

WMO 5904386 - OWC Summary Plots

DMQC Operator: Sachiko Yoshida

Date: 02-Mar-2022 17:30:31

Config File: cow_config_sm.txt

WMO Boxes: wmo_boxes_ctd21argo21.mat

Historical Argo: ARGO_for_DMQC_2021V03_1XXXX.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: -- < theta < --

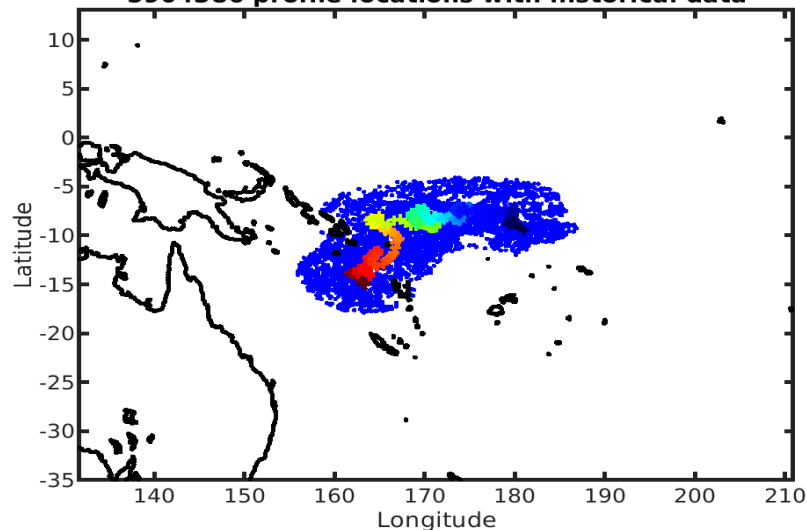
Breaks: --

Output

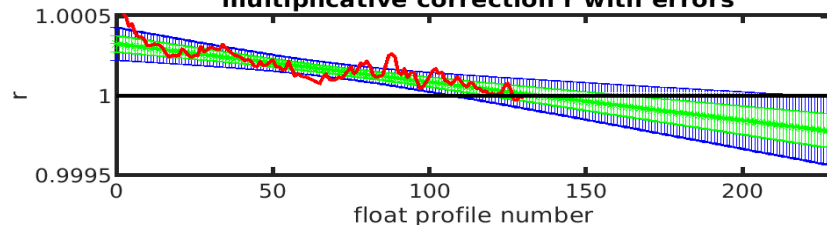
Pcond factor: [0.99978 - 1.0003]

Salinity Offset: [-0.0085136 - 0.012944]

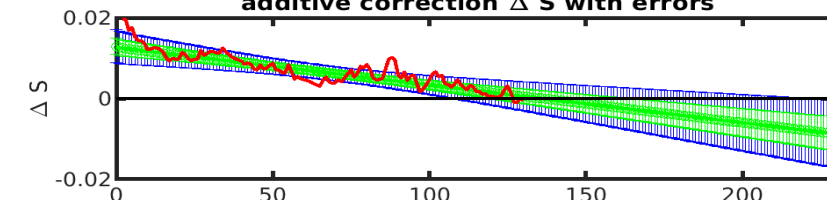
5904386 profile locations with historical data



5904386 potential conductivity (mmho/cm)
multiplicative correction r with errors

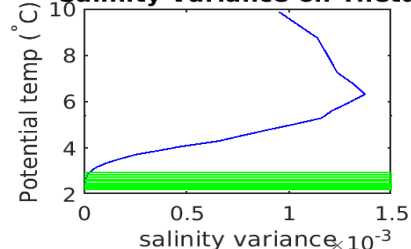


5904386 vertically-averaged salinity (PSS-78)
additive correction ΔS with errors

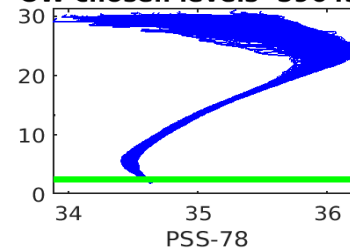


float profile number - blue: 2xcal error; green: 1xcal error; red: 1-1 profile f

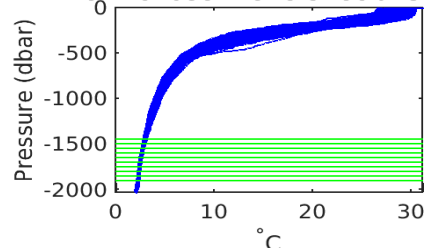
Salinity Variance on Theta



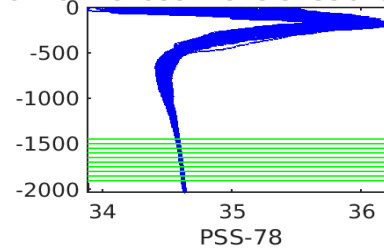
OW chosen levels -5904386



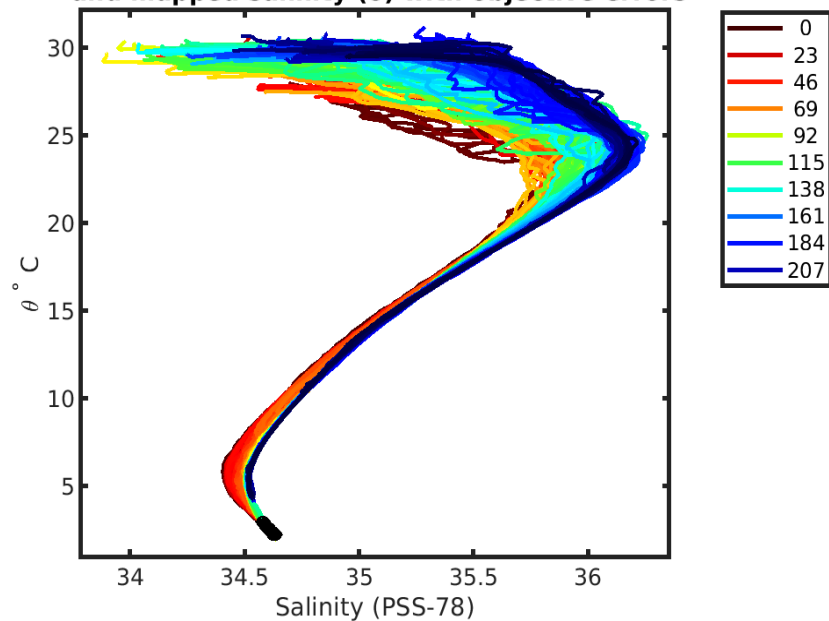
OW chosen levels -5904386



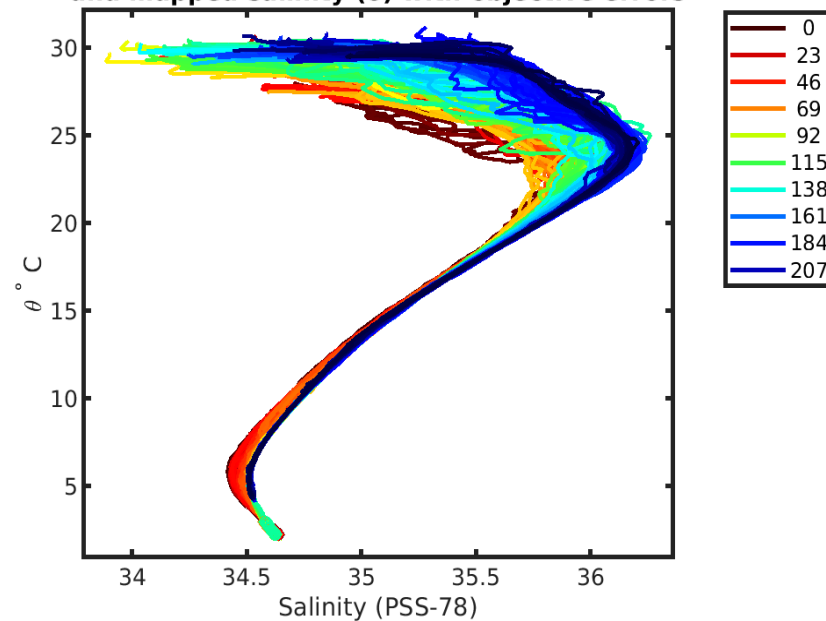
OW chosen levels -5904386



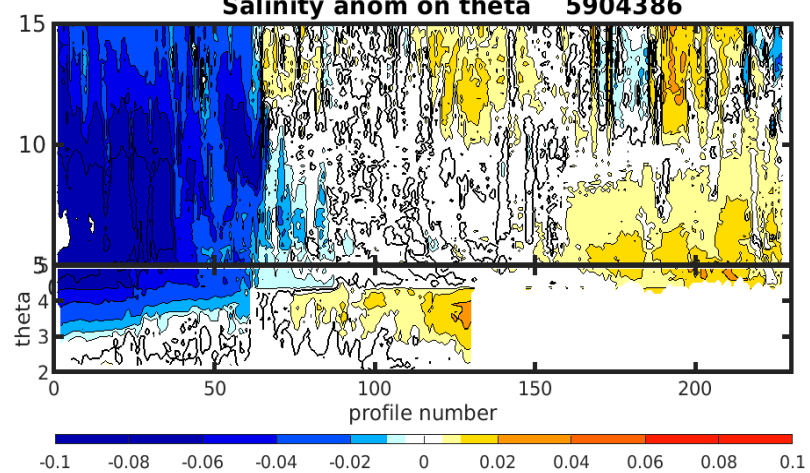
5904386 uncalibrated float data (-)
and mapped salinity (o) with objective errors



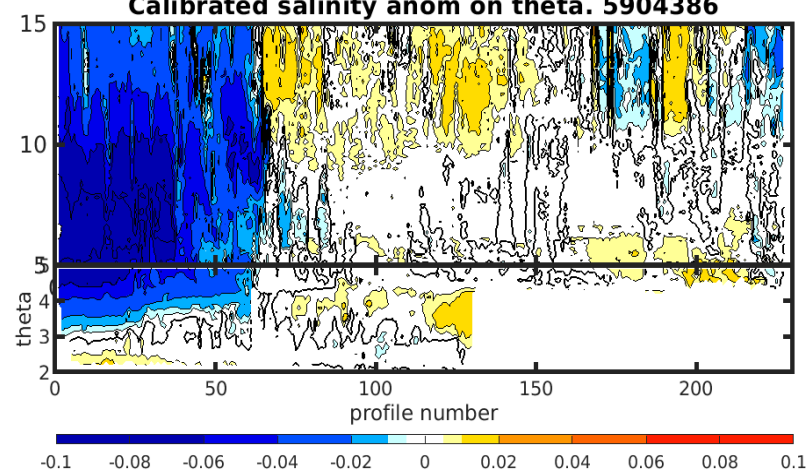
5904386 calibrated float data (-)
and mapped salinity (o) with objective errors

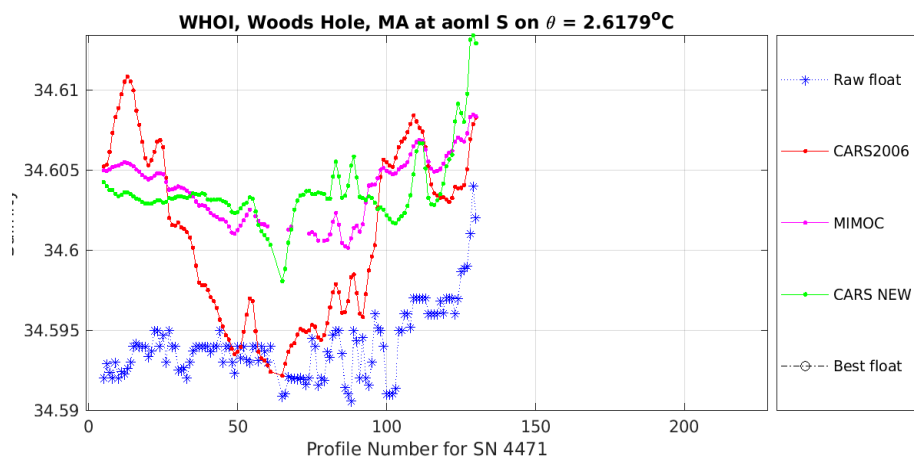
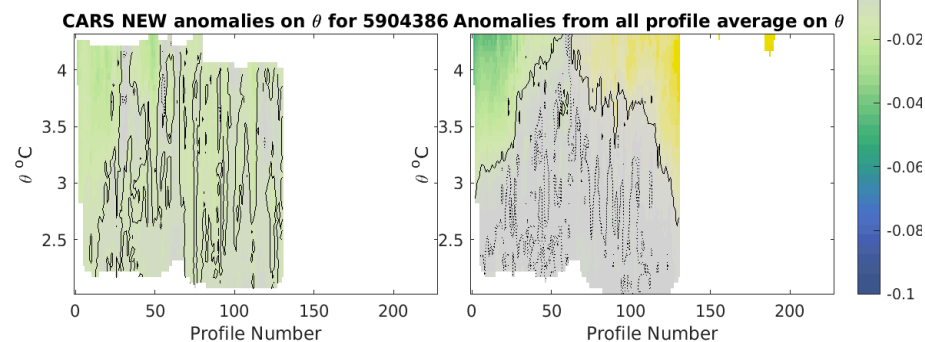
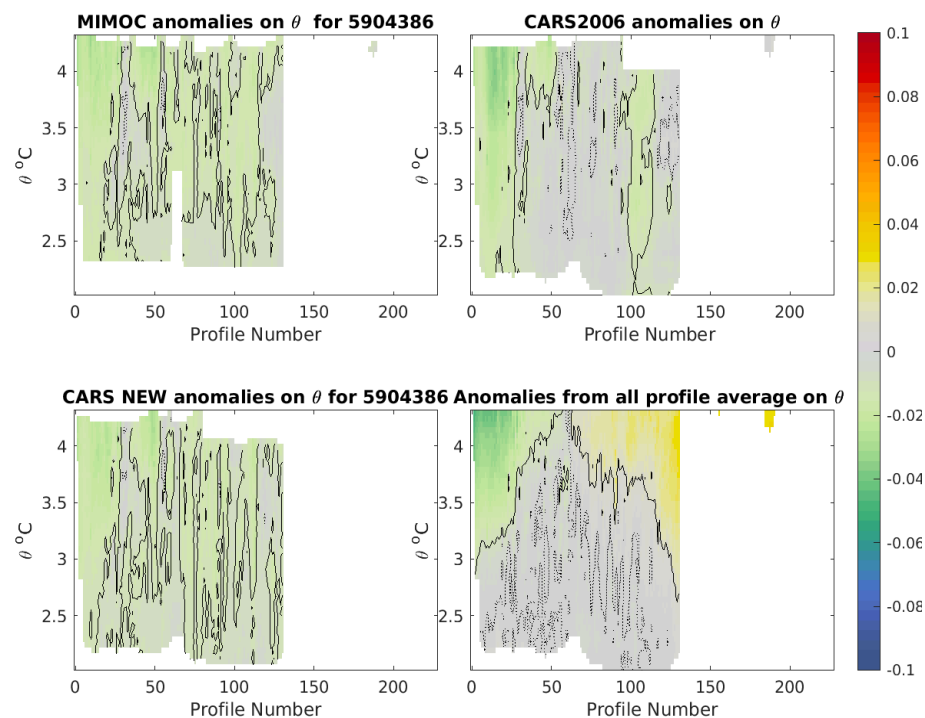
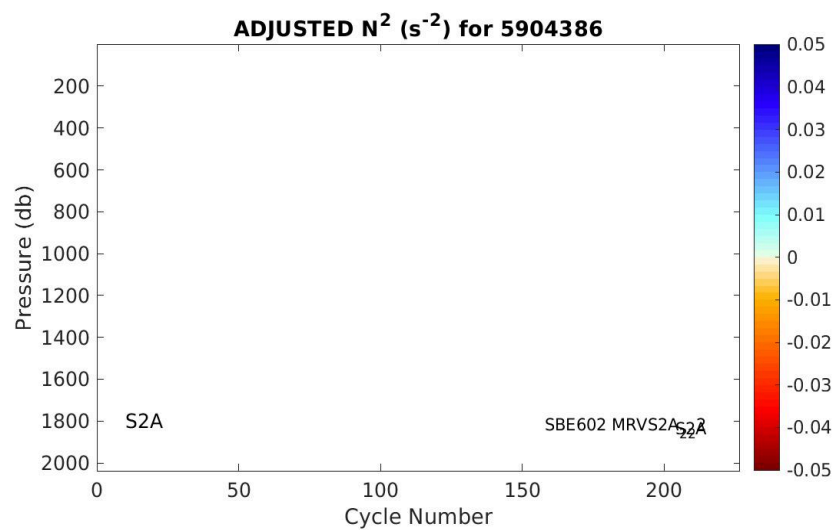
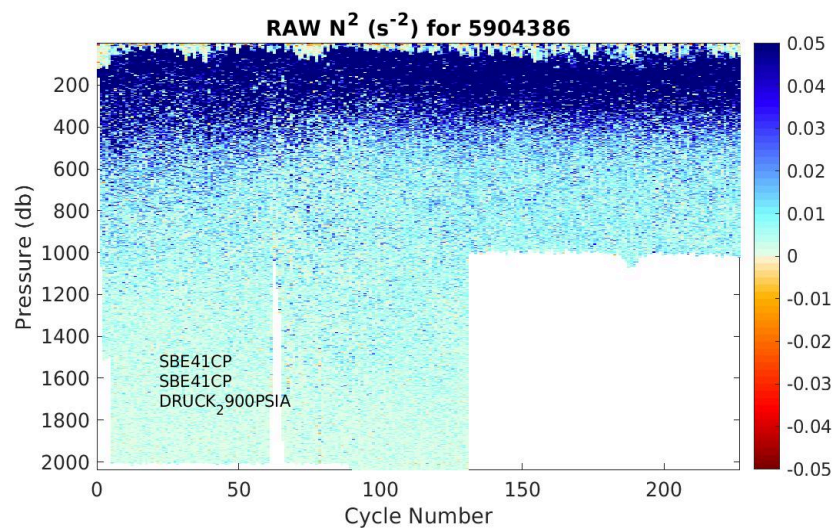


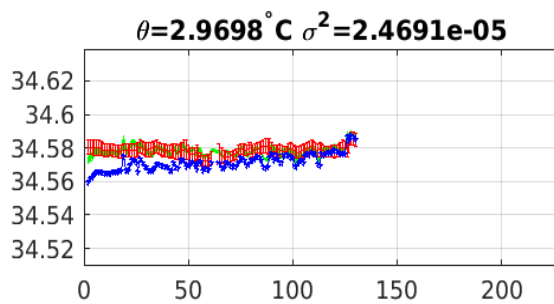
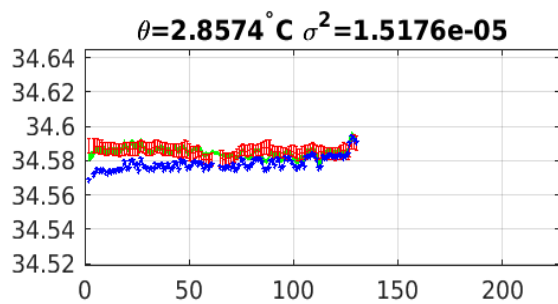
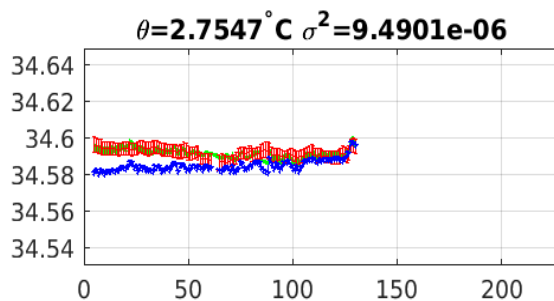
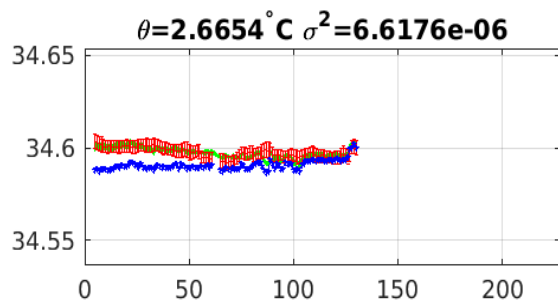
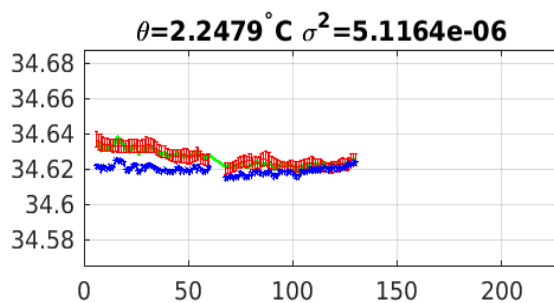
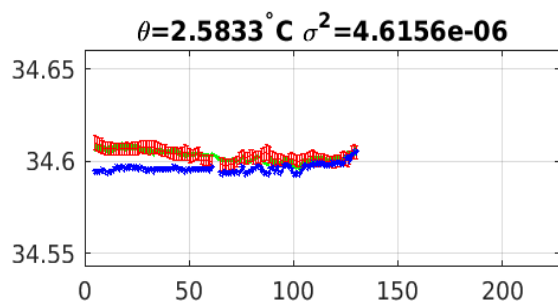
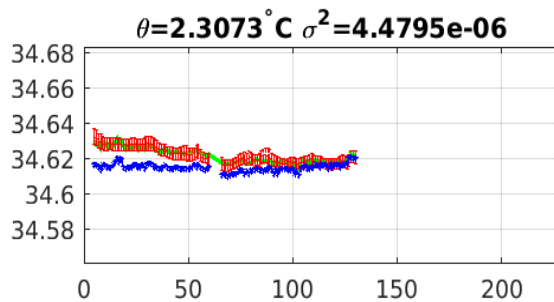
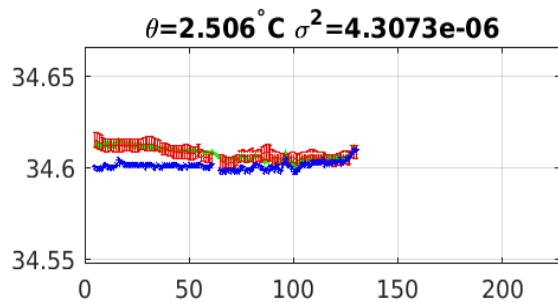
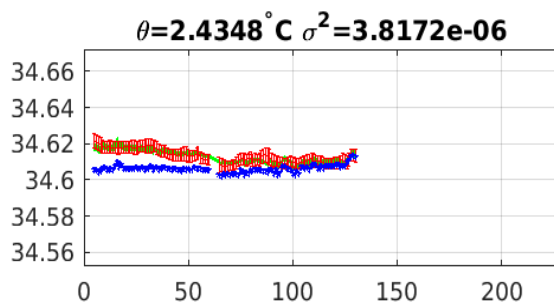
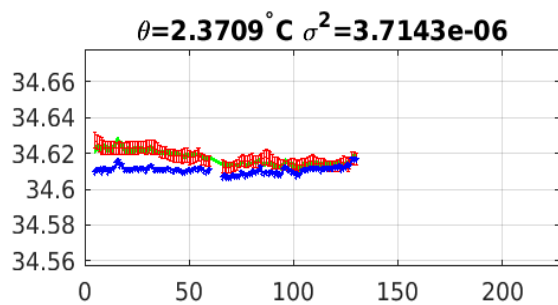
Salinity anom on theta 5904386



Calibrated salinity anom on theta. 5904386







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