

# WMO 1902293 - OWC Summary Plots

DMQC Operator: Sachiko Yoshida  
 Date: 15-Mar-2023 11:39:10  
 Cycles: 0 - 78  
 Dfiles: -

Config File: cow\_config\_sm.txt  
 WMO Boxes: wmo\_boxes\_ctd21argo21.mat  
 Historical Argo: ARGO\_for\_DMQC\_2022V03\_1XXX.tar.gz  
 Historical CTD: CTD\_for\_DMQC\_2021V02\_1.tgz

## Map Scale

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

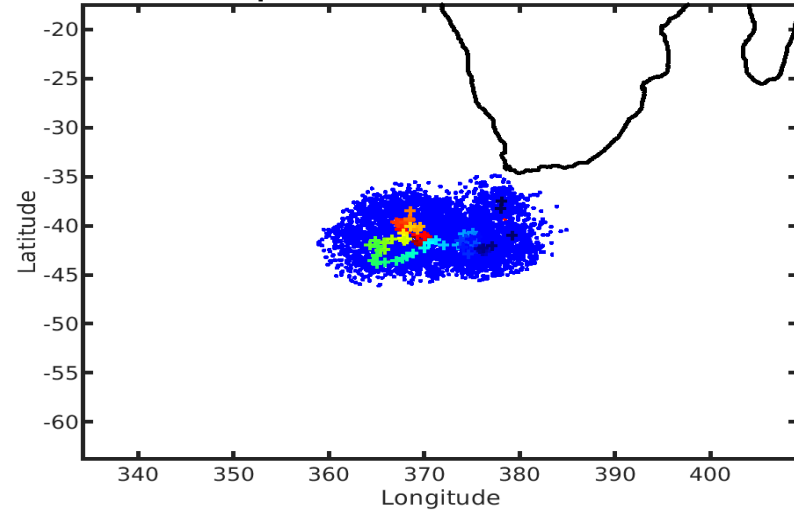
## OWC Parameters

Pressure: : 800 < pres < --  
 Theta: -- < theta < --  
 Breaks: 40.037 50

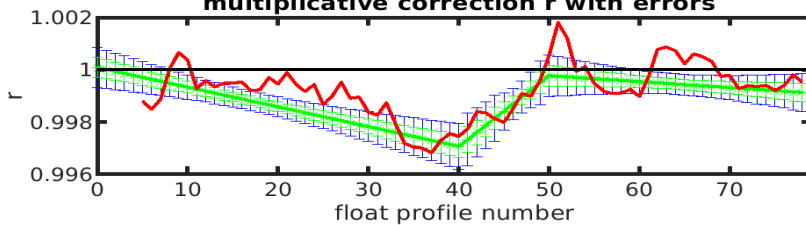
## Output

Pcond factor: [0.99707 - 1.0001]  
 Salinity Offset: [-0.11206 - 0.0033807]

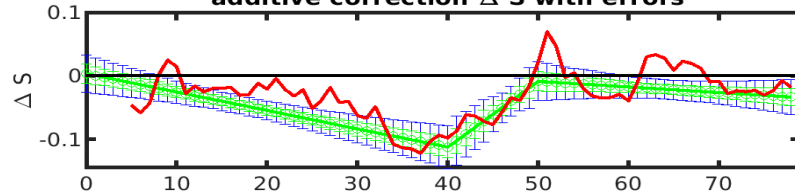
1902293 profile locations with historical data



1902293 potential conductivity (mmho/cm) multiplicative correction r with errors

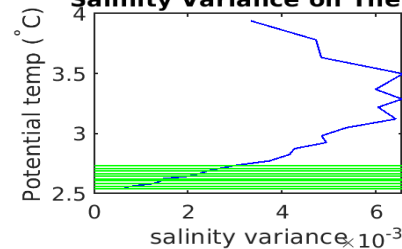


1902293 vertically-averaged salinity (PSS-78) additive correction ΔS with errors

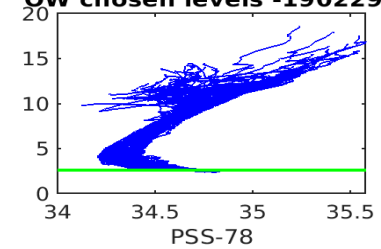


float profile number - blue: 2xcal error; green: 1xcal error; red: 1-1 profile f

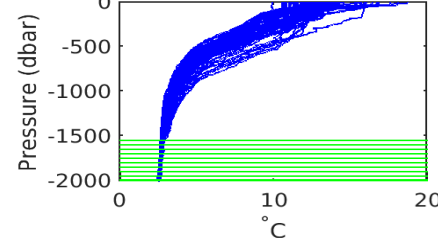
Salinity Variance on Theta



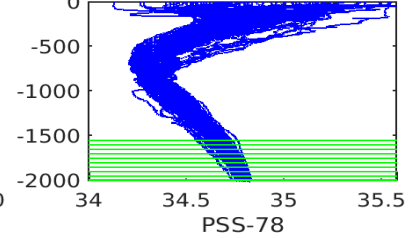
OW chosen levels -1902293



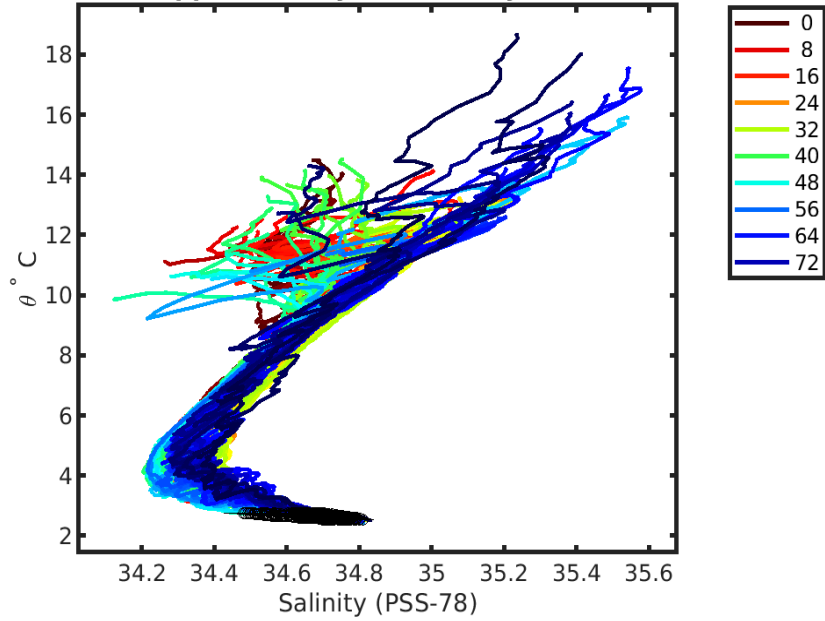
OW chosen levels -1902293



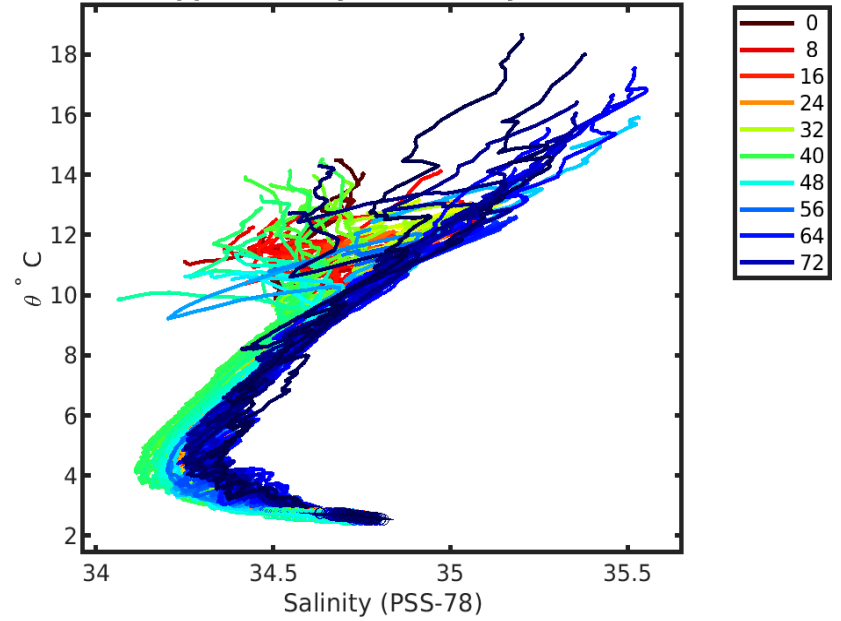
OW chosen levels -1902293



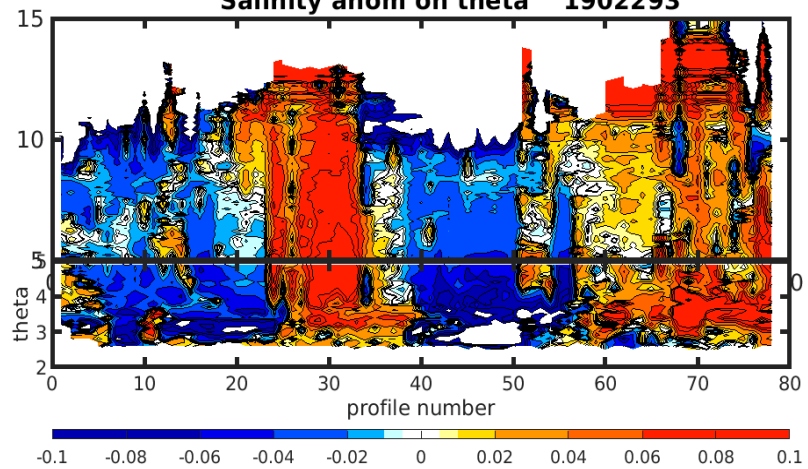
1902293 uncalibrated float data (-) and mapped salinity (o) with objective errors



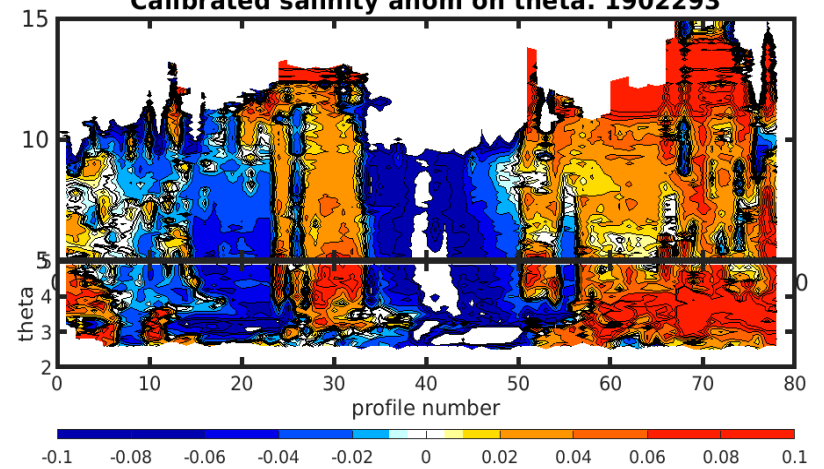
1902293 calibrated float data (-) and mapped salinity (o) with objective errors

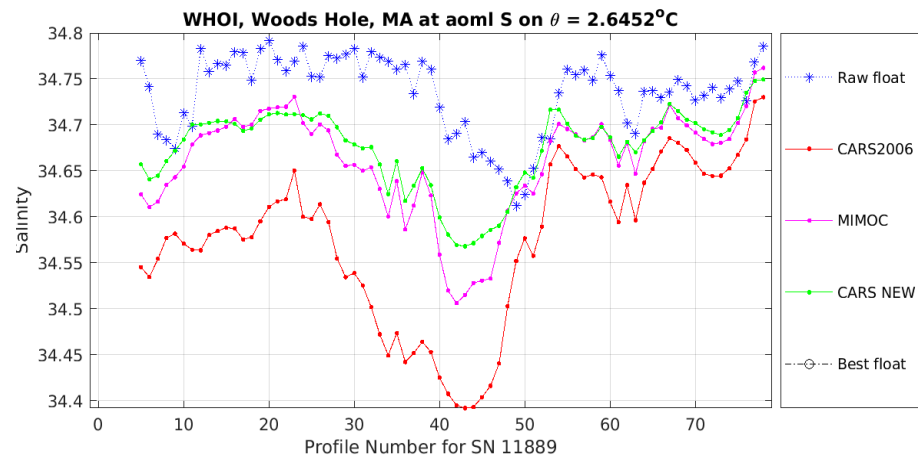
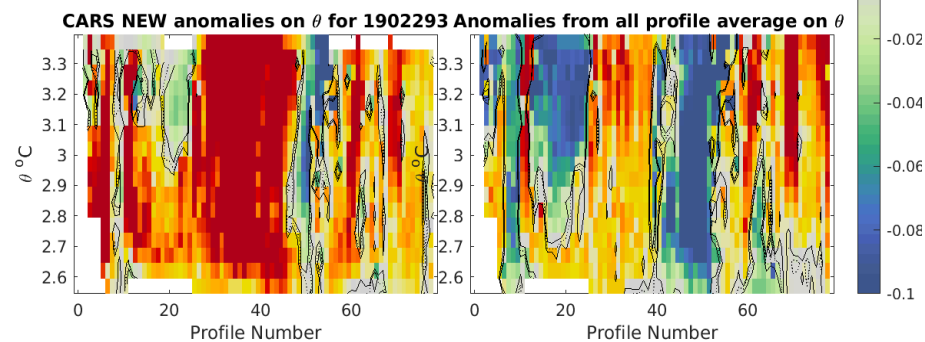
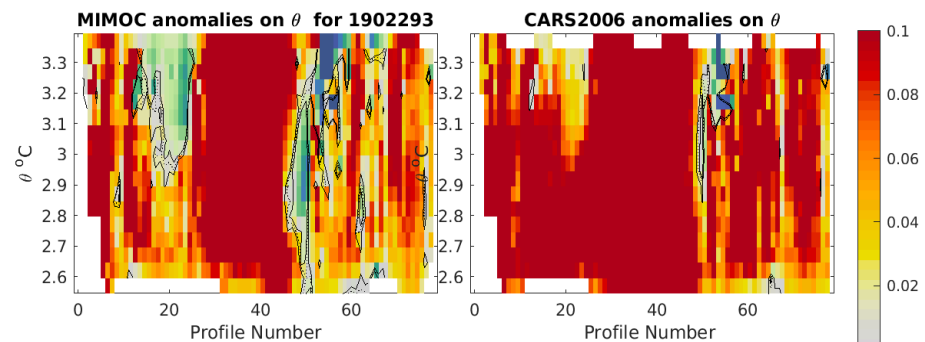
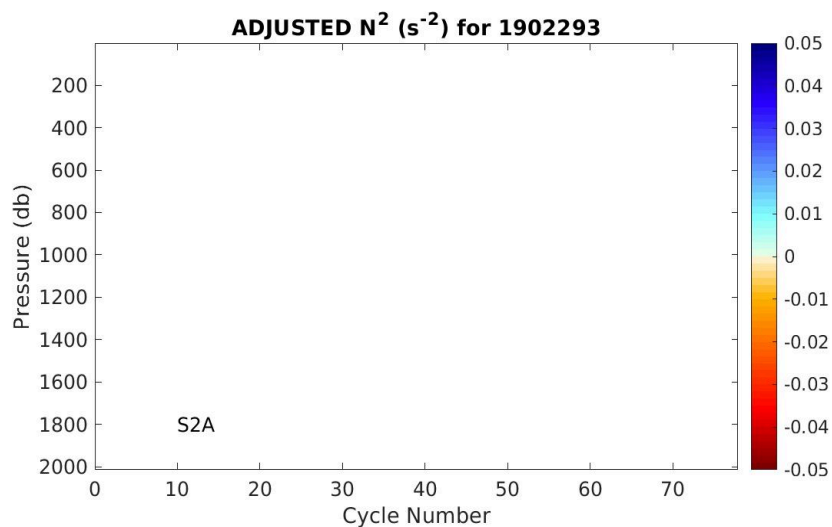
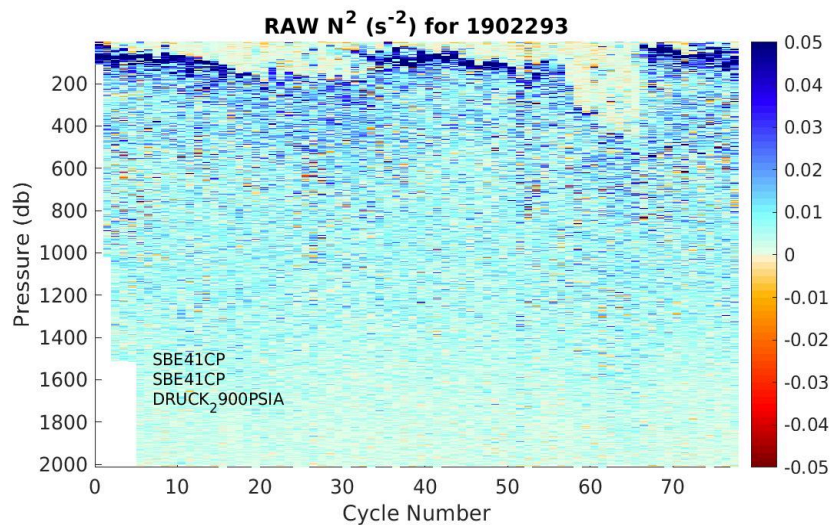


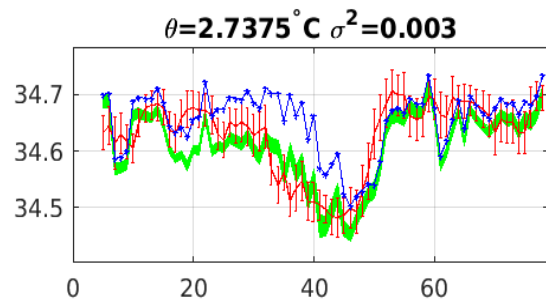
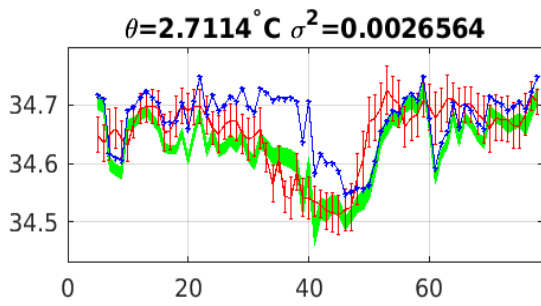
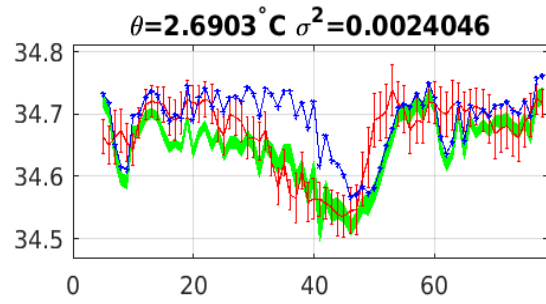
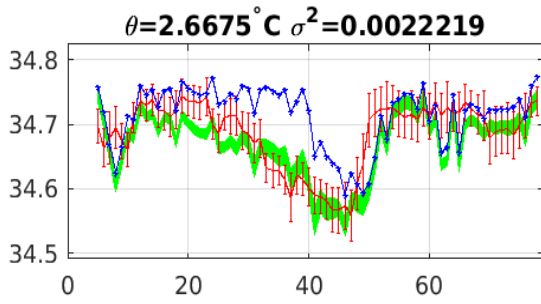
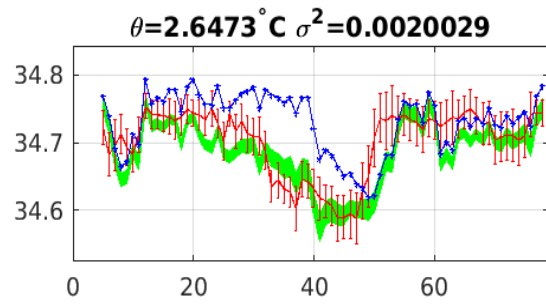
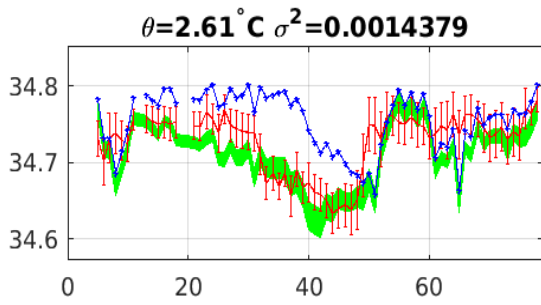
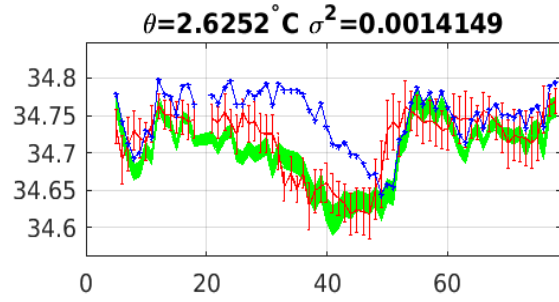
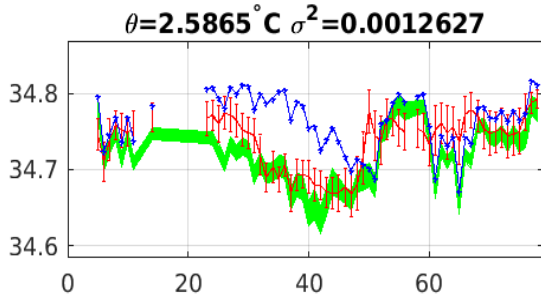
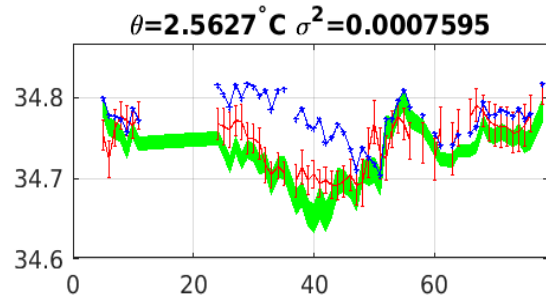
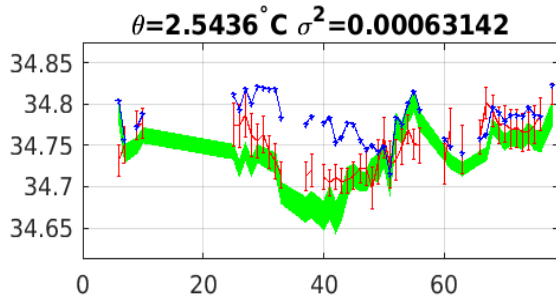
Salinity anom on theta 1902293



Calibrated salinity anom on theta. 1902293







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