# GDAC Float Anomalies Monitoring

## October 2024


## Christine Coatanoan-Girou


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.**

**June 2024**

**In the Coriolis database, priority is now given to synthetic profiles, so alerts are initially based on these profile types, and changes have been made to the message types. At present, DACs receive messages whose content is identical but individualized by float, so you receive as many messages as floats treated in an alert. We are working on the possibility of generating messages as they were before.**

**July 2024**

**CORA (COriolis Re-Analysis) feedback on all Argo data available in the Coriolis database has been updated in the Coriolis database, resulting in an increase in the number of anomalies in July 2024 (17th). High values may indicate that corrections have not been applied to the profiles from the minmax feedback and that they have been resubmitted to GDAC (and are too old to be detected by the MinMax in real time). The other corrections come from work carried out by the OceanScope team.**

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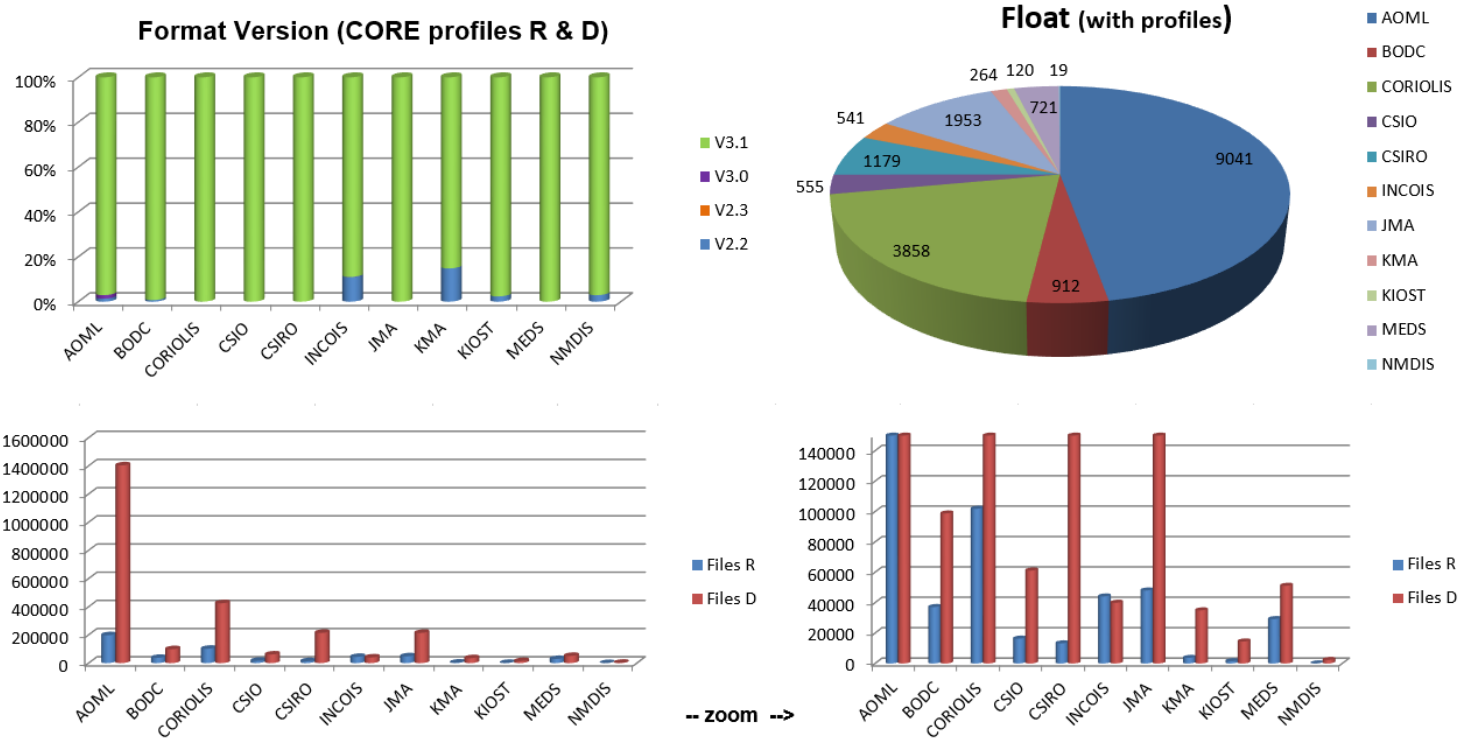
## 1. Anomalies of Argo profiles – Suspected drift

This table shows a list of floats showing a suspected drift/bias, observed in the last 2 months, last month for new. (feedback from Coriolis)

| DAC | WMO | PI | First station in alert | First cycle in alert | Last Station in alert | Last cycle in alert | QC level in RT in Coriolis DB | Description | SENSOR_MODEL | SERIAL_NU | Failure_Type for Coriolis DB (1-drift, 2-bias, 3-weird, 4-wrecked, 5-pressure, 6-adjustement issue) | Comment<br>All drift mentions are SUSPICION<br>drift value mentions are visual impression<br>surrounding profiles = close in space (position diff < 2 degrees latitude/longitude) and in time (date diff < 5 years) | GreyList recommendation : PSAL/TEMP grey list, flag 3/4, from cycle N, PI/DM response: N/A" |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW | | | | | | | | | | | | | |
| AOML | 7902121 | STEPHEN RISER/KEN JOHNSON | 2024/10/17 | 1 | 2024/11/07 | 3 | 3 | GO-BGC | SBE41CP | 18688 | 2 | Bias from beginning ? | |
| BODC | 1901897 | Jon Turton | 2024/10/23 | 235 | | | 3 | Argo UK | SBE41_V3 | 5023 | 1 | Slight drift ? | |
| JMA | 5905848 | JAMSTEC | 2024/09/27 | 208 | 2024/11/05 | 210 | 3 | Argo eq. JAMSTEC | SBE61_V5.0.2 | 5699 | 1 | ASD ? | |
| PREVIOUS REPORTS | | [in last 2 months] | | | | | | | | | | | |
| AOML | 1902196 | GREGORY C.JOHNSON | 2024/09/23 | 229 | 2024/11/02 | 233 | 3 | Argo PMEL | SBE41CP | 09842 | 1 | Bad profiles, drift | |
| AOML | 2903465 | STEPHEN RISER/KEN JOHNSON | 2024/08/03 | 43 | 2024/11/01 | 52 | 3 | Argo US, GO-BGC | SBE41CP | 17682 | 1 | Slight drift ? | |
| AOML | 3901290 | GREGORY C. JOHNSON | 2023/12/05 | 255 | 2024/10/20 | 287 | 3 | Argo PMEL | SBE41CP | 08558 | 1 | Drift | |
| AOML | 3901304 | GREGORY C. JOHNSON | 2023/10/05 | 190 | 2024/11/10 | 230 | 3 | Argo PMEL | SBE41CP | 09960 | 1 | Drift | PSAL,3,197,N/A |
| AOML | 3902150 | GREGORY C. JOHNSON | 2022/09/21 | 134 | 2024/10/26 | 212 | 3 | Argo PMEL | SBE61 | 5716 | 1 | Drift, PSAL QC3 but PSAL_ADJUSTED (in deep levels) seems ok | PSAL,3,134,N/A |
| AOML | 4902929 | GREGORY C.JOHNSON | 2024/08/17 | 280 | 2024/11/07 | 288 | 3 | Argo PMEL | SBE41CP | 08801 | 1 | Slight drift | |
| AOML | 4903195 | GREGORY C. JOHNSON | 2023/06/10 | 155 | 2024/11/04 | 206 | 3 | Argo PMEL | SBE41CP | 11158 | 1 | Drift | PSAL,3,155,N/A |
| AOML | 4903200 | GREGORY C.JOHNSON | 2023/11/07 | 170 | 2024/10/12 | 204 | 3 & 4 | Argo PMEL | SBE41CP | 11073 | 1 | Drift | PSAL,3,170,N/A |
| AOML | 4903205 | GREGORY C.JOHNSON | 2024/04/22 | 180 | 2024/11/08 | 200 | 3 | Argo PMEL | SBE41CP | 11195 | 1 | Drift | |
| AOML | 4903206 | GREGORY C. JOHNSON | 2023/11/12 | 167 | 2024/11/06 | 203 | 3 | ArgoPMEL | SBE41CP | 11150 | 1 | Drift, ASD ? | |
| AOML | 4903207 | GREGORY C.JOHNSON | 2024/04/30 | 181 | 2024/11/09 | 200 | 3 | Argo PMEL | SBE41CP | 11200 | 1 | ASD ? | |
| AOML | 4903479 | SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS | 2024/06/06 | 59 | 2024/06/16 | 60 | 3 | Argo WHOI | SBE41CP | 14439 | 1 | Drift with jump ? | |
| AOML | 4903563 | SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS | 2023/11/25 | 23 | 2024/11/12 | 71 | 3 | Argo WHOI | SBE41CP | 16764 | 1 | Slight drift ? | |
| AOML | 5905301 | GREGORY C.JOHNSON | 2024/04/05 | 248 | 2024/09/12 | 264 | 3 | Argo PMEL | SBE41CP | 09152 | 1 | Slight drift | PSAL,3,248,N/A |
| AOML | 5905316 | GREGORY C. JOHNSON | 2021/07/26 | 108 | 2024/11/10 | 228 | 3 | Argo | SBE41CP | 09938 | 1 | Drift : PSAL ok but PSAL_ADJUSTED not good for first warning cycles, bad adjustment | |
| AOML | 5905668 | GREGORY C. JOHNSON | 2023/08/17 | 183 | 2024/11/12 | 228 | 3 | Argo PMEL | SBE41CP | 09940 | 1 | Drift, ASD | PSAL,3,183,N/A |
| AOML | 5905713 | Dean ROEMMICH | 2024/06/18 | 215 | 2024/09/25 | 225 | 3 | Argo SIO | SBE41CP | 10624 | 1 | Slight drift | |
| AOML | 5906087 | GREGORY C.JOHNSON | 2024/05/18 | 141 | 2024/11/07 | 158 | 3 | Argo PMEL | SBE41CP | 11136 | 1 | Jump, ASD ? | |
| AOML | 5906154 | GREGORY C.JOHNSON | 2023/11/09 | 163 | 2024/10/24 | 198 | 3 | Argo PMEL | SBE41CP | 11115 | 1 | Drift | |
| AOML | 5906246 | STEPHEN RISER/KEN JOHNSON | 2024/03/13 | 141 | 2024/11/04 | 165 | 3 | Argo UW-SOCCOM | SBE41CP | 11763 | 3 | Strange profiles | |
| AOML | 5906273 | STEPHEN RISER | 2024/06/03 | 140 | 2024/11/09 | 156 | 3 | Argo UW | SBE41CP | 10190 | 1 | Drift | |
| AOML | 5906526 | STEPHEN RISER/KEN JOHNSON | 2024/08/27 | 82 | 2024/10/28 | 88 | 3 | Argo UW-SOCCOM | SBE41CP | 13781 | 1 | Bad adjustement on PSAL_ADJUSTED | |
| AOML | 5906847 | GREGORY C. JOHNSON | 2024/01/14 | 0 | 2024/11/09 | 40 | 3 | Argo PMEL | SBE41CP | 19476 | 1 | Drift | |
| AOML | 7902004 | STEPHEN RISER | 2024/09/19 | 8 | 2024/11/10 | 13 | 3 | Argo UW | RBR_ARGO3 | 212804 | 1 | Slight drift | |
| AOML | 7902010 | STEPHEN RISER | 2024/08/22 | 5 | 2024/11/12 | 13 | 3 | US ARGO PROJECT | RBR_ARGO3 | 212796 | 1 | Slight drift ? | |
| INCOIS | 2902184 | M Ravichandran | 2023/03/05 | 270 | 2024/11/04 | 331 | 3 | Argo INDIA | SBE41CP | 6674 | 1 | Slight drift : this looks like bad data rather than a start of drift. I will check the next cycle when it comes in. I have set cycle 31 to QC=4 for PSAL. | |
| INCOIS | 2902185 | M Ravichandran | 2020/12/29 | 190 | 2024/11/08 | 331 | 3 | Indian Argo | SBE41CP | 6670 | 1 | | |
| INCOIS | 2902203 | M Ravichandran | 2024/06/04 | 302 | 2024/10/12 | 315 | 3 & 4 | Indian Argo | SBE41 | 7641 | 1 | ASD ? In grey list but still going through the dataflow with QC1 | |
| INCOIS | 2902213 | M Ravichandran | 2024/09/19 | 287 | 2024/10/09 | 289 | 3 | Indian Argo | SBE41 | 7638 | 1 | slight drift | |
| INCOIS | 2902222 | M Ravichandran | 2020/06/09 | 161 | 2024/11/10 | 286 | 3 | Indian Argo | SBE41 | 6672 | 1 | Drift | |
| INCOIS | 5907083 | M Ravichandran | 2023/09/19 | 1 | 2024/11/12 | 43 | 3 | Indian Argo | SBE41CP | 19140 | 1 | First cycle, drift comparing to behaviour profiles | |
| KORDI | 3902470 | Sung-Dae kim | 2022/10/13 | 1 | 2024/11/11 | 77 | 3 | Argo KIOST | SBE41CP | 16477 | 2 | Biais from beginning ? | |
| MEDS | 4902445 | Blair Greenan | 2022/12/23 | 165 | 2024/10/17 | 230 | 3 | Argo CANADA | SBE41CP | 41CP-10474 | 1 | Drift | |
| MEDS | 4902595 | Blair Greenan | 2022/10/21 | 19 | 2024/11/05 | 92 | 3 | Argo CANADA | SBE41CP | 41CP-13209 | 1 | Beginning of drift ? | |
| MEDS | 4902657 | Blair Greenan | 2024/04/30 | 2 | 2024/11/11 | 22 | 4 | Argo Canada | SBE41CP | 41-18179 | 3 | Bad profiles ? | |
| Floats on grey list since last month (from feedback and check of greylist index) | | | | | | | | | | | | | |
| AOML | 1902489 | NICHOLSON, WIJFFELS --> Grey List | 2024/05/11 | 1 | 2024/10/18 | 17 | 3 | GO-BGC, WHOI | SBE41CP | 18948 | 1 | Slight drift ? From beginning | |
| AOML | 4902921 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS --> Grey List | 2024/09/22 | 257 | 2024/10/02 | 258 | 3 | Argo WHOI | SBE41CP | 8653 | 1 | ASD ? | |
| AOML | 5906942 | Sarah PURKEY, Dean ROEMMICH, Nathalie ZILBERMAN, John GILSON --> Grey List | 2024/07/11 | 1 | 2024/10/24 | 17 | 3 | Argo SIO | SBE41CP | 13483 | 1 | Bias with drift ? | |
| BODC | 3901916 | Romain Cancouet -> Grey List | 2024/09/28 | 313 | | | 3 | | SBE41CP_V7.2.5 | 8291 | 1 | Was on greylist with an end_date, drift again ? | |
| CORIOLIS | 3901685 | Birgit KLEIN --> Grey List | 2024/09/10 | 191 | 2024/10/29 | 196 | 3 | Argo BSH | SBE41CP | 11976 | 1 | Slight drift | |

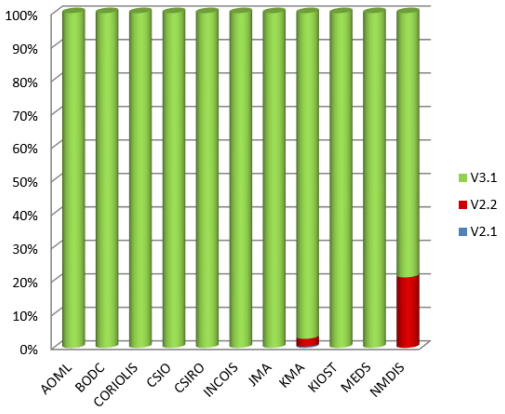
## 2. Statistics on floats and format version (End of October 2024)

**Plots showing format_version percentage, number of floats (*with profiles*), number of D and R files by DACs.**

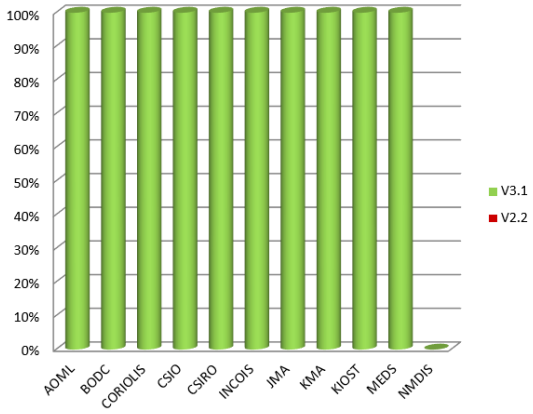



**Plots showing format_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.**

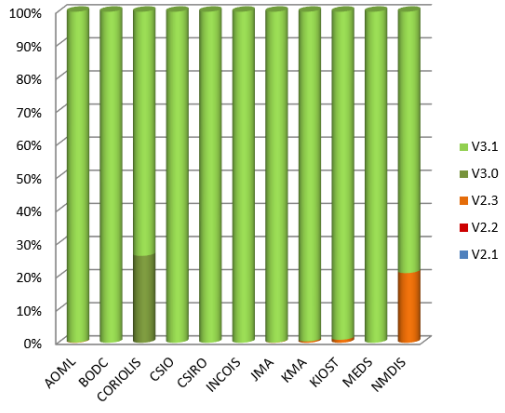
## Metadata Files - Dead floats



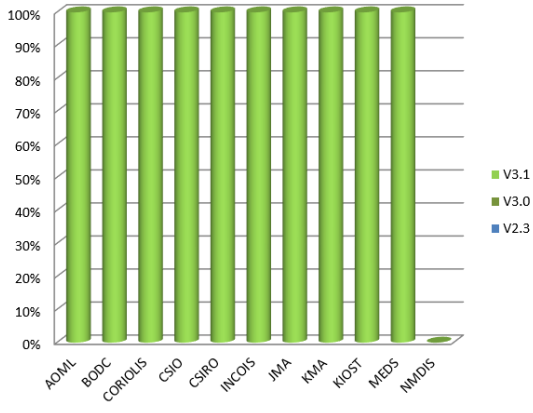

## Metadata Files - Active floats



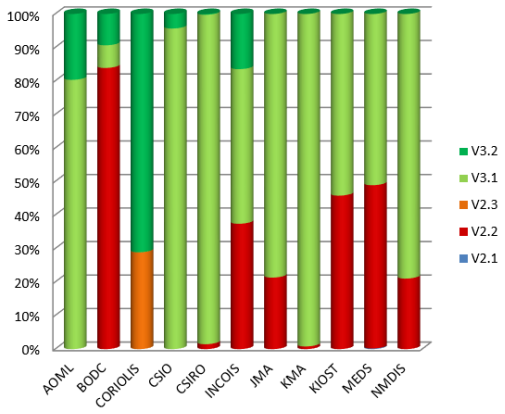

## Technical Files - Dead floats



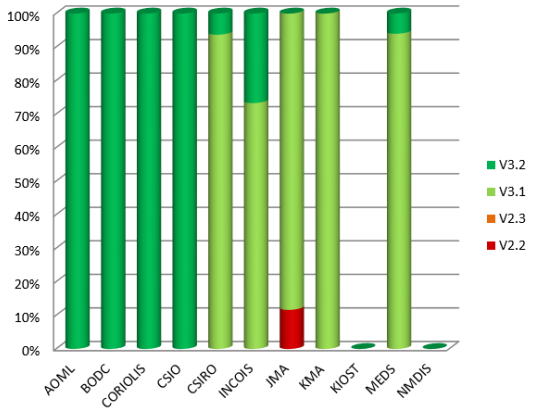

## Technical Files - Active floats



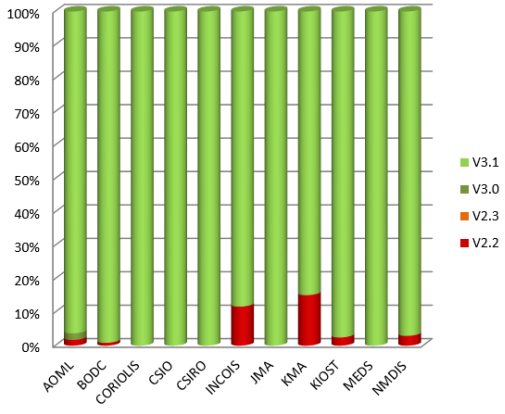

## Trajectory Files - Dead floats



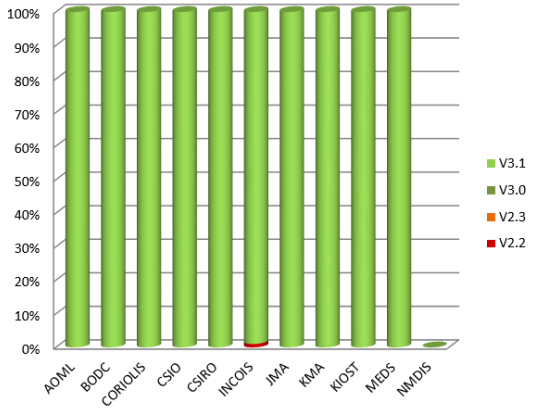

## Trajectory Files - Active floats



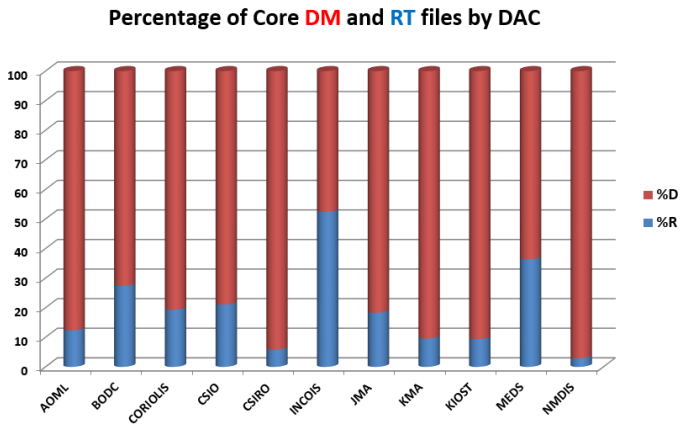

## Profile files - Dead floats




## Profile Files - Active floats



**Delayed mode percentage by DAC**

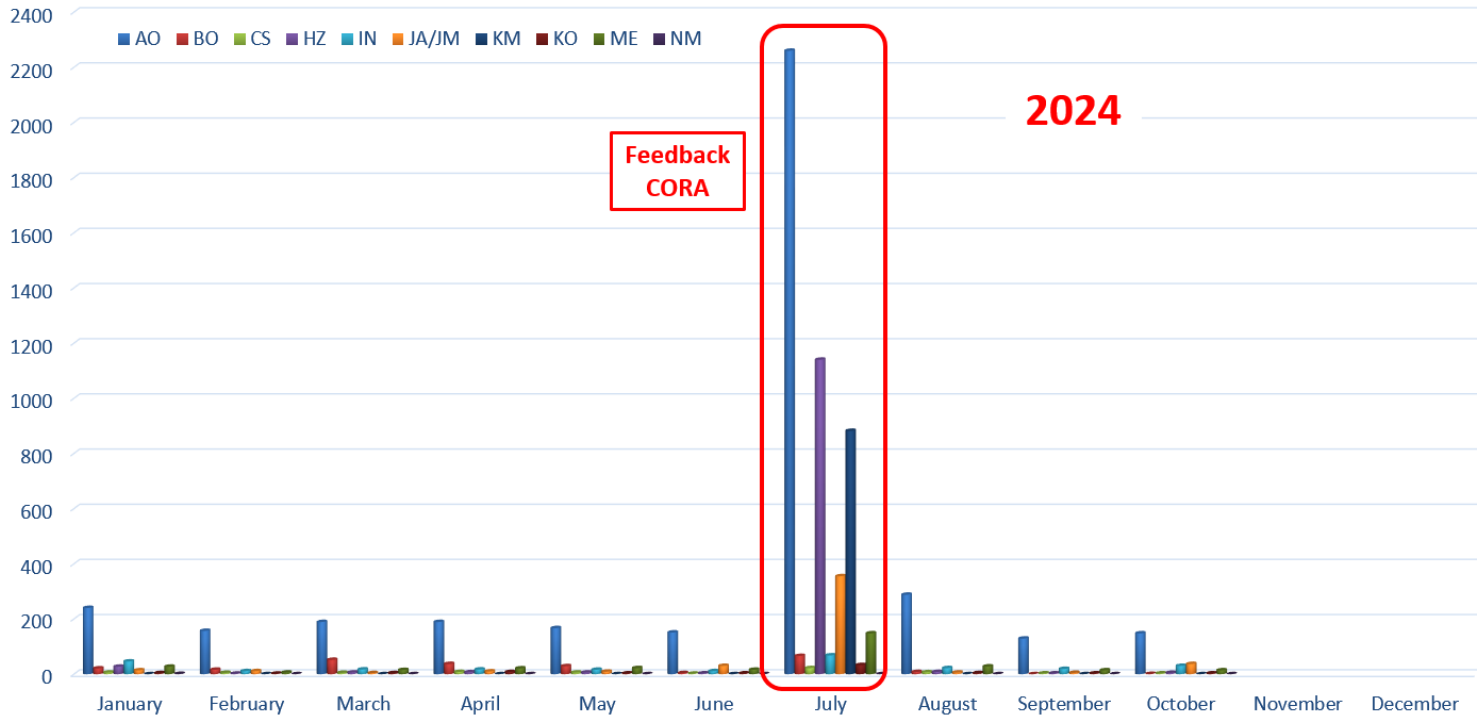



| DACS | %R | %D |
|---|---|---|
| AOML | 12,35 | 87,65 |
| BODC | 27,34 | 72,66 |
| CORIOLIS | 19,34 | 80,66 |
| CSIO | 21,09 | 78,91 |
| CSIRO | 5,82 | 94,18 |
| INCOIS | 52,44 | 47,56 |
| JMA | 18,32 | 81,68 |
| KMA | 9,61 | 90,39 |
| KIOST | 9,40 | 90,60 |
| MEDS | 36,37 | 63,63 |
| NMDIS | 2,93 | 97,07 |

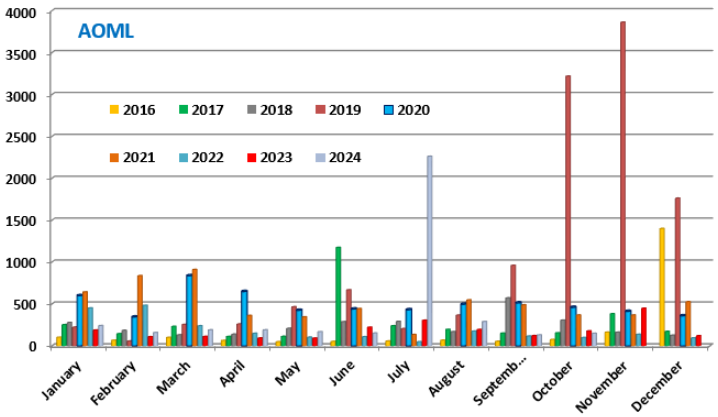
## 3. Statistics on Anomalies

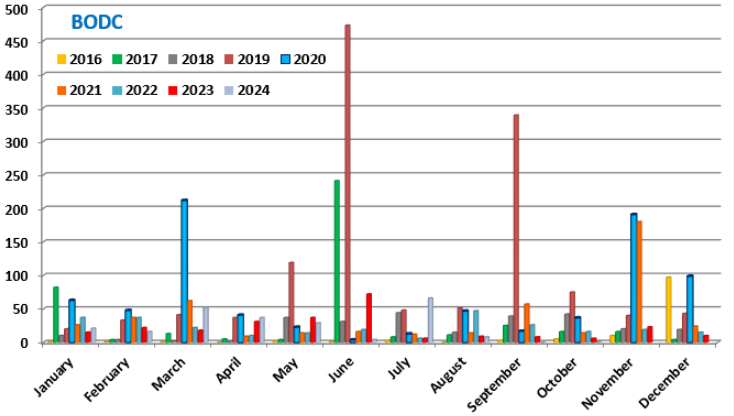
**Plots showing evolution of number of anomalies by DAC.**

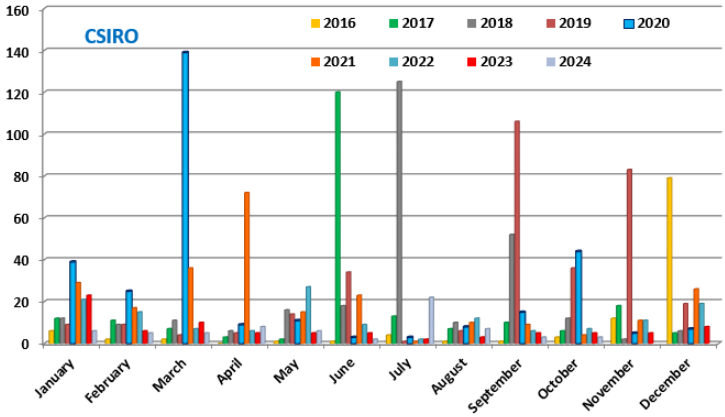
### 3.1. Year



## 3.2. DAC


AOML
2016
2017
2018
2019
2020
2021
2022
2023
2024
January
February
March
April
May
June
July
August
Septemb...
October
November
December


BODC
2016
2017
2018
2019
2020
2021
2022
2023
2024
January
February
March
April
May
June
July
August
September
October
November
December


CSIRO
2016
2017
2018
2019
2020
2021
2022
2023
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March
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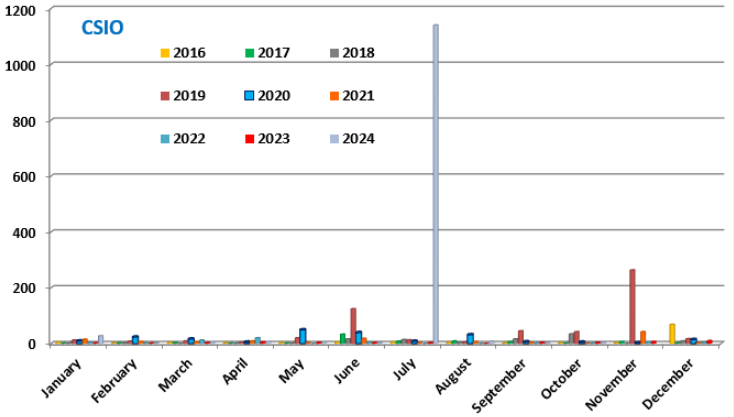
September
October
November
December


CSIO
2016
2017
2018
2019
2020
2021
2022
2023
2024
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March
April
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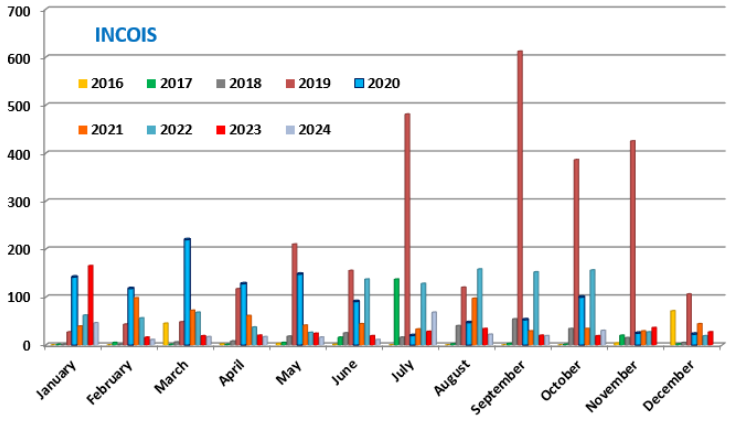
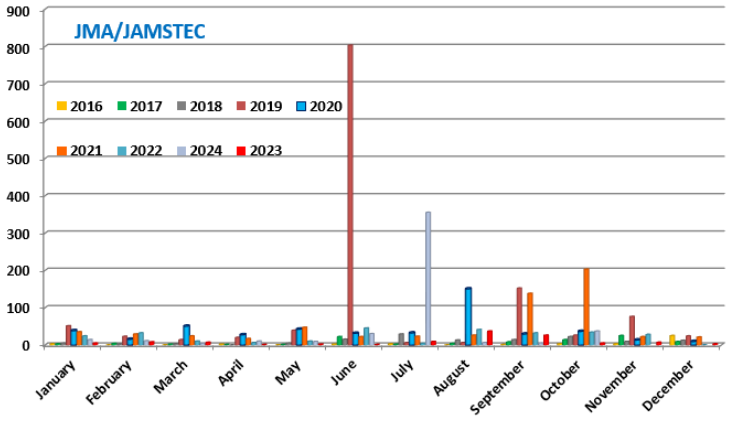
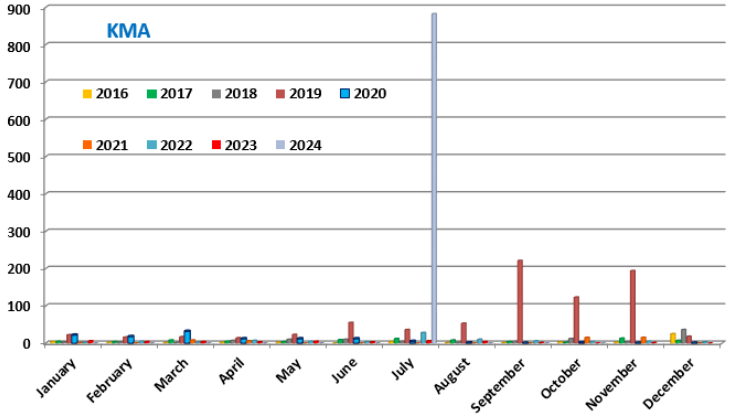
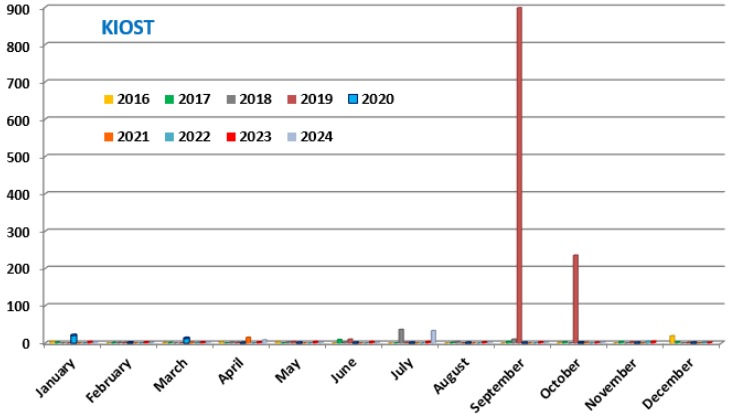
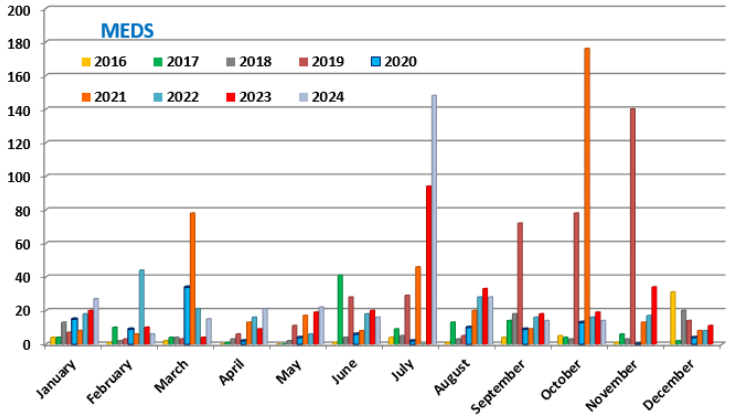
June
July
August
September
October
November
December

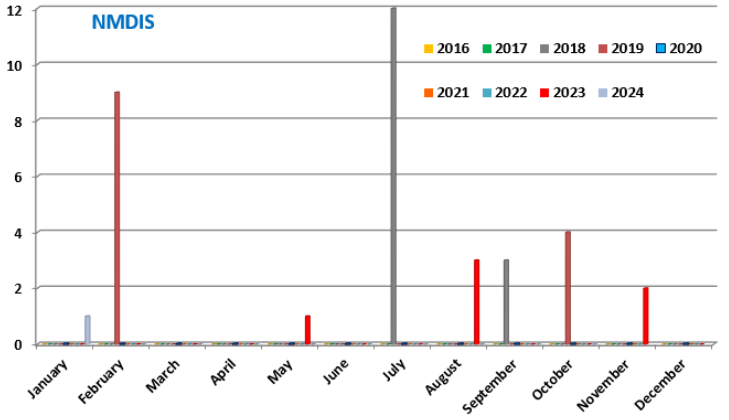

INCOIS
2016 2017 2018 2019 2020
2021 2022 2023 2024
0 100 200 300 400 500 600 700
January February March April May June July August September October November December


JMA/JAMSTEC
2016 2017 2018 2019 2020
2021 2022 2024 2023
0 100 200 300 400 500 600 700 800 900
January February March April May June July August September October November December

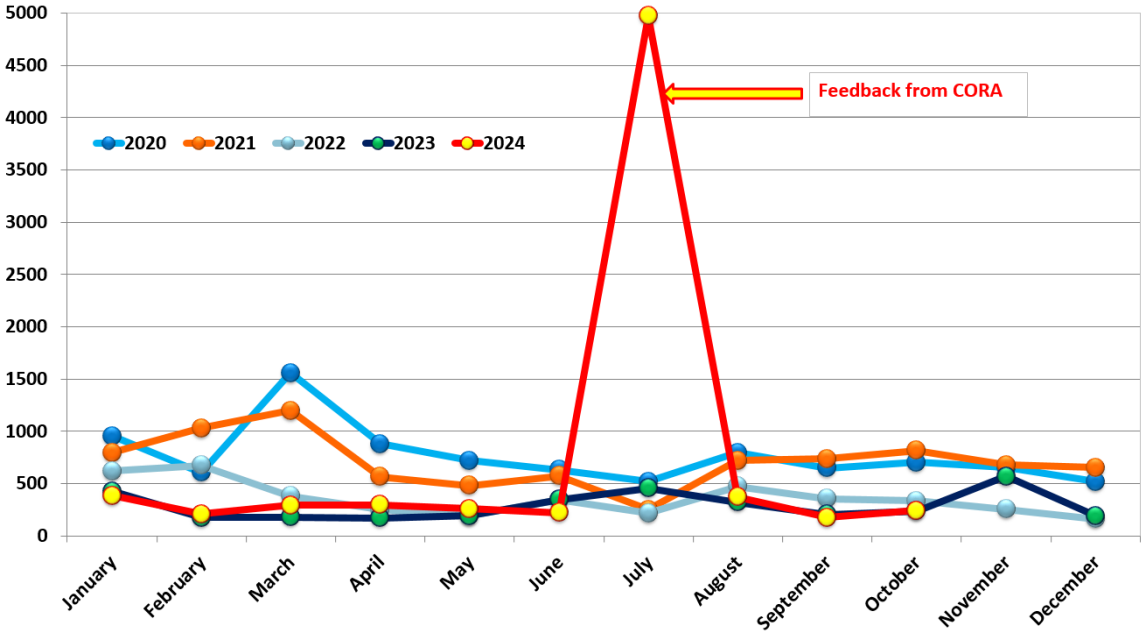

KMA
2016 2017 2018 2019 2020
2021 2022 2023 2024
0 100 200 300 400 500 600 700 800 900
January February March April May June July August September October November December


KIOST
2016 2017 2018 2019 2020
2021 2022 2023 2024
0 100 200 300 400 500 600 700 800 900
January February March April May June July August September October November December


MEDS
2016 2017 2018 2019 2020
2021 2022 2023 2024
0 20 40 60 80 100 120 140 160 180 200
January February March April May June July August September October November December


NMDIS
2016 2017 2018 2019 2020
2021 2022 2023 2024
0 2 4 6 8 10 12
January February March April May June July August September October November December

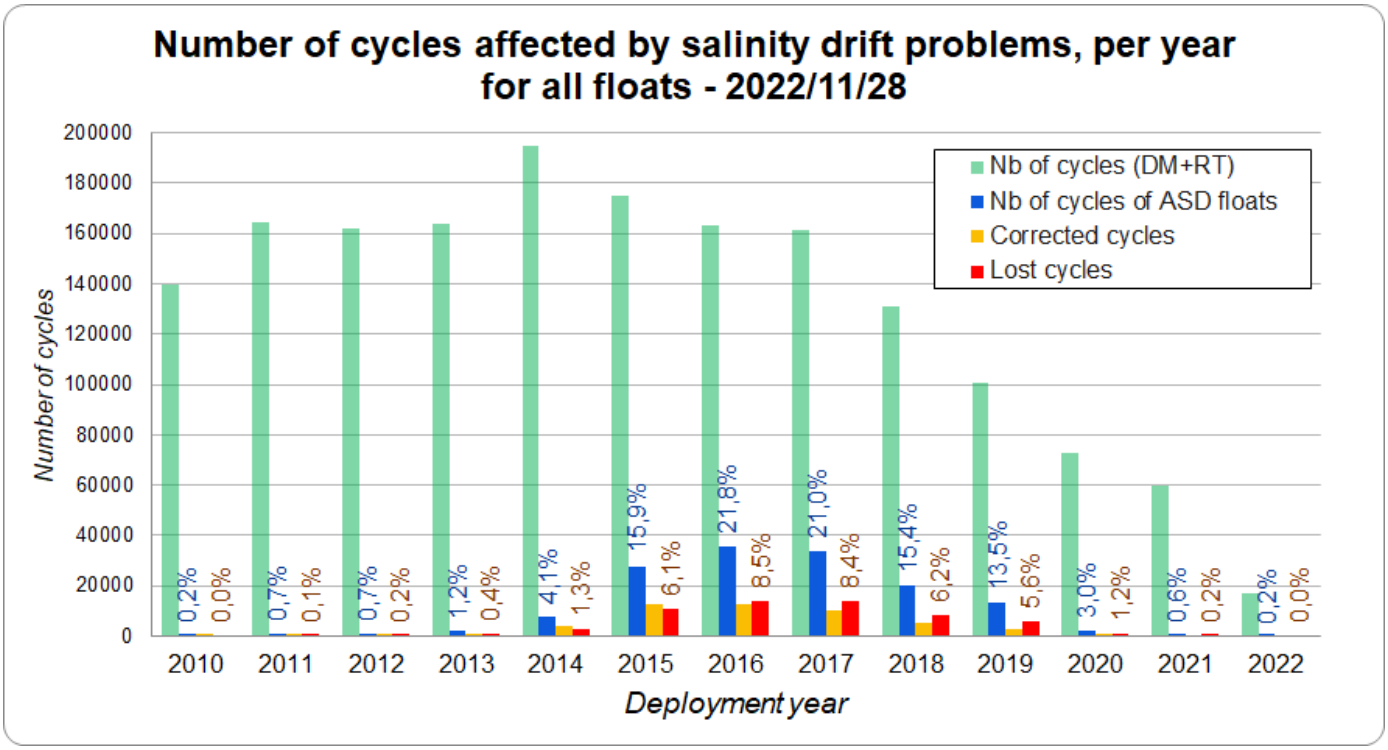
### 3.3. Anomalies by year, by month




## 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 :**

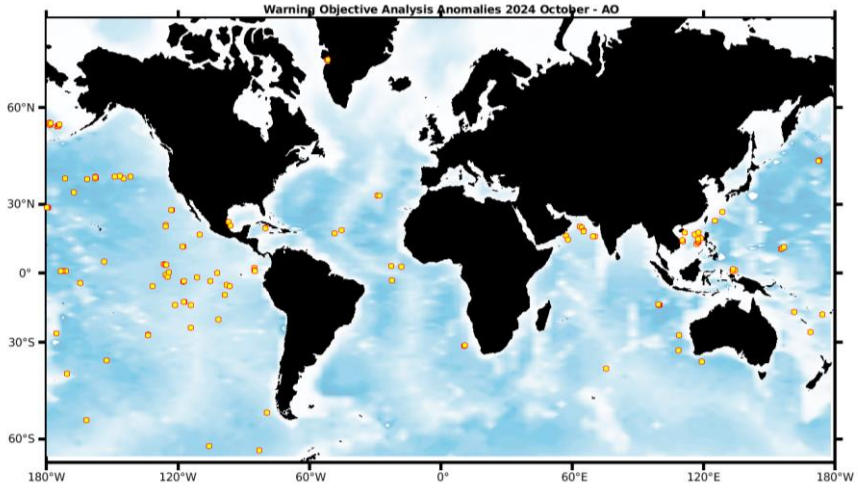
https://docs.google.com/spreadsheets/d/1TA7SAnTiUvCK7AyGtSTUq3gu9QFbVdONj9M9zAq8CJU/edit?pli=1#gid=0

## 5. DAC Anomalies

### 5.1. DAC AOML

Profiles detected by the objective analysis: 148 profiles (79 floats but floats can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|---|---|---|
| 21 cycles | 121 cycles | 6 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'**

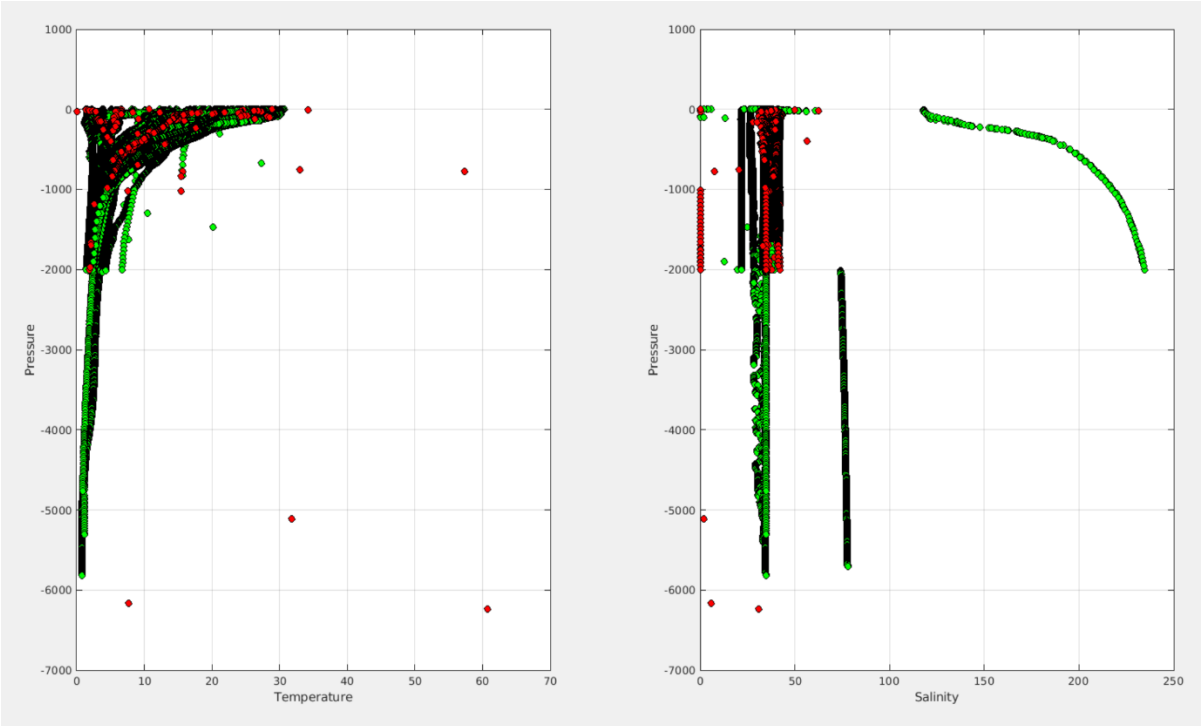
Float : 39016 - Cycle : 251 - PI : BOB MOLINARI - Data mode : R - Platform type : APEX - WMO inst type : 845 - FLOAT SERIAL : 69 - Date : 2007 6 12
Float : 1900438 - Cycle : 91 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3808 - Date : 2009 5 17
Float : 1900438 - Cycle : 115 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3808 - Date : 2009 7 3
Float : 1902049 - Cycle : 155 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8861 - Date : 2024 9 23
Float : 1902071 - Cycle : 260 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7435 - Date : 2024 10 24
Float : 1902305 - Cycle : 108 - PI : WHOI: WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7764 - Date : 2024 10 27
Float : 1902489 - Cycle : 15 - PI : NICHOLSON, WIJFFELS - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1529 - Date : 2024 9 28
Float : 1902489 - Cycle : 16 - PI : NICHOLSON, WIJFFELS - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1529 - Date : 2024 10 8
Float : 1902489 - Cycle : 17 - PI : NICHOLSON, WIJFFELS - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1529 - Date : 2024 10 18
Float : 1902507 - Cycle : 28 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : ALTO - WMO inst type : 876 - FLOAT SERIAL : 11047 - Date : 2024 10 21
Float : 2900385 - Cycle : 152 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2717 - Date : 2008 2 8
Float : 2900387 - Cycle : 127 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2719 - Date : 2007 11 1
Float : 2900618 - Cycle : 135 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3062 - Date : 2007 10 12
Float : 2900626 - Cycle : 3 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3074 - Date : 2007 7 22
Float : 2900626 - Cycle : 39 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3074 - Date : 2007 10 2
Float : 2900626 - Cycle : 43 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3074 - Date : 2007 10 10
Float : 2900626 - Cycle : 47 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3074 - Date : 2007 10 18
Float : 2900626 - Cycle : 51 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3074 - Date : 2007 10 26
Float : 2900626 - Cycle : 57 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3074 - Date : 2007 11 7
Float : 2900626 - Cycle : 67 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3074 - Date : 2007 11 27
Float : 2900626 - Cycle : 69 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3074 - Date : 2007 12 1
Float : 2900835 - Cycle : 53 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3804 - Date : 2009 1 24
Float : 2900835 - Cycle : 127 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3804 - Date : 2009 6 21
Float : 2900835 - Cycle : 151 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3804 - Date : 2009 8 8
Float : 2901133 - Cycle : 204 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4203 - Date : 2011 6 3
Float : 2901133 - Cycle : 223 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4203 - Date : 2011 8 18
Float : 2901133 - Cycle : 237 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4203 - Date : 2011 10 13
Float : 2901134 - Cycle : 72 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4207 - Date : 2009 12 22
Float : 2901134 - Cycle : 77 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4207 - Date : 2010 1 11
Float : 2901134 - Cycle : 89 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4207 - Date : 2010 2 28
Float : 2901134 - Cycle : 91 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4207 - Date : 2010 3 8
Float : 3901290 - Cycle : 284 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0725 - Date : 2024 9 20
Float : 3901290 - Cycle : 285 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0725 - Date : 2024 9 30
Float : 3901290 - Cycle : 286 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0725 - Date : 2024 10 10
Float : 3901303 - Cycle : 235 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0870 - Date : 2024 9 28
Float : 3901304 - Cycle : 226 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0871 - Date : 2024 10 1
Float : 3901304 - Cycle : 227 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0871 - Date : 2024 10 11
Float : 3901304 - Cycle : 228 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0871 - Date : 2024 10 21

Float : 3901476 - Cycle : 256 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8587 - Date : 2024 10 3
Float : 3901796 - Cycle : 254 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8616 - Date : 2024 10 8
Float : 3901799 - Cycle : 228 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8673 - Date : 2024 9 28
Float : 3902148 - Cycle : 168 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO_D_MRV - WMO inst type : 874 - FLOAT SERIAL : 12013 - Date : 2024 1 18
Float : 3902148 - Cycle : 169 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO_D_MRV - WMO inst type : 874 - FLOAT SERIAL : 12013 - Date : 2024 1 27
Float : 3902150 - Cycle : 208 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO_D_MRV - WMO inst type : 874 - FLOAT SERIAL : 12015 - Date : 2024 9 17
Float : 3902150 - Cycle : 209 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO_D_MRV - WMO inst type : 874 - FLOAT SERIAL : 12015 - Date : 2024 9 26
Float : 3902150 - Cycle : 210 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO_D_MRV - WMO inst type : 874 - FLOAT SERIAL : 12015 - Date : 2024 10 6
Float : 3902150 - Cycle : 211 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO_D_MRV - WMO inst type : 874 - FLOAT SERIAL : 12015 - Date : 2024 10 16
Float : 3902196 - Cycle : 70 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3138 - Date : 2024 9 29
Float : 3902270 - Cycle : 158 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1167 - Date : 2024 10 24
Float : 3902365 - Cycle : 60 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9328 - Date : 2024 10 10
Float : 3902365 - Cycle : 61 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9328 - Date : 2024 10 20
Float : 4902342 - Cycle : 259 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7341 - Date : 2024 10 28
Float : 4902929 - Cycle : 287 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0757 - Date : 2024 10 27
Float : 4903183 - Cycle : 217 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0977 - Date : 2024 10 3
Float : 4903183 - Cycle : 219 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0977 - Date : 2024 10 23
Float : 4903190 - Cycle : 135 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0985 - Date : 2024 10 15
Float : 4903195 - Cycle : 203 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1001 - Date : 2024 10 4
Float : 4903195 - Cycle : 204 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1001 - Date : 2024 10 14
Float : 4903195 - Cycle : 205 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1001 - Date : 2024 10 24
Float : 4903200 - Cycle : 203 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1007 - Date : 2024 10 2
Float : 4903200 - Cycle : 204 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1007 - Date : 2024 10 12
Float : 4903205 - Cycle : 196 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1026 - Date : 2024 9 29
Float : 4903205 - Cycle : 197 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1026 - Date : 2024 10 9
Float : 4903205 - Cycle : 198 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1026 - Date : 2024 10 19
Float : 4903205 - Cycle : 199 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1026 - Date : 2024 10 29
Float : 4903206 - Cycle : 199 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1027 - Date : 2024 9 27
Float : 4903206 - Cycle : 200 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1027 - Date : 2024 10 7
Float : 4903206 - Cycle : 201 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1027 - Date : 2024 10 17
Float : 4903206 - Cycle : 202 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1027 - Date : 2024 10 27
Float : 4903207 - Cycle : 196 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1028 - Date : 2024 9 29
Float : 4903207 - Cycle : 197 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1028 - Date : 2024 10 9
Float : 4903207 - Cycle : 198 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1028 - Date : 2024 10 19
Float : 4903207 - Cycle : 199 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1028 - Date : 2024 10 29
Float : 4903232 - Cycle : 397 - PI : AMY BOWER, STEVEN JAYNE, HEATHER FUREY - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7540 - Date : 2024 10 12
Float : 4903546 - Cycle : 101 - PI : AMY BOWER, STEVEN JAYNE, HEATHER FUREY - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7796 - Date : 2024 10 24
Float : 4903563 - Cycle : 63 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7874 - Date : 2024 10 1
Float : 4903563 - Cycle : 65 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7874 - Date : 2024 10 11
Float : 4903563 - Cycle : 67 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7874 - Date : 2024 10 22
Float : 5900058 - Cycle : 23 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3078 - Date : 2007 11 26
Float : 5902496 - Cycle : 290 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8505 - Date : 2024 10 4
Float : 5903455 - Cycle : 31 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6056 - Date : 2013 3 4
Float : 5904607 - Cycle : 333 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5450 - Date : 2024 10 25
Float : 5905164 - Cycle : 408 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_D - WMO inst type : 862 - FLOAT SERIAL : 6035 - Date : 2022 11 4
Float : 5905316 - Cycle : 224 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0864 - Date : 2024 9 30
Float : 5905316 - Cycle : 225 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0864 - Date : 2024 10 10
Float : 5905316 - Cycle : 226 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0864 - Date : 2024 10 20
Float : 5905668 - Cycle : 224 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0866 - Date : 2024 10 2
Float : 5905668 - Cycle : 225 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0866 - Date : 2024 10 12
Float : 5905668 - Cycle : 226 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0866 - Date : 2024 10 22
Float : 5905781 - Cycle : 214 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8749 - Date : 2024 9 27
Float : 5906080 - Cycle : 143 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8640 - Date : 2024 10 12
Float : 5906087 - Cycle : 154 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0992 - Date : 2024 9 27
Float : 5906087 - Cycle : 155 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0992 - Date : 2024 10 7
Float : 5906087 - Cycle : 156 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0992 - Date : 2024 10 17
Float : 5906087 - Cycle : 157 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0992 - Date : 2024 10 27
Float : 5906093 - Cycle : 138 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0999 - Date : 2024 10 4
Float : 5906097 - Cycle : 197 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1011 - Date : 2024 10 10
Float : 5906114 - Cycle : 175 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_D - WMO inst type : 862 - FLOAT SERIAL : 6068 - Date : 2024 10 1
Float : 5906154 - Cycle : 196 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1018 - Date : 2024 10 4
Float : 5906154 - Cycle : 197 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1018 - Date : 2024 10 14
Float : 5906154 - Cycle : 198 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1018 - Date : 2024 10 24
Float : 5906246 - Cycle : 163 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8825 - Date : 2024 10 15
Float : 5906246 - Cycle : 164 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8825 - Date : 2024 10 25
Float : 5906273 - Cycle : 154 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8366 - Date : 2024 10 20
Float : 5906396 - Cycle : 160 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_D - WMO inst type : 862 - FLOAT SERIAL : 6070 - Date : 2024 10 24
Float : 5906407 - Cycle : 145 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8908 - Date : 2024 10 13
Float : 5906409 - Cycle : 142 - PI : PHIL SUTTON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8910 - Date : 2024 10 17
Float : 5906459 - Cycle : 103 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9316 - Date : 2024 10 25
Float : 5906505 - Cycle : 101 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9325 - Date : 2024 10 21
Float : 5906526 - Cycle : 88 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9256 - Date : 2024 10 28
Float : 5906847 - Cycle : 36 - PI : GREGORY C. JOHNSON - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7860 - Date : 2024 10 1
Float : 5906847 - Cycle : 37 - PI : GREGORY C. JOHNSON - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7860 - Date : 2024 10 11
Float : 5906847 - Cycle : 38 - PI : GREGORY C. JOHNSON - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7860 - Date : 2024 10 21
Float : 5906852 - Cycle : 6 - PI : GREGORY C. JOHNSON - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7945 - Date : 2024 10 21

Float : 5906924 - Cycle : 57 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3194 - Date : 2024 10 10
Float : 5906942 - Cycle : 15 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3237 - Date : 2024 10 4
Float : 5906942 - Cycle : 16 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3237 - Date : 2024 10 14
Float : 5906942 - Cycle : 17 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3237 - Date : 2024 10 24
Float : 5906946 - Cycle : 16 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3242 - Date : 2024 10 17
Float : 6990591 - Cycle : 99 - PI : JOSHUA K. WILLIS - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 10052 - Date : 2024 10 7
Float : 6990591 - Cycle : 102 - PI : JOSHUA K. WILLIS - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 10052 - Date : 2024 10 22
Float : 7900812 - Cycle : 67 - 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 10 4
Float : 7900842 - Cycle : 65 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9226 - Date : 2024 10 6
Float : 7900842 - Cycle : 66 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9226 - Date : 2024 10 16
Float : 7900842 - Cycle : 67 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9226 - Date : 2024 10 27
Float : 7902003 - Cycle : 10 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10025 - Date : 2024 10 9
Float : 7902004 - Cycle : 8 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10027 - Date : 2024 9 19
Float : 7902004 - Cycle : 9 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10027 - Date : 2024 9 29
Float : 7902004 - Cycle : 10 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10027 - Date : 2024 10 10
Float : 7902004 - Cycle : 11 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10027 - Date : 2024 10 20
Float : 7902005 - Cycle : 8 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10028 - Date : 2024 9 20
Float : 7902006 - Cycle : 8 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10021 - Date : 2024 9 20
Float : 7902010 - Cycle : 8 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10000 - Date : 2024 9 22
Float : 7902010 - Cycle : 9 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10000 - Date : 2024 10 2
Float : 7902010 - Cycle : 10 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10000 - Date : 2024 10 12
Float : 7902010 - Cycle : 11 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10000 - Date : 2024 10 23
Float : 7902011 - Cycle : 9 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10026 - Date : 2024 10 3
Float : 7902011 - Cycle : 10 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10026 - Date : 2024 10 13
Float : 7902109 - Cycle : 8 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10034 - Date : 2024 10 18
Float : 7902119 - Cycle : 2 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10036 - Date : 2024 10 20
Float : 7902121 - Cycle : 1 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10038 - Date : 2024 10 17
Float : 7902121 - Cycle : 2 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10038 - Date : 2024 10 28

**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 : 4902921 - Cycle : 257 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 10092 - Date : 2024 9 22
Float : 4902921 - Cycle : 258 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 10092 - Date : 2024 10 2
Float : 5906273 - Cycle : 152 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8366 - Date : 2024 9 30
Float : 5906273 - Cycle : 153 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8366 - Date : 2024 10 10
Float : 5906329 - Cycle : 143 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8947 - Date : 2024 10 12
Float : 7900844 - Cycle : 64 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9275 - Date : 2024 9 28

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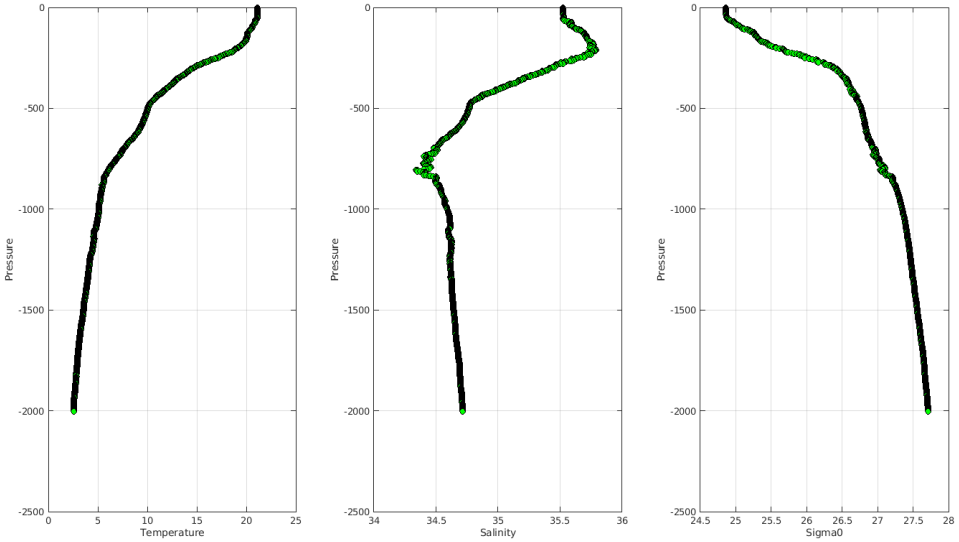
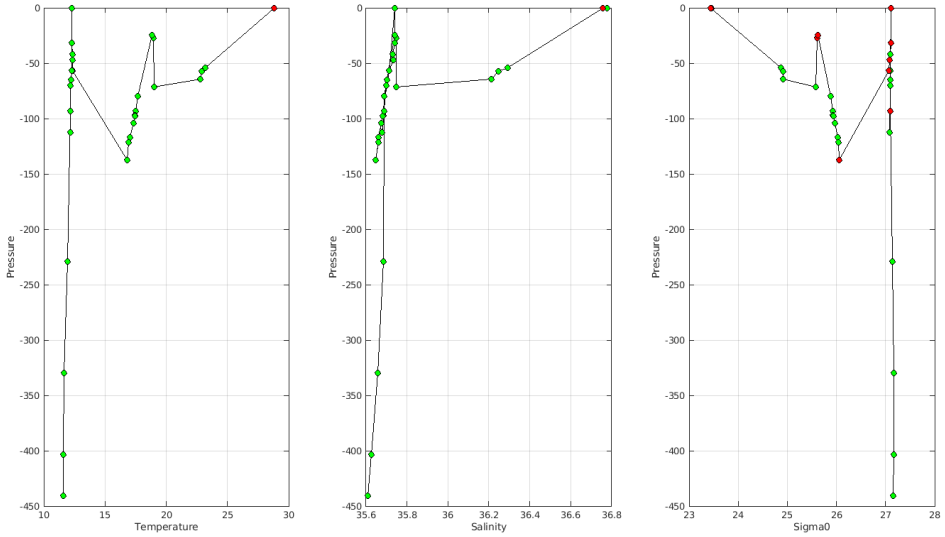
The list of the anomalies can be found at https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/aoml/

Example of anomalies:

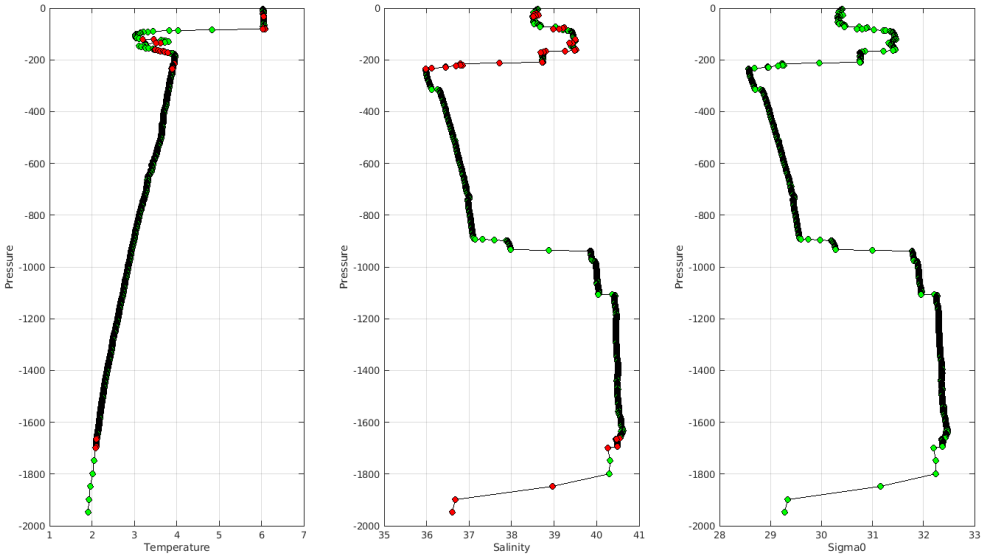
**Warning MinMax Anomalies 2024 October TEMP PSAL : DAC AO- Float 1902049 - 155**

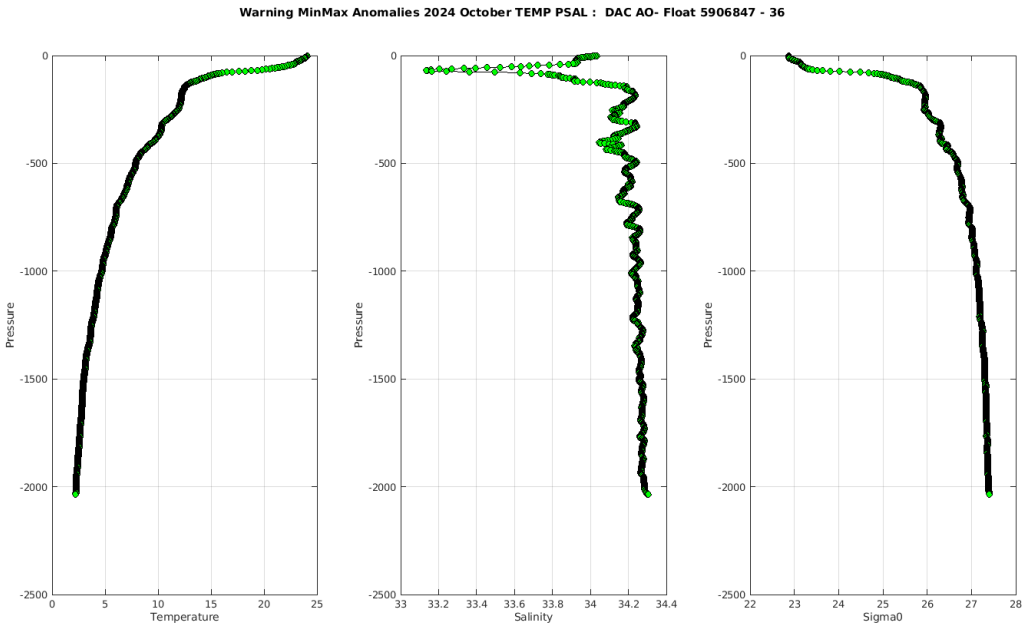



**Warning MinMax Anomalies 2024 October TEMP PSAL : DAC AO- Float 2901133 - 237**




**Warning MinMax Anomalies 2024 October TEMP PSAL : DAC AO- Float 4903205 - 198**






## 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, ….

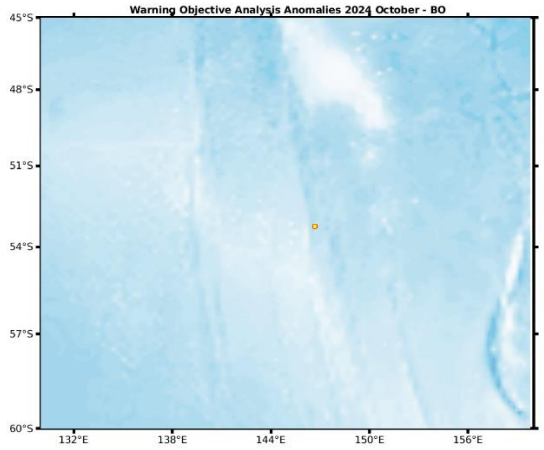
PI_name = CARL SZCZECHOWSKI - **Float 6900376 cycle 44 to cycle 92 – cycle 98 to 128 – cycle 131 to 135**

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: 1 profile (1 float but floats can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|---|---|---|
| 1 cycle | 0 cycle | 0 cycle |

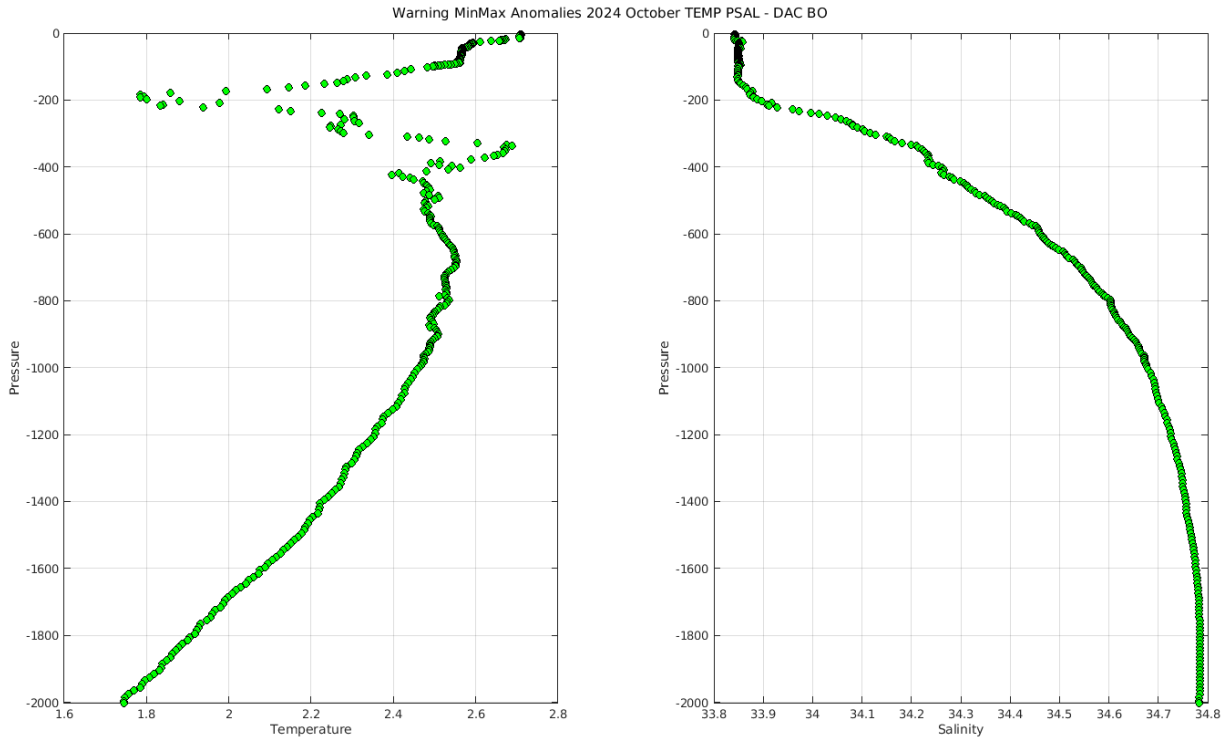



**Status of corrections:** **Correction in progress, no regular feedback.**

**Files data_mode='R' / 'A'**

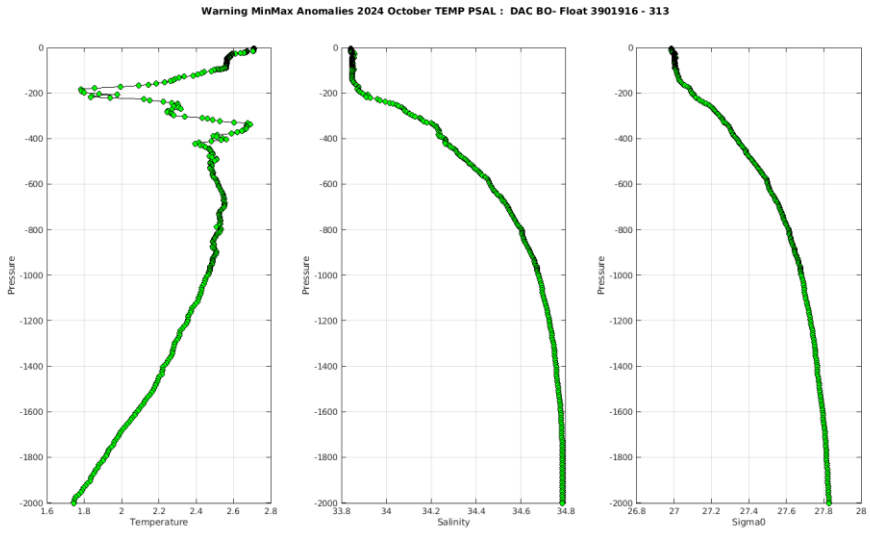
Float : 3901916 - Cycle : 313 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR079 - Date : 2024 9 28

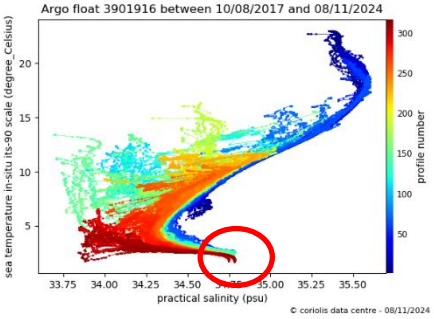
**Files data_mode='D'**




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, ….) -> BGC files are in DM mode !!

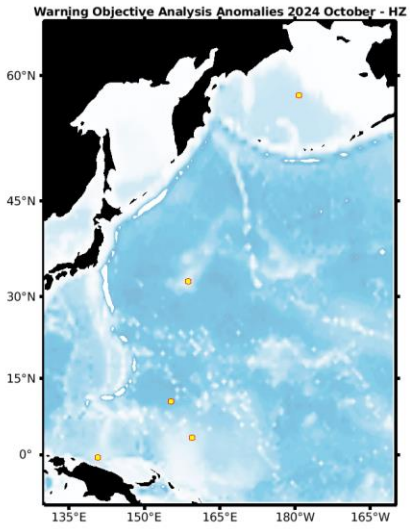
| | |
|---|---|
| D6901181_359.nc | 16-Aug-2023 15:38 552K |
| D6901181_360.nc | 16-Aug-2023 15:38 473K |
| D6901181_361.nc | 16-Aug-2023 15:38 459K |
| D6901181_362.nc | 16-Aug-2023 15:38 455K |
| D6901181_363.nc | 16-Aug-2023 15:38 471K |
| D6901181_364.nc | 16-Aug-2023 15:38 419K |
| D6901181_365.nc | 16-Aug-2023 15:38 468K |
| D6901181_366.nc | 16-Aug-2023 15:38 420K |
| D6901181_367.nc | 16-Aug-2023 15:38 438K |
| R6901181_001D.nc | 11-Aug-2023 00:32 51K |
| R6901181_002D.nc | 11-Aug-2023 00:32 172K |
| R6901181_003.nc | 11-Aug-2023 00:32 161K |
| R6901181_003D.nc | 11-Aug-2023 00:32 131K |
| R6901181_004.nc | 11-Aug-2023 00:32 155K |
| R6901181_004D.nc | 11-Aug-2023 00:32 178K |
| R6901181_005D.nc | 11-Aug-2023 00:32 175K |
| R6901181_006D.nc | 11-Aug-2023 00:32 485K |
| R6901181_007D.nc | 11-Aug-2023 00:32 343K |
| R6901181_008.nc | 11-Aug-2023 00:33 152K |
| R6901181_008D.nc | 11-Aug-2023 00:33 222K |
| R6901181_009D.nc | 11-Aug-2023 00:33 171K |
| R6901181_010.nc | 11-Aug-2023 00:33 143K |
| R6901181_010D.nc | 11-Aug-2023 00:33 589K |

.....

## 5.3. DAC CSIO

Profiles detected by the objective analysis: 5 profiles (5 floats but floats can have several cycles with anomalies)

| Data_mode =’R’ | Data_mode =’A’ | Data_mode =’D’ |
|---|---|---|
| 0 cycle | 5 cycles | 0 cycle |

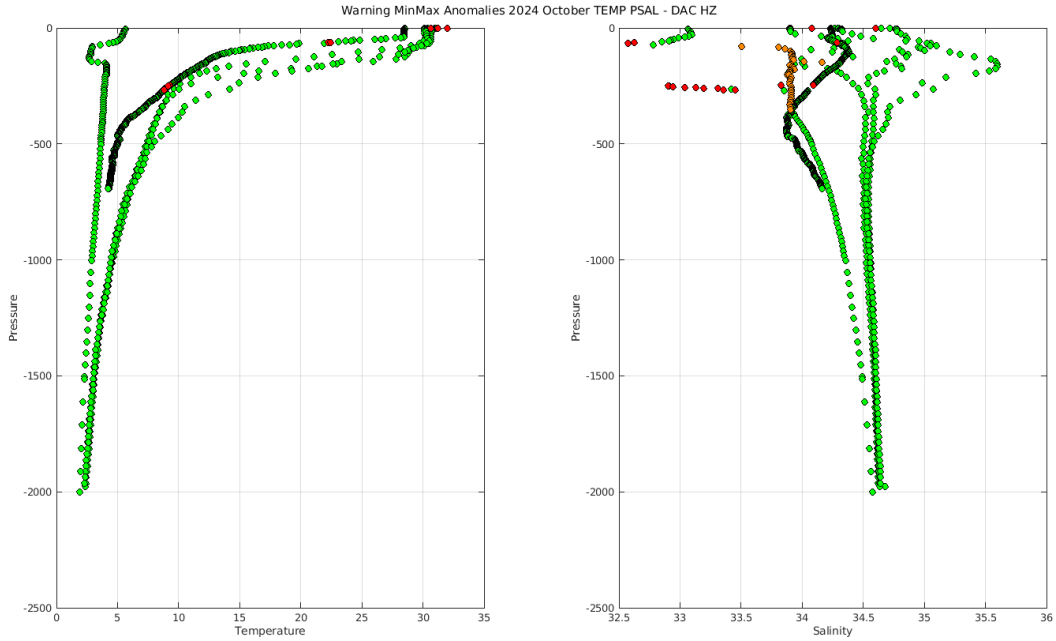



**Status of corrections:** ***No regular feedback, corrections seem done.***

**Files data_mode=’R’ / ‘A’**

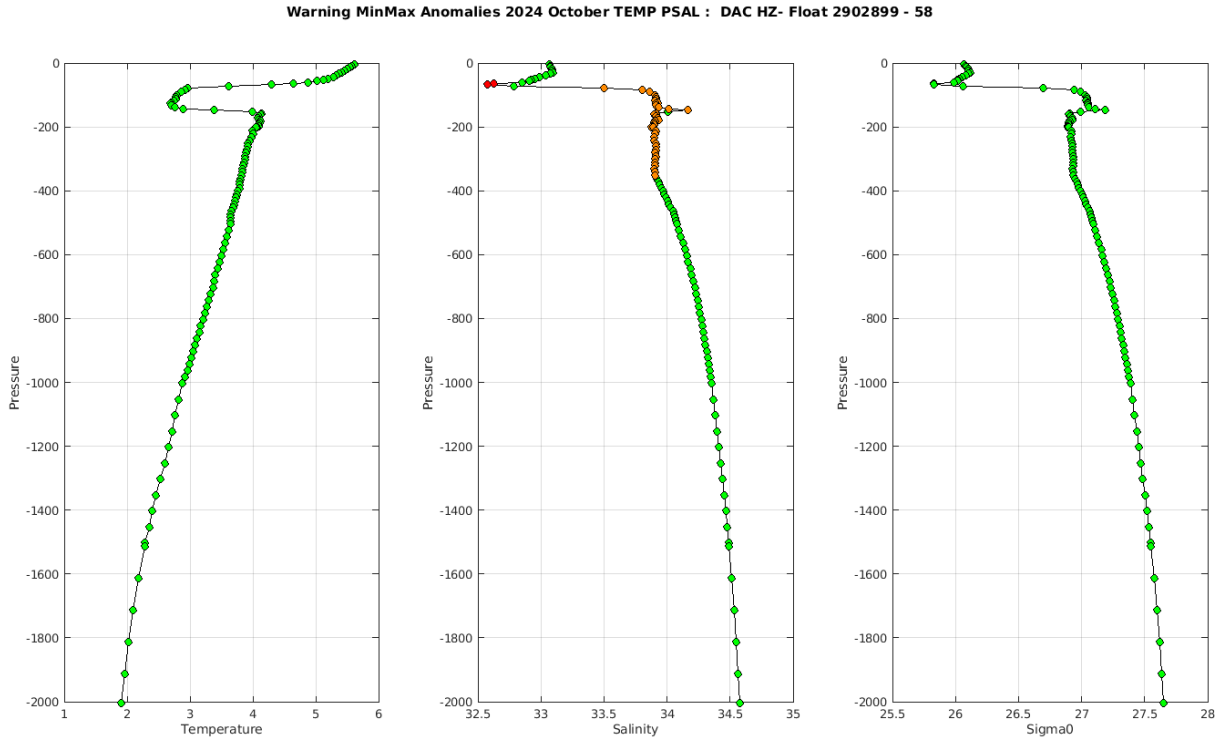
Float : 2902803 - Cycle : 195 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH021 - Date : 2024 10 23
Float : 2902807 - Cycle : 195 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH004 - Date : 2024 9 27
Float : 2902813 - Cycle : 196 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH010 - Date : 2024 10 26
Float : 2902899 - Cycle : 58 - PI : Na Liu - Data mode : A - Platform type : HM2000 - WMO inst type : 870 - FLOAT SERIAL : HM2000-2024-06-005 - Date : 2024 10 23
Float : 2902911 - Cycle : 41 - PI : FEI CHAI - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1315 - Date : 2024 9 28

**Files data_mode=’D’**




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

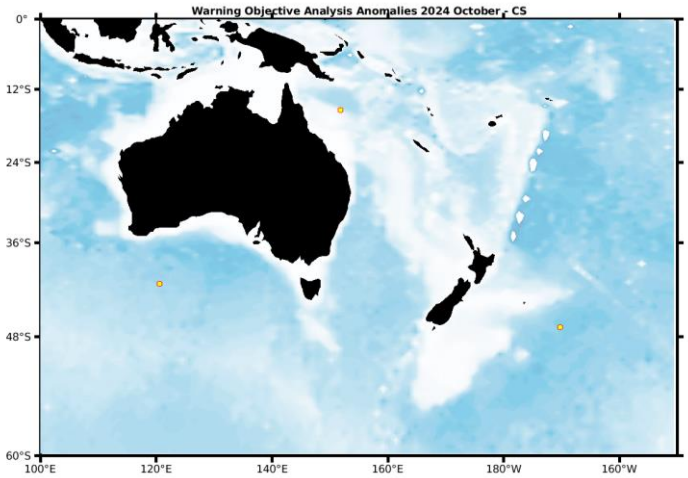
Example of anomalies:



## 5.4. DAC CSIRO

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

| Data_mode =’R’ | Data_mode =’A’ | Data_mode =’D’ |
|---|---|---|
| 0 cycle | 3 cycles | 0 cycle |

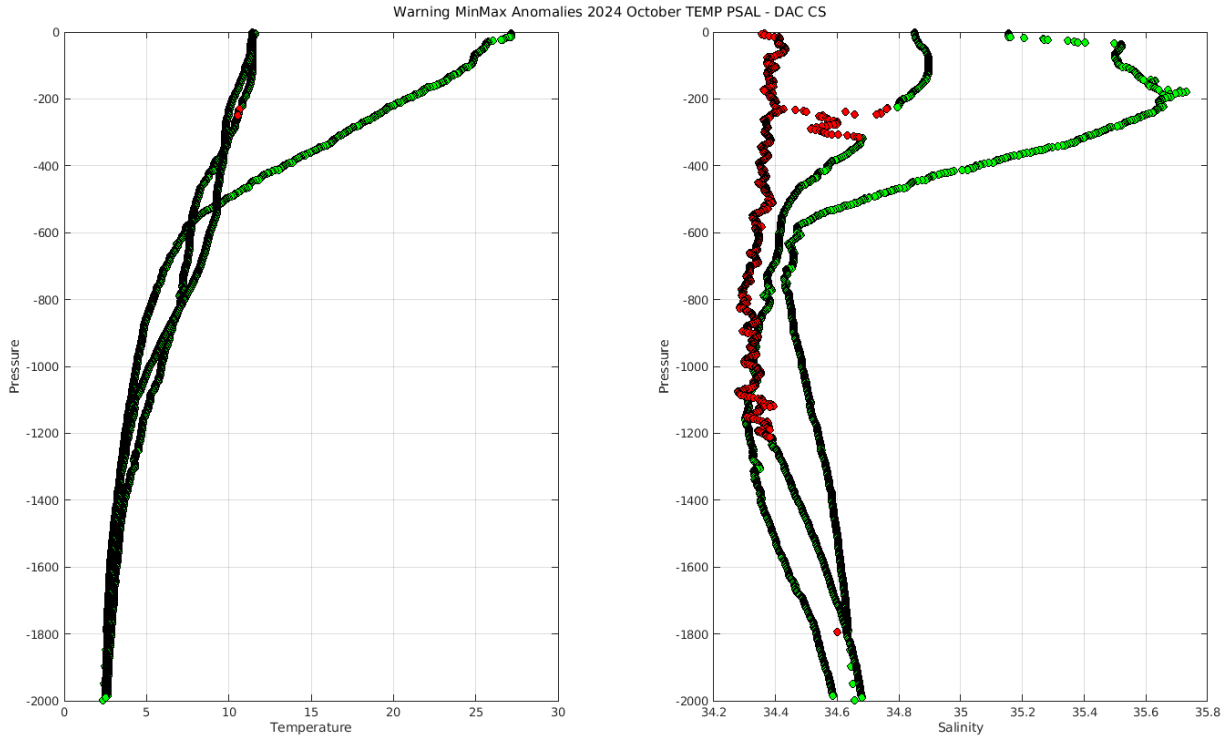



**Status of corrections: Corrections done or in progress, regular feedback.**

**Files data_mode=’R’ / ‘A’**

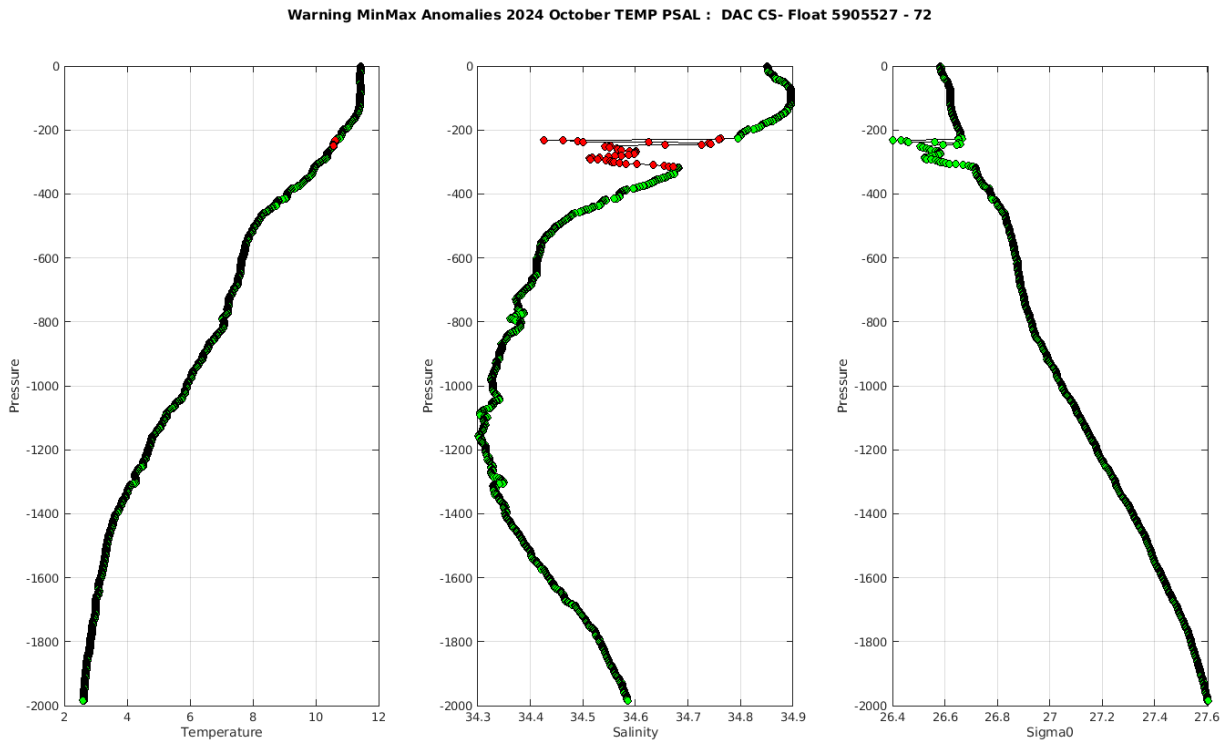
Float : 5905210 - Cycle : 256 - PI : Peter Oke - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 0802 - Date : 2024 10 23
Float : 5905527 - Cycle : 72 - PI : Peter Oke - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-22AU001 - Date : 2024 10 27
Float : 5906628 - Cycle : 138 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9035 - Date : 2024 10 29

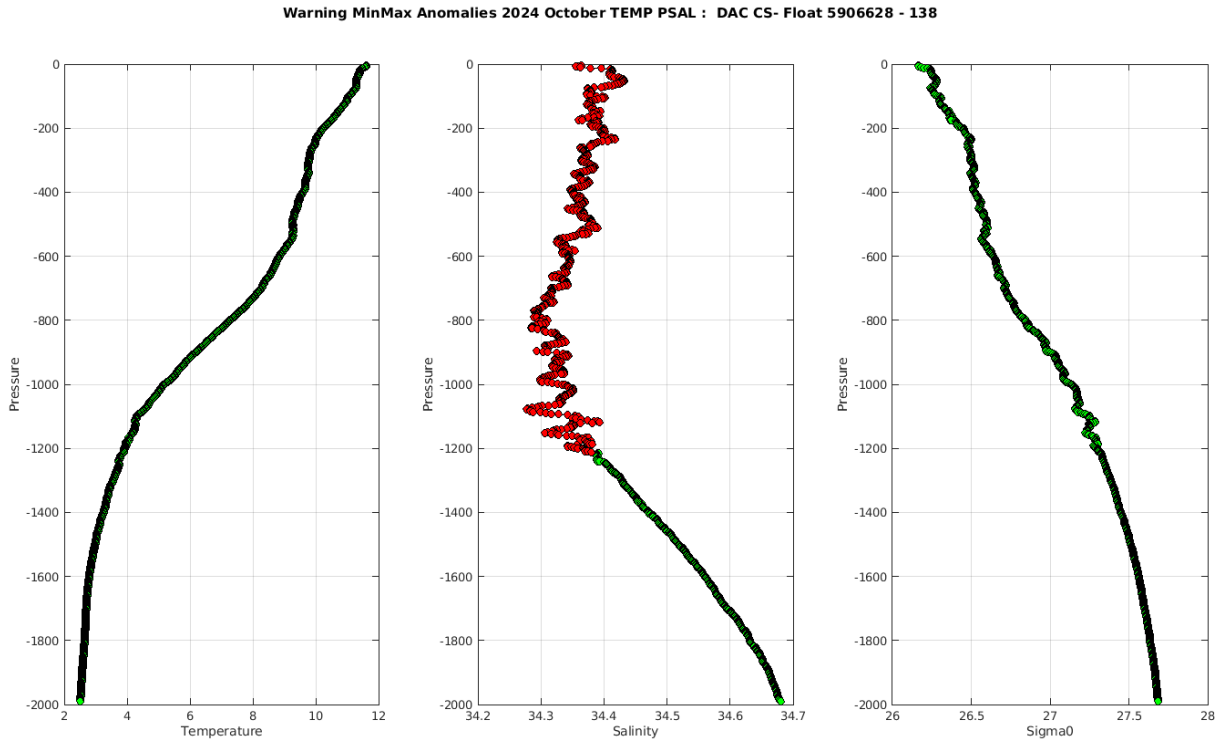
**Files data_mode=’D’**




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

Example of anomalies:

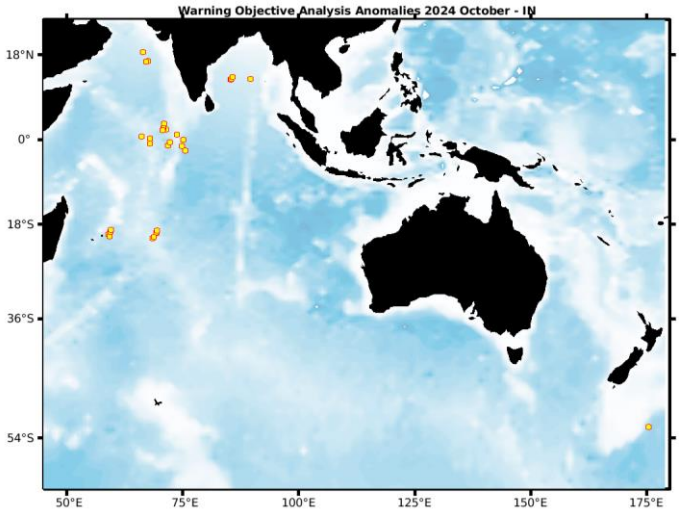


## 5.5. DAC INCOIS

Profiles detected by the objective analysis: 30 profiles (9 floats but floats can have several cycles with anomalies)

| Data_mode =’R’ | Data_mode =’A’ | Data_mode =’D’ |
|---|---|---|
| 16 cycles | 14 cycles | 0 cycle |

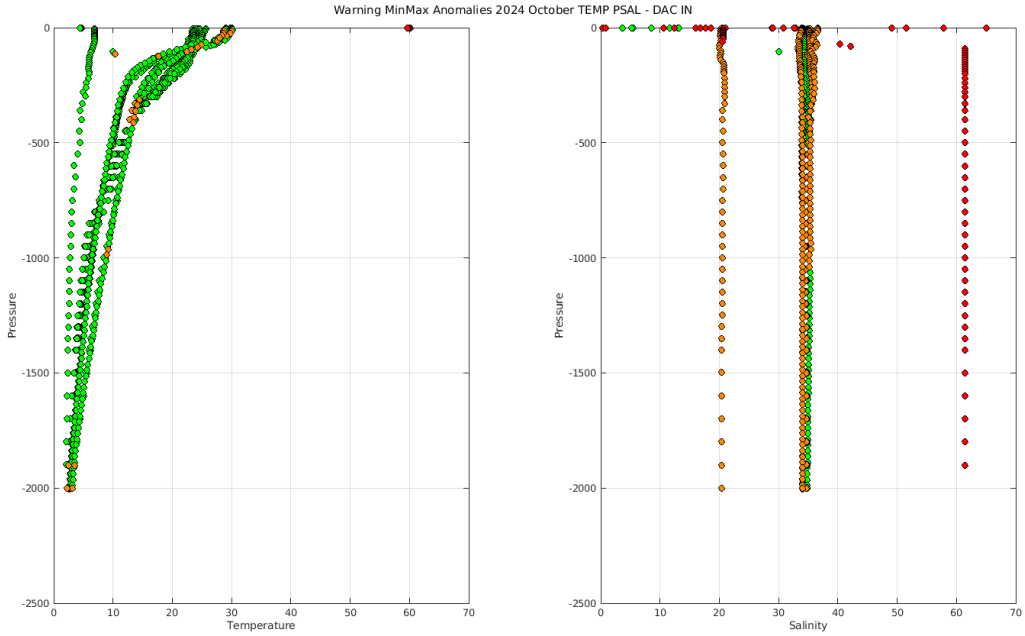



**Status of corrections: Corrections done or in progress, some feedbacks. (A re-decoding for a certain type of floats handled at Coriolis may explain the large number of anomalies).**

**Files data_mode=’R’/’A’**

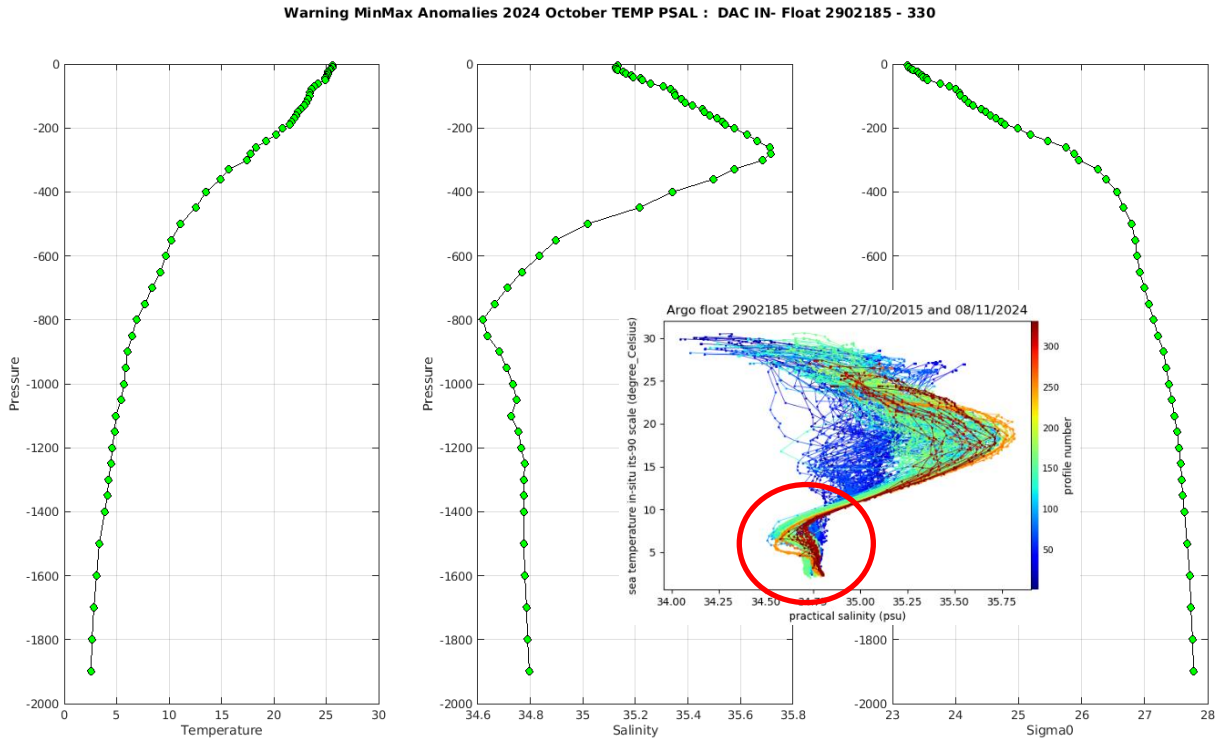
Float : 2900880 - Cycle : 105 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2925 - Date : 2010 7 27
Float : 2900880 - Cycle : 107 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2925 - Date : 2010 8 16
Float : 2900880 - Cycle : 111 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2925 - Date : 2010 9 25
Float : 2900880 - Cycle : 113 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2925 - Date : 2010 10 15
Float : 2900880 - Cycle : 142 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2925 - Date : 2011 8 1
Float : 2900880 - Cycle : 144 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2925 - Date : 2011 8 21
Float : 2900880 - Cycle : 151 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2925 - Date : 2011 10 30
Float : 2900880 - Cycle : 173 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2925 - Date : 2012 6 6
Float : 2900880 - Cycle : 176 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2925 - Date : 2012 7 6
Float : 2900880 - Cycle : 181 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2925 - Date : 2012 8 25
Float : 2900880 - Cycle : 187 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2925 - Date : 2012 10 24
Float : 2900880 - Cycle : 193 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2925 - Date : 2012 12 23
Float : 2900880 - Cycle : 197 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2925 - Date : 2013 2 1
Float : 2900884 - Cycle : 2 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3593 - Date : 2007 12 15
Float : 2902184 - Cycle : 328 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2024 10 5
Float : 2902184 - Cycle : 329 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2024 10 15
Float : 2902184 - Cycle : 330 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2024 10 25
Float : 2902185 - Cycle : 327 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2024 9 29
Float : 2902185 - Cycle : 328 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2024 10 9
Float : 2902185 - Cycle : 329 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2024 10 19
Float : 2902185 - Cycle : 330 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2024 10 29
Float : 2902203 - Cycle : 314 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7541 - Date : 2024 10 2
Float : 2902203 - Cycle : 315 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7541 - Date : 2024 10 12
Float : 2902213 - Cycle : 288 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7538 - Date : 2024 9 29
Float : 2902213 - Cycle : 289 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7538 - Date : 2024 10 9
Float : 2902222 - Cycle : 284 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2024 10 21
Float : 5907083 - Cycle : 39 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2024 10 3
Float : 5907083 - Cycle : 40 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2024 10 13
Float : 5907083 - Cycle : 41 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2024 10 23
Float : 7901128 - Cycle : 37 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23017 - Date : 2024 10 4

**Files data_mode=’D’**




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

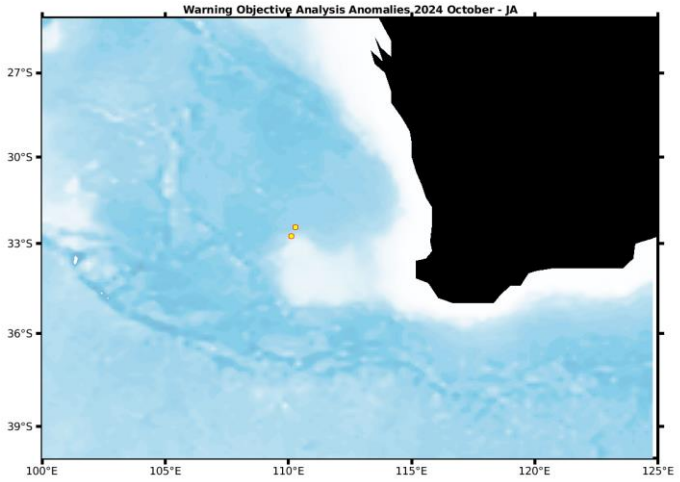
Example of anomalies:



## 5.6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 37 profiles (2 floats but floats can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|---|---|---|
| 0 cycle | 37 cycles | 0 cycle |

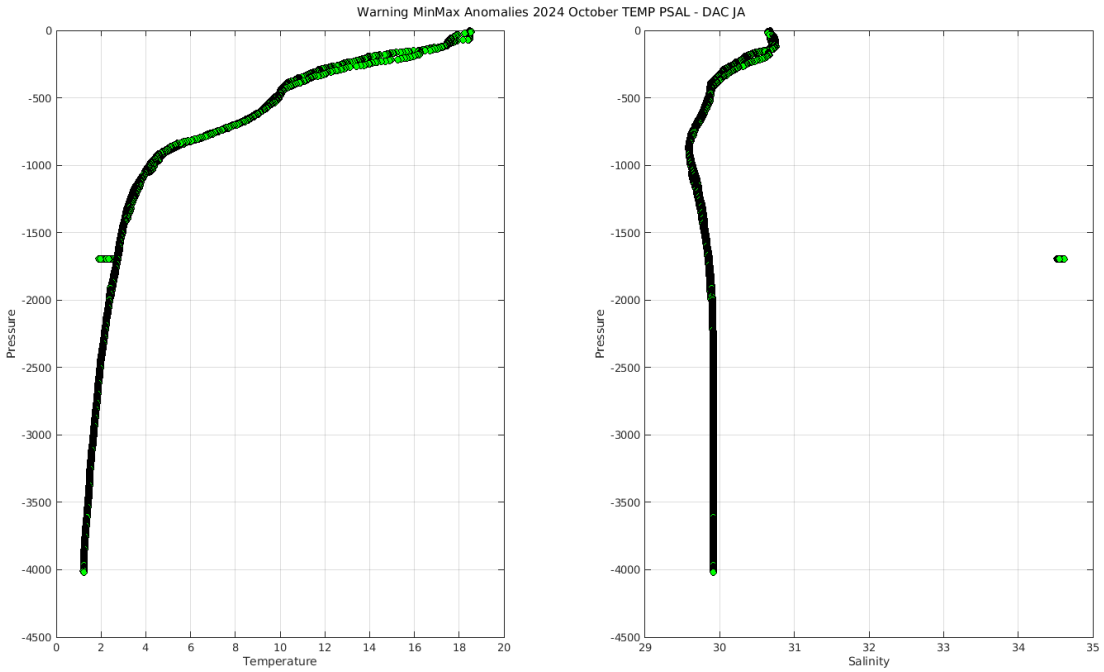



**Status of corrections: Correction in progress, feedbacks each month**

**Files data_mode='R'/'A'**

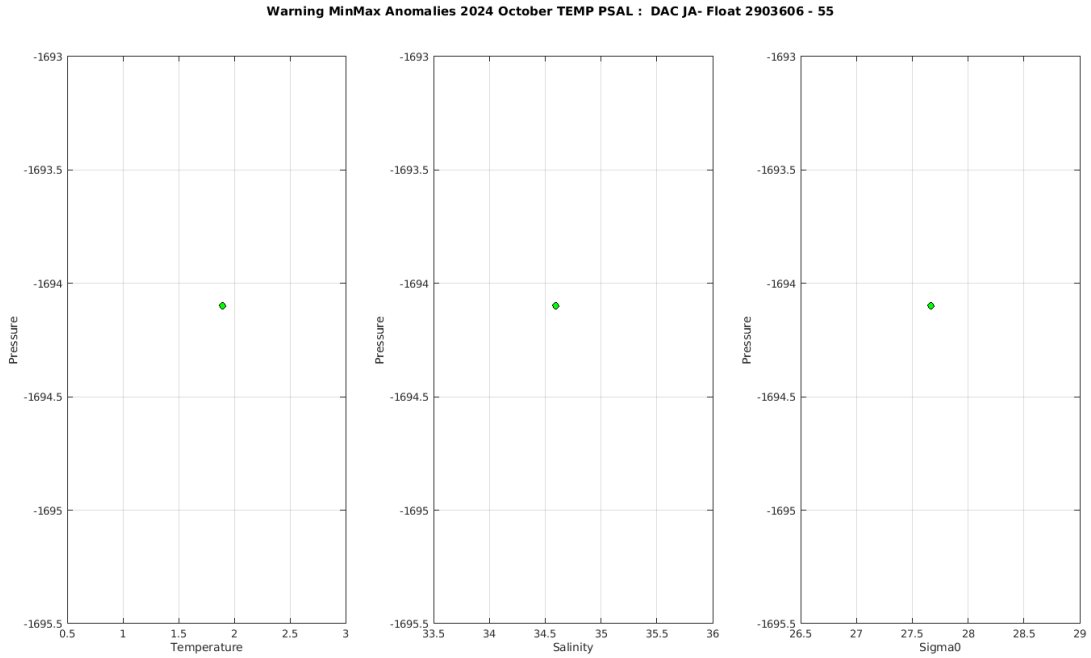
Float : 2903606 - Cycle : 55 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2020 7 9
Float : 2903606 - Cycle : 56 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2020 7 19
Float : 2903606 - Cycle : 57 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2020 7 29
Float : 2903606 - Cycle : 58 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2020 8 7
Float : 2903606 - Cycle : 59 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2020 8 17
Float : 2903606 - Cycle : 61 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2020 9 6
Float : 2903606 - Cycle : 62 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2020 9 15
Float : 2903606 - Cycle : 63 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2020 9 25
Float : 2903606 - Cycle : 64 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2020 10 5
Float : 2903606 - Cycle : 65 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2020 10 15
Float : 2903606 - Cycle : 66 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2020 10 24
Float : 2903606 - Cycle : 67 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2020 11 3
Float : 2903606 - Cycle : 68 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2020 11 13
Float : 2903606 - Cycle : 69 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2020 11 23
Float : 2903606 - Cycle : 70 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2020 12 3
Float : 2903606 - Cycle : 83 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2021 4 9
Float : 2903606 - Cycle : 84 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2021 4 18
Float : 2903606 - Cycle : 85 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2021 4 28
Float : 2903606 - Cycle : 86 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2021 5 8
Float : 2903606 - Cycle : 87 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2021 5 18
Float : 2903606 - Cycle : 88 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2021 5 27
Float : 2903606 - Cycle : 89 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2021 6 6
Float : 2903606 - Cycle : 90 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2021 6 16
Float : 2903606 - Cycle : 91 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2021 6 26
Float : 2903606 - Cycle : 92 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2021 7 5
Float : 2903606 - Cycle : 93 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2021 7 15
Float : 2903606 - Cycle : 94 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2021 7 25
Float : 2903606 - Cycle : 95 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2021 8 4
Float : 2903606 - Cycle : 96 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2021 8 14
Float : 2903606 - Cycle : 97 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2021 8 23
Float : 2903606 - Cycle : 98 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2021 9 2
Float : 2903606 - Cycle : 99 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2021 9 12
Float : 2903606 - Cycle : 100 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2021 9 22
Float : 2903606 - Cycle : 105 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2021 11 9
Float : 2903606 - Cycle : 108 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2021 12 9
Float : 5905848 - Cycle : 208 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 35 - Date : 2024 9 27
Float : 5905848 - Cycle : 209 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 35 - Date : 2024 10 7

**Files data_mode='D'**




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

Example of anomalies:



## 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

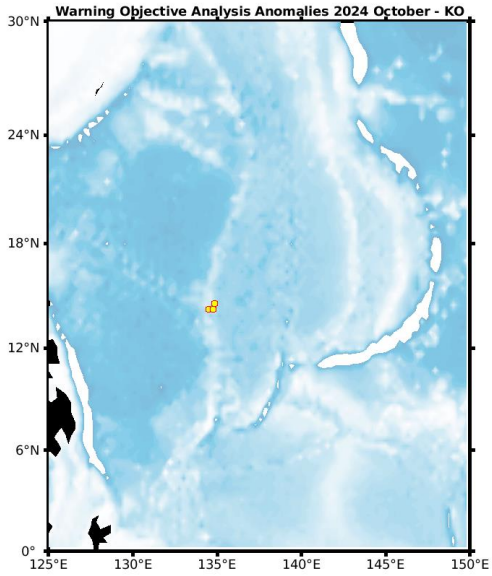
**PSAL =**
**-1073760.375, 33.900, 33.876, 33.928, 33.964, 34.015,**
**34.028, 34.027, 34.031, 34.033, 34.034, 34.029,**

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)

| Data_mode =’R’ | Data_mode =’A’ | Data_mode =’D’ |
|---|---|---|
| 0 cycle | 3 cycles | 0 cycle |

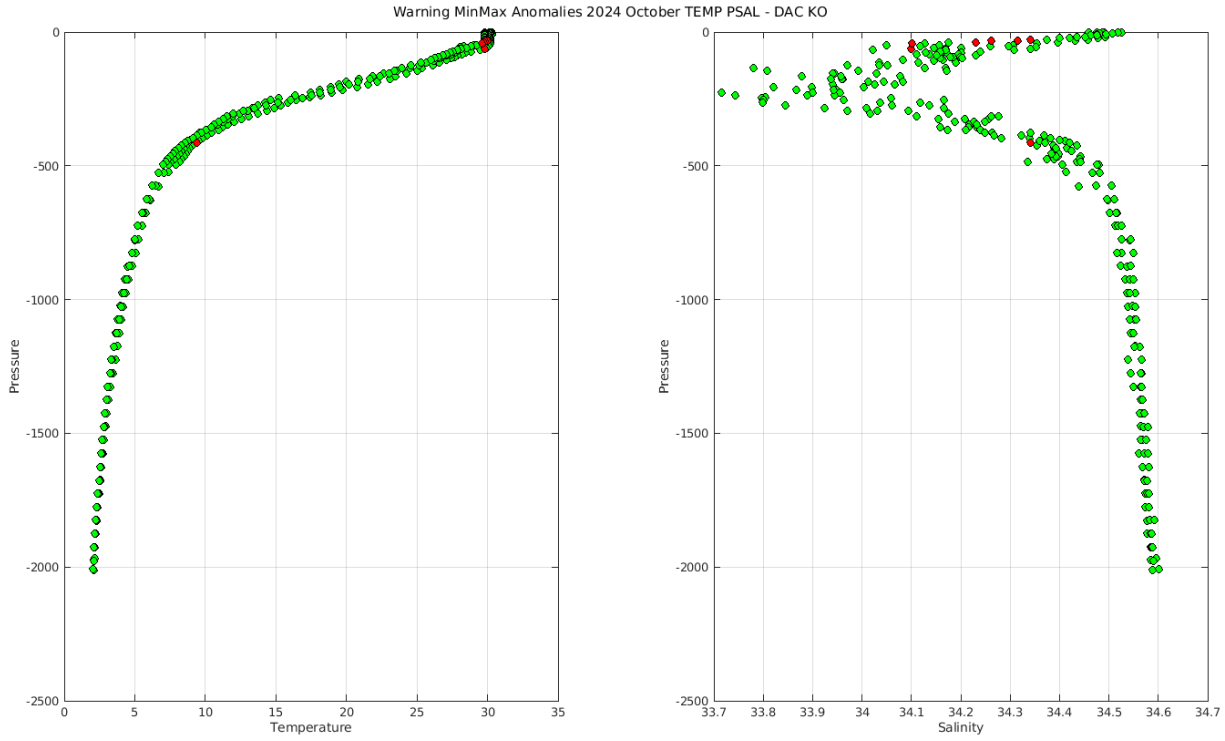



**Status of corrections:. No feedback.**

**Files data_mode=’R’ /’A’**

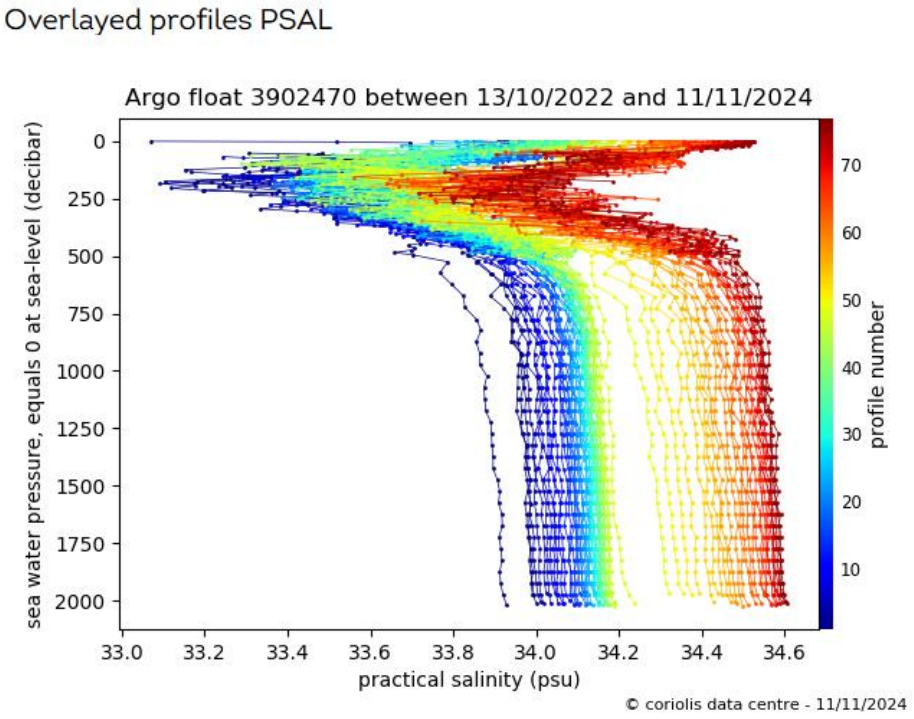
Float : 3902470 - Cycle : 73 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2024 10 2
Float : 3902470 - Cycle : 74 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2024 10 12
Float : 3902470 - Cycle : 75 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2024 10 22

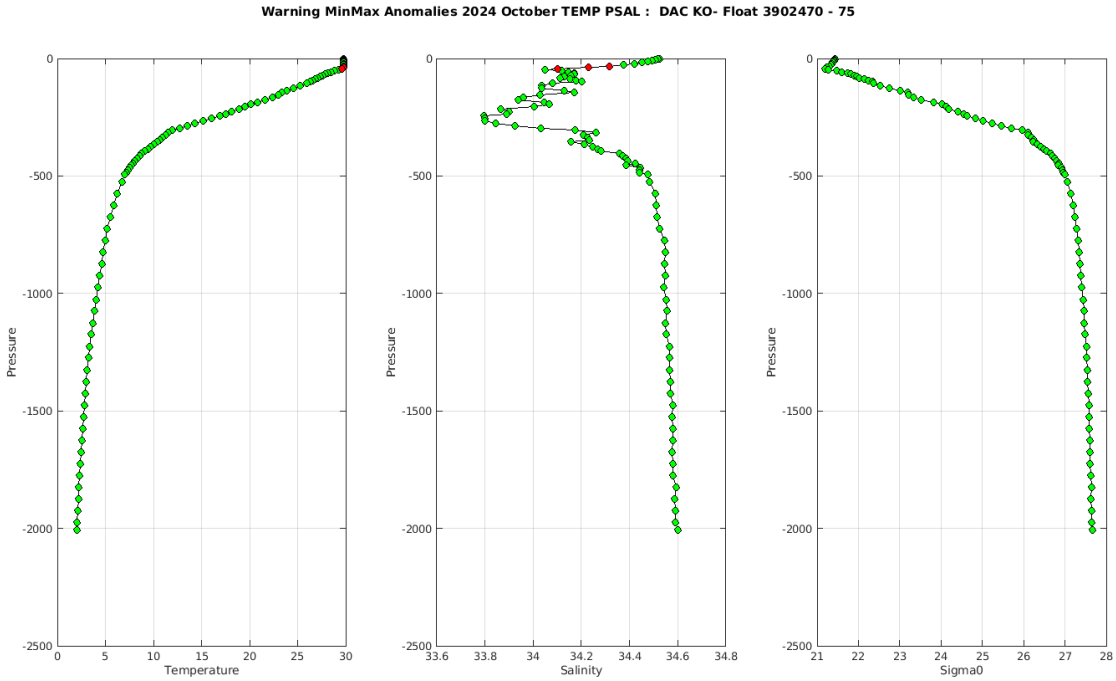
**Files data_mode=’D’**



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

Example of anomalies:

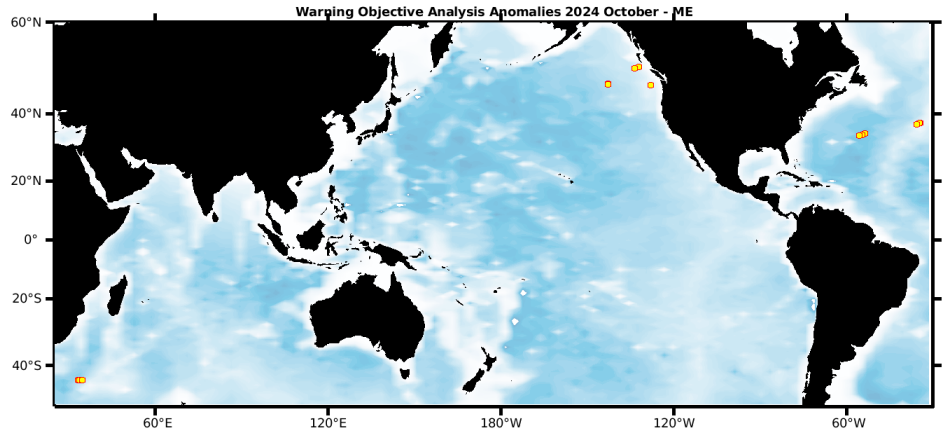


## 5.9. DAC MEDS

Profiles detected by the objective analysis: 14 profiles (7 floats but floats can have several cycles with anomalies)

| Data_mode =’R’ | Data_mode =’A’ | Data_mode =’D’ |
|---|---|---|
| 13 cycles | 1 cycle | 0 cycle |

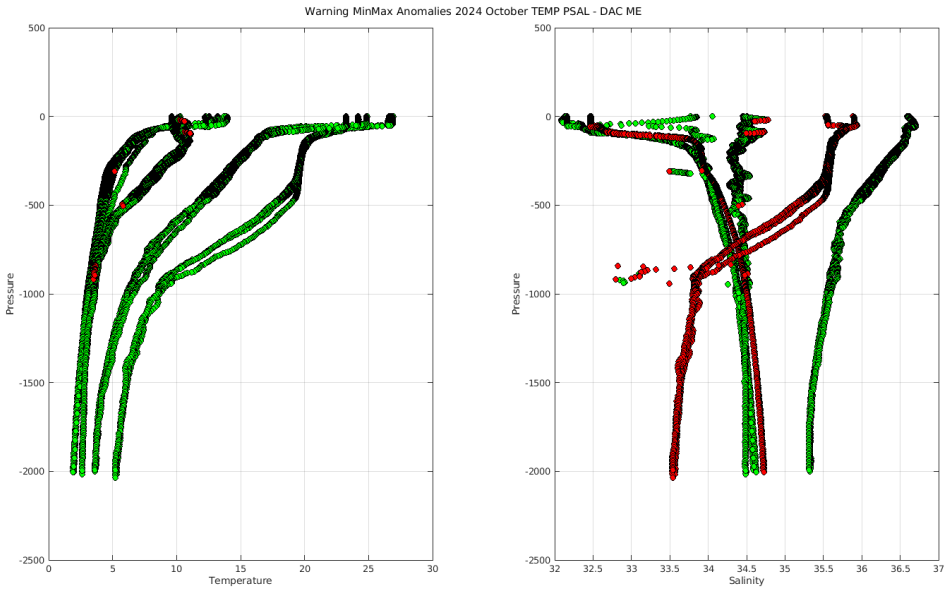



**Status of corrections: In progress.**

**Files data_mode=’R’/’A’**

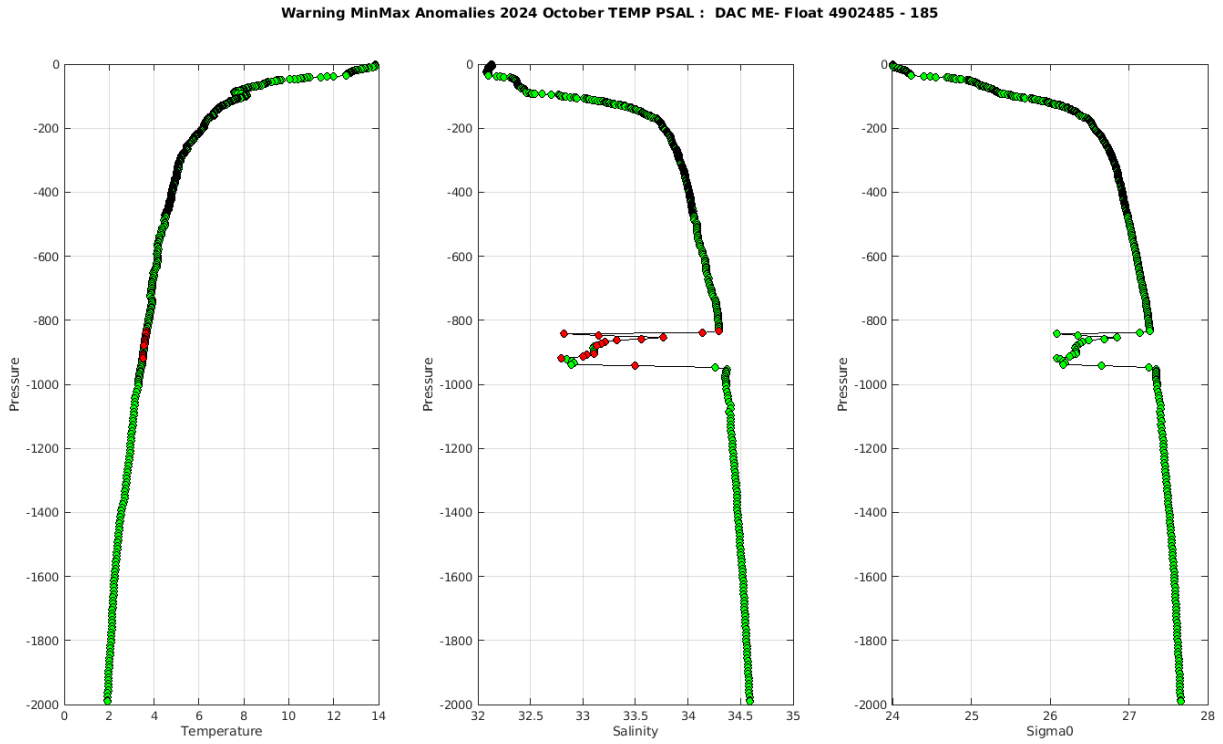
Float : 4902445 - Cycle : 229 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA08 - Date : 2024 10 7
Float : 4902445 - Cycle : 230 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA08 - Date : 2024 10 17
Float : 4902470 - Cycle : 198 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2024 10 8
Float : 4902470 - Cycle : 199 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2024 10 18
Float : 4902470 - Cycle : 200 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2024 10 28
Float : 4902485 - Cycle : 185 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260019CA14 - Date : 2024 9 30
Float : 4902547 - Cycle : 151 - PI : Blair Greenan - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260020CA32 - Date : 2024 10 20
Float : 4902595 - Cycle : 89 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2024 10 5
Float : 4902595 - Cycle : 90 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2024 10 15
Float : 4902595 - Cycle : 91 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2024 10 25
Float : 4902624 - Cycle : 13 - PI : Blair Greenan - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P41305-22CA005 - Date : 2024 10 29
Float : 4902657 - Cycle : 18 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260023CA02 - Date : 2024 10 3
Float : 4902657 - Cycle : 19 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260023CA02 - Date : 2024 10 13
Float : 4902657 - Cycle : 20 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260023CA02 - Date : 2024 10 23

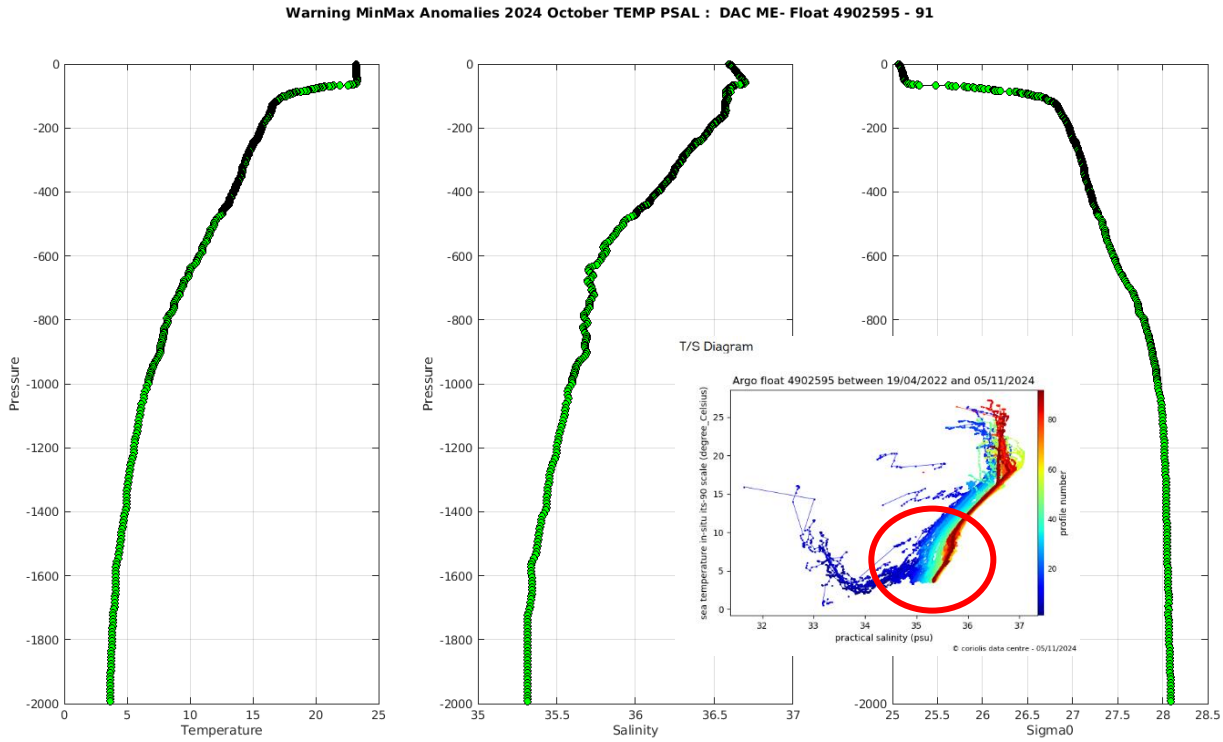
**Files data_mode=’D’**



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

Example of anomalies:




**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 -17014118346046900000000000000000000000 4
ME 3900085 120 2C+ PSAL -17014118346046900000000000000000000000 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 wid
th): 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 monoprofile, 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 onlmy 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 : 9052**

1900167 - Existing NetCDF files
File : 1900167_meta.nc - 1900167_prof.nc

1900168 - Existing NetCDF files
File : 1900168_meta.nc - 1900168_prof.nc

1900189 - Existing NetCDF files
File : 1900189_Rtraj.nc - 1900189_meta.nc - 1900189_tech.nc -

1900244 - Existing NetCDF files
File : 1900244_meta.nc - 1900244_prof.nc -

1900245 - Existing NetCDF files
File : 1900245_meta.nc - 1900245_prof.nc -

1900255 - Existing NetCDF files
File : 1900255_meta.nc - 1900255_prof.nc -

1900257 - Existing NetCDF files
File : 1900257_meta.nc - 1900257_prof.nc -

1900748 - Existing NetCDF files
File : 1900748_Rtraj.nc - 1900748_meta.nc - 1900748_tech.nc -

1900831 - Existing NetCDF files
File : 1900831_Rtraj.nc - 1900831_meta.nc - 1900831_tech.nc -

1901658 - Existing NetCDF files
File : 1901658_Rtraj.nc - 1901658_meta.nc - 1901658_tech.nc -

2901106 - Existing NetCDF files
File : 2901106_Rtraj.nc - 2901106_meta.nc - 2901106_tech.nc

3900148 - Existing NetCDF files
File : 3900148_meta.nc - 3900148_prof.nc -

3900160 - Existing NetCDF files
File : 3900160_Rtraj.nc - 3900160_meta.nc - 3900160_tech.nc -

3902354 - Existing NetCDF files
File : 3902354_meta.nc - 3902354_prof.nc

41534 - Existing NetCDF files
File : 41534_Rtraj.nc - 41534_meta.nc - 41534_tech.nc -

4900228 - Existing NetCDF files
File : 4900228_meta.nc - 4900228_prof.nc -

4900229 - Existing NetCDF files
File : 4900229_meta.nc - 4900229_prof.nc -

4900230 - Existing NetCDF files
File : 4900230_meta.nc - 4900230_prof.nc -

4900268 - Existing NetCDF files
File : 4900268_meta.nc - 4900268_prof.nc -

4900269 - Existing NetCDF files
File : 4900269_meta.nc - 4900269_prof.nc -

4900270 - Existing NetCDF files
File : 4900270_meta.nc - 4900270_prof.nc -

4900271 - Existing NetCDF files
File : 4900271_meta.nc - 4900271_prof.nc -

4900272 - Existing NetCDF files
File : 4900272_meta.nc - 4900272_prof.nc -

4900273 - Existing NetCDF files
File : 4900273_meta.nc - 4900273_prof.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 -

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 -

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

## 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 : 912**

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
File : 1901865_meta.nc - 1901865_prof.nc - 1901865_tech.nc -

1901866 - Existing NetCDF files
File : 1901866_meta.nc - 1901866_prof.nc - 1901866_tech.nc -

1901867 - Existing NetCDF files
File : 1901867_meta.nc - 1901867_prof.nc - 1901867_tech.nc -

1901868 - Existing NetCDF files
File : 1901868_meta.nc - 1901868_prof.nc - 1901868_tech.nc -

1901869 - Existing NetCDF files
File : 1901869_meta.nc - 1901869_prof.nc - 1901869_tech.nc -

1901870 - Existing NetCDF files
File : 1901870_meta.nc - 1901870_prof.nc - 1901870_tech.nc -

1901871 - Existing NetCDF files
File : 1901871_meta.nc - 1901871_prof.nc - 1901871_tech.nc -

1901872 - Existing NetCDF files
File : 1901872_meta.nc - 1901872_prof.nc - 1901872_tech.nc -

1901873 - Existing NetCDF files
File : 1901873_meta.nc - 1901873_prof.nc - 1901873_tech.nc -

1901875 - Existing NetCDF files
File : 1901875_meta.nc - 1901875_prof.nc - 1901875_tech.nc -

1901876 - Existing NetCDF files
File : 1901876_meta.nc - 1901876_prof.nc - 1901876_tech.nc -

1901877 - Existing NetCDF files
File : 1901877_meta.nc - 1901877_prof.nc - 1901877_tech.nc -

1901878 - Existing NetCDF files
File : 1901878_meta.nc - 1901878_prof.nc - 1901878_tech.nc -

1901879 - Existing NetCDF files
File : 1901879_meta.nc - 1901879_prof.nc - 1901879_tech.nc -

1901880 - Existing NetCDF files
File : 1901880_meta.nc - 1901880_prof.nc - 1901880_tech.nc -

1901881 - Existing NetCDF files
File : 1901881_meta.nc - 1901881_prof.nc - 1901881_tech.nc -

1901882 - Existing NetCDF files
File : 1901882_meta.nc - 1901882_prof.nc - 1901882_tech.nc -

1901883 - Existing NetCDF files
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1901884 - Existing NetCDF files
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1901885 - Existing NetCDF files
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1901886 - Existing NetCDF files
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1901887 - Existing NetCDF files
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1901888 - Existing NetCDF files

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1901889 - Existing NetCDF files
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1901890 - Existing NetCDF files
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1901892 - Existing NetCDF files
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1901893 - Existing NetCDF files
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1901894 - Existing NetCDF files
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1901895 - Existing NetCDF files
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1901896 - Existing NetCDF files
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1901897 - Existing NetCDF files
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1901898 - Existing NetCDF files
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1901899 - Existing NetCDF files
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1901900 - Existing NetCDF files
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1901901 - Existing NetCDF files
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1901902 - Existing NetCDF files
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1901903 - Existing NetCDF files
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1901904 - Existing NetCDF files
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1901906 - Existing NetCDF files
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1901907 - Existing NetCDF files
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1901909 - Existing NetCDF files
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1901910 - Existing NetCDF files
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1901911 - Existing NetCDF files
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1901912 - Existing NetCDF files
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1901914 - Existing NetCDF files
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1901915 - Existing NetCDF files
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1901916 - Existing NetCDF files
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1901917 - Existing NetCDF files
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1901918 - Existing NetCDF files
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1901919 - Existing NetCDF files
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1901920 - Existing NetCDF files
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1901921 - Existing NetCDF files
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1901922 - Existing NetCDF files
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1901923 - Existing NetCDF files
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1901924 - Existing NetCDF files
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1901925 - Existing NetCDF files
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1901926 - Existing NetCDF files
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1901927 - Existing NetCDF files
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1901928 - Existing NetCDF files
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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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1901940 - 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
File : 1902095_meta.nc - 1902095_prof.nc - 1902095_tech.nc -

1902096 - Existing NetCDF files
File : 1902096_meta.nc - 1902096_prof.nc - 1902096_tech.nc -

1902097 - Existing NetCDF files
File : 1902097_meta.nc - 1902097_prof.nc - 1902097_tech.nc -

1902099 - Existing NetCDF files
File : 1902099_meta.nc - 1902099_prof.nc - 1902099_tech.nc -

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 -

1902109 - Existing NetCDF files
File : 1902109_meta.nc - 1902109_prof.nc - 1902109_tech.nc -

1902110 - Existing NetCDF files
File : 1902110_meta.nc - 1902110_prof.nc - 1902110_tech.nc -

1902111 - Existing NetCDF files
File : 1902111_meta.nc - 1902111_prof.nc - 1902111_tech.nc -

1902112 - Existing NetCDF files
File : 1902112_meta.nc - 1902112_prof.nc - 1902112_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
File : 2901892_meta.nc - 2901892_prof.nc - 2901892_tech.nc -

2901893 - Existing NetCDF files
File : 2901893_meta.nc - 2901893_prof.nc - 2901893_tech.nc -

2901894 - Existing NetCDF files
File : 2901894_meta.nc - 2901894_prof.nc - 2901894_tech.nc -

2901895 - Existing NetCDF files
File : 2901895_meta.nc - 2901895_prof.nc - 2901895_tech.nc -

2901896 - Existing NetCDF files
File : 2901896_meta.nc - 2901896_prof.nc - 2901896_tech.nc -

2901897 - Existing NetCDF files
File : 2901897_meta.nc - 2901897_prof.nc - 2901897_tech.nc -

2901898 - Existing NetCDF files
File : 2901898_meta.nc - 2901898_prof.nc - 2901898_tech.nc -

2901899 - Existing NetCDF files
File : 2901899_meta.nc - 2901899_prof.nc - 2901899_tech.nc -

2901900 - Existing NetCDF files
File : 2901900_meta.nc - 2901900_prof.nc - 2901900_tech.nc -

2901902 - Existing NetCDF files
File : 2901902_meta.nc - 2901902_prof.nc - 2901902_tech.nc -

2901903 - Existing NetCDF files
File : 2901903_meta.nc - 2901903_prof.nc - 2901903_tech.nc -

2901904 - Existing NetCDF files
File : 2901904_meta.nc - 2901904_prof.nc - 2901904_tech.nc -

2901905 - Existing NetCDF files
File : 2901905_meta.nc - 2901905_prof.nc - 2901905_tech.nc -

2903773 - Existing NetCDF files
File : 2903773_meta.nc - 2903773_prof.nc - 2903773_tech.nc -

2903791 - Existing NetCDF files
File : 2903791_meta.nc - 2903791_prof.nc - 2903791_tech.nc -

2903897 - Existing NetCDF files
File : 2903897_meta.nc - 2903897_prof.nc - 2903897_tech.nc -

3900538 - Existing NetCDF files
File : 3900538_meta.nc - 3900538_prof.nc - 3900538_tech.nc -

3900559 - Existing NetCDF files
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3900560 - Existing NetCDF files
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6990522 - Existing NetCDF files
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6990631 - Existing NetCDF files
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7901008 - Existing NetCDF files
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7901024 - Existing NetCDF files
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7901034 - Existing NetCDF files
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7901093 - Existing NetCDF files
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7901132 - Existing NetCDF files
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### 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 : 3860**

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

6903868 - Existing NetCDF files
File : 6903868_Rtraj.nc - 6903868_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 : 559**

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 : 1179**

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 : 541**

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
File : 2902230_meta.nc - 2902230_prof.nc - 2902230_tech.nc -

2902231 - Existing NetCDF files
File : 2902231_meta.nc - 2902231_prof.nc - 2902231_tech.nc -

2902232 - Existing NetCDF files
File : 2902232_meta.nc - 2902232_prof.nc - 2902232_tech.nc -

2902233 - Existing NetCDF files
File : 2902233_meta.nc - 2902233_prof.nc - 2902233_tech.nc -

2902234 - Existing NetCDF files
File : 2902234_meta.nc - 2902234_prof.nc - 2902234_tech.nc -

2902235 - Existing NetCDF files
File : 2902235_meta.nc - 2902235_prof.nc - 2902235_tech.nc -

2902236 - Existing NetCDF files
File : 2902236_meta.nc - 2902236_prof.nc - 2902236_tech.nc -

2902246 - Existing NetCDF files
File : 2902246_meta.nc - 2902246_prof.nc - 2902246_tech.nc -

2902248 - Existing NetCDF files
File : 2902248_meta.nc - 2902248_prof.nc - 2902248_tech.nc -

2902249 - Existing NetCDF files
File : 2902249_meta.nc - 2902249_prof.nc - 2902249_tech.nc -

2902250 - Existing NetCDF files
File : 2902250_meta.nc - 2902250_prof.nc - 2902250_tech.nc -

2902251 - Existing NetCDF files
File : 2902251_meta.nc - 2902251_prof.nc - 2902251_tech.nc -

2902252 - Existing NetCDF files
File : 2902252_meta.nc - 2902252_prof.nc - 2902252_tech.nc -

2902253 - Existing NetCDF files
File : 2902253_meta.nc - 2902253_prof.nc - 2902253_tech.nc -

2902254 - Existing NetCDF files
File : 2902254_meta.nc - 2902254_prof.nc - 2902254_tech.nc -

2902255 - Existing NetCDF files
File : 2902255_meta.nc - 2902255_prof.nc - 2902255_tech.nc -

2902256 - Existing NetCDF files
File : 2902256_meta.nc - 2902256_prof.nc - 2902256_tech.nc -

2902257 - Existing NetCDF files
File : 2902257_meta.nc - 2902257_prof.nc - 2902257_tech.nc -

2902258 - Existing NetCDF files
File : 2902258_meta.nc - 2902258_prof.nc - 2902258_tech.nc -

2902259 - Existing NetCDF files
File : 2902259_meta.nc - 2902259_prof.nc - 2902259_tech.nc -

2902260 - Existing NetCDF files
File : 2902260_meta.nc - 2902260_prof.nc - 2902260_tech.nc -

2902261 - Existing NetCDF files
File : 2902261_meta.nc - 2902261_prof.nc - 2902261_tech.nc -

2902262 - Existing NetCDF files
File : 2902262_meta.nc - 2902262_prof.nc - 2902262_tech.nc -

2902265 - Existing NetCDF files
File : 2902265_meta.nc - 2902265_prof.nc - 2902265_tech.nc -

2902266 - Existing NetCDF files
File : 2902266_meta.nc - 2902266_prof.nc - 2902266_tech.nc -

2902267 - Existing NetCDF files
File : 2902267_meta.nc - 2902267_prof.nc - 2902267_tech.nc -

2902268 - Existing NetCDF files
File : 2902268_meta.nc - 2902268_prof.nc - 2902268_tech.nc -

2902269 - Existing NetCDF files
File : 2902269_meta.nc - 2902269_prof.nc - 2902269_tech.nc -

2902278 - Existing NetCDF files
File : 2902278_meta.nc - 2902278_prof.nc - 2902278_tech.nc -

2902279 - Existing NetCDF files
File : 2902279_meta.nc - 2902279_prof.nc - 2902279_tech.nc -

2902280 - Existing NetCDF files
File : 2902280_meta.nc - 2902280_prof.nc - 2902280_tech.nc -

2902281 - Existing NetCDF files
File : 2902281_meta.nc - 2902281_prof.nc - 2902281_tech.nc -

2902282 - Existing NetCDF files
File : 2902282_meta.nc - 2902282_prof.nc - 2902282_tech.nc -

2902283 - Existing NetCDF files
File : 2902283_meta.nc - 2902283_prof.nc - 2902283_tech.nc -

2902284 - Existing NetCDF files
File : 2902284_meta.nc - 2902284_prof.nc - 2902284_tech.nc -

2902285 - Existing NetCDF files
File : 2902285_meta.nc - 2902285_prof.nc - 2902285_tech.nc -

2902286 - Existing NetCDF files
File : 2902286_meta.nc - 2902286_prof.nc - 2902286_tech.nc -

2902287 - Existing NetCDF files
File : 2902287_meta.nc - 2902287_prof.nc - 2902287_tech.nc -

2902288 - Existing NetCDF files
File : 2902288_meta.nc - 2902288_prof.nc - 2902288_tech.nc -

2902289 - Existing NetCDF files
File : 2902289_meta.nc - 2902289_prof.nc - 2902289_tech.nc -

2902290 - Existing NetCDF files
File : 2902290_meta.nc - 2902290_prof.nc - 2902290_tech.nc -

2902291 - Existing NetCDF files
File : 2902291_meta.nc - 2902291_prof.nc - 2902291_tech.nc -

2902292 - Existing NetCDF files
File : 2902292_meta.nc - 2902292_prof.nc - 2902292_tech.nc -

2902293 - Existing NetCDF files
File : 2902293_meta.nc - 2902293_prof.nc - 2902293_tech.nc -

2902300 - Existing NetCDF files
File : 2902300_meta.nc - 2902300_prof.nc - 2902300_tech.nc -

2902301 - Existing NetCDF files
File : 2902301_meta.nc - 2902301_prof.nc - 2902301_tech.nc -

2902302 - Existing NetCDF files
File : 2902302_meta.nc - 2902302_prof.nc - 2902302_tech.nc -

2902303 - Existing NetCDF files
File : 2902303_meta.nc - 2902303_prof.nc - 2902303_tech.nc -

2902304 - Existing NetCDF files
File : 2902304_meta.nc - 2902304_prof.nc - 2902304_tech.nc -

2903891 - Existing NetCDF files
File : 2903891_meta.nc - 2903891_prof.nc - 2903891_tech.nc -

2903892 - Existing NetCDF files
File : 2903892_meta.nc - 2903892_prof.nc - 2903892_tech.nc -

2903893 - Existing NetCDF files
File : 2903893_meta.nc - 2903893_prof.nc - 2903893_tech.nc -

2903894 - Existing NetCDF files
File : 2903894_meta.nc - 2903894_prof.nc - 2903894_tech.nc -

2903895 - Existing NetCDF files
File : 2903895_meta.nc - 2903895_prof.nc - 2903895_tech.nc -

3902573 - Existing NetCDF files
File : 3902573_meta.nc - 3902573_prof.nc - 3902573_tech.nc -

4903775 - Existing NetCDF files
File : 4903775_meta.nc - 4903775_prof.nc - 4903775_tech.nc -

4903776 - Existing NetCDF files
File : 4903776_meta.nc - 4903776_prof.nc - 4903776_tech.nc -

4903777 - Existing NetCDF files
File : 4903777_meta.nc - 4903777_prof.nc - 4903777_tech.nc -

5907082 - Existing NetCDF files
File : 5907082_meta.nc - 5907082_prof.nc - 5907082_tech.nc -

5907083 - Existing NetCDF files
File : 5907083_meta.nc - 5907083_prof.nc - 5907083_tech.nc -

5907084 - Existing NetCDF files
File : 5907084_meta.nc - 5907084_prof.nc - 5907084_tech.nc -

5907085 - Existing NetCDF files
File : 5907085_meta.nc - 5907085_prof.nc - 5907085_tech.nc -

6990608 - Existing NetCDF files
File : 6990608_meta.nc - 6990608_prof.nc - 6990608_tech.nc -

6990609 - Existing NetCDF files
File : 6990609_meta.nc - 6990609_prof.nc - 6990609_tech.nc -

6990610 - Existing NetCDF files
File : 6990610_meta.nc - 6990610_prof.nc - 6990610_tech.nc -

6990611 - Existing NetCDF files
File : 6990611_meta.nc - 6990611_prof.nc - 6990611_tech.nc -

6990612 - Existing NetCDF files
File : 6990612_meta.nc - 6990612_prof.nc - 6990612_tech.nc -

6990613 - Existing NetCDF files
File : 6990613_meta.nc - 6990613_prof.nc - 6990613_tech.nc -

6990614 - Existing NetCDF files
File : 6990614_meta.nc - 6990614_prof.nc - 6990614_tech.nc -

6990615 - Existing NetCDF files
File : 6990615_meta.nc - 6990615_prof.nc - 6990615_tech.nc -

6990616 - Existing NetCDF files
File : 6990616_meta.nc - 6990616_prof.nc - 6990616_tech.nc -

6990617 - Existing NetCDF files
File : 6990617_meta.nc - 6990617_prof.nc - 6990617_tech.nc -

6990618 - Existing NetCDF files
File : 6990618_meta.nc - 6990618_prof.nc - 6990618_tech.nc -

7901125 - Existing NetCDF files
File : 7901125_meta.nc - 7901125_prof.nc - 7901125_tech.nc -

7901126 - Existing NetCDF files
File : 7901126_meta.nc - 7901126_prof.nc - 7901126_tech.nc -

7901127 - Existing NetCDF files
File : 7901127_meta.nc - 7901127_prof.nc - 7901127_tech.nc -

7901128 - Existing NetCDF files
File : 7901128_meta.nc - 7901128_prof.nc - 7901128_tech.nc -

7901130 - Existing NetCDF files
File : 7901130_meta.nc - 7901130_prof.nc - 7901130_tech.nc -

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**

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**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 : 1955**

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
File : 1902335_meta.nc - 1902335_prof.nc -

1902336 - Existing NetCDF files
File : 1902336_meta.nc - 1902336_prof.nc -

1902337 - Existing NetCDF files
File : 1902337_meta.nc - 1902337_prof.nc -

1902339 - Existing NetCDF files
File : 1902339_meta.nc - 1902339_prof.nc -

1902340 - Existing NetCDF files
File : 1902340_meta.nc - 1902340_prof.nc -

1902341 - Existing NetCDF files
File : 1902341_meta.nc - 1902341_prof.nc -

1902342 - Existing NetCDF files
File : 1902342_meta.nc - 1902342_prof.nc -

1902343 - Existing NetCDF files
File : 1902343_meta.nc - 1902343_prof.nc -

1902344 - Existing NetCDF files
File : 1902344_meta.nc - 1902344_prof.nc -

1902348 - Existing NetCDF files
File : 1902348_meta.nc - 1902348_prof.nc -

1902351 - Existing NetCDF files
File : 1902351_meta.nc - 1902351_prof.nc -

2901998 - Existing NetCDF files
File : 2901998_meta.nc - 2901998_prof.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
File : 2903006_Sprof.nc - 2903006_meta.nc - 2903006_prof.nc -

2903007 - Existing NetCDF files
File : 2903007_Sprof.nc - 2903007_meta.nc - 2903007_prof.nc -

2903008 - Existing NetCDF files
File : 2903008_Sprof.nc - 2903008_meta.nc - 2903008_prof.nc -

2903009 - Existing NetCDF files
File : 2903009_Sprof.nc - 2903009_meta.nc - 2903009_prof.nc -

2903010 - Existing NetCDF files
File : 2903010_Sprof.nc - 2903010_meta.nc - 2903010_prof.nc -

2903011 - Existing NetCDF files
File : 2903011_Sprof.nc - 2903011_meta.nc - 2903011_prof.nc -

2903012 - Existing NetCDF files

File : 2903012_Sprof.nc - 2903012_meta.nc - 2903012_prof.nc -

2903013 - Existing NetCDF files
File : 2903013_Sprof.nc - 2903013_meta.nc - 2903013_prof.nc -

2903014 - Existing NetCDF files
File : 2903014_Sprof.nc - 2903014_meta.nc - 2903014_prof.nc -

2903165 - Existing NetCDF files
File : 2903165_Sprof.nc - 2903165_meta.nc - 2903165_prof.nc -

2903166 - Existing NetCDF files
File : 2903166_Sprof.nc - 2903166_meta.nc - 2903166_prof.nc -

2903167 - Existing NetCDF files
File : 2903167_Sprof.nc - 2903167_meta.nc - 2903167_prof.nc -

2903168 - Existing NetCDF files
File : 2903168_Sprof.nc - 2903168_meta.nc - 2903168_prof.nc -

2903169 - Existing NetCDF files
File : 2903169_Sprof.nc - 2903169_meta.nc - 2903169_prof.nc -

2903170 - Existing NetCDF files
File : 2903170_Sprof.nc - 2903170_meta.nc - 2903170_prof.nc -

2903171 - Existing NetCDF files
File : 2903171_Sprof.nc - 2903171_meta.nc - 2903171_prof.nc -

2903172 - Existing NetCDF files
File : 2903172_Sprof.nc - 2903172_meta.nc - 2903172_prof.nc -

2903173 - Existing NetCDF files
File : 2903173_Sprof.nc - 2903173_meta.nc - 2903173_prof.nc -

2903174 - Existing NetCDF files
File : 2903174_Sprof.nc - 2903174_meta.nc - 2903174_prof.nc -

2903175 - Existing NetCDF files
File : 2903175_Sprof.nc - 2903175_meta.nc - 2903175_prof.nc -

2903176 - 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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2903329 - Existing NetCDF files
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2903330 - Existing NetCDF files
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2903346 - Existing NetCDF files
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2903347 - Existing NetCDF files
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2903348 - Existing NetCDF files
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2903349 - Existing NetCDF files
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2903350 - Existing NetCDF files
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2903351 - Existing NetCDF files
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2903352 - Existing NetCDF files
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2903353 - Existing NetCDF files
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2903354 - Existing NetCDF files
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2903356 - Existing NetCDF files
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2903357 - Existing NetCDF files
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2903359 - Existing NetCDF files
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2903389 - Existing NetCDF files
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2903393 - Existing NetCDF files
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2903394 - Existing NetCDF files
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2903395 - Existing NetCDF files
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2903396 - Existing NetCDF files
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2903397 - Existing NetCDF files
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2903399 - Existing NetCDF files
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2903400 - Existing NetCDF files
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2903401 - Existing NetCDF files
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2903402 - Existing NetCDF files
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2903403 - Existing NetCDF files
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2903404 - Existing NetCDF files
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2903605 - Existing NetCDF files
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2903606 - Existing NetCDF files
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2903607 - Existing NetCDF files
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2903608 - Existing NetCDF files
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2903609 - Existing NetCDF files
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2903610 - Existing NetCDF files
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2903611 - Existing NetCDF files
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2903612 - Existing NetCDF files
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2903613 - Existing NetCDF files
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2903614 - Existing NetCDF files
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2903615 - Existing NetCDF files
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2903616 - Existing NetCDF files
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2903617 - Existing NetCDF files
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2903630 - Existing NetCDF files
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2903631 - Existing NetCDF files
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2903632 - Existing NetCDF files
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2903648 - Existing NetCDF files
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2903649 - Existing NetCDF files
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2903650 - Existing NetCDF files
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2903651 - Existing NetCDF files
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2903652 - Existing NetCDF files
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2903653 - Existing NetCDF files
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2903654 - Existing NetCDF files
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2903655 - Existing NetCDF files
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2903656 - Existing NetCDF files
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2903657 - Existing NetCDF files
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2903658 - Existing NetCDF files
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2903659 - Existing NetCDF files
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2903660 - Existing NetCDF files
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2903661 - Existing NetCDF files
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2903662 - Existing NetCDF files
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2903663 - Existing NetCDF files
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2903664 - Existing NetCDF files
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2903665 - Existing NetCDF files
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2903666 - Existing NetCDF files
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2903667 - Existing NetCDF files
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2903669 - Existing NetCDF files
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2903670 - Existing NetCDF files
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2903671 - Existing NetCDF files
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2903672 - Existing NetCDF files
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2903700 - Existing NetCDF files
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2903701 - Existing NetCDF files
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2903730 - Existing NetCDF files
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2903731 - Existing NetCDF files
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2903732 - Existing NetCDF files
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2903760 - Existing NetCDF files
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2903761 - Existing NetCDF files
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3902388 - Existing NetCDF files
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3902389 - Existing NetCDF files
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3902390 - Existing NetCDF files
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3902393 - Existing NetCDF files
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3902394 - Existing NetCDF files
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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
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4902983 - Existing NetCDF files
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4902990 - Existing NetCDF files
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4902991 - Existing NetCDF files
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4902992 - Existing NetCDF files
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4903607 - Existing NetCDF files
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4903608 - Existing NetCDF files
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4903609 - Existing NetCDF files
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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
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5905062 - Existing NetCDF files
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5905063 - Existing NetCDF files
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5905218 - Existing NetCDF files
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5905223 - Existing NetCDF files
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5905224 - Existing NetCDF files

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5905225 - Existing NetCDF files
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5905226 - Existing NetCDF files
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5905227 - Existing NetCDF files
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5905228 - Existing NetCDF files
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5905229 - Existing NetCDF files
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5905232 - Existing NetCDF files
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5905233 - Existing NetCDF files
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5905834 - Existing NetCDF files
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5905835 - Existing NetCDF files
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5905836 - Existing NetCDF files
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5905837 - Existing NetCDF files
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5905838 - Existing NetCDF files
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5905841 - Existing NetCDF files
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5905842 - Existing NetCDF files
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5905843 - Existing NetCDF files
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5905851 - Existing NetCDF files
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5905856 - Existing NetCDF files
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5905858 - Existing NetCDF files
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5905860 - Existing NetCDF files
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5905861 - Existing NetCDF files
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5905862 - Existing NetCDF files
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5905863 - Existing NetCDF files
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5905864 - Existing NetCDF files
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5905865 - Existing NetCDF files
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5905866 - Existing NetCDF files
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5905867 - Existing NetCDF files
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5905868 - Existing NetCDF files
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5905869 - Existing NetCDF files
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5905870 - Existing NetCDF files
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5905871 - Existing NetCDF files
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5905872 - Existing NetCDF files
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5905873 - Existing NetCDF files
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5905874 - Existing NetCDF files
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5905875 - Existing NetCDF files
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5905876 - Existing NetCDF files
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5905877 - Existing NetCDF files
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5905878 - Existing NetCDF files
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5905879 - Existing NetCDF files
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5905880 - Existing NetCDF files
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5905881 - Existing NetCDF files
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5905882 - Existing NetCDF files
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5905883 - Existing NetCDF files
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5906384 - Existing NetCDF files
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5906385 - Existing NetCDF files
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5906386 - Existing NetCDF files
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5906387 - Existing NetCDF files
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5906388 - Existing NetCDF files
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5906389 - Existing NetCDF files
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5906391 - Existing NetCDF files
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5906392 - Existing NetCDF files
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5906393 - Existing NetCDF files
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5906594 - Existing NetCDF files
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5906595 - Existing NetCDF files
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5906596 - Existing NetCDF files
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5906597 - Existing NetCDF files
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5906598 - Existing NetCDF files
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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
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7900652 - Existing NetCDF files
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7900653 - Existing NetCDF files
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7900654 - Existing NetCDF files
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7900655 - Existing NetCDF files
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7900657 - Existing NetCDF files
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7900658 - Existing NetCDF files
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7900660 - Existing NetCDF files
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7900691 - Existing NetCDF files
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7900863 - Existing NetCDF files
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7900864 - Existing NetCDF files
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7900866 - Existing NetCDF files
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7900868 - Existing NetCDF files
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7900872 - Existing NetCDF files
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7900873 - Existing NetCDF files
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7900874 - Existing NetCDF files
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7900875 - Existing NetCDF files
File : 7900875_Sprof.nc - 7900875_meta.nc - 7900875_prof.nc -

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

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

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

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

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

### 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 monoprofile, 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 : 721**

### 8.11. NMDIS

**For some floats :**

- 

**See below the list of floats with existing nc files :**
**DAC name : nmdis – Number of floats : 19**