

# WMO 3901220 - OWC Summary Plots

DMQC Operator: Deb West-Mack  
 Date: 10-Jan-2023 16:23:11  
 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

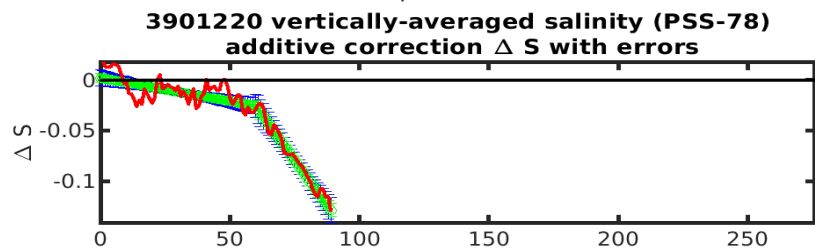
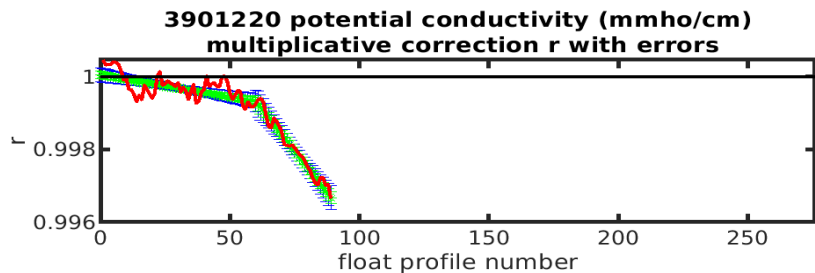
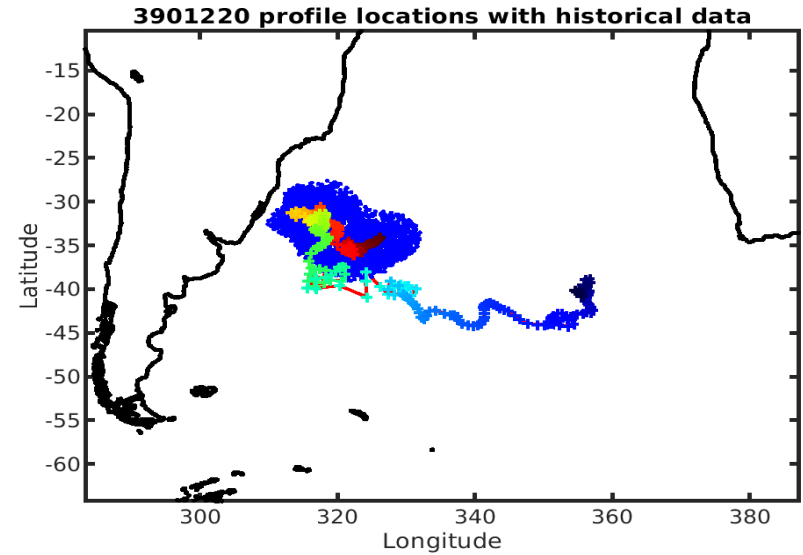
Longitude: 1° / 2°  
 Latitude: 0.5° / 1°  
 Age: 5yrs / 10yrs  
 PV: 0  
 SAF: 0

## OWC Parameters

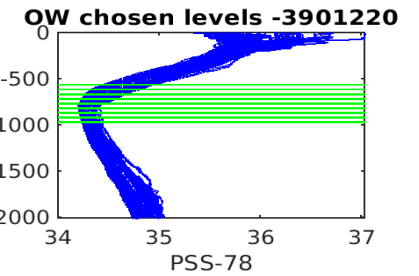
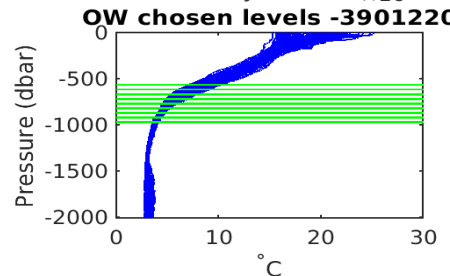
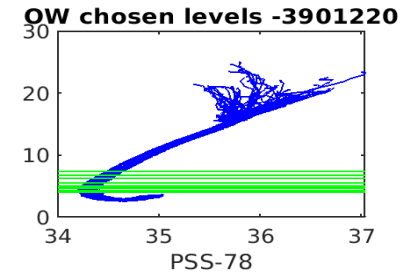
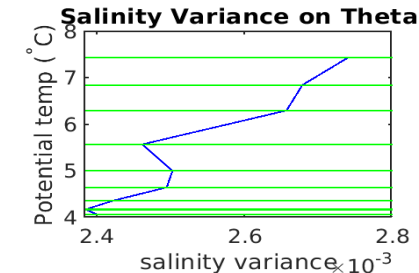
Pressure: : -- < pres < --  
 Theta: 4 < theta < 8  
 Breaks: 60.0052

## Output

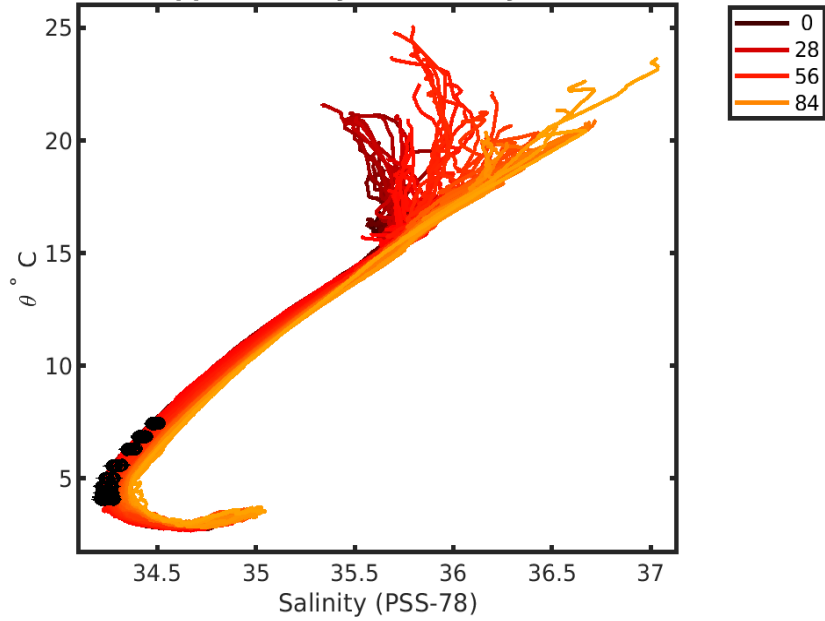
Pcond factor: [0.99668 - 1.0001]  
 Salinity Offset: [-0.12905 - 0.002027]



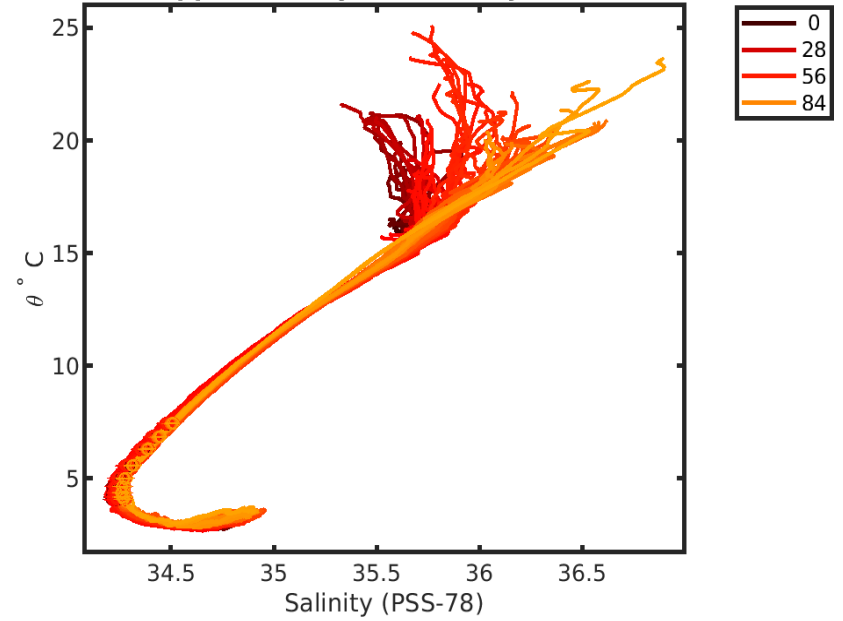
float profile number - blue: 2xcal error; green: 1xcal error; red: 1-1 profile f



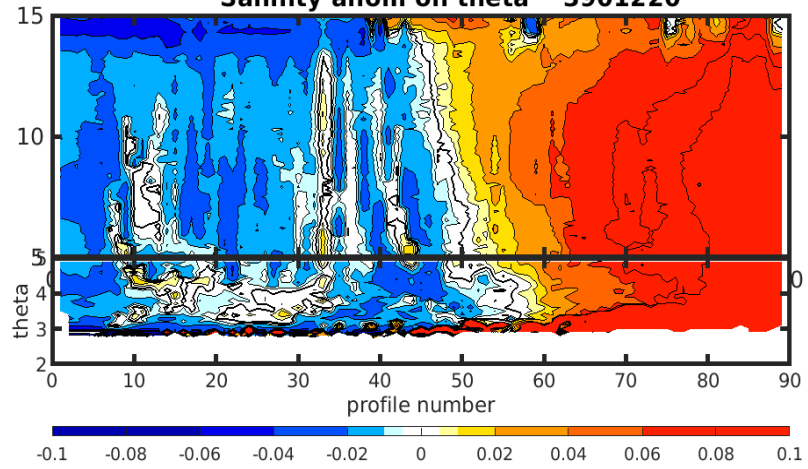
**3901220 uncalibrated float data (-)  
and mapped salinity (o) with objective errors**



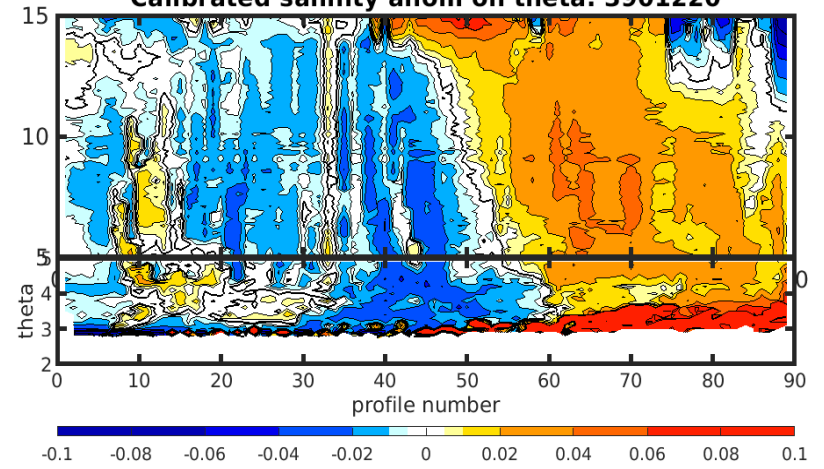
**3901220 calibrated float data (-)  
and mapped salinity (o) with objective errors**

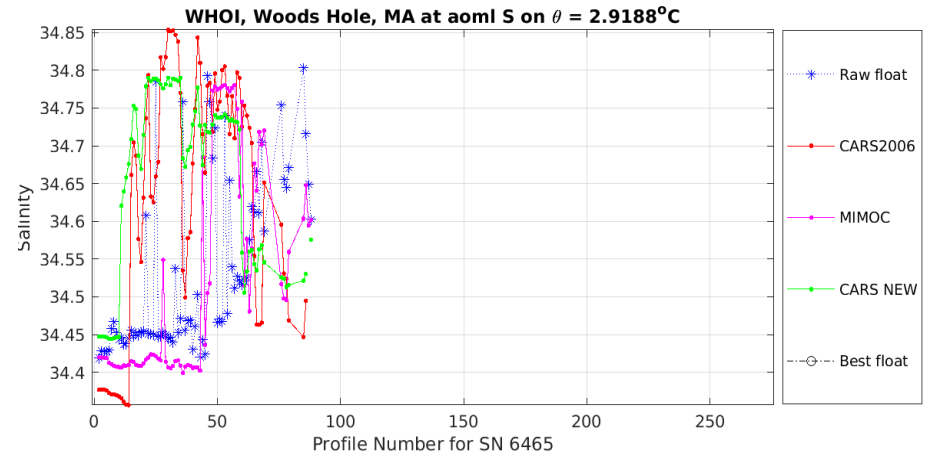
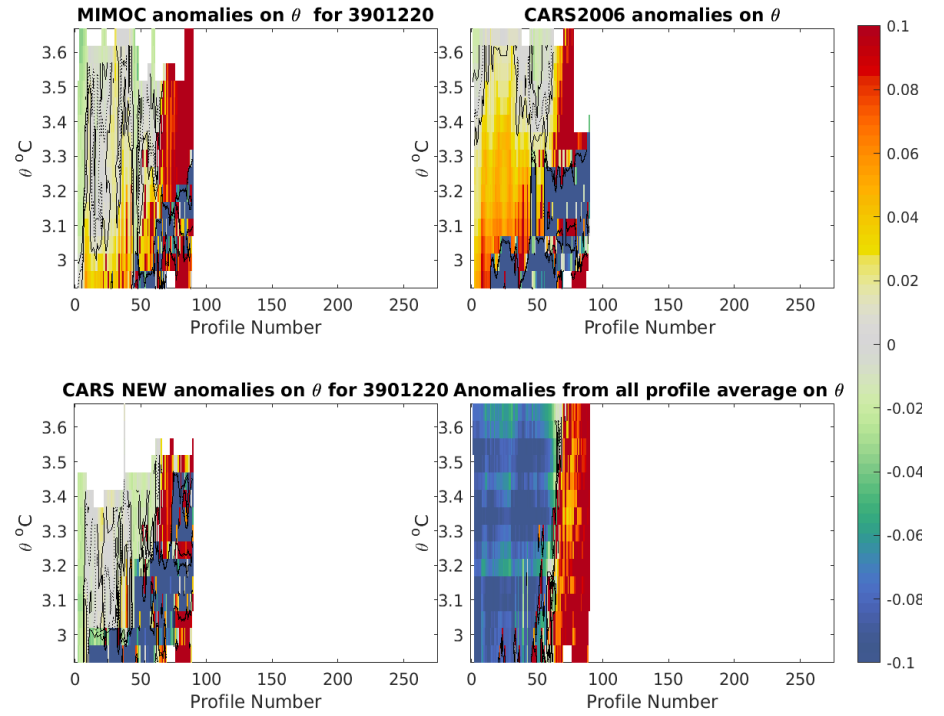
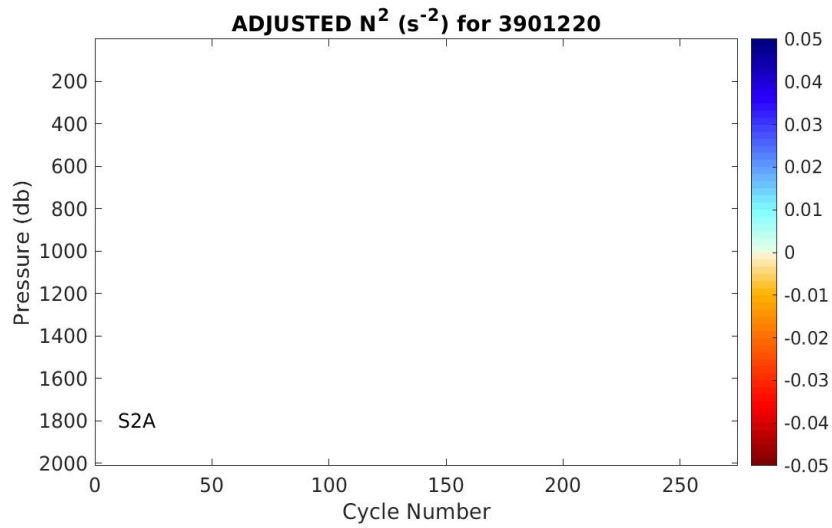
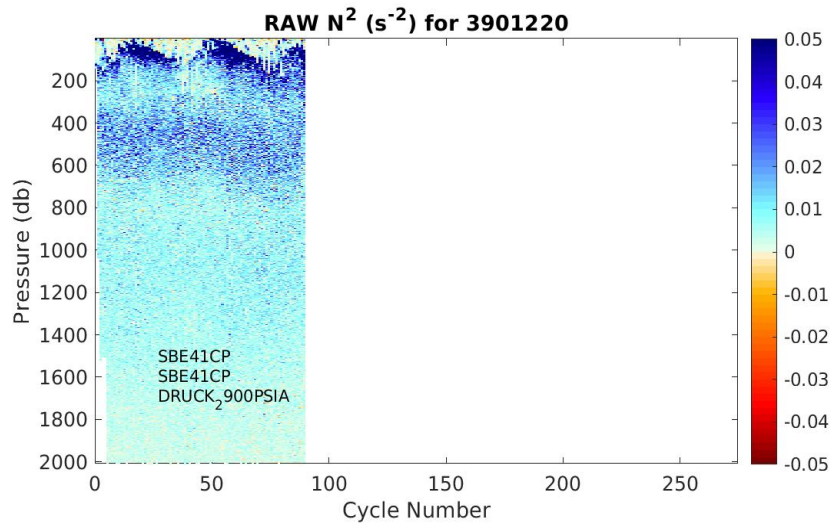


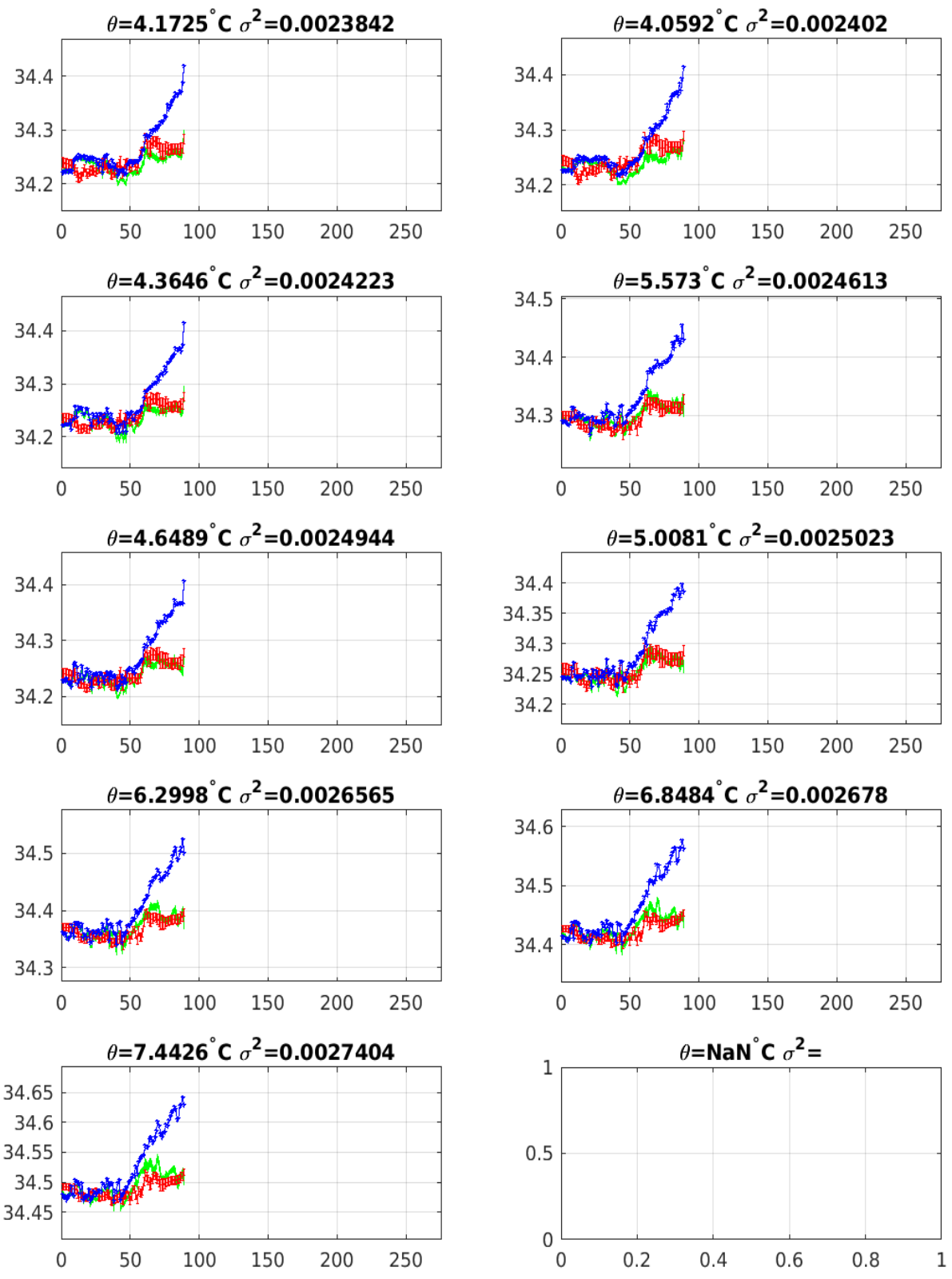
**Salinity anom on theta 3901220**



**Calibrated salinity anom on theta. 3901220**







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