

# WMO 4903371 - OWC Summary Plots

DMQC Operator: Deb West-Mack  
 Date: 23-Aug-2023 10:29:07  
 Cycles: 0 - 66  
 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

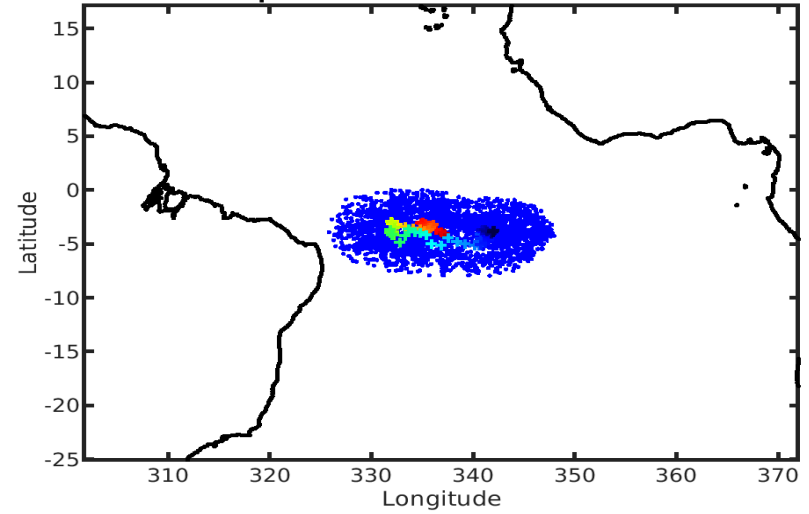
## OWC Parameters

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

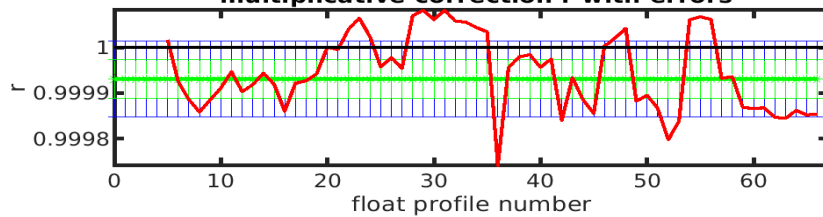
## Output

Pcond factor: 0.99993  
 Salinity Offset: [-0.0028301 - -0.0026877]

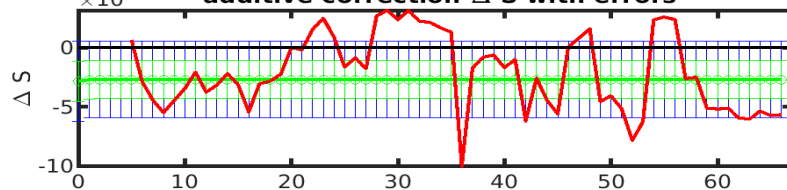
4903371 profile locations with historical data



4903371 potential conductivity (mmho/cm) multiplicative correction r with errors

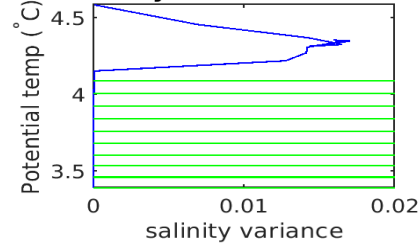


4903371 vertically-averaged salinity (PSS-78) additive correction ΔS with errors

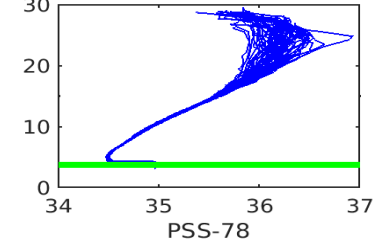


float profile number - blue: 2xcal error; green: 1xcal error; red: 1-1 profile f

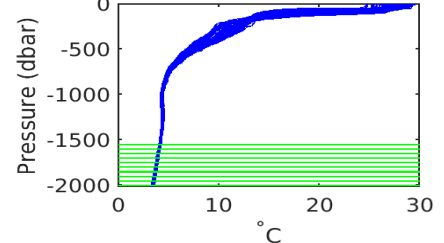
Salinity Variance on Theta



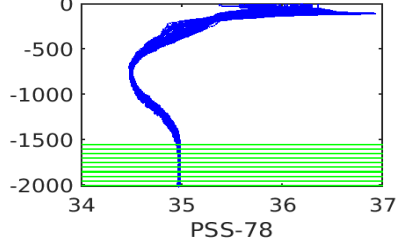
OW chosen levels -4903371



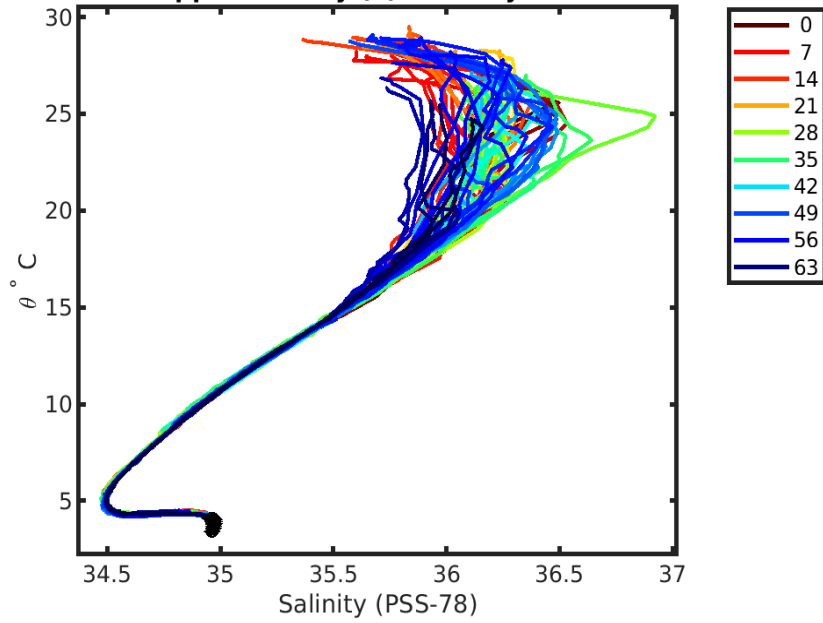
OW chosen levels -4903371



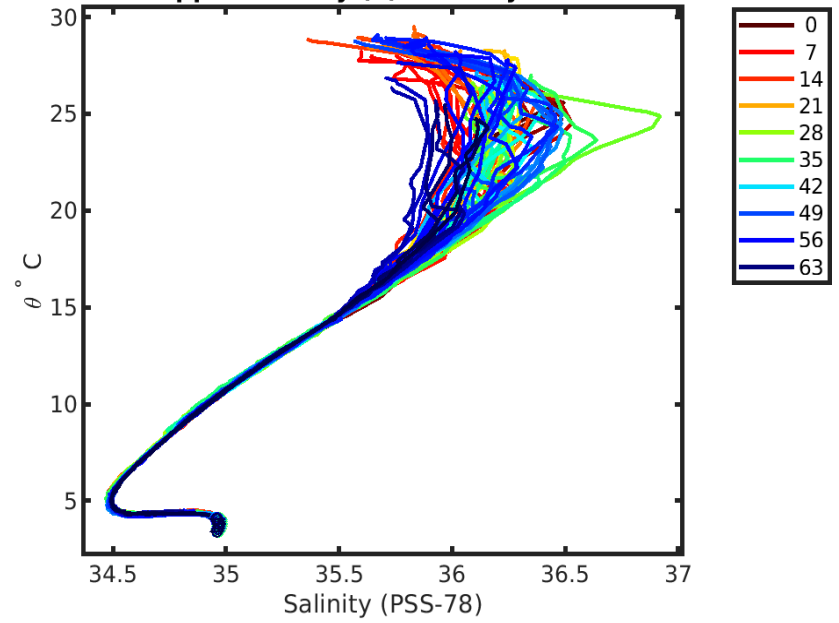
OW chosen levels -4903371



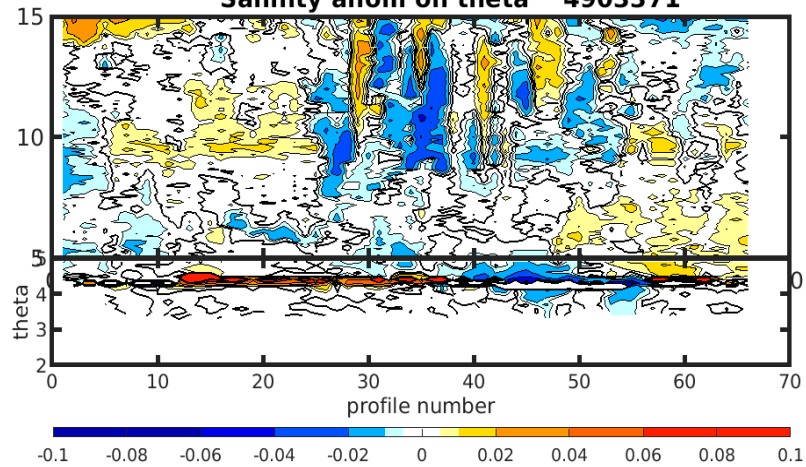
**4903371 uncalibrated float data (-)  
and mapped salinity (o) with objective errors**



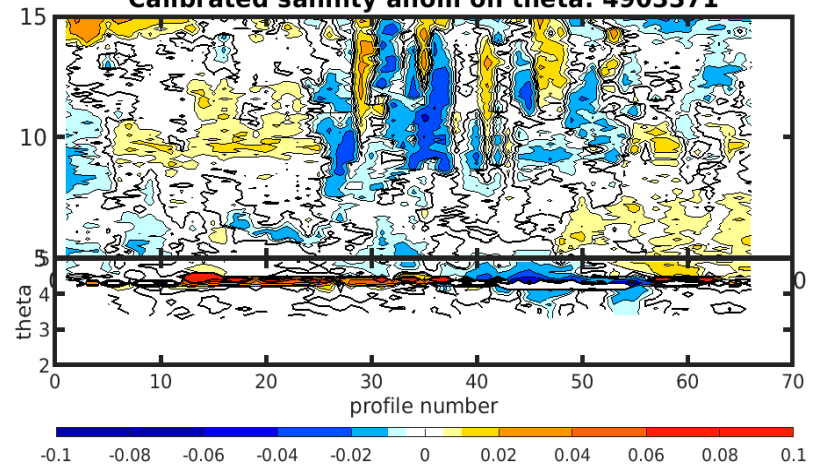
**4903371 calibrated float data (-)  
and mapped salinity (o) with objective errors**

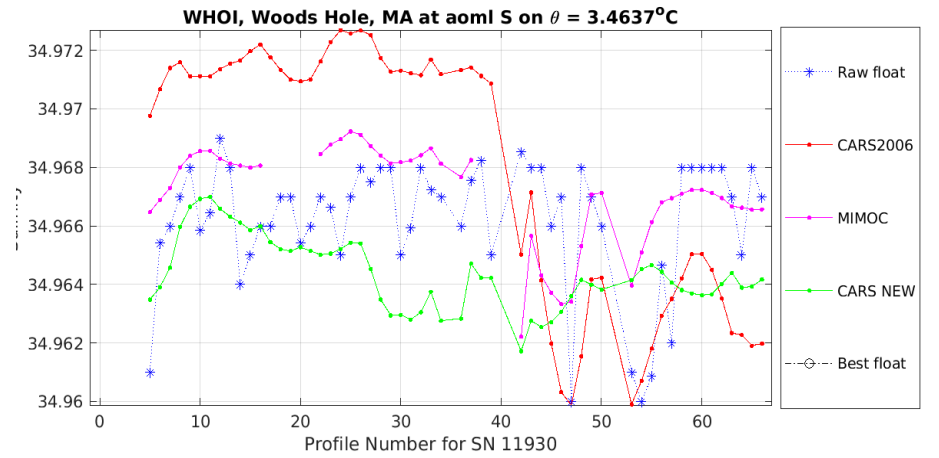
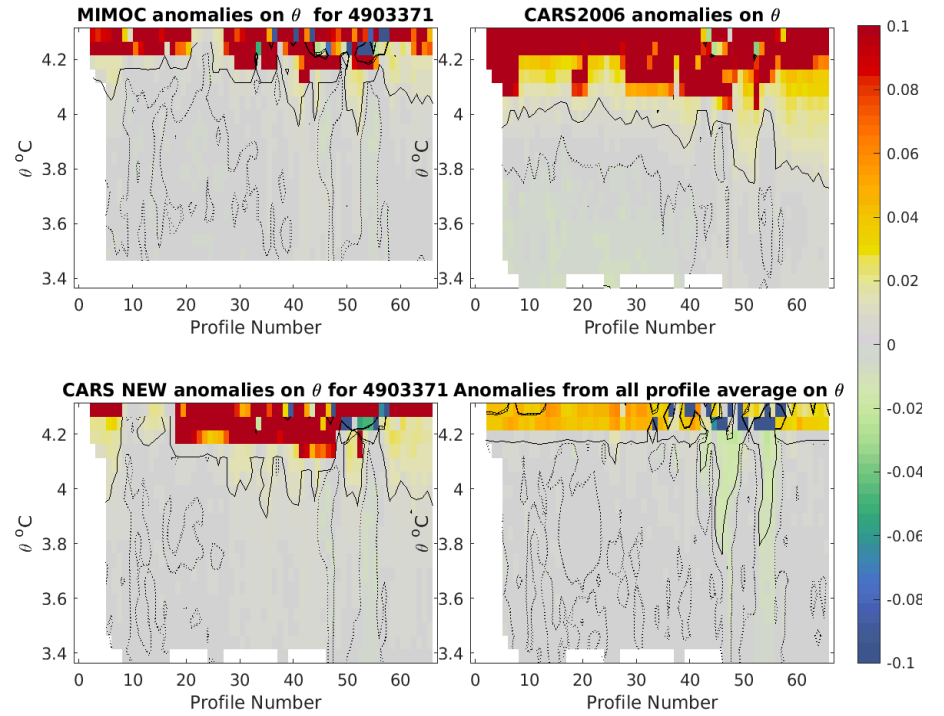
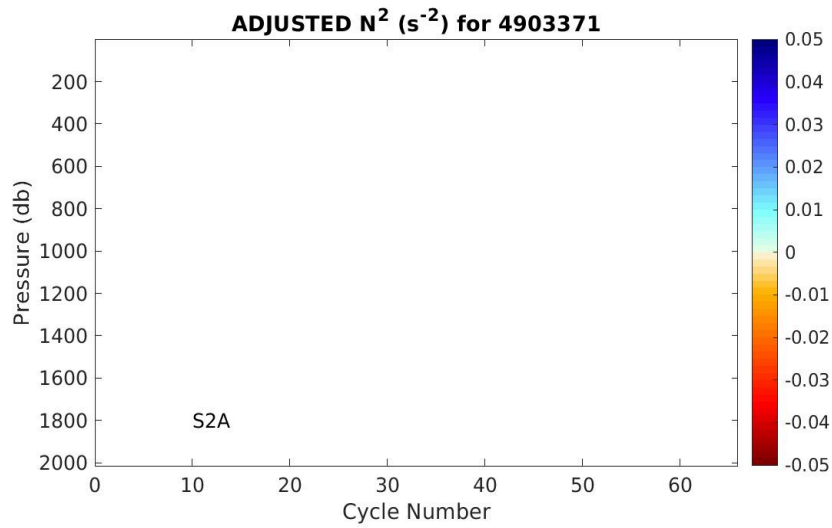
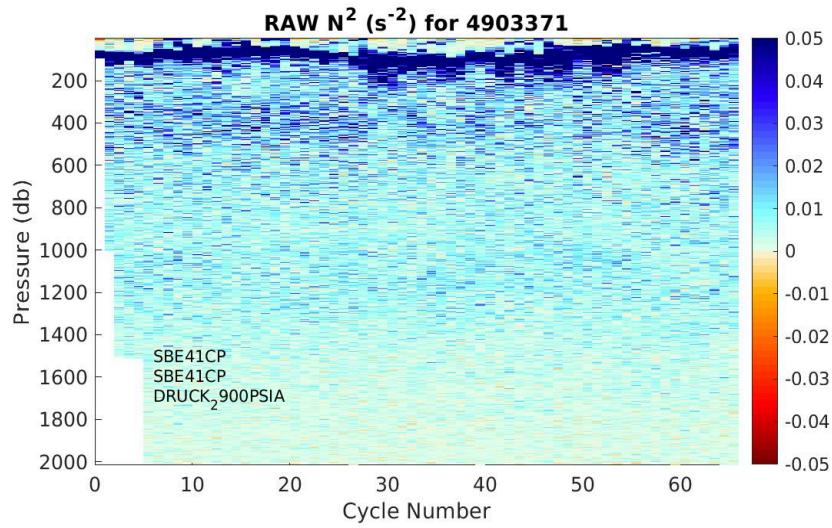


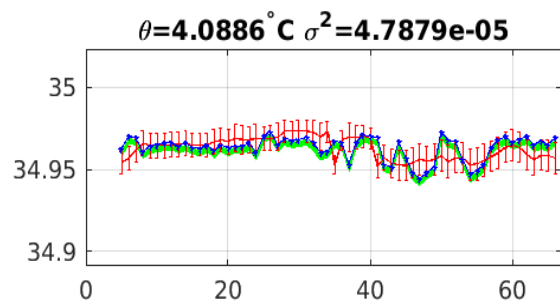
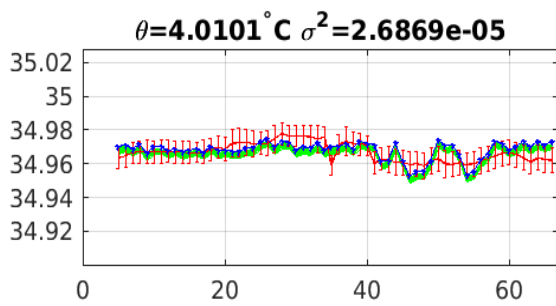
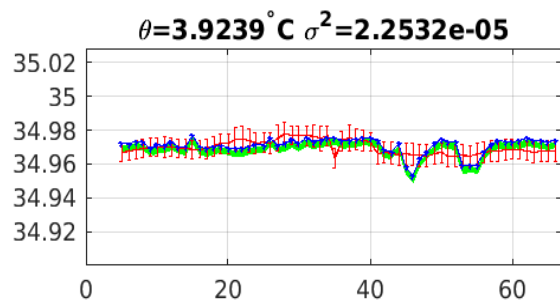
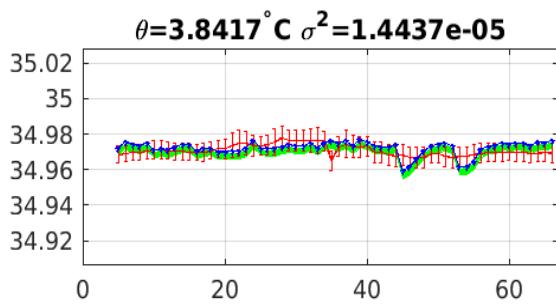
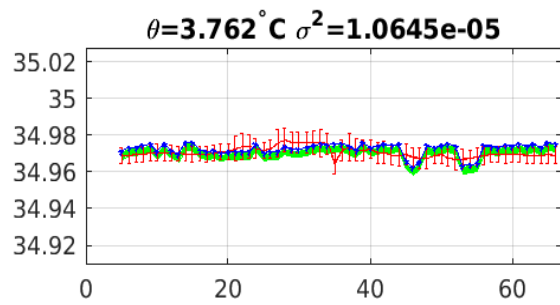
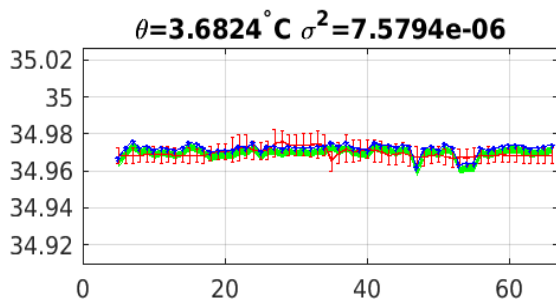
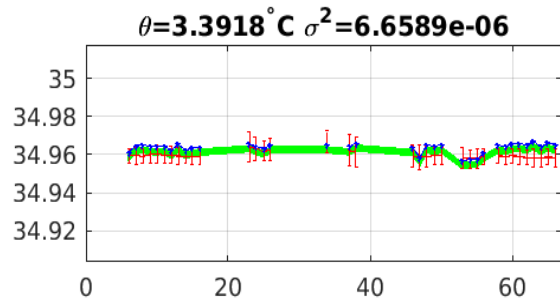
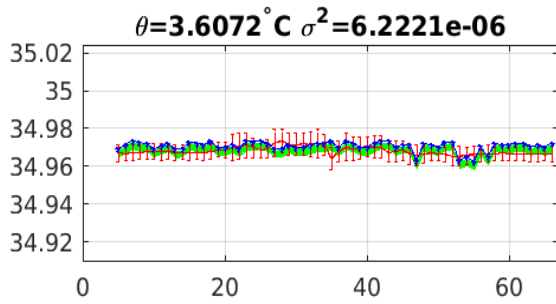
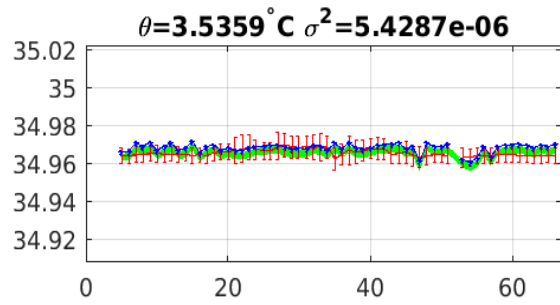
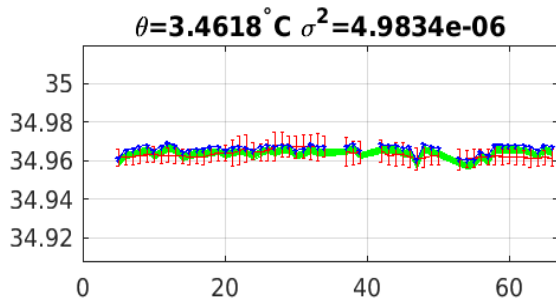
**Salinity anom on theta 4903371**



**Calibrated salinity anom on theta. 4903371**







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