



## **GDAC Float Anomalies Monitoring**

**February 2023**

**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.

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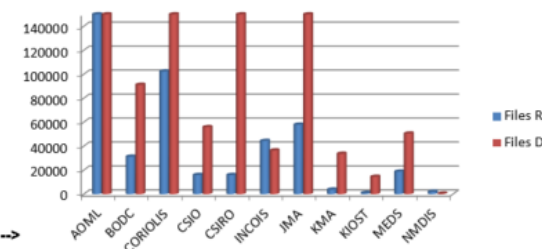
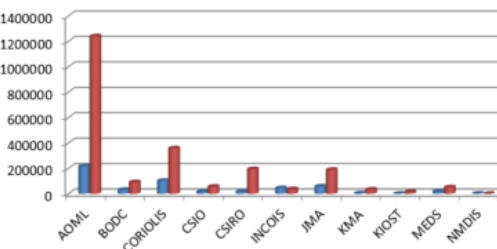
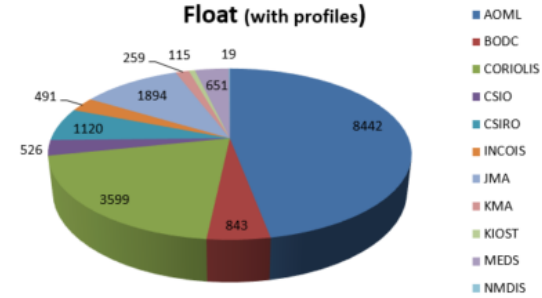
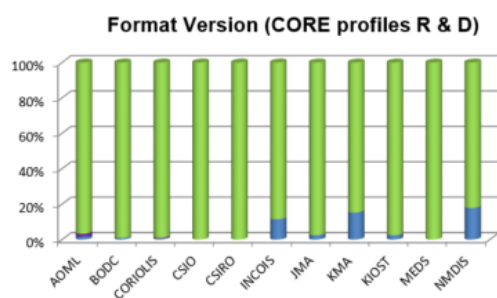
# 1. Anomalies of Argo profiles – Suspected drift

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).

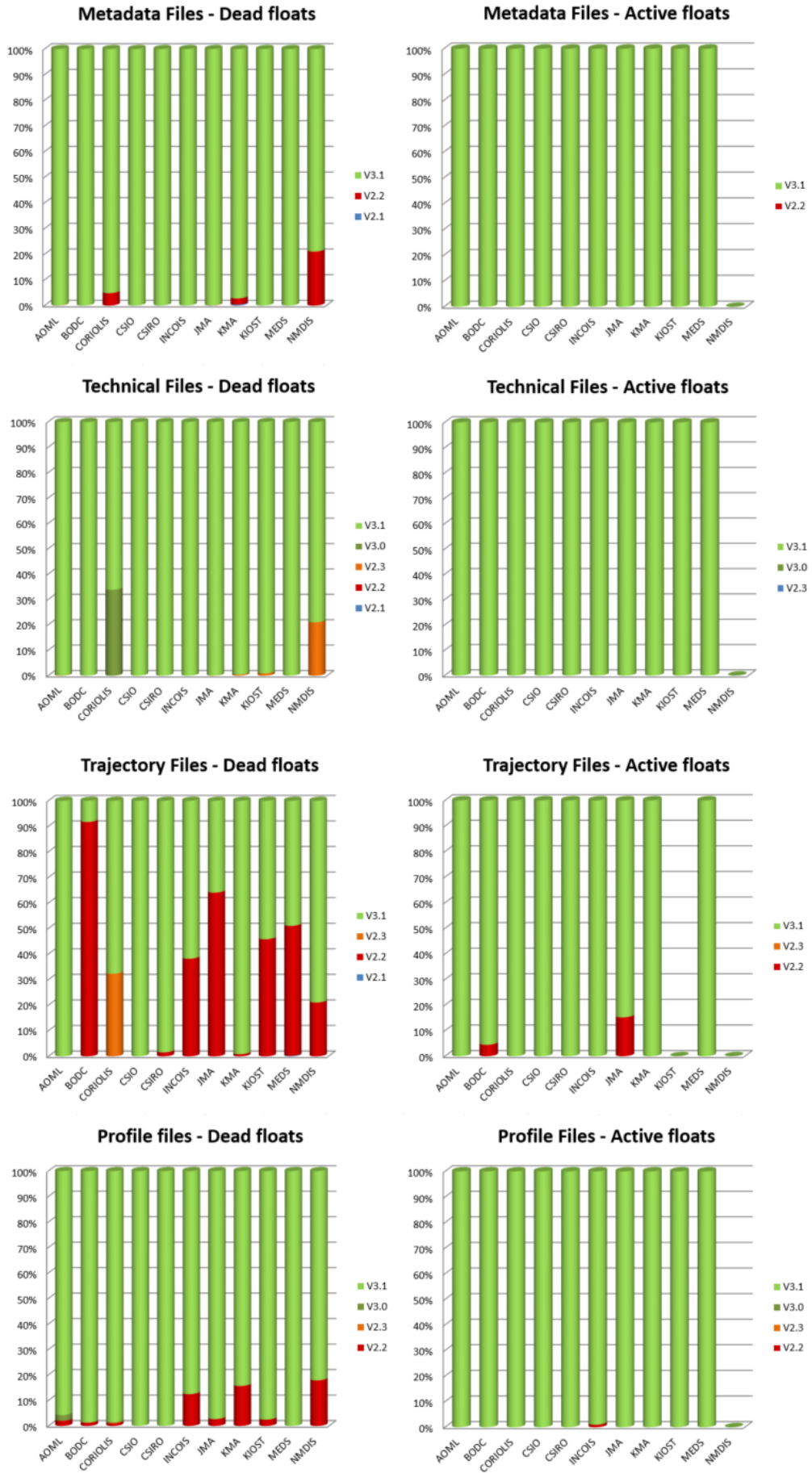
DAC	WMO	PI	First station in alert	First cycle in alert	Last Station in alert	Last cycle in alert	QC level in RT in Coriolis DB	Description	SENSOR_MODEL	SERIAL_NUM	Failure_Type for Coriolis DB (1- drift, 2-bias, 3-weird, 4-wrecked, 5- pressure, 6- adjustment issue)	Comment All drift mentions are SUSPICION drift value mentions are visual impression 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, P/DM response: N/A*
<b>NEW</b>													
AOML	3901284	GREGORY C. JOHNSON	2023/02/09	220	2023/03/01	222	3	Argo PMEL	SBE41CP	08646	1	Drift	
AOML	3902180	DEAN ROEMMICH	2023/02/17	120			3	Argo SIO	SBE41CP_V7.2.5	11290	3	Strange profile	
AOML	5905296	GREGORY C. JOHNSON	2023/02/03	198			3	Argo PMEL	SBE41CP	09642	1	Slight drift	
AOML	5906203	STEPHEN RISER	2023/03/01	115			3	Argo UW	SBE41CP	11474	1	Slight drift	
BODC	6901921	Diarmuid O'Conchubhair	2023/02/08	315	2023/02/24	317	3	Argo IRELAND	SBE41CP	6641	1	Slight drift ?	
CORIOLIS	6901250	Pedro Velez	2023/02/06	399	2023/02/24	403	3	Argo SPAIN	SBE41CP_V7.2.5	8944	3	Jump with drift ?	
CORIOLIS	6902763	Sabrina Speich	2023/02/05	183	2023/02/25	185	3	CORIOLIS	SBE41CP_V7.2.5	8508	1	ASD	
CORIOLIS	6902915	Gillaume MAZE	2023/02/28	148			3	CORIOLIS	SBE41CP_V7.2.5	10712	1	Slight drift ?	
CORIOLIS	6902888	Damien DESBRUYERES	2023/02/12	91			3	CORIOLIS	SBE41CP_V7.2.5	10041	3	Jump with drift ?	
CORIOLIS	6903077	Christine COATANODAN	2023/02/19	46	2023/03/01	47	3	CORIOLIS	RBR_ARGO3	203914	3	Jump with drift ?	
INCOIS	2901183	M Ravichandran	2023/02/01	272			3	Argo INDIA	SBE41CP	7250	1	Slight drift ?	
JMA	3902388	JAMSTEC	2023/02/15	152			3	JAMSTEC	SBE41CP_V7.2.5	10486	1	Drift	
MEDS	4902443	Blair Greenan	2023/02/24	147			3	Argo CANADA	SBE41CP	41CP-10472	1	Slight drift	
<b>PREVIOUS REPORTS (in last 2 months)</b>													
AOML	3902150	GREGORY C. JOHNSON	2022/09/21	184	2023/02/16	149	3	Argo PMEL	SBE61	5716	1	Slight drift ?	
AOML	3902288	SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON	2022/12/25	1	2023/01/26	7	3	US Argo Project	SBE41CP_V7.2.5	14290	2	All first cycles with a bias ? young float, bias comparing to minmax/climatologies - short term TBT issues and will be dealt with in DMQC	
AOML	4901079	GREGORY C. JOHNSON	2022/10/18	279	2023/01/26	283	3	Argo PMEL	SBE41CP	6289	1	Drift	
AOML	4902937	GREGORY C. JOHNSON	2022/02/25	172	2023/01/22	209	3	Argo PMEL	SBE41CP	09041	1	Slight drift	
AOML	4903332	WUFFELS, JAYNE, ROBBINS	2023/01/24	79			3	Argo WHOI	SBE41CP	11928	1	Drift	
AOML	5905154	STEPHEN RISER	2022/09/18	177	2023/02/05	191	3	Argo UW	SBE41CP	8359	1	Slight drift	
AOML	5906459	STEPHEN RISER	2023/01/04	39	2023/02/04	42	3	Argo UW	SBE41CP	13586	1	Drift	
AOML	5906758	SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON	2023/01/20	83			3	Argo SIO	SBE41CP_V7.2.5	14291	3	Bad profile with drift ?	
BODC	1901873	Jon Turton	2022/07/12	219	2023/02/26	242	3	Argo UK	SBE41CP_V7.2.5	08117	1	Drift ?	
BODC	1901527	Jon Turton	2022/12/09	261	2023/02/27	269	3	Argo UK	SBE41CP	6716	1	Slight drift ?	
BODC	6902753	Brian King	2020/12/19	1	2023/02/21	84	3	Argo UK	RBR_ARGO3	203420	1	Drift - Finally start at cycle 1 instead of cycle 12	
CORIOLIS	4903642	Birgit Klein	2023/01/12	1	2023/02/01	3	3	Argo BSH	SBE41CP	41_18136	1	Drift ?	
CORIOLIS	5906969	Vincent TAILLANDIER	2022/12/01	13	2023/02/20	21	3	CORIOLIS	SBE41CP_V7.2.5	13733	3	Bad profile	
CORIOLIS	6902848	Franck Dumas	2022/10/08	291	2023/03/02	320	3	CORIOLIS	SBE41CP_V7.2.5	8975	1	Drift	
INCOIS	2902185	M Ravichandran	2020/12/29	190	2023/02/27	269	3	Indian Argo	SBE41CP	6670	1	Drift	
INCOIS	2902201	M Ravichandran	2020/08/23	164	2023/02/19	255	3	Indian Argo	SBE41	7642	1	Drift	
INCOIS	2902209	M Ravichandran	2019/03/10	92	2023/03/02	240	3 & 4	Indian Argo	SBE41CP	8353	1	eddy-rich region, cycle 109 (20190824) is 0.25 psu saltier than surrounding profiles	
INCOIS	2902222	M Ravichandran	2020/06/09	161	2023/03/01	224	3	Indian Argo	SBE41	6672	1	Drift	
INCOIS	2902265	M Ravichandran	2022/09/28	134	2023/02/25	149	3	Argo INDIA	SBE41CP	11193	1	Slight drift	
INCOIS	2902267	M Ravichandran	2021/08/08	93	2023/03/01	150	3 & 4	Argo INDIA	SBE41CP	11206	1	Slight drift	
JMA	2902675	JMA	2023/01/06	131	2023/03/01	154	3	Argo JMA	SBE41CP_V7.2.5	12962	1	Slight drift	
KMA	2901792	KiRyong Kang -> Grey List with stop date : 20220903 ?	2022/01/22	116	2023/02/25	173	3	Argo NIMS/KMA	SBE41CP	11994	2	Jump with bad data ? Recorded in grey list but still in alert, 2 lines on greylist	
KORDI	3902470	Sung-Dae Kim	2022/10/13	1	2023/03/02	15	3	Argo KIOST	SBE41CP	16477	2	Bias from beginning ?	
MEDS	4902444	Blair Greenan	2022/05/21	120	2023/01/01	142	3	Argo CANADA	SBE41CP	41CP-10473	1	Slight drift ? Comparing to neighbour, seems drifted	
MEDS	4902445	Blair Greenan	2022/12/23	165	2023/02/12	170	3	Argo CANADA	SBE41CP	41CP-10474	1	Slight drift ? Comparing to neighbour, seems drifted	
MEDS	4902459	Blair Greenan	2022/12/28	163	2023/01/07	164	3	Argo CANADA	SBE41CP	41CP-10641	1	Slight drift ? Comparing to neighbour, seems drifted	
MEDS	4902595	Blair Greenan	2022/10/21	19	2023/02/21	31	3	Argo CANADA	SBE41CP	41CP-13209	1	Beginning of drift ?	
<b>Floats on grey list since last month (from feedback and check of greylist index)</b>													
AOML	3901179	GREGORY C. JOHNSON -> Grey List	2023/01/05	813	2023/01/25	315	3	Argo PMEL	SBE41CP	5542	1	Slight drift	
AOML	3901249	DEAN ROEMMICH -> Grey List	2023/01/17	236	2023/01/27	238	3	Argo SIO	SBE41CP_V7.2.5	8159	1	Drift	
AOML	3902151	GREGORY C. JOHNSON -> Grey List	2022/12/17	128	2023/01/23	132	3	Argo PMEL	SBE61	5718	1	Slight drift ?	
AOML	3902163	GREGORY C. JOHNSON -> Grey List	2022/08/22	124	2023/01/23	140	3	Argo PMEL	SBE	5646	1	Slight drift	
AOML	4901648	GREGORY C. JOHNSON -> Grey List	2023/01/10	908	2023/01/30	310	3	Argo PMEL	SBE41CP	5579	3	Strange profiles	
AOML	4901656	GREGORY C. JOHNSON -> Grey List	2022/10/12	299	2023/01/30	304	3	Argo PMEL	SBE41CP	5728	3	Bad profiles from cycle 293	
AOML	4902088	GREGORY C. JOHNSON -> Grey List	2022/09/01	248	2023/01/26	275	3 & 4	Argo PMEL	SBE41CP	7178	1	Drift and bad values	PSAL_3_248/N/A
AOML	4902326	DEAN ROEMMICH -> Grey List	2023/01/10	147			3	Argo SIO	SBE61_V5.0.1	5610	1	Slight drift. Answer form IG : This is a deep float that I will address early next week. It is definitely drifting and I'll likely greylist it.	
AOML	4902947	GREGORY C. JOHNSON -> Grey List	2022/10/10	190	2023/01/28	201	3	Argo PMEL	SBE41CP	09643	1	Drift, jump ?	
AOML	4902999	GREGORY C. JOHNSON -> Grey List	2022/10/10	169	2023/01/28	174	3	Argo PMEL	SBE41CP_V7.2.5	09965	1	Slight drift	
AOML	4903196	GREGORY C. JOHNSON -> Grey List	2022/12/23	139	2023/02/01	143	3	Argo PMEL	SBE41CP	11125	1	ASD ?	
AOML	5902470	DEAN ROEMMICH -> Grey List	2023/01/13	246			3	Argo SIO	SBE41CP_V7.2.5	7989	1	Drift	
AOML	5904056	GREGORY C. JOHNSON -> Grey List	2022/09/07	811	2023/01/25	325	3	Argo PMEL	SBE41CP	5132	3	Strange profile, drift ? Or bad profile ?	
AOML	5904813	STEPHEN RISER -> Grey List	2023/01/19	229	2023/01/29	230	3	Argo UW	SBE41CP	7785	1 or 2	Drift or large bias - jump ? TBC with next profile	
AOML	5904867	GREGORY C. JOHNSON -> Grey List	2022/08/18	217	2023/01/26	227	3	Argo PMEL	SBE41CP_V7.2.5	08547	1	Slight drift	
AOML	5904987	STEPHEN RISER -> Grey List	2023/01/09	220			3	Argo UW	SBE41CP	7823	3	Incorrect profile compared to the entire time series	
AOML	5905351	STEPHEN RISER -> Grey List	2023/01/31	193			3	Argo UW	SBE41CP	4816	1	Slight drift	
AOML	5905742	GREGORY C. JOHNSON -> Grey List	2022/09/15	154	2023/01/23	167	3	Argo PMEL	SBE41CP	10557	3	Drift ? Small jump ?	PSAL_3_154/N/1
AOML	5906096	GREGORY C. JOHNSON -> Grey List	2022/07/24	118	2023/01/30	137	3	Argo PMEL	SBE41CP	11157	1	Drift	PSAL_3_118/N/A
AOML	5906101	GREGORY C. JOHNSON -> Grey List	2022/12/06	129	2023/01/25	134	3	Argo PMEL	SBE41CP	11185	1	Drift	
AOML	5906155	GREGORY C. JOHNSON -> Grey List	2023/01/24	134			3	Argo PMEL	SBE41CP	11105	1	Jump with drift ? ASD ?	
CORIOLIS	3902005	Violeta SLABAKOVA -> Grey List	2023/01/10	89	2023/02/10	95	3	Argo BULGARIA	SBE41CP_V7.2.5	13822	1	Drift	
CORIOLIS	6902981	Christine PROVOST -> Grey List	2023/01/31	89	2023/03/02	92	3	CORIOLIS	SBE41CP	11303	1	Drift	

# 2. Statistics on floats and format version (End of February 2023)

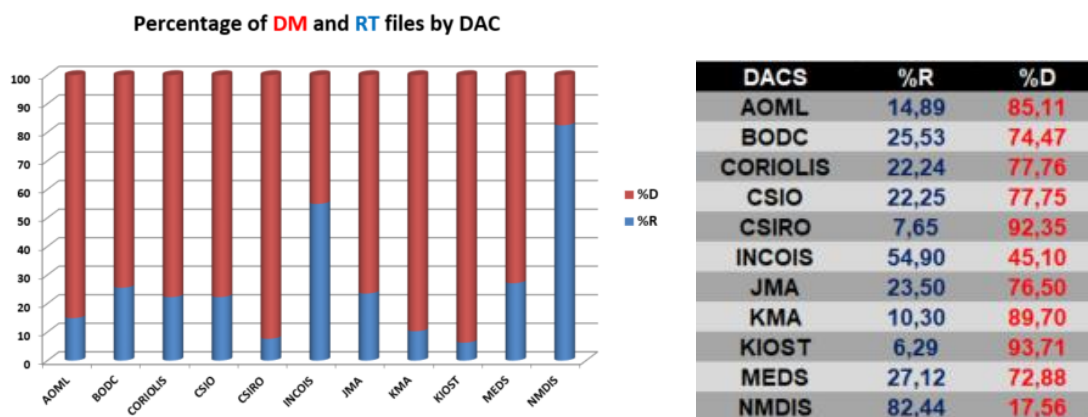
Plots showing format\_version percentage, number of floats (with profiles), number of D and R files by DACs.



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



### Delayed mode percentage by DAC



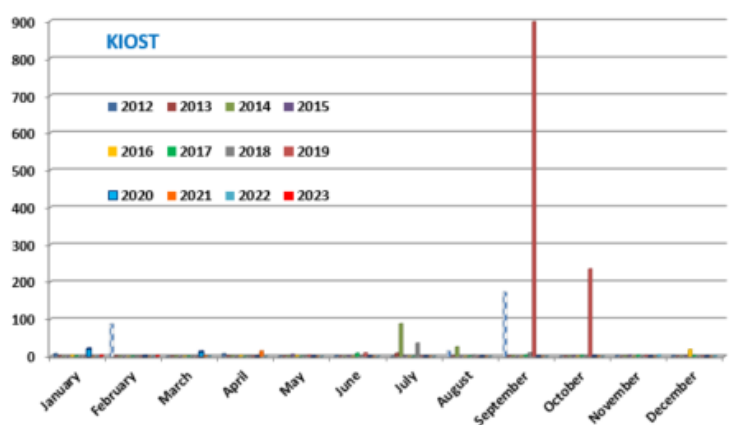
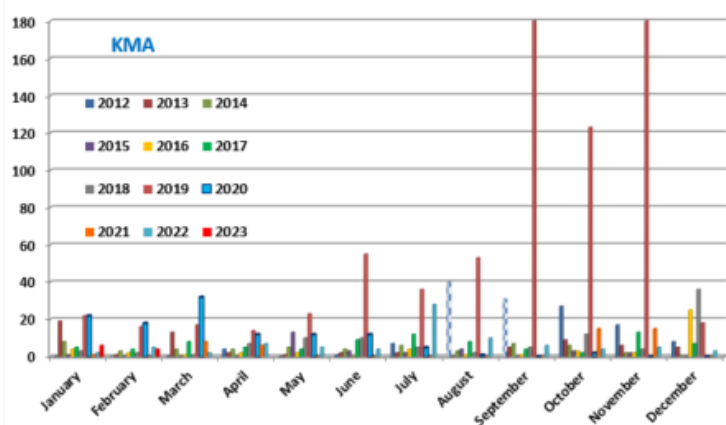
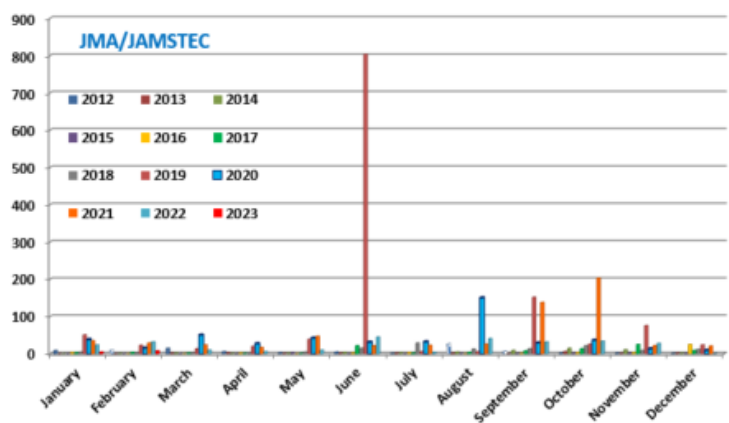
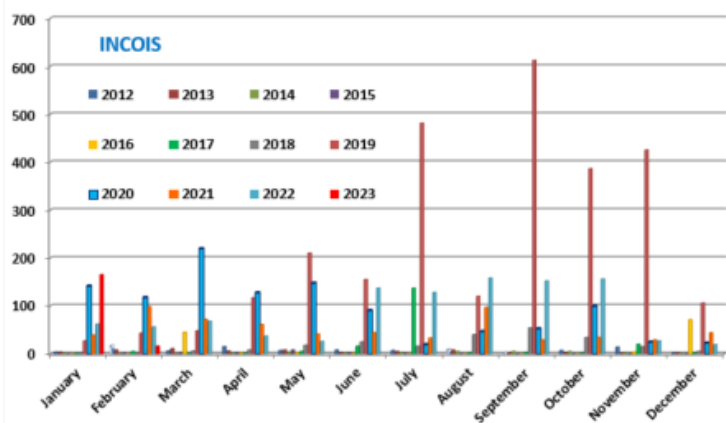
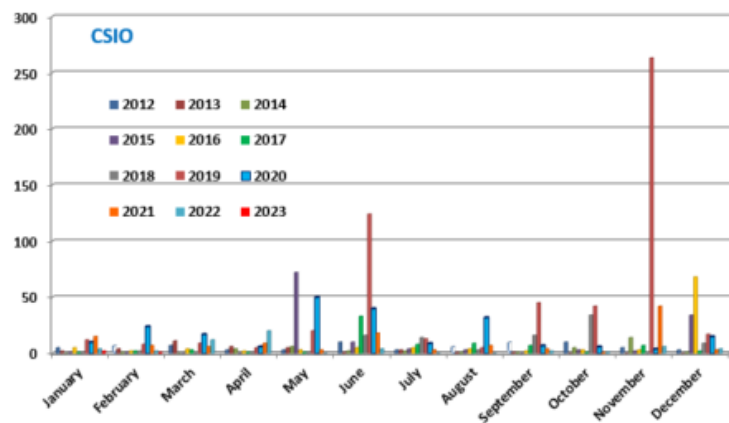
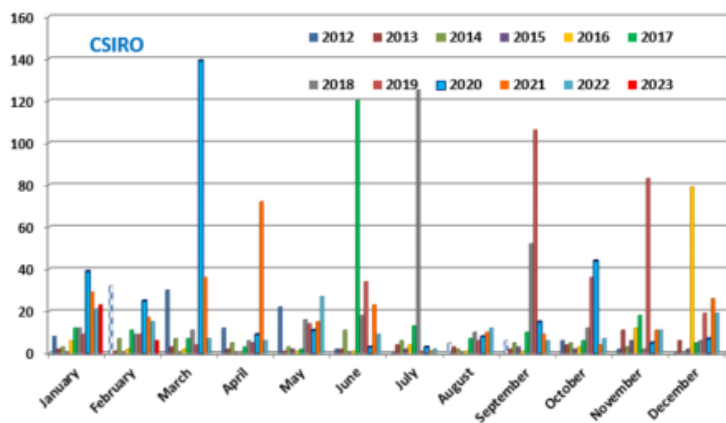
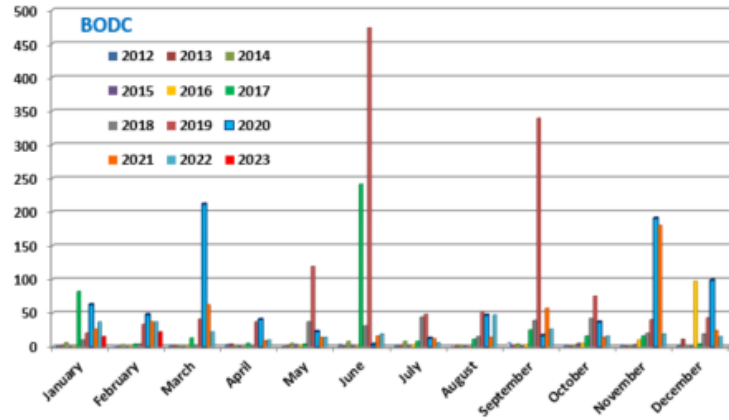
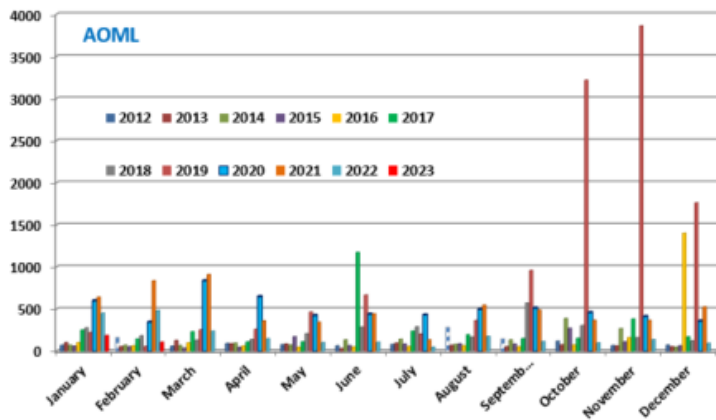
### 3. Statistics on Anomalies

Plots showing evolution of number of anomalies by DAC.

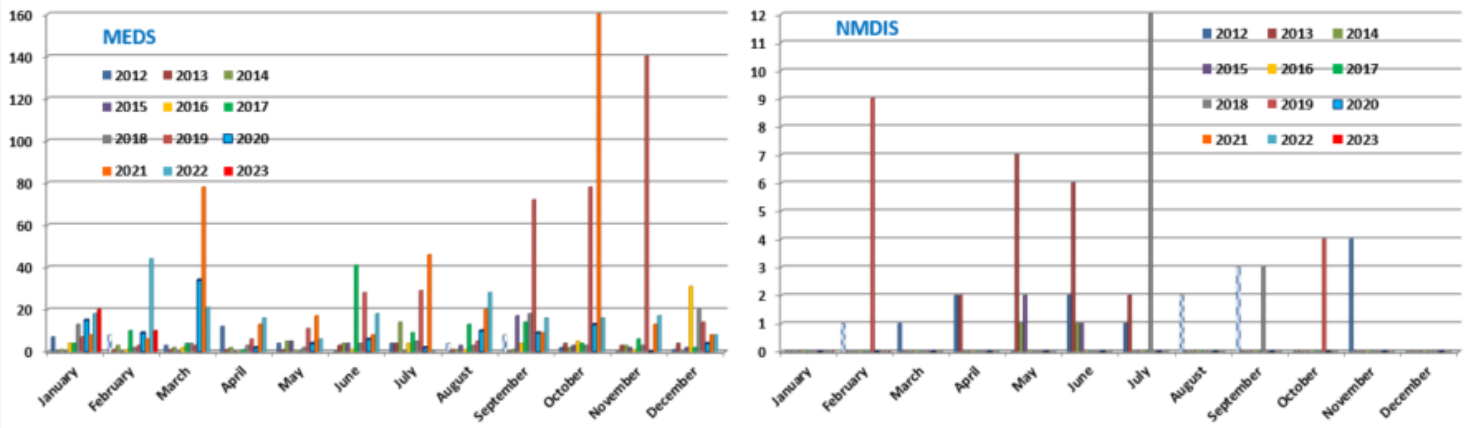
#### 3.1. Year



#### 3.2. DAC

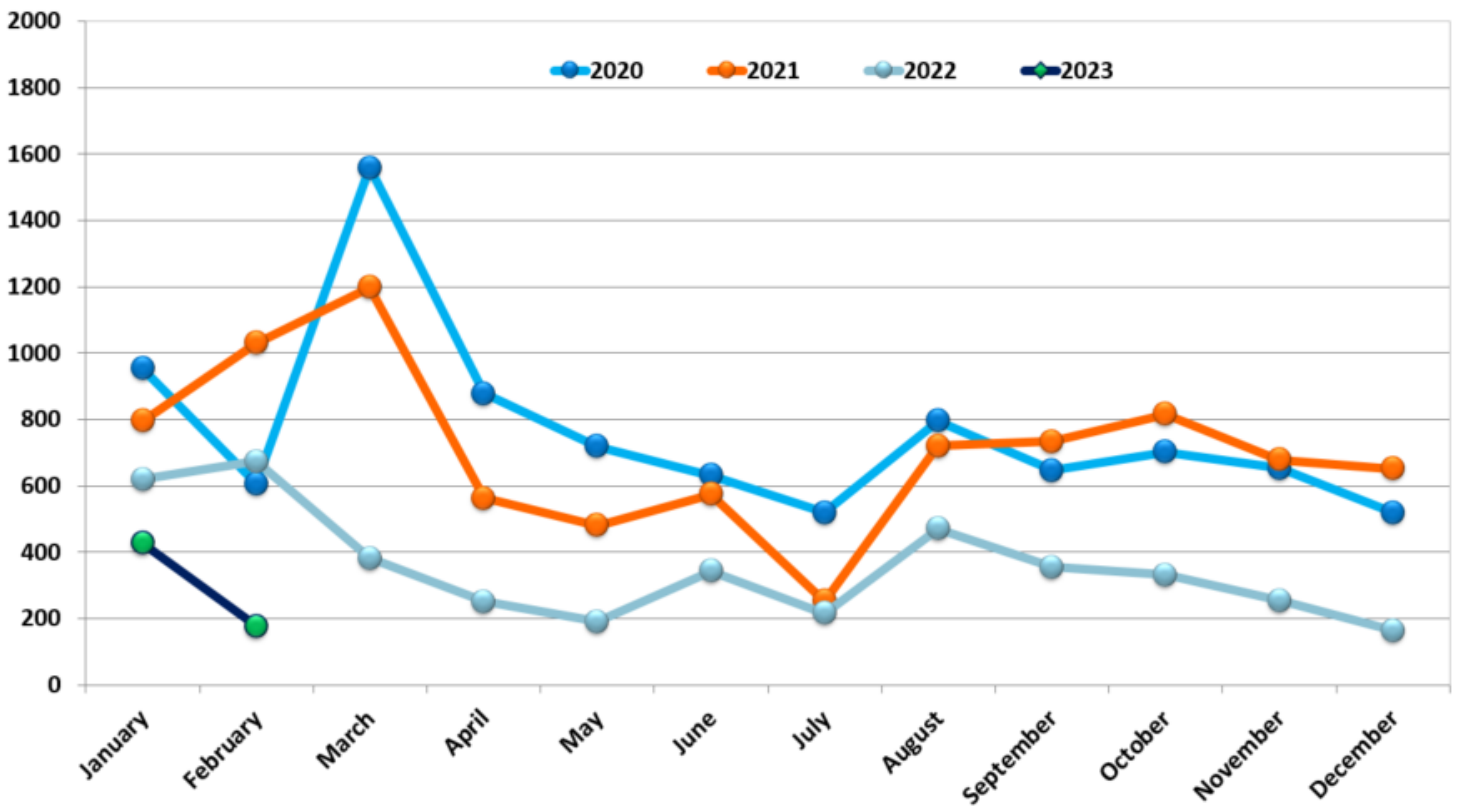






### 3.3. Anomalies by year, by month

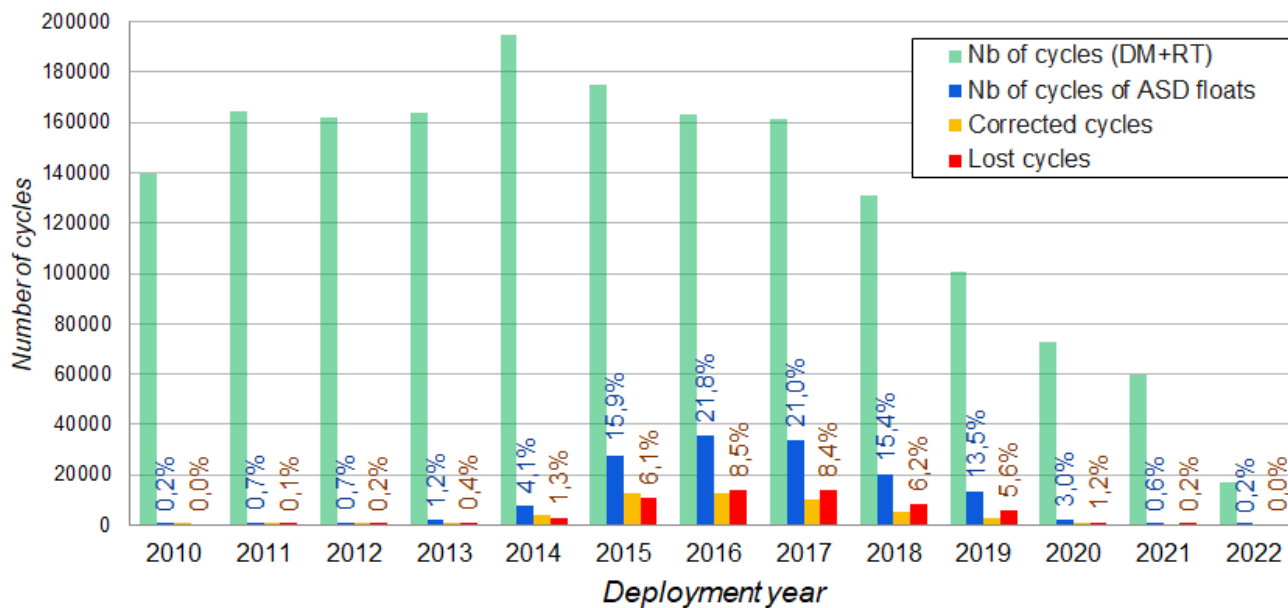
#### 4. Fast Salinity Drift from the spreadsheet "Salinity drift assessment and statistics" (11/28/2022)



Please have a look on the plot showing :

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

## Number of cycles affected by salinity drift problems, per year for all floats - 2022/11/28



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

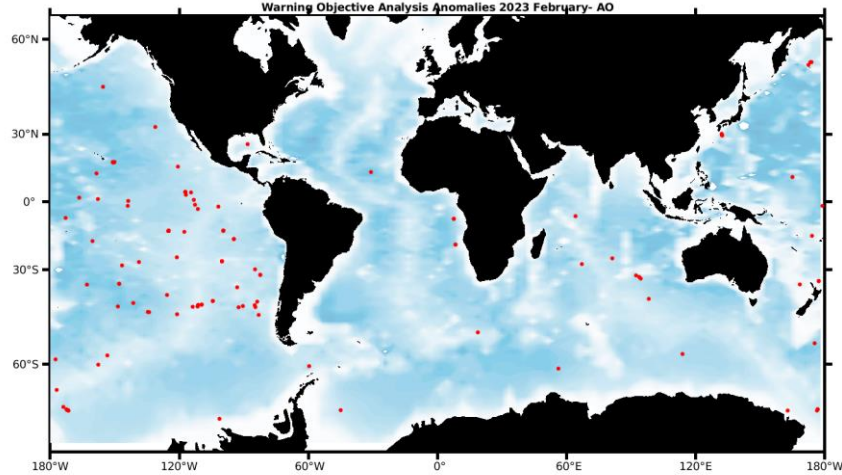
<https://docs.google.com/spreadsheets/d/1TA7SAnTiUvCK7AyGtSTUq3gu9QFbVdONj9M9zAq8CJU/edit#gid=1096144849>

## 5. DAC Anomalies

### 5.1. DAC AOML

Profiles detected by the objective analysis: 107 profiles (81 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
32 cycles	55 cycles	20 cycles



**Status of corrections: Done.**

**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 : 1902264 - Cycle : 93 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8885 - Date : 2023 2 7

Float : 1902315 - Cycle : 45 - PI : WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7681 - Date : 2023 1 31

Float : 1902327 - Cycle : 40 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7607 - Date : 2023 1 31

Float : 1902440 - Cycle : 42 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7692 - Date : 2023 2 21

Float : 3901269 - Cycle : 244 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8545 - Date : 2023 2 9

Float : 3901276 - Cycle : 203 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8566 - Date : 2023 2 23

Float : 3901284 - Cycle : 220 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0713 - Date : 2023 2 9

Float : 3901284 - Cycle : 221 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0713 - Date : 2023 2 19

Float : 3901303 - Cycle : 175 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0870 - Date : 2023 2 4

Float : 3901472 - Cycle : 196 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8583 - Date : 2023 2 7

Float : 3901806 - Cycle : 11 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 3137 - Date : 2023 2 26

Float : 3902150 - Cycle : 145 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12015 - Date : 2023 1 8

Float : 3902150 - Cycle : 146 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12015 - Date : 2023 1 17

Float : 3902150 - Cycle : 147 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12015 - Date : 2023 1 27

Float : 3902150 - Cycle : 148 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12015 - Date : 2023 2 6

Float : 3902150 - Cycle : 149 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12015 - Date : 2023 2 16

Float : 3902151 - Cycle : 131 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12016 - Date : 2023 1 14

Float : 3902151 - Cycle : 132 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12016 - Date : 2023 1 23

Float : 3902163 - Cycle : 139 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12028 - Date : 2023 1 13

Float : 3902163 - Cycle : 140 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12028 - Date : 2023 1 23

Float : 3902180 - Cycle : 120 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8828 - Date : 2023 2 17

Float : 3902196 - Cycle : 8 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 3138 - Date : 2023 1 31

Float : 3902288 - Cycle : 7 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 3146 - Date : 2023 1 26

Float : 3902325 - Cycle : 29 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12059 - Date : 2023 1 28

Float : 3902326 - Cycle : 3 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12060 - Date : 2023 1 15

Float : 4901648 - Cycle : 308 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0327 - Date : 2023 1 10

Float : 4901648 - Cycle : 309 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0327 - Date : 2023 1 20

Float : 4901648 - Cycle : 310 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0327 - Date : 2023 1 30

Float : 4901656 - Cycle : 304 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0335 - Date : 2023 1 30

Float : 4902318 - Cycle : 228 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8534 - Date : 2023 2 25

Float : 4902326 - Cycle : 147 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_D - WMO inst type : 862 - FLOAT SERIAL : 6029 - Date : 2023 1 10

Float : 4902937 - Cycle : 206 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0779 - Date : 2023 1 31

Float : 4902937 - Cycle : 207 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0779 - Date : 2023 2 10

Float : 4902937 - Cycle : 208 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0779 - Date : 2023 2 20

Float : 4903009 - Cycle : 185 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8641 - Date : 2023 2 21

Float : 4903196 - Cycle : 143 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1002 - Date : 2023 2 1

Float : 4903401 - Cycle : 88 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8894 - Date : 2023 2 22

Float : 4903469 - Cycle : 27 - PI : AMY BOWER, STEVEN JAYNE, HEATHER FUREY - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7729 - Date : 2023 2 16

Float : 5902469 - Cycle : 224 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8469 - Date : 2022 10 28

Float : 5902472 - Cycle : 258 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8449 - Date : 2023 1 24

Float : 5902484 - Cycle : 245 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8476 - Date : 2023 1 21

Float : 5902494 - Cycle : 246 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8486 - Date : 2023 2 23

Float : 5904288 - Cycle : 317 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0318 - Date : 2023 2 14

Float : 5904412 - Cycle : 296 - PI : STEPHEN RISER, - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6441 - Date : 2023 2 14

Float : 5904819 - Cycle : 230 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7642 - Date : 2023 2 10

Float : 5904938 - Cycle : 222 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0752 - Date : 2023 2 19

Float : 5904947 - Cycle : 221 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0751 - Date : 2023 2 9

Float : 5905138 - Cycle : 228 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7894 - Date : 2023 2 22

Float : 5905154 - Cycle : 191 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7858 - Date : 2023 2 5

Float : 5905163 - Cycle : 137 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_D - WMO inst type : 862 - FLOAT SERIAL : 6034 - Date : 2023 1 28

Float : 5905250 - Cycle : 204 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8576 - Date : 2023 1 22

Float : 5905250 - Cycle : 207 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8576 - Date : 2023 2 21

Float : 5905273 - Cycle : 180 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8642 - Date : 2022 11 30

Float : 5905273 - Cycle : 181 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8642 - Date : 2022 12 10

Float : 5905273 - Cycle : 183 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8642 - Date : 2022 12 29

Float : 5905273 - Cycle : 185 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8642 - Date : 2023 1 18

Float : 5905296 - Cycle : 198 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0819 - Date : 2023 2 3

Float : 5905315 - Cycle : 167 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0863 - Date : 2023 2 26

Float : 5905685 - Cycle : 168 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8662 - Date : 2023 1 25

Float : 5906045 - Cycle : 247 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8327 - Date : 2023 2 16

Float : 5906084 - Cycle : 76 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0989 - Date : 2023 2 18

Float : 5906096 - Cycle : 137 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1010 - Date : 2023 1 30

Float : 5906119 - Cycle : 121 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8808 - Date : 2023 2 15

Float : 5906125 - Cycle : 120 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8814 - Date : 2023 2 10

Float : 5906130 - Cycle : 116 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8847 - Date : 2023 2 3

Float : 5906176 - Cycle : 107 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1153 - Date : 2023 2 14

Float : 5906225 - Cycle : 9 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8729 - Date : 2020 6 10

Float : 5906312 - Cycle : 10 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8916 - Date : 2023 2 13

Float : 5906316 - Cycle : 77 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8925 - Date : 2023 2 21

Float : 5906371 - Cycle : 69 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1270 - Date : 2023 2 1

Float : 5906459 - Cycle : 42 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9316 - Date : 2023 2 4

Float : 5906892 - Cycle : 4 - PI : PHIL SUTTON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 3170 - Date : 2023 1 21

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

Float : 5906904 - Cycle : 9 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 3184 - Date : 2023 2 9

Float : 5906916 - Cycle : 9 - PI : NATHALIE ZILBERMAN, DEAN ROEMMICH, SARAH PURKEY, JOHN GILSON - Data mode : A - Platform type : SOLO\_D - WMO inst type : 862 - FLOAT SERIAL : 6093 - Date : 2023 1 29

Float : 7900110 - Cycle : 334 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8305 - Date : 2023 1 24

Float : 7900683 - Cycle : 212 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8630 - Date : 2023 2 12

Float : 7900684 - Cycle : 166 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8631 - Date : 2022 7 11

Float : 7900690 - Cycle : 141 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8756 - Date : 2022 9 2

Float : 7900690 - Cycle : 146 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8756 - Date : 2022 10 22

Float : 7900690 - Cycle : 147 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8756 - Date : 2022 11 1

Float : 7900690 - Cycle : 148 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8756 - Date : 2022 11 11

Float : 7900690 - Cycle : 149 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8756 - Date : 2022 11 20

Float : 7900798 - Cycle : 79 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8915 - Date : 2023 1 31

Float : 7900799 - Cycle : 79 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8916 - Date : 2023 2 1

Float : 7900802 - Cycle : 64 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8919 - Date : 2022 9 18

Float : 7900802 - Cycle : 70 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8919 - Date : 2022 11 16

**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 : 3901473 - Cycle : 162 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8584 - Date : 2022 3 8

Float : 3901473 - Cycle : 163 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8584 - Date : 2022 3 18

Float : 3901475 - Cycle : 162 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8586 - Date : 2022 3 8

Float : 3901477 - Cycle : 95 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8588 - Date : 2020 5 10

Float : 3901477 - Cycle : 171 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8588 - Date : 2022 6 9

Float : 3901479 - Cycle : 72 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8590 - Date : 2019 9 23

Float : 3901479 - Cycle : 95 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8590 - Date : 2020 5 10

Float : 3901480 - Cycle : 55 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8591 - Date : 2019 4 6

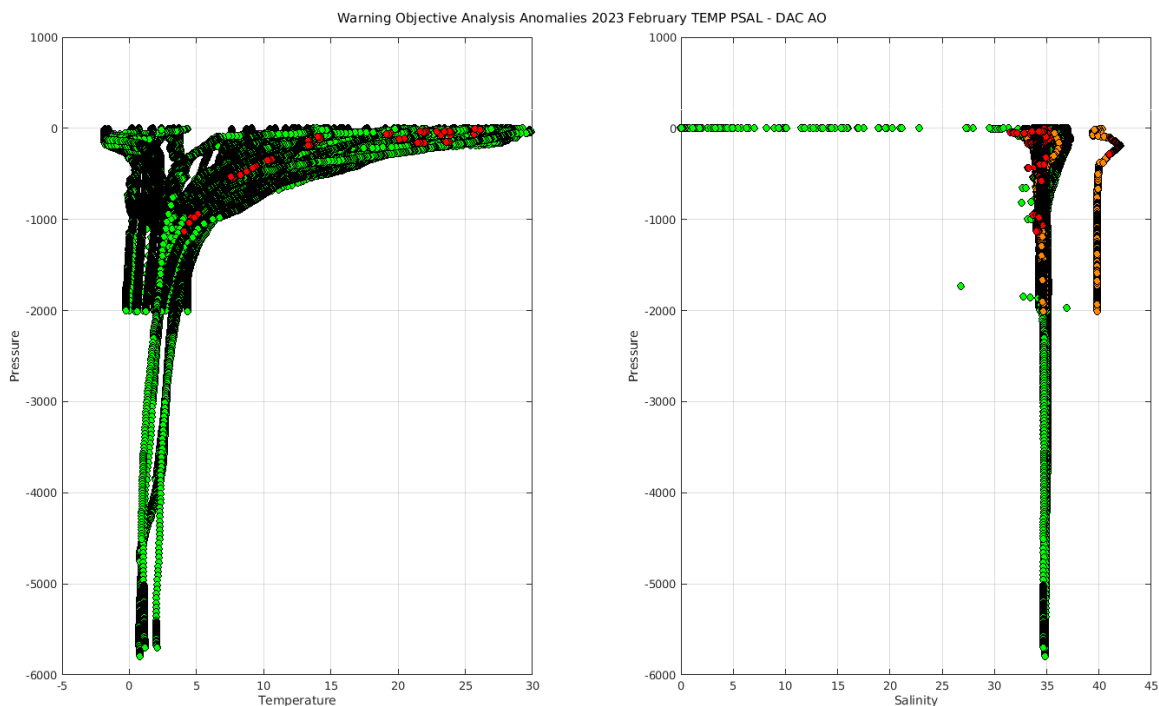
Float : 3901483 - Cycle : 135 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8594 - Date : 2021 6 17

Float : 5902467 - Cycle : 33 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8466 - Date : 2017 7 29

Float : 5902484 - Cycle : 224 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8476 - Date : 2022 8 12

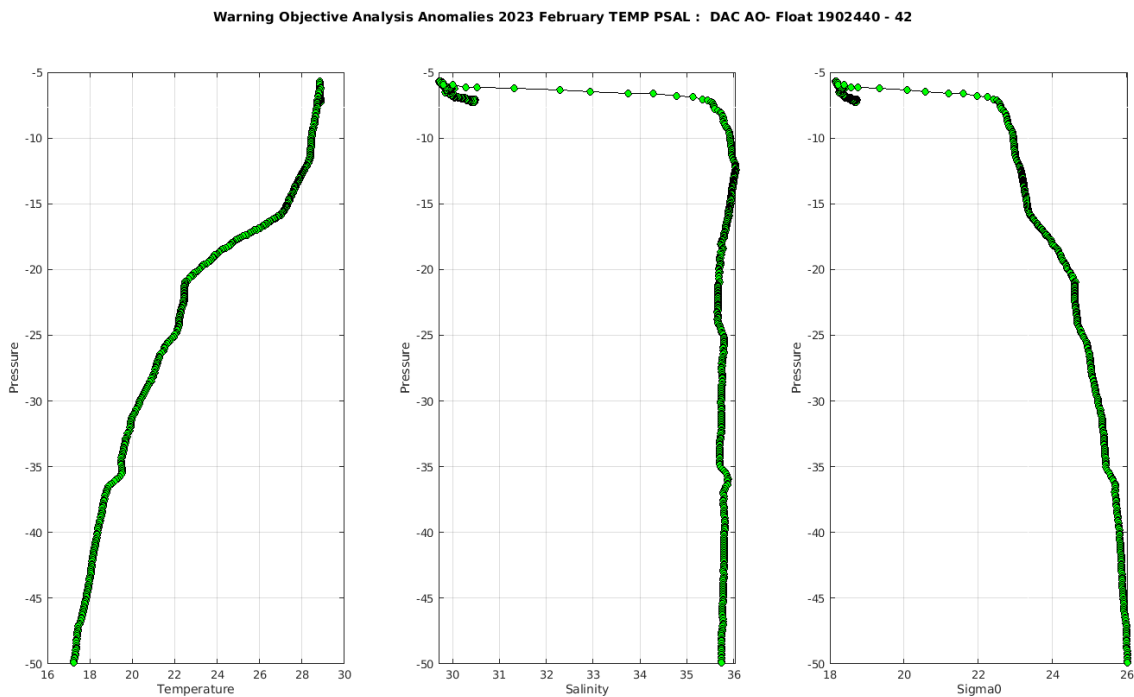
Float : 5902484 - Cycle : 230 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8476 - Date : 2022 9 22

Float : 5904412 - Cycle : 295 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6441 - Date : 2023 2 4  
 Float : 5904635 - Cycle : 269 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7266 - Date : 2023 1 30  
 Float : 5905351 - Cycle : 193 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7872 - Date : 2023 1 31  
 Float : 5905383 - Cycle : 183 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8283 - Date : 2023 1 20  
 Float : 5906002 - Cycle : 129 - PI : STEPHEN RISER, KENNETH JOHNSON - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8356 - Date : 2022 7 2  
 Float : 5906245 - Cycle : 96 - PI : STEPHEN RISER, KENNETH JOHNSON - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8824 - Date : 2022 12 10  
 Float : 5906250 - Cycle : 99 - PI : STEPHEN RISER, KENNETH JOHNSON - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8730 - Date : 2023 1 1  
 Float : 5906765 - Cycle : 0 - PI : SARAH PURKEY - Data mode : D - Platform type : SOLO\_BGC - WMO inst type : 853 - FLOAT SERIAL : 0002 - Date : 2022 3 28

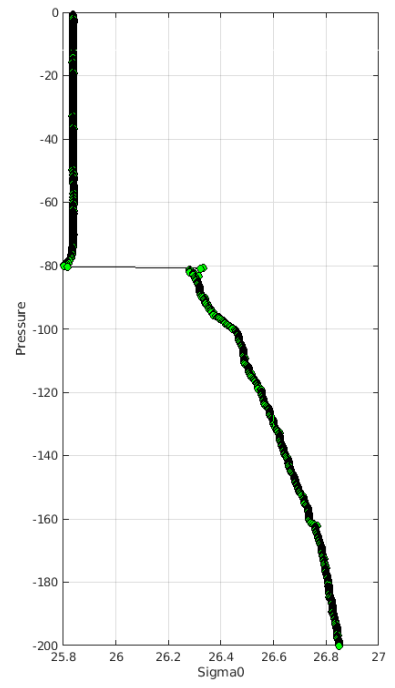
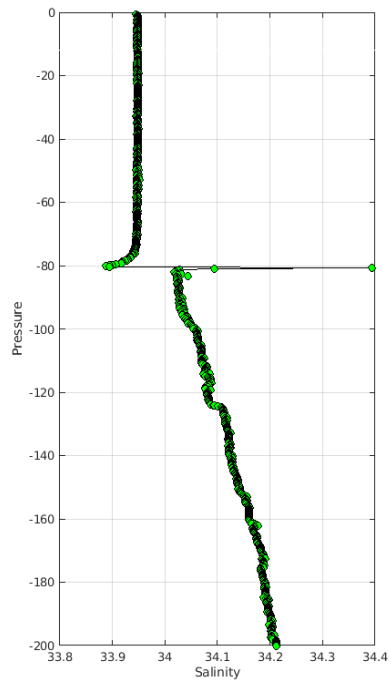
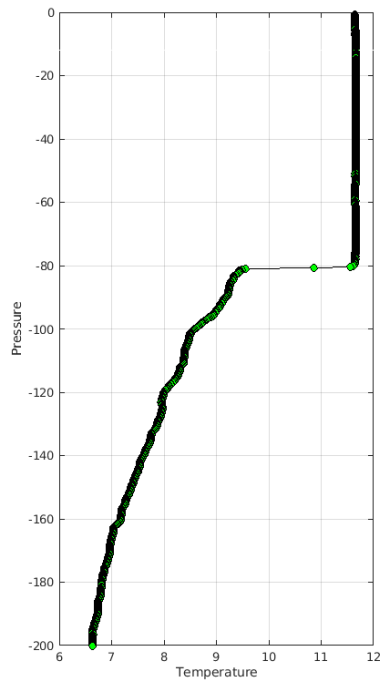


The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/aom/>

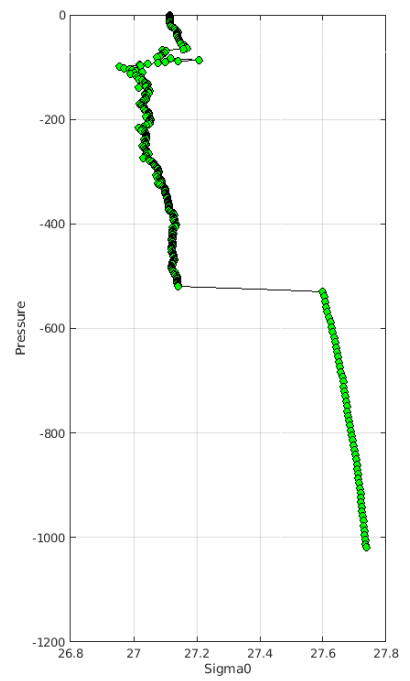
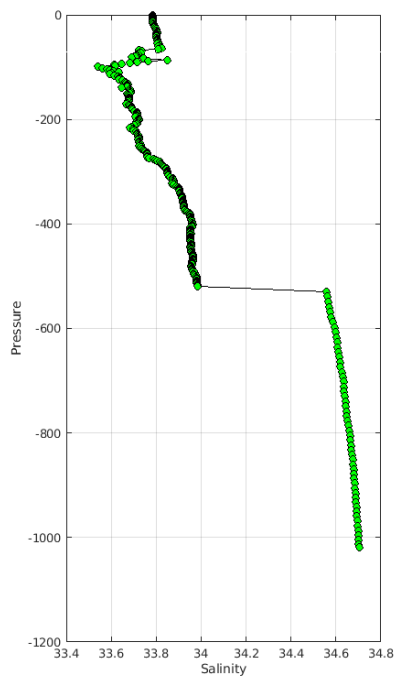
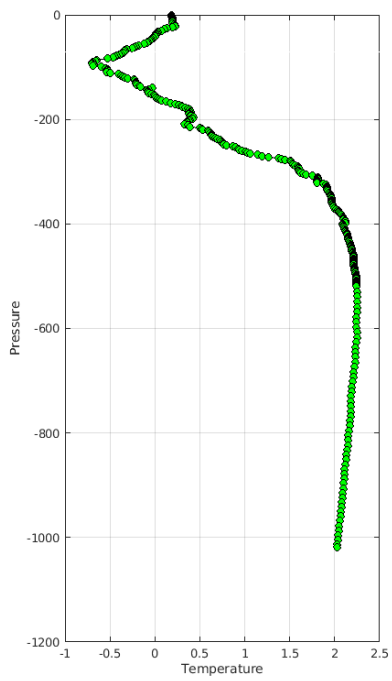
Example of anomalies:

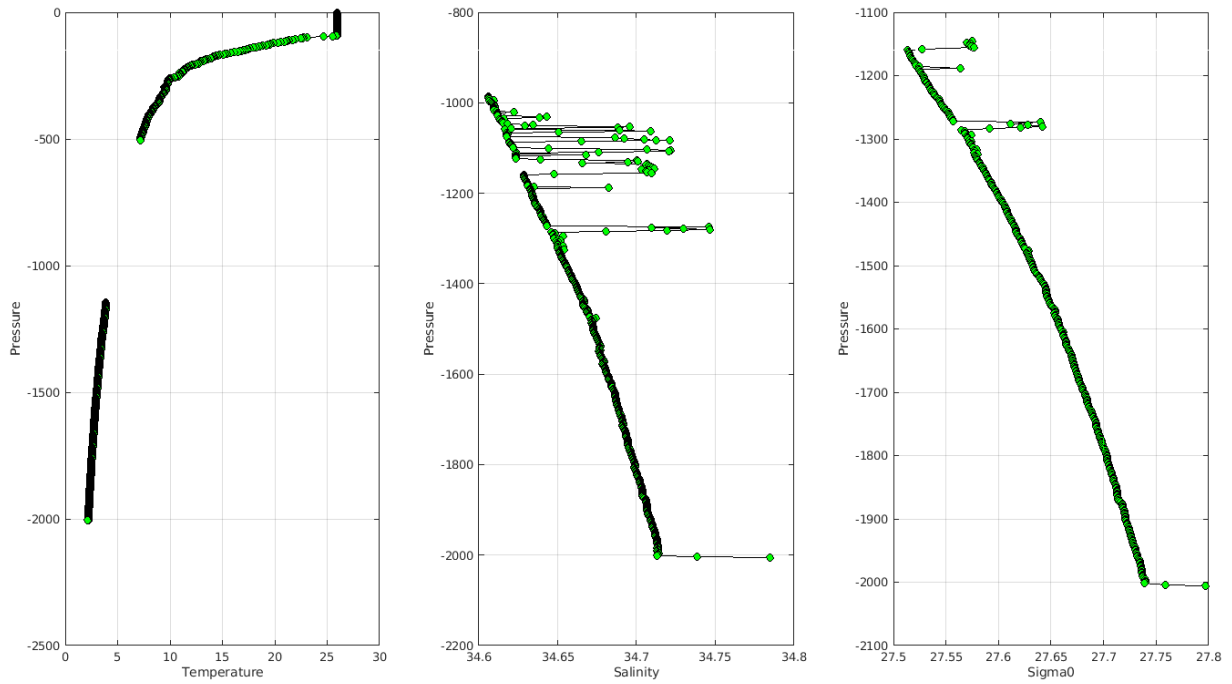


Warning Objective Analysis Anomalies 2023 February TEMP PSAL : DAC AO- Float 3901477 - 95



Warning Objective Analysis Anomalies 2023 February TEMP PSAL : DAC AO- Float 3902325 - 29





**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 SZCZECOWSKI - Float 6900376 cycle 44 to cycle 92 – cycle 98 to 128 – cycle 131 to 135

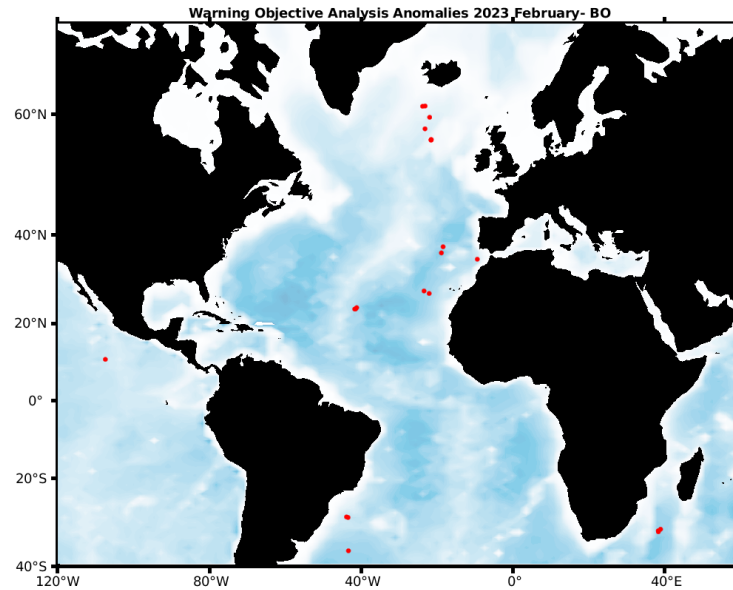
For instance cycle 92 PSAL\_ADJUSTED\_ERROR = 2011706.750, 2010896.625, 2012649.000, 2023217.000,



## 5.2. DAC BODC

Profiles detected by the objective analysis: 22 profiles (10 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
9 cycles	12 cycles	1 cycle



**Status of corrections: Correction in progress, regular feedback.**

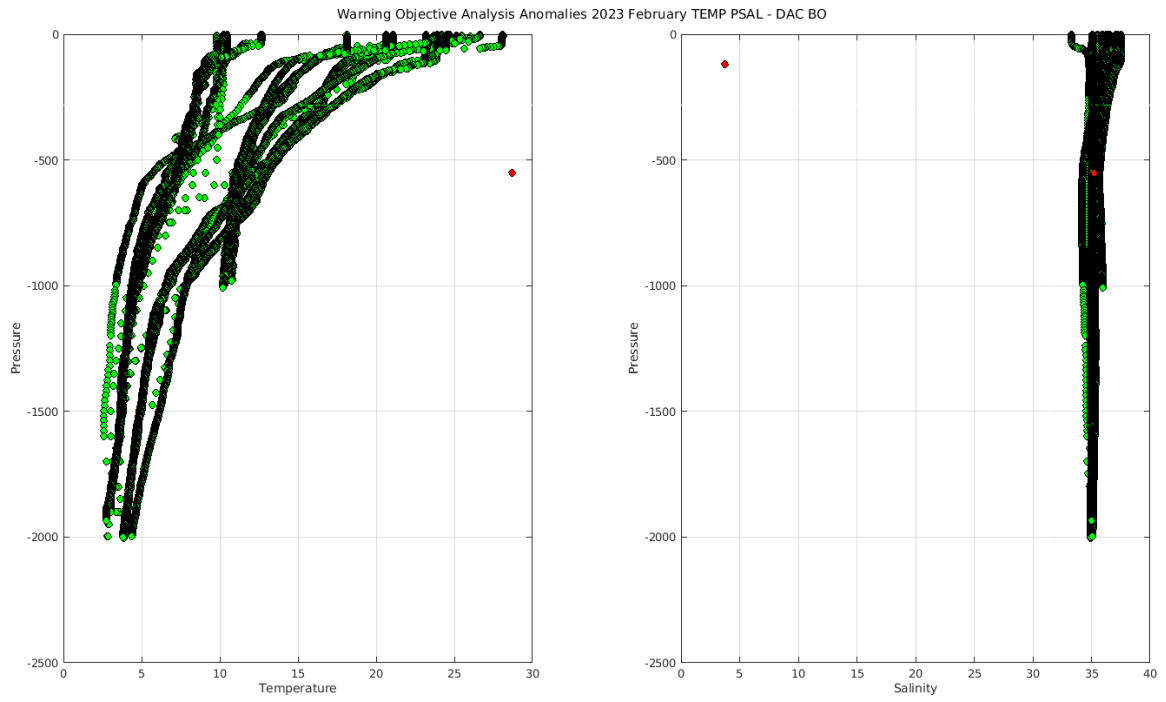
### Files data\_mode='R' / 'A'

Float : 1901873 - Cycle : 240 - PI : Jon Turton - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 0662 - Date : 2023 2 6  
 Float : 1901873 - Cycle : 241 - PI : Jon Turton - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 0662 - Date : 2023 2 15  
 Float : 1901873 - Cycle : 242 - PI : Jon Turton - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 0662 - Date : 2023 2 26  
 Float : 3901522 - Cycle : 267 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7349 - Date : 2023 2 7  
 Float : 3901522 - Cycle : 268 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7349 - Date : 2023 2 17  
 Float : 3901564 - Cycle : 78 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8978 - Date : 2023 2 5  
 Float : 6901921 - Cycle : 315 - PI : Diarmuid O'Conchubhair - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7243 - Date : 2023 2 8  
 Float : 6901921 - Cycle : 316 - PI : Diarmuid O'Conchubhair - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7243 - Date : 2023 2 16  
 Float : 6901921 - Cycle : 317 - PI : Diarmuid O'Conchubhair - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7243 - Date : 2023 2 24  
 Float : 6903753 - Cycle : 82 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2023 2 2  
 Float : 6903753 - Cycle : 83 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2023 2 12  
 Float : 6903753 - Cycle : 84 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2023 2 21  
 Float : 6904182 - Cycle : 2 - PI : Brian King - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P44043-21UK001 - Date : 2022 2 18  
 Float : 6904182 - Cycle : 58 - PI : Brian King - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P44043-21UK001 - Date : 2022 11 7  
 Float : 6904183 - Cycle : 44 - PI : Brian King - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P44043-21UK002 - Date : 2022 9 25  
 Float : 6904184 - Cycle : 49 - PI : Brian King - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P44043-21UK003 - Date : 2022 10 26  
 Float : 6904184 - Cycle : 61 - PI : Brian King - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P44043-21UK003 - Date : 2022 12 25  
 Float : 6904185 - Cycle : 1 - PI : Brian King - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P44043-21UK004 - Date : 2022 7 25  
 Float : 6904185 - Cycle : 7 - PI : Brian King - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P44043-21UK004 - Date : 2022 8 18  
 Float : 6904185 - Cycle : 20 - PI : Brian King - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P44043-21UK004 - Date : 2022 10 15  
 Float : 6904185 - Cycle : 22 - PI : Brian King - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P44043-21UK004 - Date : 2022 10 24

### Files data\_mode='D'

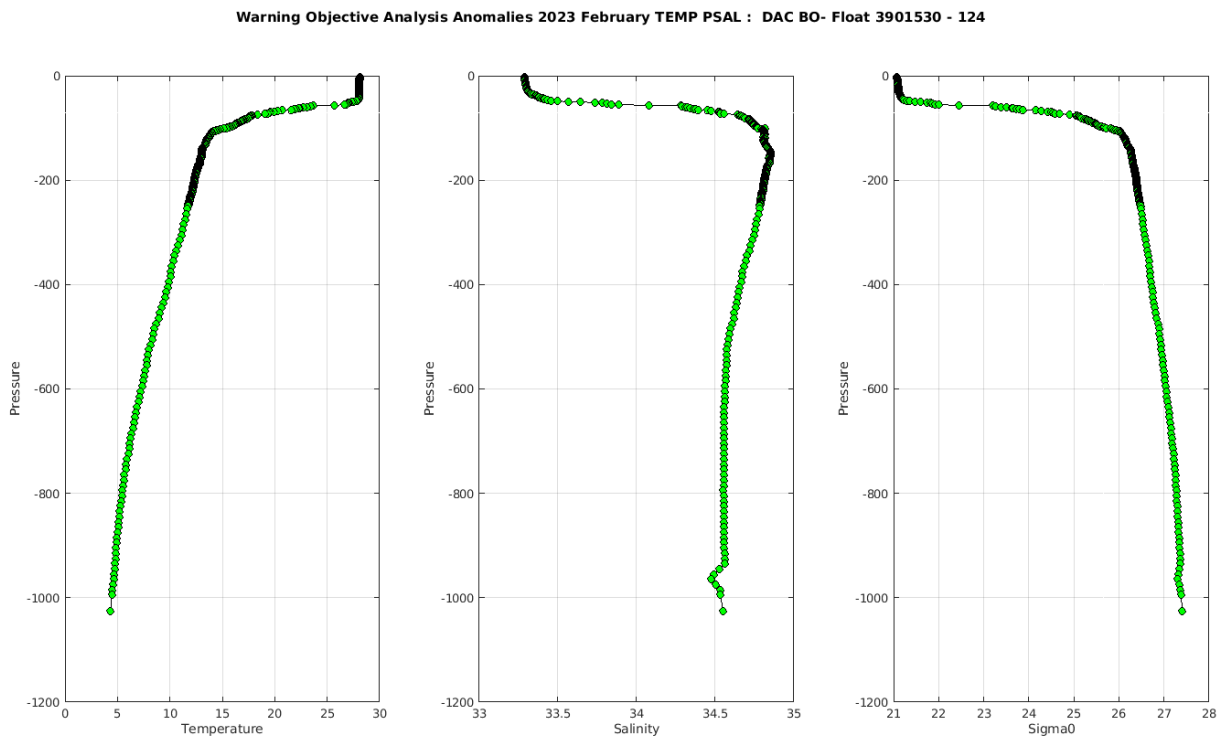
Float : 3901530 - Cycle : 124 - PI : Giorgio Dall'Olmo - Data mode : D - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : OIN14EN-S4-09 - Date : 2018 7 9

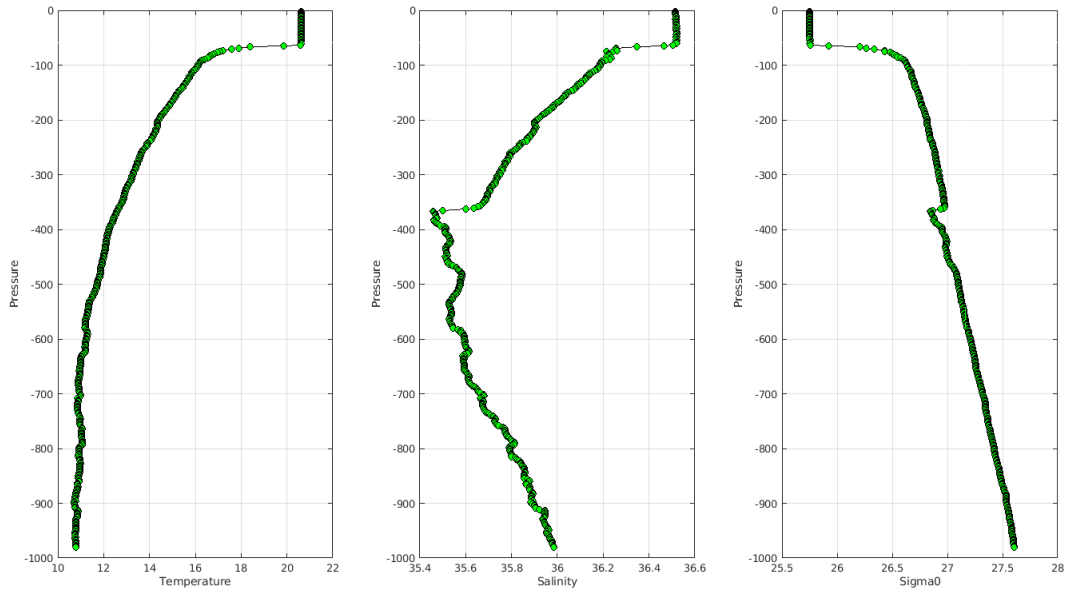




The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/bodc/>

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,
D6901129_226.nc      nan,
R6901129_209.nc      nan,
R6901129_210.nc      nan,
R6901129_211.nc      nan,
R6901129_220.nc      nan,
R6901129_221.nc      nan,
R6901129_222.nc      nan,
R6901129_223.nc      nan,
R6901129_224.nc      nan,
    
```

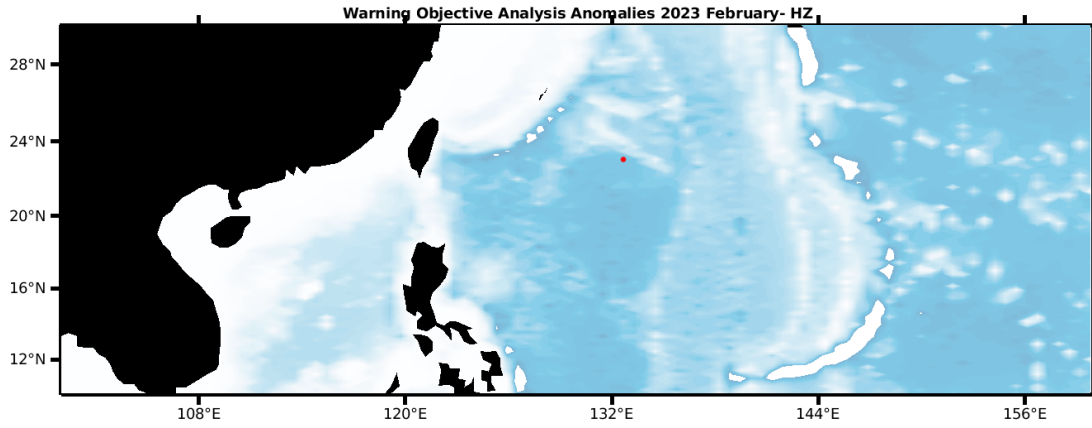
- Mix between RT and DM files: Float 6901181 ex below DM files till cycle 367 but a lot of old cycle in RT (1D, 2D, 3, 3D, 4, ....)

<a href="#">D6901181_350.nc</a>	17-May-2019 16:39 242K	<a href="#">R6901181_011.nc</a>	03-Jun-2022 13:37 150K
<a href="#">D6901181_351.nc</a>	17-May-2019 16:39 240K	<a href="#">R6901181_011D.nc</a>	03-Jun-2022 13:37 146K
<a href="#">D6901181_352.nc</a>	17-May-2019 16:39 243K	<a href="#">R6901181_012.nc</a>	03-Jun-2022 13:37 144K
<a href="#">D6901181_353.nc</a>	17-May-2019 16:39 255K	<a href="#">R6901181_012D.nc</a>	03-Jun-2022 13:38 181K
<a href="#">D6901181_354.nc</a>	17-May-2019 16:39 256K	<a href="#">R6901181_013D.nc</a>	03-Jun-2022 13:38 168K
<a href="#">D6901181_355.nc</a>	17-May-2019 16:39 278K	<a href="#">R6901181_014.nc</a>	03-Jun-2022 13:38 124K
<a href="#">D6901181_356.nc</a>	17-May-2019 16:39 238K	<a href="#">R6901181_014D.nc</a>	03-Jun-2022 13:38 200K
<a href="#">D6901181_357.nc</a>	17-May-2019 16:39 237K	<a href="#">R6901181_015D.nc</a>	03-Jun-2022 13:38 165K
<a href="#">D6901181_358.nc</a>	17-May-2019 16:39 244K	<a href="#">R6901181_016.nc</a>	03-Jun-2022 13:38 118K
<a href="#">D6901181_359.nc</a>	17-May-2019 16:39 303K	<a href="#">R6901181_016D.nc</a>	03-Jun-2022 13:38 251K
<a href="#">D6901181_360.nc</a>	17-May-2019 16:39 260K	<a href="#">R6901181_017D.nc</a>	03-Jun-2022 13:38 117K
<a href="#">D6901181_361.nc</a>	17-May-2019 16:39 252K	<a href="#">R6901181_018.nc</a>	03-Jun-2022 13:38 145K
<a href="#">D6901181_362.nc</a>	17-May-2019 16:39 250K	<a href="#">R6901181_018D.nc</a>	03-Jun-2022 13:38 242K
<a href="#">D6901181_363.nc</a>	17-May-2019 16:39 259K	<a href="#">R6901181_019D.nc</a>	03-Jun-2022 13:38 118K
<a href="#">D6901181_364.nc</a>	17-May-2019 16:39 230K	<a href="#">R6901181_020.nc</a>	03-Jun-2022 13:38 129K
<a href="#">D6901181_365.nc</a>	17-May-2019 16:39 257K	<a href="#">R6901181_020D.nc</a>	03-Jun-2022 13:38 240K
<a href="#">D6901181_366.nc</a>	17-May-2019 16:39 230K	<a href="#">R6901181_021D.nc</a>	03-Jun-2022 13:38 163K
<a href="#">D6901181_367.nc</a>	17-May-2019 16:39 240K	<a href="#">R6901181_022.nc</a>	03-Jun-2022 13:38 105K
<a href="#">R6901181_001D.nc</a>	03-Jun-2022 13:36 47K	<a href="#">R6901181_022D.nc</a>	03-Jun-2022 13:38 243K
<a href="#">R6901181_002D.nc</a>	03-Jun-2022 13:36 153K	<a href="#">R6901181_023D.nc</a>	03-Jun-2022 13:38 164K
<a href="#">R6901181_003.nc</a>	03-Jun-2022 13:37 144K	<a href="#">R6901181_024.nc</a>	03-Jun-2022 13:38 146K
<a href="#">R6901181_003D.nc</a>	03-Jun-2022 13:37 117K	<a href="#">R6901181_024D.nc</a>	03-Jun-2022 13:38 201K
<a href="#">R6901181_004.nc</a>	03-Jun-2022 13:37 139K	<a href="#">R6901181_025.nc</a>	03-Jun-2022 13:38 144K
<a href="#">R6901181_004D.nc</a>	03-Jun-2022 13:37 159K	<a href="#">R6901181_025D.nc</a>	03-Jun-2022 13:38 117K
<a href="#">R6901181_005D.nc</a>	03-Jun-2022 13:37 157K	<a href="#">R6901181_026D.nc</a>	03-Jun-2022 13:38 117K
<a href="#">R6901181_006D.nc</a>	03-Jun-2022 13:37 429K	<a href="#">R6901181_027D.nc</a>	03-Jun-2022 13:39 241K
<a href="#">R6901181_007D.nc</a>	03-Jun-2022 13:37 304K	<a href="#">R6901181_028D.nc</a>	03-Jun-2022 13:39 266K
<a href="#">R6901181_008.nc</a>	03-Jun-2022 13:37 136K	<a href="#">R6901181_029D.nc</a>	03-Jun-2022 13:39 132K
<a href="#">R6901181_008D.nc</a>	03-Jun-2022 13:37 198K	<a href="#">R6901181_030.nc</a>	03-Jun-2022 13:39 94K
<a href="#">R6901181_009D.nc</a>	03-Jun-2022 13:37 153K	<a href="#">R6901181_030D.nc</a>	03-Jun-2022 13:39 300K
<a href="#">R6901181_010.nc</a>	03-Jun-2022 13:37 128K		
<a href="#">R6901181_010D.nc</a>	03-Jun-2022 13:37 521K		

### 5.3. DAC CSIO

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'
0 cycle	1 cycle	0 cycle

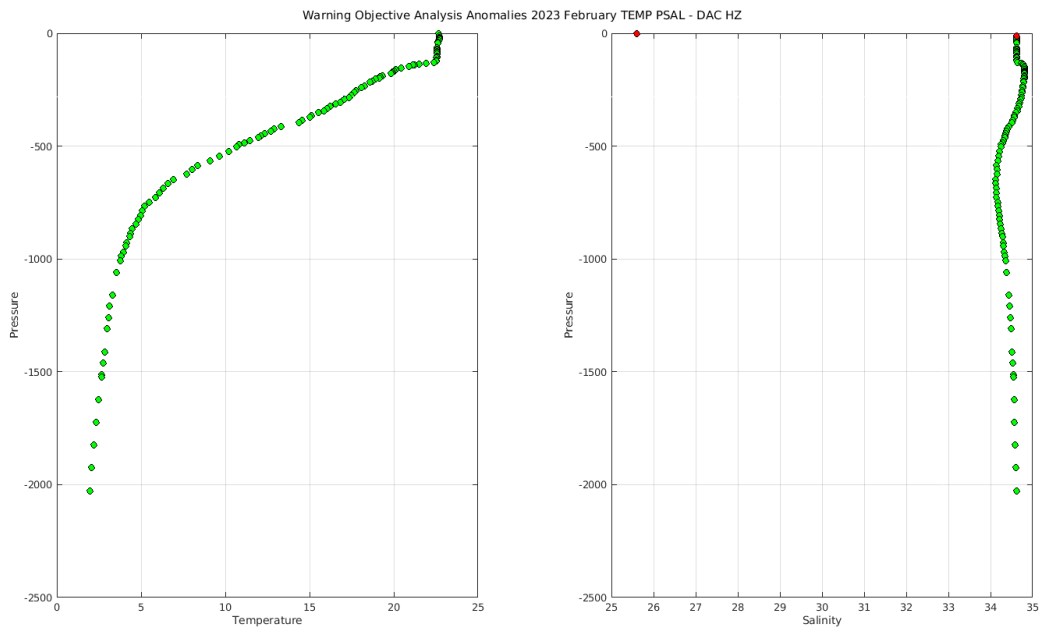


**Status of corrections:** No regular feedback, corrections seem done. Feedback for DM profiles.

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

Float : 2902881 - Cycle : 19 - PI : XIAOGANG XING - Data mode : A - Platform type : HM2000 - WMO inst type : 870 - FLOAT SERIAL : RJY-2201-001 - Date : 2023 2 5

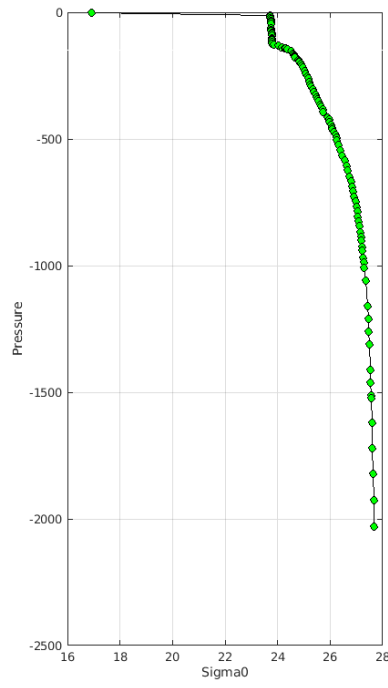
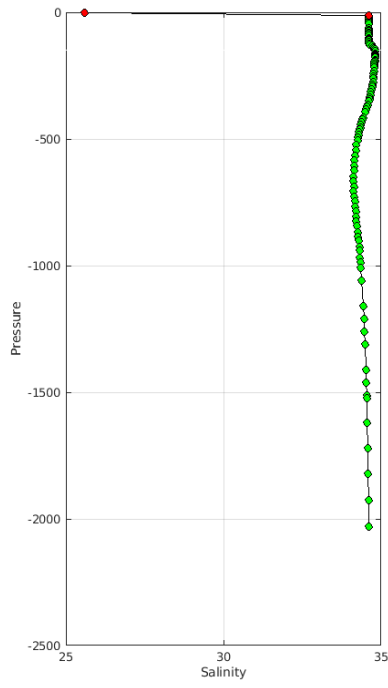
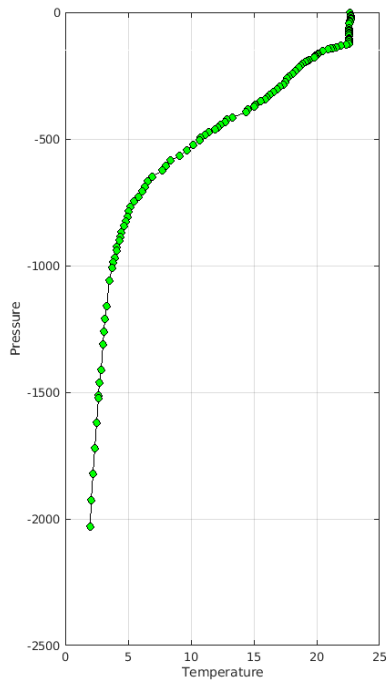
**Files data\_mode='D'**



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

Example of anomalies:

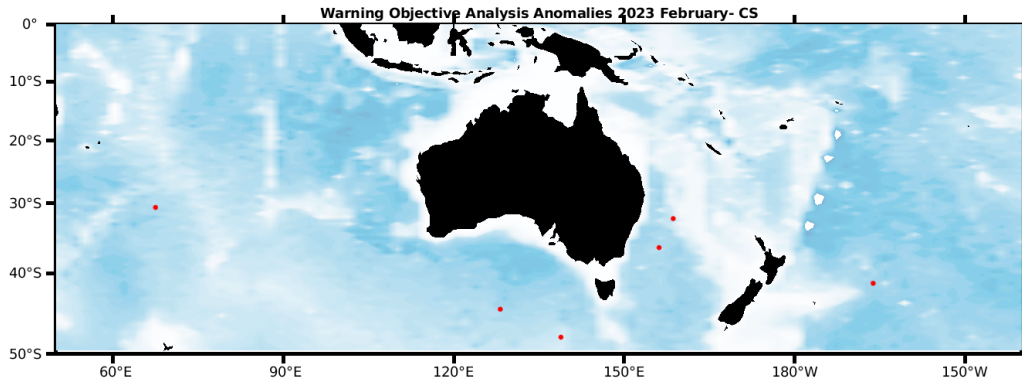
Warning Objective Analysis Anomalies 2023 February TEMP PSAL : DAC HZ- Float 2902881 - 19



5.4. DAC CSIRO

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

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

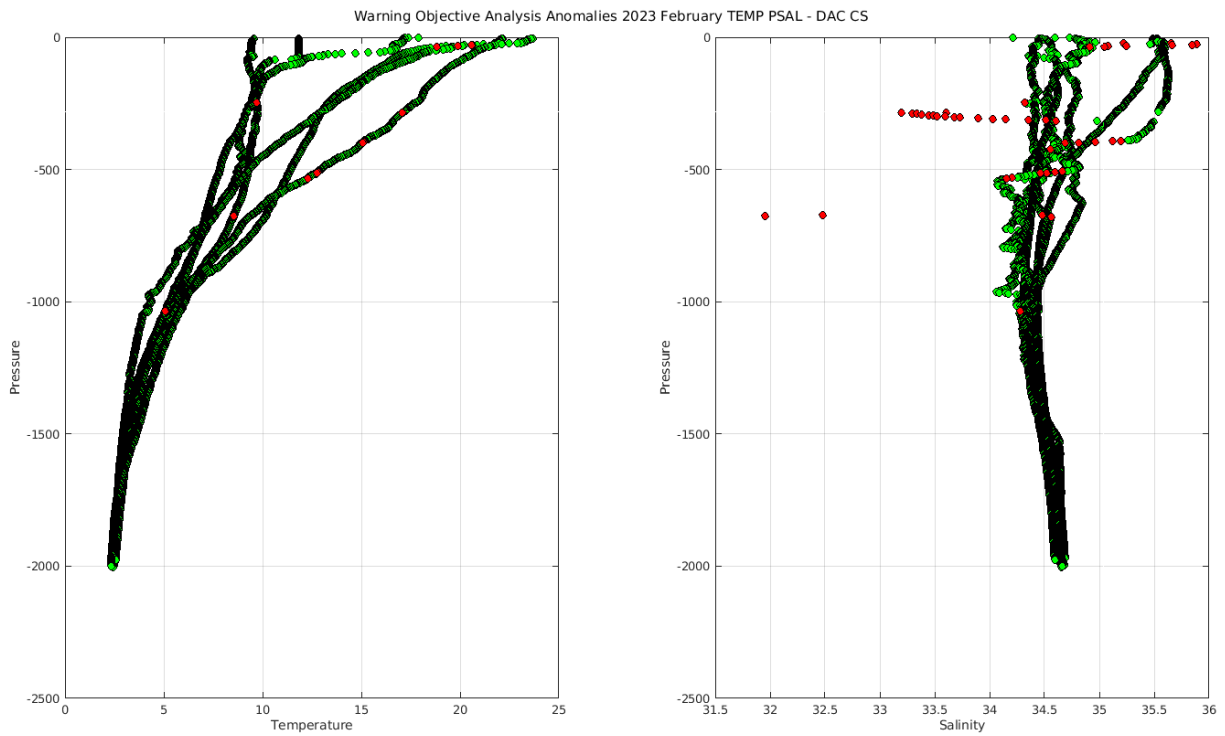


**Status of corrections:** Corrections done or in progress, regular feedback.

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

- Float : 1901758 - Cycle : 108 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8847 - Date : 2023 1 4
- Float : 5905427 - Cycle : 155 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 930 - Date : 2023 2 4
- Float : 5905512 - Cycle : 28 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1074 - Date : 2023 2 2
- Float : 5905514 - Cycle : 25 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1340 - Date : 2023 2 11
- Float : 5905527 - Cycle : 8 - PI : Peter Oke - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-22AU001 - Date : 2023 1 31
- Float : 5906638 - Cycle : 64 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1227 - Date : 2023 2 2

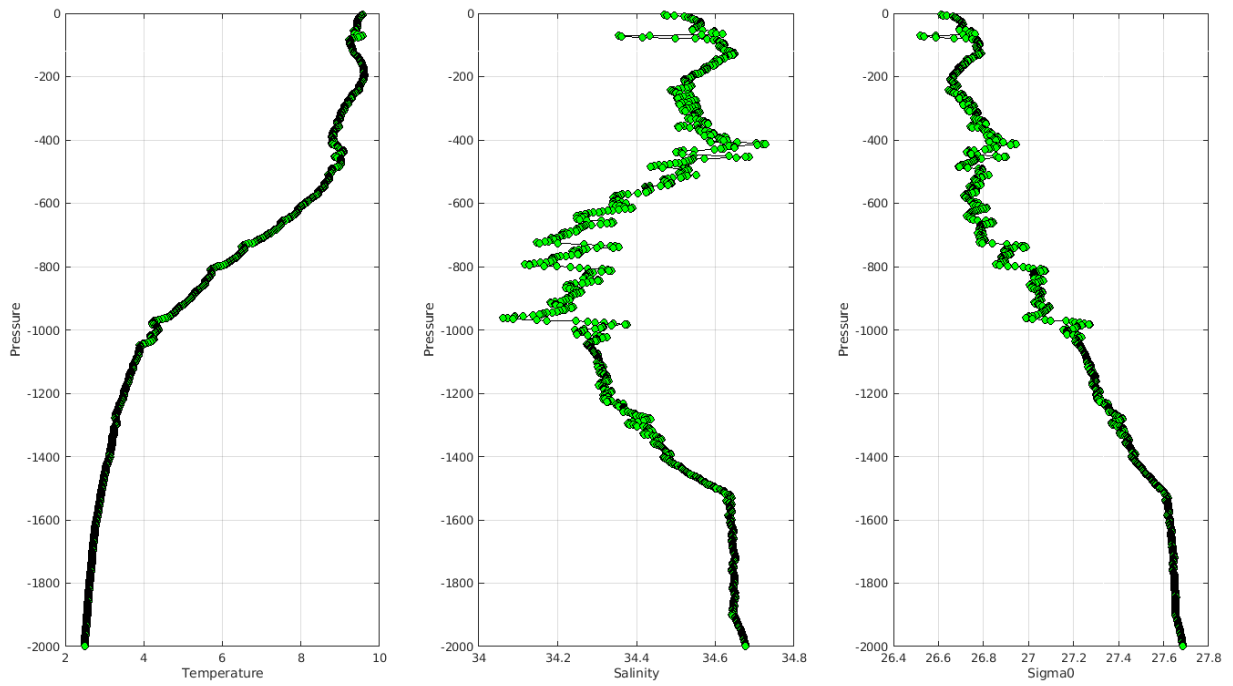
Files data\_mode='D'



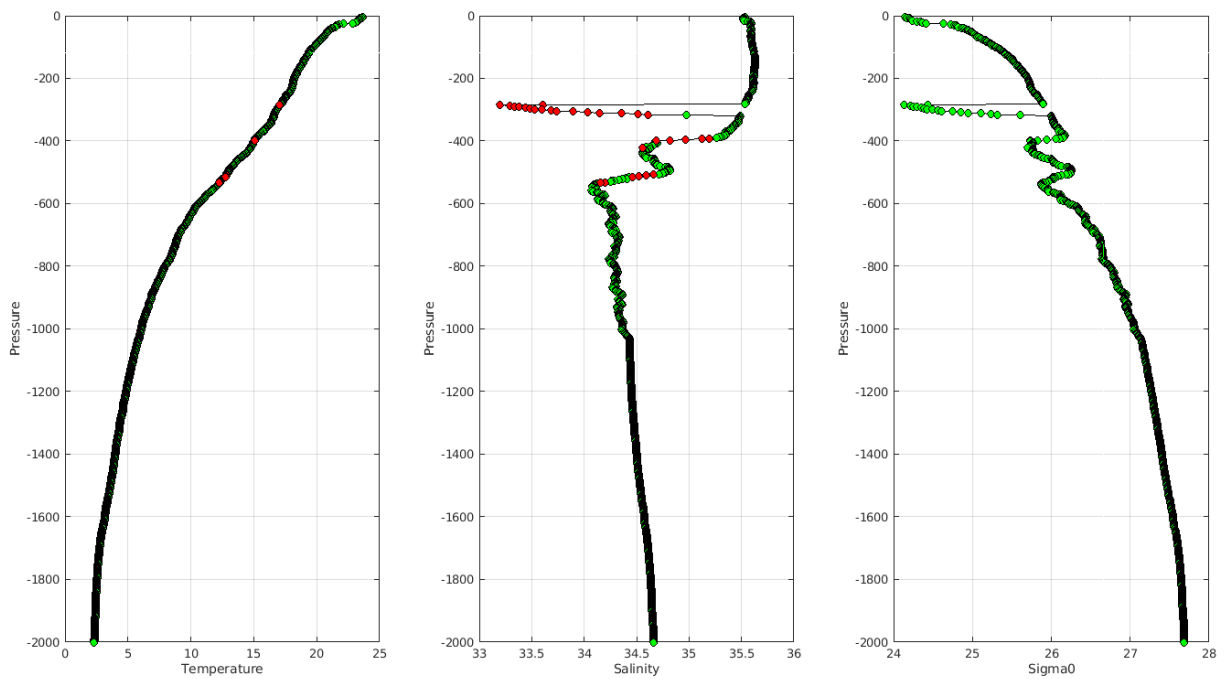
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/csiro/>

Example of anomalies:

Warning Objective Analysis Anomalies 2023 February PSAL : DAC CS- Float 1901758 - 108



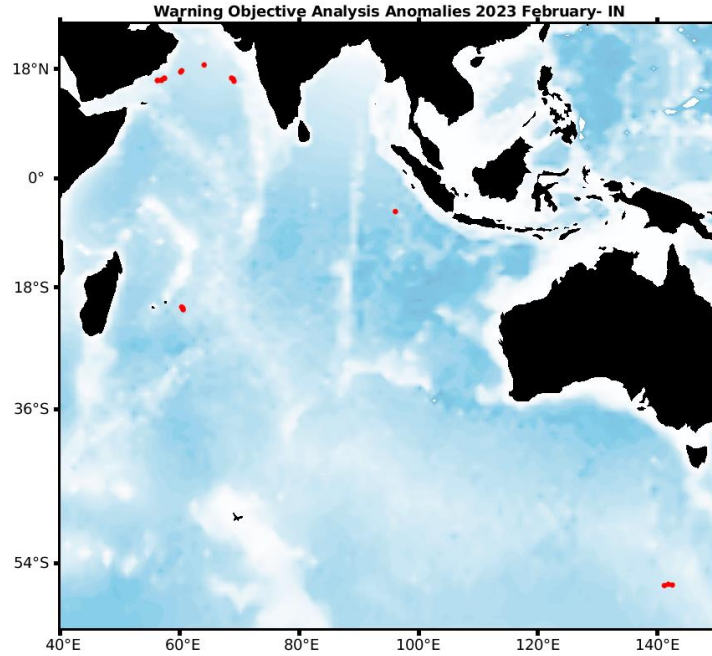
Warning Objective Analysis Anomalies 2023 February TEMP PSAL : DAC CS- Float 5906638 - 64



5.5. DAC INCOIS

Profiles detected by the objective analysis: 16 profiles (7 floats but floats can have several cycles with anomalies)

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

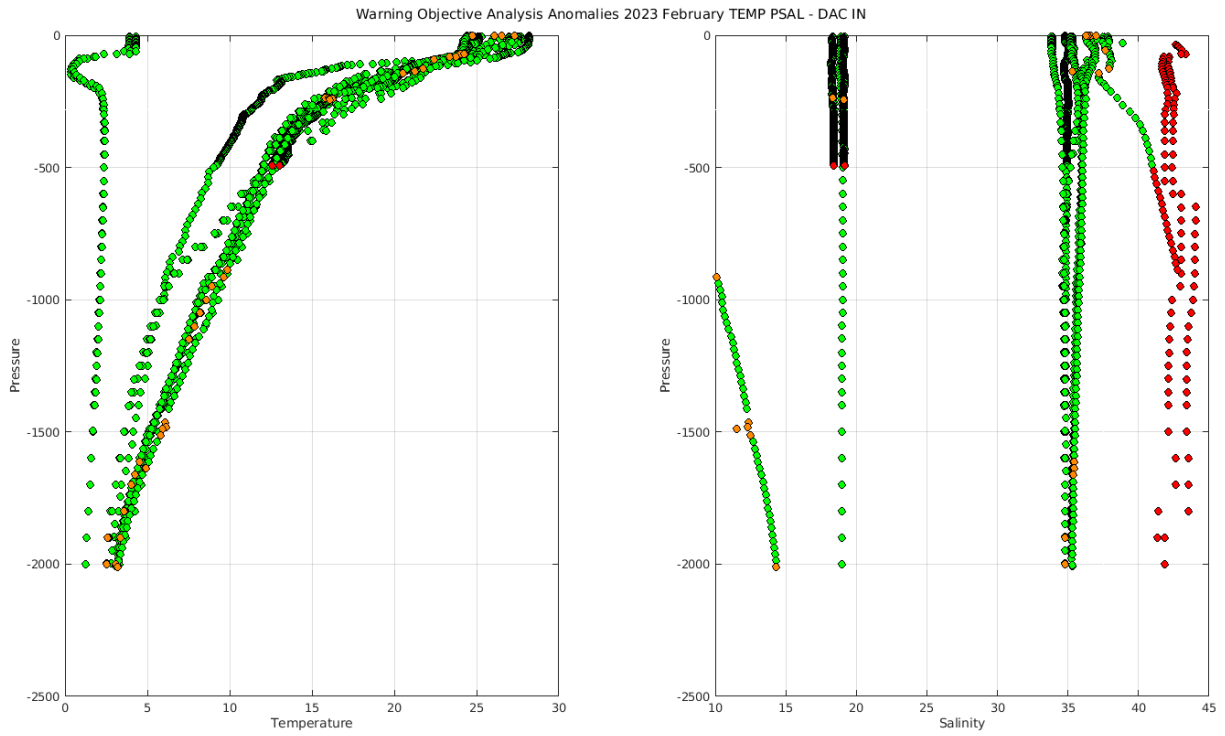


**Status of corrections: Corrections done or in progress, some feedbacks. A re-decoding for a certain type of floats handled at Coriolis may explain the large number of anomalies.**

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

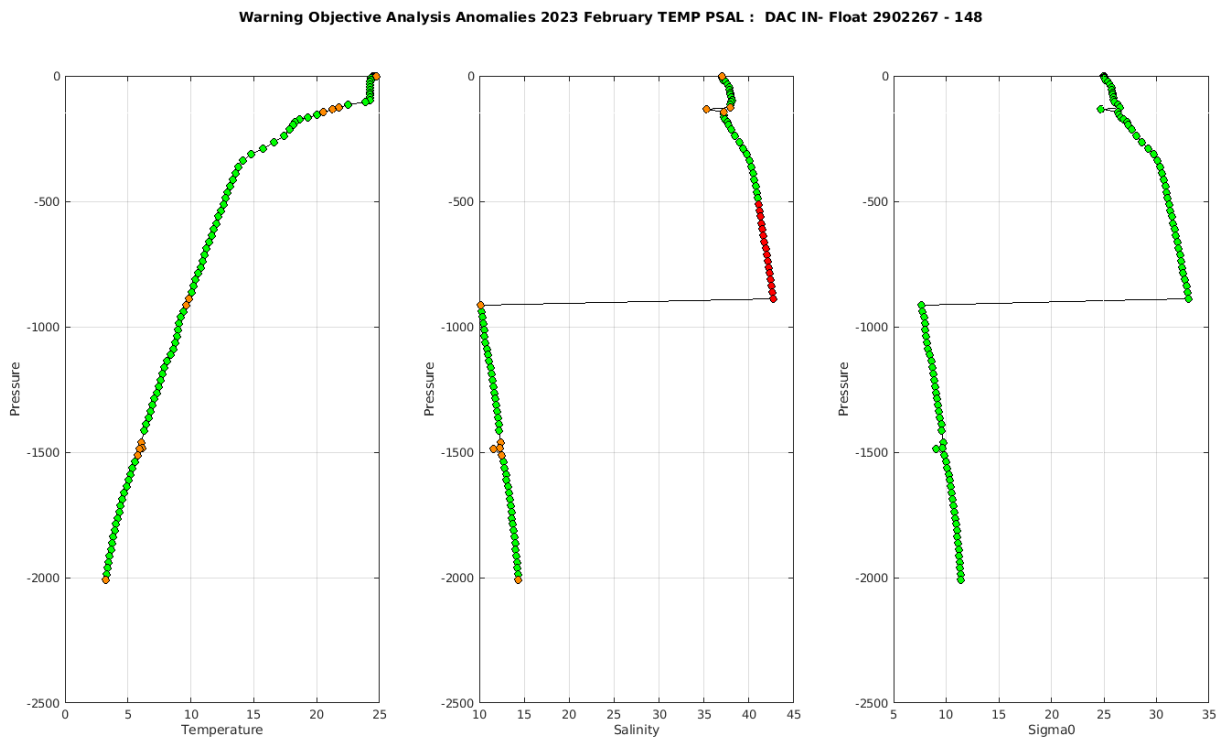
Float : 2902183 - Cycle : 272 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7522 - Date : 2023	2	1
Float : 2902185 - Cycle : 266 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2023	1	28
Float : 2902185 - Cycle : 267 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2023	2	7
Float : 2902185 - Cycle : 268 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2023	2	17
Float : 2902201 - Cycle : 254 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2023	2	9
Float : 2902201 - Cycle : 255 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2023	2	19
Float : 2902209 - Cycle : 237 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2023	2	1
Float : 2902209 - Cycle : 238 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2023	2	10
Float : 2902209 - Cycle : 239 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2023	2	20
Float : 2902222 - Cycle : 221 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2023	1	30
Float : 2902222 - Cycle : 222 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2023	2	9
Float : 2902222 - Cycle : 223 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2023	2	19
Float : 2902265 - Cycle : 147 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18001 - Date : 2023	2	5
Float : 2902265 - Cycle : 148 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18001 - Date : 2023	2	15
Float : 2902265 - Cycle : 149 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18001 - Date : 2023	2	25
Float : 2902267 - Cycle : 148 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2023	2	9

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



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

Example of anomalies:

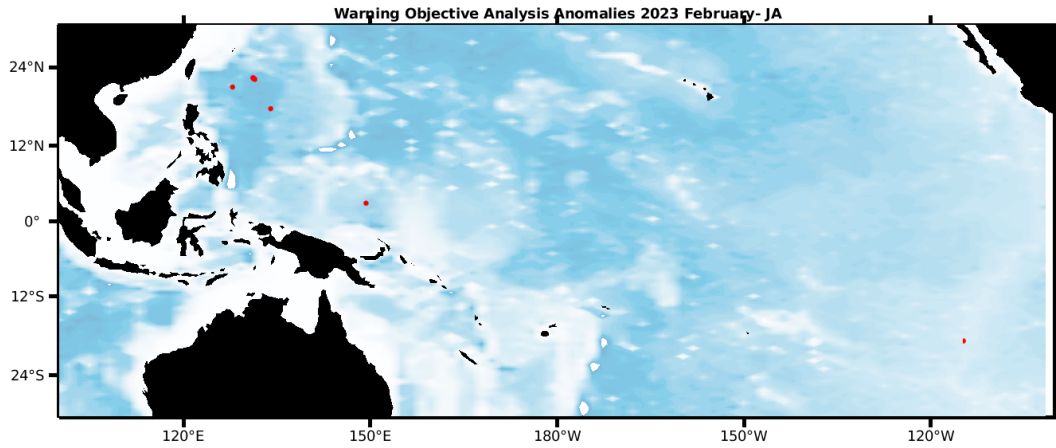




## 5.6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 8 profiles (5 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
5 cycles	3 cycles	0 cycle

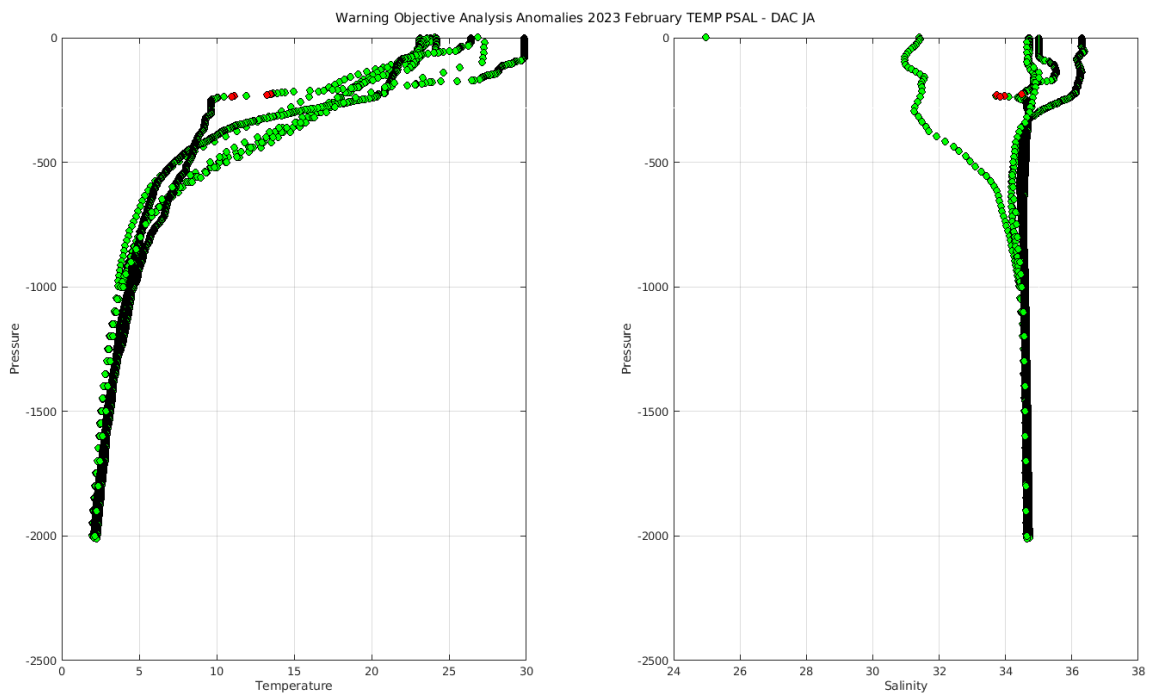


**Status of corrections: Correction in progress, feedbacks each month**

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

Float : 2903642 - Cycle : 167 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-19JP022 - Date : 2023 2 14  
 Float : 2903675 - Cycle : 149 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-20JP003 - Date : 2023 2 4  
 Float : 2903675 - Cycle : 150 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-20JP003 - Date : 2023 2 9  
 Float : 2903675 - Cycle : 151 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-20JP003 - Date : 2023 2 14  
 Float : 2903675 - Cycle : 152 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-20JP003 - Date : 2023 2 19  
 Float : 3902388 - Cycle : 152 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8518 - Date : 2023 2 15  
 Float : 5905225 - Cycle : 160 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8418 - Date : 2023 2 4  
 Float : 5906392 - Cycle : 94 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9713 - Date : 2023 2 8

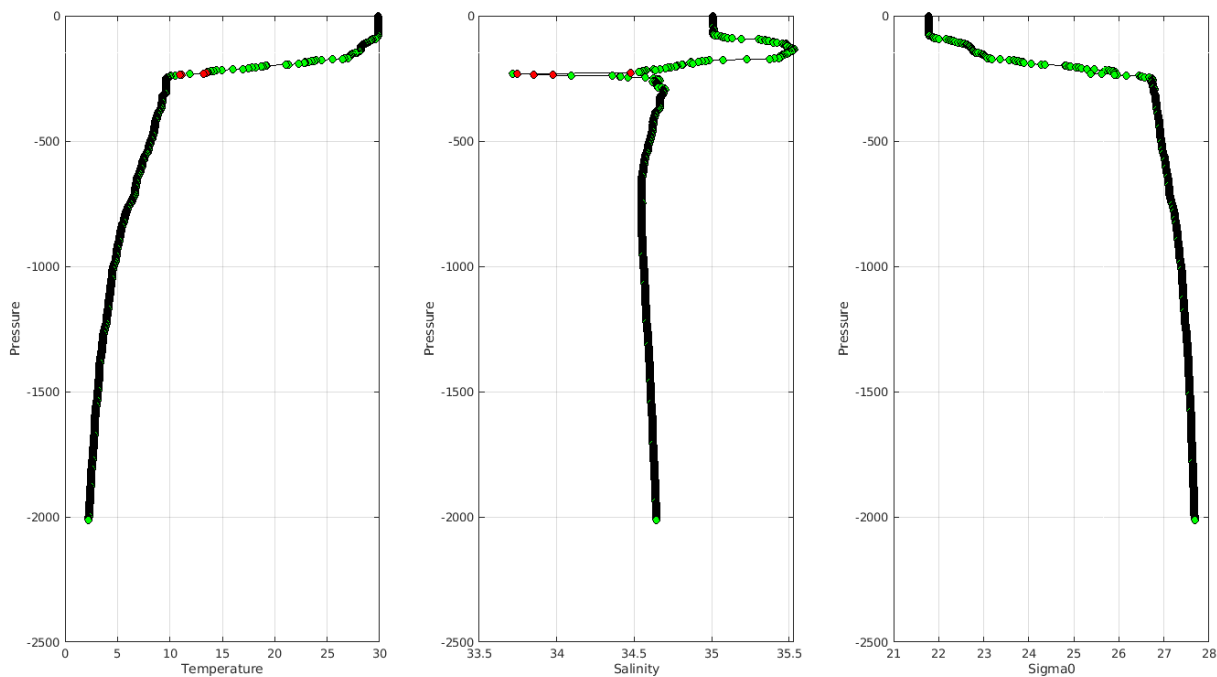
### Files data\_mode='D'



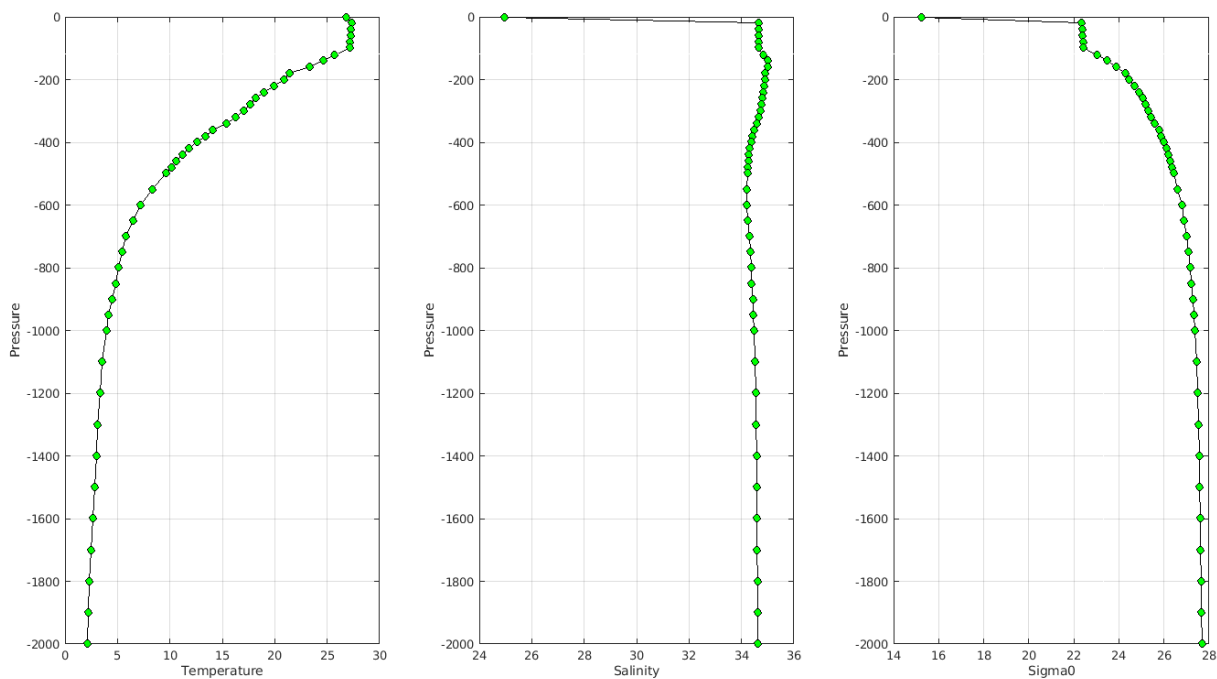
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/ima/>

Example of anomalies:

Warning Objective Analysis Anomalies 2023 February TEMP PSAL : DAC JA- Float 5905225 - 160



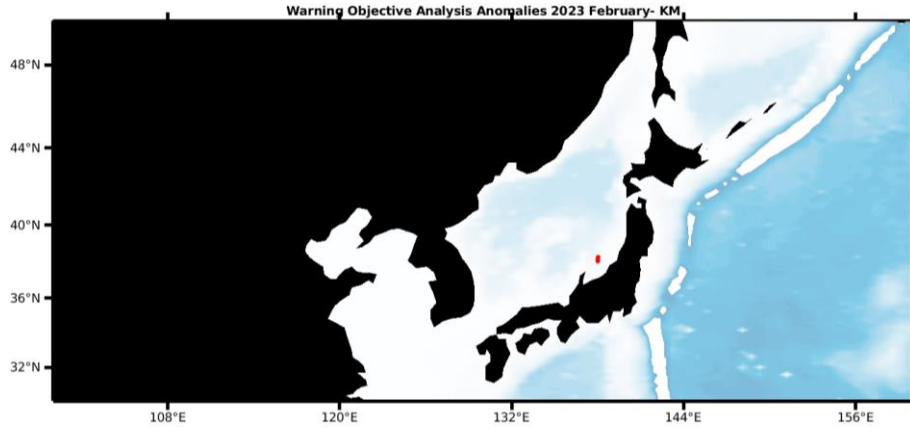
Warning Objective Analysis Anomalies 2023 February TEMP PSAL : DAC JA- Float 5906392 - 94



5.7. DAC KMA

Profiles detected by the objective analysis: 4 profiles (1 float – float can have several cycles with anomalies)

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



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

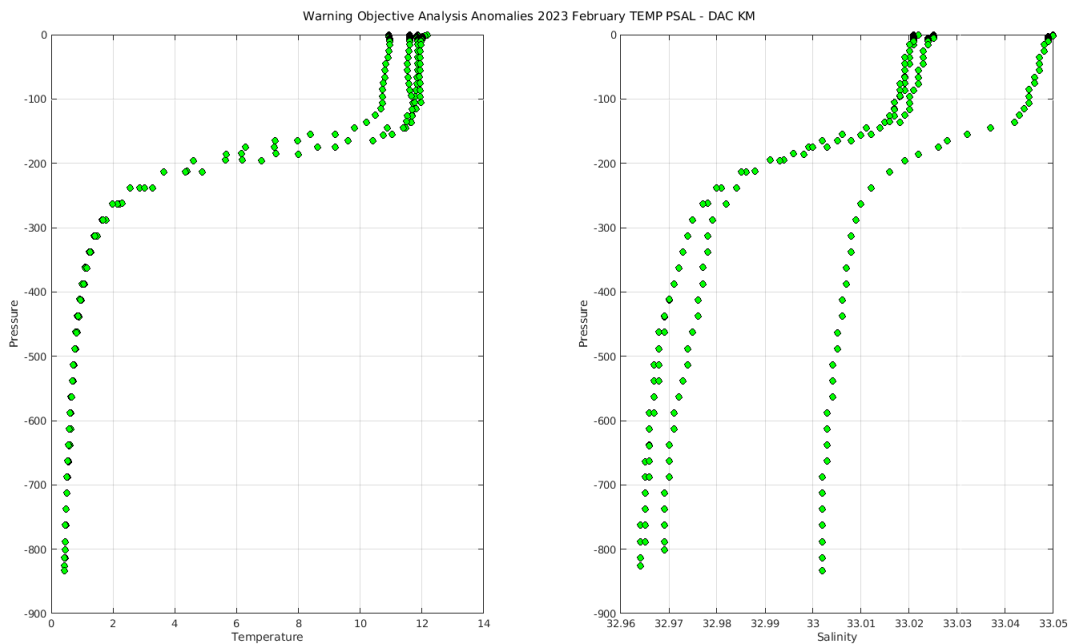
Files data\_mode='R'/'A'

- Float : 2901792 - Cycle : 170 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2023 2 4
- Float : 2901792 - Cycle : 171 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2023 2 11
- Float : 2901792 - Cycle : 172 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2023 2 18
- Float : 2901792 - Cycle : 173 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2023 2 25

Files data\_mode='D'

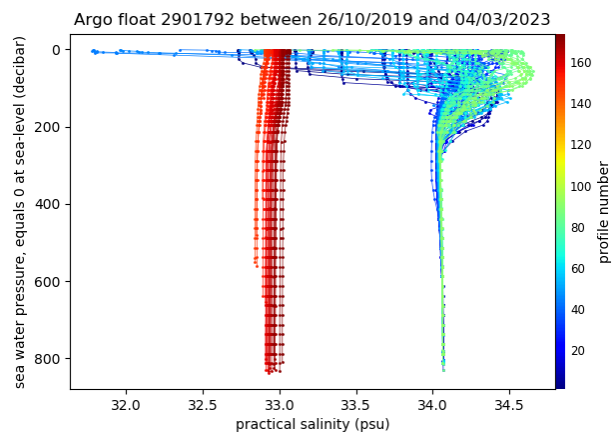
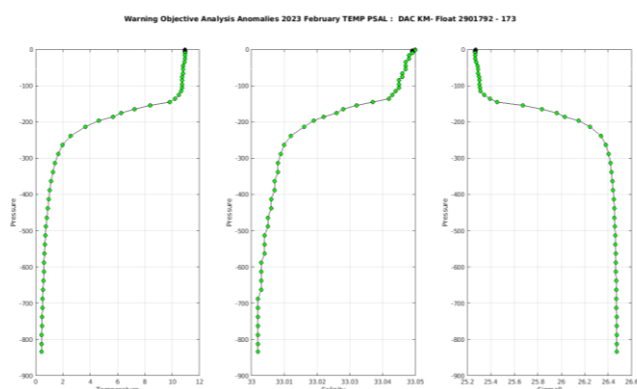
**This float is recorded on the greylist but not in the right format :**

- 2901792,PSAL,20210814,,4,salinity drift,KM
- 2901792,PSAL,20220122,20220903,4,salinity sensor problem,KM



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	<b>R2900171_001.nc</b>
D2900171_007.nc	D2900171_015.nc	D2900171_023.nc	D2900171_033.nc	D2900171_041.nc	D2900171_049.nc	D2900171_057.nc	D2900171_065.nc	<b>R2900171_024.nc</b>
D2900171_008.nc	D2900171_016.nc	D2900171_026.nc	D2900171_034.nc	D2900171_042.nc	D2900171_050.nc	D2900171_058.nc	D2900171_066.nc	<b>R2900171_025.nc</b>
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 form a problem of decoding

PSAL =

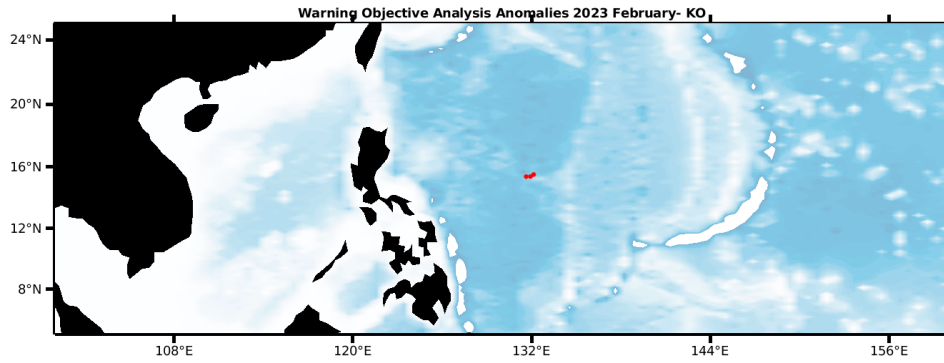
**-1073760.375**, 33.900, 33.876, 33.928, 33.964, 34.015,  
34.028, 34.027, 34.031, 34.033, 34.034, 34.029,

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

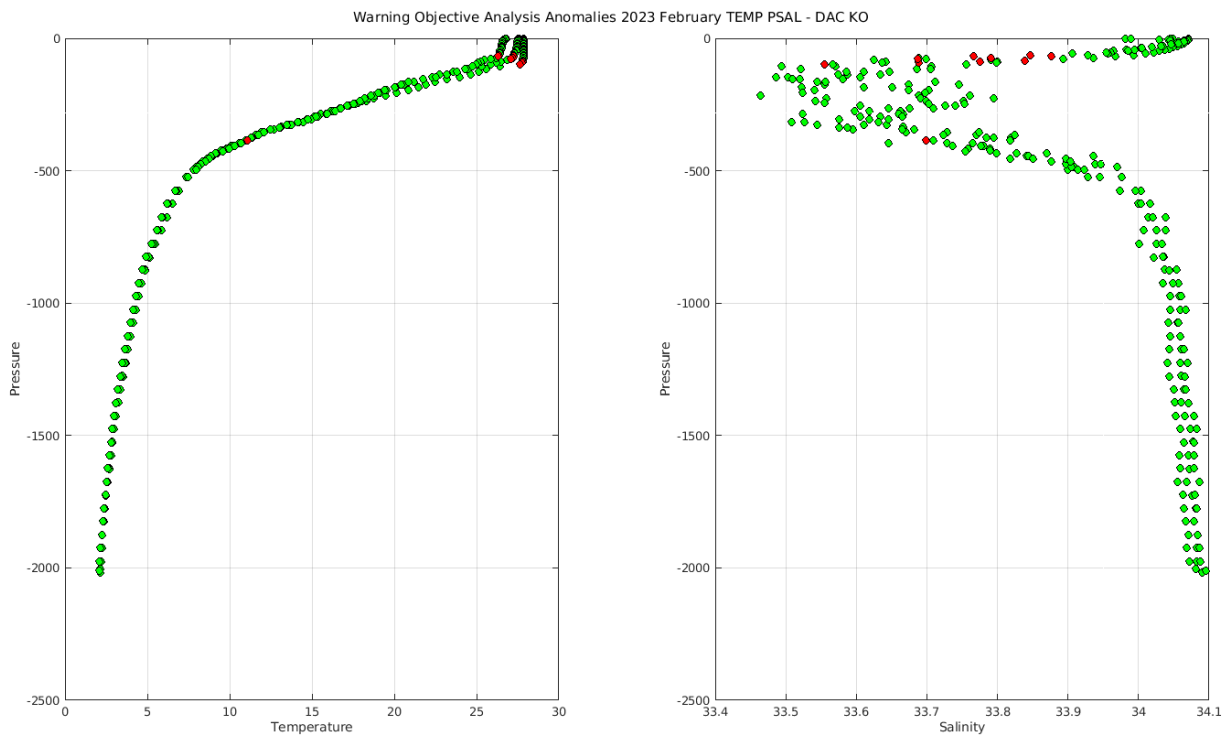


**Status of corrections: No feedback.**

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

Float : 3902470 - Cycle : 12 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2023 1 31  
 Float : 3902470 - Cycle : 13 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2023 2 10  
 Float : 3902470 - Cycle : 14 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2023 2 20

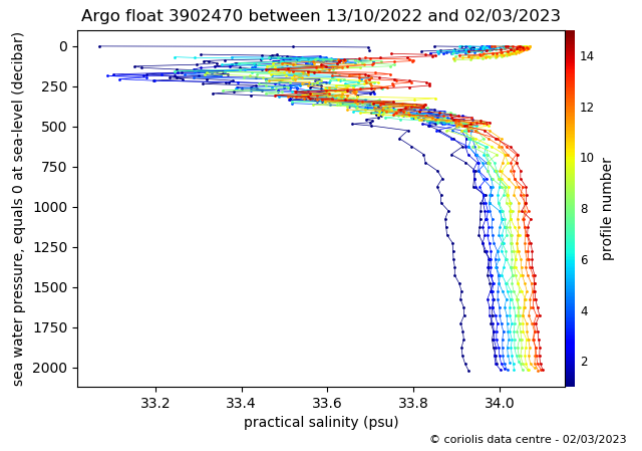
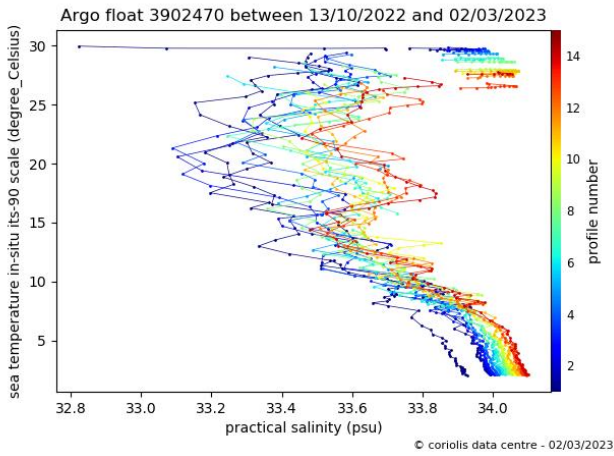
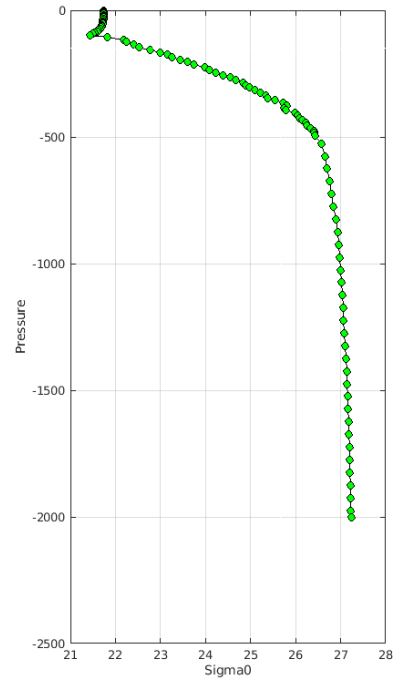
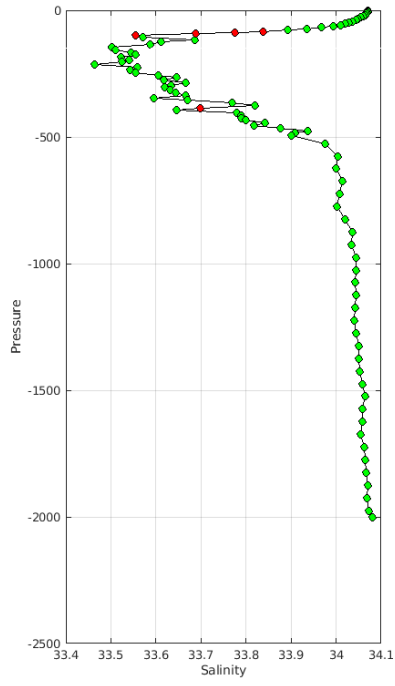
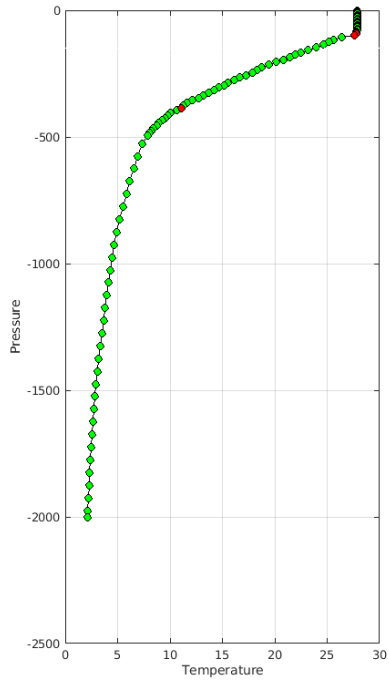
### Files data\_mode='D'



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

Example of anomalies:

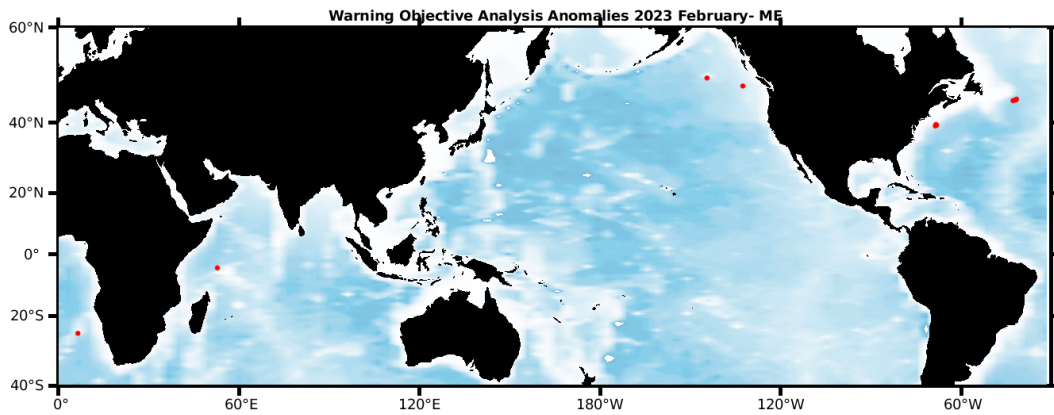
Warning Objective Analysis Anomalies 2023 February TEMP PSAL : DAC KO- Float 3902470 - 12



## 5.9. DAC MEDS

Profiles detected by the objective analysis: 10 profiles (6 floats but floats can have several cycles with anomalies)

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

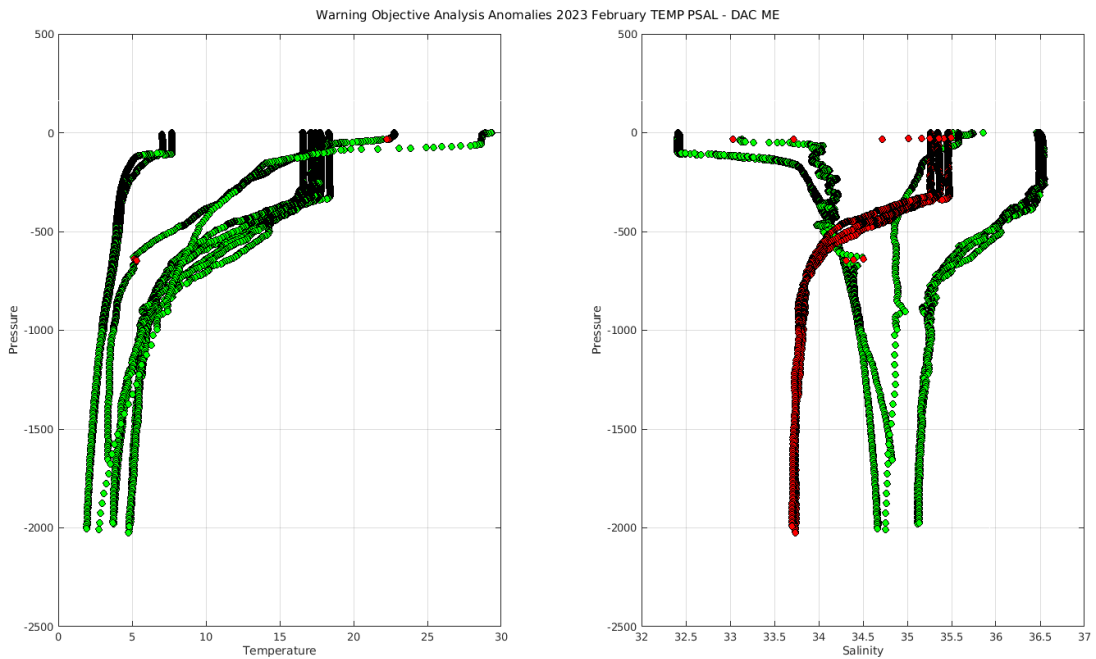


**Status of corrections: In progress.**

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

Float : 4902443 - Cycle : 147 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA06 - Date : 2023 2 24  
 Float : 4902445 - Cycle : 170 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA08 - Date : 2023 2 12  
 Float : 4902470 - Cycle : 138 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2023 2 3  
 Float : 4902470 - Cycle : 139 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2023 2 13  
 Float : 4902470 - Cycle : 140 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2023 2 24  
 Float : 4902560 - Cycle : 38 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA01 - Date : 2023 2 17  
 Float : 4902595 - Cycle : 29 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2023 2 1  
 Float : 4902595 - Cycle : 30 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2023 2 11  
 Float : 4902595 - Cycle : 31 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2023 2 21  
 Float : 4902623 - Cycle : 10 - PI : Blair Greenan - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P41305-22CA004 - Date : 2023 1 27

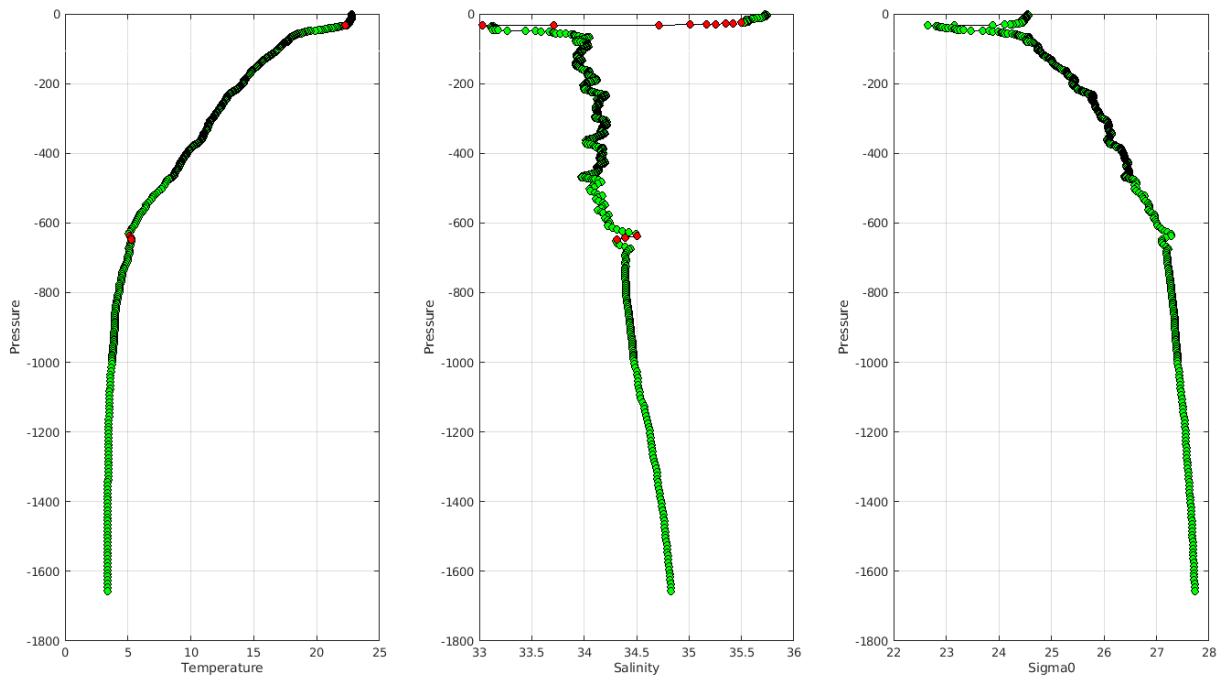
### Files data\_mode='D'



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

Example of anomalies:

Warning Objective Analysis Anomalies 2023 February TEMP PSAL : DAC ME- Float 4902560 - 38



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

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

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





## 6. Synthetic profiles

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

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

## 7. Instrument\_code error

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

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

WMO\_INST\_TYPE =

"872 ",  
"872 " ;

VERTICAL\_SAMPLING\_SCHEME =

"Primary sampling: averaged [nominal 2 dbar binned data sampled at 1.0 Hz from a SBE41CP; bin detail from 0 dbar (number bins/bin width): 10/ 1; 490/ 2;remaining/ 2] ",

"Near-surface sampling: discrete, pumped [shallowest polling from the same SBE41CP]

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

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

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

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

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

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

## 8.1. AOML

### GDAC (missing nc files)

For some floats :

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

See below the list of floats with existing nc files :

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

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

DAC name : aoml – Number of floats : 8442

1900167 - Existing NetCDF files

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

3900160 - Existing NetCDF files

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

1900168 - Existing NetCDF files

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

41534 - Existing NetCDF files

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

1900189 - Existing NetCDF files

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

4900228 - Existing NetCDF files

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

1900244 - Existing NetCDF files

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

4900229 - Existing NetCDF files

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

1900245 - Existing NetCDF files

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

4900230 - Existing NetCDF files

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

1900255 - Existing NetCDF files

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

4900268 - Existing NetCDF files

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

1900257 - Existing NetCDF files

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

4900269 - Existing NetCDF files

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

1900748 - Existing NetCDF files

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

4900270 - Existing NetCDF files

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

1900831 - Existing NetCDF files

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

4900271 - Existing NetCDF files

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

1901658 - Existing NetCDF files

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

4900272 - Existing NetCDF files

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

2901106 - Existing NetCDF files

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

4900273 - Existing NetCDF files

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

3900148 - Existing NetCDF files

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

4900287 - Existing NetCDF files

File : 4900287\_Rtraj.nc - 4900287\_meta.nc - 4900287\_tech.nc -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

4903464 - Existing NetCDF files

File : 4903464\_meta.nc - 4903464\_prof.nc - 4903464\_tech.nc -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## 8.2. BODC

### GDAC (missing nc files)

**For some floats :**

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

**MAINLY TRAJECTORY FILE MISSING**

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

**DAC name : bodc – Number of floats : 843**

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 -



File : 1901928\_meta.nc - 1901928\_prof.nc - 1901928\_tech.nc -  
1901931 - Existing NetCDF files  
File : 1901931\_meta.nc - 1901931\_prof.nc - 1901931\_tech.nc -  
1901932 - Existing NetCDF files  
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6901201 - Existing NetCDF files

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6901202 - Existing NetCDF files

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6901205 - Existing NetCDF files

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6901211 - Existing NetCDF files

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6901212 - Existing NetCDF files

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6903715 - Existing NetCDF files  
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6903716 - Existing NetCDF files  
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6903717 - Existing NetCDF files  
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6903718 - Existing NetCDF files  
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6903719 - Existing NetCDF files  
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6903720 - Existing NetCDF files  
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6903721 - Existing NetCDF files  
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6903758 - Existing NetCDF files  
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6903760 - Existing NetCDF files  
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6903761 - Existing NetCDF files  
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6904179 - Existing NetCDF files  
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6904180 - Existing NetCDF files  
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6904181 - Existing NetCDF files  
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7901008 - 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 : 3599**

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 -

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 -

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

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

6903811 - Existing NetCDF files

File : 6903811\_Rtraj.nc - 6903811\_meta.nc

6903827 - Existing NetCDF files

File : 6903827\_BRtraj.nc - 6903827\_Rtraj.nc - 6903827\_meta.nc -

7900349 - Existing NetCDF files

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

## 8.4. CSIO

### GDAC (missing nc files)

For some floats :

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

See below the list of floats with existing nc files :

**DAC name : csio – Number of floats : 526**

## 8.5. CSIRO

### GDAC (missing nc files)

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 : 1120**

1901743 - Existing NetCDF files

File : 1901743\_meta.nc - 1901743\_prof.nc - 1901743\_tech.nc -

1901744 - Existing NetCDF files

File : 1901744\_meta.nc - 1901744\_prof.nc - 1901744\_tech.nc -

1901745 - Existing NetCDF files

File : 1901745\_meta.nc - 1901745\_prof.nc - 1901745\_tech.nc -

1901746 - Existing NetCDF files

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

1901747 - Existing NetCDF files

File : 1901747\_meta.nc - 1901747\_prof.nc - 1901747\_tech.nc -

1901749 - Existing NetCDF files

File : 1901749\_meta.nc - 1901749\_prof.nc - 1901749\_tech.nc -

1901752 - Existing NetCDF files

File : 1901752\_meta.nc - 1901752\_prof.nc - 1901752\_tech.nc -

1901753 - Existing NetCDF files

File : 1901753\_meta.nc - 1901753\_prof.nc - 1901753\_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

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5904917 - Existing NetCDF files

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5904922 - Existing NetCDF files

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5904925 - Existing NetCDF files

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

5905205 - Existing NetCDF files

File : 5905205\_meta.nc - 5905205\_prof.nc - 5905205\_tech.nc -

5905389 - Existing NetCDF files

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5905390 - Existing NetCDF files

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5905393 - Existing NetCDF files

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5905394 - Existing NetCDF files

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5905410 - Existing NetCDF files

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5905411 - Existing NetCDF files

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5905412 - Existing NetCDF files

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5905413 - Existing NetCDF files

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5905419 - Existing NetCDF files

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5905420 - Existing NetCDF files

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5905421 - Existing NetCDF files

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5905430 - Existing NetCDF files

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5905431 - Existing NetCDF files

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5905432 - Existing NetCDF files

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5905454 - Existing NetCDF files

File : 5905454\_meta.nc - 5905454\_prof.nc - 5905454\_tech.nc -

5905468 - Existing NetCDF files

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

7900638 - Existing NetCDF files

File : 7900638\_meta.nc - 7900638\_prof.nc - 7900638\_tech.nc -

7900639 - Existing NetCDF files

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7900640 - Existing NetCDF files

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7900641 - Existing NetCDF files

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7900642 - Existing NetCDF files

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7900643 - Existing NetCDF files

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7900646 - Existing NetCDF files

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7900647 - Existing NetCDF files

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7900648 - Existing NetCDF files

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7900649 - Existing NetCDF files

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7900650 - Existing NetCDF files  
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7900651 - Existing NetCDF files  
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7900891 - Existing NetCDF files  
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7900892 - Existing NetCDF files  
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7900894 - Existing NetCDF files

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7900899 - Existing NetCDF files  
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7900903 - Existing NetCDF files  
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7900913 - Existing NetCDF files  
File : 7900913\_meta.nc - 7900913\_prof.nc - 7900913\_tech.nc

7900919 - Existing NetCDF files  
File : 7900919\_meta.nc - 7900919\_prof.nc - 7900919\_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 : 491

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 -

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  
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2902232 - Existing NetCDF files  
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2902233 - Existing NetCDF files  
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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  
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2902262 - Existing NetCDF files  
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2902265 - Existing NetCDF files  
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2902266 - Existing NetCDF files  
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2902267 - Existing NetCDF files  
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2902268 - Existing NetCDF files  
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2902269 - Existing NetCDF files  
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2902278 - Existing NetCDF files  
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2902279 - Existing NetCDF files  
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2902280 - Existing NetCDF files  
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2902281 - Existing NetCDF files  
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2902282 - Existing NetCDF files  
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2902283 - Existing NetCDF files  
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2902284 - Existing NetCDF files  
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2902285 - Existing NetCDF files  
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2902286 - Existing NetCDF files  
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2902287 - Existing NetCDF files  
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2902288 - Existing NetCDF files  
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2902289 - Existing NetCDF files  
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2902290 - Existing NetCDF files  
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2902291 - Existing NetCDF files  
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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 -

## 8.7. JMA

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

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

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

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

#### -Others : 8 floats

#### need further investigation

#### For some floats :

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

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

#### DAC name : jma – Number of floats : 1894

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 -

2901998 - Existing NetCDF files  
File : 2901998\_meta.nc - 2901998\_prof.nc -

2902455 - Existing NetCDF files  
File : 2902455\_Rtraj.nc - 2902455\_meta.nc - 2902455\_tech.nc -

2902469 - Existing NetCDF files  
File : 2902469\_Rtraj.nc - 2902469\_meta.nc - 2902469\_tech.nc -

2902508 - Existing NetCDF files  
File : 2902508\_meta.nc - 2902508\_prof.nc -

2902509 - Existing NetCDF files  
File : 2902509\_meta.nc - 2902509\_prof.nc -

2902510 - Existing NetCDF files  
File : 2902510\_meta.nc - 2902510\_prof.nc -

2902529 - Existing NetCDF files  
File : 2902529\_Sprof.nc - 2902529\_meta.nc - 2902529\_prof.nc -

2902530 - Existing NetCDF files  
File : 2902530\_Sprof.nc - 2902530\_meta.nc - 2902530\_prof.nc -

2902971 - Existing NetCDF files  
File : 2902971\_meta.nc - 2902971\_prof.nc -

2902977 - Existing NetCDF files  
File : 2902977\_Rtraj.nc - 2902977\_meta.nc - 2902977\_tech.nc -

2902978 - Existing NetCDF files  
File : 2902978\_Rtraj.nc - 2902978\_meta.nc - 2902978\_tech.nc -

2903005 - Existing NetCDF files  
File : 2903005\_meta.nc - 2903005\_prof.nc -

2903006 - Existing NetCDF files  
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  
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2903170 - Existing NetCDF files  
File : 2903170\_Sprof.nc - 2903170\_meta.nc - 2903170\_prof.nc -

2903171 - Existing NetCDF files  
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2903172 - Existing NetCDF files  
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2903173 - Existing NetCDF files  
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2903174 - Existing NetCDF files  
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2903175 - Existing NetCDF files  
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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  
File : 2903213\_Sprof.nc - 2903213\_meta.nc - 2903213\_prof.nc -

2903327 - Existing NetCDF files  
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2903329 - Existing NetCDF files  
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2903330 - Existing NetCDF files  
File : 2903330\_Sprof.nc - 2903330\_meta.nc - 2903330\_prof.nc -

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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2903370 - Existing NetCDF files  
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2903372 - Existing NetCDF files  
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2903373 - Existing NetCDF files  
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2903374 - Existing NetCDF files  
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2903375 - Existing NetCDF files  
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2903376 - Existing NetCDF files  
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2903377 - Existing NetCDF files  
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2903378 - Existing NetCDF files  
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2903379 - Existing NetCDF files  
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2903380 - Existing NetCDF files  
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2903382 - Existing NetCDF files  
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2903386 - Existing NetCDF files  
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2903389 - Existing NetCDF files  
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2903392 - Existing NetCDF files  
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2903393 - Existing NetCDF files  
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2903394 - Existing NetCDF files  
File : 2903394\_Sprof.nc - 2903394\_meta.nc - 2903394\_prof.nc -

2903395 - Existing NetCDF files  
File : 2903395\_Sprof.nc - 2903395\_meta.nc - 2903395\_prof.nc -

2903396 - Existing NetCDF files  
File : 2903396\_Sprof.nc - 2903396\_meta.nc - 2903396\_prof.nc -

2903397 - Existing NetCDF files  
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2903398 - 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  
File : 2903401\_meta.nc - 2903401\_prof.nc -

2903402 - Existing NetCDF files  
File : 2903402\_meta.nc - 2903402\_prof.nc -

2903403 - Existing NetCDF files  
File : 2903403\_meta.nc - 2903403\_prof.nc -

2903404 - Existing NetCDF files  
File : 2903404\_meta.nc - 2903404\_prof.nc -

2903605 - Existing NetCDF files  
File : 2903605\_meta.nc - 2903605\_prof.nc -

2903606 - Existing NetCDF files  
File : 2903606\_meta.nc - 2903606\_prof.nc -

2903607 - Existing NetCDF files  
File : 2903607\_meta.nc - 2903607\_prof.nc -

2903608 - Existing NetCDF files  
File : 2903608\_meta.nc - 2903608\_prof.nc -

2903609 - Existing NetCDF files  
File : 2903609\_meta.nc - 2903609\_prof.nc -

2903610 - Existing NetCDF files  
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2903611 - Existing NetCDF files  
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2903612 - 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  
File : 2903632\_meta.nc - 2903632\_prof.nc -

2903648 - Existing NetCDF files  
File : 2903648\_Sprof.nc - 2903648\_meta.nc - 2903648\_prof.nc -

2903649 - Existing NetCDF files  
File : 2903649\_meta.nc - 2903649\_prof.nc -

2903650 - Existing NetCDF files  
File : 2903650\_Sprof.nc - 2903650\_meta.nc - 2903650\_prof.nc -

2903651 - Existing NetCDF files  
File : 2903651\_Sprof.nc - 2903651\_meta.nc - 2903651\_prof.nc -

2903652 - Existing NetCDF files  
File : 2903652\_Sprof.nc - 2903652\_meta.nc - 2903652\_prof.nc -

2903653 - Existing NetCDF files  
File : 2903653\_Sprof.nc - 2903653\_meta.nc - 2903653\_prof.nc -

2903654 - Existing NetCDF files  
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2903655 - Existing NetCDF files  
File : 2903655\_Sprof.nc - 2903655\_meta.nc - 2903655\_prof.nc -

2903656 - Existing NetCDF files  
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2903657 - Existing NetCDF files  
File : 2903657\_Sprof.nc - 2903657\_meta.nc - 2903657\_prof.nc -

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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3902388 - Existing NetCDF files  
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3902389 - Existing NetCDF files  
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3902390 - Existing NetCDF files  
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3902392 - Existing NetCDF files  
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3902393 - Existing NetCDF files  
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3902394 - Existing NetCDF files  
File : 3902394\_meta.nc - 3902394\_prof.nc -

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

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

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

4902981 - Existing NetCDF files  
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4902982 - Existing NetCDF files  
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4902983 - Existing NetCDF files  
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4902984 - Existing NetCDF files  
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4902985 - Existing NetCDF files  
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4902986 - Existing NetCDF files  
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4902987 - Existing NetCDF files  
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4902988 - 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  
File : 4903608\_meta.nc - 4903608\_prof.nc -

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

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

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

5904937 - Existing NetCDF files  
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5905062 - Existing NetCDF files  
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5905063 - Existing NetCDF files  
File : 5905063\_meta.nc - 5905063\_prof.nc -

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

5905223 - Existing NetCDF files  
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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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5905838 - Existing NetCDF files  
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5905839 - Existing NetCDF files  
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5905840 - 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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5905844 - Existing NetCDF files  
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5905845 - Existing NetCDF files  
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5905846 - Existing NetCDF files  
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5905848 - Existing NetCDF files

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5905849 - Existing NetCDF files  
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5905851 - Existing NetCDF files  
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5905852 - Existing NetCDF files  
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5905853 - Existing NetCDF files  
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5905855 - Existing NetCDF files  
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5905856 - Existing NetCDF files  
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5905857 - 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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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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5905881 - Existing NetCDF files  
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5905882 - 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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5906389 - Existing NetCDF files  
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5906390 - Existing NetCDF files  
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5906391 - Existing NetCDF files  
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5906392 - Existing NetCDF files  
File : 5906392\_meta.nc - 5906392\_prof.nc -

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

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

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

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

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

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

7900652 - Existing NetCDF files  
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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  
File : 7900691\_meta.nc - 7900691\_prof.nc -

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

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

7900866 - Existing NetCDF files  
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7900868 - Existing NetCDF files  
File : 7900868\_meta.nc - 7900868\_prof.nc -

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

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

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 : 259

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

## 8.9. KORDI/KIOST

**For some floats :**

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

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

**DAC name : kiost – Number of floats : 115**

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 -

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 -

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 -

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

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

## 8.10. MEDS

**For some floats :**

- traj file missing

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

**DAC name : meds – Number of floats : 651**

## 8.11. NMDIS

**For some floats :**

- 

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

**DAC name : nmdis – Number of floats : 19**