

# WMO 1902296 - OWC Summary Plots

DMQC Operator: Sachiko Yoshida  
 Date: 30-Mar-2023 16:02:27  
 Cycles: 0 - 86  
 Dfiles: -

Config File: cow\_config\_sm.txt  
 WMO Boxes: wmo\_boxes\_ctd21argo22.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

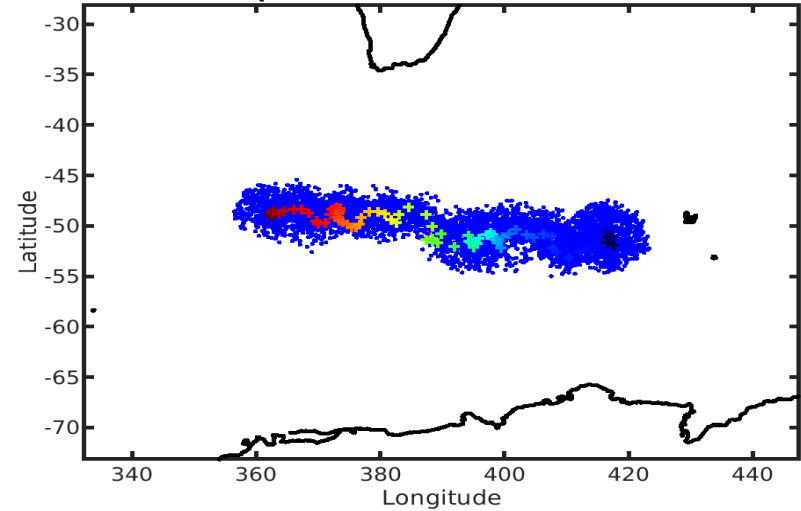
## OWC Parameters

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

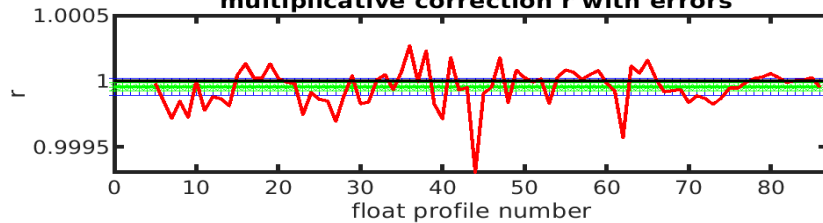
## Output

Pcond factor: 0.99996  
 Salinity Offset: [-0.0016786 - -0.0016382]

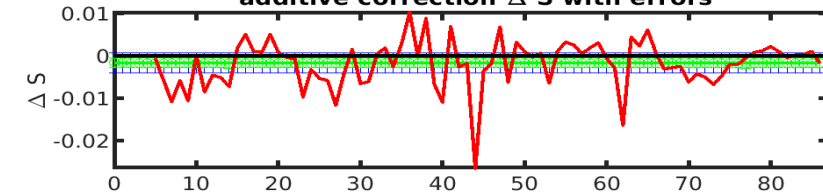
1902296 profile locations with historical data



1902296 potential conductivity (mmho/cm) multiplicative correction r with errors

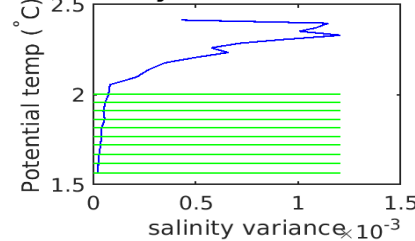


1902296 vertically-averaged salinity (PSS-78) additive correction ΔS with errors

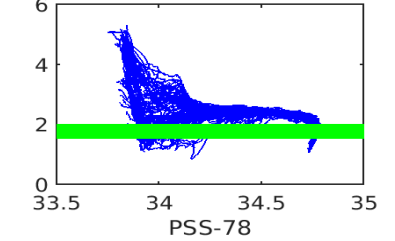


float profile number - blue: 2xcal error; green: 1xcal error; red: 1-1 profile f

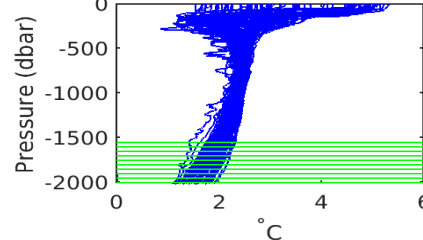
Salinity Variance on Theta



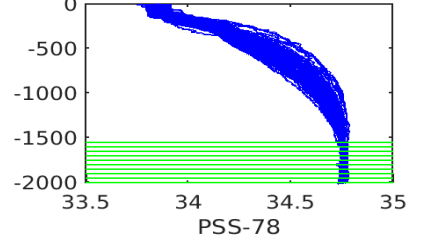
OW chosen levels -1902296



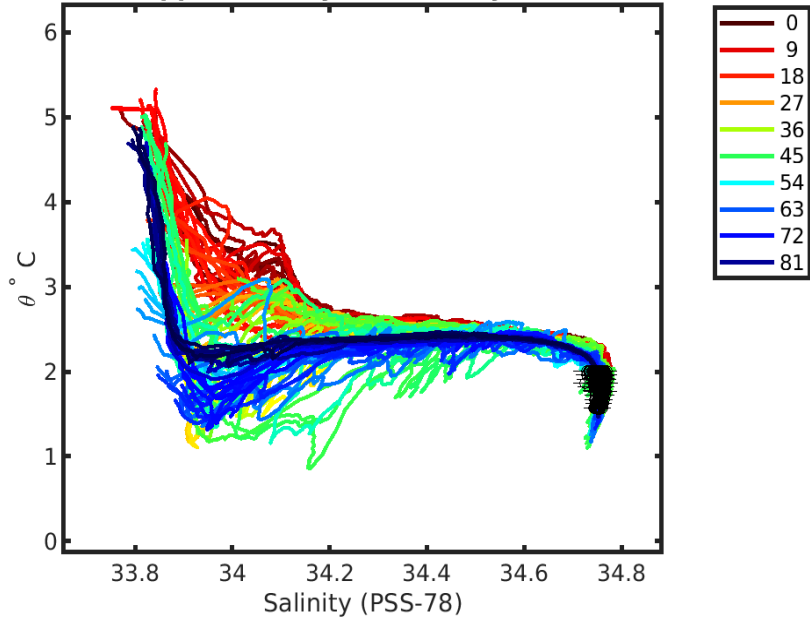
OW chosen levels -1902296



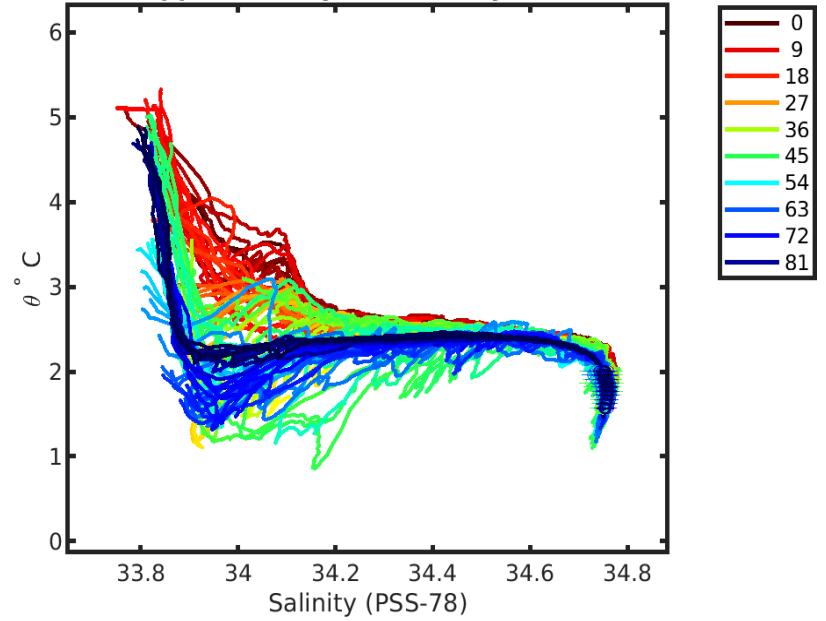
OW chosen levels -1902296



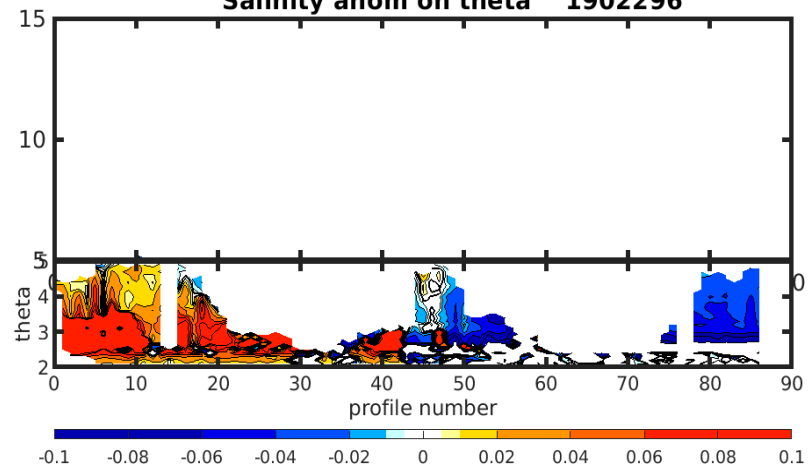
1902296 uncalibrated float data (-) and mapped salinity (o) with objective errors



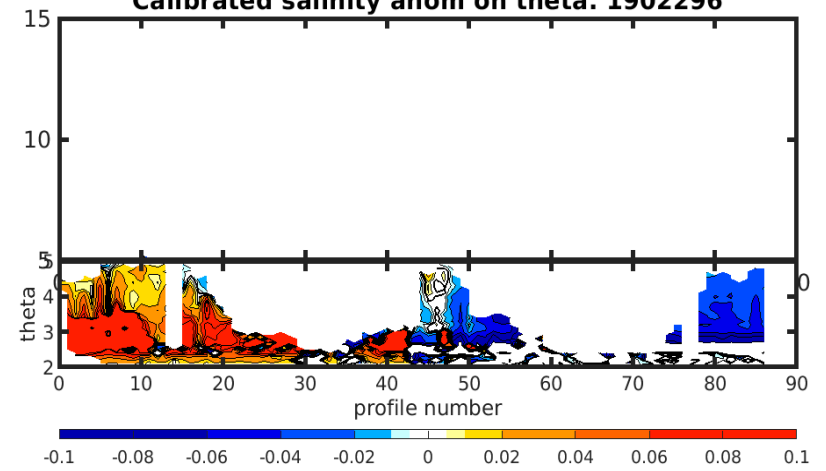
1902296 calibrated float data (-) and mapped salinity (o) with objective errors

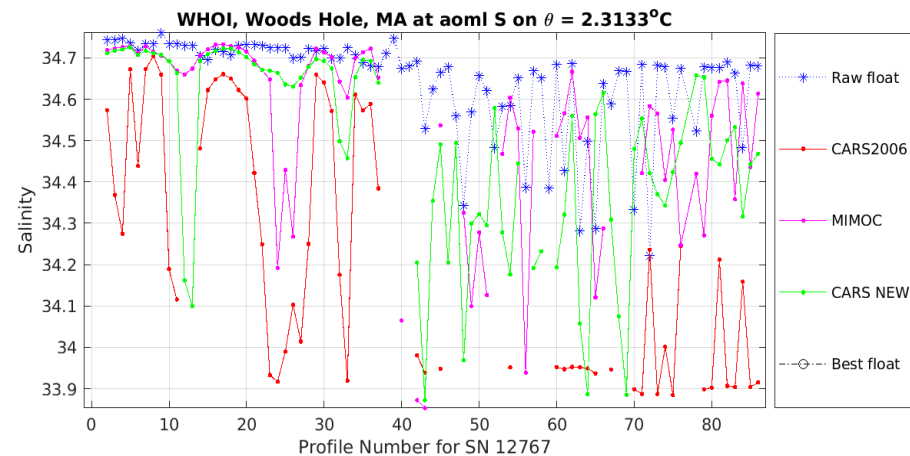
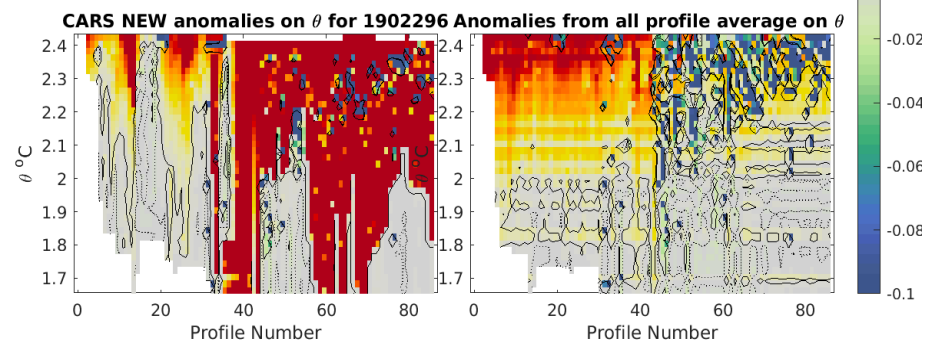
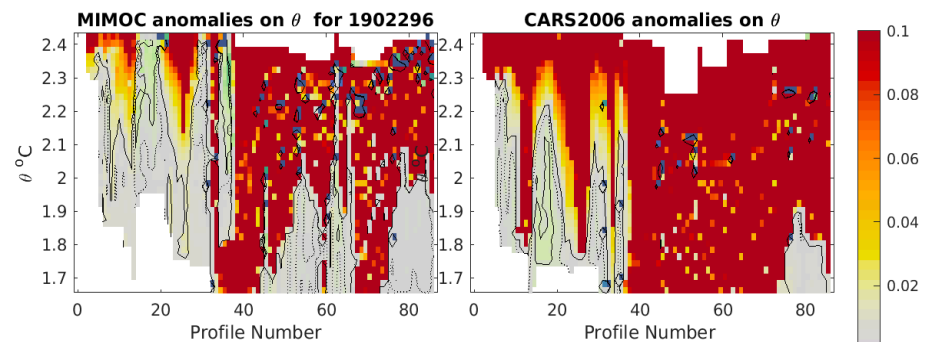
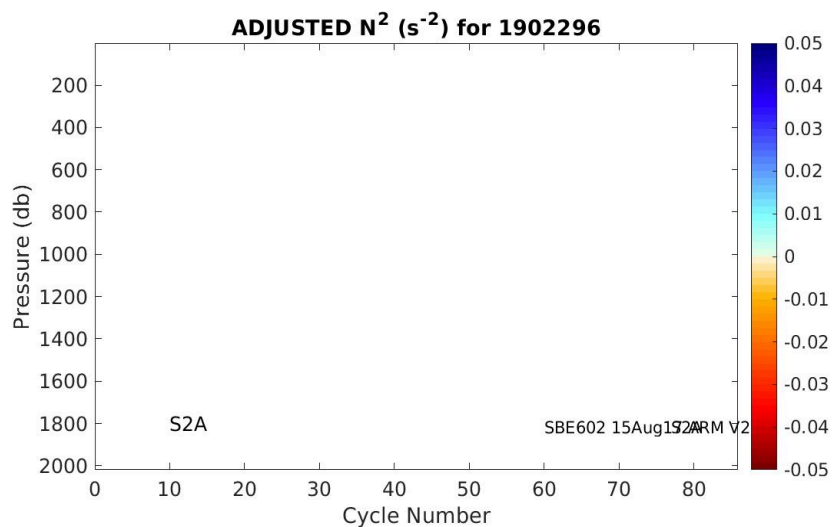
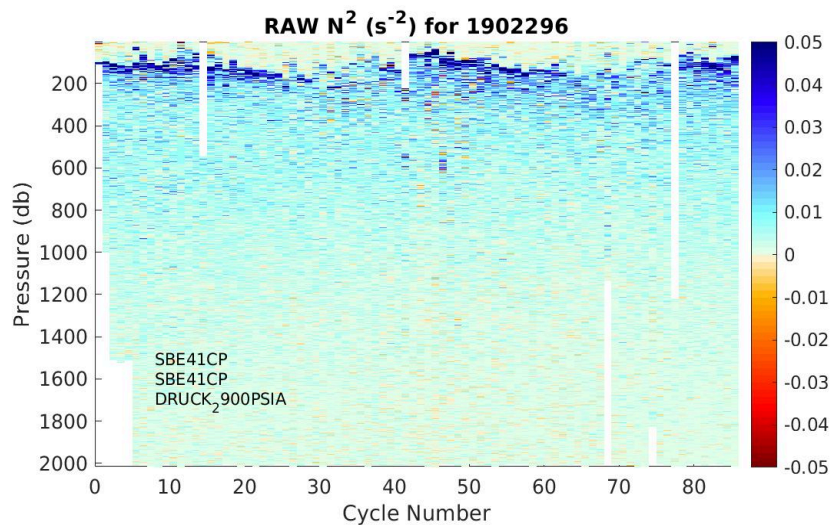


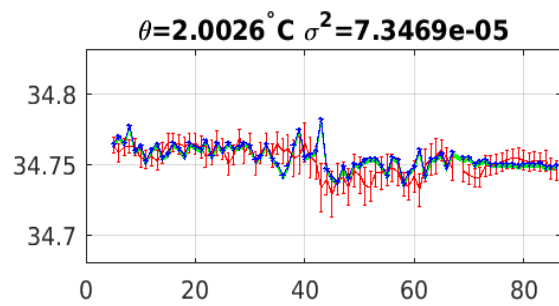
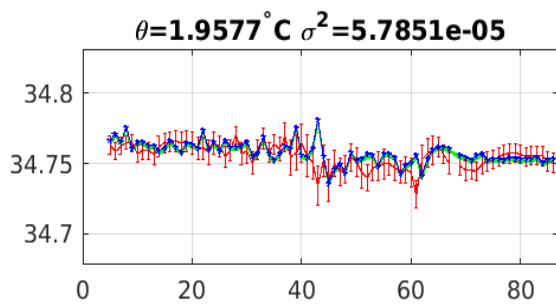
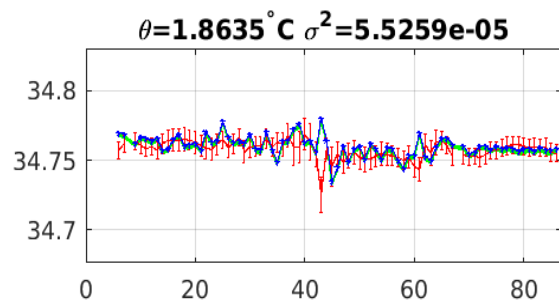
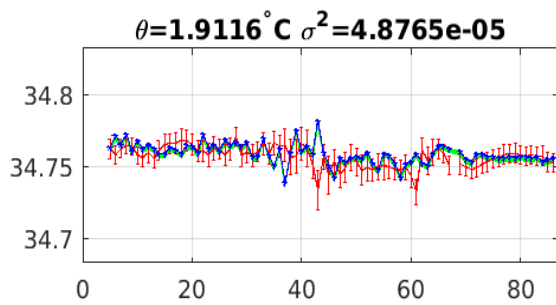
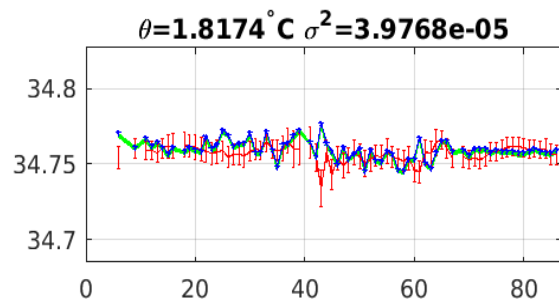
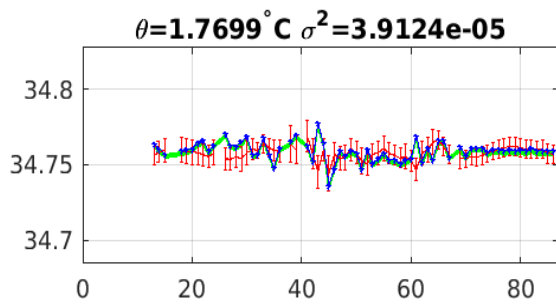
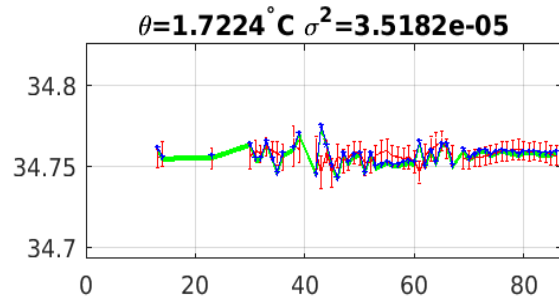
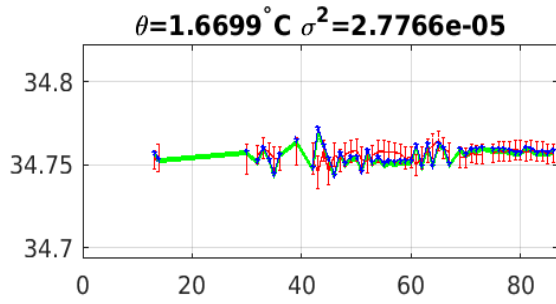
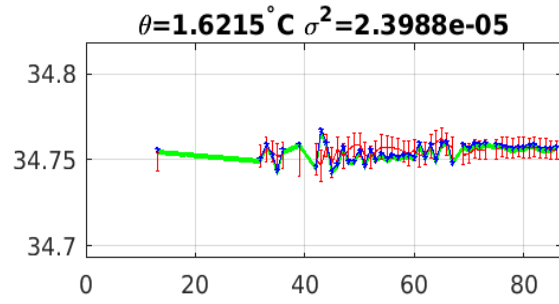
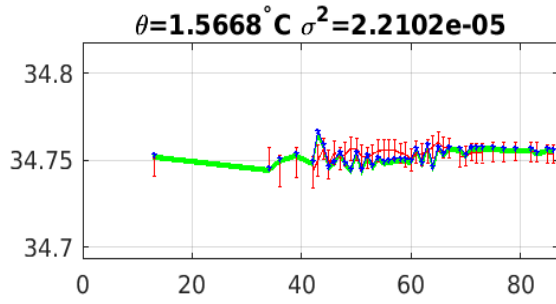
Salinity anom on theta 1902296



Calibrated salinity anom on theta. 1902296







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