

WMO 3901828 - OWC Summary Plots

DMQC Operator: Sachiko Yoshida

Date: 16-Jul-2021 12:50:09

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: : 1500 < pres < --

Theta: -- < theta < 1.4

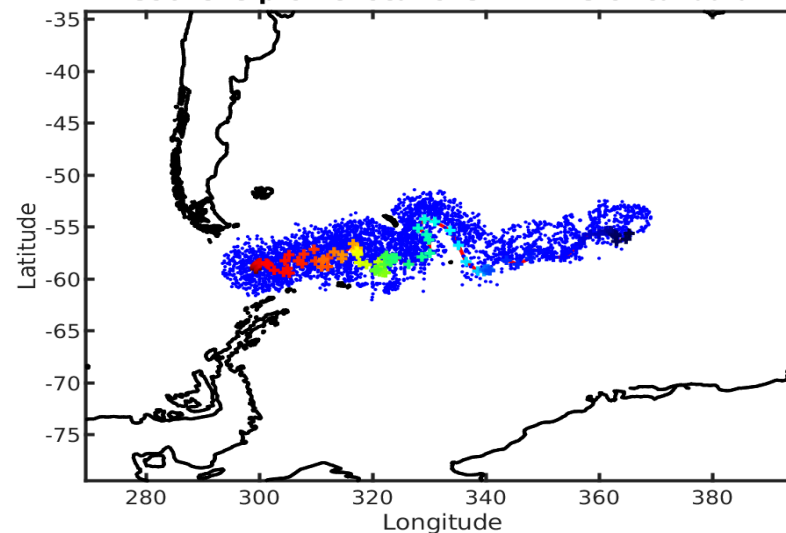
Breaks: --

Output

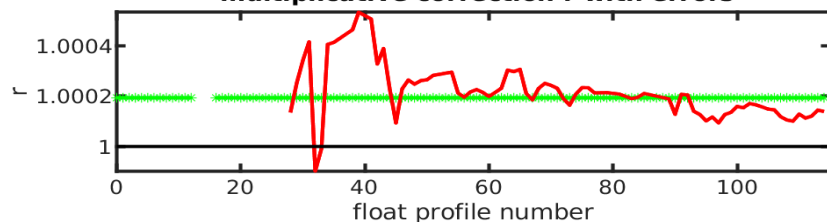
Pcond factor: 1.0002

Salinity Offset: [0.0071914 - 0.0073853]

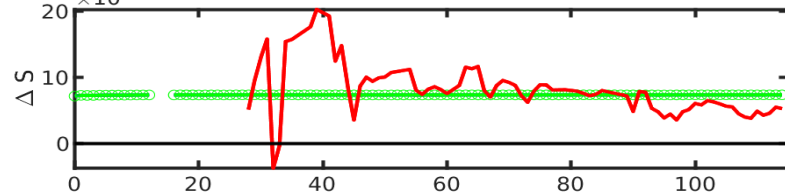
3901828 profile locations with historical data



3901828 potential conductivity (mmho/cm)
multiplicative correction r with errors

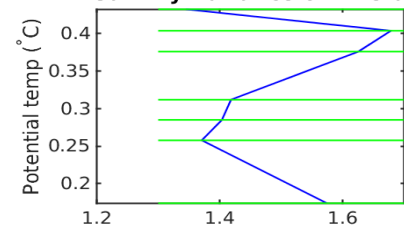


3901828 vertically-averaged salinity (PSS-78)
additive correction ΔS with errors

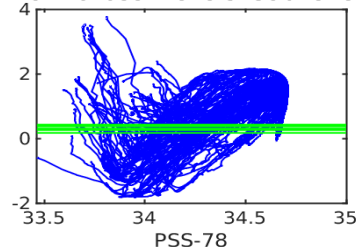


float profile number - blue: 2xcal error; green: 1xcal error; red: 1-1 profile f

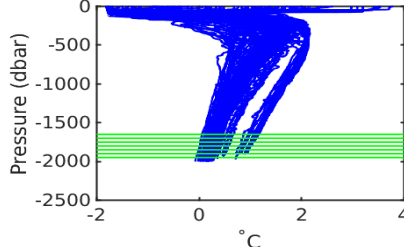
Salinity Variance on Theta



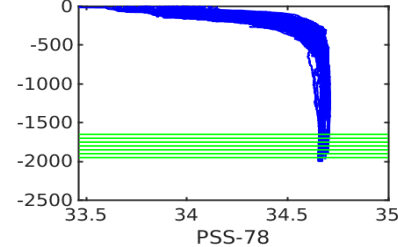
OW chosen levels -3901828



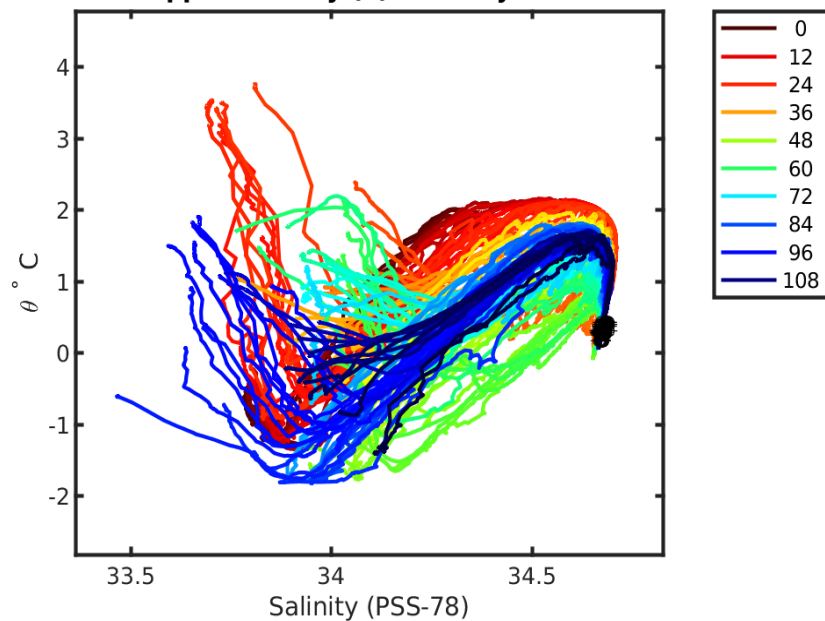
OW chosen levels -3901828



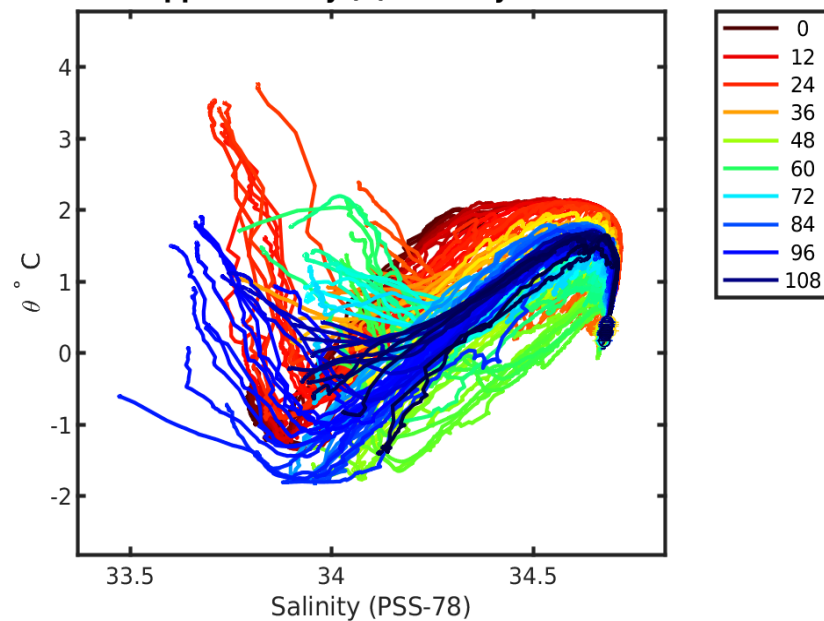
OW chosen levels -3901828



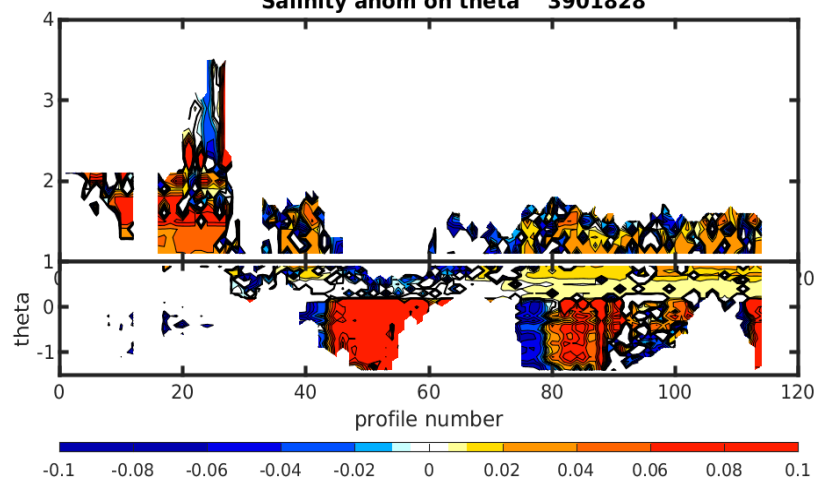
**3901828 uncalibrated float data (-)
and mapped salinity (o) with objective errors**



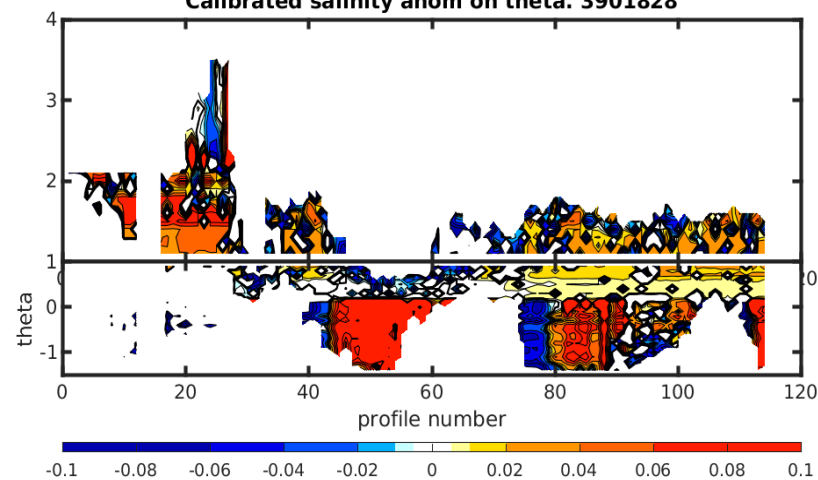
**3901828 calibrated float data (-)
and mapped salinity (o) with objective errors**

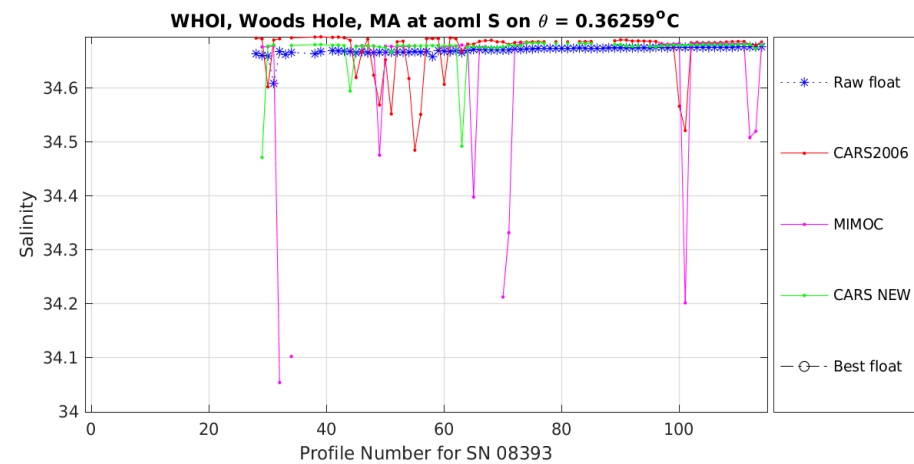
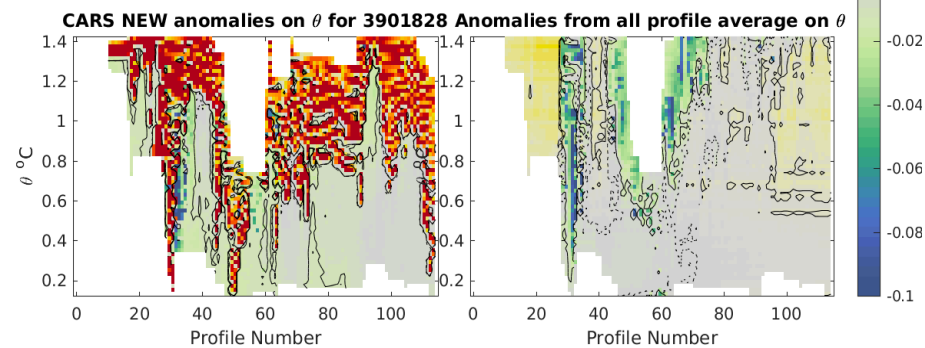
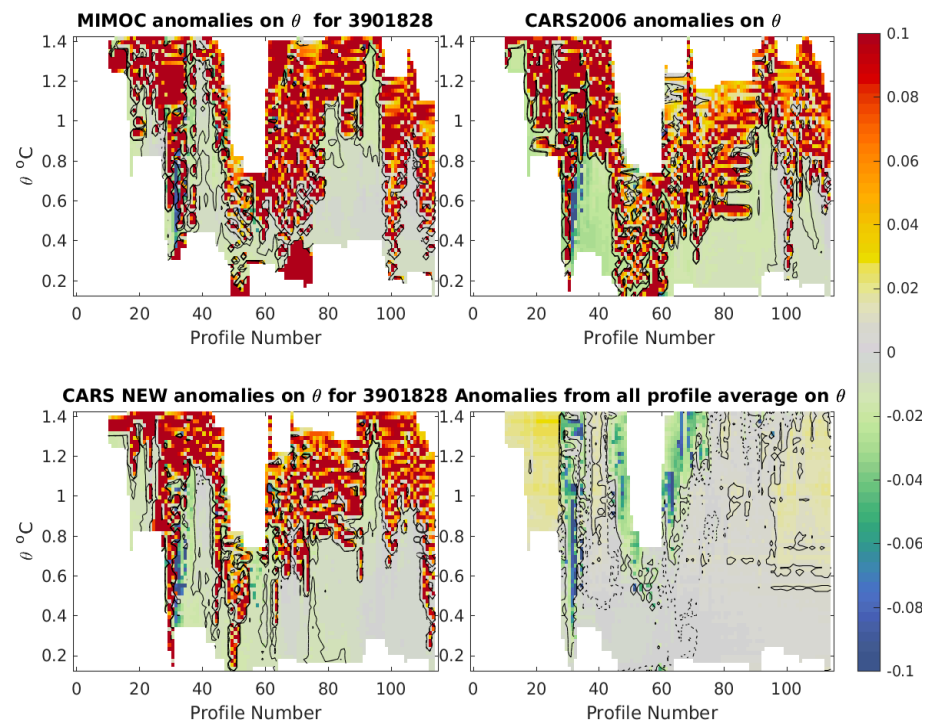
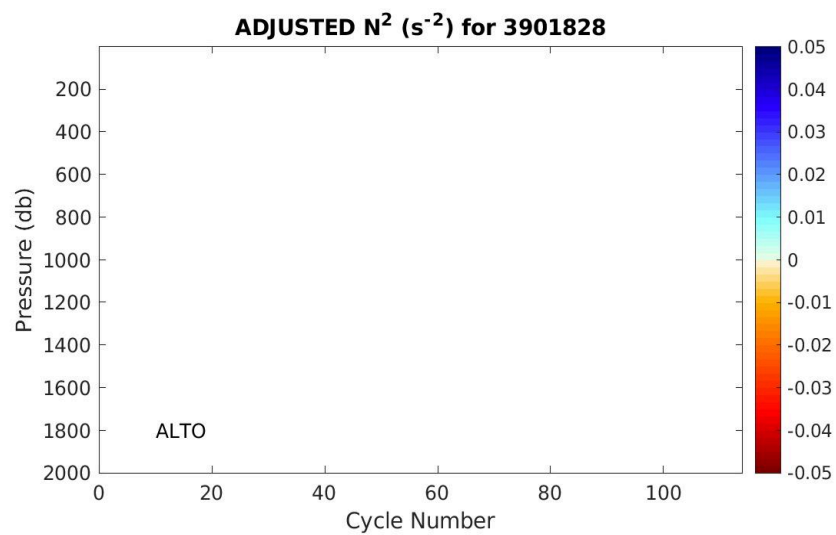
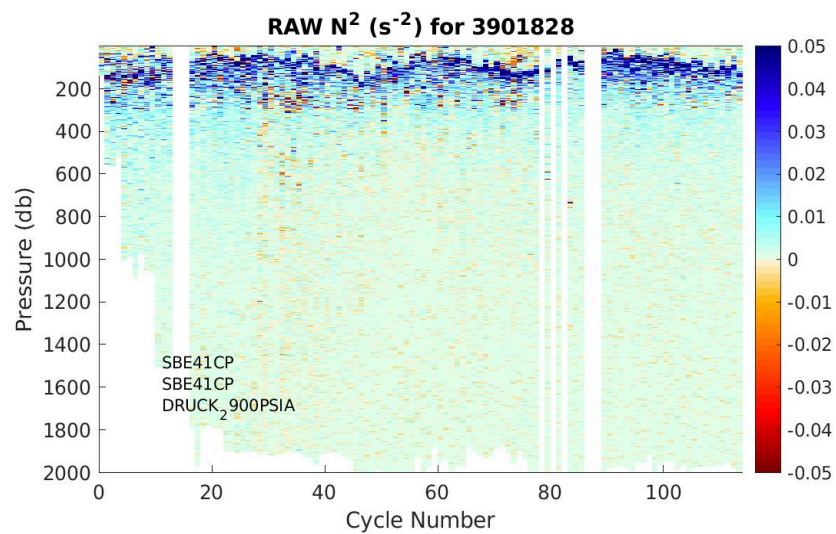


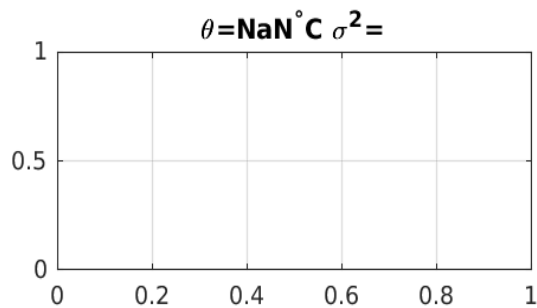
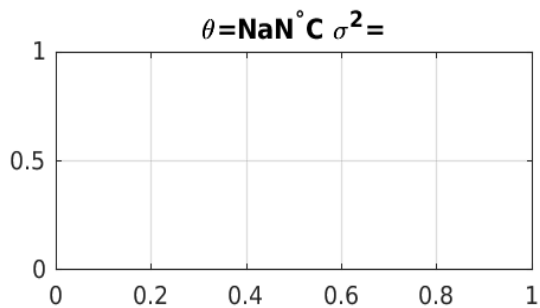
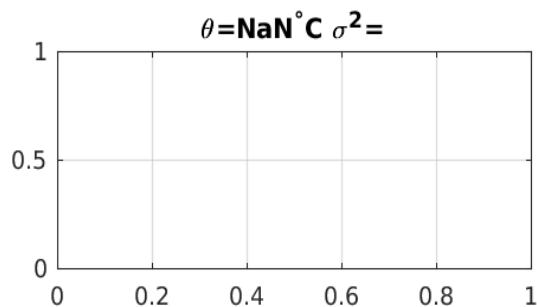
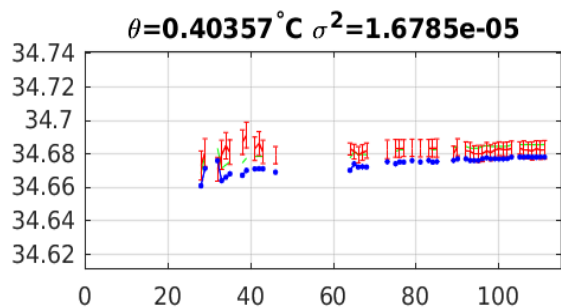
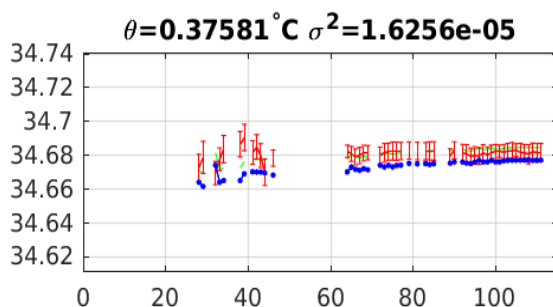
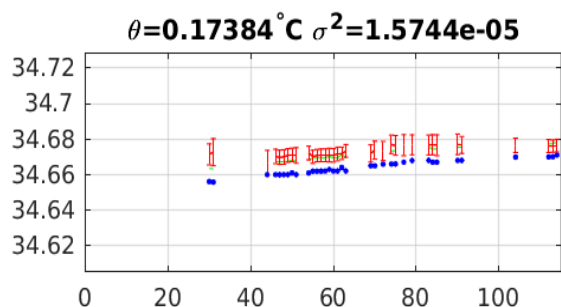
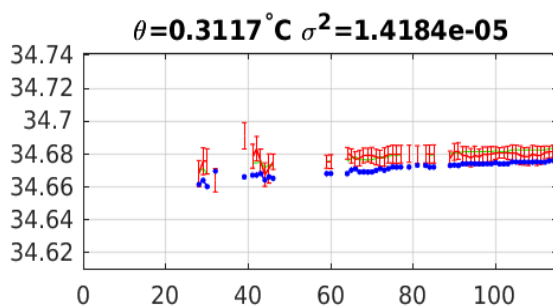
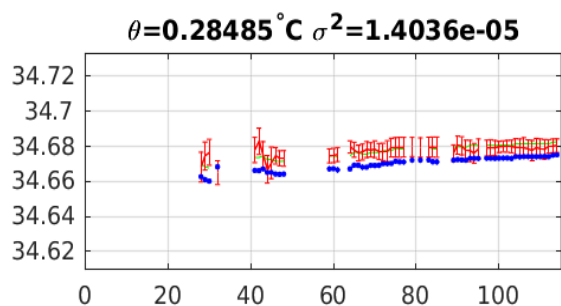
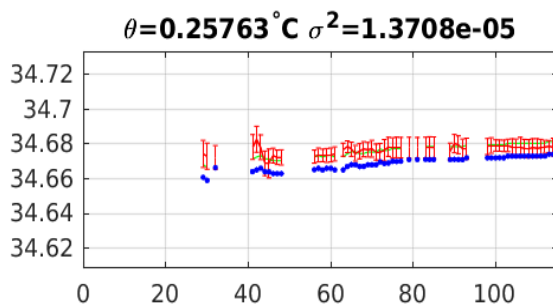
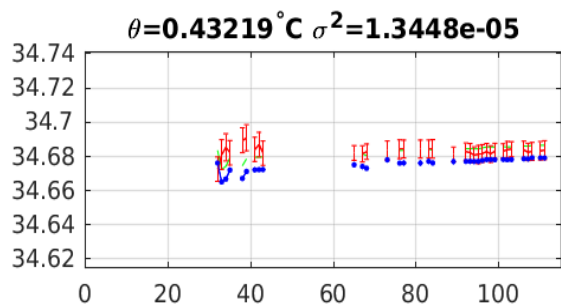
Salinity anom on theta 3901828



Calibrated salinity anom on theta. 3901828







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