

WMO 4902925 - OWC Summary Plots

DMQC Operator: Sachiko Yoshida
 Date: 17-Jun-2021 12:48:59
 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

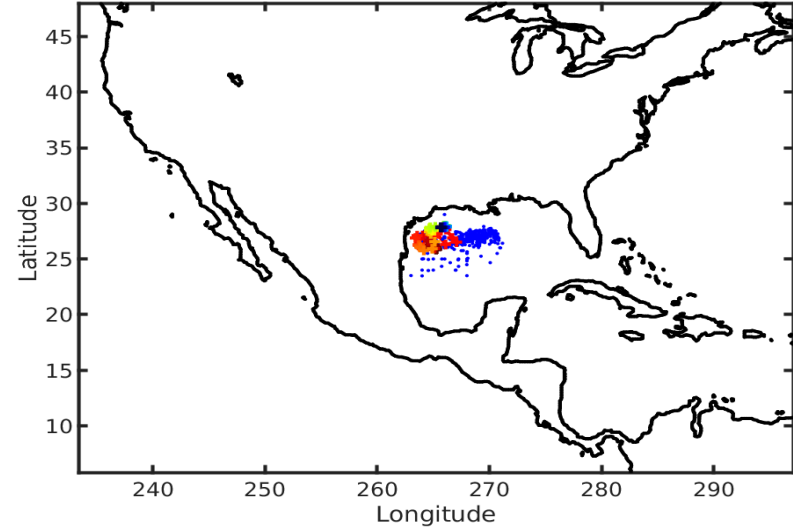
OWC Parameters

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

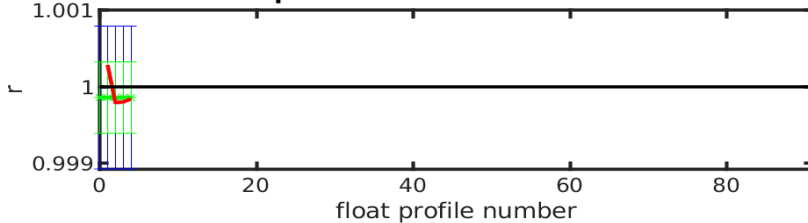
Output

Pcond factor: 0.99986
 Salinity Offset: [-0.0057241 - -0.0056113]

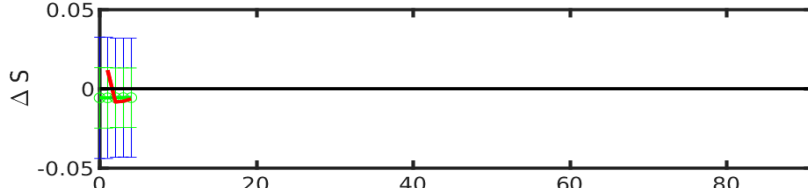
4902925 profile locations with historical data



4902925 potential conductivity (mmho/cm) multiplicative correction r with errors

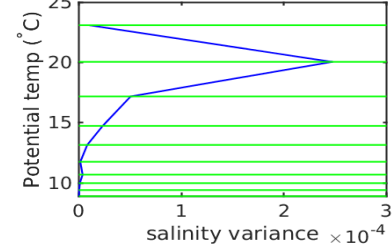


4902925 vertically-averaged salinity (PSS-78) additive correction ΔS with errors

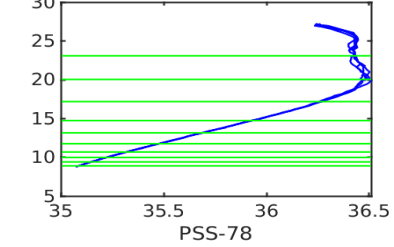


float profile number - blue: 2xcal error; green: 1xcal error; red: 1-1 profile f

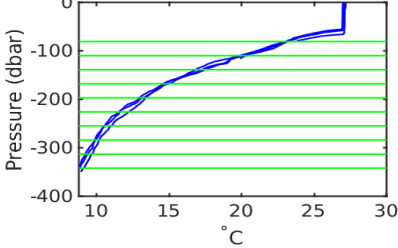
Salinity Variance on Theta



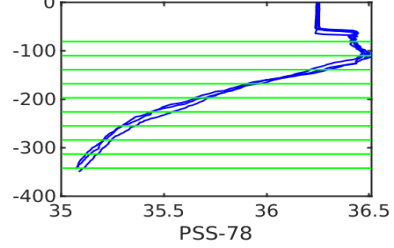
OW chosen levels -4902925



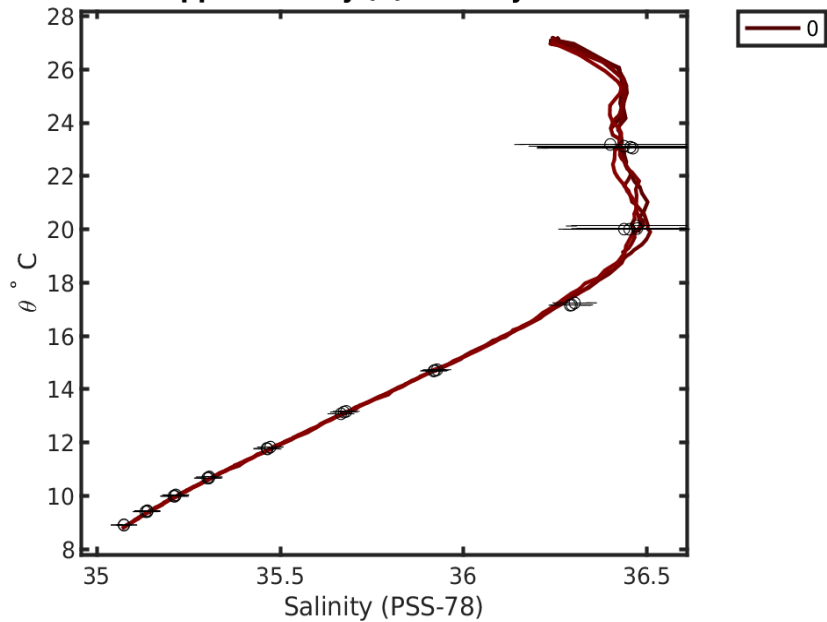
OW chosen levels -4902925



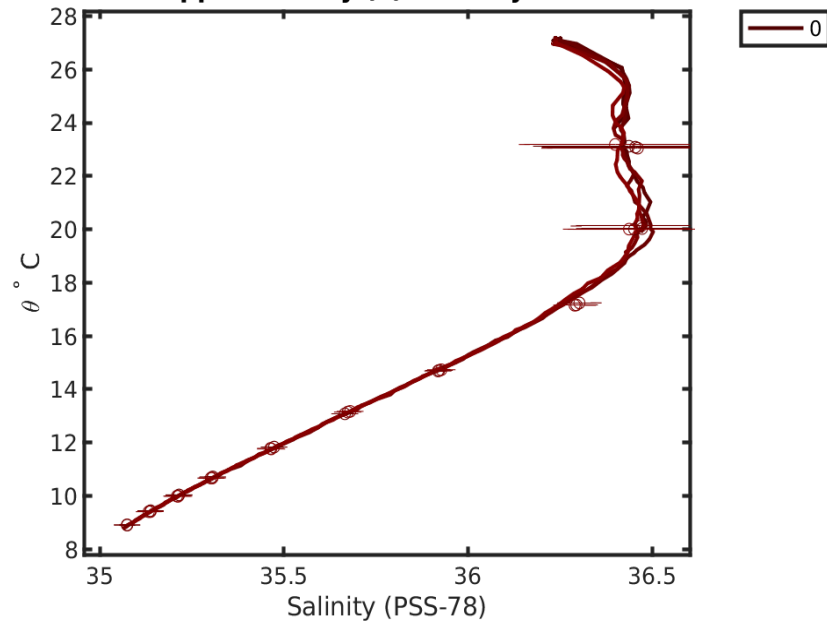
OW chosen levels -4902925



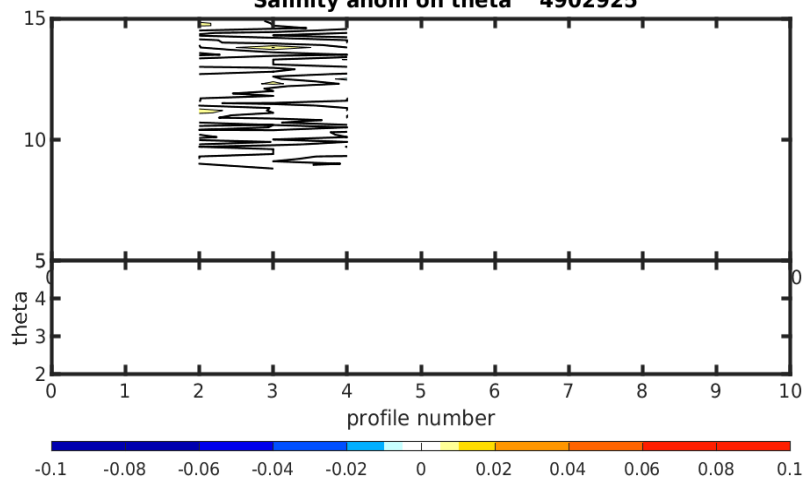
**4902925 uncalibrated float data (-)
and mapped salinity (o) with objective errors**



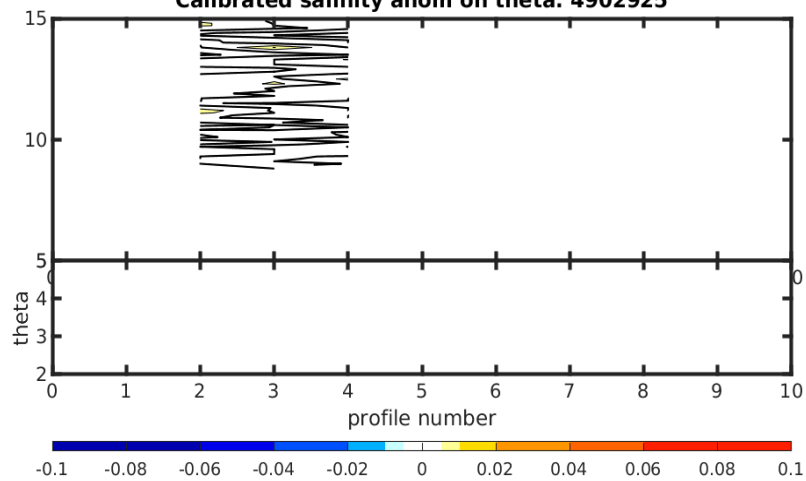
**4902925 calibrated float data (-)
and mapped salinity (o) with objective errors**

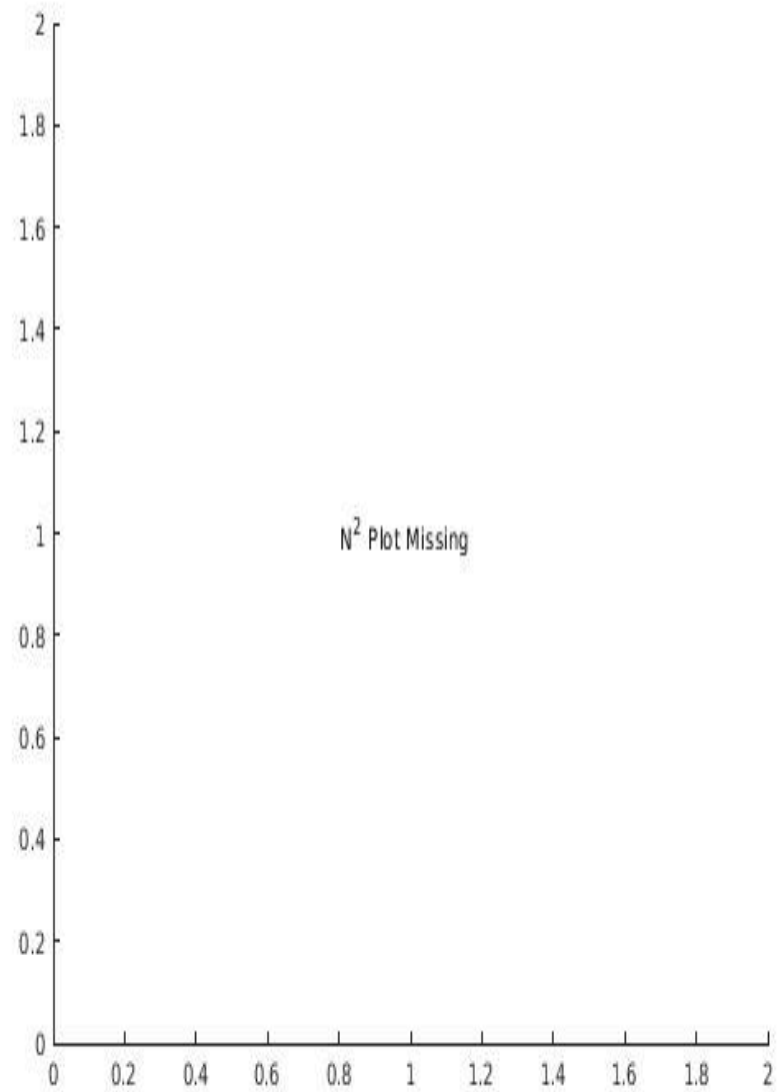


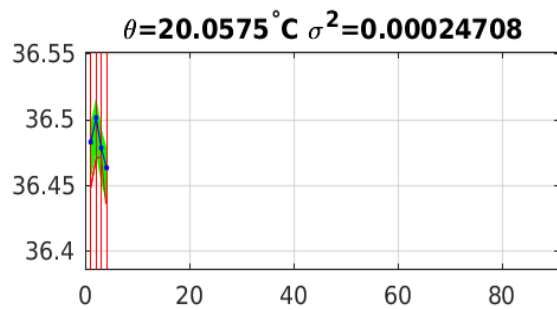
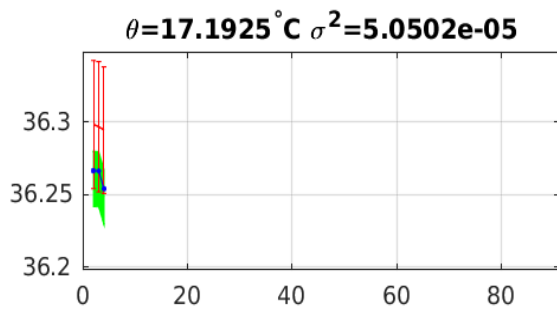
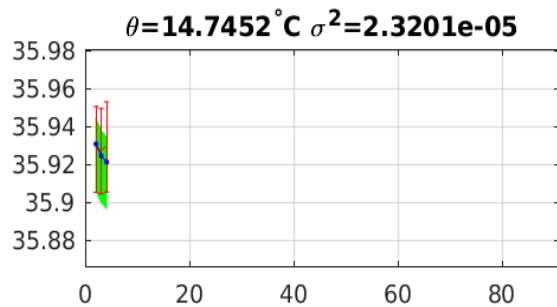
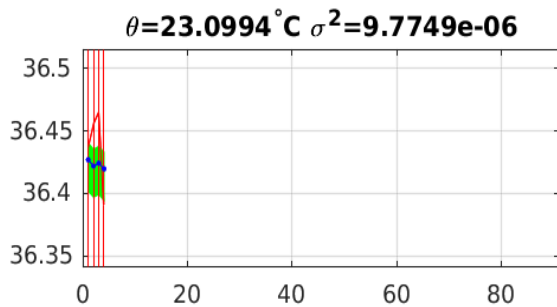
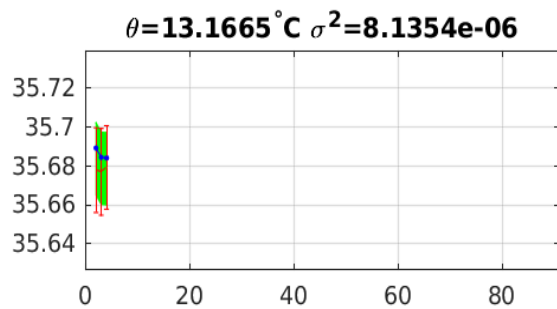
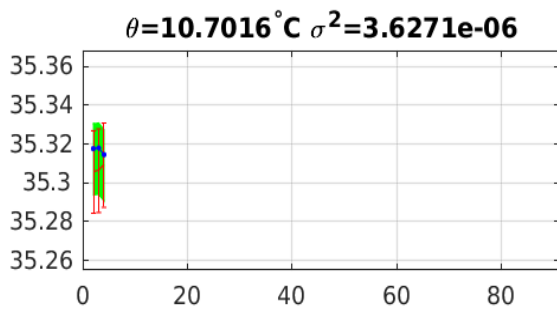
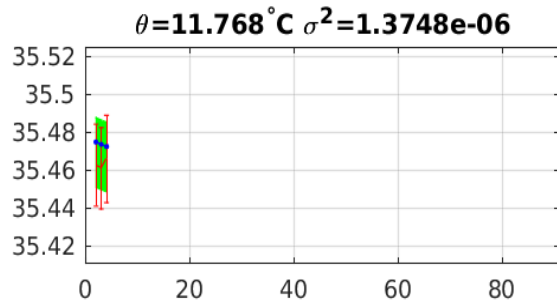
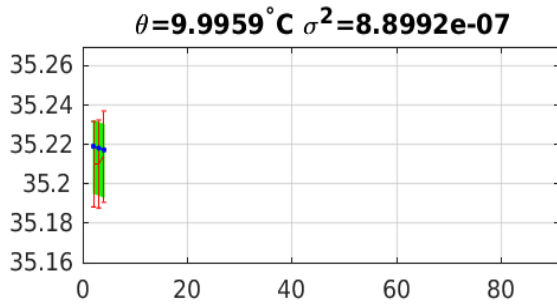
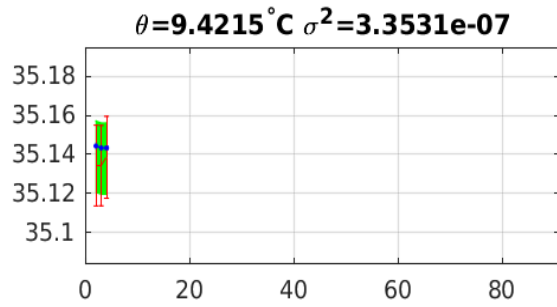
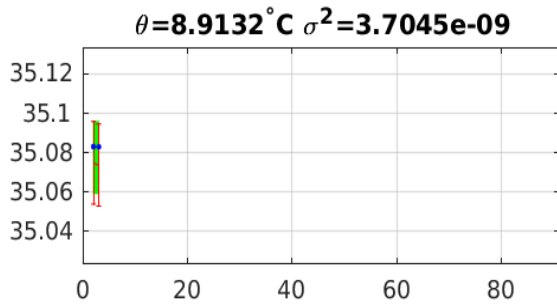
Salinity anom on theta 4902925



Calibrated salinity anom on theta. 4902925







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