

# WMO 1902397 - OWC Summary Plots

DMQC Operator: Lola Pierson  
 Date: 12-Dec-2024 14:24:37  
 Cycles: 0 - 108  
 Dfiles: -

Config File: cow\_config\_sm.txt  
 WMO Boxes: wmo\_boxes\_ctd24argo23.mat  
 Historical Argo: ARGO\_for\_DMQC\_2023V03\_1XXX.tar.gz  
 Historical CTD: CTD\_for\_DMQC\_2024V01\_1.tar.gz

## Map Scale

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

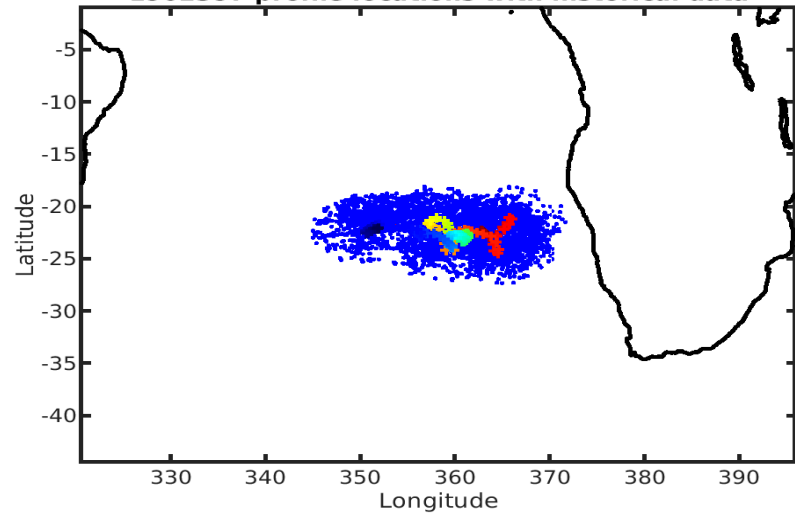
## OWC Parameters

Pressure: : 1200 < pres < --  
 Theta: -- < theta < --  
 Breaks: --

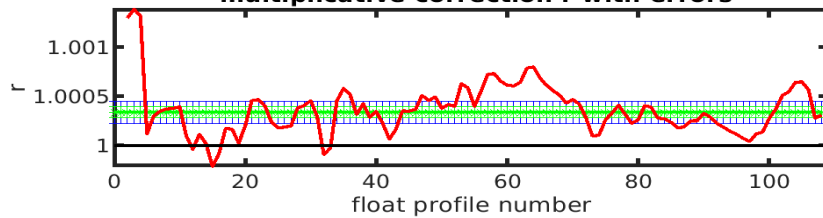
## Output

Pcond factor: 1.0003  
 Salinity Offset: [0.013046 - 0.01359]

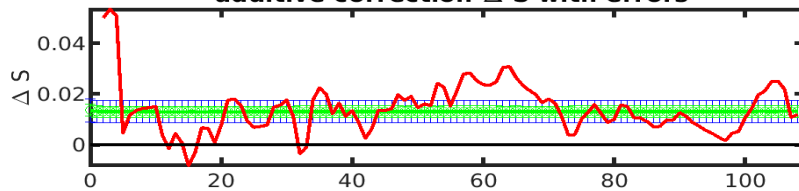
1902397 profile locations with historical data



1902397 potential conductivity (mmho/cm) multiplicative correction r with errors

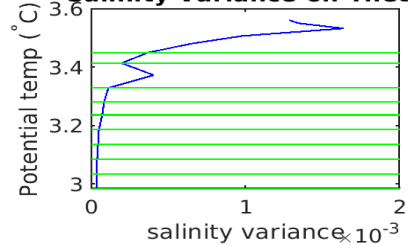


1902397 vertically-averaged salinity (PSS-78) additive correction ΔS with errors

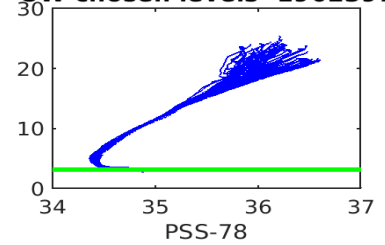


float profile number - blue: 2xcal error; green: 1xcal error; red: 1-1 profile f

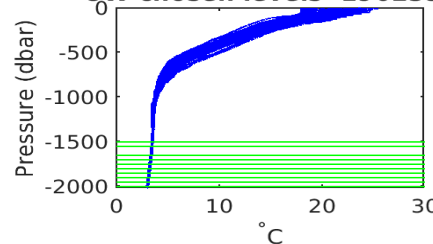
Salinity Variance on Theta



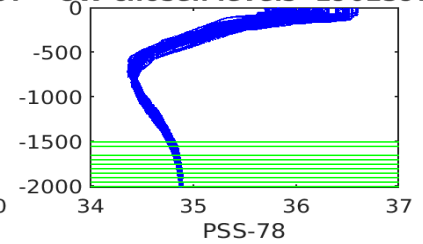
OW chosen levels -1902397



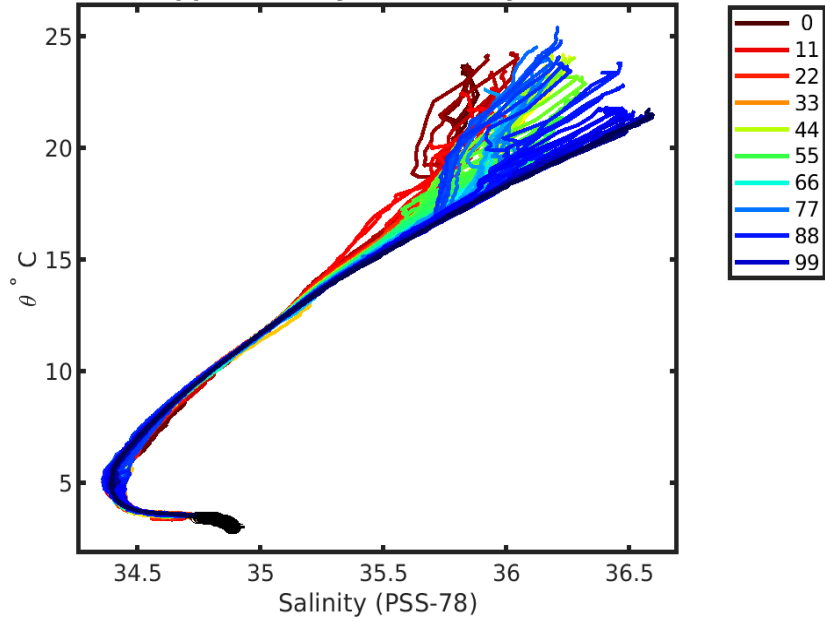
OW chosen levels -1902397



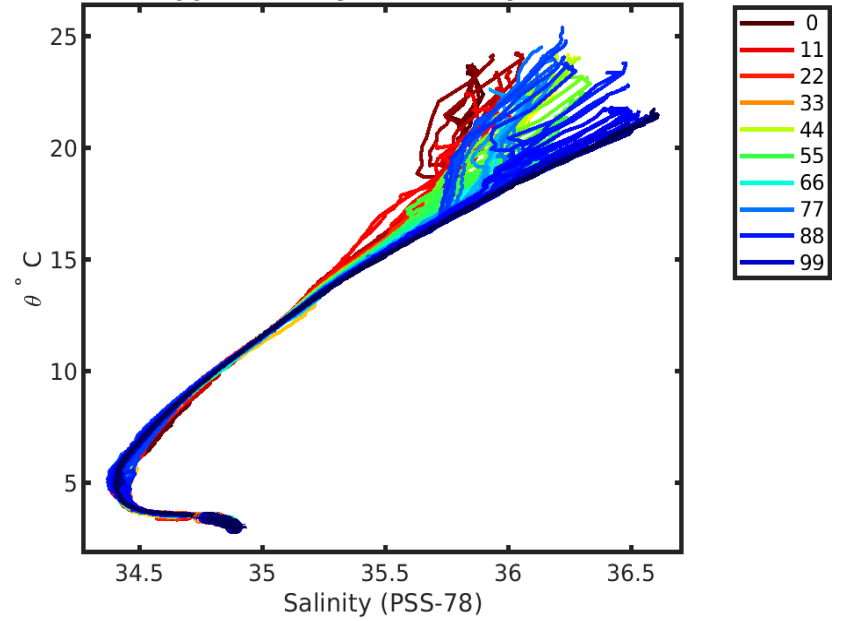
OW chosen levels -1902397



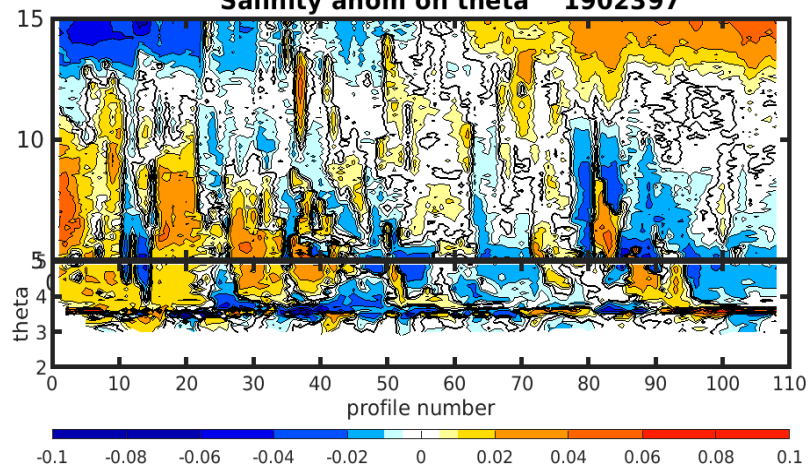
**1902397 uncalibrated float data (-)  
and mapped salinity (o) with objective errors**



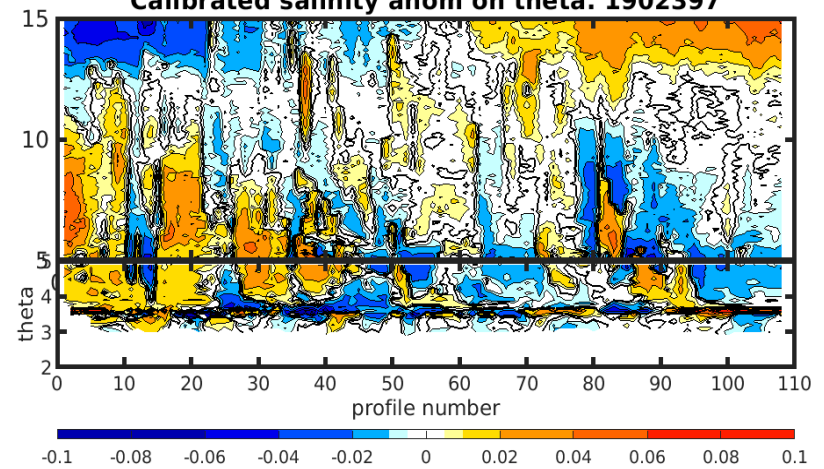
**1902397 calibrated float data (-)  
and mapped salinity (o) with objective errors**

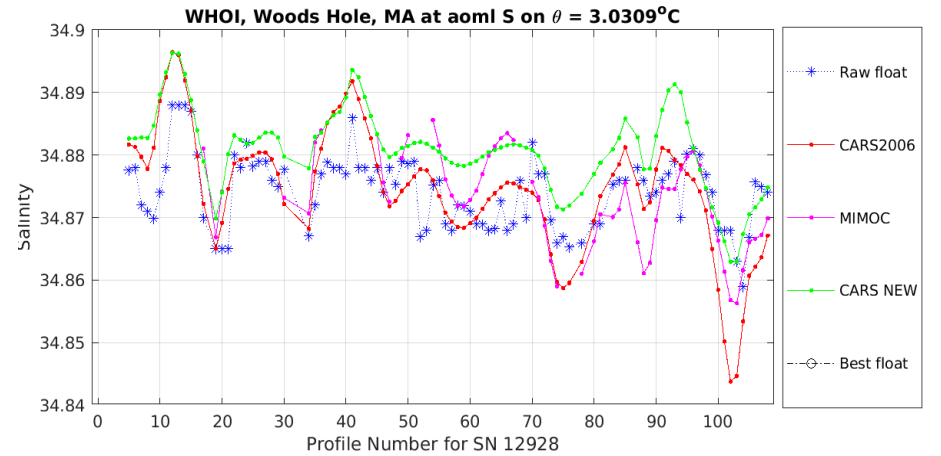
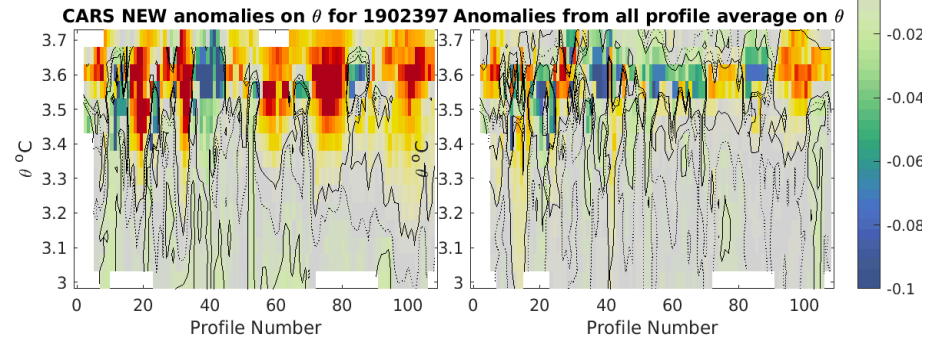
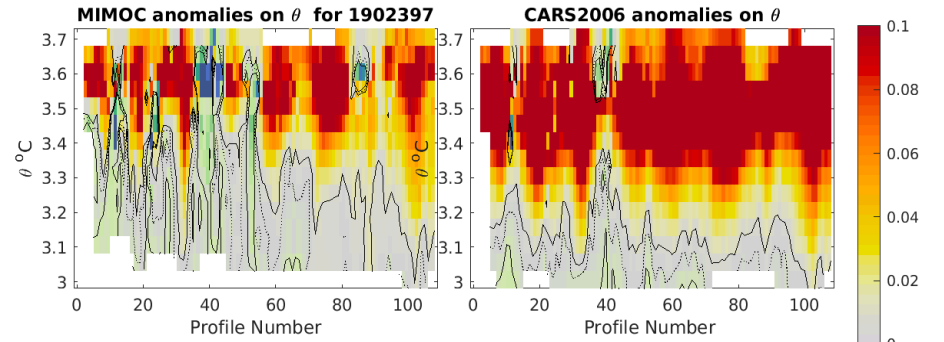
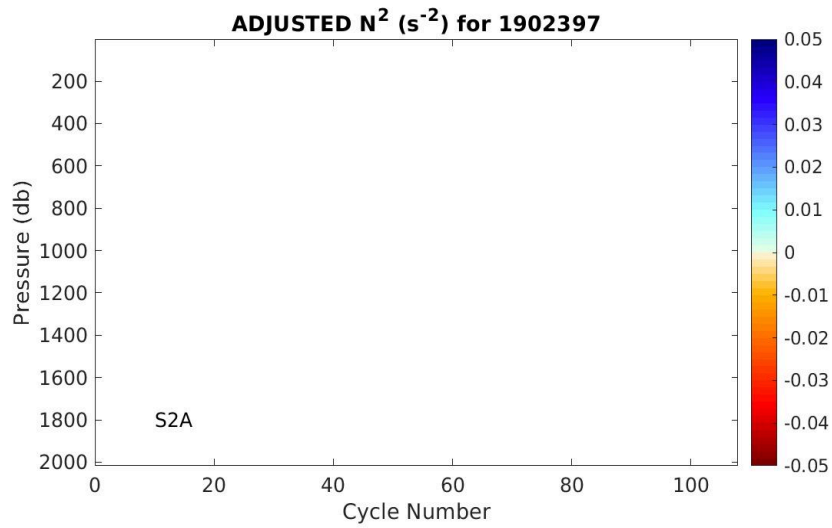
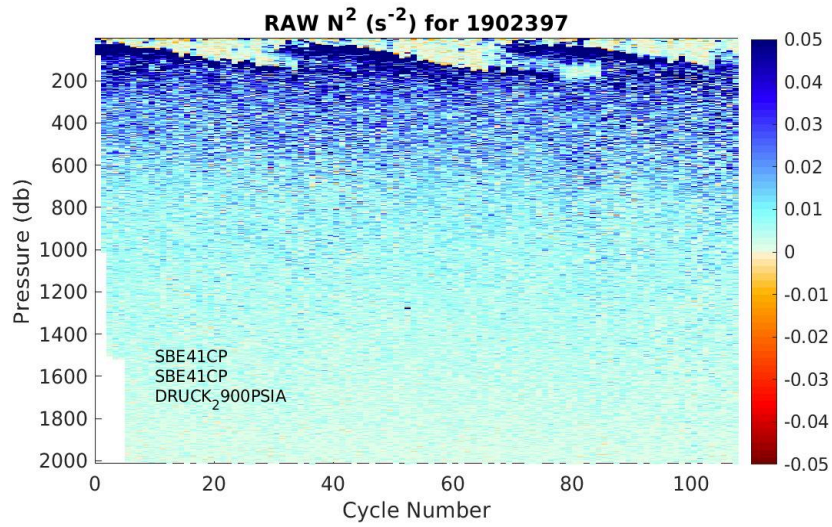


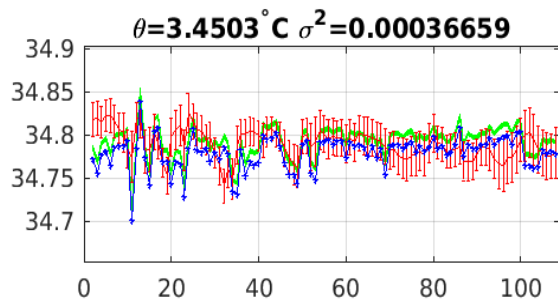
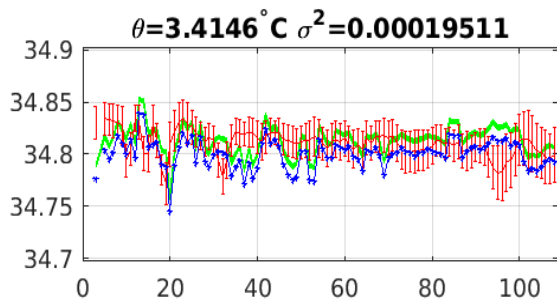
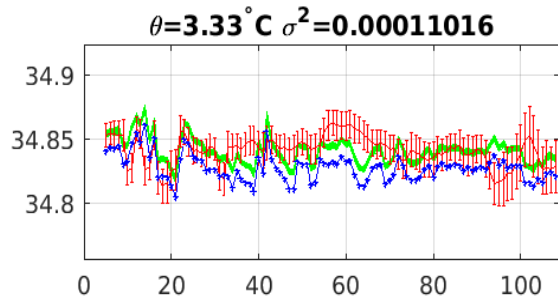
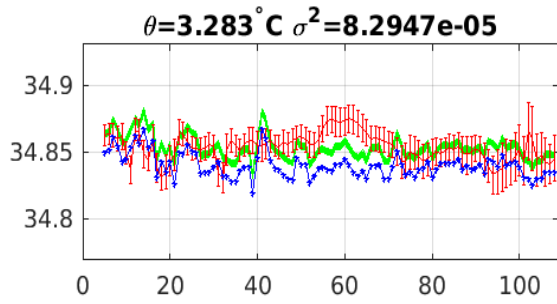
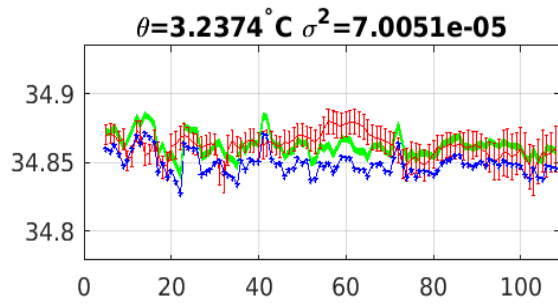
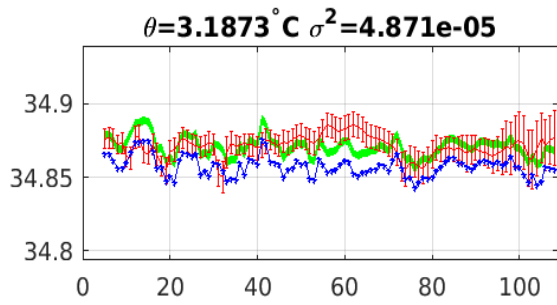
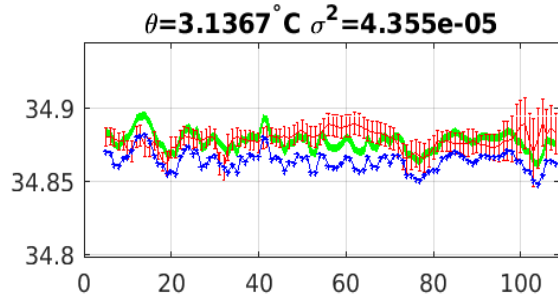
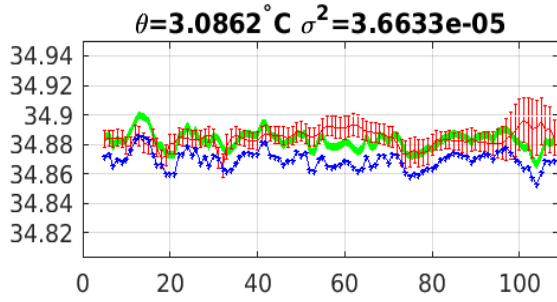
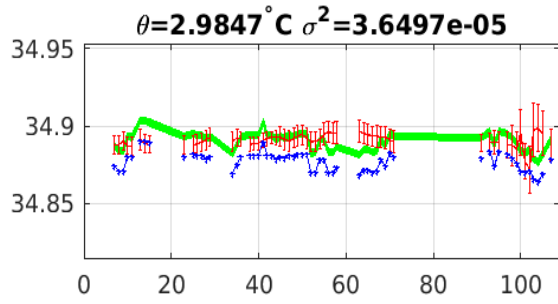
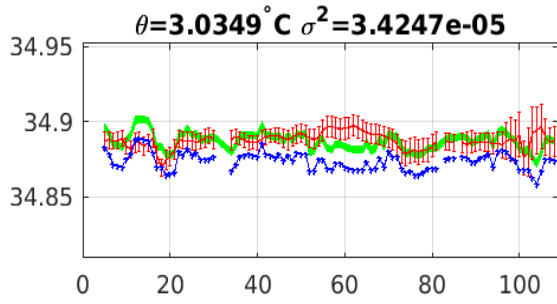
**Salinity anom on theta 1902397**



**Calibrated salinity anom on theta. 1902397**







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