



## GDAC Float Anomalies Monitoring

May 2024

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**Coriolis**



## NOTES

### NOVEMBER 2017

§- (From last week of October) New version for the message sent to each DAC operator, information can be found on the vertical sampling scheme (only the beginning of the text), for instance :

DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC,VERTICAL\_SAMPLING\_SCHEME

AO,3901276,8,26/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54124442 ,PSAL,.96,.96,1,4,Primary sampling

AO,5904770,104,26/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54124471 ,PSAL,6.15,1997.6,1,3,n/a

### DECEMBER 2017

§ A bug has been found in the message for the pressure, when a QC is changed this is the index and not the real value that is recorded in the message for START and STOP Immersion. The correction will be applied very soon.

§ New information in chapter 13 Automatic tests : it seems that for the near-surface data, the automatic tests are not taken into account as described in the Argo Quality Control Manual for CTD and Trajectory Data (see §2.5 test 21 & test 22). Strange profiles are also observed and it seems that the cutting between profile and trajectory data is not well applied.

### January 2018

During few days in January, no information was available in the message regarding the parameters and QC then the message was like :

BO,3901951,11,08/01/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54612977 ,,,,,,Primary sampling

The problem has been resolved rapidly.

### May 2018

A little bit more anomalies due to analysis of blacklist sent by CLS.

### July 2018

More anomalies have been listed, due to the 'DM Analysis' checks for the CORA dataset. Consequently old profiles have been detected for corrections and some can be in data mode D. A new approach has also been implemented (Min/Max : method developed by Jérôme Gourrion) and is now running in the Coriolis exploitation for improving the quality control.

### March 2019

A new table has been added with a list of floats showing a suspected drift, observed in the month. (feedback from Delphine Dobler/Coriolis)

### April 2019

Re-organization of the report

### June 2019

Many anomalies were detected following the return of the work done by the CORA team.

### September 2019

Many anomalies were detected after processing new spike test (test performed on DM files, resulting in many anomalies detected on DM profiles).

### October 2019

Many anomalies were detected after processing new spike test (test performed on RT files, resulting in many anomalies detected on RT profiles).

#### November 2019

Many anomalies were detected after processing MinMax method on the retroactive years (till end of 2014).

The list describing the floats has been divided in 2 parts : one for files with data\_mode = 'A' & 'R', an other for data\_mode='D'.

#### February 2020

More information in the first table with failure type, first cycle of smooth or hard failure.

#### March 2020

DM - Take care, some D files have a good correction on adjusted parameter (most of the time QC4 and Fill\_Value) but in real time, QC1 is always kept instead of QC3 or 4. See in Argo Quality Control Manual For CTD and Trajectory Data (Version 3.3) : §3.1. Editing raw qc flags in delayed-mode.

#### April 2020

The first table has been slightly reorganized to highlight the new floats for which drift has been detected. The others are left under the banner "Previous reports" and indicate those still detected by the anomalies (not yet in grey list). At the end, a new category indicates the floats for which the DAC operators do not agree although these floats still appear in the anomalies.

#### October 2020

The first table has been reorganized to move, at the end, the floats that have been present in the table in the previous month and that have been put in grey list.

#### November 2020

The first table has been reorganized to remove from the previous months part, all the profiles which have not been detected in alert for the last 5 months (greylisted by DAC ? dead floats ? no more drift ?).

#### March 2021

Release csv versions of the drift table each month in addition to the one in the pdf report.

#### December 2021

Upgrade program to count anomalies without taking into account corrections on DOXY parameter. First table indicates anomalies for the last 2 months.

#### March 2023

New format version V3.2 for trajectory plots showing format\_version percentage, for trajectory profiles following dead or active float.

#### December 2023

A new version of the minmax field (v4.1) is used since early december. This new reference dataset has been generated by Jérôme Gourrion and Delphine Leroy from POKaPOK and takes into account additional profiles and a vertical extension of the reference fields from 0-2000 dbar to 0-5500 dbar.

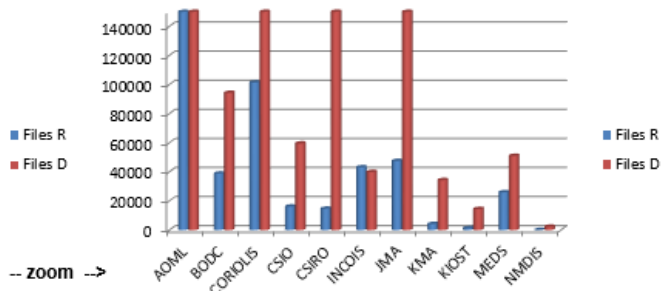
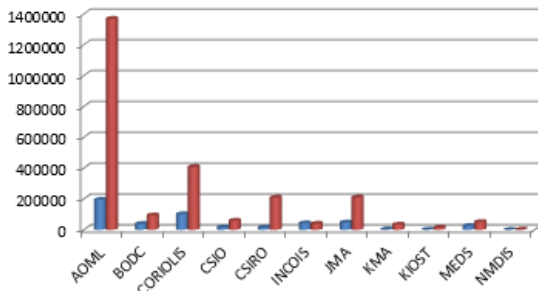
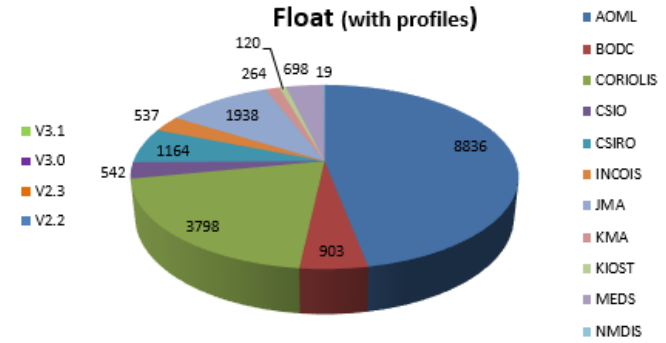
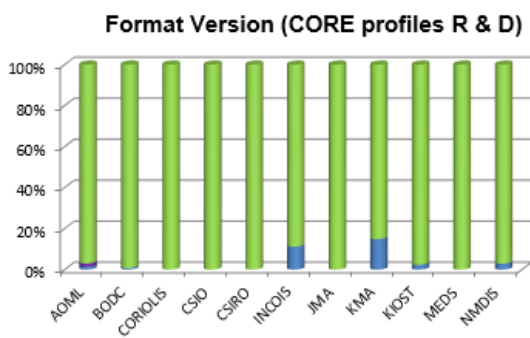
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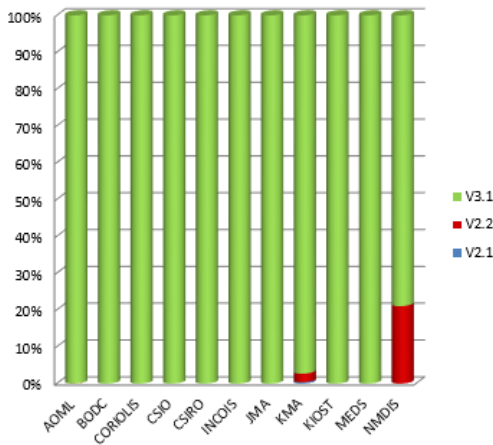
## 2. Statistics on floats and format version (End of May 2024)

Plots showing format\_version percentage, number of floats (with profiles), number of D and R files by DACs.

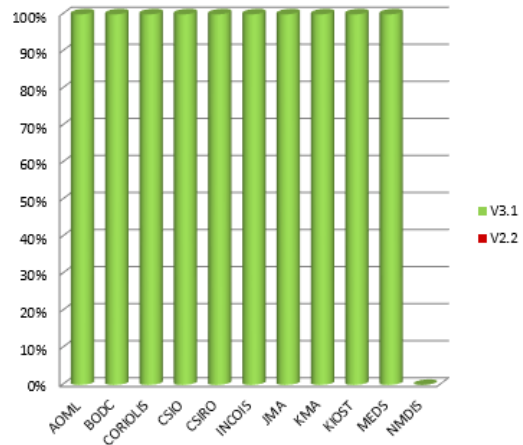


Plots showing format\_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.

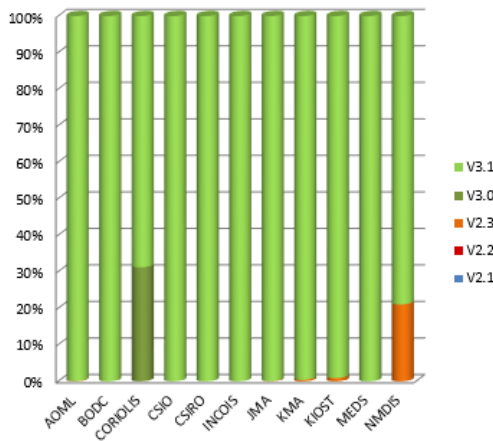
**Metadata Files - Dead floats**



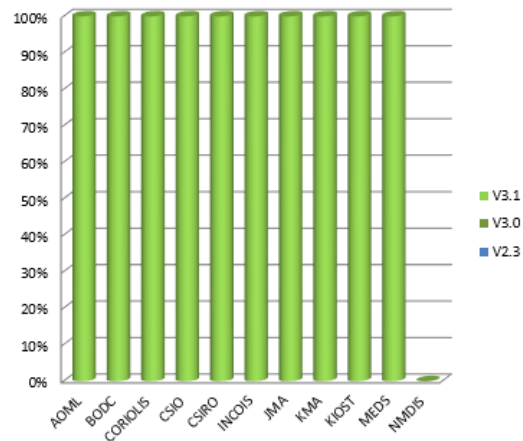
**Metadata Files - Active floats**



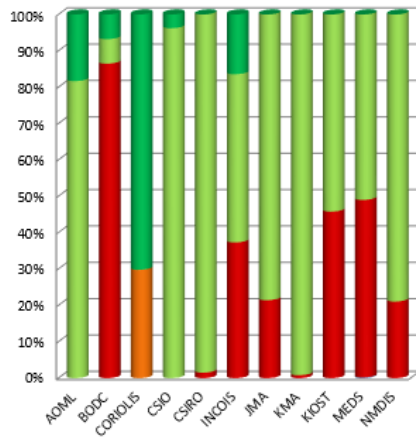
**Technical Files - Dead floats**



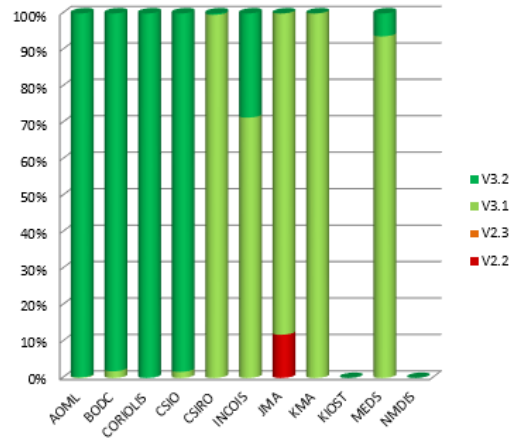
**Technical Files - Active floats**



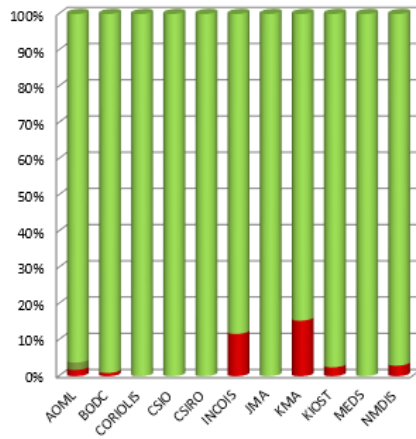
Trajectory Files - Dead floats



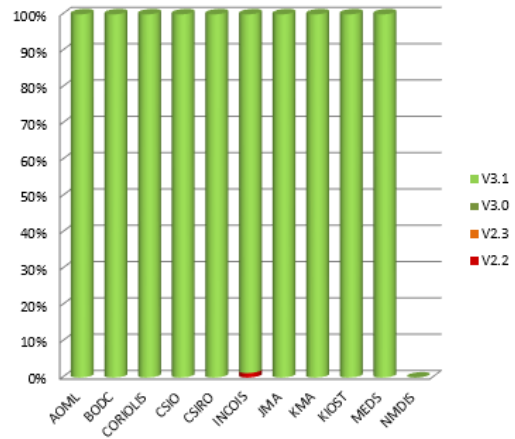
Trajectory Files - Active floats



Profile files - Dead floats

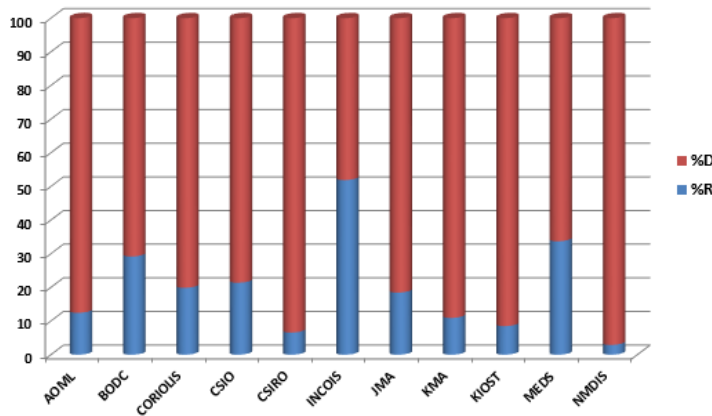


Profile Files - Active floats



Delayed mode percentage by DAC

Percentage of Core DM and RT files by DAC

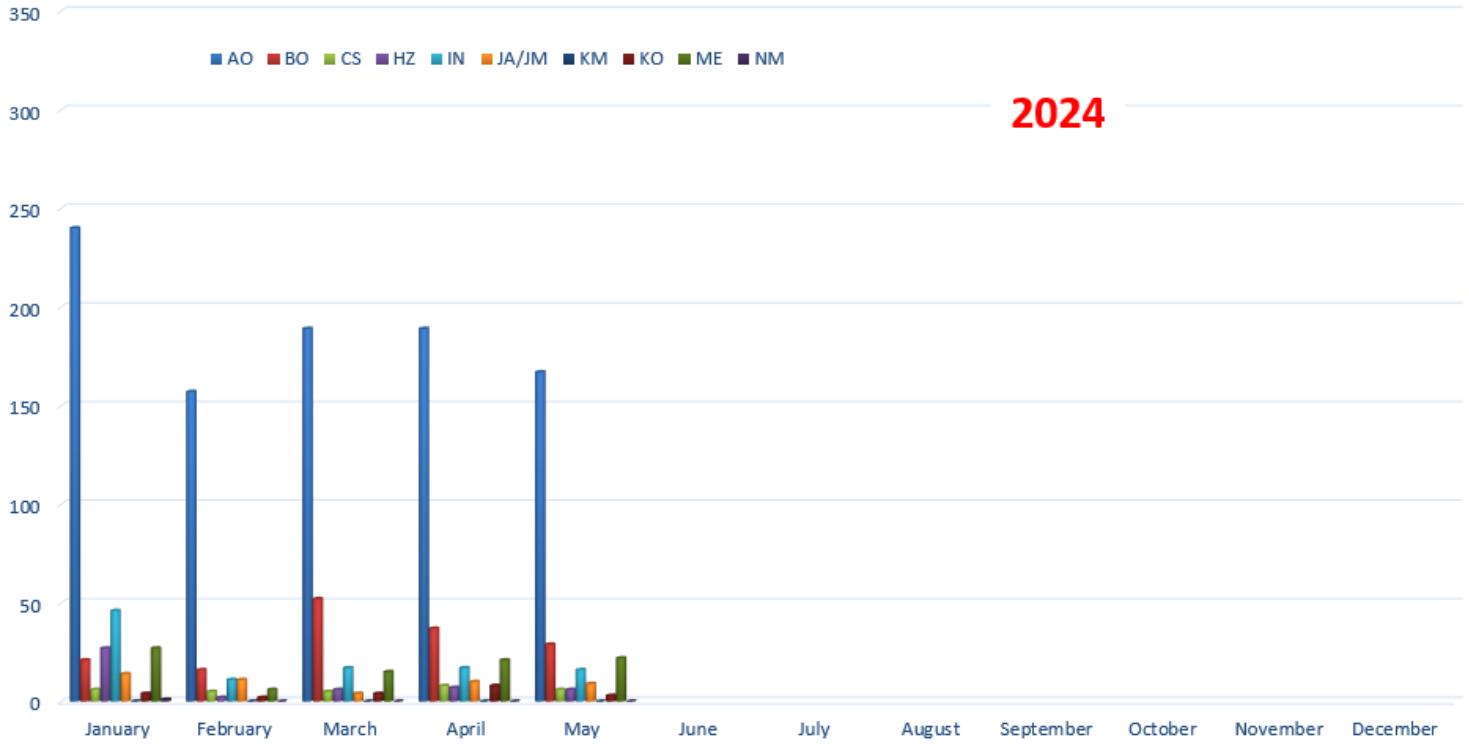


DACS	%R	%D
AOML	12,46	87,54
BODC	29,20	70,80
CORIOLIS	19,91	80,09
CSIO	21,41	78,59
CSIRO	6,60	93,40
INCOIS	51,90	48,10
JMA	18,47	81,53
KMA	10,95	89,05
KIOST	8,50	91,50
MEDS	33,73	66,27
NMDIS	2,93	97,07

### 3. Statistics on Anomalies

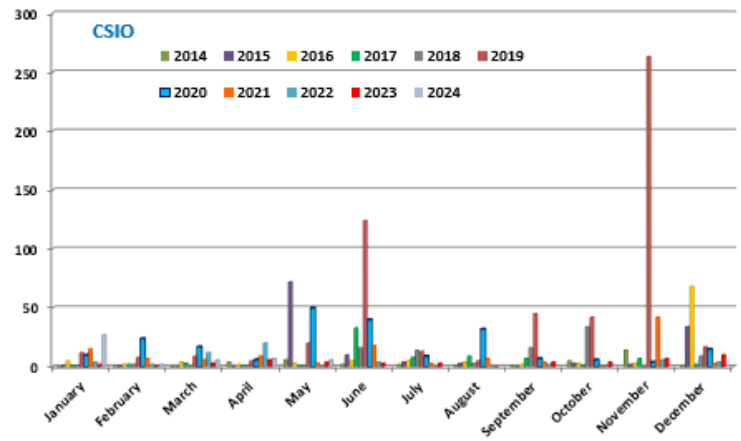
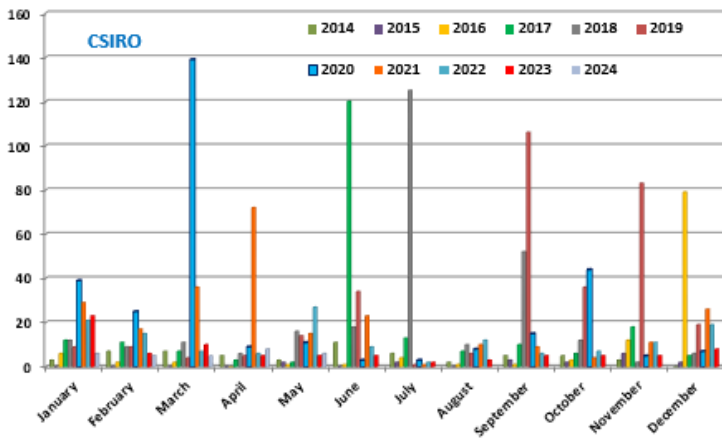
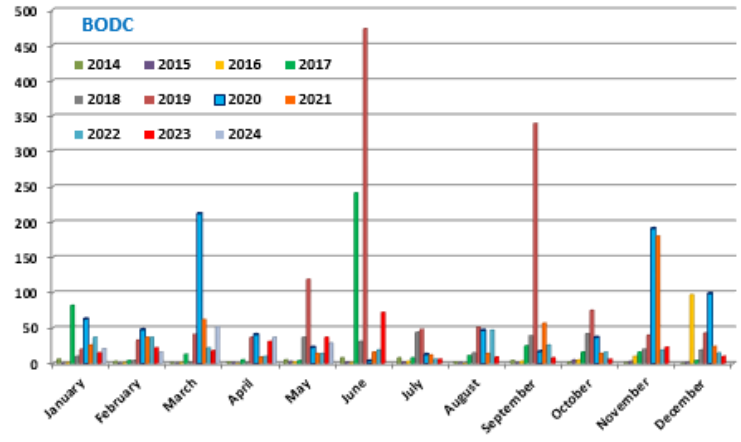
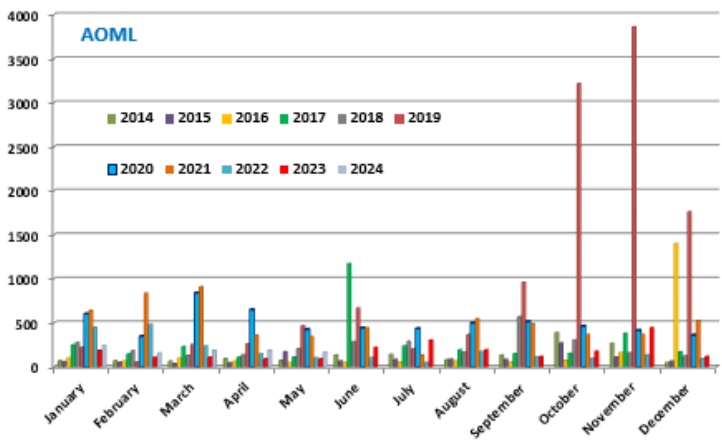
Plots showing evolution of number of anomalies by DAC.

### 3.1. Year

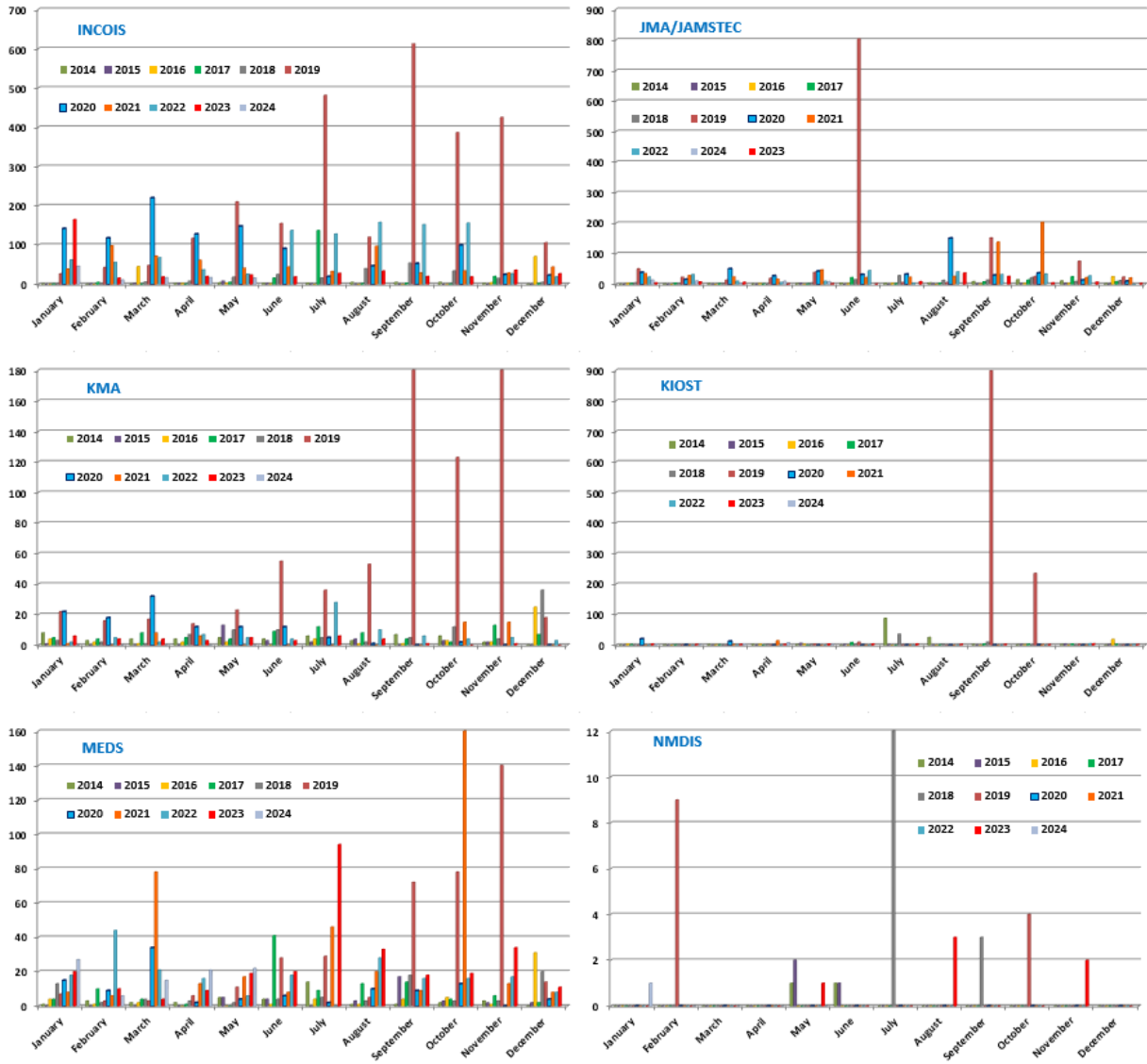


2024

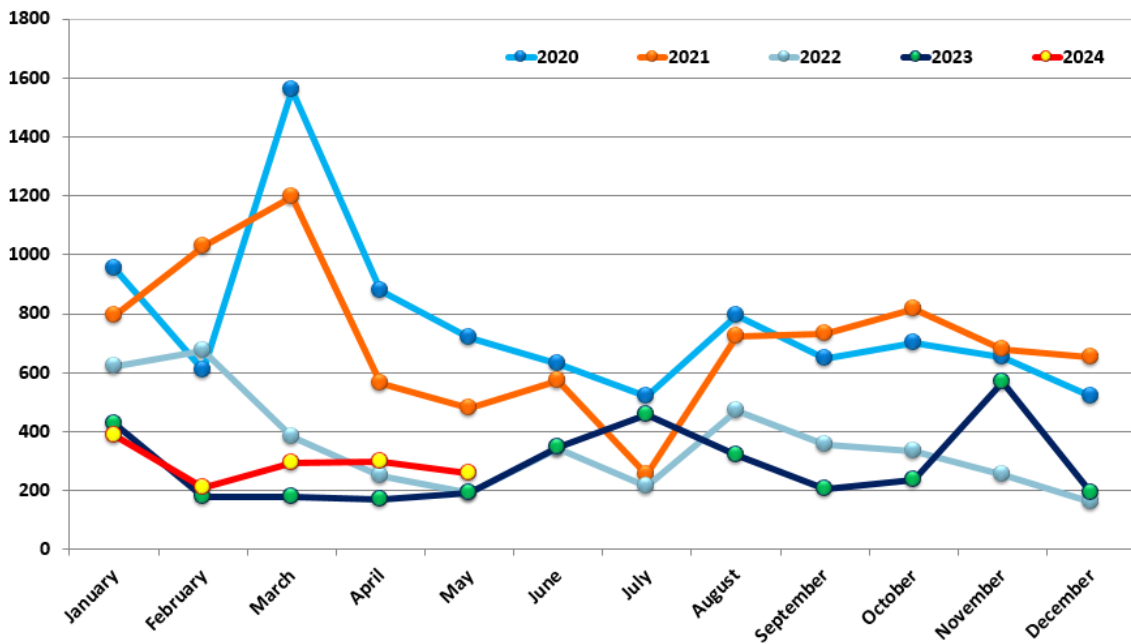
### 3.2. DAC







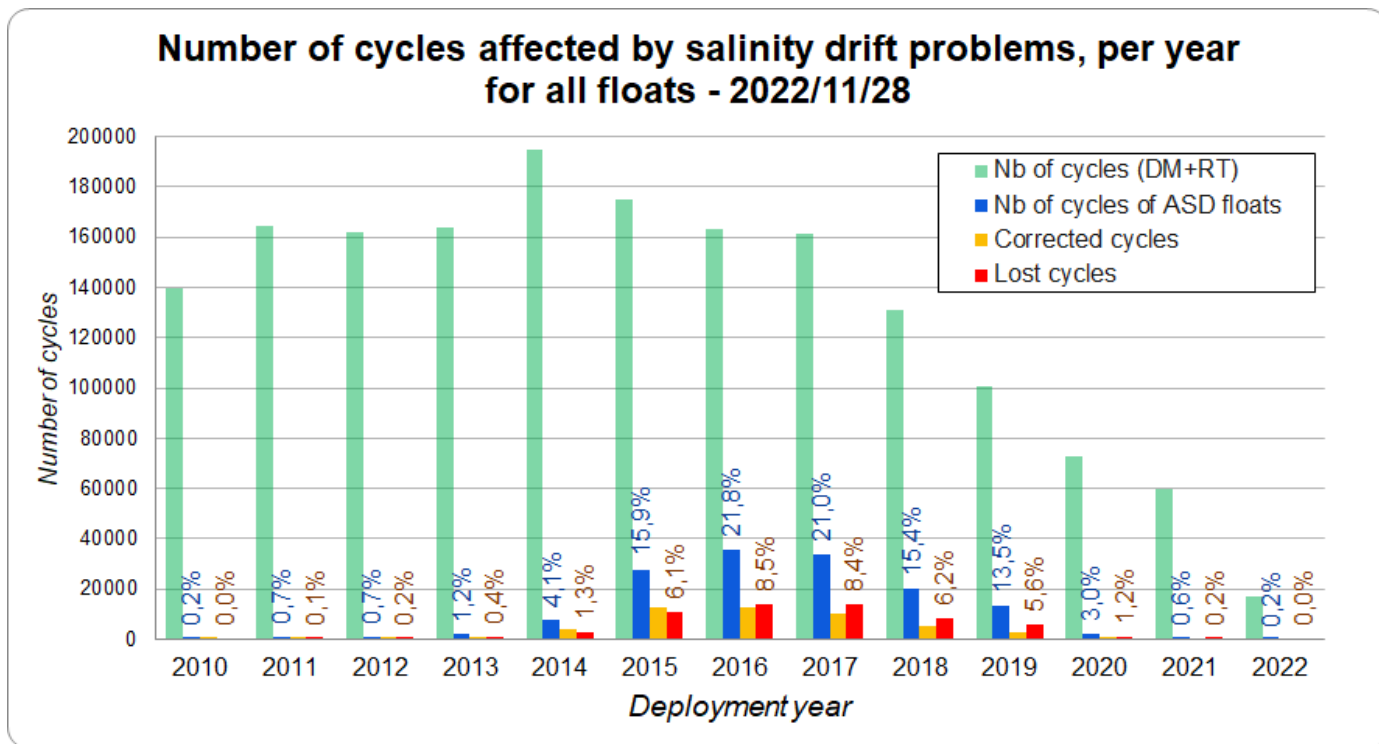
### 3.3. Anomalies by year, by month



#### 4. Fast Salinity Drift from the spreadsheet "Salinity drift assessment and statistics" (11/28/2022)

Please have a look on the plot showing :

- The number of corrected cycles (orange) among the cycles performed by the deployed floats in a given year
- The number of lost cycles (red) among the cycles performed by the deployed floats in a given year
- The other cycles performed by the floats deployed in a given year in green



If you are a DM operator on floats which have fast salinity drift, please fill the spreadsheet :

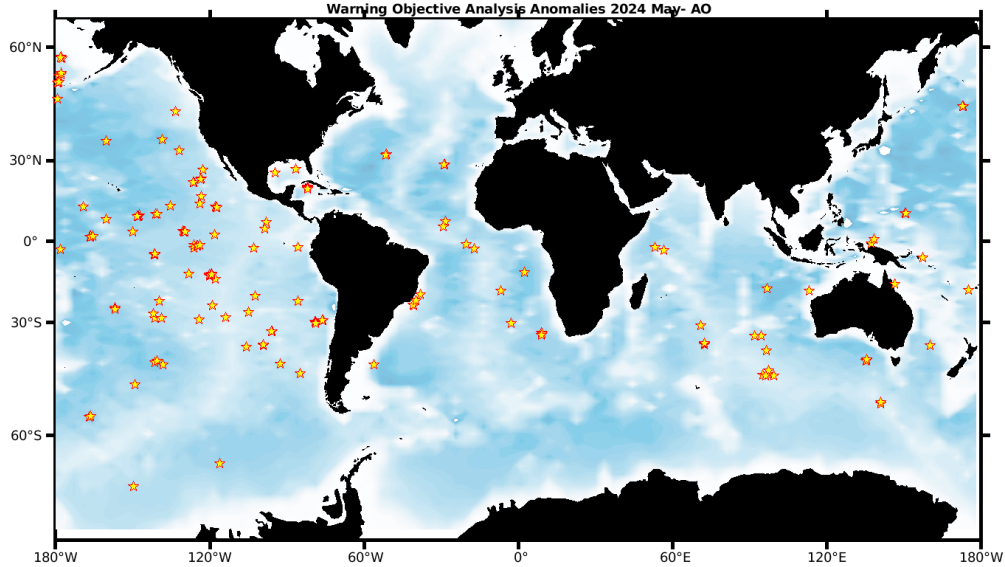
<https://docs.google.com/spreadsheets/d/1TA7SAnTiUvCK7AyGtSTUq3gu9QFbVdONj9M9zAq8CJU/edit?pli=1#gid=0>

## 5. DAC Anomalies

### 5.1. DAC AOML

Profiles detected by the objective analysis: 167 profiles (93 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
46 cycles	113 cycles	8 cycles



**Status of corrections: Done or in progress.**

**DM - Take care that some floats are shown with data mode D but the corrections can have been applied on R files before submission of the delayed mode. (see the csv messages on the ftp site for more information)**

**DM - Take care, some D files have a good correction on adjusted parameter (most of the time QC4 and Fill\_Value) but in real time, QC1 is always kept instead of QC3 or 4**

#### Files data\_mode='R' / 'A'

Float : 1901730 - Cycle : 361 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7202 - Date : 2024 4 18  
Float : 1901730 - Cycle : 362 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7202 - Date : 2024 4 28  
Float : 1902055 - Cycle : 119 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8867 - Date : 2023 10 9  
Float : 1902061 - Cycle : 263 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7395 - Date : 2024 1 22  
Float : 1902061 - Cycle : 273 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7395 - Date : 2024 4 30  
Float : 1902061 - Cycle : 274 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7395 - Date : 2024 5 11  
Float : 1902061 - Cycle : 276 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7395 - Date : 2024 5 31  
Float : 1902073 - Cycle : 314 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7442 - Date : 2023 12 9  
Float : 1902180 - Cycle : 244 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7443 - Date : 2024 5 18  
Float : 1902220 - Cycle : 240 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7461 - Date : 2024 4 28  
Float : 1902221 - Cycle : 189 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7516 - Date : 2024 4 29  
Float : 1902221 - Cycle : 190 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7516 - Date : 2024 5 9  
Float : 1902221 - Cycle : 191 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7516 - Date : 2024 5 19  
Float : 1902264 - Cycle : 137 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8885 - Date : 2024 4 18  
Float : 1902285 - Cycle : 89 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1292 - Date : 2024 5 28  
Float : 1902369 - Cycle : 0 - PI : SARAH PURKEY - Data mode : R - Platform type : SOLO\_BGC\_MRV - WMO inst type : 886 - FLOAT SERIAL : 4011 - Date : 2024 5 9  
Float : 1902408 - Cycle : 88 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7675 - Date : 2024 5 20  
Float : 1902416 - Cycle : 89 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7688 - Date : 2024 5 17  
Float : 1902473 - Cycle : 37 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7809 - Date : 2024 5 9  
Float : 1902512 - Cycle : 6 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7875 - Date : 2024 5 16  
Float : 1902512 - Cycle : 7 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7875 - Date : 2024 5 26  
Float : 1902516 - Cycle : 2 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7522 - Date : 2024 5 13  
Float : 2903864 - Cycle : 5 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9546 - Date : 2024 5 1  
Float : 2903864 - Cycle : 6 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9546 - Date : 2024 5 11  
Float : 2903864 - Cycle : 7 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9546 - Date : 2024 5 22  
Float : 3901276 - Cycle : 246 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8566 - Date : 2024 4 27  
Float : 3901278 - Cycle : 264 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0705 - Date : 2024 4 27  
Float : 3901278 - Cycle : 265 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0705 - Date : 2024 5 7  
Float : 3901278 - Cycle : 266 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0705 - Date : 2024 5 17  
Float : 3901278 - Cycle : 267 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0705 - Date : 2024 5 27  
Float : 3901281 - Cycle : 265 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0709 - Date : 2024 5 7



Float : 5906100 - Cycle : 182 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1014 - Date : 2024 4 26

Float : 5906100 - Cycle : 183 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1014 - Date : 2024 5 6

Float : 5906100 - Cycle : 184 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1014 - Date : 2024 5 16

Float : 5906100 - Cycle : 185 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1014 - Date : 2024 5 26

Float : 5906128 - Cycle : 164 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8845 - Date : 2024 5 21

Float : 5906130 - Cycle : 132 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8847 - Date : 2023 7 12

Float : 5906134 - Cycle : 125 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8806 - Date : 2023 5 5

Float : 5906134 - Cycle : 145 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8806 - Date : 2023 11 19

Float : 5906154 - Cycle : 180 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1018 - Date : 2024 4 27

Float : 5906154 - Cycle : 181 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1018 - Date : 2024 5 7

Float : 5906154 - Cycle : 182 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1018 - Date : 2024 5 17

Float : 5906154 - Cycle : 183 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1018 - Date : 2024 5 27

Float : 5906164 - Cycle : 168 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1133 - Date : 2024 4 30

Float : 5906246 - Cycle : 147 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8825 - Date : 2024 5 4

Float : 5906246 - Cycle : 148 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8825 - Date : 2024 5 14

Float : 5906246 - Cycle : 149 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8825 - Date : 2024 5 24

Float : 5906311 - Cycle : 122 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1205 - Date : 2024 5 10

Float : 5906351 - Cycle : 132 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1199 - Date : 2024 5 22

Float : 5906362 - Cycle : 116 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1244 - Date : 2024 5 13

Float : 5906565 - Cycle : 191 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9488 - Date : 2024 5 26

Float : 5906564 - Cycle : 56 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1366 - Date : 2024 5 21

Float : 5906673 - Cycle : 97 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1299 - Date : 2024 5 15

Float : 5906699 - Cycle : 100 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8938 - Date : 2024 5 1

Float : 5906735 - Cycle : 94 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8975 - Date : 2024 4 19

Float : 5906793 - Cycle : 51 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 3166 - Date : 2024 3 26

Float : 5906793 - Cycle : 57 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 3166 - Date : 2024 5 24

Float : 5906838 - Cycle : 17 - PI : GREGORY C. JOHNSON - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7839 - Date : 2024 5 20

Float : 5906838 - Cycle : 18 - PI : GREGORY C. JOHNSON - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7839 - Date : 2024 5 29

Float : 5906847 - Cycle : 19 - PI : GREGORY C. JOHNSON - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7860 - Date : 2024 4 27

Float : 5906847 - Cycle : 20 - PI : GREGORY C. JOHNSON - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7860 - Date : 2024 5 7

Float : 5906847 - Cycle : 21 - PI : GREGORY C. JOHNSON - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7860 - Date : 2024 5 17

Float : 5906847 - Cycle : 22 - PI : GREGORY C. JOHNSON - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7860 - Date : 2024 5 27

Float : 5906901 - Cycle : 8 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 3163 - Date : 2023 1 8

Float : 5906901 - Cycle : 26 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 3163 - Date : 2023 7 3

Float : 5906901 - Cycle : 55 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 3163 - Date : 2024 4 12

Float : 5906937 - Cycle : 37 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 3209 - Date : 2024 4 24

Float : 7900297 - Cycle : 390 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8357 - Date : 2024 4 20

Float : 7900677 - Cycle : 234 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_D - WMO inst type : 862 - FLOAT SERIAL : 6040 - Date : 2024 4 21

Float : 7900677 - Cycle : 235 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_D - WMO inst type : 862 - FLOAT SERIAL : 6040 - Date : 2024 4 30

Float : 7900687 - Cycle : 194 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8753 - Date : 2024 3 14

Float : 7900812 - Cycle : 52 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 3183 - Date : 2024 5 10

Float : 7900812 - Cycle : 53 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 3183 - Date : 2024 5 20

Float : 7900841 - Cycle : 48 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9225 - Date : 2024 4 12

Float : 7900842 - Cycle : 4 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9226 - Date : 2023 1 18

Float : 7900842 - Cycle : 7 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9226 - Date : 2023 2 18

Float : 7900842 - Cycle : 48 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9226 - Date : 2024 4 14

Float : 7900842 - Cycle : 49 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9226 - Date : 2024 4 25

Float : 7900842 - Cycle : 50 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9226 - Date : 2024 5 5

Float : 7900842 - Cycle : 51 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9226 - Date : 2024 5 15

Float : 7900842 - Cycle : 52 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9226 - Date : 2024 5 26

Float : 7901107 - Cycle : 1 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9784 - Date : 2024 3 17

Float : 7901107 - Cycle : 2 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9784 - Date : 2024 3 27

Float : 7901107 - Cycle : 3 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9784 - Date : 2024 4 7

**Files data mode='D' [in red corrections concern only raw data, all of the adjusted data is qc='4'. These files are pretty old and the old standard was to leave the raw qc values as designated during real time processing and just modify the adjusted flags during DMQC]**

Float : 5904833 - Cycle : 118 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7682 - Date : 2020 1 17

Float : 5905118 - Cycle : 241 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7645 - Date : 2024 4 2

Float : 5905154 - Cycle : 236 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7858 - Date : 2024 4 29

Float : 5906067 - Cycle : 161 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8310 - Date : 2024 5 3

Float : 5906067 - Cycle : 162 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8310 - Date : 2024 5 13

Float : 5906076 - Cycle : 159 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6377 - Date : 2024 5 5

Float : 5906275 - Cycle : 137 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8376 - Date : 2024 5 10

Float : 5906459 - Cycle : 86 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9316 - Date : 2024 5 5

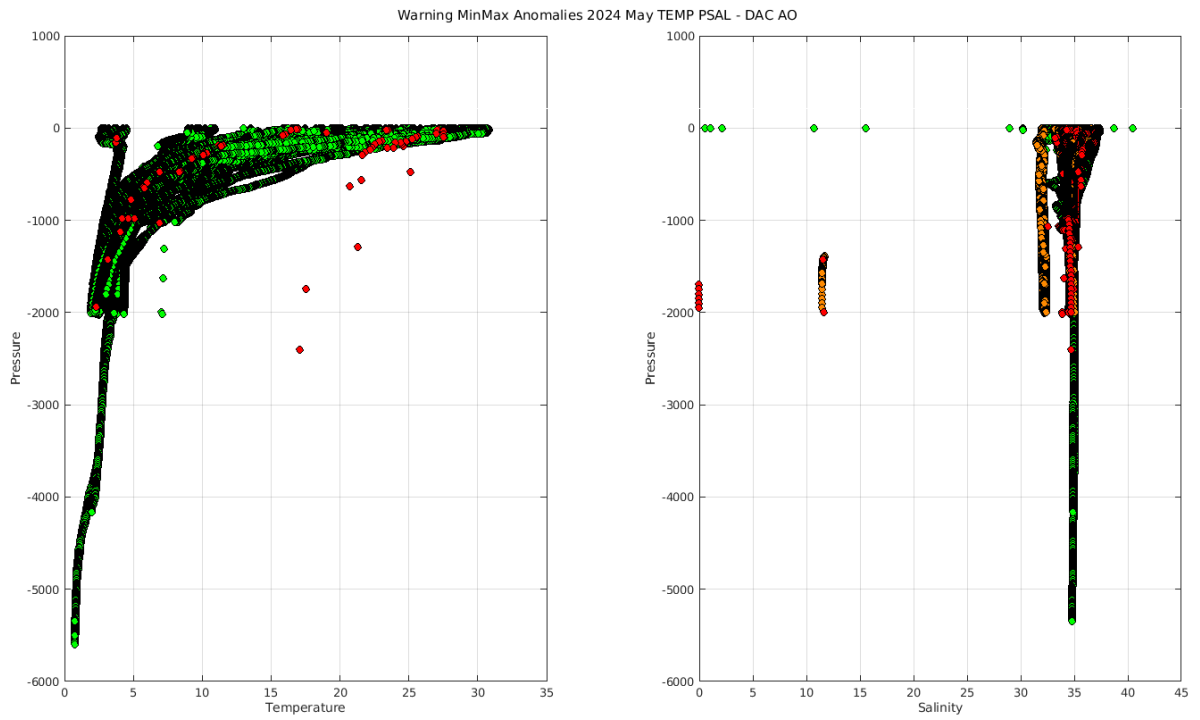
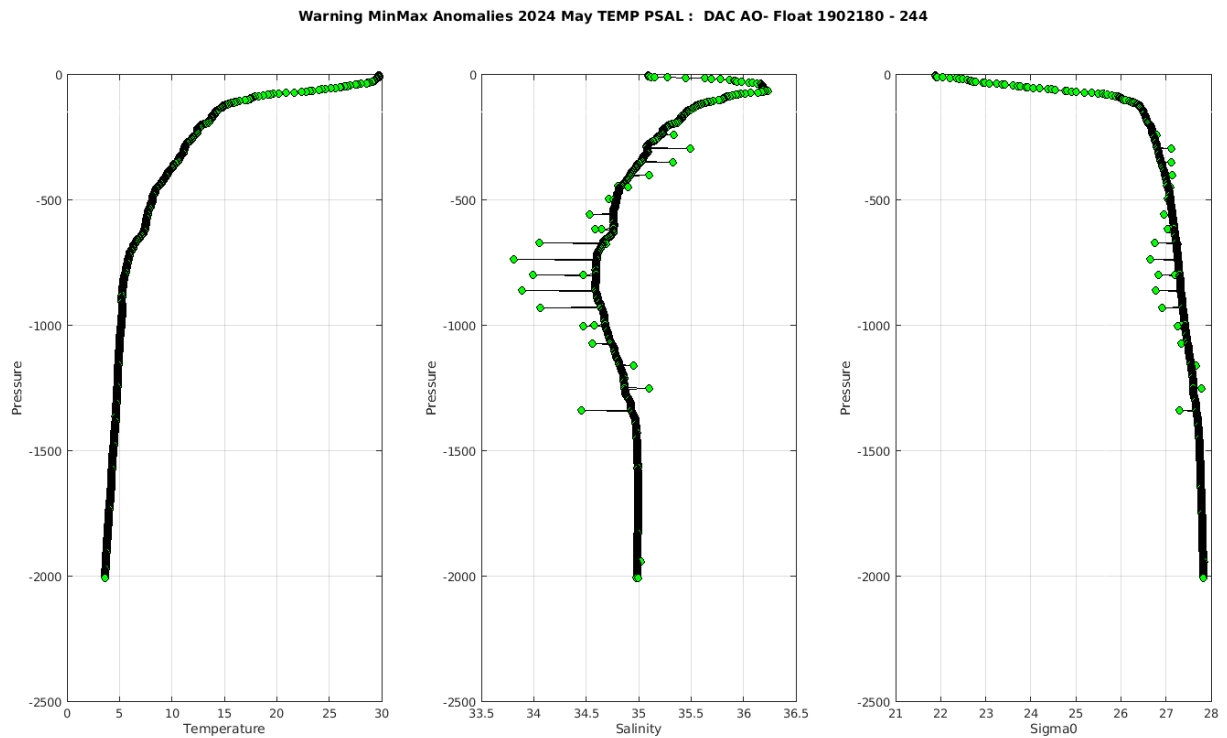
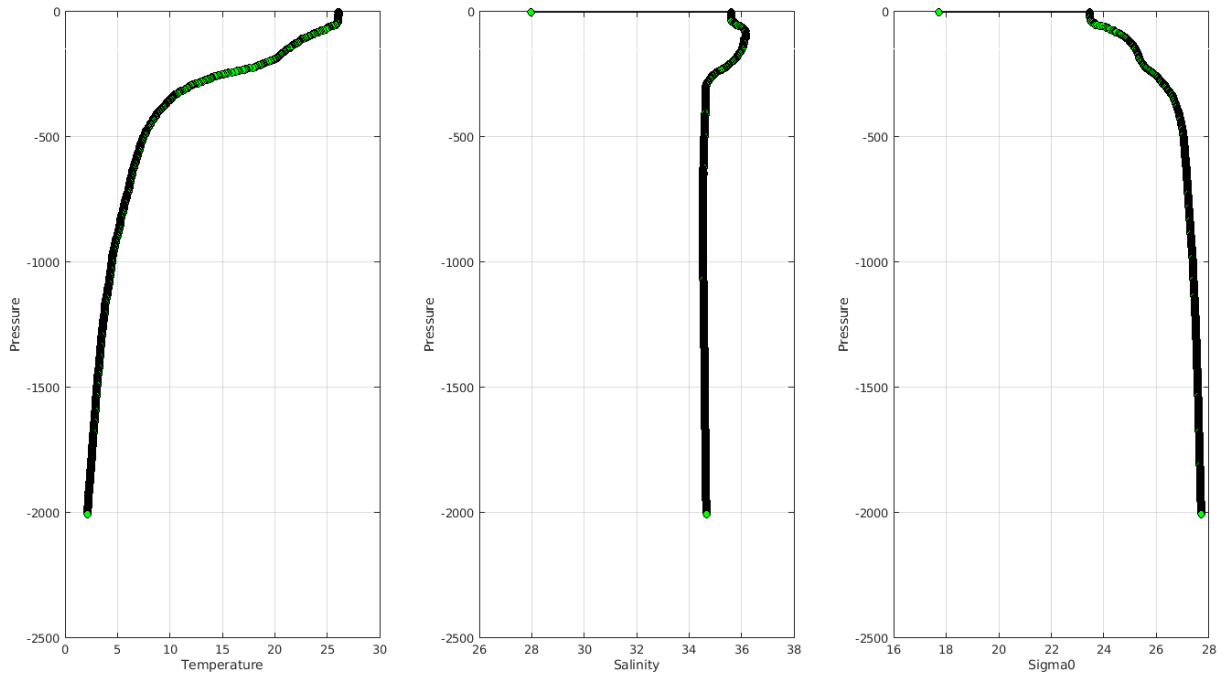


Figure. 100 first profiles.

The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/aoml/>

Example of anomalies:





**Delayed Mode anomalies (adjusted fields) – date mode = ‘D’**

- Error on practical salinity adjusted error :

PI\_name = GREGORY C. JOHNSON - Float 4900812 cycle 9 strange values on PSAL\_ADJUSTED\_ERROR

PSAL\_ADJUSTED\_ERROR =  
 957109.750, 958123.688, 980430.125, 1007920.750, 1010353.875, 1017708.312, 1023617.375, 1025777.875, 1028215.812, 1027735.562, 1027554.250, .....

PI\_name = GREGORY C. JOHNSON - Float 4903172 cycle 7 to cycle 46

For instance cycle 7 PSAL\_ADJUSTED\_ERROR = 1266694.875, 1266783.750, 1266694.625, 1266685.500, 1266678.875, ....

PI\_name = CARL SZCZECHOWSKI - Float 6900376 cycle 44 to cycle 92 – cycle 98 to 128 – cycle 131 to 135

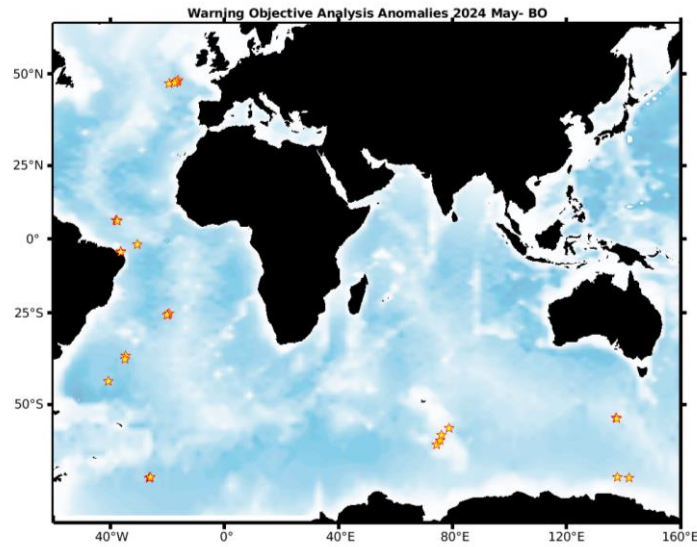
For instance cycle 92 PSAL\_ADJUSTED\_ERROR = 2011706.750, 2010896.625, 2012649.000, 2023217.000,



## 5.2. DAC BODC

Profiles detected by the objective analysis: 29 profiles (12 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
11 cycles	15 cycles	3 cycles



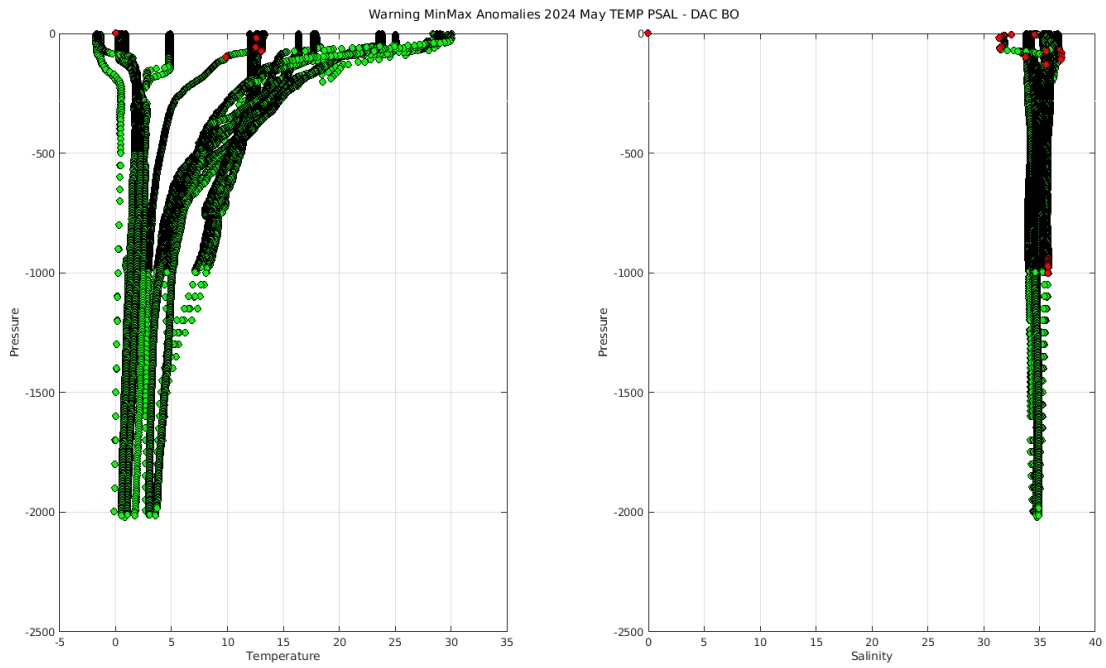
**Status of corrections: Correction in progress, no regular feedback.**

### Files data\_mode='R' / 'A'

Float : 1901906 - Cycle : 196 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8061 - Date : 2024 4 30  
 Float : 1901906 - Cycle : 197 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8061 - Date : 2024 5 10  
 Float : 1901906 - Cycle : 198 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8061 - Date : 2024 5 20  
 Float : 3901537 - Cycle : 241 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8063 - Date : 2024 5 16  
 Float : 3901537 - Cycle : 242 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8063 - Date : 2024 5 26  
 Float : 3901564 - Cycle : 124 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8978 - Date : 2024 5 4  
 Float : 3901564 - Cycle : 125 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8978 - Date : 2024 5 14  
 Float : 3901564 - Cycle : 126 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8978 - Date : 2024 5 24  
 Float : 3901569 - Cycle : 77 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8988 - Date : 2024 4 30  
 Float : 3901916 - Cycle : 299 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR079 - Date : 2024 5 8  
 Float : 3901916 - Cycle : 300 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR079 - Date : 2024 5 19  
 Float : 3901959 - Cycle : 230 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR102 - Date : 2024 4 26  
 Float : 3901959 - Cycle : 231 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR102 - Date : 2024 5 6  
 Float : 3901959 - Cycle : 232 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR102 - Date : 2024 5 16  
 Float : 3901959 - Cycle : 233 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR102 - Date : 2024 5 27  
 Float : 3901960 - Cycle : 232 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR103 - Date : 2024 5 15  
 Float : 3901960 - Cycle : 233 - PI : Romain CANCOUET - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR103 - Date : 2024 5 25  
 Float : 3901967 - Cycle : 220 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR110 - Date : 2024 4 30  
 Float : 3901967 - Cycle : 221 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR110 - Date : 2024 5 11  
 Float : 3901967 - Cycle : 222 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR110 - Date : 2024 5 20  
 Float : 4903670 - Cycle : 32 - PI : Jon Turton - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1242 - Date : 2024 2 25  
 Float : 4903670 - Cycle : 33 - PI : Jon Turton - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1242 - Date : 2024 3 5  
 Float : 4903670 - Cycle : 34 - PI : Jon Turton - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1242 - Date : 2024 3 15  
 Float : 4903670 - Cycle : 41 - PI : Jon Turton - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1242 - Date : 2024 5 20  
 Float : 5907048 - Cycle : 39 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 10069 - Date : 2024 5 15  
 Float : 6901931 - Cycle : 161 - PI : Diarmuid O'Conchubhair - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-17EU03 - Date : 2024 5 6  
 Float : 6901931 - Cycle : 162 - PI : Diarmuid O'Conchubhair - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-17EU03 - Date : 2024 5 16  
 Float : 6901931 - Cycle : 163 - PI : Diarmuid O'Conchubhair - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-17EU03 - Date : 2024 5 26  
 Float : 6904189 - Cycle : 85 - PI : Nathan Briggs - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P44043-21UK008 - Date : 2024 4 28

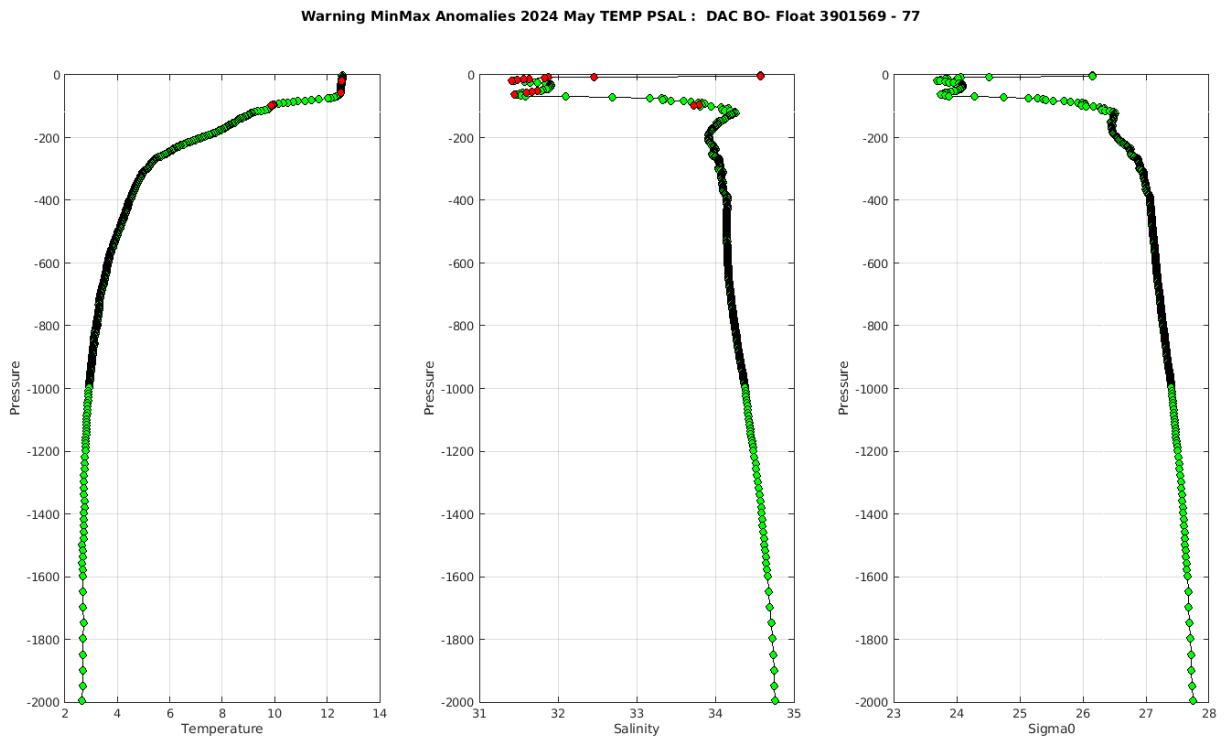
### Files data\_mode='D'

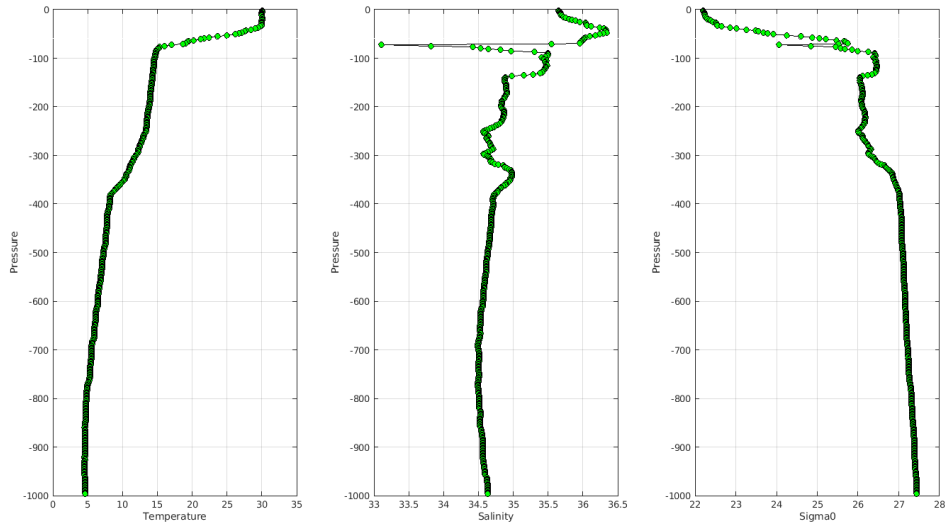




The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/bodc/>

Example of anomalies:





**Delayed Mode anomalies (adjusted fields) – date mode = 'D'**

- Mix between RT and DM files : Float 6901129 with strange PRES values (cycle 209 for instance)

```

D6901129_219.nc      PRES =
D6901129_225.nc      823.8,      nan,      nan,      nan,      nan,      nan,      nan,      nan,
D6901129_226.nc      nan,      nan,      nan,      nan,      nan,      nan,      nan,      nan,
R6901129_209.nc      nan,      nan,      nan,      nan,      nan,      nan,      nan,      nan,
R6901129_210.nc      nan,      nan,      nan,      nan,      nan,      nan,      nan,      nan,
R6901129_211.nc      nan,      nan,      nan,      nan,      nan,      nan,      nan,      nan,
R6901129_220.nc      nan,      nan,      nan,      nan,      nan,      nan,      nan,      nan,
R6901129_221.nc      nan,      nan,      nan,      nan,      nan,      nan,      nan,      nan,
R6901129_222.nc      nan,      nan,      nan,      nan,      nan,      nan,      nan,      nan,
R6901129_223.nc      nan,      nan,      nan,      nan,      nan,      nan,      nan,      nan,
R6901129_224.nc      nan,      nan,      nan,      nan,      nan,      nan,      nan,      nan,
    
```

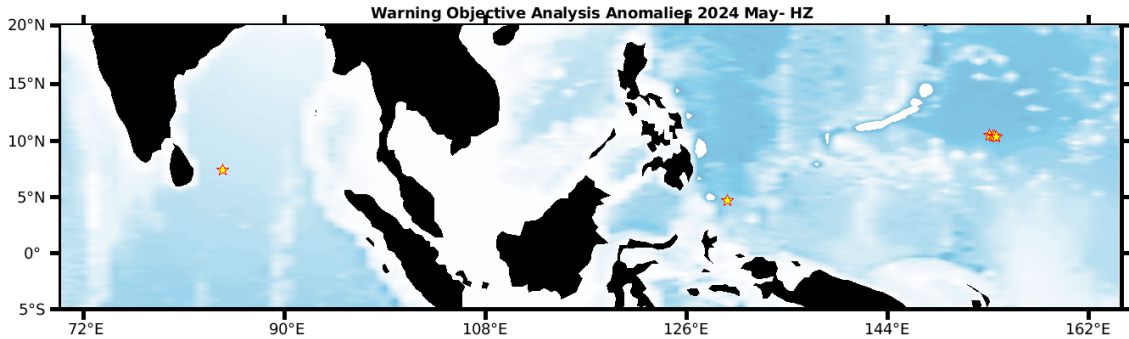
- Mix between RT and DM files: Float 6901181 ex below DM files till cycle 367 but a lot of old cycle in RT (1D, 2D, 3, 3D, 4, ....)

<a href="#">D6901181_352.nc</a>	16-Aug-2023 15:38 442K	<a href="#">R6901181_012.nc</a>	11-Aug-2023 00:33 160K
<a href="#">D6901181_353.nc</a>	16-Aug-2023 15:38 464K	<a href="#">R6901181_012D.nc</a>	11-Aug-2023 00:33 203K
<a href="#">D6901181_354.nc</a>	16-Aug-2023 15:38 466K	<a href="#">R6901181_013D.nc</a>	11-Aug-2023 00:33 188K
<a href="#">D6901181_355.nc</a>	16-Aug-2023 15:38 506K	<a href="#">R6901181_014.nc</a>	11-Aug-2023 00:33 138K
<a href="#">D6901181_356.nc</a>	16-Aug-2023 15:38 434K	<a href="#">R6901181_014D.nc</a>	11-Aug-2023 00:33 224K
<a href="#">D6901181_357.nc</a>	16-Aug-2023 15:38 433K	<a href="#">R6901181_015D.nc</a>	11-Aug-2023 00:33 185K
<a href="#">D6901181_358.nc</a>	16-Aug-2023 15:38 444K	<a href="#">R6901181_016.nc</a>	11-Aug-2023 00:33 131K
<a href="#">D6901181_359.nc</a>	16-Aug-2023 15:38 552K	<a href="#">R6901181_016D.nc</a>	11-Aug-2023 00:33 282K
<a href="#">D6901181_360.nc</a>	16-Aug-2023 15:38 473K	<a href="#">R6901181_017D.nc</a>	11-Aug-2023 00:33 131K
<a href="#">D6901181_361.nc</a>	16-Aug-2023 15:38 459K	<a href="#">R6901181_018.nc</a>	11-Aug-2023 00:33 162K
<a href="#">D6901181_362.nc</a>	16-Aug-2023 15:38 455K	<a href="#">R6901181_018D.nc</a>	11-Aug-2023 00:33 272K
<a href="#">D6901181_363.nc</a>	16-Aug-2023 15:38 471K	<a href="#">R6901181_019D.nc</a>	11-Aug-2023 00:33 131K
<a href="#">D6901181_364.nc</a>	16-Aug-2023 15:38 419K	<a href="#">R6901181_020.nc</a>	11-Aug-2023 00:33 144K
<a href="#">D6901181_365.nc</a>	16-Aug-2023 15:38 468K	<a href="#">R6901181_020D.nc</a>	11-Aug-2023 00:33 270K
<a href="#">D6901181_366.nc</a>	16-Aug-2023 15:38 420K	<a href="#">R6901181_021D.nc</a>	11-Aug-2023 00:33 183K
<a href="#">D6901181_367.nc</a>	16-Aug-2023 15:38 438K	<a href="#">R6901181_022.nc</a>	11-Aug-2023 00:33 117K
<a href="#">R6901181_001D.nc</a>	11-Aug-2023 00:32 51K	<a href="#">R6901181_022D.nc</a>	11-Aug-2023 00:33 274K
<a href="#">R6901181_002D.nc</a>	11-Aug-2023 00:32 172K	<a href="#">R6901181_023D.nc</a>	11-Aug-2023 00:33 183K
<a href="#">R6901181_003.nc</a>	11-Aug-2023 00:32 161K	<a href="#">R6901181_024.nc</a>	11-Aug-2023 00:34 163K
<a href="#">R6901181_003D.nc</a>	11-Aug-2023 00:32 131K	<a href="#">R6901181_024D.nc</a>	11-Aug-2023 00:34 226K
<a href="#">R6901181_004.nc</a>	11-Aug-2023 00:32 155K	<a href="#">R6901181_025.nc</a>	11-Aug-2023 00:34 160K
<a href="#">R6901181_004D.nc</a>	11-Aug-2023 00:32 178K	<a href="#">R6901181_025D.nc</a>	11-Aug-2023 00:34 130K
<a href="#">R6901181_005D.nc</a>	11-Aug-2023 00:32 175K	<a href="#">R6901181_026D.nc</a>	11-Aug-2023 00:34 131K
<a href="#">R6901181_006D.nc</a>	11-Aug-2023 00:32 485K	<a href="#">R6901181_027D.nc</a>	11-Aug-2023 00:34 271K
<a href="#">R6901181_007D.nc</a>	11-Aug-2023 00:32 343K	<a href="#">R6901181_028D.nc</a>	11-Aug-2023 00:34 299K
<a href="#">R6901181_008.nc</a>	11-Aug-2023 00:33 152K	<a href="#">R6901181_029D.nc</a>	11-Aug-2023 00:34 147K
<a href="#">R6901181_008D.nc</a>	11-Aug-2023 00:33 222K	<a href="#">R6901181_030.nc</a>	11-Aug-2023 00:34 104K
<a href="#">R6901181_009D.nc</a>	11-Aug-2023 00:33 171K	<a href="#">R6901181_030D.nc</a>	11-Aug-2023 00:34 338K
<a href="#">R6901181_010.nc</a>	11-Aug-2023 00:33 143K	<a href="#">R6901181_031.nc</a>	11-Aug-2023 00:34 173K
<a href="#">R6901181_010D.nc</a>	11-Aug-2023 00:33 589K	<a href="#">R6901181_031D.nc</a>	11-Aug-2023 00:34 129K
<a href="#">R6901181_011.nc</a>	11-Aug-2023 00:33 167K	<a href="#">R6901181_032D.nc</a>	11-Aug-2023 00:34 228K
<a href="#">R6901181_011D.nc</a>	11-Aug-2023 00:33 163K	<a href="#">R6901181_033.nc</a>	11-Aug-2023 00:34 161K
<a href="#">R6901181_012.nc</a>	11-Aug-2023 00:33 160K	<a href="#">R6901181_033D.nc</a>	11-Aug-2023 00:34 164K
<a href="#">R6901181_012D.nc</a>	11-Aug-2023 00:33 203K		....

### 5.3. DAC CSIO

Profiles detected by the objective analysis: 6 profiles (3 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	6 cycles	0 cycle

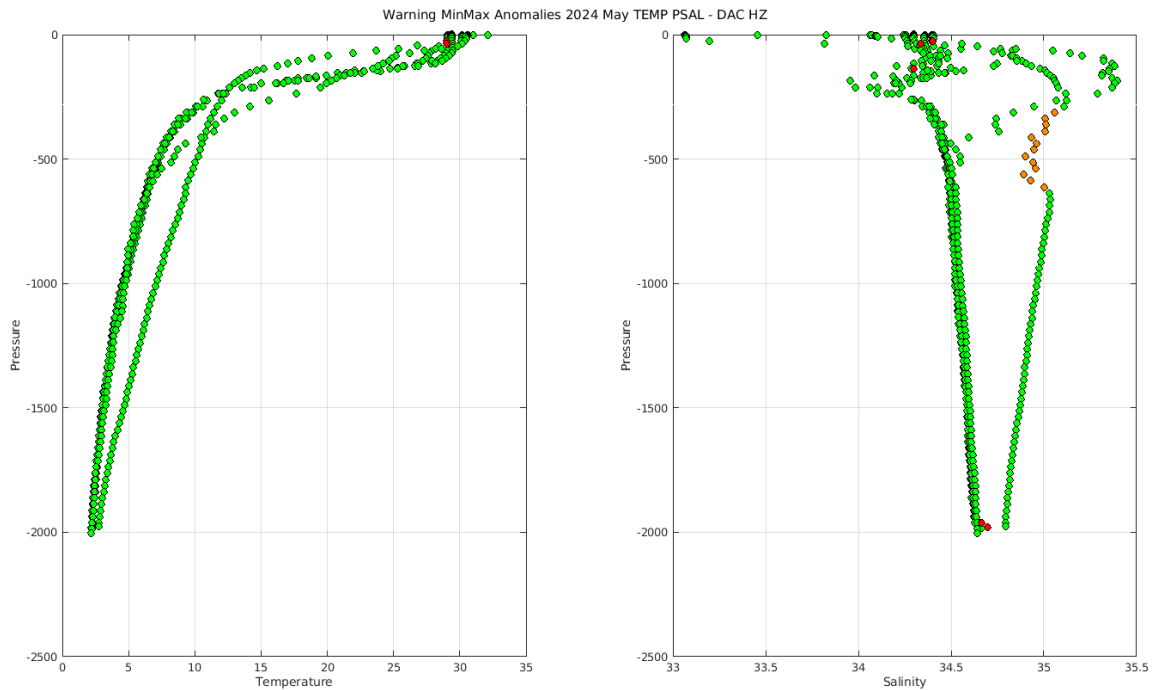


**Status of corrections:** *No regular feedback, corrections seem done.*

**Files data\_mode='R' / 'A'**

- Float : 2902775 - Cycle : 198 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-19CH026 - Date : 2024 5 23
- Float : 2902803 - Cycle : 170 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH021 - Date : 2024 4 29
- Float : 2902803 - Cycle : 171 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH021 - Date : 2024 5 6
- Float : 2902803 - Cycle : 172 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH021 - Date : 2024 5 13
- Float : 2902803 - Cycle : 173 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH021 - Date : 2024 5 20
- Float : 2902819 - Cycle : 176 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH028 - Date : 2024 5 17

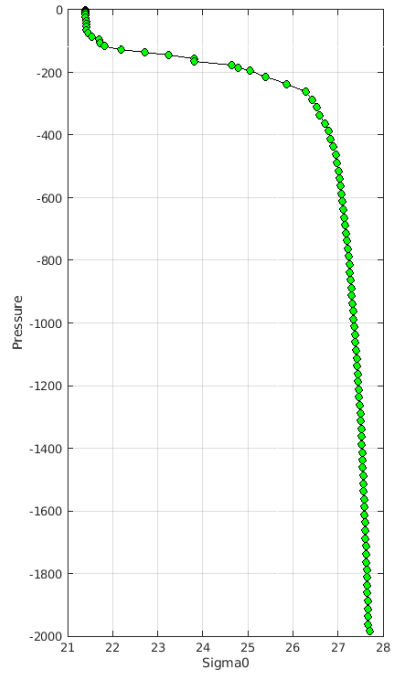
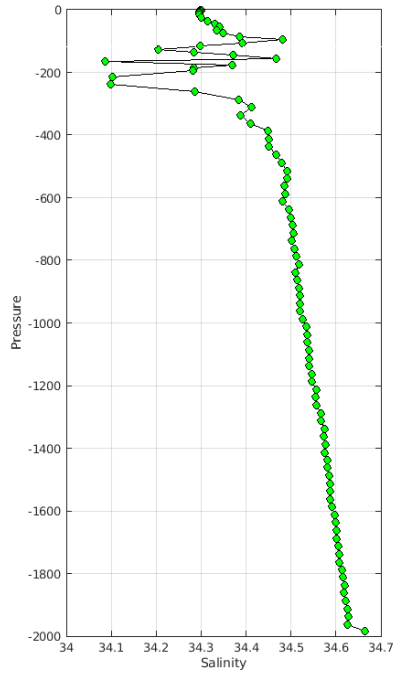
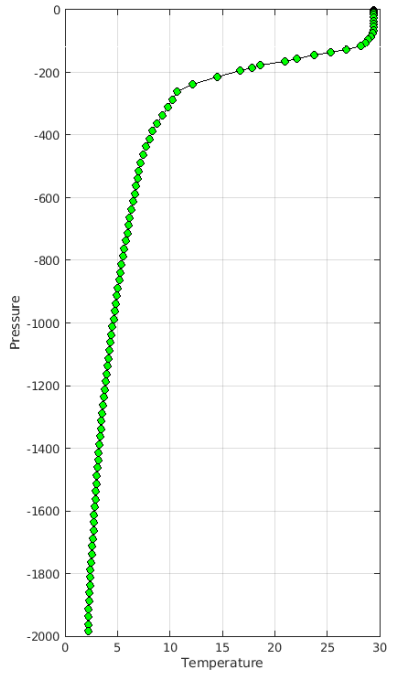
**Files data\_mode='D'**



The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/csio/>

Example of anomalies:

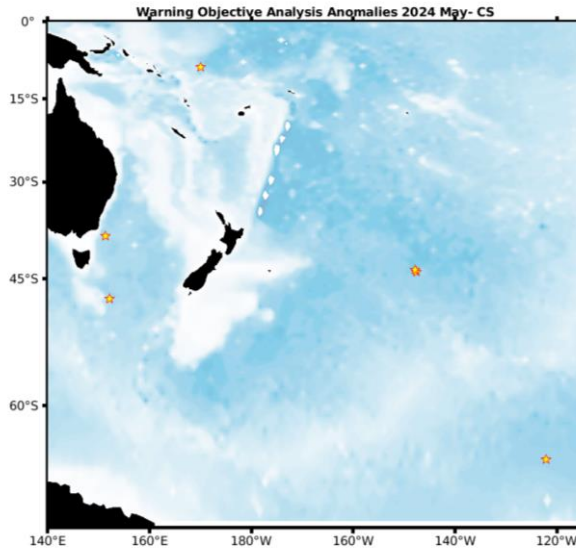
Warning MinMax Anomalies 2024 May TEMP PSAL : DAC HZ- Float 2902803 - 173



5.4. DAC CSIRO

Profiles detected by the objective analysis: 6 profiles (3 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	5 cycles	1 cycle

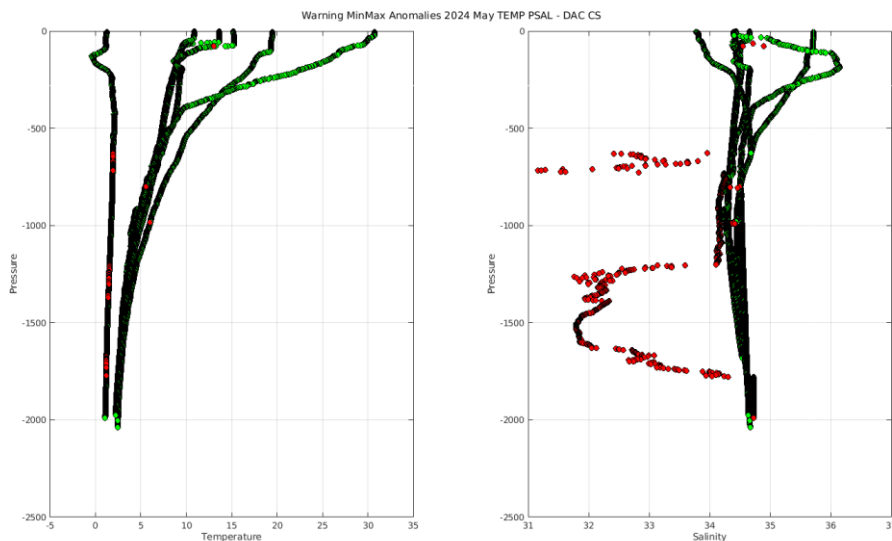


**Status of corrections:** Corrections done or in progress, regular feedback.

Files data\_mode='R' / 'A'

- Float : 5905528 - Cycle : 16 - PI : Peter Oke - Data mode : D - Platform type : ALTO - WMO inst type : 875 - FLOAT SERIAL : 11504 - Date : 2023 5 3
- Float : 5905528 - Cycle : 52 - PI : Peter Oke - Data mode : A - Platform type : ALTO - WMO inst type : 875 - FLOAT SERIAL : 11504 - Date : 2024 4 29
- Float : 5905558 - Cycle : 8 - PI : Peter Oke - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-23AU104 - Date : 2024 4 30
- Float : 5906637 - Cycle : 110 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1226 - Date : 2024 5 5
- Float : 5906657 - Cycle : 90 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1232 - Date : 2024 5 1
- Float : 7900648 - Cycle : 151 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8433 - Date : 2024 2 19

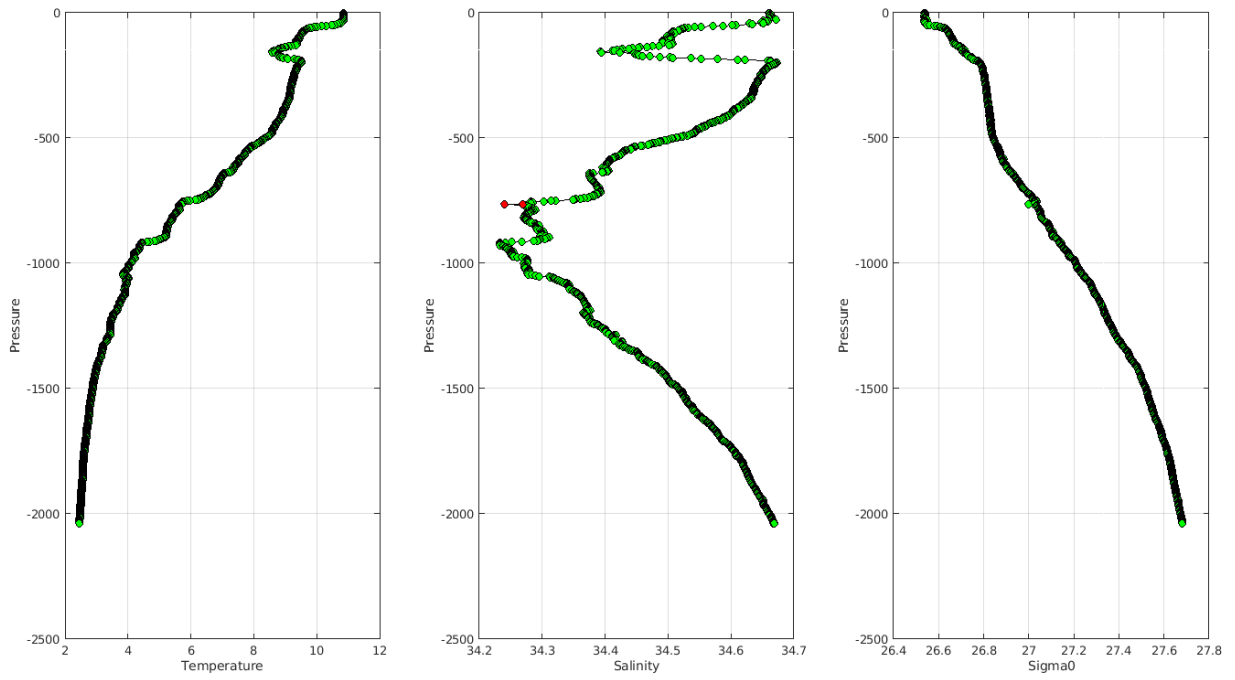
Files data\_mode='D'



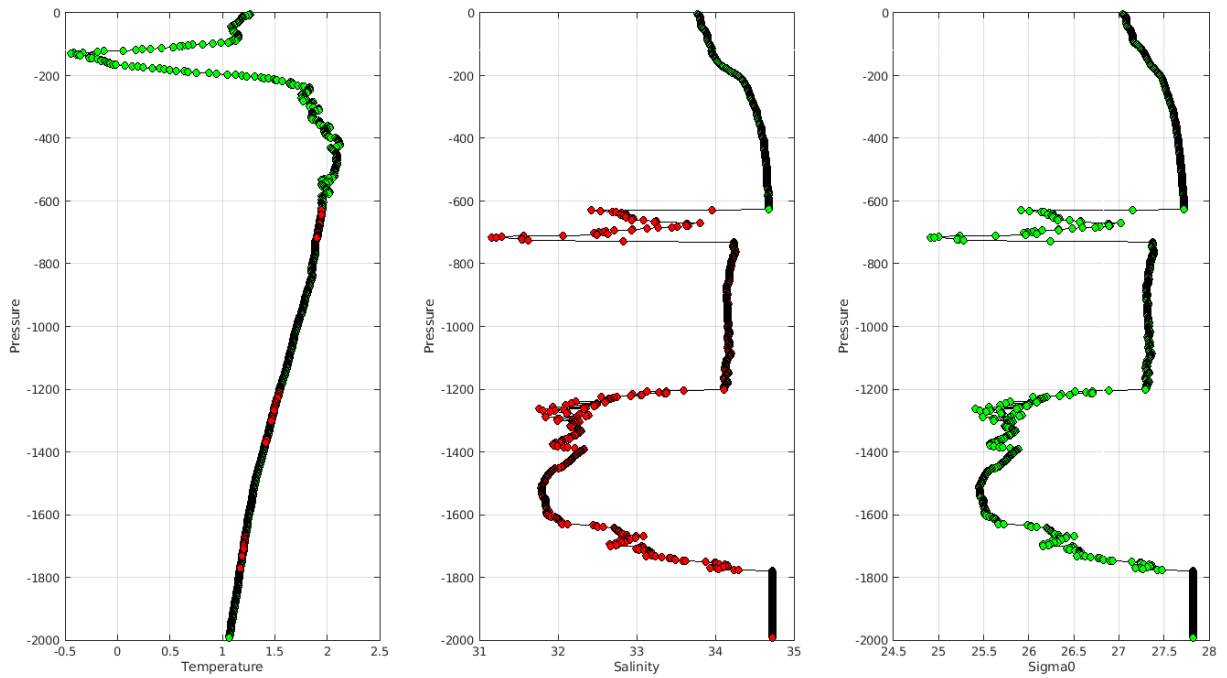
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/csiro/>

Example of anomalies:

Warning MinMax Anomalies 2024 May TEMP PSAL : DAC CS- Float 5905558 - 8



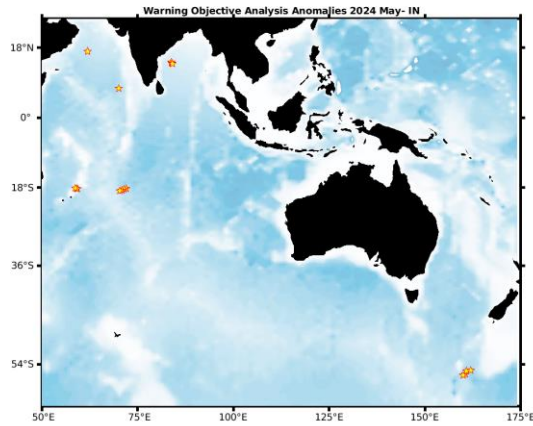
Warning MinMax Anomalies 2024 May TEMP PSAL : DAC CS- Float 7900648 - 151



5.5. DAC INCOIS

Profiles detected by the objective analysis: 16 profiles (6 floats but floats can have several cycles with anomalies)

Data_mode = 'R'	Data_mode = 'A'	Data_mode = 'D'
16 cycles	0 cycle	0 cycle

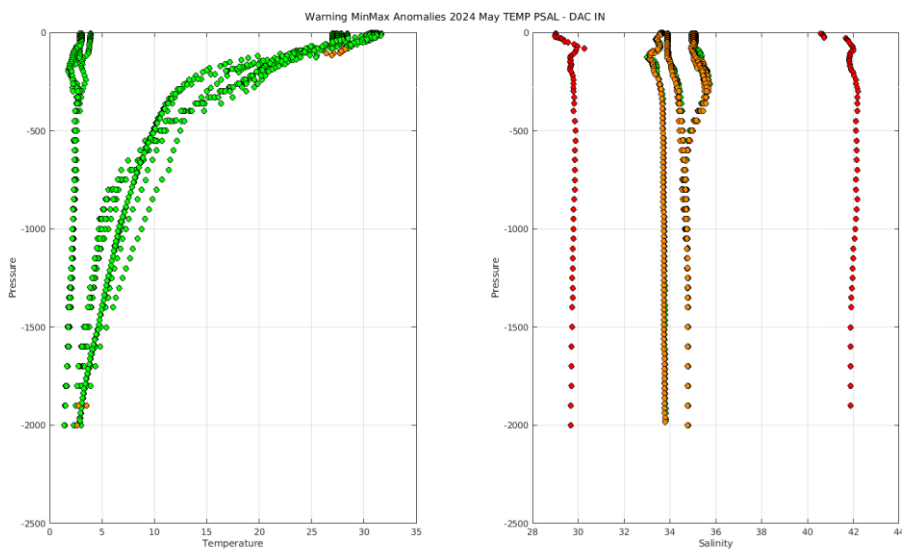


**Status of corrections:** Corrections done or in progress, some feedbacks. (A re-decoding for a certain type of floats handled at Coriolis may explain the large number of anomalies).

Files data\_mode='R'/'A'

- Float : 2902184 - Cycle : 312 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2024 4 28
- Float : 2902184 - Cycle : 313 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2024 5 8
- Float : 2902184 - Cycle : 314 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2024 5 18
- Float : 2902184 - Cycle : 315 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2024 5 28
- Float : 2902185 - Cycle : 312 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2024 5 2
- Float : 2902185 - Cycle : 313 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2024 5 12
- Float : 2902185 - Cycle : 314 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2024 5 22
- Float : 2902200 - Cycle : 299 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2024 5 3
- Float : 2902201 - Cycle : 298 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2024 4 24
- Float : 2902222 - Cycle : 266 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2024 4 24
- Float : 2902222 - Cycle : 267 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2024 5 4
- Float : 2902222 - Cycle : 268 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2024 5 14
- Float : 2902222 - Cycle : 269 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2024 5 24
- Float : 5907083 - Cycle : 23 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2024 4 26
- Float : 5907083 - Cycle : 24 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2024 5 6
- Float : 5907083 - Cycle : 25 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2024 5 16

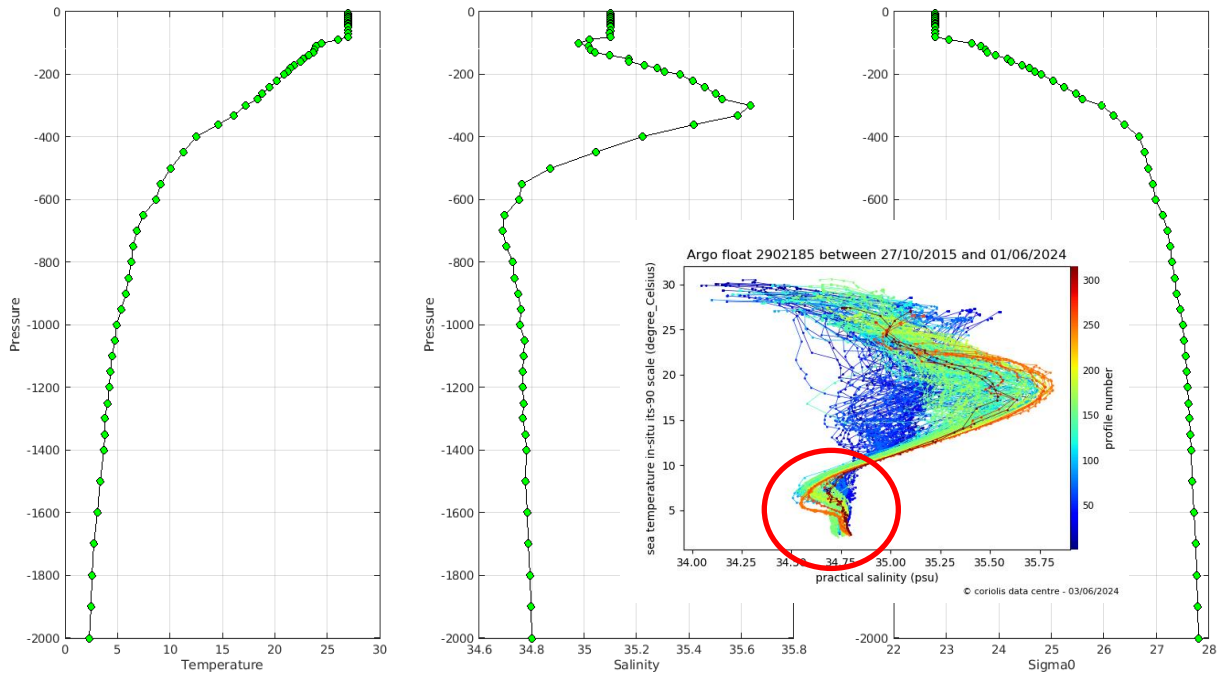
Files data\_mode='D'



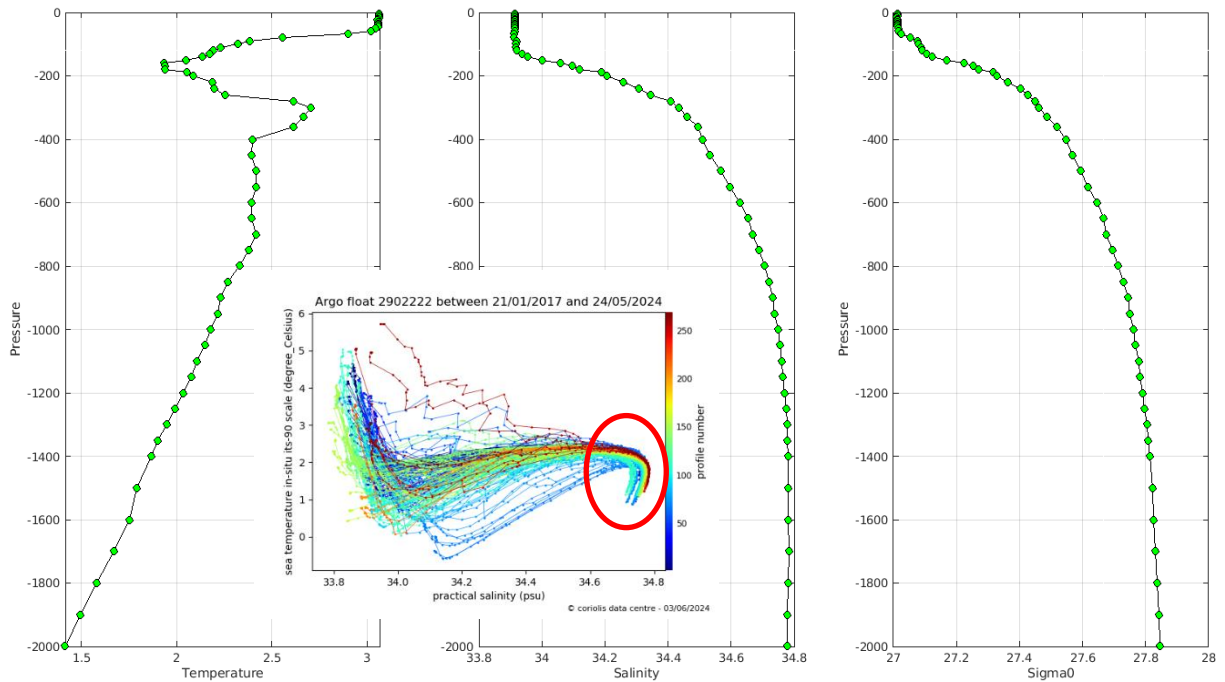
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/incois/>

Example of anomalies:

**Warning MinMax Anomalies 2024 May TEMP PSAL : DAC IN- Float 2902185 - 314**



**Warning MinMax Anomalies 2024 May TEMP PSAL : DAC IN- Float 2902222 - 269**

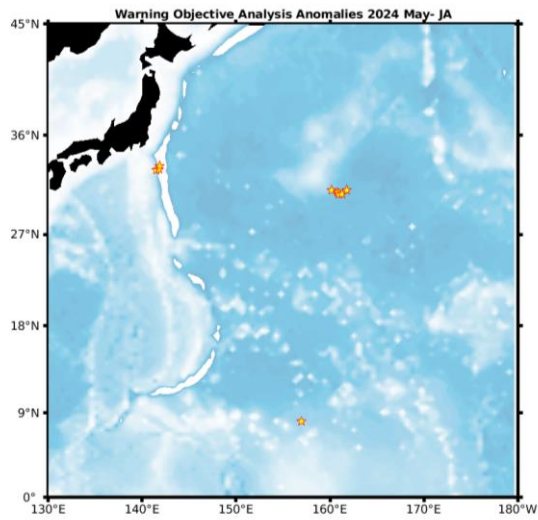




## 5.6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 9 profiles (4 floats but floats can have several cycles with anomalies)

Data_mode = 'R'	Data_mode = 'A'	Data_mode = 'D'
3 cycles	5 cycles	1 cycle

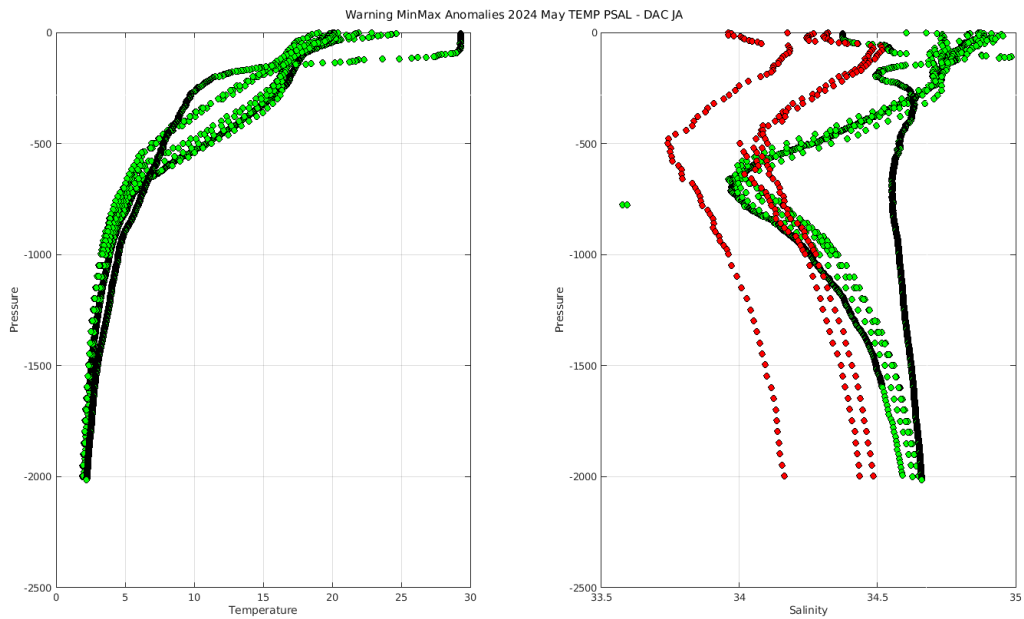


**Status of corrections:** Correction in progress, feedbacks each month

### Files data\_mode='R'/'A'

Float : 2903656 - Cycle : 5 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9015 - Date : 2021 6 26  
 Float : 2903714 - Cycle : 115 - PI : JMA - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-21JP013 - Date : 2024 5 8  
 Float : 2903714 - Cycle : 116 - PI : JMA - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-21JP013 - Date : 2024 5 13  
 Float : 2903714 - Cycle : 118 - PI : JMA - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-21JP013 - Date : 2024 5 23  
 Float : 2903714 - Cycle : 119 - PI : JMA - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-21JP013 - Date : 2024 5 28  
 Float : 2903747 - Cycle : 0 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-22JP015 - Date : 2024 4 29  
 Float : 2903747 - Cycle : 1 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-22JP015 - Date : 2024 5 4  
 Float : 2903747 - Cycle : 2 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-22JP015 - Date : 2024 5 9  
 Float : 5905227 - Cycle : 158 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8605 - Date : 2024 5 26

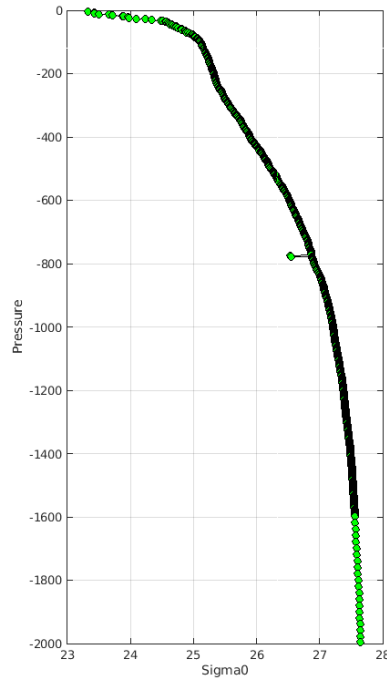
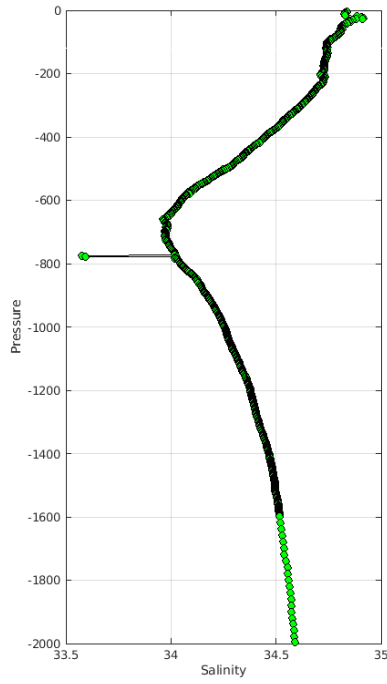
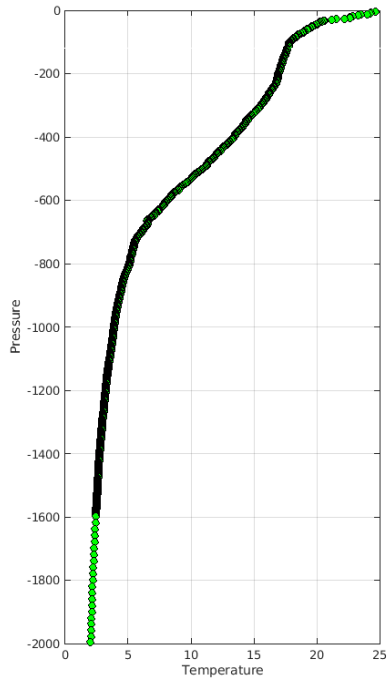
### Files data\_mode='D'



The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/jma/>

Example of anomalies:

Warning MinMax Anomalies 2024 May TEMP PSAL : DAC JA- Float 2903656 - 5



## 5.7. DAC KMA

Profiles detected by the objective analysis: 0 profile (0 float – float can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	0 cycle	0 cycle

**Status of corrections: Feedback, float not well recorded on the greylist.**

Files data\_mode='R'/'A'

Files data\_mode='D'

The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/kma/>

Example of anomalies:

**Delayed Mode anomalies (adjusted fields) – date mode ='A' or 'D'**

Mix of R (cycles 001 -024-025) and D files for float 2900171

D2900171_002.nc	D2900171_010.nc	D2900171_018.nc	D2900171_028.nc	D2900171_036.nc	D2900171_044.nc	D2900171_052.nc	D2900171_060.nc	D2900171_068.nc
D2900171_003.nc	D2900171_011.nc	D2900171_019.nc	D2900171_029.nc	D2900171_037.nc	D2900171_045.nc	D2900171_053.nc	D2900171_061.nc	D2900171_069.nc
D2900171_004.nc	D2900171_012.nc	D2900171_020.nc	D2900171_030.nc	D2900171_038.nc	D2900171_046.nc	D2900171_054.nc	D2900171_062.nc	D2900171_070.nc
D2900171_005.nc	D2900171_013.nc	D2900171_021.nc	D2900171_031.nc	D2900171_039.nc	D2900171_047.nc	D2900171_055.nc	D2900171_063.nc	D2900171_071.nc
D2900171_006.nc	D2900171_014.nc	D2900171_022.nc	D2900171_032.nc	D2900171_040.nc	D2900171_048.nc	D2900171_056.nc	D2900171_064.nc	R2900171_001.nc
D2900171_007.nc	D2900171_015.nc	D2900171_023.nc	D2900171_033.nc	D2900171_041.nc	D2900171_049.nc	D2900171_057.nc	D2900171_065.nc	R2900171_024.nc
D2900171_008.nc	D2900171_016.nc	D2900171_026.nc	D2900171_034.nc	D2900171_042.nc	D2900171_050.nc	D2900171_058.nc	D2900171_066.nc	R2900171_025.nc
D2900171_009.nc	D2900171_017.nc	D2900171_027.nc	D2900171_035.nc	D2900171_043.nc	D2900171_051.nc	D2900171_059.nc	D2900171_067.nc	

- Mix of RT and DM files and strange values (Float\_wmo, Cycle, Data\_state\_indicator, Parameter, Value, QC)

ex float 2901233 cycle 53 : QC ok = 4 but take care can come from a problem of decoding

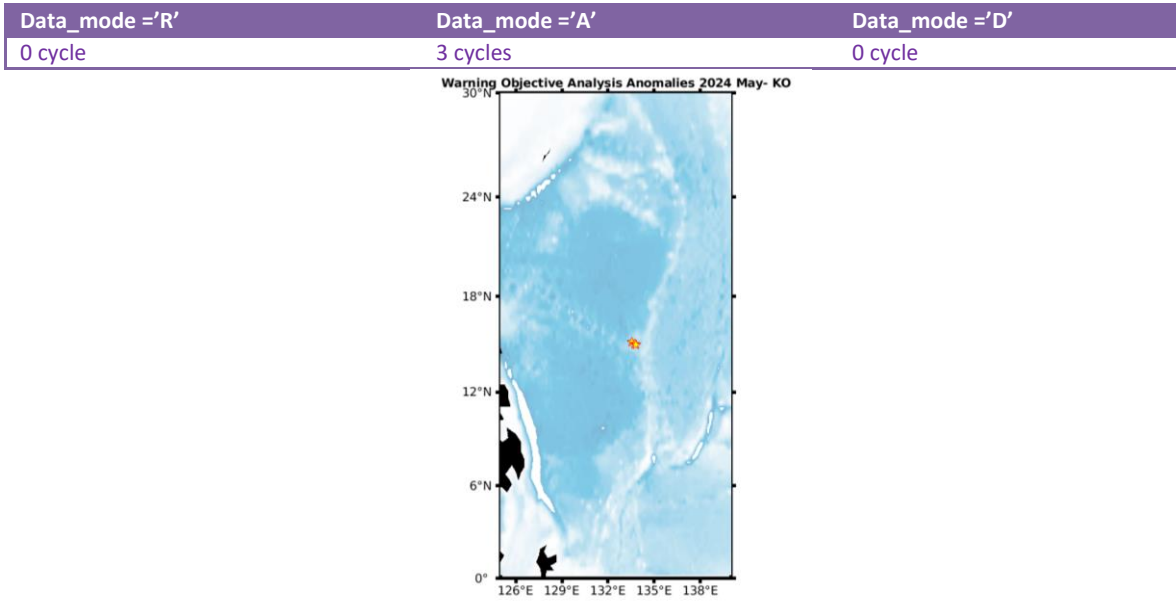
PSAL =

**-1073760.375, 33.900, 33.876, 33.928, 33.964, 34.015,**  
**34.028, 34.027, 34.031, 34.033, 34.034, 34.029,**

KM	2901233	53	2C	30	-1073760,375	4
KM	2901233	92	2C	30	-1073758,25	4
KM	2901233	128	2C	30	-1073758,75	4
KM	2901238	81	2C	30	-1073760,25	4
KM	2901702	67	2C	30	-1073746,625	4
KM	2901710	62	2C	30	-1073745,5	4

5.8. DAC KORDI/KIOST

Profiles detected by the objective analysis: 3 profiles (1 float – float can have several cycles with anomalies)

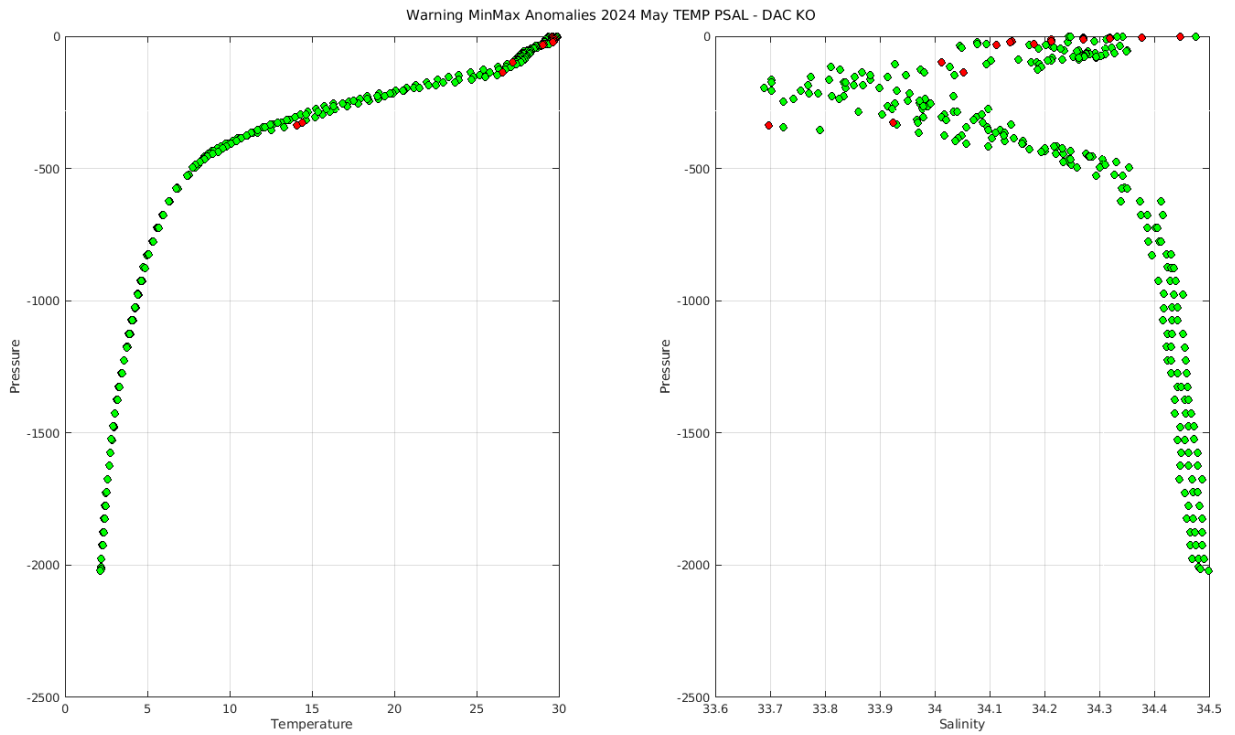


**Status of corrections: No feedback.**

Files data\_mode='R'/'A'

Float : 3902470 - Cycle : 58 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2024 5 5  
 Float : 3902470 - Cycle : 59 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2024 5 15  
 Float : 3902470 - Cycle : 60 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2024 5 25

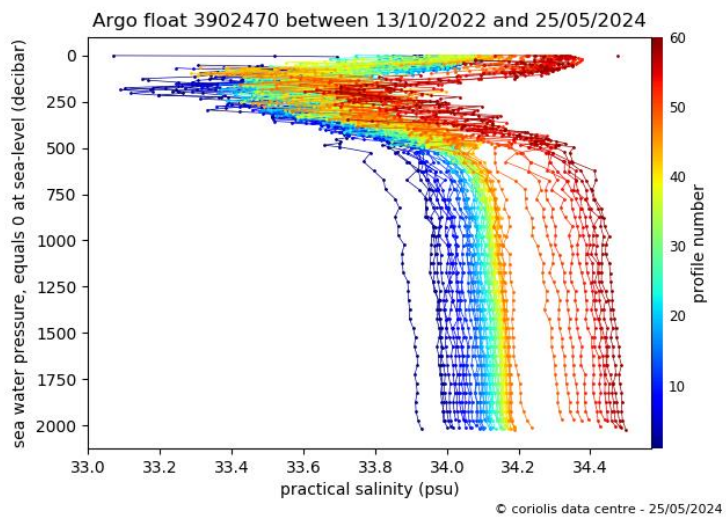
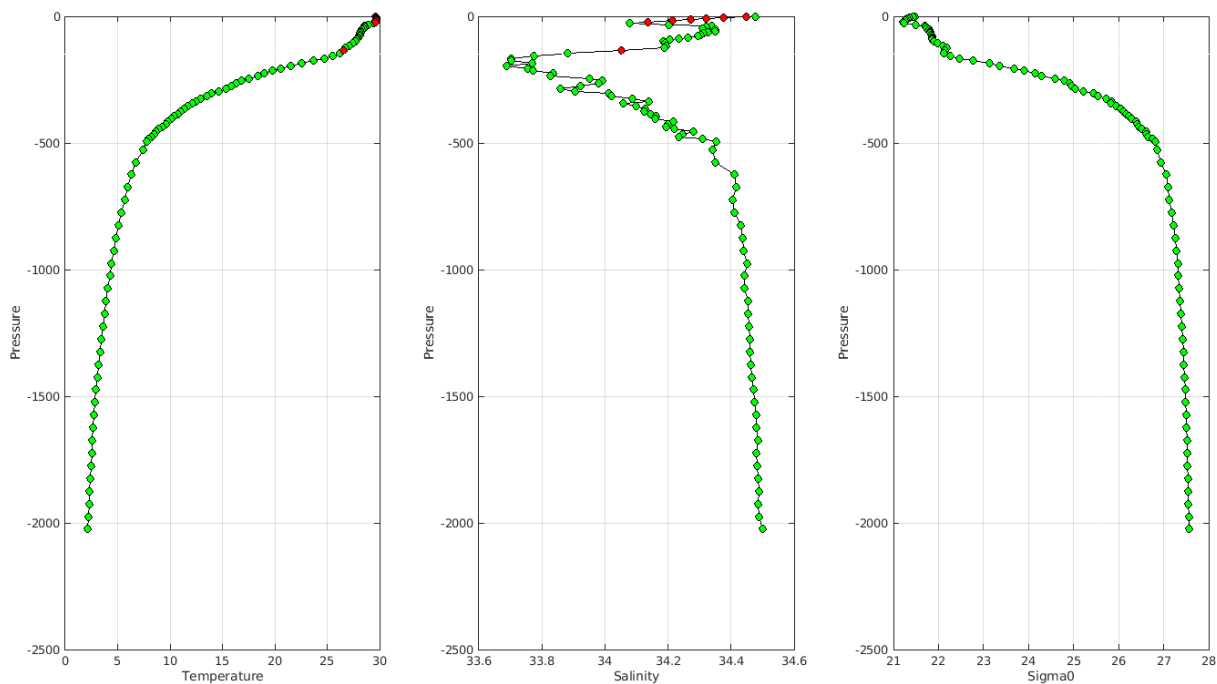
Files data\_mode='D'



The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/kordi/>

Example of anomalies:

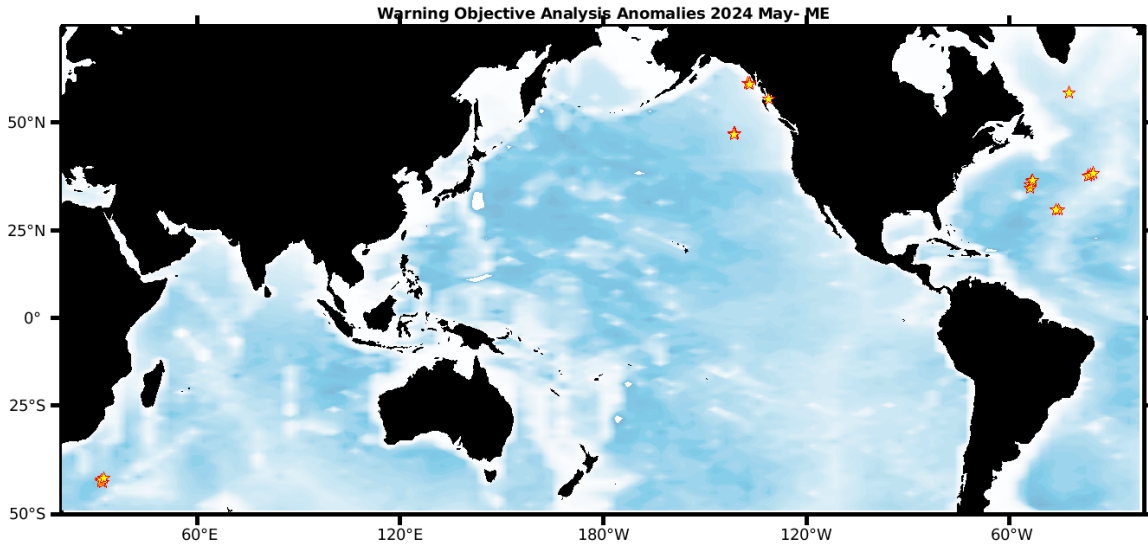
Warning MinMax Anomalies 2024 May TEMP PSAL : DAC KO- Float 3902470 - 60



## 5.9. DAC MEDS

Profiles detected by the objective analysis: 22 profiles (8 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
22 cycles	0 cycle	0 cycle

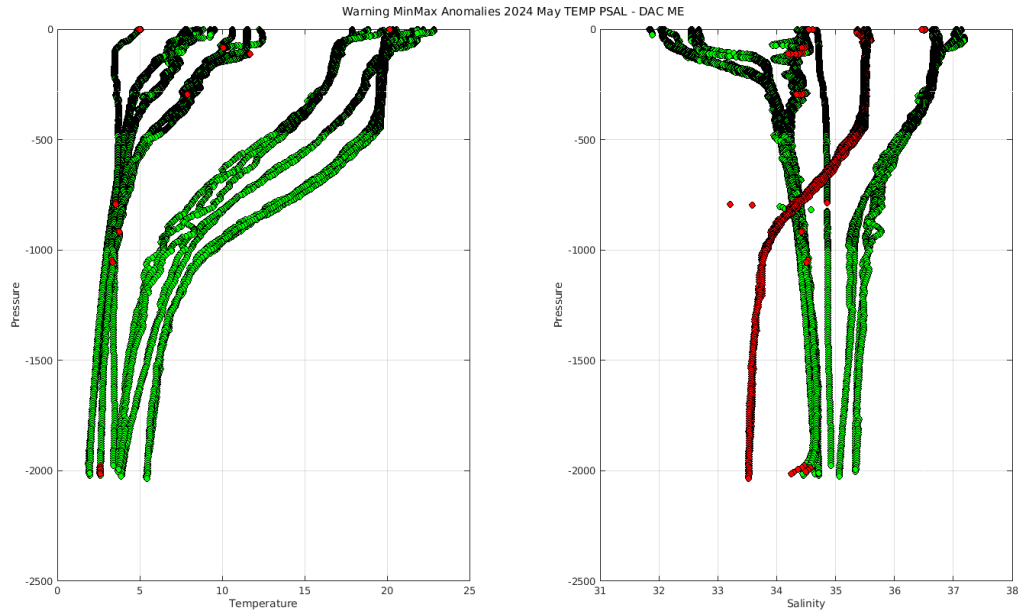


**Status of corrections: In progress.**

### Files data\_mode='R'/'A'

Float : 4902440 - Cycle : 203 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA03 - Date : 2024 4 29  
 Float : 4902440 - Cycle : 205 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA03 - Date : 2024 5 20  
 Float : 4902444 - Cycle : 190 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA07 - Date : 2024 5 5  
 Float : 4902444 - Cycle : 191 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA07 - Date : 2024 5 15  
 Float : 4902444 - Cycle : 192 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA07 - Date : 2024 5 25  
 Float : 4902445 - Cycle : 213 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA08 - Date : 2024 4 26  
 Float : 4902445 - Cycle : 214 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA08 - Date : 2024 5 7  
 Float : 4902445 - Cycle : 215 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA08 - Date : 2024 5 17  
 Float : 4902445 - Cycle : 216 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA08 - Date : 2024 5 27  
 Float : 4902470 - Cycle : 182 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2024 4 27  
 Float : 4902470 - Cycle : 183 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2024 5 8  
 Float : 4902470 - Cycle : 184 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2024 5 18  
 Float : 4902470 - Cycle : 185 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2024 5 28  
 Float : 4902591 - Cycle : 73 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA32 - Date : 2024 5 18  
 Float : 4902595 - Cycle : 74 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2024 5 5  
 Float : 4902595 - Cycle : 75 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2024 5 15  
 Float : 4902595 - Cycle : 76 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2024 5 25  
 Float : 4902657 - Cycle : 2 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260023CA02 - Date : 2024 4 30  
 Float : 4902657 - Cycle : 3 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260023CA02 - Date : 2024 5 9  
 Float : 4902657 - Cycle : 4 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260023CA02 - Date : 2024 5 19  
 Float : 4902657 - Cycle : 5 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260023CA02 - Date : 2024 5 29  
 Float : 4902660 - Cycle : 24 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 263223CA05 - Date : 2024 5 15

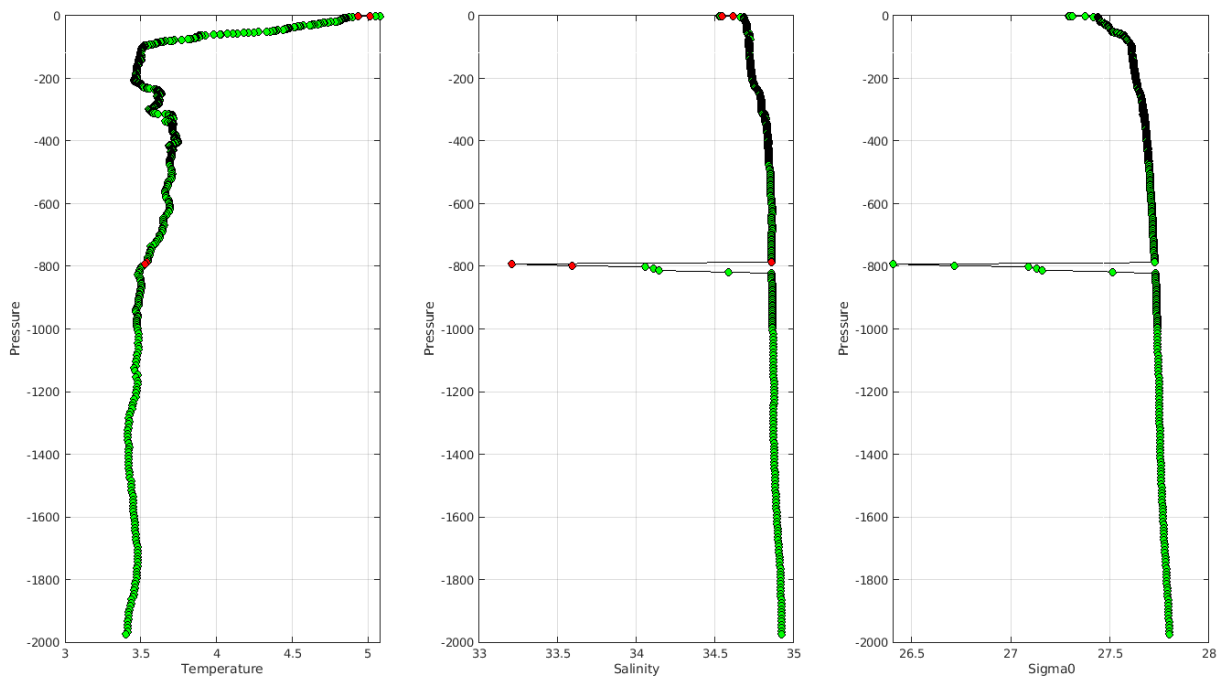
### Files data\_mode='D'

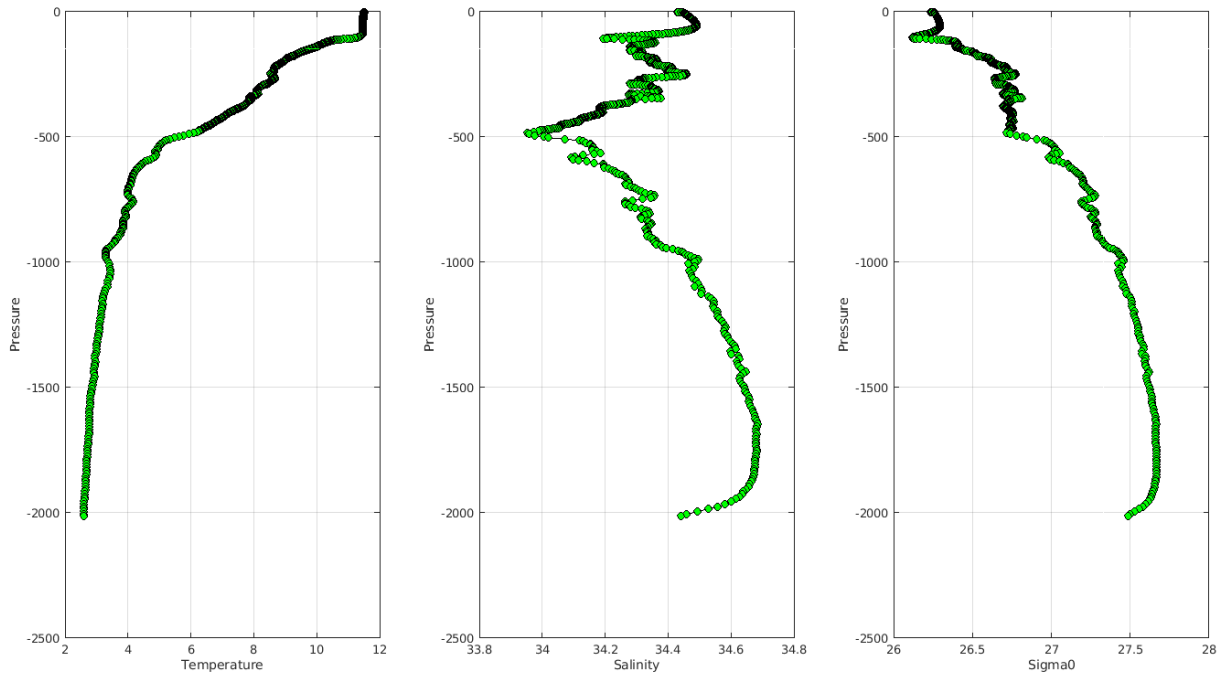


The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/meds/>

Example of anomalies:

**Warning MinMax Anomalies 2024 May TEMP PSAL : DAC ME- Float 4902591 - 73**





**Delayed Mode anomalies (adjusted fields) – date mode = 'A' or 'D'**

Mix of RT and DM files and strange values (Float\_wmo, Cycle, Data\_state\_indicator, Parameter, Value, QC)

```
ME 3900084 120 2C+ PSAL -1701411834604690000000000000000000000000 4
ME 3900085 120 2C+ PSAL -1701411834604690000000000000000000000000 4
ME 4900512
ME 4900521
ME 4900537
ME 4900636
ME 4900877
ME 4901081
```



## 5.10. DAC NMDIS

Profiles detected by the objective analysis: 0 profile (0 float – float can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	0 cycle	0 cycle

INACTIVE FLOATS

**Status of corrections: No feedback on DM anomalies**

The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/nmdis/>

Example of anomalies:

**Delayed Mode anomalies (adjusted fields) – date mode ='D'**

## 6. Synthetic profiles

Please have a look on the log showing problems on synthetic profiles

<https://data-argo.ifremer.fr/etc/argo-synthetic-profile-log/>

## 7. Instrument\_code error

For a same float, two different instrument\_codes have been observed in profile files.

For ex. **DAC AOML Float 3901261** : 326 profiles with instrument\_code 854 and 400 profiles with instrument\_code 872. Here profiles represent the vertical\_sampling\_scheme, so one cycle but 2 profiles for this cycle :

WMO\_INST\_TYPE =

"872 ",  
"872 " ;

VERTICAL\_SAMPLING\_SCHEME =

"Primary sampling: averaged [nominal 2 dbar binned data sampled at 1.0 Hz from a SBE41CP; bin detail from 0 dbar (number bins/bin width): 10/ 1; 490/ 2;remaining/ 2] ",  
"Near-surface sampling: discrete, pumped [shallowest polling from the same SBE41CP]

```
AO 3901261 PF 854 326
AO 3901261 PF 872 400
-----
AO 3901262 PF 854 434
AO 3901262 PF 872 294
-----
AO 3901263 PF 854 432
AO 3901263 PF 872 294
-----
AO 3901264 PF 854 440
AO 3901264 PF 872 295
-----
AO 3901266 PF 854 324
AO 3901266 PF 872 400
-----
AO 41534 TE 845 11
AO 41534 TE 999 85
-----
AO 5905759 PF 851 70
AO 5905759 PF 862 74
-----
AO 5905760 PF 851 68
AO 5905760 PF 862 68
-----
BO 1901894 PF 863 94
BO 1901894 PF 869 13
-----
BO 1901896 PF 863 93
BO 1901896 PF 869 14
```

```
-----
BO 2901896 PF 863 224
BO 2901896 PF 869 14
BO 2901897 PF 863 224
BO 2901897 PF 869 18
-----
BO 2901898 PF 863 221
BO 2901898 PF 869 14
-----
BO 6901162 PF 846 1
BO 6901162 PF 863 62
-----
BO 6901163 PF 846 1
BO 6901163 PF 863 187
-----
CS 1901740 PF 863 3
CS 1901740 PF 869 75
-----
CS 1901741 PF 863 3
CS 1901741 PF 869 74
-----
CS 1901742 PF 863 2
CS 1901742 PF 869 34
CS 5905428 PF 863 8
CS 5905428 PF 869 74
-----
CS 5905429 PF 863 7
CS 5905429 PF 869 75
```

```
-----
CS 7900632 PF 863 3
CS 7900632 PF 869 75
-----
CS 7900633 PF 863 2
CS 7900633 PF 869 75
-----
CS 7900634 PF 863 2
CS 7900634 PF 869 75
-----
HZ 2900313 PF 840 5
HZ 2900313 PF 841 3
-----
HZ 2902695 PF 870 1
HZ 2902695 PF 871 69
-----
HZ 2902698 PF 870 2
HZ 2902698 PF 871 58
-----
HZ 5900228 PF 840 3
HZ 5900228 PF 841 1
-----
IN 2902154 PF 841 1
IN 2902154 PF 846 150
-----
JA 2903635 PF 844 40
JA 2903635 PF 846 1
-----
ME 4901189 PF 846 16
ME 4901189 PF 865 5
```

## 8. File anomalies (GDAC – Real time)

For information, on the GDAC for some floats, some netcdf files are missing. Sometimes this is not an anomaly (float has been deployed but no transmission of data then only meta file is available) but for other cases it could be an anomaly so please check.

I removed all the floats for which the missing netcdf files are not due to an anomaly. For instance, I removed all the floats for which only meta.nc file is generated or only meta.nc and tech.nc files are generated. If you think that others associations have to be removed for technical reasons, let me know.  
<wmo\_number>\_meta.nc | <wmo\_number>\_meta.nc + <wmo\_number>\_tech.nc

## 8.1. AOML

### GDAC (missing nc files)

For some floats :

- tech.nc and/or traj.nc are missing (meta.nc and prof.nc files existing)
- multiprof.nc is missing (no profiles but tech, traj, meta exist)
- only meta file (no monopofile, no trajectory, no technical file)

See below the list of floats with existing nc files :

Feedback from AOML to remove floats for which no sufficient information to create the missing files; some are **Orbcomm** floats (wait for recommendations) which have no technical data, no drift pressure, no timing information and only one surface position then tech files are obsolete and traj files quite useless.

Feedback for floats **4900433**, **4903243** that should be updated

DAC name : aoml – Number of floats : 8836

1900167 - Existing NetCDF files

File : 1900167\_meta.nc - 1900167\_prof.nc

3900160 - Existing NetCDF files

File : 3900160\_Rtraj.nc - 3900160\_meta.nc - 3900160\_tech.nc -

1900168 - Existing NetCDF files

File : 1900168\_meta.nc - 1900168\_prof.nc

3902354 - Existing NetCDF files

File : 3902354\_meta.nc - 3902354\_prof.nc

1900189 - Existing NetCDF files

File : 1900189\_Rtraj.nc - 1900189\_meta.nc - 1900189\_tech.nc -

41534 - Existing NetCDF files

File : 41534\_Rtraj.nc - 41534\_meta.nc - 41534\_tech.nc -

1900244 - Existing NetCDF files

File : 1900244\_meta.nc - 1900244\_prof.nc -

4900228 - Existing NetCDF files

File : 4900228\_meta.nc - 4900228\_prof.nc -

1900245 - Existing NetCDF files

File : 1900245\_meta.nc - 1900245\_prof.nc -

4900229 - Existing NetCDF files

File : 4900229\_meta.nc - 4900229\_prof.nc -

1900255 - Existing NetCDF files

File : 1900255\_meta.nc - 1900255\_prof.nc -

4900230 - Existing NetCDF files

File : 4900230\_meta.nc - 4900230\_prof.nc -

1900257 - Existing NetCDF files

File : 1900257\_meta.nc - 1900257\_prof.nc -

4900268 - Existing NetCDF files

File : 4900268\_meta.nc - 4900268\_prof.nc -

1900748 - Existing NetCDF files

File : 1900748\_Rtraj.nc - 1900748\_meta.nc - 1900748\_tech.nc -

4900269 - Existing NetCDF files

File : 4900269\_meta.nc - 4900269\_prof.nc -

1900831 - Existing NetCDF files

File : 1900831\_Rtraj.nc - 1900831\_meta.nc - 1900831\_tech.nc -

4900270 - Existing NetCDF files

File : 4900270\_meta.nc - 4900270\_prof.nc -

1901658 - Existing NetCDF files

File : 1901658\_Rtraj.nc - 1901658\_meta.nc - 1901658\_tech.nc -

4900271 - Existing NetCDF files

File : 4900271\_meta.nc - 4900271\_prof.nc -

2901106 - Existing NetCDF files

File : 2901106\_Rtraj.nc - 2901106\_meta.nc - 2901106\_tech.nc

4900272 - Existing NetCDF files

File : 4900272\_meta.nc - 4900272\_prof.nc -

3900148 - Existing NetCDF files

File : 3900148\_meta.nc - 3900148\_prof.nc -

4900273 - Existing NetCDF files

File : 4900273\_meta.nc - 4900273\_prof.nc -

4900287 - Existing NetCDF files  
File : 4900287\_Rtraj.nc - 4900287\_meta.nc - 4900287\_tech.nc -

4900358 - Existing NetCDF files  
File : 4900358\_meta.nc - 4900358\_prof.nc -

4900361 - Existing NetCDF files  
File : 4900361\_meta.nc - 4900361\_prof.nc -

4900366 - Existing NetCDF files  
File : 4900366\_meta.nc - 4900366\_prof.nc -

4900367 - Existing NetCDF files  
File : 4900367\_meta.nc - 4900367\_prof.nc -

4900382 - Existing NetCDF files  
File : 4900382\_meta.nc - 4900382\_prof.nc -

4900383 - Existing NetCDF files  
File : 4900383\_meta.nc - 4900383\_prof.nc -

4900385 - Existing NetCDF files  
File : 4900385\_meta.nc - 4900385\_prof.nc -

4900426 - Existing NetCDF files  
File : 4900426\_meta.nc - 4900426\_prof.nc -

4900427 - Existing NetCDF files  
File : 4900427\_meta.nc - 4900427\_prof.nc -

4900428 - Existing NetCDF files  
File : 4900428\_meta.nc - 4900428\_prof.nc -

4900583 - Existing NetCDF files  
File : 4900583\_Rtraj.nc - 4900583\_meta.nc - 4900583\_tech.nc -

4901485 - Existing NetCDF files  
File : 4901485\_Rtraj.nc - 4901485\_meta.nc - 4901485\_tech.nc -

4901537 - Existing NetCDF files  
File : 4901537\_Rtraj.nc - 4901537\_meta.nc - 4901537\_tech.nc

4901560 - Existing NetCDF files  
File : 4901560\_Rtraj.nc - 4901560\_meta.nc - 4901560\_tech.nc

4901575 - Existing NetCDF files  
File : 4901575\_Rtraj.nc - 4901575\_meta.nc - 4901575\_tech.nc -

4901577 - Existing NetCDF files  
File : 4901577\_Rtraj.nc - 4901577\_meta.nc - 4901577\_tech.nc

4903243 - Existing NetCDF files  
File : 4903243\_meta.nc - 4903243\_prof.nc - 4903243\_tech.nc -

4903467 - Existing NetCDF files  
File : 4903467\_meta.nc - 4903467\_prof.nc - 4903467\_tech.nc -

4903473 - Existing NetCDF files  
File : 4903473\_meta.nc - 4903473\_prof.nc - 4903473\_tech.nc -

5900253 - Existing NetCDF files  
File : 5900253\_Rtraj.nc - 5900253\_meta.nc - 5900253\_tech.nc -

5900637 - Existing NetCDF files  
File : 5900637\_Rtraj.nc - 5900637\_meta.nc - 5900637\_tech.nc -

5900765 - Existing NetCDF files  
File : 5900765\_Rtraj.nc - 5900765\_meta.nc - 5900765\_tech.nc -

5900892 - Existing NetCDF files  
File : 5900892\_Rtraj.nc - 5900892\_meta.nc - 5900892\_tech.nc -

5901006 - Existing NetCDF files  
File : 5901006\_Rtraj.nc - 5901006\_meta.nc - 5901006\_tech.nc -

5901082 - Existing NetCDF files  
File : 5901082\_Rtraj.nc - 5901082\_meta.nc - 5901082\_tech.nc

5903442 - Existing NetCDF files  
File : 5903442\_Rtraj.nc - 5903442\_meta.nc - 5903442\_tech.nc -

5904282 - Existing NetCDF files  
File : 5904282\_Rtraj.nc - 5904282\_meta.nc - 5904282\_tech.nc -

5904838 - Existing NetCDF files  
File : 5904838\_Rtraj.nc - 5904838\_meta.nc - 5904838\_prof.nc -

5904839 - Existing NetCDF files  
File : 5904839\_Rtraj.nc - 5904839\_meta.nc - 5904839\_prof.nc -

5904840 - Existing NetCDF files  
File : 5904840\_Rtraj.nc - 5904840\_meta.nc - 5904840\_prof.nc

5905641 - Existing NetCDF files  
File : 5905641\_Rtraj.nc - 5905641\_meta.nc - 5905641\_prof.nc

5906419 - Existing NetCDF files  
File : 5906419\_Dtraj.nc - 5906419\_meta.nc -

5906420 - Existing NetCDF files  
File : 5906420\_Dtraj.nc - 5906420\_meta.nc -

5906896 - Existing NetCDF files  
File : 5906896\_meta.nc - 5906896\_prof.nc - 5906896\_tech.nc

## 8.2. BODC

## GDAC (missing nc files)

### For some floats :

- tech.nc - and/or traj.nc - are missing (meta.nc - and prof.nc - files existing)
- only meta and/or tech files (no monoprofile, no trajectory)

## **MAINLY TRAJECTORY FILE MISSING**

### See below the list of floats with existing nc files :

#### **DAC name : bodc – Number of floats : 903**

1901312 - Existing NetCDF files

File : 1901312\_meta.nc - 1901312\_prof.nc - 1901312\_tech.nc -

1901844 - Existing NetCDF files

File : 1901844\_meta.nc - 1901844\_prof.nc - 1901844\_tech.nc -

1901845 - Existing NetCDF files

File : 1901845\_meta.nc - 1901845\_prof.nc - 1901845\_tech.nc -

1901846 - Existing NetCDF files

File : 1901846\_meta.nc - 1901846\_prof.nc - 1901846\_tech.nc -

1901847 - Existing NetCDF files

File : 1901847\_meta.nc - 1901847\_prof.nc - 1901847\_tech.nc -

1901848 - Existing NetCDF files

File : 1901848\_meta.nc - 1901848\_prof.nc - 1901848\_tech.nc -

1901849 - Existing NetCDF files

File : 1901849\_meta.nc - 1901849\_prof.nc - 1901849\_tech.nc -

1901850 - Existing NetCDF files

File : 1901850\_meta.nc - 1901850\_prof.nc - 1901850\_tech.nc -

1901851 - Existing NetCDF files

File : 1901851\_meta.nc - 1901851\_prof.nc - 1901851\_tech.nc -

1901852 - Existing NetCDF files

File : 1901852\_meta.nc - 1901852\_prof.nc - 1901852\_tech.nc -

1901853 - Existing NetCDF files

File : 1901853\_meta.nc - 1901853\_prof.nc - 1901853\_tech.nc -

1901854 - Existing NetCDF files

File : 1901854\_meta.nc - 1901854\_prof.nc - 1901854\_tech.nc -

1901855 - Existing NetCDF files

File : 1901855\_meta.nc - 1901855\_prof.nc - 1901855\_tech.nc -

1901856 - Existing NetCDF files

File : 1901856\_meta.nc - 1901856\_prof.nc - 1901856\_tech.nc -

1901857 - Existing NetCDF files

File : 1901857\_meta.nc - 1901857\_prof.nc - 1901857\_tech.nc -

1901858 - Existing NetCDF files

File : 1901858\_meta.nc - 1901858\_prof.nc - 1901858\_tech.nc -

1901859 - Existing NetCDF files

File : 1901859\_meta.nc - 1901859\_prof.nc - 1901859\_tech.nc -

1901860 - Existing NetCDF files

File : 1901860\_meta.nc - 1901860\_prof.nc - 1901860\_tech.nc -

1901861 - Existing NetCDF files

File : 1901861\_meta.nc - 1901861\_prof.nc - 1901861\_tech.nc -

1901862 - Existing NetCDF files

File : 1901862\_meta.nc - 1901862\_prof.nc - 1901862\_tech.nc -

1901863 - Existing NetCDF files

File : 1901863\_meta.nc - 1901863\_prof.nc - 1901863\_tech.nc -

1901864 - Existing NetCDF files

File : 1901864\_meta.nc - 1901864\_prof.nc - 1901864\_tech.nc -

1901865 - Existing NetCDF files

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1901866 - Existing NetCDF files

File : 1901866\_meta.nc - 1901866\_prof.nc - 1901866\_tech.nc -

1901867 - Existing NetCDF files

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1901868 - Existing NetCDF files

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1901869 - Existing NetCDF files

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1901870 - Existing NetCDF files

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1901871 - Existing NetCDF files

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1901872 - Existing NetCDF files

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1901873 - Existing NetCDF files

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1901875 - Existing NetCDF files

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1901876 - Existing NetCDF files

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1901877 - Existing NetCDF files

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1901878 - Existing NetCDF files

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1901879 - Existing NetCDF files

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1901880 - Existing NetCDF files



1901928 - Existing NetCDF files  
File : 1901928\_meta.nc - 1901928\_prof.nc - 1901928\_tech.nc -

1901931 - Existing NetCDF files  
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1901932 - Existing NetCDF files  
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1901933 - Existing NetCDF files  
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1901934 - Existing NetCDF files  
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1901935 - Existing NetCDF files  
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1901936 - Existing NetCDF files  
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1901937 - Existing NetCDF files  
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1901938 - Existing NetCDF files  
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1901939 - Existing NetCDF files  
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1901941 - Existing NetCDF files  
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1901942 - Existing NetCDF files  
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1902079 - Existing NetCDF files  
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1902080 - Existing NetCDF files  
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1902081 - Existing NetCDF files  
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1902082 - Existing NetCDF files  
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1902083 - Existing NetCDF files  
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1902084 - Existing NetCDF files  
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1902085 - Existing NetCDF files  
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1902086 - Existing NetCDF files  
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1902087 - Existing NetCDF files  
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1902088 - Existing NetCDF files  
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1902089 - Existing NetCDF files  
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1902090 - Existing NetCDF files  
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1902091 - Existing NetCDF files  
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1902093 - Existing NetCDF files  
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1902094 - Existing NetCDF files  
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1902095 - Existing NetCDF files  
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1902096 - Existing NetCDF files  
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1902097 - Existing NetCDF files  
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1902099 - Existing NetCDF files  
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1902101 - Existing NetCDF files  
File : 1902101\_meta.nc - 1902101\_prof.nc - 1902101\_tech.nc -

1902102 - Existing NetCDF files  
File : 1902102\_meta.nc - 1902102\_prof.nc - 1902102\_tech.nc -

1902103 - Existing NetCDF files  
File : 1902103\_meta.nc - 1902103\_prof.nc - 1902103\_tech.nc -

1902104 - Existing NetCDF files  
File : 1902104\_meta.nc - 1902104\_prof.nc - 1902104\_tech.nc -

1902105 - Existing NetCDF files  
File : 1902105\_meta.nc - 1902105\_prof.nc - 1902105\_tech.nc -

1902106 - Existing NetCDF files  
File : 1902106\_meta.nc - 1902106\_prof.nc - 1902106\_tech.nc -

1902595 - Existing NetCDF files  
File : 1902595\_meta.nc - 1902595\_prof.nc - 1902595\_tech.nc -

1902606 - Existing NetCDF files  
File : 1902606\_meta.nc - 1902606\_prof.nc - 1902606\_tech.nc -

1902684 - Existing NetCDF files  
File : 1902684\_meta.nc - 1902684\_prof.nc - 1902684\_tech.nc -

2901891 - Existing NetCDF files  
File : 2901891\_meta.nc - 2901891\_prof.nc - 2901891\_tech.nc -

2901892 - Existing NetCDF files  
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2901893 - Existing NetCDF files  
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2901894 - Existing NetCDF files  
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2901895 - Existing NetCDF files  
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2901896 - Existing NetCDF files  
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2901897 - Existing NetCDF files  
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2901898 - Existing NetCDF files  
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2901899 - Existing NetCDF files  
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2901900 - Existing NetCDF files  
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2901902 - Existing NetCDF files  
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2901903 - Existing NetCDF files  
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2901904 - Existing NetCDF files  
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2901905 - Existing NetCDF files  
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2903773 - Existing NetCDF files  
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2903791 - Existing NetCDF files  
File : 2903791\_meta.nc - 2903791\_prof.nc - 2903791\_tech.nc -

2903897 - Existing NetCDF files  
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3900538 - Existing NetCDF files  
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3900559 - Existing NetCDF files  
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3900560 - Existing NetCDF files  
File : 3900560\_meta.nc - 3900560\_prof.nc - 3900560\_tech.nc -

3901488 - Existing NetCDF files  
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3901489 - Existing NetCDF files  
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3901490 - Existing NetCDF files  
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3901491 - Existing NetCDF files  
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3901492 - Existing NetCDF files  
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3901493 - Existing NetCDF files  
File : 3901493\_meta.nc - 3901493\_prof.nc - 3901493\_tech.nc -

3901494 - Existing NetCDF files  
File : 3901494\_meta.nc - 3901494\_prof.nc - 3901494\_tech.nc -

3901495 - Existing NetCDF files  
File : 3901495\_meta.nc - 3901495\_prof.nc - 3901495\_tech.nc -

3901499 - Existing NetCDF files  
File : 3901499\_meta.nc - 3901499\_prof.nc - 3901499\_tech.nc -

3901500 - Existing NetCDF files  
File : 3901500\_meta.nc - 3901500\_prof.nc - 3901500\_tech.nc -

3901501 - Existing NetCDF files  
File : 3901501\_meta.nc - 3901501\_prof.nc - 3901501\_tech.nc -

3901502 - Existing NetCDF files  
File : 3901502\_meta.nc - 3901502\_prof.nc - 3901502\_tech.nc -

3901503 - Existing NetCDF files  
File : 3901503\_meta.nc - 3901503\_prof.nc - 3901503\_tech.nc -

3901504 - Existing NetCDF files  
File : 3901504\_meta.nc - 3901504\_prof.nc - 3901504\_tech.nc -

3901505 - Existing NetCDF files  
File : 3901505\_meta.nc - 3901505\_prof.nc - 3901505\_tech.nc -

3901506 - Existing NetCDF files  
File : 3901506\_meta.nc - 3901506\_prof.nc - 3901506\_tech.nc -

3901507 - Existing NetCDF files  
File : 3901507\_meta.nc - 3901507\_prof.nc - 3901507\_tech.nc -

3901508 - Existing NetCDF files  
File : 3901508\_meta.nc - 3901508\_prof.nc - 3901508\_tech.nc -

3901509 - Existing NetCDF files  
File : 3901509\_meta.nc - 3901509\_prof.nc - 3901509\_tech.nc -

3901510 - Existing NetCDF files  
File : 3901510\_meta.nc - 3901510\_prof.nc - 3901510\_tech.nc -

3901511 - Existing NetCDF files  
File : 3901511\_meta.nc - 3901511\_prof.nc - 3901511\_tech.nc -

3901512 - Existing NetCDF files  
File : 3901512\_meta.nc - 3901512\_prof.nc - 3901512\_tech.nc -

3901513 - Existing NetCDF files  
File : 3901513\_meta.nc - 3901513\_prof.nc - 3901513\_tech.nc -

3901514 - Existing NetCDF files  
File : 3901514\_meta.nc - 3901514\_prof.nc - 3901514\_tech.nc -

3901515 - Existing NetCDF files  
File : 3901515\_meta.nc - 3901515\_prof.nc - 3901515\_tech.nc -

3901516 - Existing NetCDF files





3901566 - Existing NetCDF files  
File : 3901566\_meta.nc - 3901566\_prof.nc - 3901566\_tech.nc -

3901567 - Existing NetCDF files  
File : 3901567\_meta.nc - 3901567\_prof.nc - 3901567\_tech.nc -

3901568 - Existing NetCDF files  
File : 3901568\_meta.nc - 3901568\_prof.nc - 3901568\_tech.nc -

3901569 - Existing NetCDF files  
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3901570 - Existing NetCDF files  
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3901571 - Existing NetCDF files  
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3901572 - Existing NetCDF files  
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3901573 - Existing NetCDF files  
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3901574 - Existing NetCDF files  
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3901575 - Existing NetCDF files  
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3901576 - Existing NetCDF files  
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3902398 - Existing NetCDF files  
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3902399 - Existing NetCDF files  
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3902400 - Existing NetCDF files  
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3902402 - Existing NetCDF files  
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3902403 - Existing NetCDF files  
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3902493 - Existing NetCDF files  
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3902494 - Existing NetCDF files  
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3902496 - Existing NetCDF files  
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3902502 - Existing NetCDF files  
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3902503 - Existing NetCDF files  
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4903656 - Existing NetCDF files  
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4903670 - Existing NetCDF files  
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5906966 - Existing NetCDF files  
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5906967 - Existing NetCDF files  
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5906982 - Existing NetCDF files  
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5906986 - Existing NetCDF files  
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5907048 - Existing NetCDF files  
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6901153 - Existing NetCDF files  
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6901162 - Existing NetCDF files  
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6901163 - Existing NetCDF files  
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6901164 - Existing NetCDF files  
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6901165 - Existing NetCDF files  
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6901166 - Existing NetCDF files  
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6901167 - Existing NetCDF files  
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6901169 - Existing NetCDF files  
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6901171 - Existing NetCDF files  
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6901172 - Existing NetCDF files  
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6901173 - Existing NetCDF files  
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6901184 - Existing NetCDF files  
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6901188 - Existing NetCDF files  
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6901190 - Existing NetCDF files  
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6901191 - Existing NetCDF files  
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6901194 - Existing NetCDF files  
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6901195 - Existing NetCDF files  
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6901197 - Existing NetCDF files  
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6901200 - Existing NetCDF files  
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6901201 - Existing NetCDF files  
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6901202 - Existing NetCDF files  
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6901205 - Existing NetCDF files  
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6901207 - Existing NetCDF files  
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6901208 - Existing NetCDF files  
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6901211 - Existing NetCDF files  
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6901212 - Existing NetCDF files  
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6901213 - Existing NetCDF files  
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6901214 - Existing NetCDF files  
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6901215 - Existing NetCDF files  
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6901919 - Existing NetCDF files  
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6901920 - Existing NetCDF files  
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6901921 - Existing NetCDF files  
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6901922 - Existing NetCDF files  
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6901923 - Existing NetCDF files  
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6901924 - Existing NetCDF files  
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6901925 - Existing NetCDF files  
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6901926 - Existing NetCDF files

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6901928 - Existing NetCDF files

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6903715 - Existing NetCDF files

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6903716 - Existing NetCDF files

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6903717 - Existing NetCDF files

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6903718 - Existing NetCDF files

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6903719 - Existing NetCDF files

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6903720 - Existing NetCDF files

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6903721 - Existing NetCDF files

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6903722 - Existing NetCDF files

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6903723 - Existing NetCDF files

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6903724 - Existing NetCDF files

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6903725 - Existing NetCDF files

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6903726 - Existing NetCDF files

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6903727 - Existing NetCDF files

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6903751 - Existing NetCDF files

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6903752 - Existing NetCDF files

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6903753 - Existing NetCDF files

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6903754 - Existing NetCDF files

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6903755 - Existing NetCDF files

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6903758 - Existing NetCDF files

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6903760 - Existing NetCDF files

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6903761 - Existing NetCDF files

File : 6903761\_meta.nc - 6903761\_prof.nc - 6903761\_tech.nc -

6904179 - Existing NetCDF files

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6904180 - Existing NetCDF files

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6904181 - Existing NetCDF files

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6904191 - Existing NetCDF files

File : 6904191\_meta.nc - 6904191\_prof.nc - 6904191\_tech.nc -

6904192 - Existing NetCDF files

File : 6904192\_meta.nc - 6904192\_prof.nc - 6904192\_tech.nc -

6990518 - Existing NetCDF files

File : 6990518\_meta.nc - 6990518\_prof.nc - 6990518\_tech.nc -

6990519 - Existing NetCDF files

File : 6990519\_meta.nc - 6990519\_prof.nc - 6990519\_tech.nc -

6990520 - Existing NetCDF files

File : 6990520\_meta.nc - 6990520\_prof.nc - 6990520\_tech.nc -

6990521 - Existing NetCDF files

File : 6990521\_meta.nc - 6990521\_prof.nc - 6990521\_tech.nc -

6990522 - Existing NetCDF files

File : 6990522\_meta.nc - 6990522\_prof.nc - 6990522\_tech.nc -

6990631 - Existing NetCDF files

File : 6990631\_Rtraj.nc - 6990631\_meta.nc - 6990631\_tech.nc -

7901008 - Existing NetCDF files

File : 7901008\_meta.nc - 7901008\_prof.nc - 7901008\_tech.nc -

7901024 - Existing NetCDF files

File : 7901024\_meta.nc - 7901024\_prof.nc - 7901024\_tech.nc -

7901034 - Existing NetCDF files

File : 7901034\_meta.nc - 7901034\_prof.nc - 7901034\_tech.nc -

7901093 - Existing NetCDF files

File : 7901093\_meta.nc - 7901093\_prof.nc - 7901093\_tech.nc -

7901132 - Existing NetCDF files

File : 7901132\_meta.nc - 7901132\_prof.nc - 7901132\_tech.nc

### 8.3. CORIOLIS

#### GDAC (missing nc files)

**For some floats :**

- multiprof.nc - is missing (no profiles but tech, traj, meta exist)

**See below the list of floats with existing nc files :**

**DAC name : Coriolis – Number of floats : 3798**

1900380 - Existing NetCDF files

File : 1900380\_Rtraj.nc - 1900380\_meta.nc - 1900380\_tech.nc -

1901216 - Existing NetCDF files

File : 1901216\_Rtraj.nc - 1901216\_meta.nc - 1901216\_tech.nc -

5903129 - Existing NetCDF files

File : 5903129\_Rtraj.nc - 5903129\_meta.nc - 5903129\_tech.nc -

5906980 - Existing NetCDF files

File : 5906980\_Rtraj.nc - 5906980\_meta.nc

6900215 - Existing NetCDF files

File : 6900215\_meta.nc - 6900215\_prof.nc - 6900215\_tech.nc -

6900217 - Existing NetCDF files

File : 6900217\_meta.nc - 6900217\_prof.nc - 6900217\_tech.nc -

6900831 - Existing NetCDF files

File : 6900831\_Rtraj.nc - 6900831\_meta.nc - 6900831\_tech.nc -

6900940 - Existing NetCDF files

File : 6900940\_Rtraj.nc - 6900940\_meta.nc - 6900940\_tech.nc -

6901000 - Existing NetCDF files

File : 6901000\_Rtraj.nc - 6901000\_meta.nc - 6901000\_tech.nc

6901224 - Existing NetCDF files

File : 6901224\_Rtraj.nc - 6901224\_meta.nc - 6901224\_tech.nc -

6901438 - Existing NetCDF files

File : 6901438\_Rtraj.nc - 6901438\_meta.nc -

6901469 - Existing NetCDF files

File : 6901469\_Rtraj.nc - 6901469\_meta.nc -

6901551 - Existing NetCDF files

File : 6901551\_Rtraj.nc - 6901551\_meta.nc - 6901551\_tech.nc -

6901594 - Existing NetCDF files

File : 6901594\_Rtraj.nc - 6901594\_meta.nc - 6901594\_tech.nc -

6901615 - Existing NetCDF files

File : 6901615\_Rtraj.nc - 6901615\_meta.nc - 6901615\_tech.nc -

6901820 - Existing NetCDF files

File : 6901820\_Rtraj.nc - 6901820\_meta.nc -

6901844 - Existing NetCDF files

File : 6901844\_Rtraj.nc - 6901844\_meta.nc -

6901854 - Existing NetCDF files

File : 6901854\_Rtraj.nc - 6901854\_meta.nc - 6901854\_tech.nc -

6902583 - Existing NetCDF files

File : 6902583\_Rtraj.nc - 6902583\_meta.nc -

6902678 - Existing NetCDF files

File : 6902678\_Rtraj.nc - 6902678\_meta.nc -

6902685 - Existing NetCDF files

File : 6902685\_Rtraj.nc - 6902685\_meta.nc - 6902685\_tech.nc -

6902741 - Existing NetCDF files

File : 6902741\_Rtraj.nc - 6902741\_meta.nc - 6902741\_tech.nc -

6903181 - Existing NetCDF files

File : 6903181\_Rtraj.nc - 6903181\_meta.nc -

6903185 - Existing NetCDF files

File : 6903185\_Rtraj.nc - 6903185\_meta.nc -

6903193 - Existing NetCDF files

File : 6903193\_Rtraj.nc - 6903193\_meta.nc -

6903226 - Existing NetCDF files

File : 6903226\_Rtraj.nc - 6903226\_meta.nc

6903807 - Existing NetCDF files

File : 6903807\_Rtraj.nc - 6903807\_meta.nc

6903827 - Existing NetCDF files

6903827\_Rtraj.nc - 6903827\_meta.nc -

7900349 - Existing NetCDF files

File : 7900349\_Rtraj.nc - 7900349\_meta.nc - 7900349\_tech.nc

**8.4. CSIO**

**GDAC (missing nc files)**

**For some floats :**

- multiprof.nc - is missing (no profiles but tech, traj, meta exist)

**See below the list of floats with existing nc files :**

**DAC name : csio – Number of floats : 542**

2901498 - Existing NetCDF files

File : 2901498\_Rtraj.nc - 2901498\_meta.nc - 2901498\_tech.nc -

2901505 - Existing NetCDF files

File : 2901505\_Rtraj.nc - 2901505\_meta.nc - 2901505\_tech.nc

**8.5. CSIRO**

**GDAC (missing nc files)**

## MAINLY TRAJECTORY FILE MISSING

### For some floats :

- traj.nc - is missing (only meta.nc - , tech.nc - and prof.nc - files)

### See below the list of floats with existing nc files :

#### DAC name : csiro – Number of floats : 1164

1901746 - Existing NetCDF files

File : 1901746\_meta.nc - 1901746\_prof.nc - 1901746\_tech.nc -

3901467 - Existing NetCDF files

File : 3901467\_meta.nc - 3901467\_prof.nc - 3901467\_tech.nc -

5904221 - Existing NetCDF files

File : 5904221\_meta.nc - 5904221\_prof.nc - 5904221\_tech.nc -

5904224 - Existing NetCDF files

File : 5904224\_meta.nc - 5904224\_prof.nc - 5904224\_tech.nc -

5904226 - Existing NetCDF files

File : 5904226\_meta.nc - 5904226\_prof.nc - 5904226\_tech.nc -

5904916 - Existing NetCDF files

File : 5904916\_meta.nc - 5904916\_prof.nc - 5904916\_tech.nc -

5904917 - Existing NetCDF files

File : 5904917\_meta.nc - 5904917\_prof.nc - 5904917\_tech.nc -

5904922 - Existing NetCDF files

File : 5904922\_meta.nc - 5904922\_prof.nc - 5904922\_tech.nc -

5904925 - Existing NetCDF files

File : 5904925\_meta.nc - 5904925\_prof.nc - 5904925\_tech.nc -

5905410 - Existing NetCDF files

File : 5905410\_meta.nc - 5905410\_prof.nc - 5905410\_tech.nc -

5905411 - Existing NetCDF files

File : 5905411\_meta.nc - 5905411\_prof.nc - 5905411\_tech.nc -

5905412 - Existing NetCDF files

File : 5905412\_meta.nc - 5905412\_prof.nc - 5905412\_tech.nc -

5905413 - Existing NetCDF files

File : 5905413\_meta.nc - 5905413\_prof.nc - 5905413\_tech.nc -

5905419 - Existing NetCDF files

File : 5905419\_meta.nc - 5905419\_prof.nc - 5905419\_tech.nc -

5905420 - Existing NetCDF files

File : 5905420\_meta.nc - 5905420\_prof.nc - 5905420\_tech.nc -

5905421 - Existing NetCDF files

File : 5905421\_meta.nc - 5905421\_prof.nc - 5905421\_tech.nc -

5905430 - Existing NetCDF files

File : 5905430\_meta.nc - 5905430\_prof.nc - 5905430\_tech.nc -

5905468 - Existing NetCDF files

File : 5905468\_Rtraj.nc - 5905468\_meta.nc - 5905468\_tech.nc -

7900331 - Existing NetCDF files

File : 7900331\_Rtraj.nc - 7900331\_meta.nc - 7900331\_tech.nc -

7900639 - Existing NetCDF files

File : 7900639\_meta.nc - 7900639\_prof.nc - 7900639\_tech.nc -

7900640 - Existing NetCDF files

File : 7900640\_meta.nc - 7900640\_prof.nc - 7900640\_tech.nc -

7900642 - Existing NetCDF files

File : 7900642\_meta.nc - 7900642\_prof.nc - 7900642\_tech.nc -

## 8.6. INCOIS

### For some floats :

- tech.nc - is missing (meta.nc - , traj.nc - and prof.nc - files existing)
- traj.nc - is missing (meta, prof, tech existing)
- multiprof.nc - is missing (no profiles but tech, traj, meta exist)

### See below the list of floats with existing nc files :

#### DAC name : incois – Number of floats : 537

1902669 - Existing NetCDF files

File : 1902669\_meta.nc - 1902669\_prof.nc - 1902669\_tech.nc -

1902670 - Existing NetCDF files

File : 1902670\_meta.nc - 1902670\_prof.nc - 1902670\_tech.nc -

1902671 - Existing NetCDF files

File : 1902671\_meta.nc - 1902671\_prof.nc - 1902671\_tech.nc -

1902672 - Existing NetCDF files

File : 1902672\_meta.nc - 1902672\_prof.nc - 1902672\_tech.nc -

1902673 - Existing NetCDF files

File : 1902673\_meta.nc - 1902673\_prof.nc - 1902673\_tech.nc -

1902674 - Existing NetCDF files

File : 1902674\_meta.nc - 1902674\_prof.nc - 1902674\_tech.nc -

1902675 - Existing NetCDF files

File : 1902675\_meta.nc - 1902675\_prof.nc - 1902675\_tech.nc -

1902676 - Existing NetCDF files

File : 1902676\_meta.nc - 1902676\_prof.nc - 1902676\_tech.nc -

1902677 - Existing NetCDF files  
File : 1902677\_meta.nc - 1902677\_prof.nc - 1902677\_tech.nc -

2900268 - Existing NetCDF files  
File : 2900268\_Rtraj.nc - 2900268\_meta.nc - 2900268\_prof.nc -

2900275 - Existing NetCDF files  
File : 2900275\_Rtraj.nc - 2900275\_meta.nc - 2900275\_prof.nc -

2900767 - Existing NetCDF files  
File : 2900767\_meta.nc - 2900767\_prof.nc - 2900767\_tech.nc -

2901316 - Existing NetCDF files  
File : 2901316\_meta.nc - 2901316\_prof.nc -

2902126 - Existing NetCDF files  
File : 2902126\_Rtraj.nc - 2902126\_meta.nc - 2902126\_tech.nc -

2902229 - Existing NetCDF files  
File : 2902229\_meta.nc - 2902229\_prof.nc - 2902229\_tech.nc -

2902230 - Existing NetCDF files  
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2902231 - Existing NetCDF files  
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2902232 - Existing NetCDF files  
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2902233 - Existing NetCDF files  
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2902234 - Existing NetCDF files  
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2902236 - Existing NetCDF files  
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2902246 - Existing NetCDF files  
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2902248 - Existing NetCDF files  
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2902249 - Existing NetCDF files  
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2902250 - Existing NetCDF files  
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2902251 - Existing NetCDF files  
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2902252 - Existing NetCDF files  
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2902253 - Existing NetCDF files  
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3902573 - Existing NetCDF files

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6990610 - Existing NetCDF files

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6990616 - Existing NetCDF files

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6990617 - Existing NetCDF files

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6990618 - Existing NetCDF files

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7901125 - Existing NetCDF files

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7901126 - Existing NetCDF files

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7901127 - Existing NetCDF files

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7901128 - Existing NetCDF files

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7901130 - Existing NetCDF files

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7901131 - Existing NetCDF files

File : 7901131\_meta.nc - 7901131\_prof.nc - 7901131\_tech.nc -



## 8.7. JMA

### Feedback sent by Wataru.(some months/years ago)

#### Checking of the status of each float.

-Deep NINJA: 14 floats in preparation for data release and profile files will be sent to GDACs

2902508	7900600	7900655
2902509	7900601	7900657
2902510	7900652	7900658
5904937	7900653	7900660
7900599	7900654	

-Others : 8 floats

need further investigation

For some floats :

- tech.nc - and/or traj.nc - are missing (only meta.nc - and prof.nc - files)
- traj.nc - is missing

See below the list of floats with existing nc files :

**DAC name : jma – Number of floats : 1938**

1902074 - Existing NetCDF files

File : 1902074\_meta.nc - 1902074\_prof.nc -

1902075 - Existing NetCDF files

File : 1902075\_meta.nc - 1902075\_prof.nc -

1902332 - Existing NetCDF files

File : 1902332\_Sprof.nc - 1902332\_meta.nc - 1902332\_prof.nc -

1902333 - Existing NetCDF files

File : 1902333\_meta.nc - 1902333\_prof.nc -

1902335 - Existing NetCDF files

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1902336 - Existing NetCDF files

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1902337 - Existing NetCDF files

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1902339 - Existing NetCDF files

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1902340 - Existing NetCDF files

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2901998 - Existing NetCDF files

File : 2901998\_meta.nc - 2901998\_prof.nc -

2902455 - Existing NetCDF files

File : 2902455\_meta.nc - 2902455\_tech.nc -

2902469 - Existing NetCDF files

File : 2902469\_meta.nc - 2902469\_tech.nc -

2902508 - Existing NetCDF files

File : 2902508\_meta.nc - 2902508\_prof.nc -

2902509 - Existing NetCDF files

File : 2902509\_meta.nc - 2902509\_prof.nc -

2902510 - Existing NetCDF files

File : 2902510\_meta.nc - 2902510\_prof.nc -

2902529 - Existing NetCDF files

File : 2902529\_Sprof.nc - 2902529\_meta.nc - 2902529\_prof.nc -

2902530 - Existing NetCDF files

File : 2902530\_Sprof.nc - 2902530\_meta.nc - 2902530\_prof.nc -

2902971 - Existing NetCDF files

File : 2902971\_meta.nc - 2902971\_prof.nc -

2902977 - Existing NetCDF files

File : 2902977\_Rtraj.nc - 2902977\_meta.nc - 2902977\_tech.nc -

2902978 - Existing NetCDF files

File : 2902978\_Rtraj.nc - 2902978\_meta.nc - 2902978\_tech.nc -

2903005 - Existing NetCDF files

File : 2903005\_meta.nc - 2903005\_prof.nc -

2903006 - Existing NetCDF files

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2903007 - Existing NetCDF files

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2903008 - Existing NetCDF files

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2903009 - Existing NetCDF files

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2903010 - Existing NetCDF files

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2903011 - Existing NetCDF files

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2903012 - Existing NetCDF files

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2903013 - Existing NetCDF files

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2903014 - Existing NetCDF files

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2903165 - Existing NetCDF files  
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2903166 - Existing NetCDF files  
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2903167 - Existing NetCDF files  
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2903168 - Existing NetCDF files  
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2903169 - Existing NetCDF files  
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2903170 - Existing NetCDF files  
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2903171 - Existing NetCDF files  
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2903209 - Existing NetCDF files  
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2903210 - Existing NetCDF files  
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2903211 - Existing NetCDF files  
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2903212 - Existing NetCDF files  
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2903213 - Existing NetCDF files  
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2903327 - Existing NetCDF files  
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2903330 - Existing NetCDF files  
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2903346 - Existing NetCDF files  
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File : 3902389\_meta.nc - 3902389\_prof.nc -

3902390 - Existing NetCDF files  
File : 3902390\_meta.nc - 3902390\_prof.nc -

3902392 - Existing NetCDF files  
File : 3902392\_meta.nc - 3902392\_prof.nc -

3902393 - Existing NetCDF files  
File : 3902393\_meta.nc - 3902393\_prof.nc -

3902394 - Existing NetCDF files  
File : 3902394\_meta.nc - 3902394\_prof.nc -

4900293 - Existing NetCDF files  
File : 4900293\_Rtraj.nc - 4900293\_meta.nc - 4900293\_tech.nc -

4902378 - Existing NetCDF files  
File : 4902378\_meta.nc - 4902378\_prof.nc -

4902380 - Existing NetCDF files  
File : 4902380\_meta.nc - 4902380\_prof.nc -

4902981 - Existing NetCDF files  
File : 4902981\_Rtraj.nc - 4902981\_meta.nc - 4902981\_prof.nc -

4902982 - Existing NetCDF files  
File : 4902982\_meta.nc - 4902982\_prof.nc -

4902983 - Existing NetCDF files  
File : 4902983\_meta.nc - 4902983\_prof.nc -

4902984 - Existing NetCDF files  
File : 4902984\_meta.nc - 4902984\_prof.nc -

4902985 - Existing NetCDF files  
File : 4902985\_meta.nc - 4902985\_prof.nc -

4902986 - Existing NetCDF files  
File : 4902986\_meta.nc - 4902986\_prof.nc -

4902987 - Existing NetCDF files  
File : 4902987\_meta.nc - 4902987\_prof.nc -

4902988 - Existing NetCDF files  
File : 4902988\_meta.nc - 4902988\_prof.nc -

4902989 - Existing NetCDF files  
File : 4902989\_meta.nc - 4902989\_prof.nc -

4902990 - Existing NetCDF files  
File : 4902990\_Sprof.nc - 4902990\_meta.nc - 4902990\_prof.nc -

4902991 - Existing NetCDF files  
File : 4902991\_meta.nc - 4902991\_prof.nc -

4902992 - Existing NetCDF files  
File : 4902992\_meta.nc - 4902992\_prof.nc -

4903607 - Existing NetCDF files  
File : 4903607\_meta.nc - 4903607\_prof.nc -

4903608 - Existing NetCDF files  
File : 4903608\_meta.nc - 4903608\_prof.nc -

4903609 - Existing NetCDF files  
File : 4903609\_meta.nc - 4903609\_prof.nc -

5900277 - Existing NetCDF files  
File : 5900277\_meta.nc - 5900277\_tech.nc -

5901582 - Existing NetCDF files  
File : 5901582\_meta.nc - 5901582\_prof.nc - 5901582\_tech.nc -

5901937 - Existing NetCDF files  
File : 5901937\_Rtraj.nc - 5901937\_meta.nc - 5901937\_prof.nc -

5904937 - Existing NetCDF files  
File : 5904937\_meta.nc - 5904937\_prof.nc -

5905062 - Existing NetCDF files  
File : 5905062\_Sprof.nc - 5905062\_meta.nc - 5905062\_prof.nc -

5905063 - Existing NetCDF files  
File : 5905063\_meta.nc - 5905063\_prof.nc -

5905218 - Existing NetCDF files  
File : 5905218\_Sprof.nc - 5905218\_meta.nc - 5905218\_prof.nc -

5905223 - Existing NetCDF files  
File : 5905223\_Sprof.nc - 5905223\_meta.nc - 5905223\_prof.nc -

5905224 - Existing NetCDF files  
File : 5905224\_meta.nc - 5905224\_prof.nc -

5905225 - Existing NetCDF files  
File : 5905225\_meta.nc - 5905225\_prof.nc -

5905226 - Existing NetCDF files  
File : 5905226\_meta.nc - 5905226\_prof.nc -

5905227 - Existing NetCDF files



5905876 - Existing NetCDF files  
File : 5905876\_meta.nc - 5905876\_prof.nc -

5905877 - Existing NetCDF files  
File : 5905877\_meta.nc - 5905877\_prof.nc -

5905878 - Existing NetCDF files  
File : 5905878\_meta.nc - 5905878\_prof.nc -

5905879 - Existing NetCDF files  
File : 5905879\_meta.nc - 5905879\_prof.nc -

5905880 - Existing NetCDF files  
File : 5905880\_meta.nc - 5905880\_prof.nc -

5905881 - Existing NetCDF files  
File : 5905881\_meta.nc - 5905881\_prof.nc -

5905882 - Existing NetCDF files  
File : 5905882\_meta.nc - 5905882\_prof.nc -

5905883 - Existing NetCDF files  
File : 5905883\_meta.nc - 5905883\_prof.nc -

5906384 - Existing NetCDF files  
File : 5906384\_meta.nc - 5906384\_prof.nc -

5906385 - Existing NetCDF files  
File : 5906385\_meta.nc - 5906385\_prof.nc -

5906386 - Existing NetCDF files  
File : 5906386\_meta.nc - 5906386\_prof.nc -

5906387 - Existing NetCDF files  
File : 5906387\_meta.nc - 5906387\_prof.nc -

5906388 - Existing NetCDF files  
File : 5906388\_meta.nc - 5906388\_prof.nc -

5906389 - Existing NetCDF files  
File : 5906389\_meta.nc - 5906389\_prof.nc -

5906390 - Existing NetCDF files  
File : 5906390\_meta.nc - 5906390\_prof.nc -

5906391 - Existing NetCDF files  
File : 5906391\_meta.nc - 5906391\_prof.nc -

5906392 - Existing NetCDF files  
File : 5906392\_meta.nc - 5906392\_prof.nc -

5906393 - Existing NetCDF files  
File : 5906393\_meta.nc - 5906393\_prof.nc -

5906594 - Existing NetCDF files  
File : 5906594\_meta.nc - 5906594\_prof.nc -

5906595 - Existing NetCDF files  
File : 5906595\_meta.nc - 5906595\_prof.nc -

5906596 - Existing NetCDF files  
File : 5906596\_Sprof.nc - 5906596\_meta.nc - 5906596\_prof.nc -

5906597 - Existing NetCDF files  
File : 5906597\_Sprof.nc - 5906597\_meta.nc - 5906597\_prof.nc -

5906598 - Existing NetCDF files  
File : 5906598\_meta.nc - 5906598\_prof.nc -

5906599 - Existing NetCDF files  
File : 5906599\_meta.nc - 5906599\_prof.nc -

5906600 - Existing NetCDF files  
File : 5906600\_meta.nc - 5906600\_prof.nc -

7900024 - Existing NetCDF files  
File : 7900024\_Rtraj.nc - 7900024\_meta.nc - 7900024\_tech.nc -

7900025 - Existing NetCDF files  
File : 7900025\_Rtraj.nc - 7900025\_meta.nc - 7900025\_tech.nc -

7900599 - Existing NetCDF files  
File : 7900599\_meta.nc - 7900599\_prof.nc -

7900600 - Existing NetCDF files  
File : 7900600\_meta.nc - 7900600\_prof.nc -

7900601 - Existing NetCDF files  
File : 7900601\_meta.nc - 7900601\_prof.nc -

7900652 - Existing NetCDF files  
File : 7900652\_meta.nc - 7900652\_prof.nc -

7900653 - Existing NetCDF files  
File : 7900653\_meta.nc - 7900653\_prof.nc -

7900654 - Existing NetCDF files  
File : 7900654\_meta.nc - 7900654\_prof.nc -

7900655 - Existing NetCDF files  
File : 7900655\_meta.nc - 7900655\_prof.nc -

7900657 - Existing NetCDF files  
File : 7900657\_meta.nc - 7900657\_prof.nc -

7900658 - Existing NetCDF files  
File : 7900658\_meta.nc - 7900658\_prof.nc -

7900660 - Existing NetCDF files  
File : 7900660\_meta.nc - 7900660\_prof.nc -

7900691 - Existing NetCDF files  
File : 7900691\_meta.nc - 7900691\_prof.nc -

7900863 - Existing NetCDF files  
File : 7900863\_Sprof.nc - 7900863\_meta.nc - 7900863\_prof.nc -

7900864 - Existing NetCDF files  
File : 7900864\_meta.nc - 7900864\_prof.nc -

7900866 - Existing NetCDF files  
File : 7900866\_meta.nc - 7900866\_prof.nc -

7900868 - Existing NetCDF files  
File : 7900868\_meta.nc - 7900868\_prof.nc -

7900872 - Existing NetCDF files  
File : 7900872\_meta.nc - 7900872\_prof.nc -

7900873 - Existing NetCDF files  
File : 7900873\_meta.nc - 7900873\_prof.nc -

7900877 - Existing NetCDF files  
File : 7900877\_meta.nc - 7900877\_prof.nc -

7900874 - Existing NetCDF files  
File : 7900874\_Sprof.nc - 7900874\_meta.nc - 7900874\_prof.nc -

7900878 - Existing NetCDF files  
File : 7900878\_Sprof.nc - 7900878\_meta.nc - 7900878\_prof.nc -

7900875 - Existing NetCDF files  
File : 7900875\_Sprof.nc - 7900875\_meta.nc - 7900875\_prof.nc -

7900879 - Existing NetCDF files  
File : 7900879\_meta.nc - 7900879\_prof.nc -

7900876 - Existing NetCDF files  
File : 7900876\_meta.nc - 7900876\_prof.nc -

7900881 - Existing NetCDF files  
File : 7900881\_Sprof.nc - 7900881\_meta.nc - 7900881\_prof.n

## 8.8. KMA

### For some floats :

- tech.nc - is missing (meta.nc - , traj.nc - and prof.nc - files existing)
- multiprof.nc - is missing (no profiles but tech, traj, meta exist)

### See below the list of floats with existing nc files :

#### DAC name : kma – Number of floats : 264

1902661 - Existing NetCDF files  
File : 1902661\_Rtraj.nc - 1902661\_meta.nc - 1902661\_prof.nc -

2901213 - Existing nc files  
File : 2901213\_Rtraj.nc - 2901213\_meta.nc - 2901213\_prof.nc

2901731 - Existing nc files  
File : 2901731\_meta.nc - 2901731\_prof.nc

2901806 - Existing NetCDF files  
File : 2901806\_Rtraj.nc - 2901806\_meta.nc - 2901806\_prof.nc

2901807 - Existing NetCDF files  
File : 2901807\_Rtraj.nc - 2901807\_meta.nc - 2901807\_prof.nc

2901808 - Existing NetCDF files  
File : 2901808\_Rtraj.nc - 2901808\_meta.nc - 2901808\_prof.nc

2901809 - Existing NetCDF files  
File : 2901809\_Rtraj.nc - 2901809\_meta.nc - 2901809\_prof.nc

2901810 - Existing NetCDF files  
File : 2901810\_Rtraj.nc - 2901810\_meta.nc - 2901810\_prof.nc

2901811 - Existing NetCDF files  
File : 2901811\_Rtraj.nc - 2901811\_meta.nc - 2901811\_prof.nc

3902565 - Existing NetCDF files  
File : 3902565\_Rtraj.nc - 3902565\_meta.nc - 3902565\_prof.nc -

5907069 - Existing NetCDF files  
File : 5907069\_Rtraj.nc - 5907069\_meta.nc - 5907069\_prof.nc -

6990596 - Existing NetCDF files  
File : 6990596\_Rtraj.nc - 6990596\_meta.nc - 6990596\_prof.nc -

6990597 - Existing NetCDF files  
File : 6990597\_Rtraj.nc - 6990597\_meta.nc - 6990597\_prof.nc

## 8.9. KORDI/KIOST

### For some floats :

- tech.nc - is missing (meta.nc - , traj.nc - and prof.nc - files existing)
- only meta and traj files (no monopofile, no tech.nc - )

### See below the list of floats with existing nc files :

#### DAC name : kiost – Number of floats : 120

2901779 - Existing NetCDF files  
File : 2901779\_meta.nc - 2901779\_prof.nc - 2901779\_tech.nc

2901780 - Existing NetCDF files  
File : 2901780\_meta.nc - 2901780\_prof.nc - 2901780\_tech.nc

2901805 - Existing NetCDF files

File : 2901805\_meta.nc - 2901805\_prof.nc - 2901805\_tech.nc

3902470 - Existing NetCDF files  
File : 3902470\_meta.nc - 3902470\_prof.nc - 3902470\_tech.nc

4903636 - Existing NetCDF files  
File : 4903636\_meta.nc - 4903636\_prof.nc - 4903636\_tech.nc

4903637 - Existing NetCDF files  
File : 4903637\_meta.nc - 4903637\_prof.nc - 4903637\_tech.nc

4903764 - Existing NetCDF files  
File : 4903764\_meta.nc - 4903764\_prof.nc - 4903764\_tech.nc -

4903787 - Existing NetCDF files  
File : 4903787\_meta.nc - 4903787\_prof.nc - 4903787\_tech.nc -

5906968 - Existing NetCDF files  
File : 5906968\_meta.nc - 5906968\_prof.nc - 5906968\_tech.nc

5907095 - Existing NetCDF files  
File : 5907095\_meta.nc - 5907095\_prof.nc - 5907095\_tech.nc -

6990599 - Existing NetCDF files  
File : 6990599\_meta.nc - 6990599\_prof.nc - 6990599\_tech.nc -

6990626 - Existing NetCDF files  
File : 6990626\_meta.nc - 6990626\_prof.nc - 6990626\_tech.nc -

7901012 - Existing NetCDF files  
File : 7901012\_meta.nc - 7901012\_prof.nc - 7901012\_tech.nc

## 8.10. MEDS

For some floats :

- 

See below the list of floats with existing nc files :

DAC name : meds – Number of floats : 698

## 8.11. NMDIS

For some floats :

- 

See below the list of floats with existing nc files :

DAC name : nmdis – Number of floats : 19