

# WMO 3901113 - OWC Summary Plots

DMQC Operator: Sachiko Yoshida  
 Date: 23-Sep-2021 10:36:03  
 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

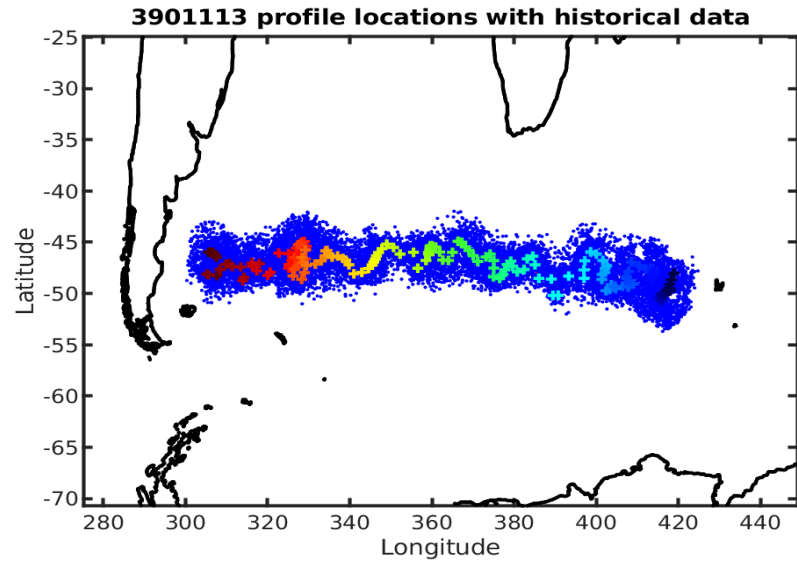
Longitude: 1° / 2°  
 Latitude: 0.5° / 1°  
 Age: 5yrs / 10yrs  
 PV: 0  
 SAF: 0

## OWC Parameters

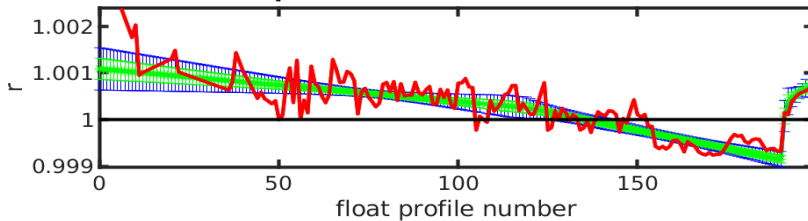
Pressure: : 800 < pres < --  
 Theta: -- < theta < --  
 Breaks: 1 1 81.9920.0177

## Output

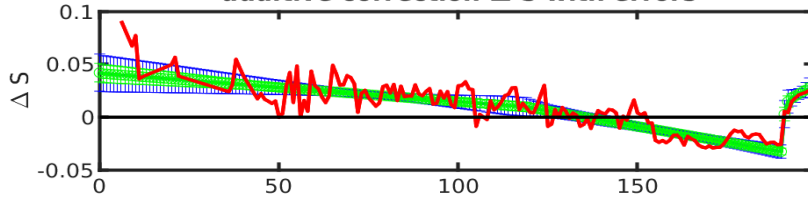
Pcond factor: [0.99915 - 1.0011]  
 Salinity Offset: [-0.032546 - 0.04214]



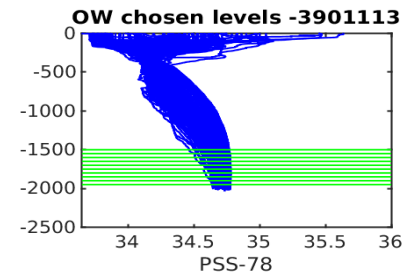
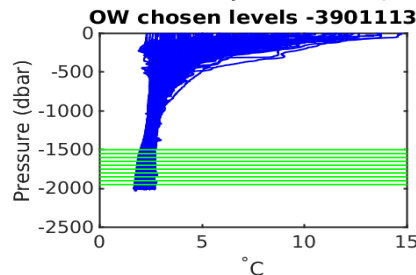
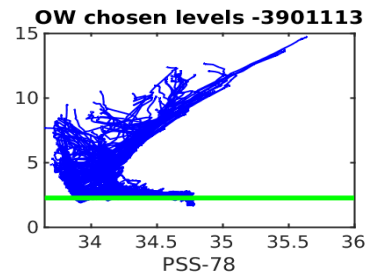
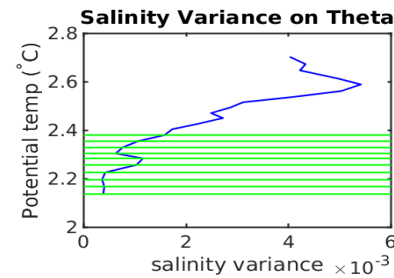
**3901113 potential conductivity (mmho/cm) multiplicative correction r with errors**



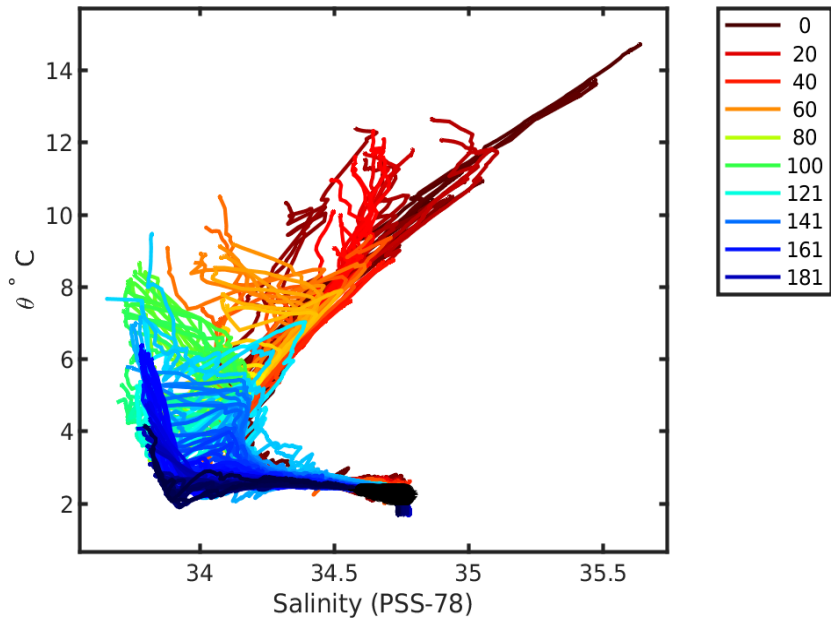
**3901113 vertically-averaged salinity (PSS-78) additive correction ΔS with errors**



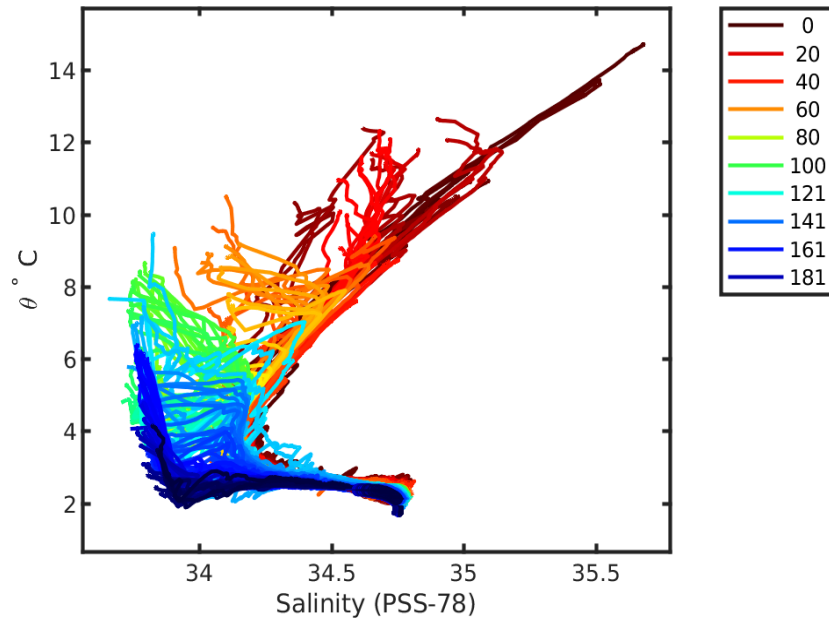
float profile number - blue: 2xcal error; green: 1xcal error; red: 1-1 profile f



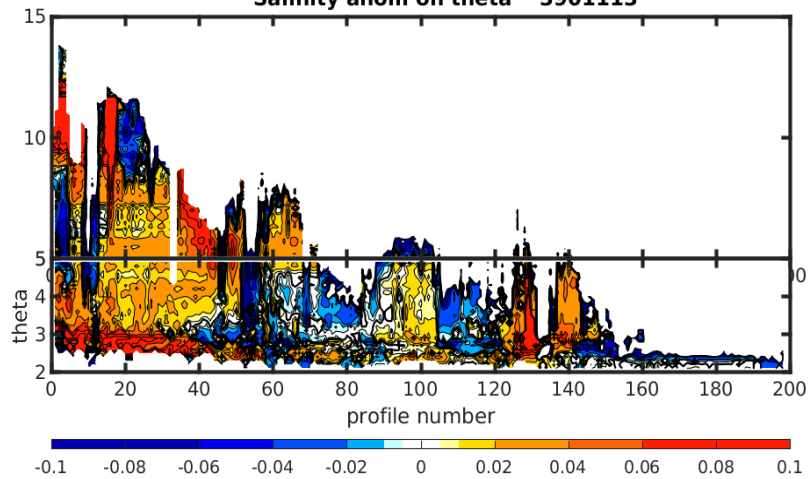
**3901113 uncalibrated float data (-)  
and mapped salinity (o) with objective errors**



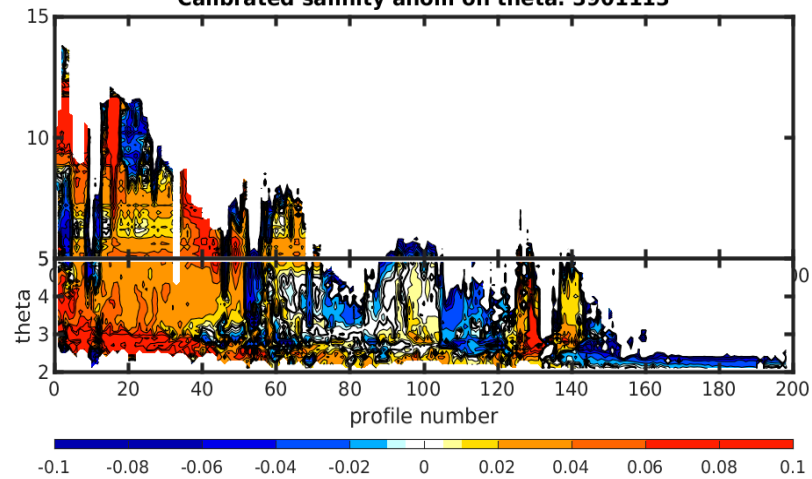
**3901113 calibrated float data (-)  
and mapped salinity (o) with objective errors**

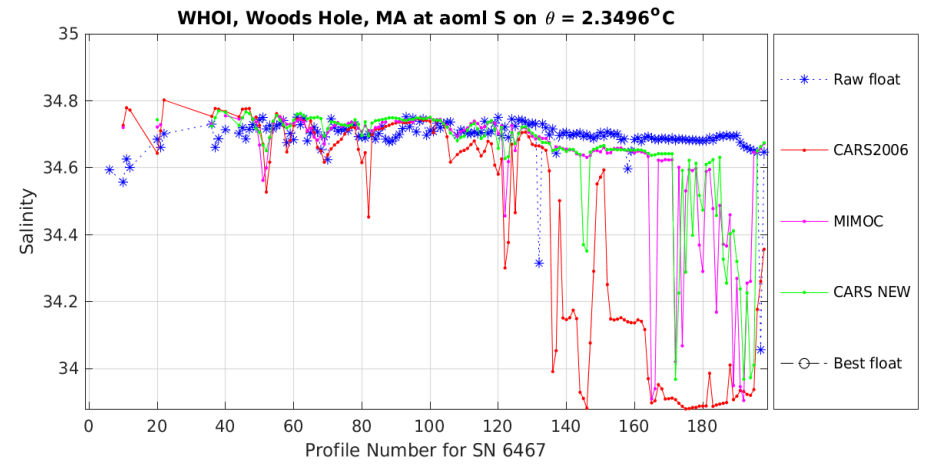
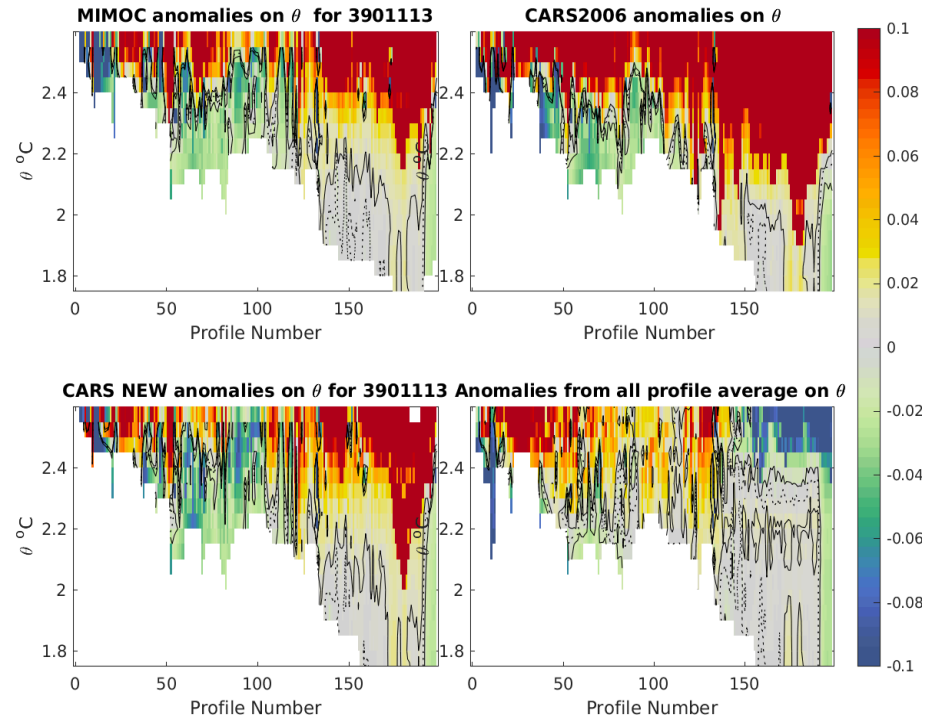
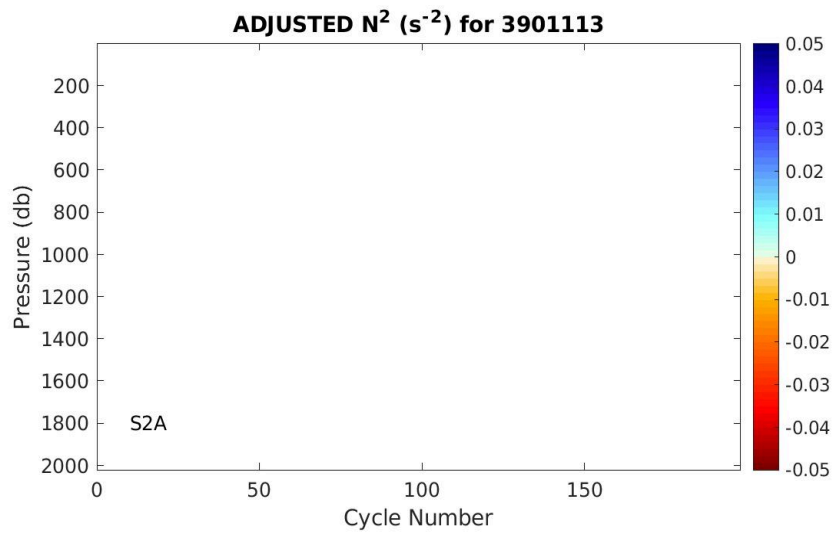
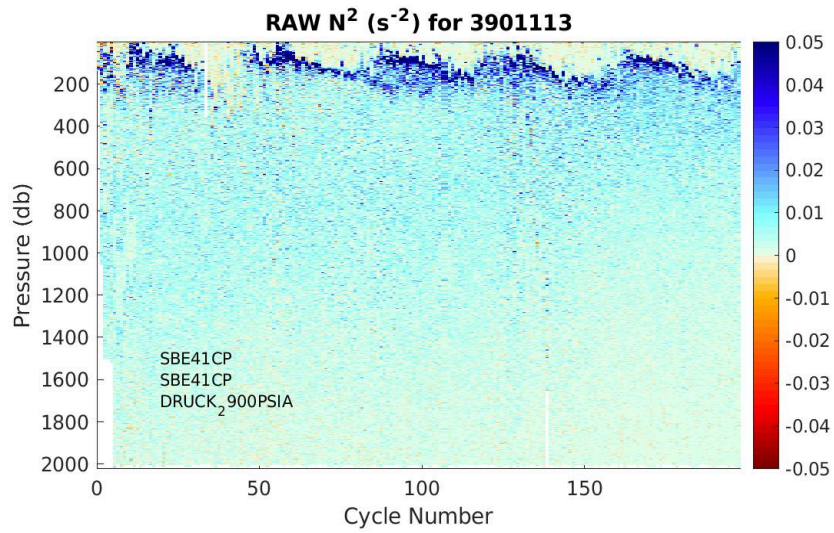


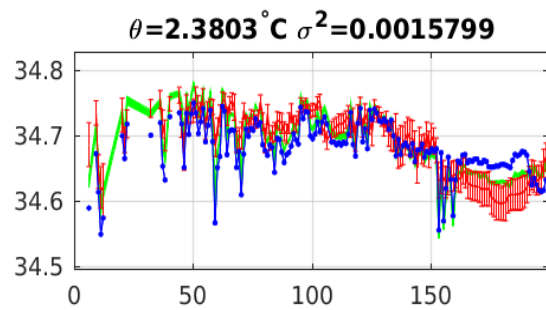
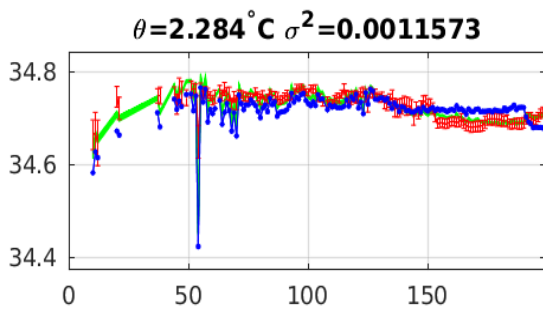
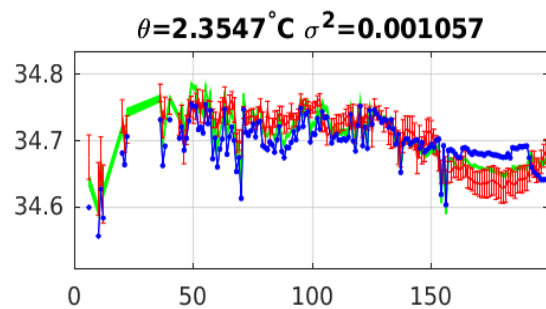
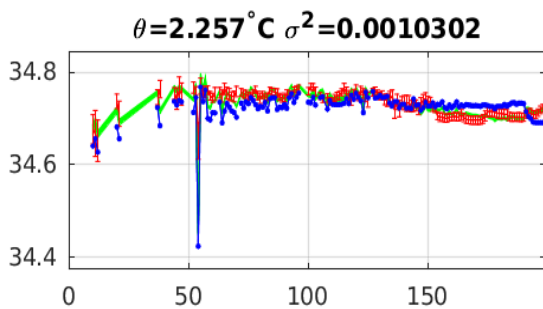
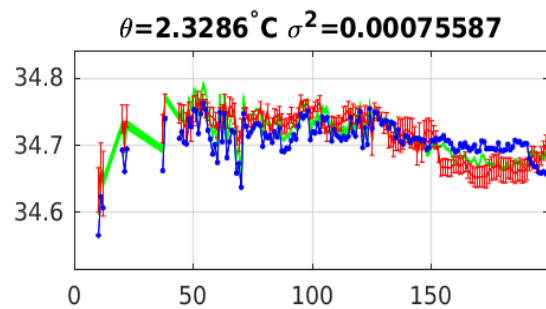
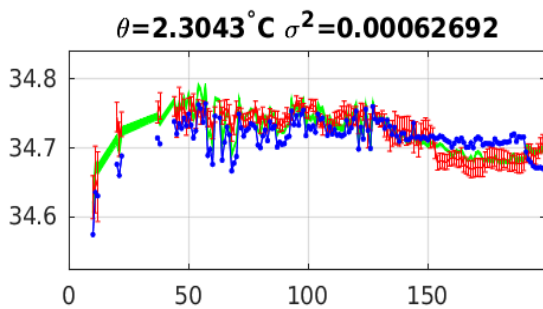
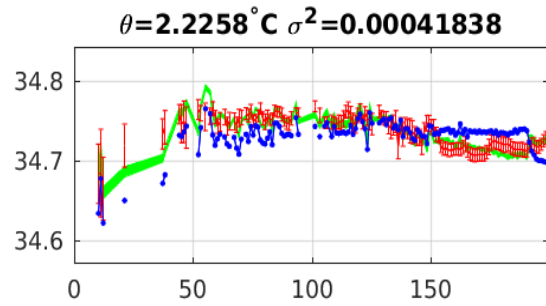
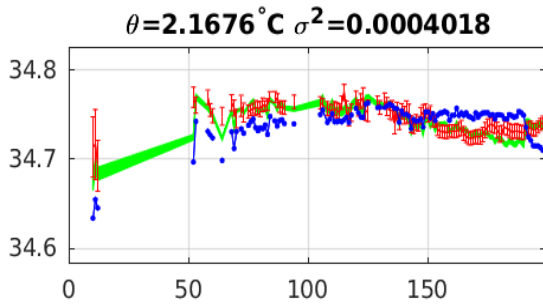
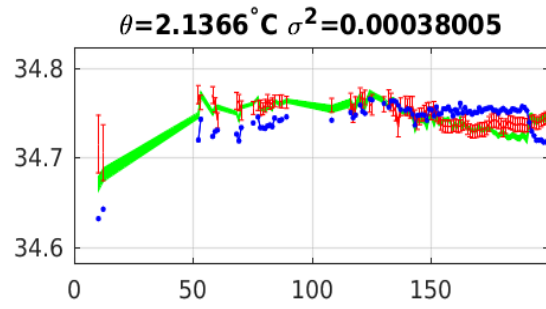
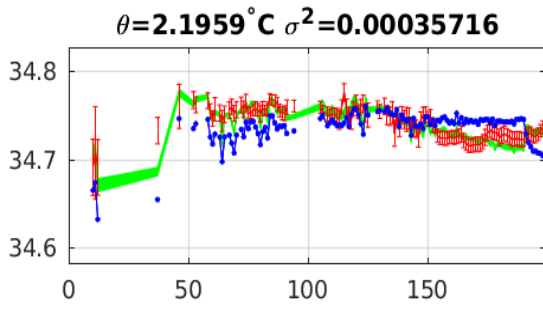
**Salinity anom on theta 3901113**



**Calibrated salinity anom on theta. 3901113**







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