

WMO 1901626 - OWC Summary Plots

DMQC Operator: Frank Bahr
 Date: 17-Jan-2021 12:50:44
 Config File: cow_config_sm.txt

WMO Boxes: wmo_boxes_argo19ctd19.mat
 Historical Argo: ARGO_for_DMQC_2020V03.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

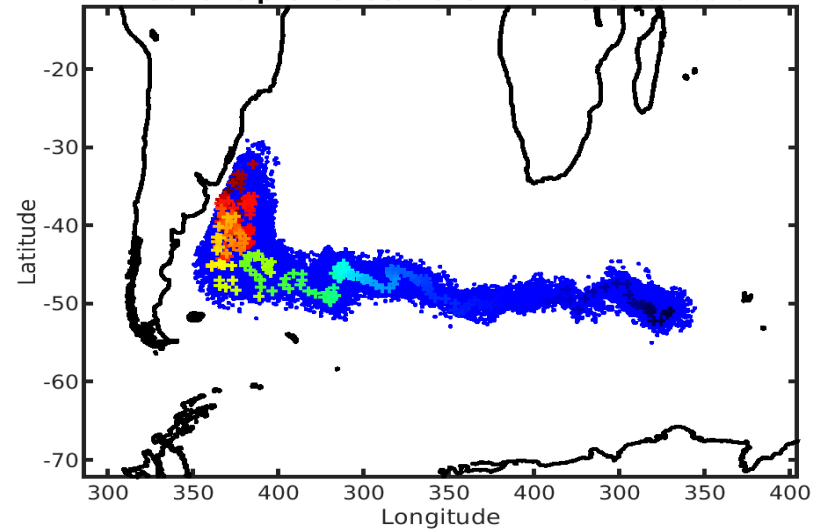
OWC Parameters

Pressure: : 650 < pres < --
 Theta: -- < theta < --
 Breaks: --

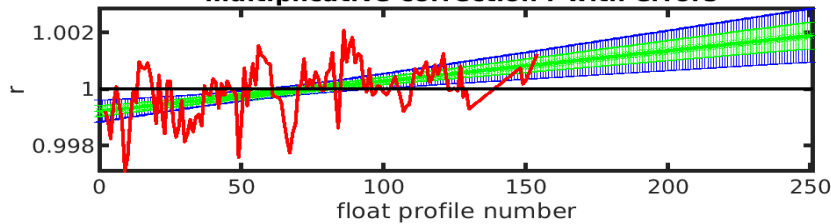
Output

Pcond factor: [0.99921 - 1.0019]
 Salinity Offset: [-0.032245 - 0.071831]

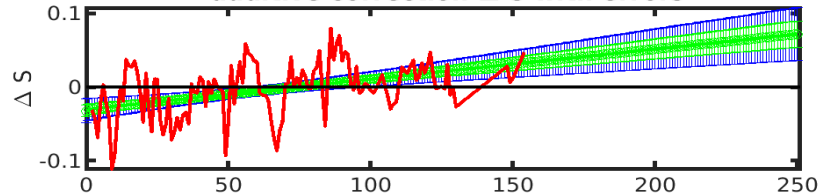
1901626 profile locations with historical data



1901626 potential conductivity (mmho/cm) multiplicative correction r with errors

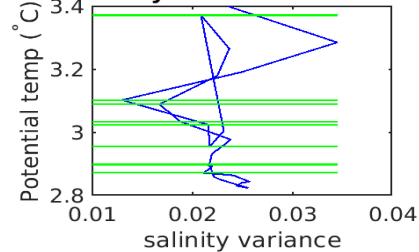


1901626 vertically-averaged salinity (PSS-78) additive correction ΔS with errors

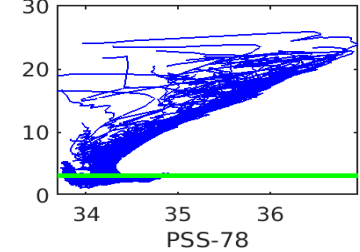


float profile number - blue: 2xcal error; green: 1xcal error; red: 1-1 profile f

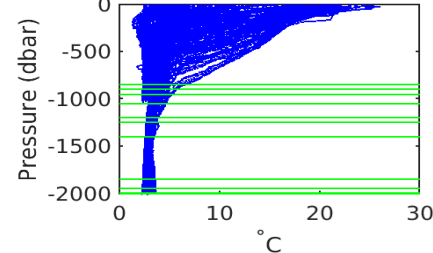
Salinity Variance on Theta



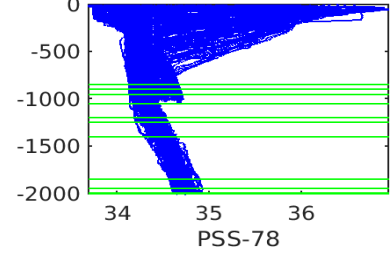
OW chosen levels -1901626



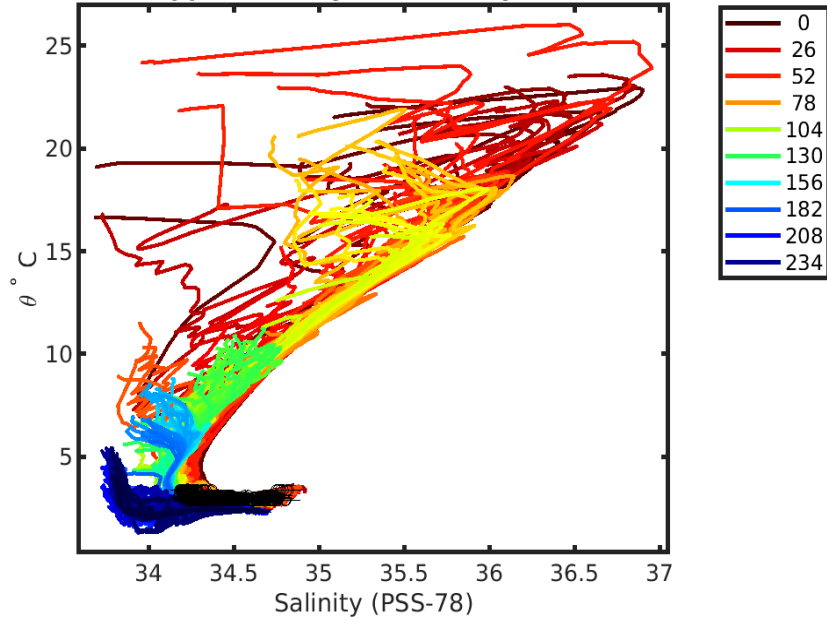
OW chosen levels -1901626



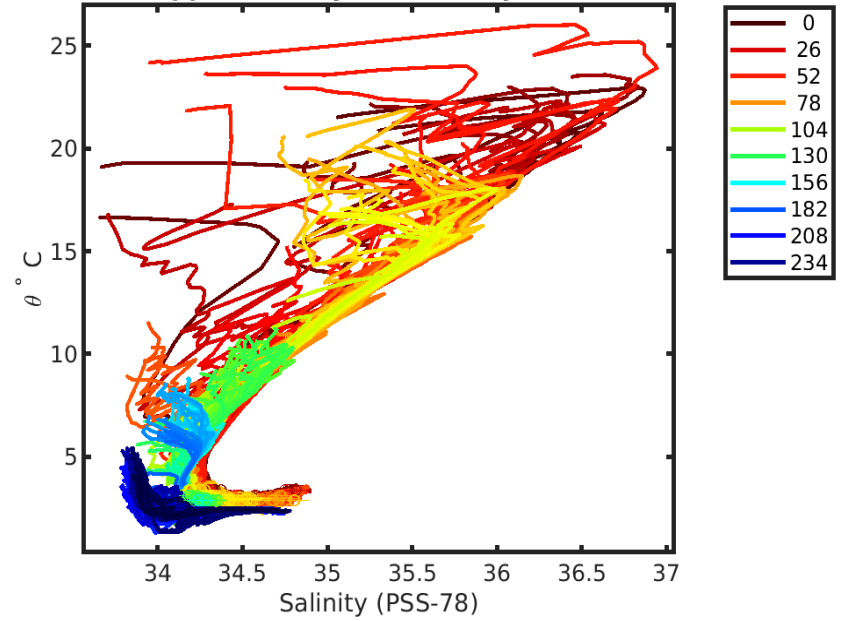
OW chosen levels -1901626



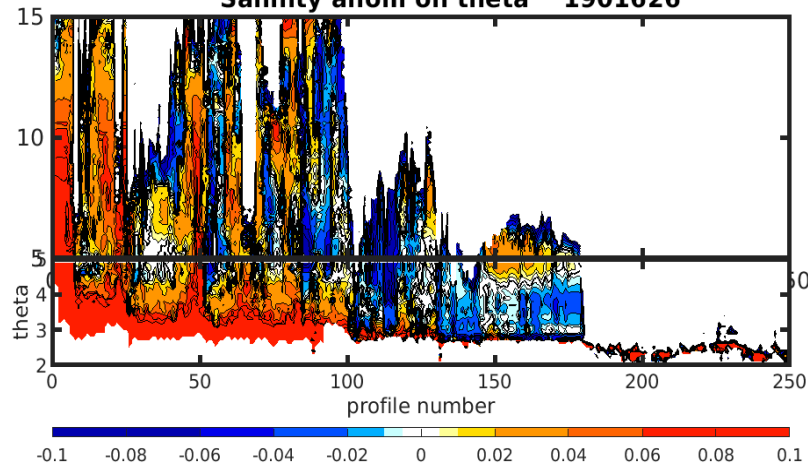
1901626 uncalibrated float data (-)
and mapped salinity (o) with objective errors



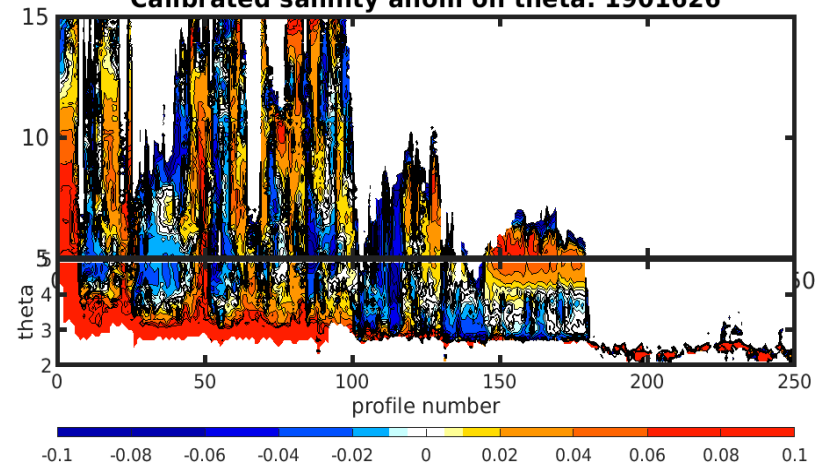
1901626 calibrated float data (-)
and mapped salinity (o) with objective errors

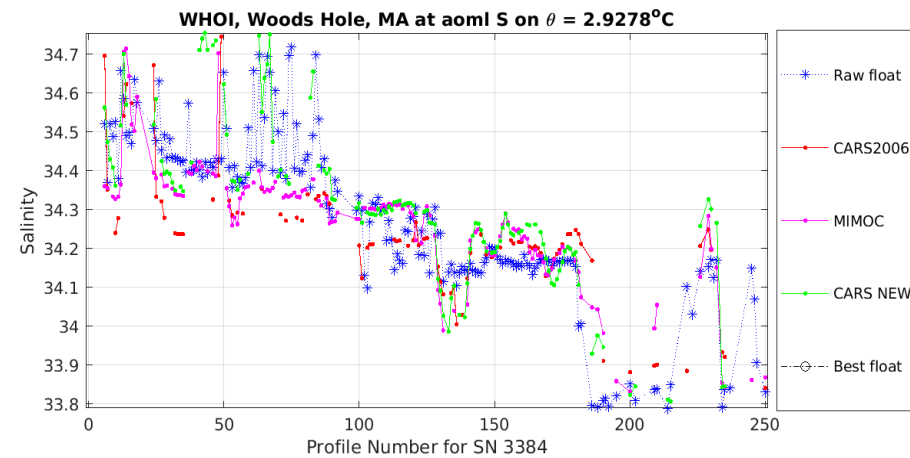
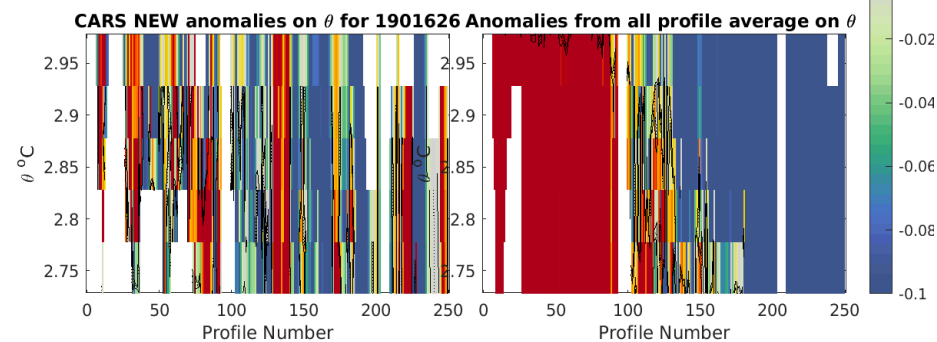
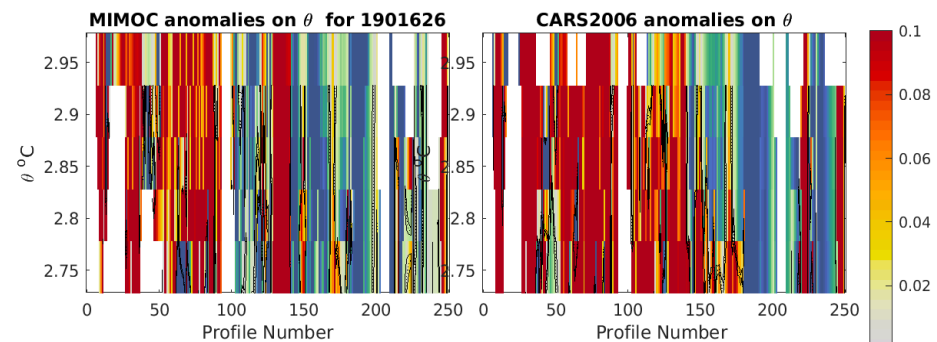
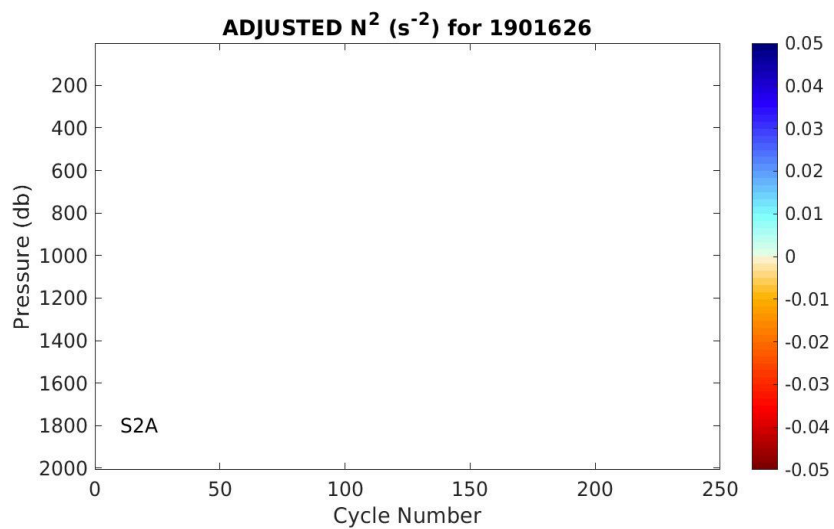
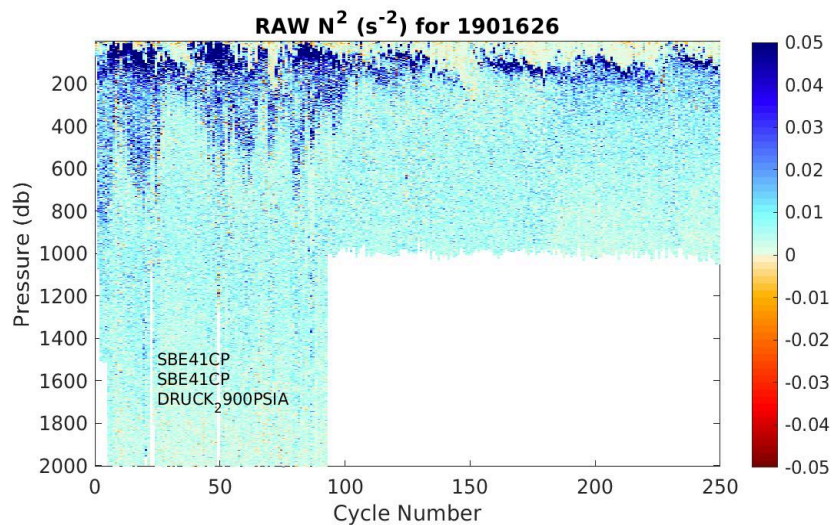


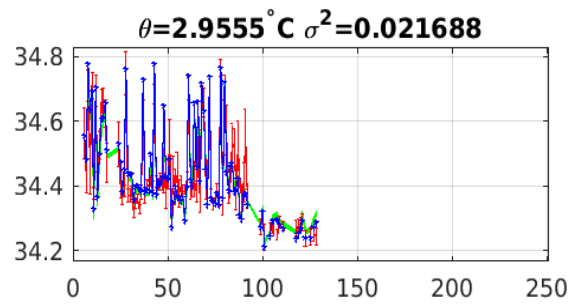
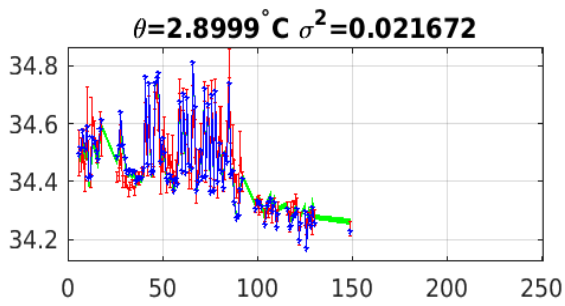
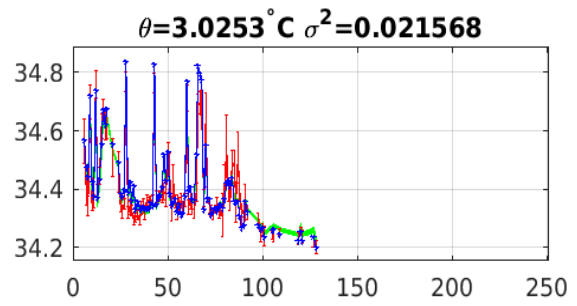
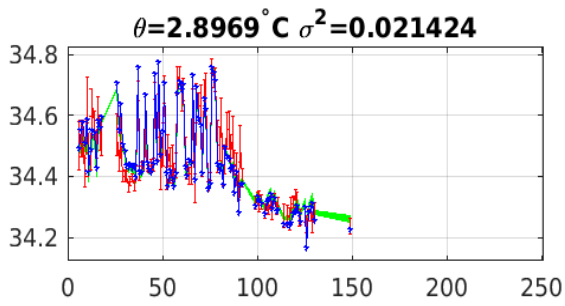
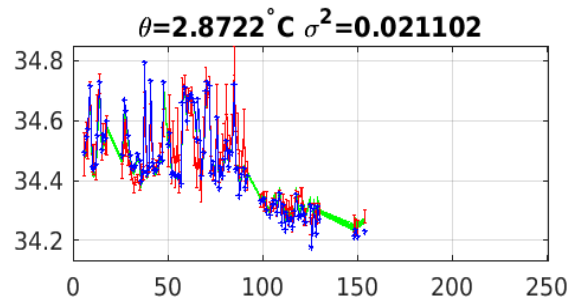
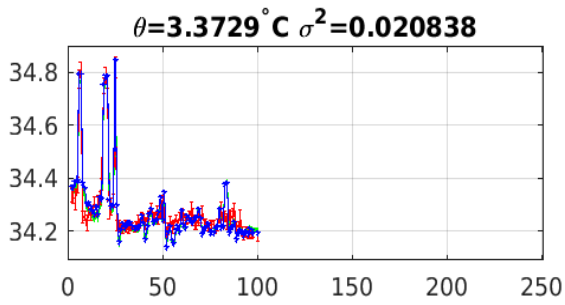
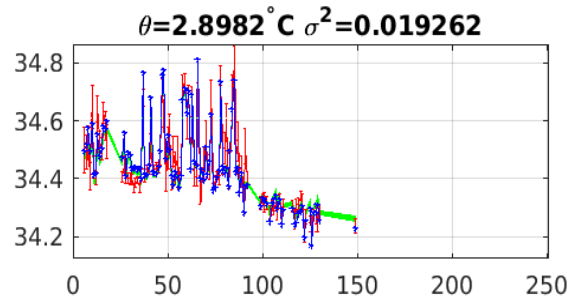
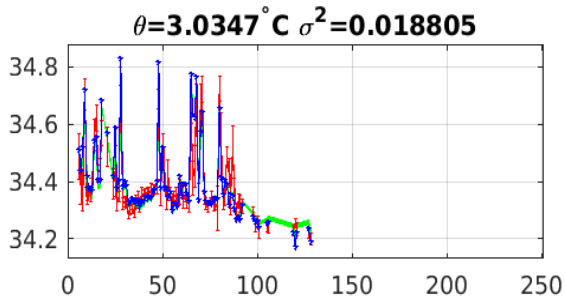
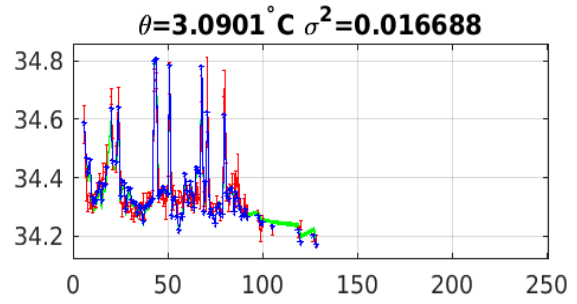
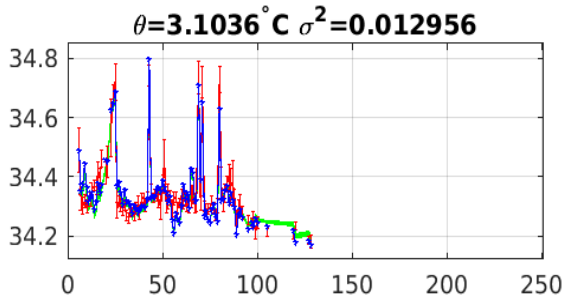
Salinity anom on theta 1901626



Calibrated salinity anom on theta. 1901626







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