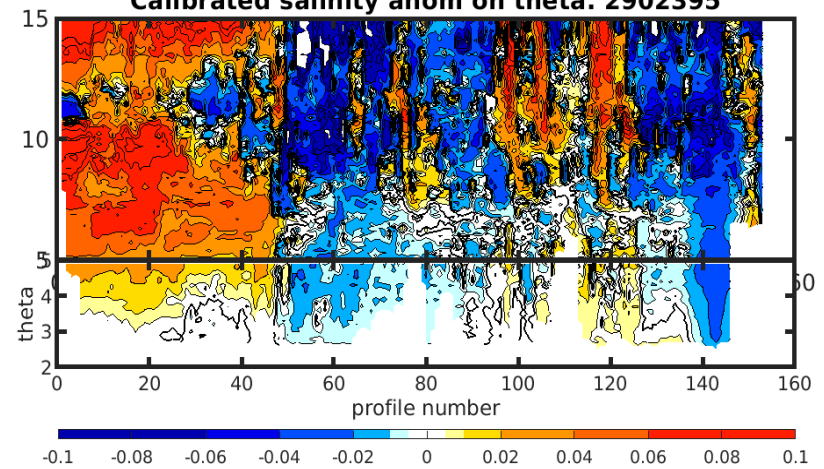
2902395 calibrated float data (-)
and mapped salinity (o) with objective errors

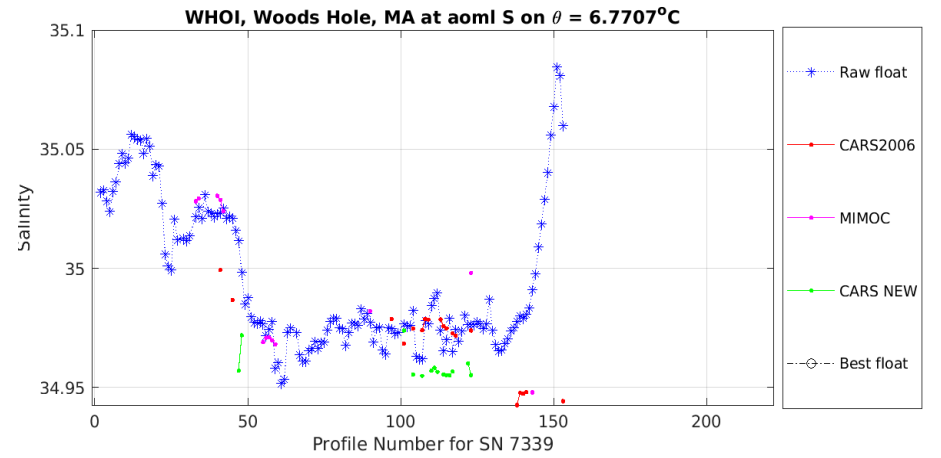
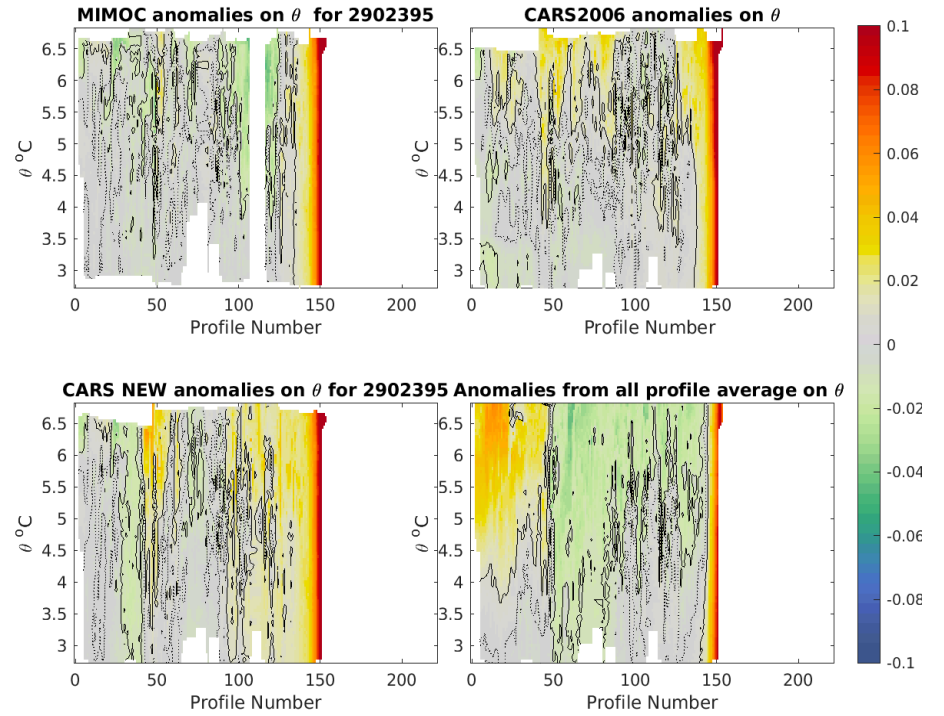
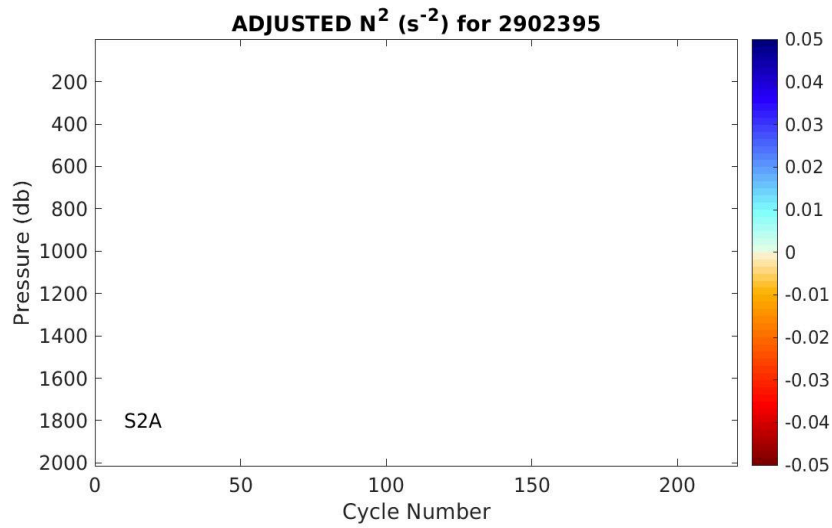
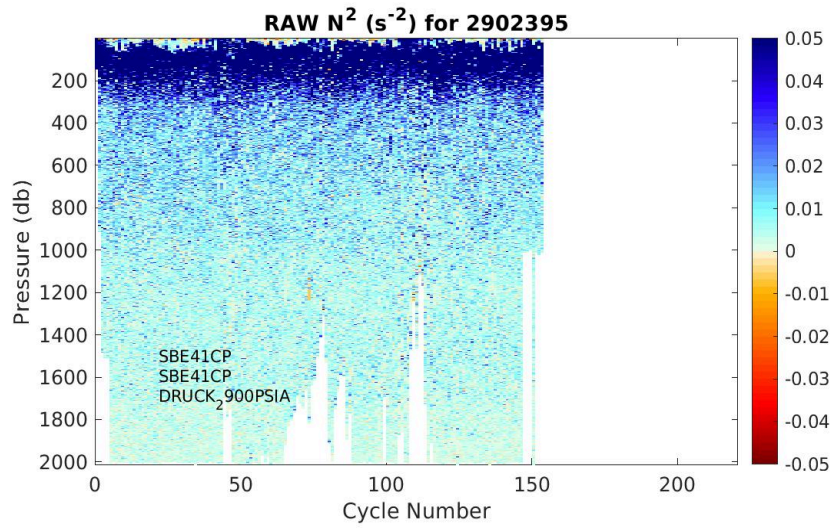


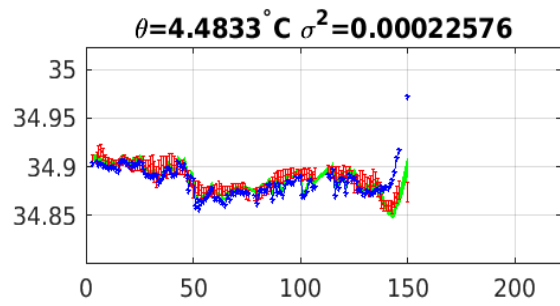
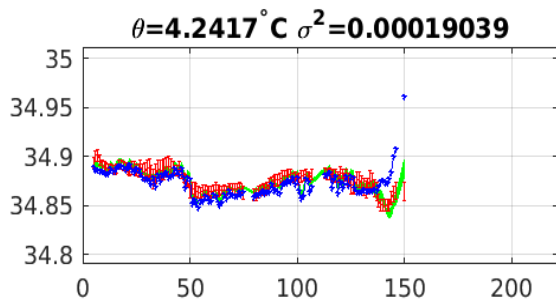
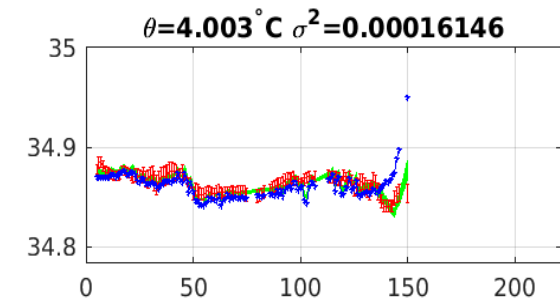
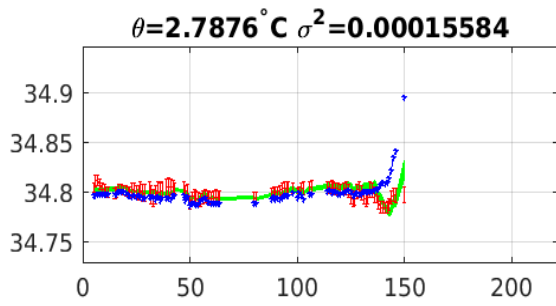
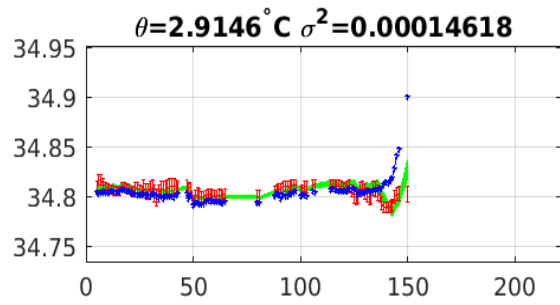
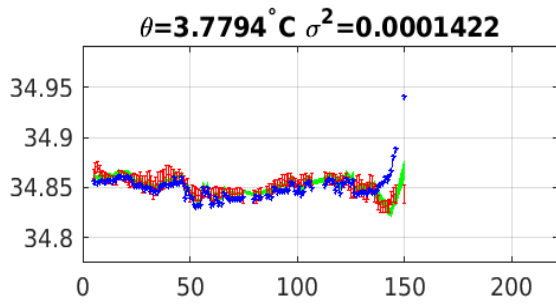
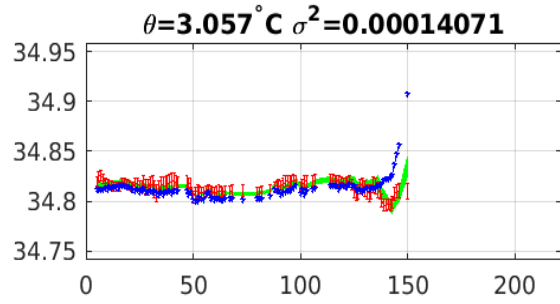
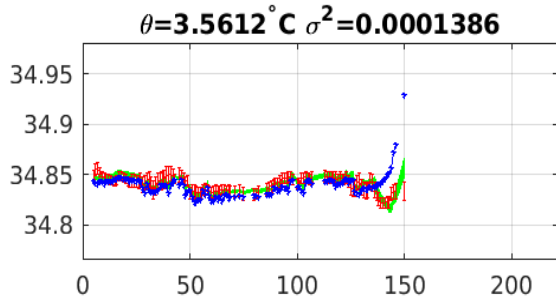
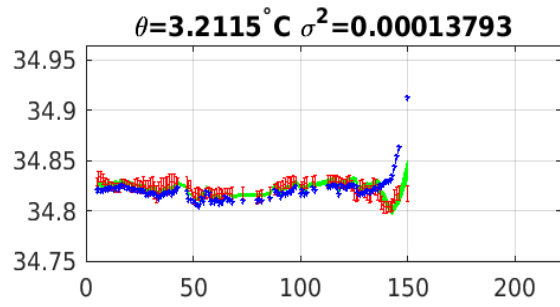
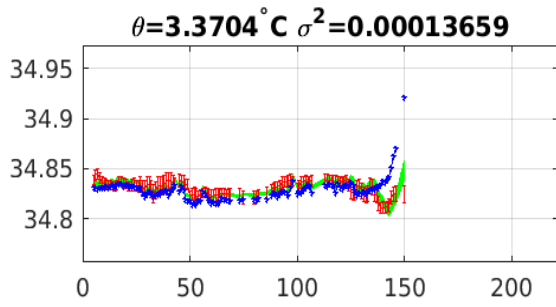
Salinity anom on theta 2902395



Calibrated salinity anom on theta. 2902395







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