

WMO 1901827 - OWC Summary Plots

DMQC Operator: Deb West-Mack
 Date: 29-Jun-2021 08:36:45
 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

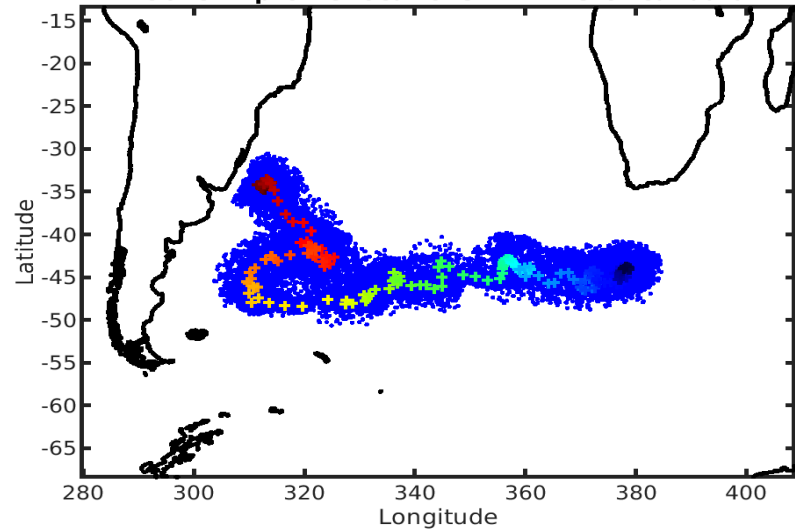
OWC Parameters

Pressure: : -- < pres < --
 Theta: 3.7 < theta < 8
 Breaks: --

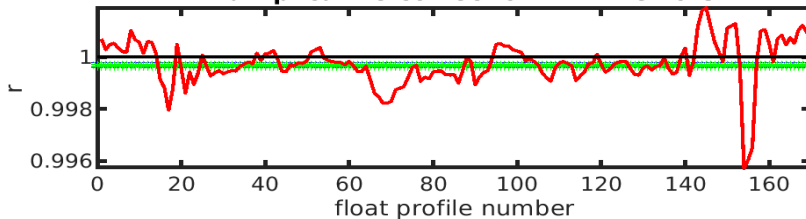
Output

Pcond factor: 0.99969
 Salinity Offset: [-0.012548 - -0.01186]

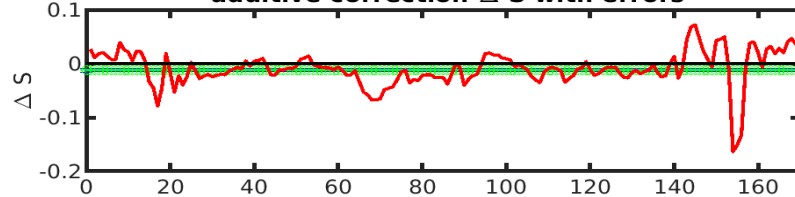
1901827 profile locations with historical data



1901827 potential conductivity (mmho/cm) multiplicative correction r with errors

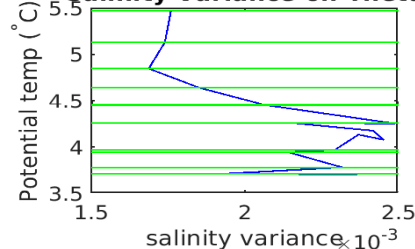


1901827 vertically-averaged salinity (PSS-78) additive correction ΔS with errors

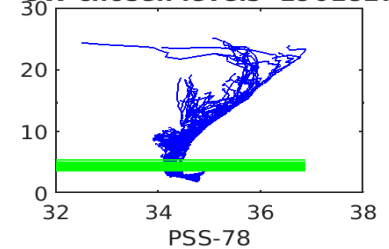


float profile number - blue: 2xcal error; green: 1xcal error; red: 1-1 profile f

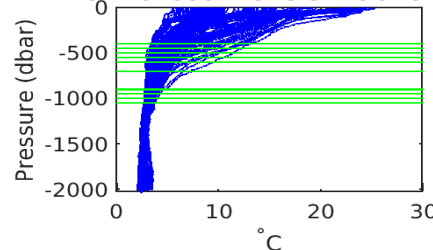
Salinity Variance on Theta



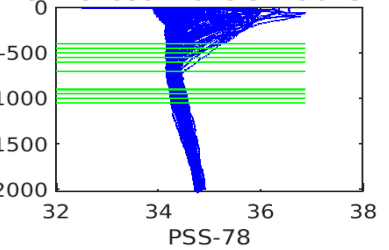
OW chosen levels -1901827



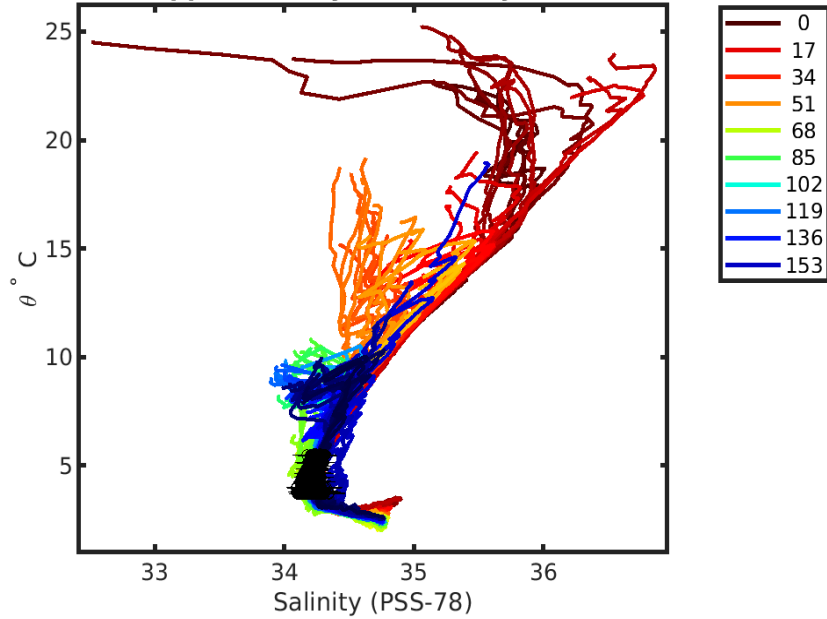
OW chosen levels -1901827



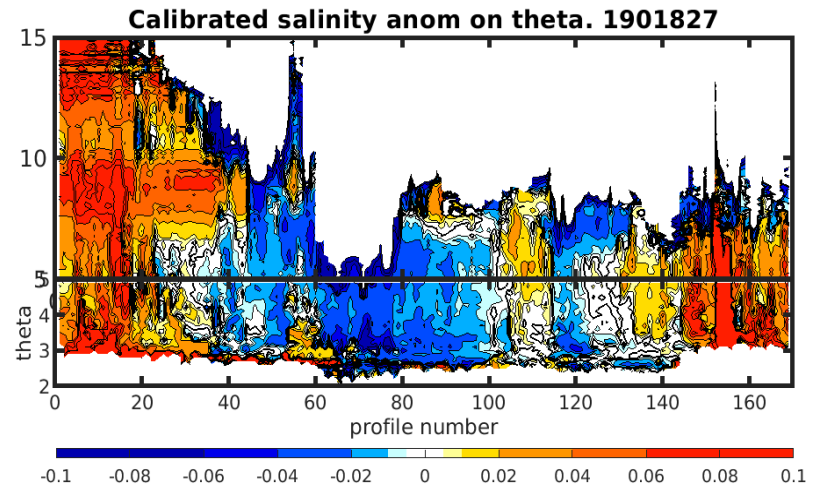
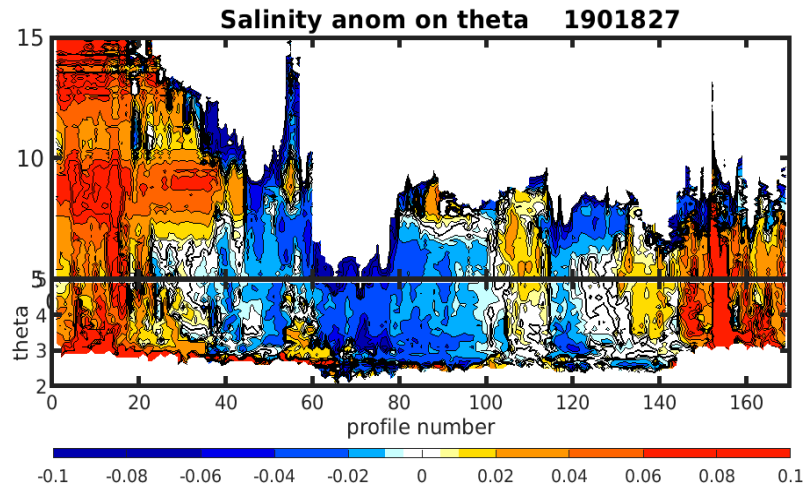
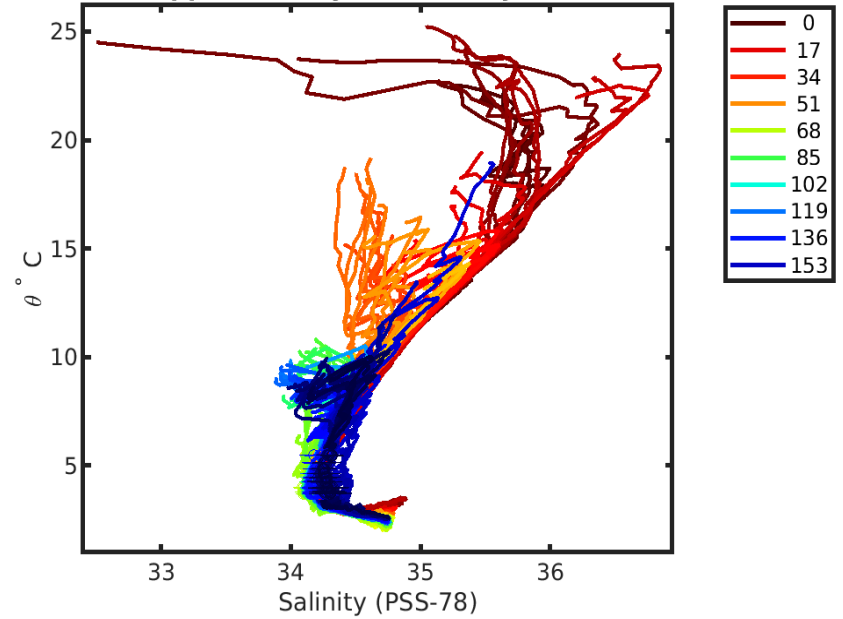
OW chosen levels -1901827

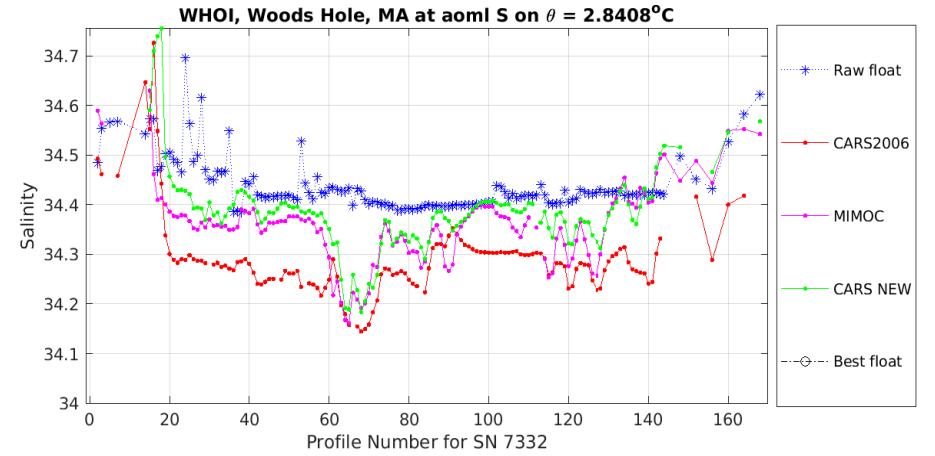
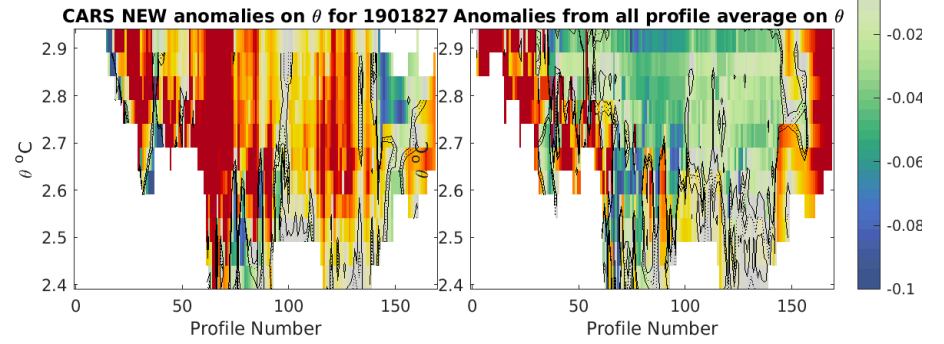
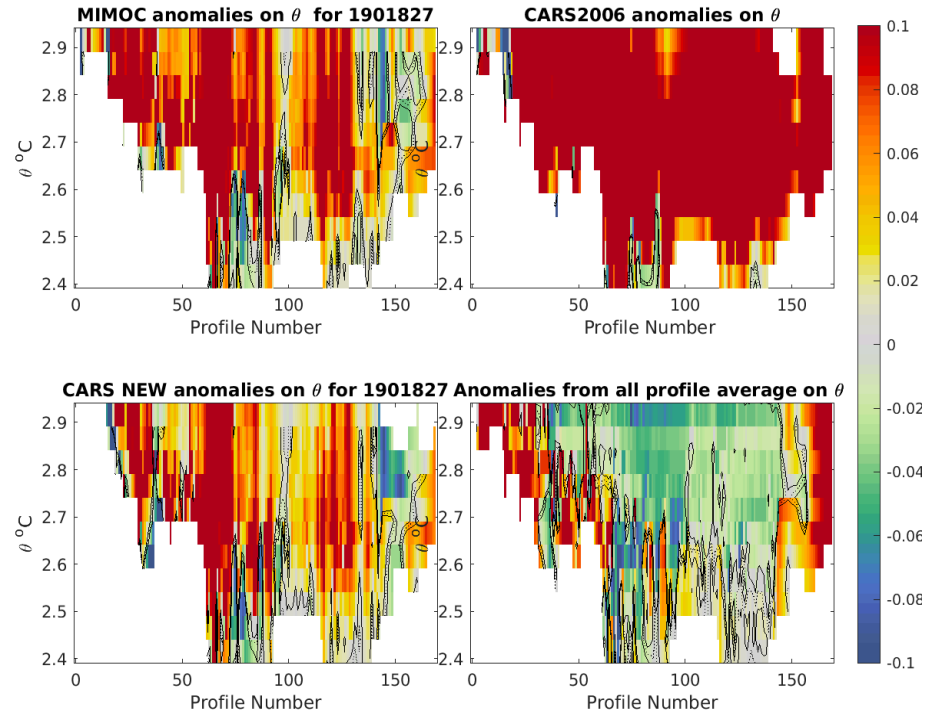
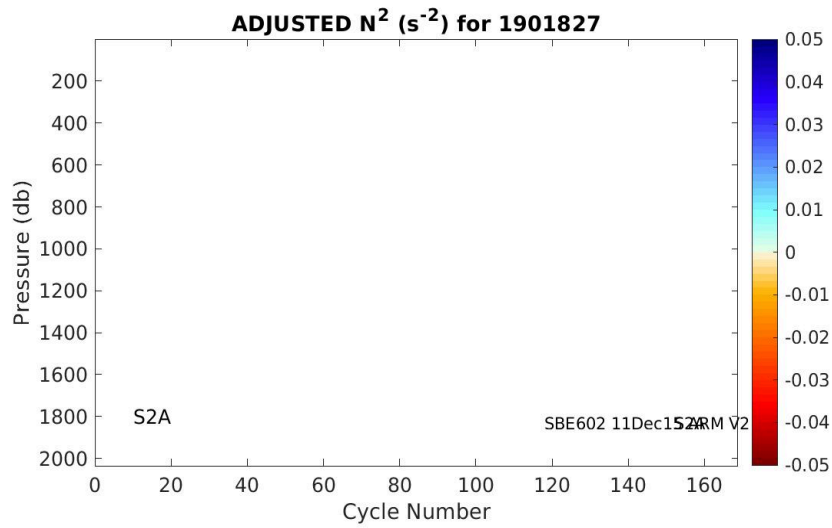
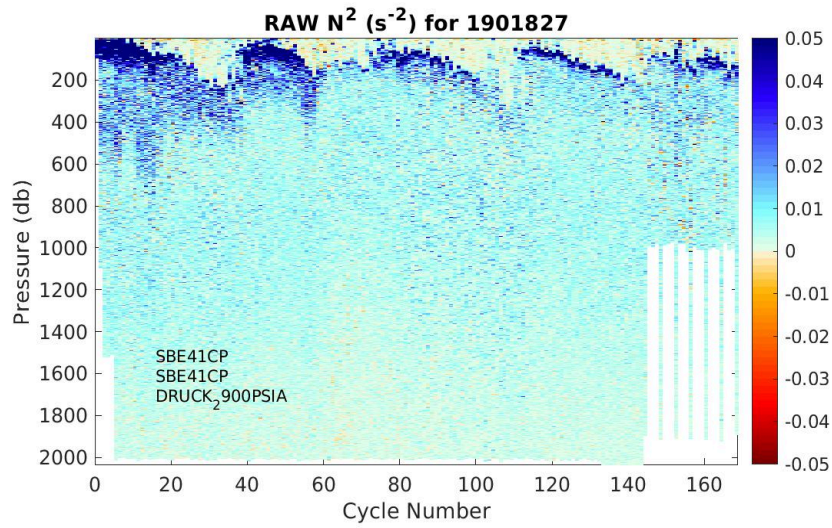


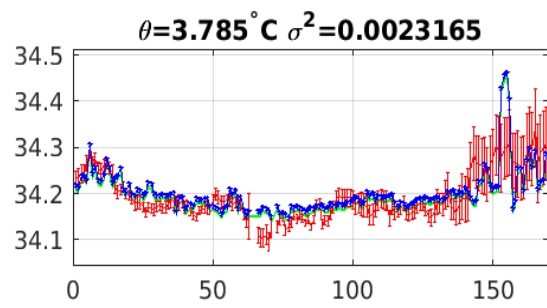
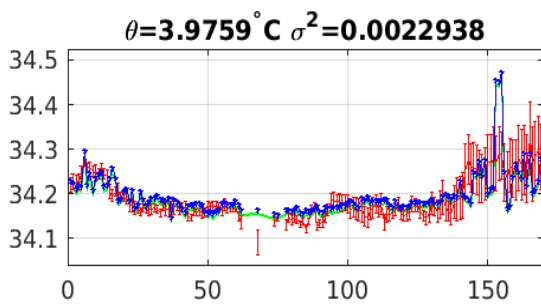
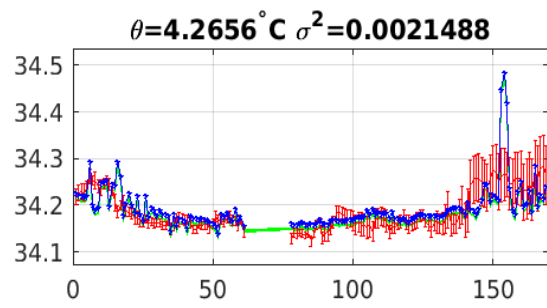
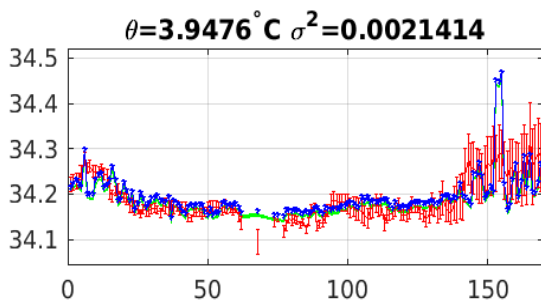
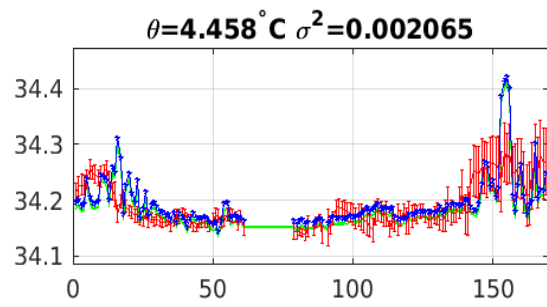
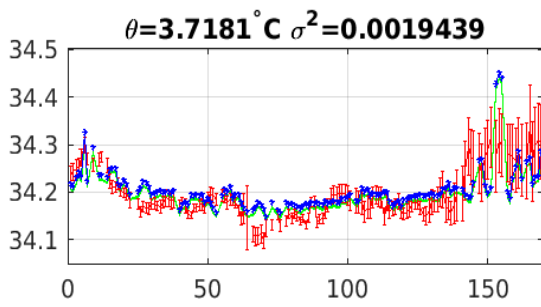
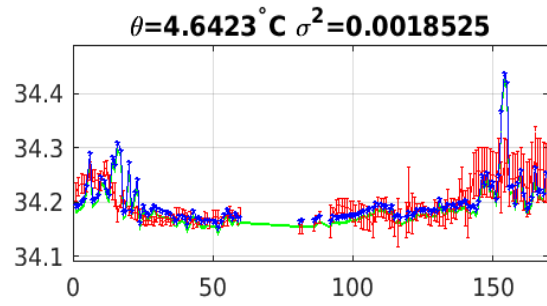
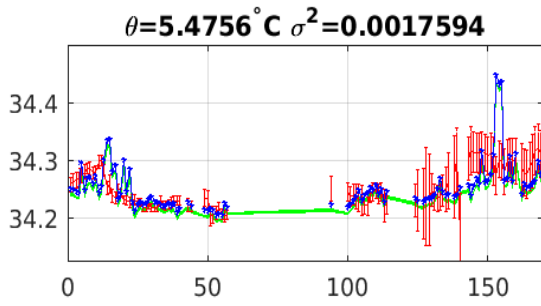
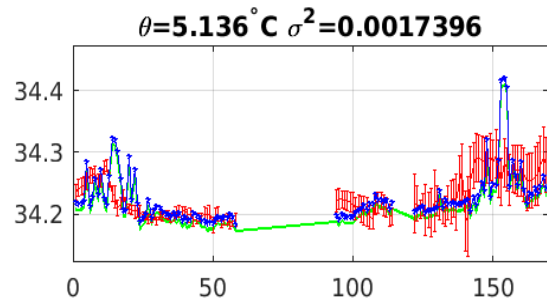
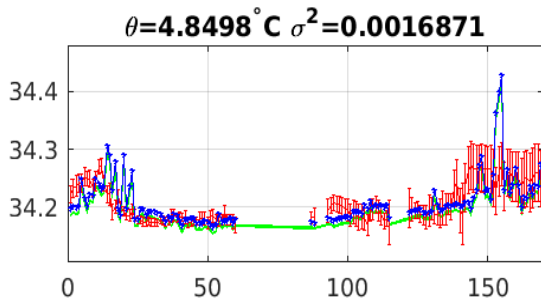
1901827 uncalibrated float data (-) and mapped salinity (o) with objective errors



1901827 calibrated float data (-) and mapped salinity (o) with objective errors







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