GDAC Float Anomalies Monitoring

December 2024

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Coriolis

NOTES

NOVEMBER 2017

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

DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC, NEW_QC,VERTICAL_SAMPLING_SCHEME

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

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

DECEMBER 2017

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

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

January 2018

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

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

The problem has been resolved rapidly.

May 2018

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

July 2018

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

March 2019

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

April 2019

Re-organization of the report

June 2019

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

September 2019

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

October 2019

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

November 2019

Many anomalies were detected after processing MinMax method on the retroactive years (till end of 2014).
The list describing the floats has been divided in 2 parts : one for files with data_mode = 'A' & 'R', an other for data_mode='D'.

February 2020

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

March 2020

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

April 2020

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

October 2020

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

November 2020

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

March 2021

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

December 2021

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

March 2023

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

December 2023

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

June 2024

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

July 2024

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

Summary

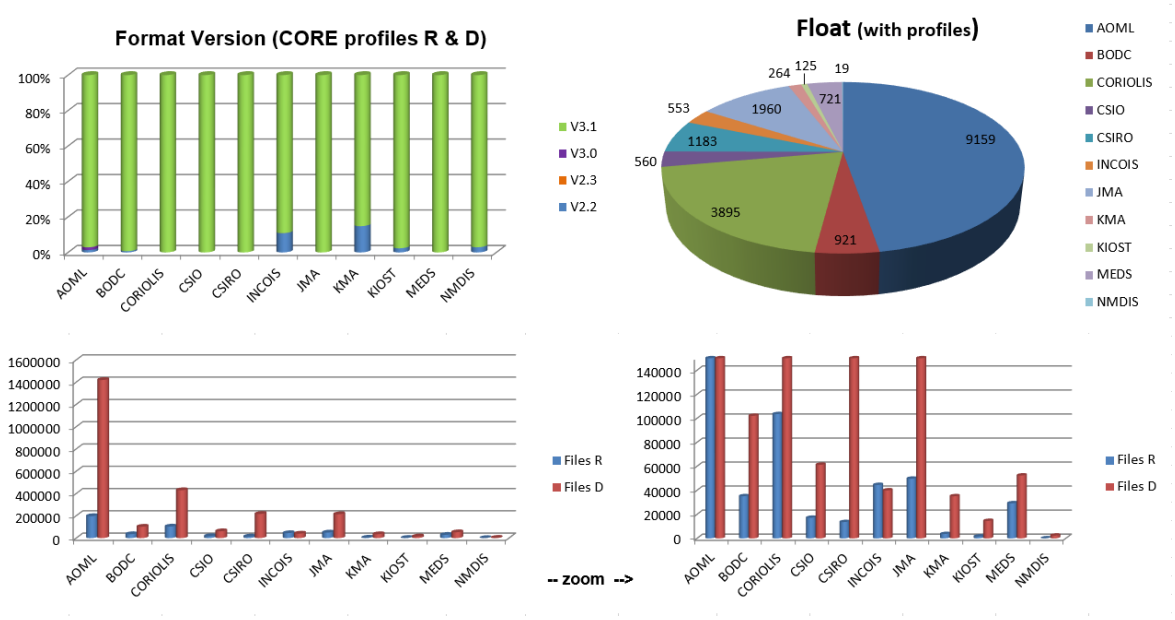
1. Anomalies of Argo profiles – Suspected drift

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

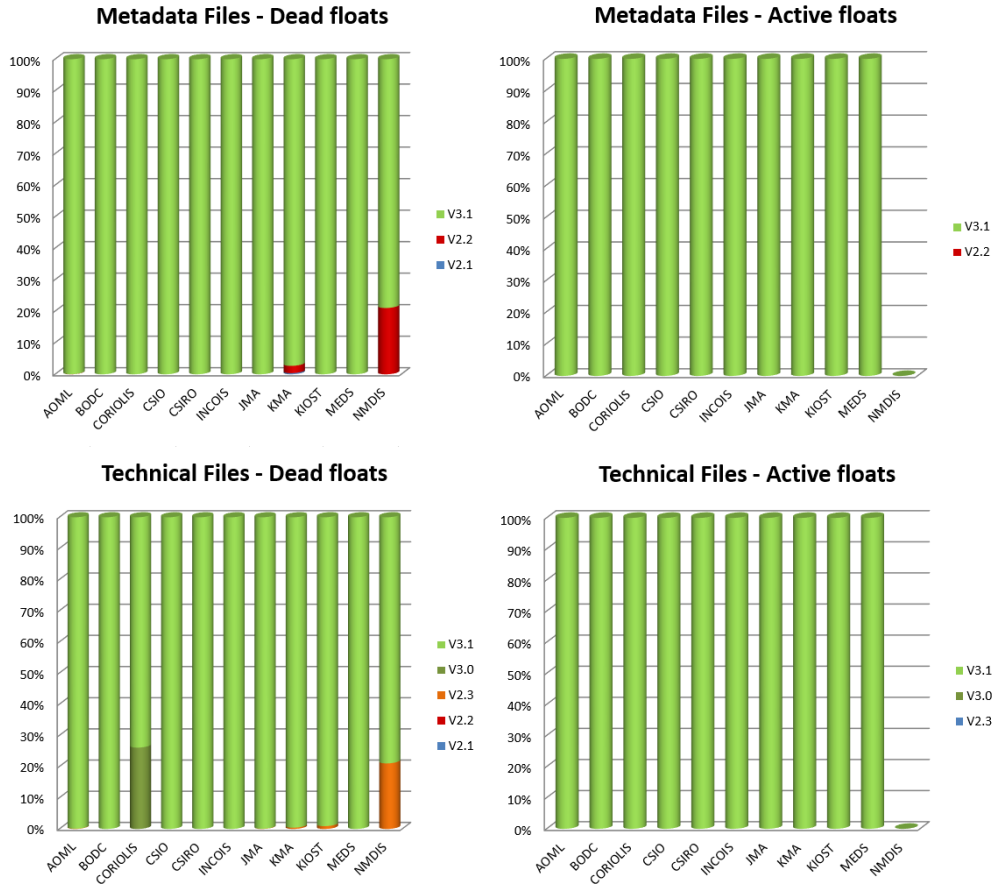
DAC	WMO	PI	First station in alert	First cycle in alert	Last Station in alert	Last cycle in alert	QC level in RT in Coriolis DB	Description	SENSOR_MODEL	SERIAL_NU	Failure_Type for Coriolis DB (1-drift, 2-bias, 3-weird, 4-wrecked, 5-pressure, 6-adjustement issue)	Comment All drift mentions are SUSPICION 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, PI/DM response: N/A"
NEW													
AOML	1902268	Nathalie ZILBERMAN, Dean ROEMMICH, Sarah PURKEY, John GILSON	**2024/12/18**	**69**	2025/01/07	71	3	Argo	SBE61	5886	1	ASD ?	
AOML	3902156	GREGORY C. JOHNSON	**2024/12/04**	**205**	2024/12/23	207	3	Argo	SBE61	5724	3	Strange profiles	
AOML	5906094	GREGORY C. JOHNSON	**2024/12/27**	**206**	2025/01/07	207	3	Argo PMEL	SBE41CP	11174	1	ASD ?	
AOML	5906675	GREGORY C. JOHNSON	**2024/12/22**	**119**			3	Argo GO-BGC, UW	SBE41CP	13765	1	ASD ?	
AOML	5906870	GREGORY C. JOHNSON	**2024/12/11**	**6**	2024/12/30	8	4	Argo	SBE41CP	09938	3	Strange profiles	
AOML	5907054	STEPHEN RISER/KEN JOHNSON	**2024/12/15**	**29**	2025/01/05	31	4	Argo	SBE41CP	17194	3	Strange profiles	
AOML	7902051	STEPHEN RISER	**2024/12/25**	**1**	2025/01/04	2	3	US-Argo	SBE41CP	18963	1	Drift	
AOML	7902137	STEPHEN RISER/KEN JOHNSON	**2024/11/29**	**1**	2024/12/30	4	3	US-Argo	SBE41CP	18345	3	Strange first cycles	
AOML	7902139	STEPHEN RISER/KEN JOHNSON	**2025/01/04**	**1**			3	US-Argo	SBE41CP	18995	2	Bias from beginning ?	
CORIOLIS	3901644	Birgit KLEIN	**2024/07/24**	**204**	2024/12/22	219	3	Argo BSH	SBE41CP_V7.2.5	9309	1	Drift	
CORIOLIS	3901683	Birgit KLEIN	**2024/12/09**	**218**			3	Argo BSH	SBE41CP_V7.2.5	11143	1	Slight Drift	
CORIOLIS	3901947	Andreas Sterl	**2024/12/28**	**252**			3	ARGO MOCCA	SBE41CP_V7.2.5	8516	1	Drift ?	
CORIOLIS	3901960	Romain CANCOUET	**2025/01/05**	**255**			3	ARGO MOCCA	SBE41CP_V7.2.5	8576	1	Drift, ASD ?	
CORIOLIS	5907066	Birgit KLEIN	**2024/12/17**	**1**			3	Argo BSH	SBE41CP	19842	1	First cycle, drift ?	
CORIOLIS	6903563	Kjell Arne MORK	**2024/12/06**	**204**	2024/12/26	206	3	Argo NORWAY	SBE41CP_V7.2.5	10958	1	Drift ? Arctic area	
CORIOLIS	7900521	Birgit KLEIN	**2024/12/15**	**205**			3	Argo BSH	SBE41CP	11684	1	Drift	
CSIRO	5905214	Peter OKE	**2025/01/01**	**261**			3	Argo AUSTRALIA	SBE41CP_V7.2.5	9468	1	Drift	
CSIRO	5905580	Peter OKE	**2025/01/07**	**6**			3	Argo AUSTRALIA	SBE41CP_V7.2.5	19117	1	Drift, ASD ?	
INCOIS	6990617	M Ravichandran	**2024/12/04**	**33**	2025/01/03	36	3	Indian Argo	SBE41CP	19335	1	Drift-ASD	
MEDS	4902444	Blair Greenan	**2024/12/05**	**211**	2024/12/15	212	3	Argo CANADA	SBE41CP	41CP-10473	1	Slight drift	
MEDS	4902447	Blair Greenan	**2025/01/04**	**238**			3	Argo CANADA	SBE41CP	41CP-10476	1	Slight drift	
PREVIOUS REPORTS		[in last 2 months]											
AOML	1902196	GREGORY C.JOHNSON	**2024/09/23**	**229**	2024/12/12	237	3	Argo PMEL	SBE41CP	09842	1	Bad profiles, drift	
AOML	2903465	STEPHEN RISER/KEN JOHNSON	**2024/08/03**	**43**	2024/12/12	56	3	Argo US, GO-BGC	SBE41CP	17682	1	Slight drift ?	
AOML	3901290	GREGORY C. JOHNSON	**2023/12/05**	**255**	2024/10/30	288	3	Argo PMEL	SBE41CP	08558	1	Drift	
AOML	3901304	GREGORY C. JOHNSON	**2023/10/05**	**190**	2024/12/21	234	3	Argo PMEL	SBE41CP	09960	1	Drift	PSAL,3,197,N/A
AOML	3902150	GREGORY C. JOHNSON	**2022/09/21**	**134**	2024/12/24	218	3	Argo PMEL	SBE61	5716	1	Drift, PSAL QC3 but PSAL_ADJUSTED (in deep levels) seems ok	PSAL,3,134,N/A
AOML	4902929	GREGORY C.JOHNSON	**2024/08/17**	**280**	2025/01/07	294	3	Argo PMEL	SBE41CP	08801	1	Slight drift	
AOML	4903195	GREGORY C. JOHNSON	**2023/06/10**	**155**	2024/12/25	211	3	Argo PMEL	SBE41CP	11158	1	Drift	PSAL,3,155,N/A
AOML	4903200	GREGORY C.JOHNSON	**2023/11/07**	**170**	2024/10/12	204	3 & 4	Argo PMEL	SBE41CP	11073	1	Drift	PSAL,3,170,N/A
AOML	4903205	GREGORY C.JOHNSON	**2024/04/22**	**180**	2024/11/28	202	3	Argo PMEL	SBE41CP	11195	1	Drift	
AOML	4903206	GREGORY C. JOHNSON	**2023/11/12**	**167**	2024/12/06	206	3	ArgoPMEL	SBE41CP	11150	1	Drift, ASD ?	
AOML	4903207	GREGORY C.JOHNSON	**2024/04/30**	**181**	2024/12/30	205	3	Argo PMEL	SBE41CP	11200	1	ASD ?	
AOML	5905316	GREGORY C. JOHNSON	**2021/07/26**	**108**	2024/12/31	233	3	Argo	SBE41CP	09938	1	Drift : PSAL ok but PSAL_ADJUSTED not good for first warning cycles, bad adjustment	
AOML	5905668	GREGORY C. JOHNSON	**2023/08/17**	**183**	2025/01/03	233	3	Argo PMEL	SBE41CP	09940	1	Drift, ASD	PSAL,3,183,N/A
AOML	5906087	GREGORY C.JOHNSON	**2024/05/18**	**141**	2025/01/07	164	3	Argo PMEL	SBE41CP	11136	1	Jump, ASD ?	
AOML	5906154	GREGORY C.JOHNSON	**2023/11/09**	**163**	2025/01/02	205	3	Argo PMEL	SBE41CP	11115	1	Drift	
AOML	5906246	STEPHEN RISER/KEN JOHNSON	**2024/03/13**	**141**	2025/01/05	171	3	Argo UW-SOCCOM	SBE41CP	11763	3	Strange profiles	
AOML	5906273	STEPHEN RISER	**2024/06/03**	**140**	2024/12/29	161	3	Argo UW	SBE41CP	10190	1	Drift	
AOML	5906526	STEPHEN RISER/KEN JOHNSON	**2024/08/27**	**82**	2024/10/28	88	3	Argo UW-SOCCOM	SBE41CP	13781	1	Bad adjustement on PSAL_ADJUSTED	
AOML	5906847	GREGORY C. JOHNSON	**2024/01/14**	**0**	2025/01/06	46	3	Argo PMEL	SBE41CP	19476	1	Drift	
AOML	7902004	STEPHEN RISER	**2024/09/19**	**8**	2024/12/31	18	3	Argo UW	RBR_ARGO3	212804	1	Slight drift	
AOML	7902010	STEPHEN RISER	**2024/08/22**	**5**	2025/01/03	18	3	US ARGO PROJECT	RBR_ARGO3	212796	1	Slight drift ?	
AOML	7902121	STEPHEN RISER/KEN JOHNSON	**2024/10/17**	**1**	2024/11/17	4	3	GO-BGC	SBE41CP	18688	2	Bias from beginning ?	
AOML	7902136	STEPHEN RISER/KEN JOHNSON	**2024/11/14**	**1**	2024/12/15	4	3	Argo US, GO-BGC	SBE41CP	18950	1	Slight drift	
BODC	1901897	Jon Turton	**2024/10/23**	**235**			3	Argo UK	SBE41_V3	5023	1	Slight drift ?	
CORIOLIS	6902878	Sabrina SPEICH	**2024/11/17**	**242**	2024/12/16	245	3	CORIOLIS	SBE41CP_V7.2.5	9500	1	Slight drift	
CORIOLIS	6903563	Kjell Arne MORK	**2024/11/27**	**203**			3	Argo NORWAY	SBE41CP_V7.2.5	10958	1	Drift with jump ?	
INCOIS	2902184	M Ravichandran	**2023/03/05**	**270**	2024/12/24	336	3	Argo INDIA	SBE41CP	6674	1	Slight drift : this looks like bad data rather than a start of drift. I will check the next cycle when it comes in. I have set cycle 31 to QC=4 for PSAL.	
INCOIS	2902185	M Ravichandran	**2020/12/29**	**190**	2025/01/07	337	3	Indian Argo	SBE41CP	6670	1	drift	
INCOIS	2902203	M Ravichandran	**2024/06/04**	**302**	2024/10/12	315	3 & 4	Indian Argo	SBE41	7641	1	ASD ? In grey list but still going through the dataflow with QC1	
INCOIS	2902213	M Ravichandran	**2024/09/19**	**287**	2024/12/28	297	3	Indian Argo	SBE41	7638	1	slight drift	
INCOIS	2902222	M Ravichandran	**2020/06/09**	**161**	2024/12/20	290	3	Indian Argo	SBE41	6672	1	Drift	
INCOIS	5907083	M Ravichandran	**2023/09/19**	**1**	2025/01/01	48	3	Indian Argo	SBE41CP	19140	1	First cycle, drift comparing to behaviour profiles	
KORDI	3902470	Sung-Dae kim	**2022/10/13**	**1**	2024/12/31	82	3	Argo KIOST	SBE41CP	16477	2	Biais from beginning ?	
MEDS	4902445	Blair Greenan	**2022/12/23**	**165**	2024/10/17	230	3	Argo CANADA	SBE41CP	41CP-10474	1	Drift	
MEDS	4902595	Blair Greenan	**2022/10/21**	**19**	2025/01/05	98	3	Argo CANADA	SBE41CP	41CP-13209	1	Beginning of drift ?	
MEDS	4902657	Blair Greenan	**2024/04/30**	**2**	2024/12/30	27	4	Argo Canada	SBE41CP	41-18179	3	Bad profiles ?	
Floats on grey list since last month (from feedback and check of greylist index)													
AOML	2903142	SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS --> Grey List	**2024/12/16**	**76**			3	Argo	SBE41CP	16836	1	ASD ?	
AOML	5905714	Dean ROEMMICH --> Grey List	**2024/11/16**	**230**	2024/11/26	231	3	Argo SIO	SBE41CP	10623	1	Slight drift	

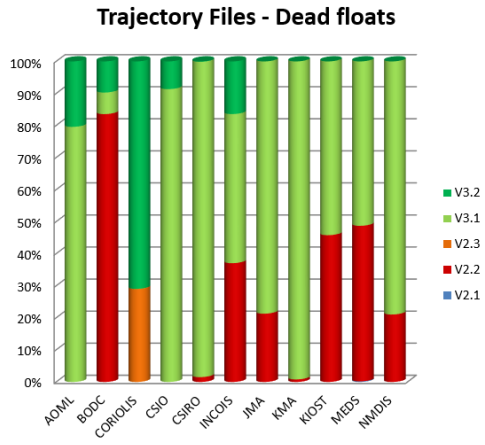
2. Statistics on floats and format version (End of December 2024)

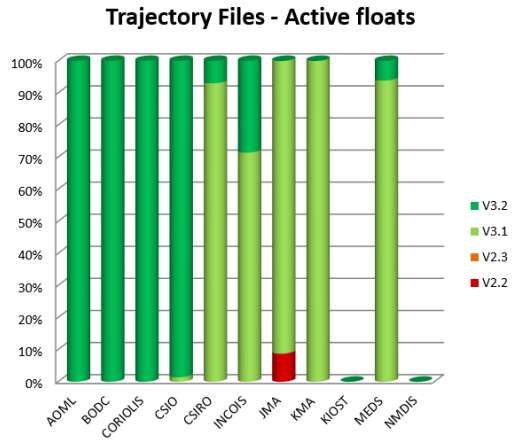
Plots showing format_version percentage, number of floats (*with profiles*), number of D and R files by DACs.

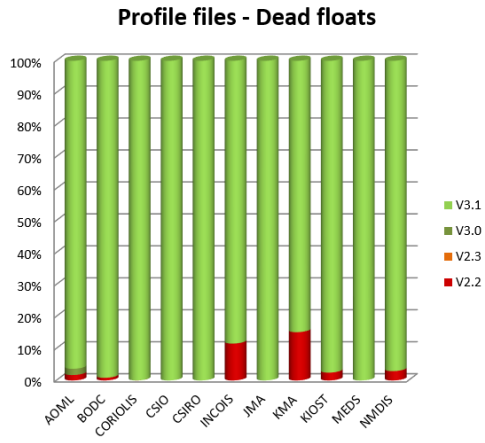


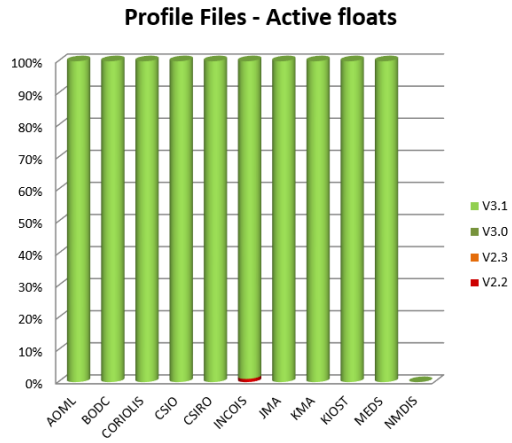
Plots showing format_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.



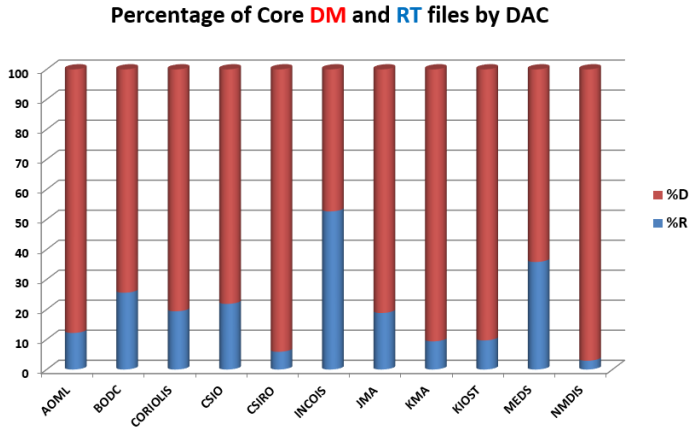








Delayed mode percentage by DAC

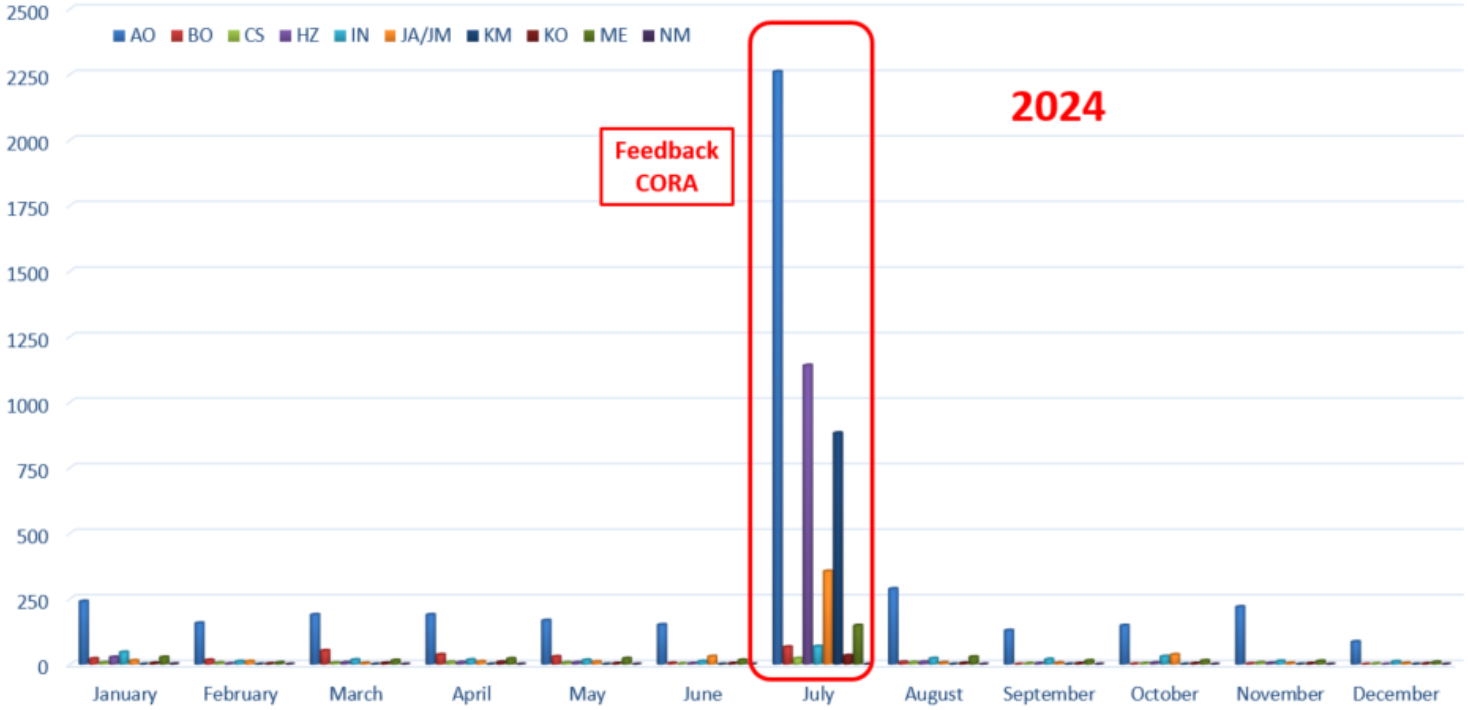


DACS	%R	%D
AOML	12,19	87,81
BODC	25,60	74,40
CORIOLIS	19,40	80,60
CSIO	21,86	78,14
CSIRO	5,90	94,10
INCOIS	52,67	47,33
JMA	18,84	81,16
KMA	9,38	90,62
KIOST	9,69	90,31
MEDS	35,83	64,17
NMDIS	2,93	97,07

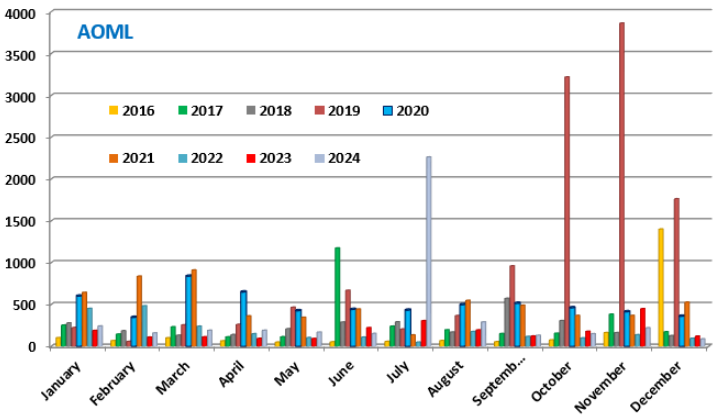
3. Statistics on Anomalies

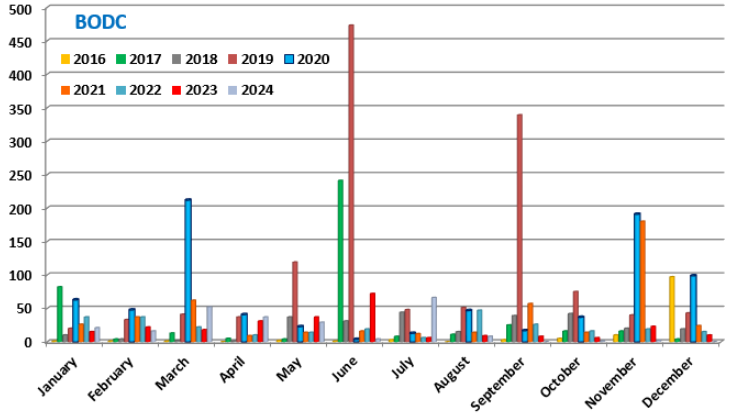
Plots showing evolution of number of anomalies by DAC.

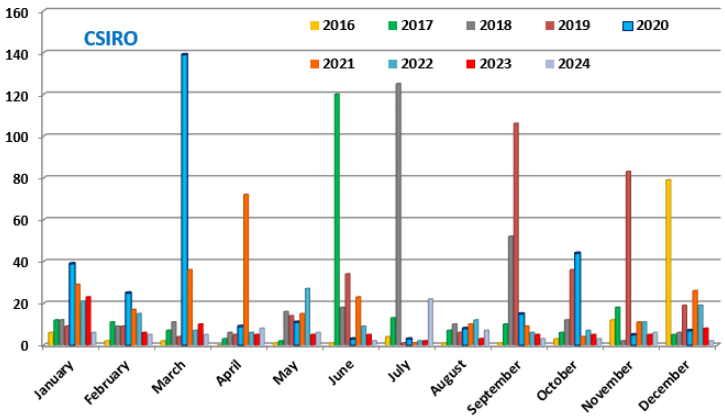
3.1. Year

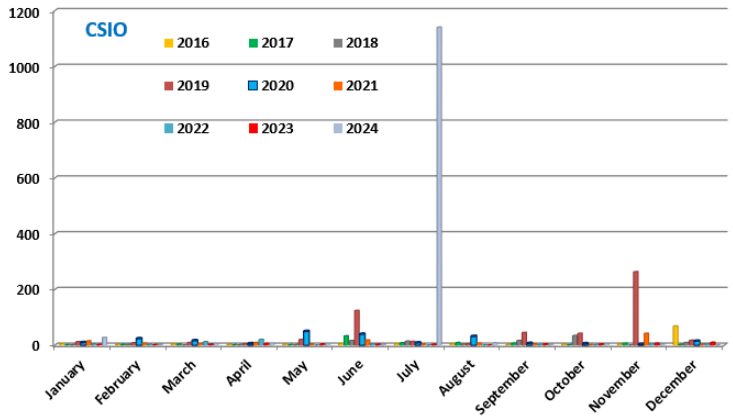

AO BO CS HZ IN JA/JM KM KO ME NM
2024
Feedback
CORA
January February March April May June July August September October November December

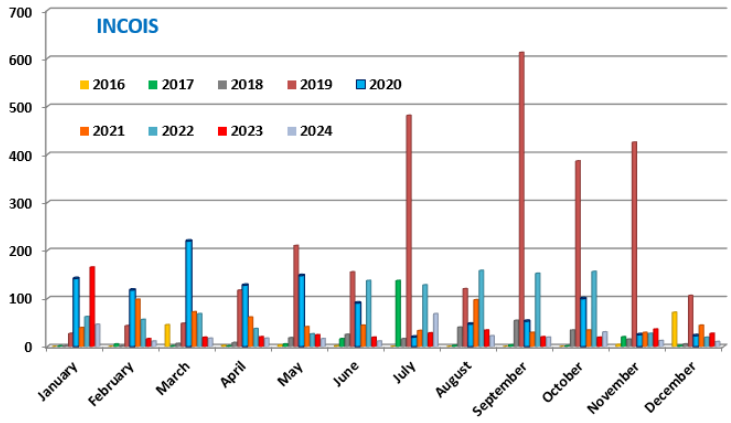
3.2. DAC

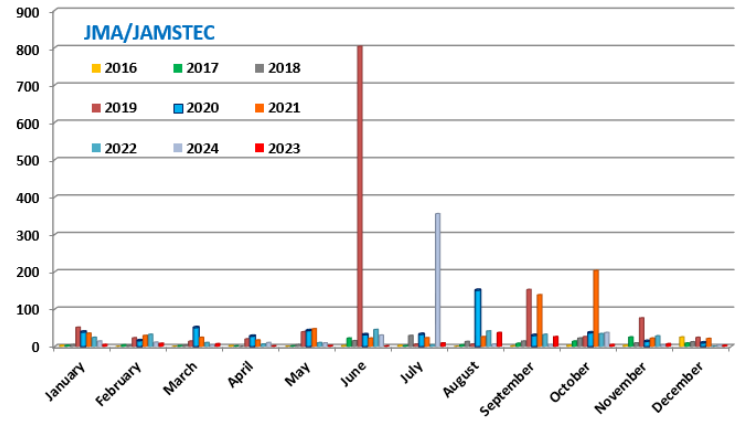

AOML
2016 2017 2018 2019 2020
2021 2022 2023 2024

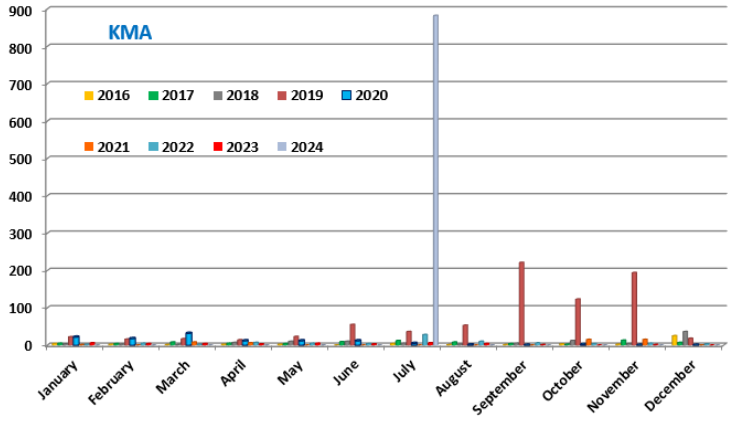

BODC
2016 2017 2018 2019 2020
2021 2022 2023 2024

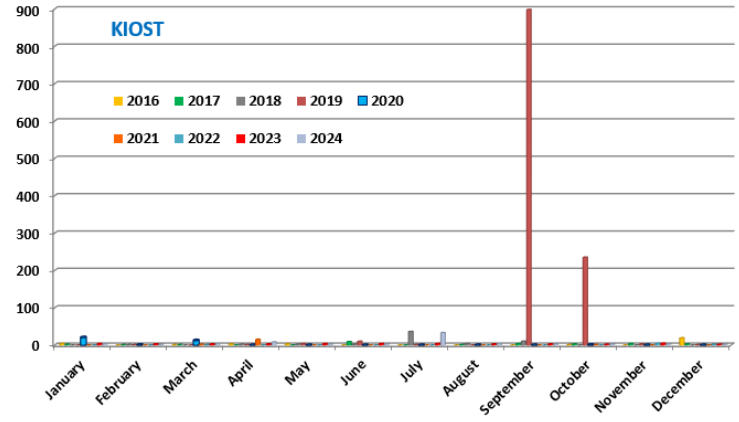

CSIRO
2016 2017 2018 2019 2020
2021 2022 2023 2024

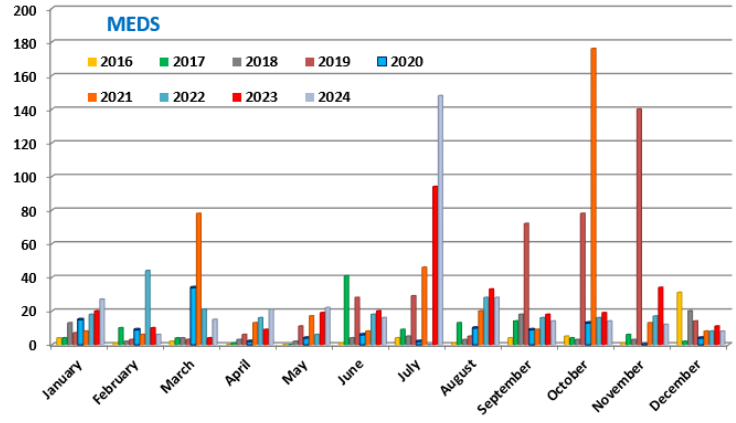

CSIO
2016 2017 2018
2019 2020 2021
2022 2023 2024

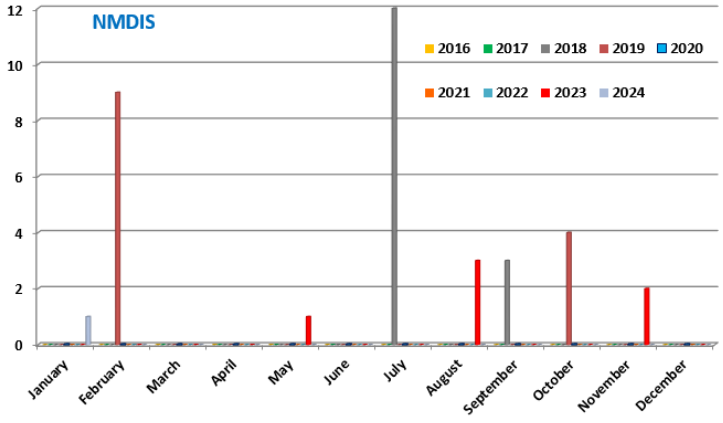

INCOIS
2016 2017 2018 2019 2020
2021 2022 2023 2024
0 100 200 300 400 500 600 700
January February March April May June July August September October November December


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

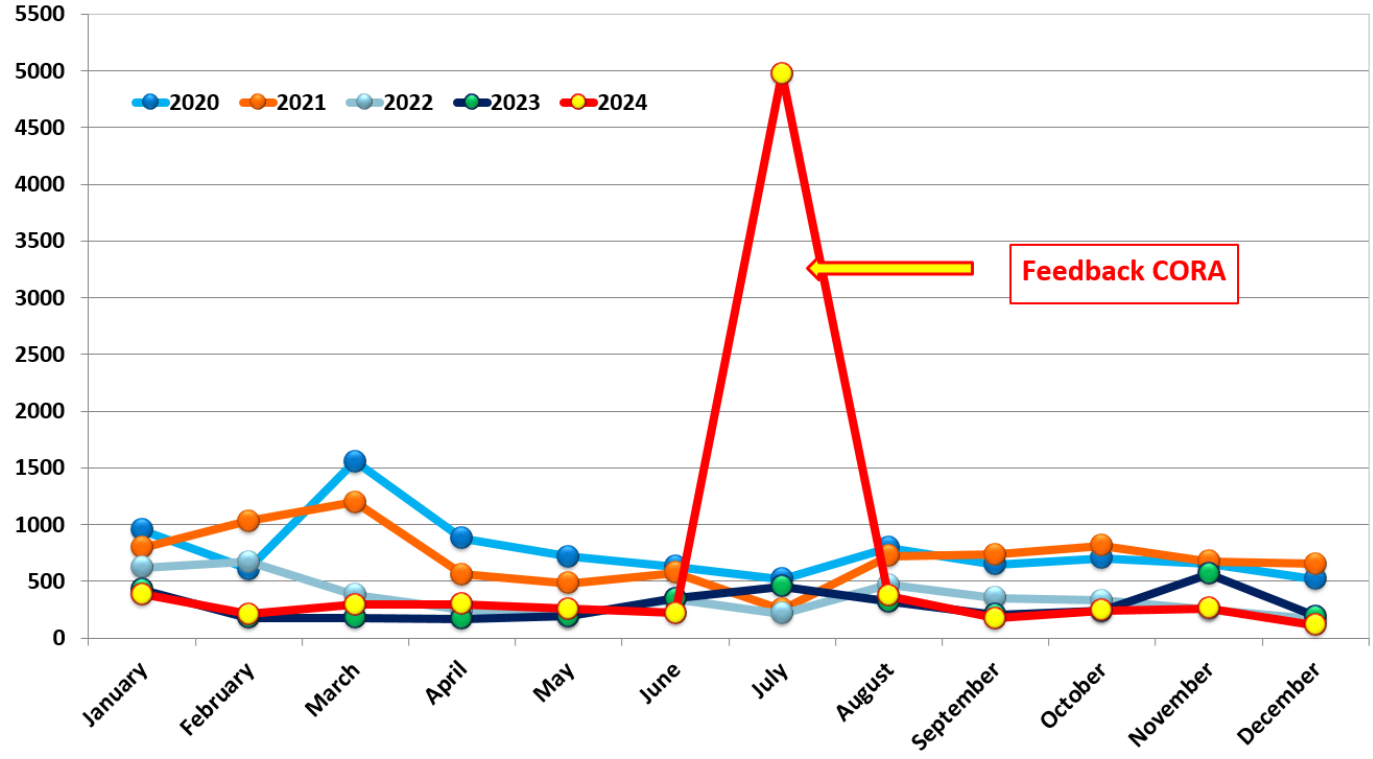

KMA
2016 2017 2018 2019 2020
2021 2022 2023 2024
0 100 200 300 400 500 600 700 800 900
January February March April May June July August September October November December


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


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


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

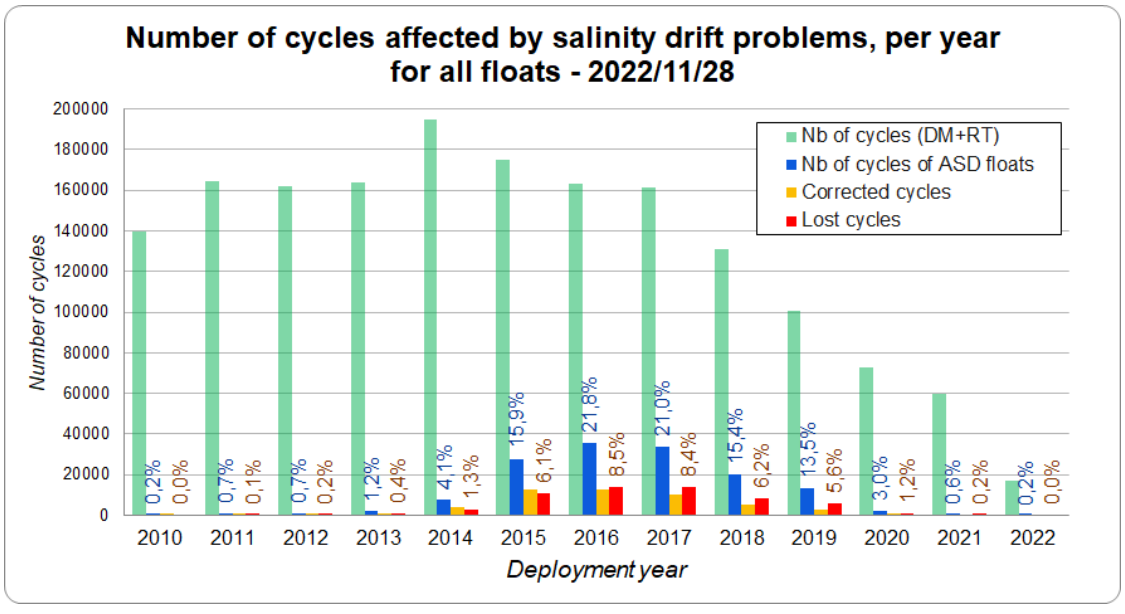
3.3. Anomalies by year, by month



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

Please have a look on the plot showing :

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



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

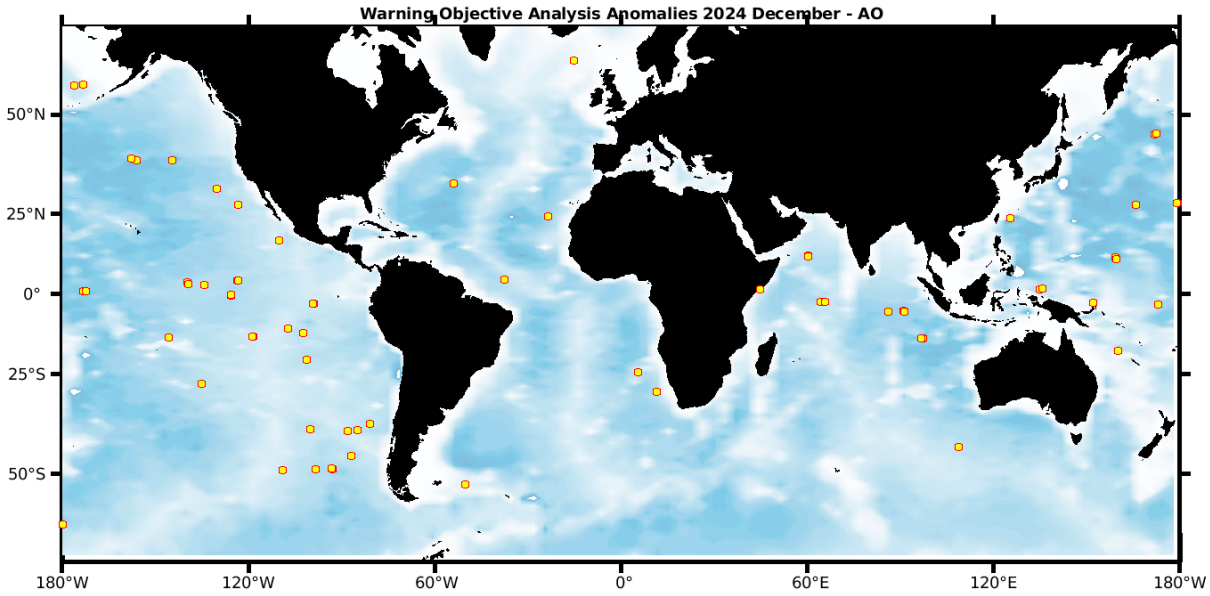
https://docs.google.com/spreadsheets/d/1TA7SAnTiUvCK7AyGtSTUq3gu9QFbVdONj9M9zAq8CJU/edit?pli=1#gid=0

5. DAC Anomalies

5.1. DAC AOML

Profiles detected by the objective analysis: 86 profiles (59 floats but floats can have several cycles with anomalies)

Data_mode =’R’	Data_mode =’A’	Data_mode =’D’
18 cycles	62 cycles	6 cycles



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

DM - Take care that some floats are shown with data mode D but the corrections can have been applied on R files before submission of the delayed mode. (see the csv messages on the ftp site for more information)
DM - Take care, some D files have a good correction on adjusted parameter (most of the time QC4 and Fill_Value) but in real time, QC1 is always kept instead of QC3 or 4

Files data_mode=’R’ / ‘A’

Float : 31810 - Cycle : 32 - PI : BOB MOLINARI - Data mode : R - Platform type : PALACE - WMO inst type : 845 - FLOAT SERIAL : 20 - Date : 1998 7 8
Float : 1900830 - Cycle : 111 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4200 - Date : 2010 7 24
Float : 1901514 - Cycle : 206 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4466 - Date : 2016 11 2
Float : 1901514 - Cycle : 218 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4466 - Date : 2017 3 11
Float : 1901514 - Cycle : 242 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4466 - Date : 2017 11 24
Float : 1901514 - Cycle : 255 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4466 - Date : 2018 4 13
Float : 1902196 - Cycle : 236 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0854 - Date : 2024 12 2
Float : 1902196 - Cycle : 237 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0854 - Date : 2024 12 12
Float : 1902208 - Cycle : 249 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7474 - Date : 2024 11 21
Float : 2900387 - Cycle : 99 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2719 - Date : 2007 7 12
Float : 2903142 - Cycle : 75 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7748 - Date : 2024 12 6
Float : 2903142 - Cycle : 76 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7748 - Date : 2024 12 16
Float : 2903441 - Cycle : 1 - PI : NICHOLSON, WIJFFELS - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1573 - Date : 2024 10 25
Float : 2903465 - Cycle : 56 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1473 - Date : 2024 12 12
Float : 3901228 - Cycle : 338 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7295 - Date : 2024 9 6
Float : 3901290 - Cycle : 288 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0725 - Date : 2024 10 30
Float : 3901304 - Cycle : 232 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0871 - Date : 2024 12 1
Float : 3901304 - Cycle : 233 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0871 - Date : 2024 12 11
Float : 3901472 - Cycle : 263 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8583 - Date : 2024 12 7
Float : 3901479 - Cycle : 263 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8590 - Date : 2024 12 12
Float : 3902150 - Cycle : 216 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO_D_MRV - WMO inst type : 874 - FLOAT SERIAL : 12015 - Date : 2024 12 4
Float : 3902156 - Cycle : 205 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO_D_MRV - WMO inst type : 874 - FLOAT SERIAL : 12021 - Date : 2024 12 4
Float : 3902204 - Cycle : 761 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO_D_MRV - WMO inst type : 874 - FLOAT SERIAL : 12033 - Date : 2024 12 5
Float : 3902286 - Cycle : 76 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3144 - Date : 2024 11 29
Float : 4902929 - Cycle : 291 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0757 - Date : 2024 12 7
Float : 4902929 - Cycle : 292 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0757 - Date : 2024 12 18
Float : 4903009 - Cycle : 251 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8641 - Date : 2024 12 11
Float : 4903195 - Cycle : 209 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1001 - Date : 2024 12 4
Float : 4903195 - Cycle : 210 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1001 - Date : 2024 12 14
Float : 4903205 - Cycle : 202 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1026 - Date : 2024 11 28
Float : 4903206 - Cycle : 206 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1027 - Date : 2024 12 6

Float : 4903206 - Cycle : 207 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1027 - Date : 2024 12 16
Float : 4903207 - Cycle : 202 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1028 - Date : 2024 11 29
Float : 4903207 - Cycle : 203 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1028 - Date : 2024 12 9
Float : 4903260 - Cycle : 188 - PI : WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7585 - Date : 2024 12 1
Float : 4903357 - Cycle : 134 - PI : WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7628 - Date : 2024 12 3
Float : 4903754 - Cycle : 21 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9805 - Date : 2024 12 5
Float : 4903754 - Cycle : 22 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9805 - Date : 2024 12 15
Float : 5903464 - Cycle : 273 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4668 - Date : 2018 10 23
Float : 5903464 - Cycle : 281 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4668 - Date : 2019 1 17
Float : 5903464 - Cycle : 285 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4668 - Date : 2019 3 1
Float : 5903464 - Cycle : 301 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4668 - Date : 2019 8 20
Float : 5903464 - Cycle : 305 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4668 - Date : 2019 10 2
Float : 5905297 - Cycle : 229 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0771 - Date : 2024 12 16
Float : 5905314 - Cycle : 231 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0862 - Date : 2024 11 29
Float : 5905316 - Cycle : 230 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0864 - Date : 2024 11 30
Float : 5905316 - Cycle : 231 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0864 - Date : 2024 12 11
Float : 5905668 - Cycle : 231 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0866 - Date : 2024 12 12
Float : 5906087 - Cycle : 161 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0992 - Date : 2024 12 7
Float : 5906087 - Cycle : 162 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0992 - Date : 2024 12 17
Float : 5906154 - Cycle : 202 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1018 - Date : 2024 12 3
Float : 5906154 - Cycle : 203 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1018 - Date : 2024 12 13
Float : 5906246 - Cycle : 169 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8825 - Date : 2024 12 16
Float : 5906273 - Cycle : 158 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8366 - Date : 2024 11 29
Float : 5906273 - Cycle : 159 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8366 - Date : 2024 12 9
Float : 5906408 - Cycle : 148 - PI : PHIL SUTTON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8909 - Date : 2024 12 11
Float : 5906746 - Cycle : 255 - PI : NATHALIE ZILBERMAN, DEAN ROEMMICH, SARAH PURKEY, JOHN GILSON - Data mode : A - Platform type : SOLO_D - WMO inst type : 862 - FLOAT SERIAL : 6084 - Date : 2024 6 2
Float : 5906746 - Cycle : 258 - PI : NATHALIE ZILBERMAN, DEAN ROEMMICH, SARAH PURKEY, JOHN GILSON - Data mode : A - Platform type : SOLO_D - WMO inst type : 862 - FLOAT SERIAL : 6084 - Date : 2024 6 4
Float : 5906778 - Cycle : 79 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3129 - Date : 2024 12 17
Float : 5906802 - Cycle : 91 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1436 - Date : 2024 12 4
Float : 5906847 - Cycle : 42 - PI : GREGORY C. JOHNSON - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7860 - Date : 2024 11 29
Float : 5906847 - Cycle : 43 - PI : GREGORY C. JOHNSON - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7860 - Date : 2024 12 8
Float : 5906870 - Cycle : 6 - PI : GREGORY C. JOHNSON - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7962 - Date : 2024 12 11
Float : 5906918 - Cycle : 50 - PI : NATHALIE ZILBERMAN, DEAN ROEMMICH, SARAH PURKEY, JOHN GILSON - Data mode : A - Platform type : SOLO_D - WMO inst type : 862 - FLOAT SERIAL : 6095 - Date : 2024 2 10
Float : 5906924 - Cycle : 64 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3194 - Date : 2024 12 18
Float : 5907038 - Cycle : 0 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3289 - Date : 2024 11 28
Float : 5907044 - Cycle : 0 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3294 - Date : 2024 12 3
Float : 5907045 - Cycle : 0 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3295 - Date : 2024 12 4
Float : 5907054 - Cycle : 29 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9495 - Date : 2024 12 15
Float : 7900842 - Cycle : 71 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9226 - Date : 2024 12 7
Float : 7900842 - Cycle : 72 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9226 - Date : 2024 12 17
Float : 7900845 - Cycle : 69 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9231 - Date : 2024 11 22
Float : 7902004 - Cycle : 16 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10027 - Date : 2024 12 10
Float : 7902009 - Cycle : 16 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10022 - Date : 2024 12 13
Float : 7902010 - Cycle : 16 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10000 - Date : 2024 12 13
Float : 7902032 - Cycle : 2 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10263 - Date : 2024 12 7
Float : 7902136 - Cycle : 3 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1465 - Date : 2024 12 5
Float : 7902136 - Cycle : 4 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1465 - Date : 2024 12 15
Float : 7902137 - Cycle : 1 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9544 - Date : 2024 11 29
Float : 7902137 - Cycle : 2 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9544 - Date : 2024 12 10

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 : 2903465 - Cycle : 55 - PI : STEPHEN RISER, KENNETH JOHNSON - Data mode : D - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1473 - Date : 2024 12 1
Float : 3902150 - Cycle : 215 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : SOLO_D_MRV - WMO inst type : 874 - FLOAT SERIAL : 12015 - Date : 2024 11 24
Float : 5905668 - Cycle : 230 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0866 - Date : 2024 12 2
Float : 7902004 - Cycle : 15 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10027 - Date : 2024 11 30
Float : 7902010 - Cycle : 14 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10000 - Date : 2024 11 23
Float : 7902010 - Cycle : 15 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10000 - Date : 2024 12 3

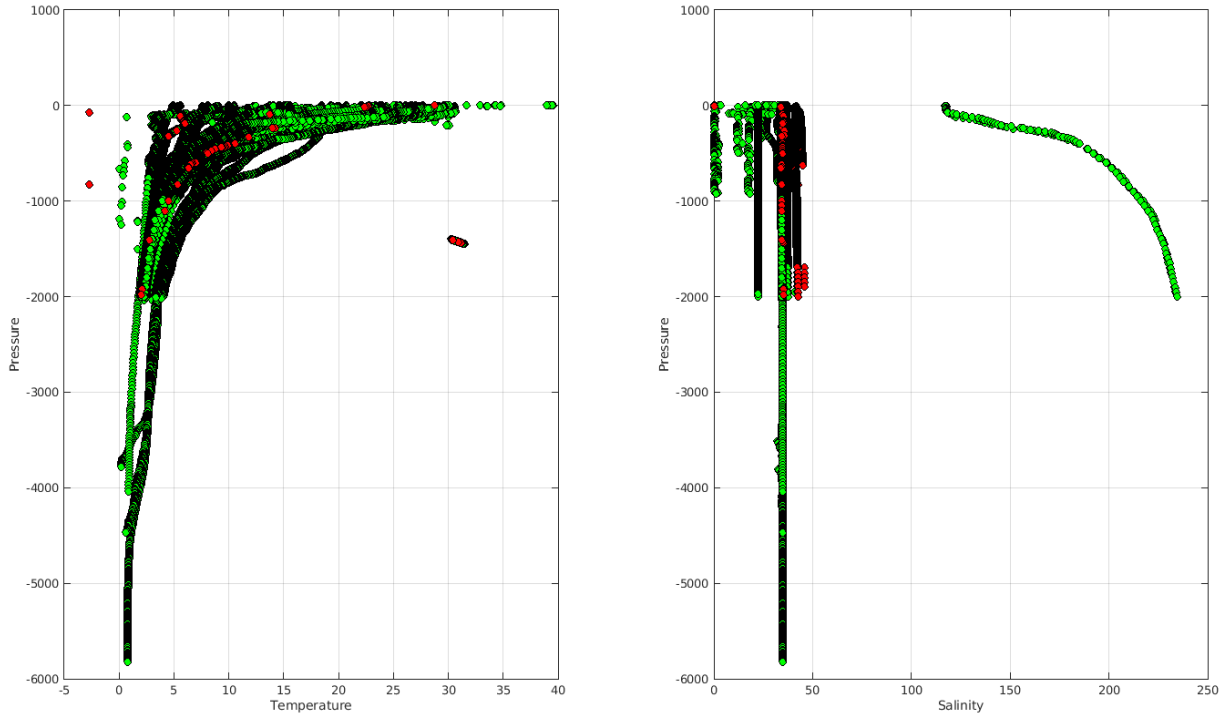
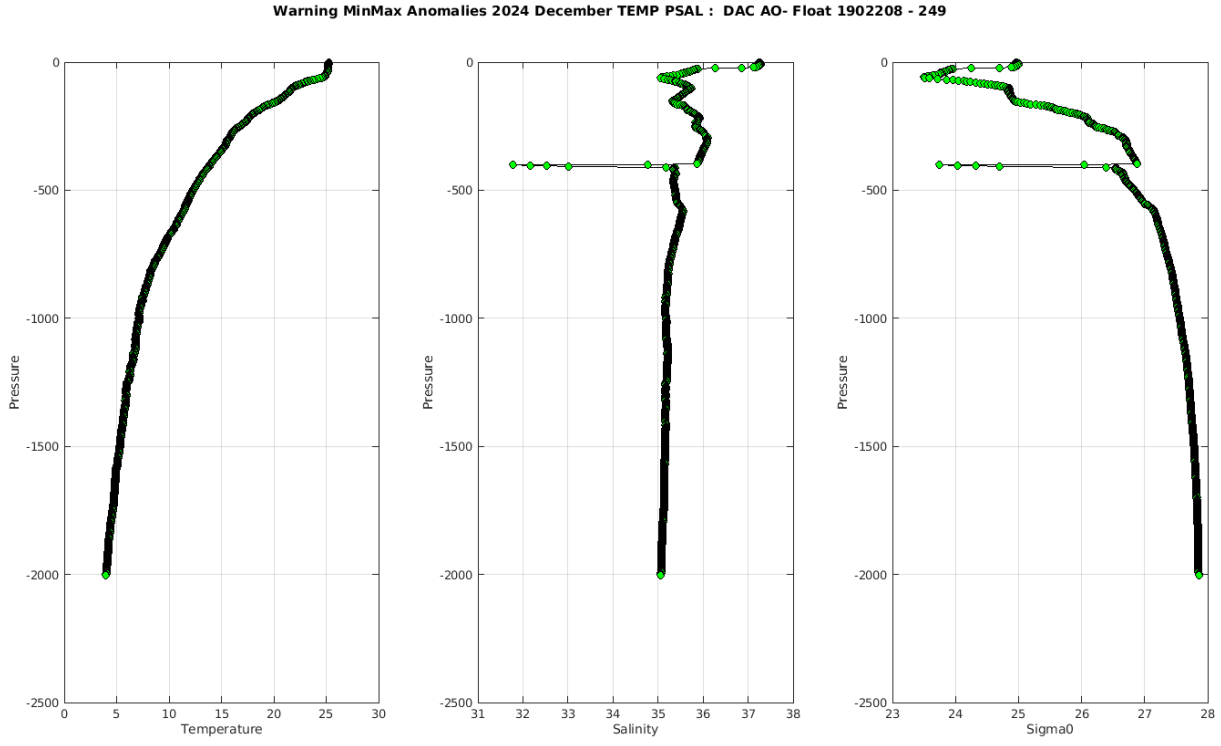


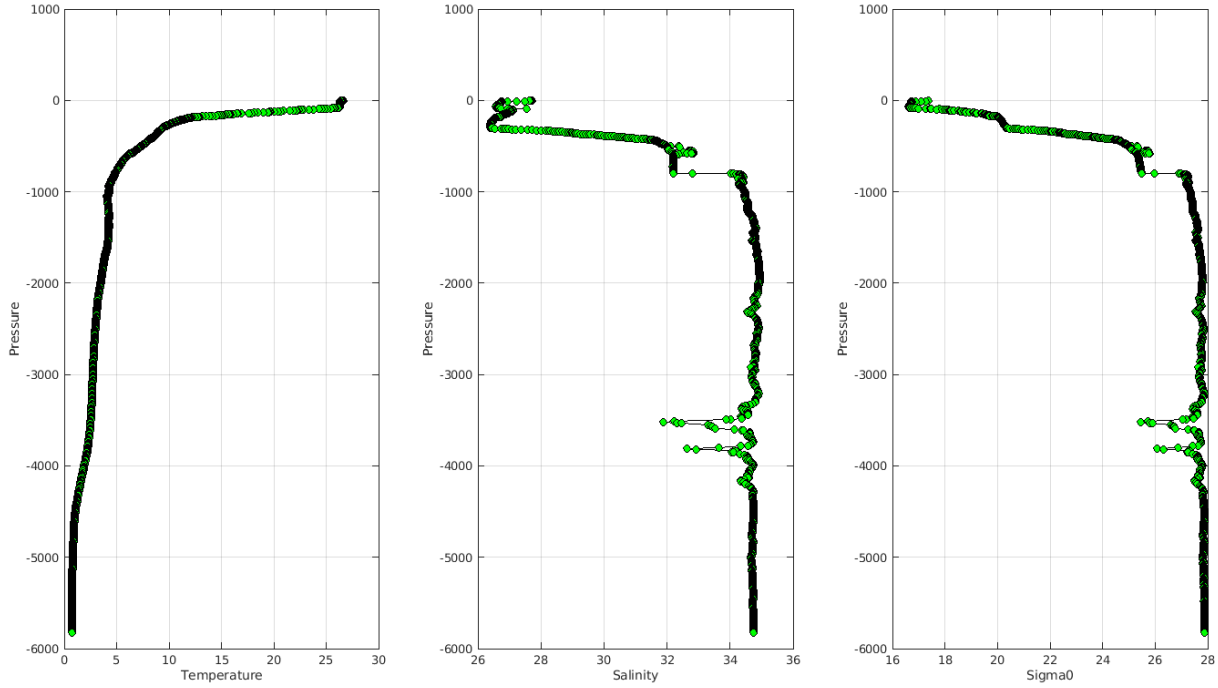
Figure : All profiles

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

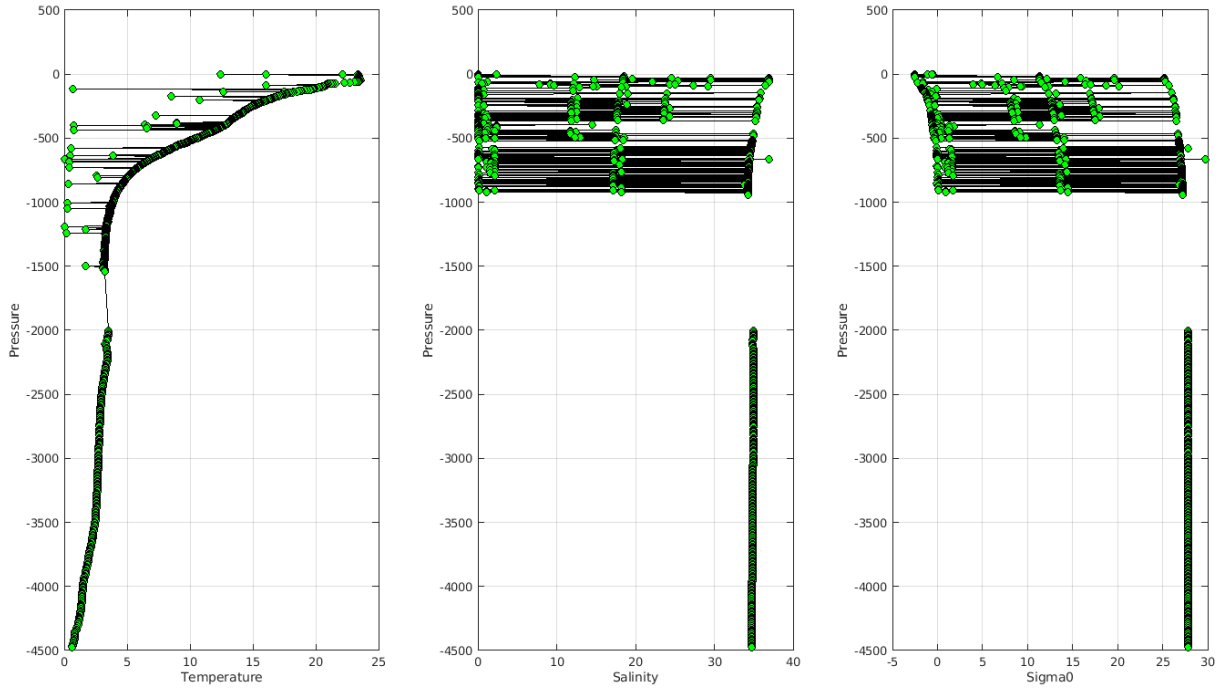
Example of anomalies:

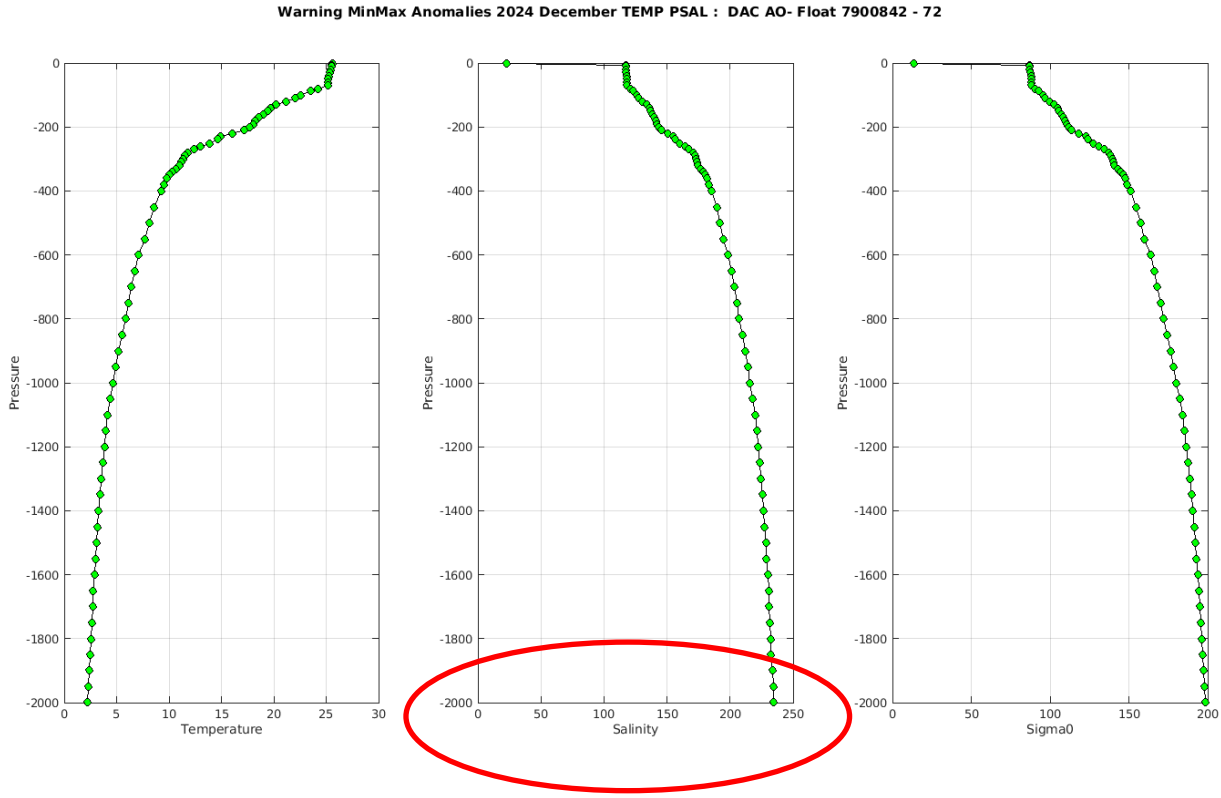


Warning MinMax Anomalies 2024 December TEMP PSAL : DAC AO- Float 3902150 - 216



Warning MinMax Anomalies 2024 December TEMP PSAL : DAC AO- Float 3902204 - 761





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

- Error on practical salinity adjusted error :

PI_name = GREGORY C. JOHNSON - **Float 4900812 cycle 9** strange values on PSAL_ADJUSTED_ERROR

PSAL_ADJUSTED_ERROR =
957109.750, 958123.688, 980430.125, 1007920.750, 1010353.875, 1017708.312, 1023617.375, 1025777.875, 1028215.812, 1027735.562, 1027554.250, …..

PI_name = GREGORY C. JOHNSON - **Float 4903172 cycle 7 to cycle 46**

For instance cycle 7 PSAL_ADJUSTED_ERROR = 1266694.875, 1266783.750, 1266694.625, 1266685.500, 1266678.875, ….

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

For instance cycle 92 PSAL_ADJUSTED_ERROR = 2011706.750, 2010896.625, 2012649.000, 2023217.000,

5.2. DAC BODC

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

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

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

Files data_mode='R' / 'A'

Files data_mode='D'

The list of the anomalies can be found at https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/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
D6901129_225.nc
D6901129_226.nc
R6901129_209.nc
R6901129_210.nc
R6901129_211.nc
R6901129_220.nc
R6901129_221.nc
R6901129_222.nc
R6901129_223.nc
R6901129_224.nc
```

```
PRES =
  823.8,    nan,    nan,    nan,    nan,    nan,    nan,    nan,
    nan,    nan,    nan,    nan,    nan,    nan,    nan,    nan,
    nan,    nan,    nan,    nan,    nan,    nan,    nan,    nan,
    nan,    nan,    nan,    nan,    nan,    nan,    nan,    nan,
    nan,    nan,    nan,    nan,    nan,    nan,    nan,    nan,
    nan,    nan,    nan,    nan,    nan,    nan,    nan,    nan,
    nan,    nan,    nan,    nan,    nan,    nan,    nan,    nan,
    nan,    nan,    nan,    nan,    nan,    nan,    nan,    nan,
    nan,    nan,    nan,    nan,    nan,    nan,    nan,    nan,
    nan,    nan,    nan,    nan,    nan,    nan,    nan,    nan,
    nan,    nan,    nan,    nan,    nan,    nan,    nan,    nan,
    nan,    nan,    nan,    nan,    nan,    nan,    nan,    nan,
    nan,    nan,    nan,    nan,    nan,    nan,    nan,    nan,
    nan,    nan,    nan,    nan,    nan,    nan,    nan,    nan,
```

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

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

…..

5.3. DAC CSIO

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

Data_mode =’R’	Data_mode =’A’	Data_mode =’D’
0 cycle	0 cycle	0 cycle

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

Files data_mode=’R’ / ‘A’

Files data_mode=’D’

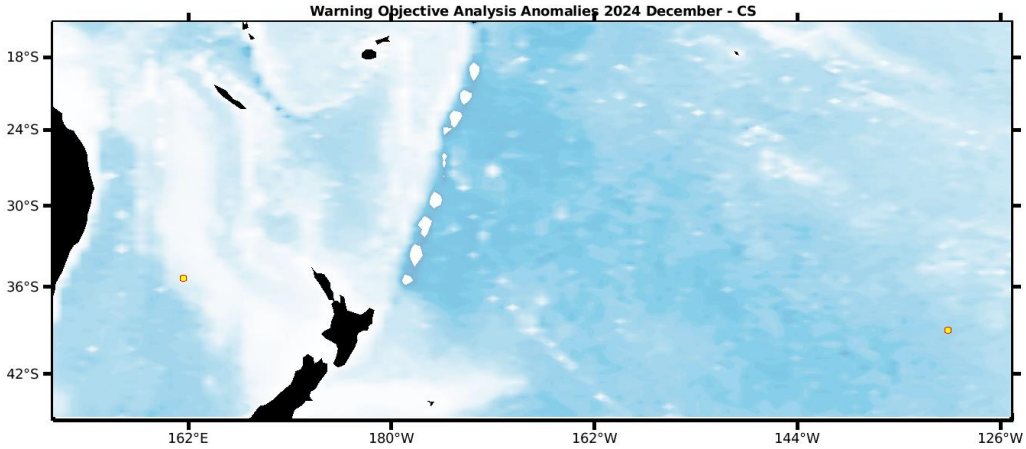
The list of the anomalies can be found at https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/csio/

Example of anomalies:

5.4. DAC CSIRO

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

Data_mode =’R’	Data_mode =’A’	Data_mode =’D’
0 cycle	0 cycles	0 cycle



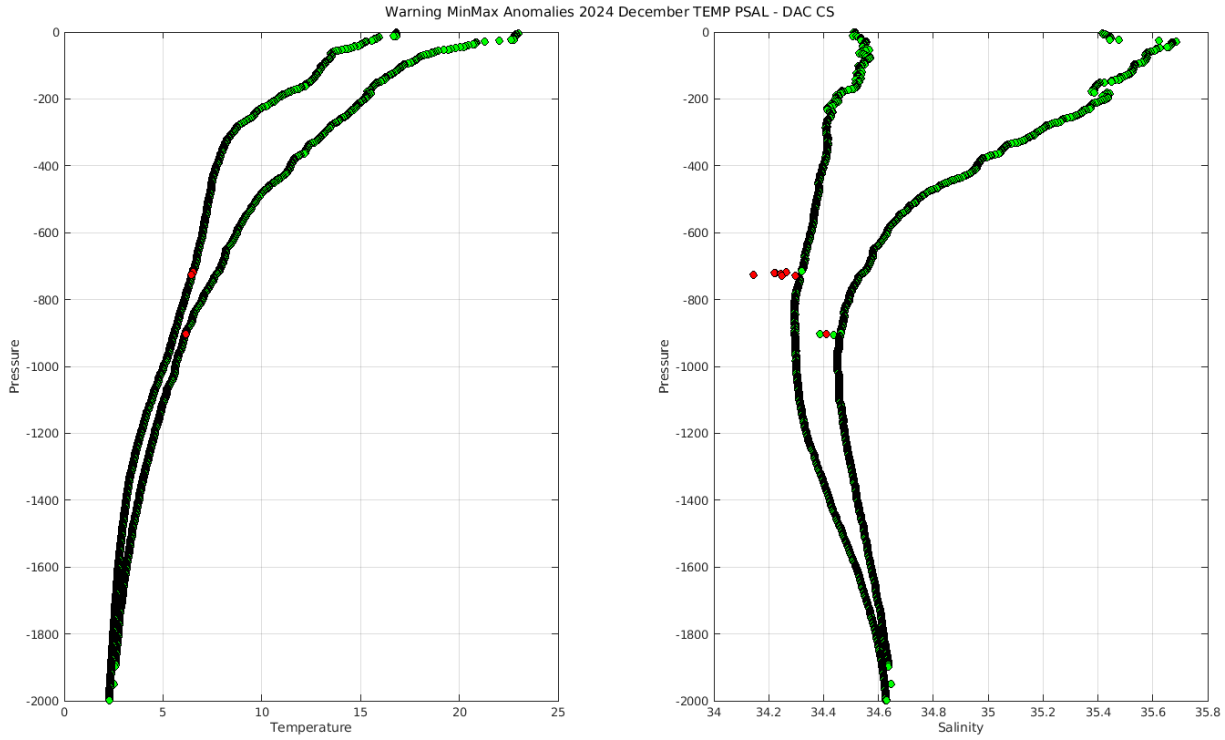
Status of corrections: Corrections done or in progress, regular feedback.

Files data_mode=’R’ / ‘A’

Float : 5905439 - Cycle : 193 - PI : Peter Oke - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1056 - Date : 2024 12 14

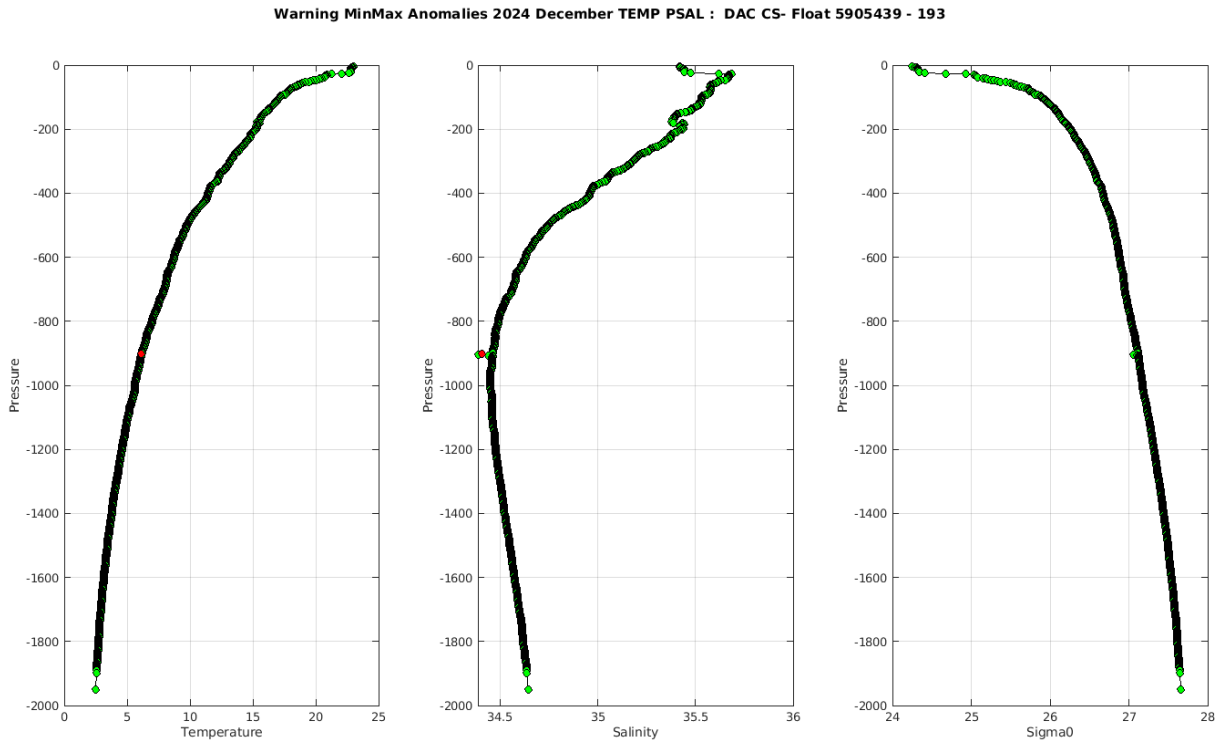
Float : 5905530 - Cycle : 76 - PI : Peter Oke - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-22AU002 - Date : 2024 12 11

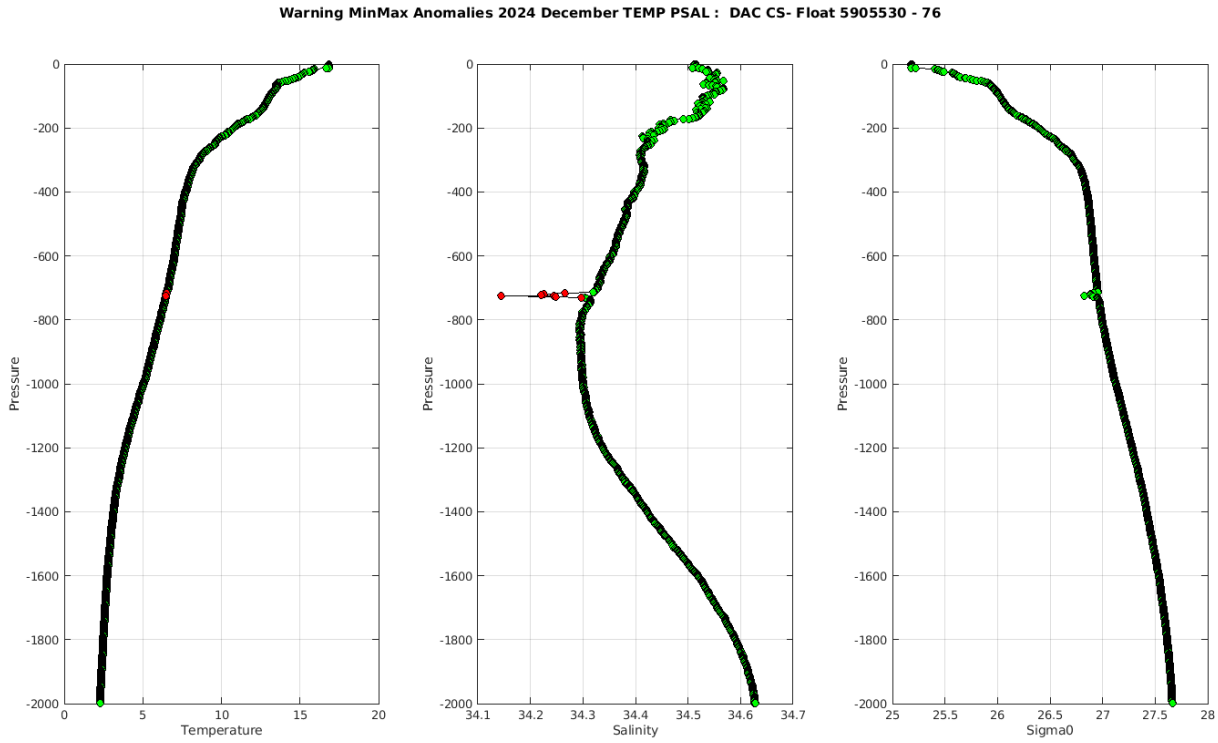
Files data_mode=’D’



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

Example of anomalies:

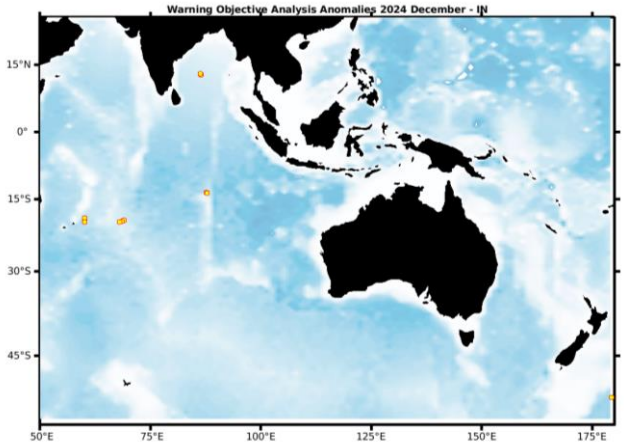




5.5. DAC INCOIS

Profiles detected by the objective analysis: 10 profiles (5 floats but floats can have several cycles with anomalies)

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

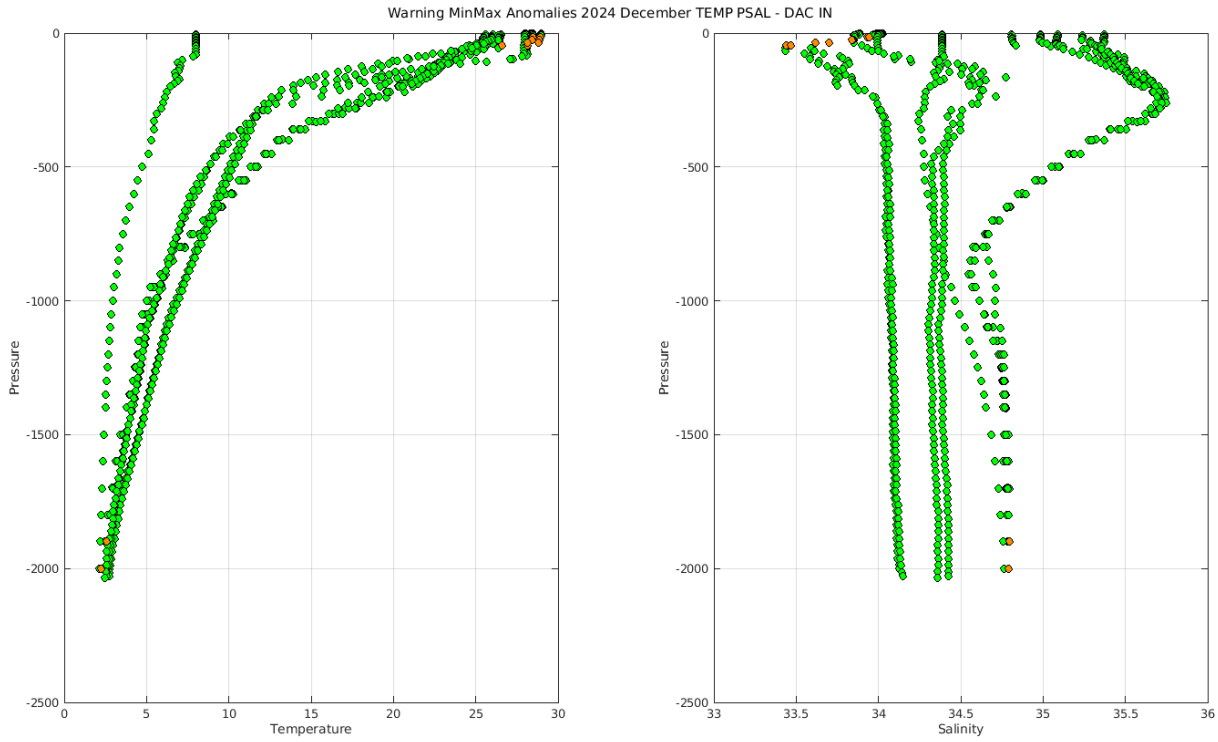


Status of corrections: Corrections done or in progress, some feedbacks. (A re-decoding for a certain type of floats handled at Coriolis may explain the large number of anomalies).

Files data_mode=’R’/’A’

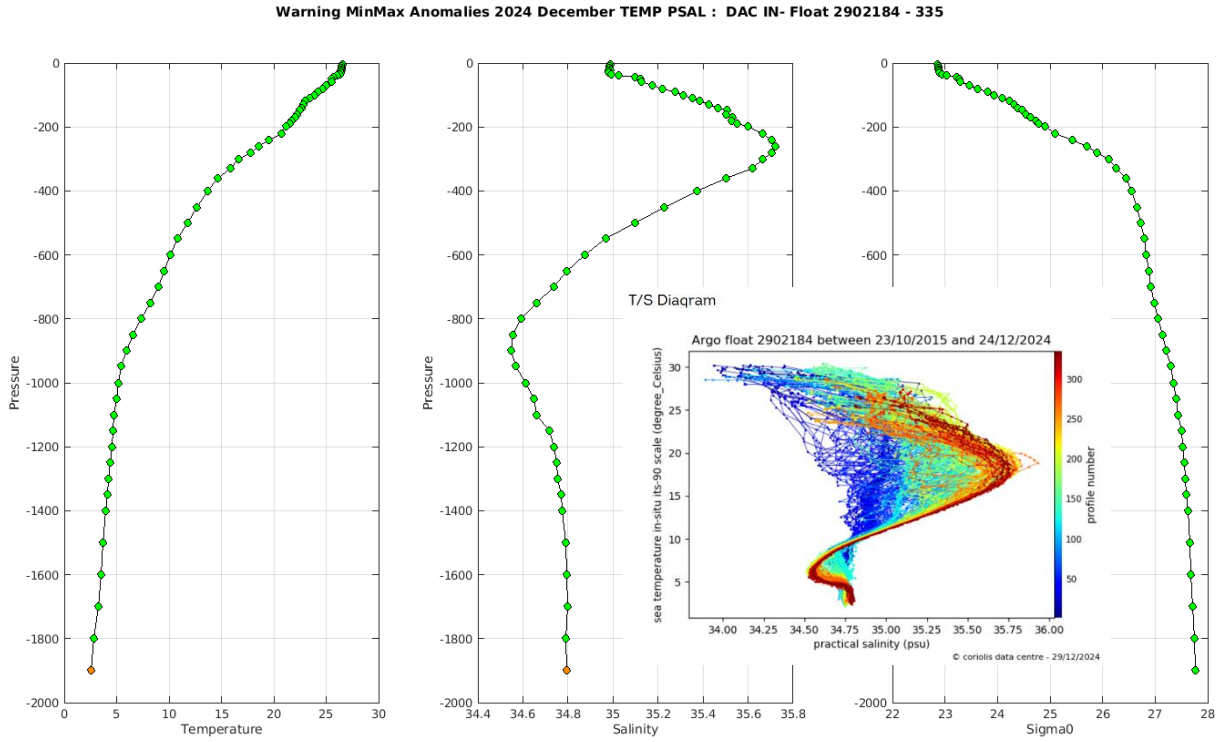
Float : 2902184 - Cycle : 333 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2024 11 24
Float : 2902184 - Cycle : 334 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2024 12 4
Float : 2902184 - Cycle : 335 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2024 12 14
Float : 2902185 - Cycle : 333 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2024 11 28
Float : 2902185 - Cycle : 334 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2024 12 8
Float : 2902222 - Cycle : 288 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2024 11 30
Float : 5907083 - Cycle : 45 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2024 12 2
Float : 5907083 - Cycle : 46 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2024 12 12
Float : 6990617 - Cycle : 33 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23035 - Date : 2024 12 4
Float : 6990617 - Cycle : 34 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23035 - Date : 2024 12 14

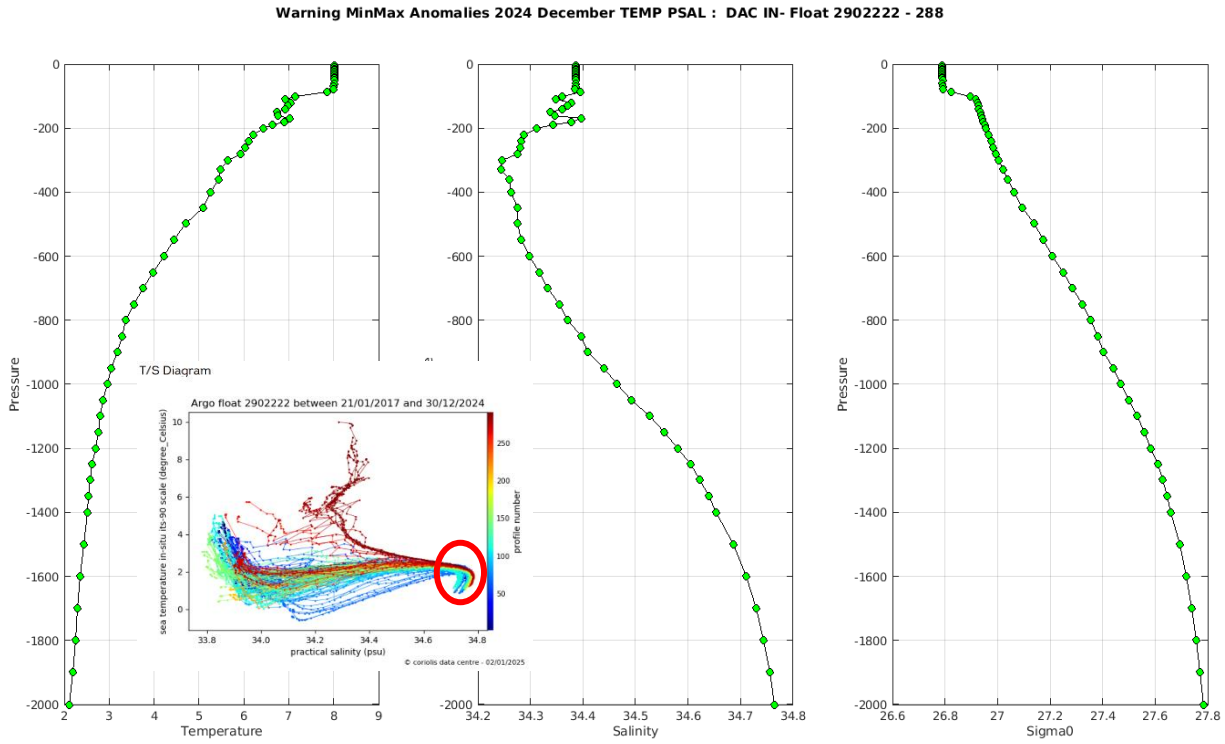
Files data_mode=’D’



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

Example of anomalies:

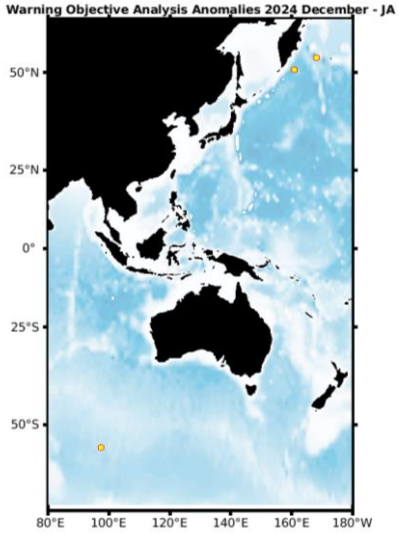




5.6. DAC JMA/JAMSTEC

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

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

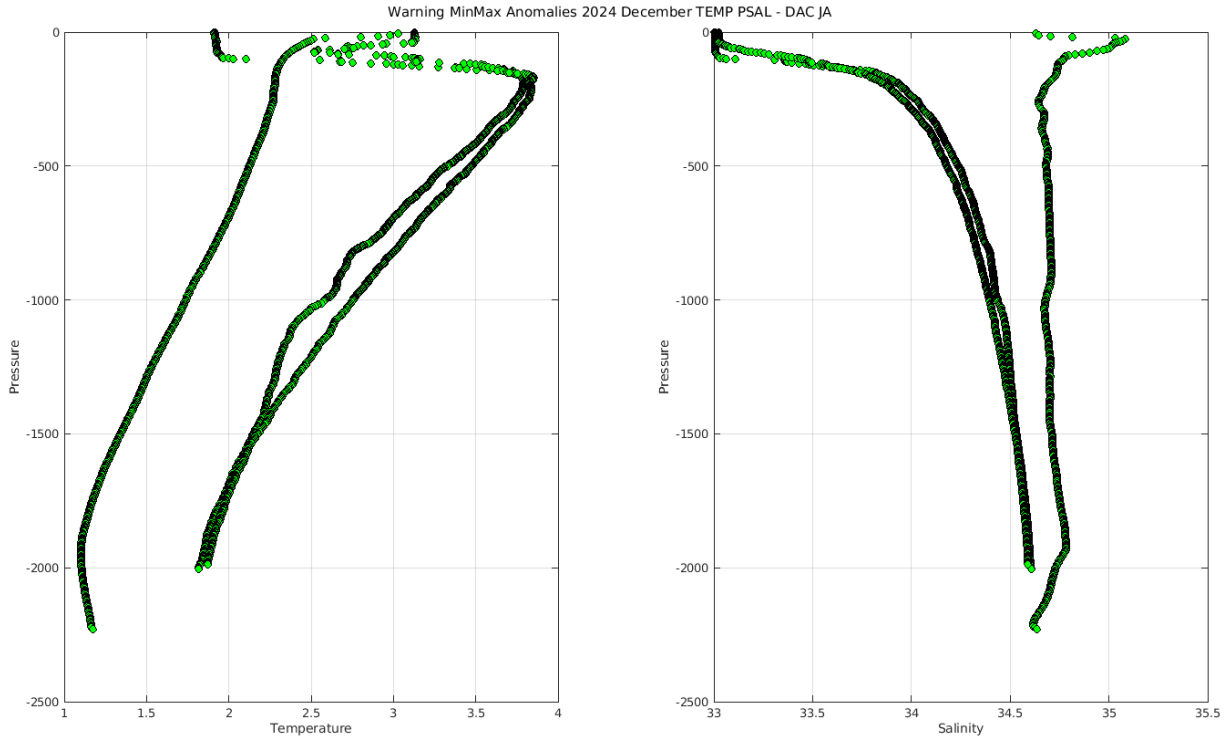


Status of corrections: Correction in progress, feedbacks each month

Files data_mode='R'/'A'

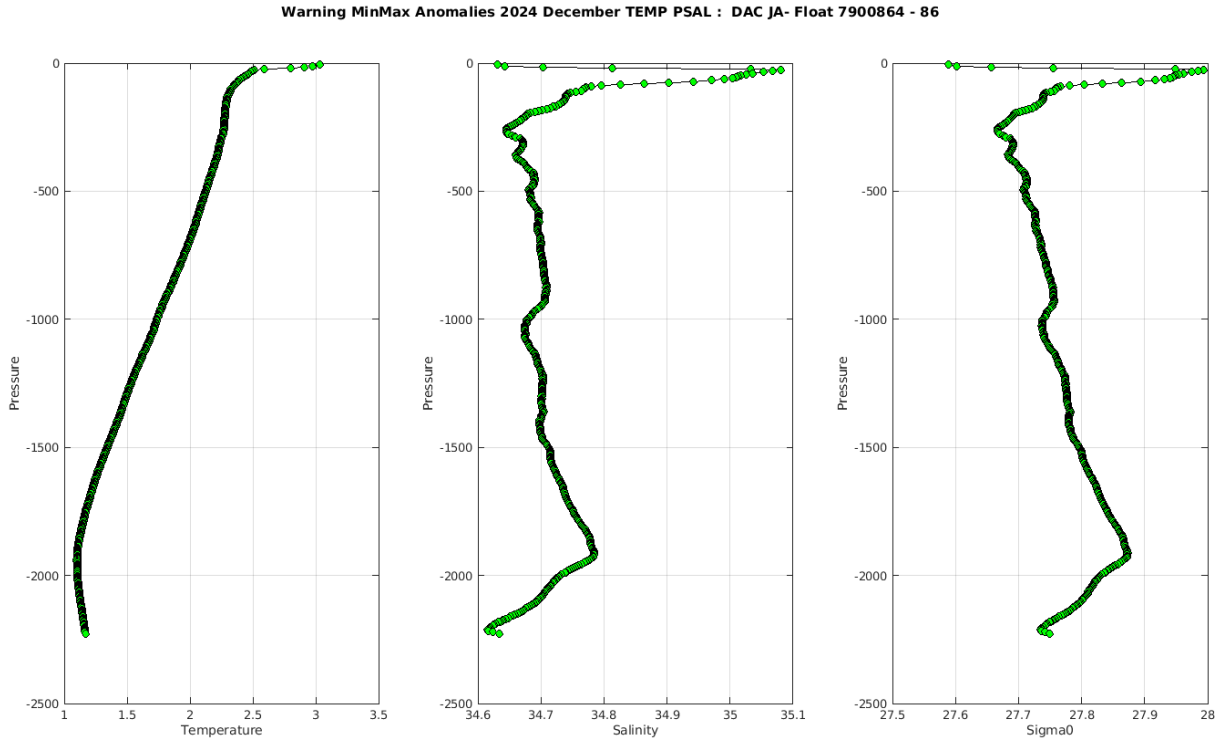
Float : 2903392 - Cycle : 42 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0954 - Date : 2021 1 13
Float : 2903666 - Cycle : 87 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0959 - Date : 2022 4 14
Float : 7900864 - Cycle : 86 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 36 - Date : 2021 3 14

Files data_mode='D'



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

Example of anomalies:



5.7. DAC KMA

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

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

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

Files data_mode='R'/'A'

Files data_mode='D'

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

Example of anomalies:

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

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

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

- Mix of RT and DM files and strange values (Float_wmo, Cycle, Data_state_indicator, Parameter, Value, QC)

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

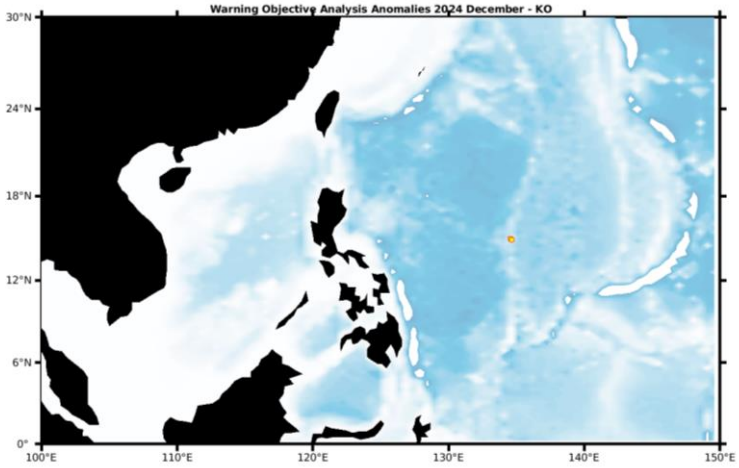
PSAL =
-1073760.375, 33.900, 33.876, 33.928, 33.964, 34.015,
34.028, 34.027, 34.031, 34.033, 34.034, 34.029,

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

5.8. DAC KORDI/KIOST

Profiles detected by the objective analysis: 2 profiles (1 float – float can have several cycles with anomalies)

Data_mode =’R’	Data_mode =’A’	Data_mode =’D’
0 cycle	2 cycles	0 cycle

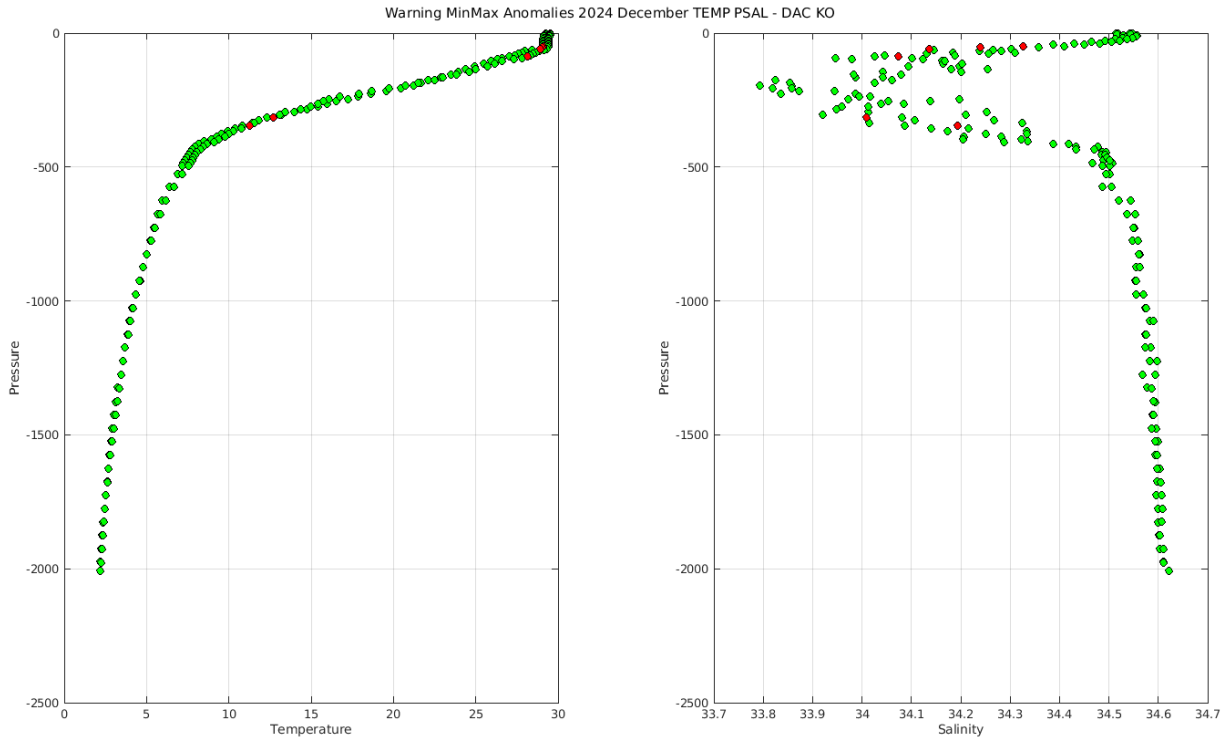


Status of corrections:. No feedback.

Files data_mode=’R’ /’A’

Float : 3902470 - Cycle : 79 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2024 12 1
Float : 3902470 - Cycle : 80 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2024 12 11

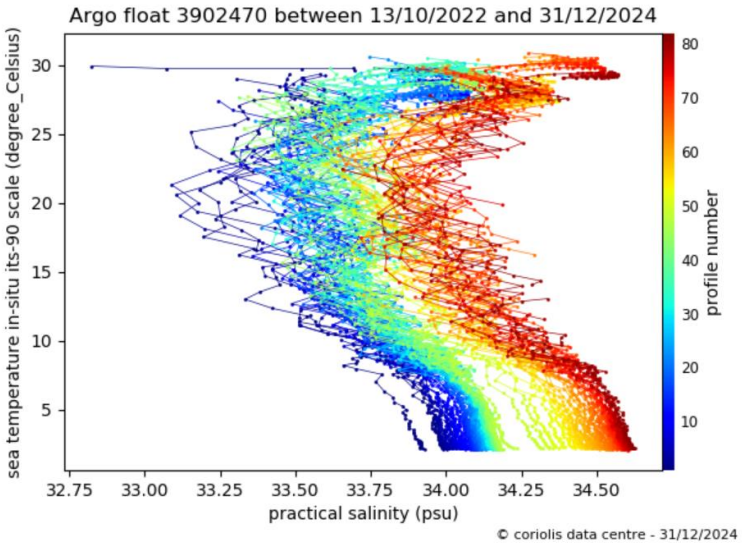
Files data_mode=’D’



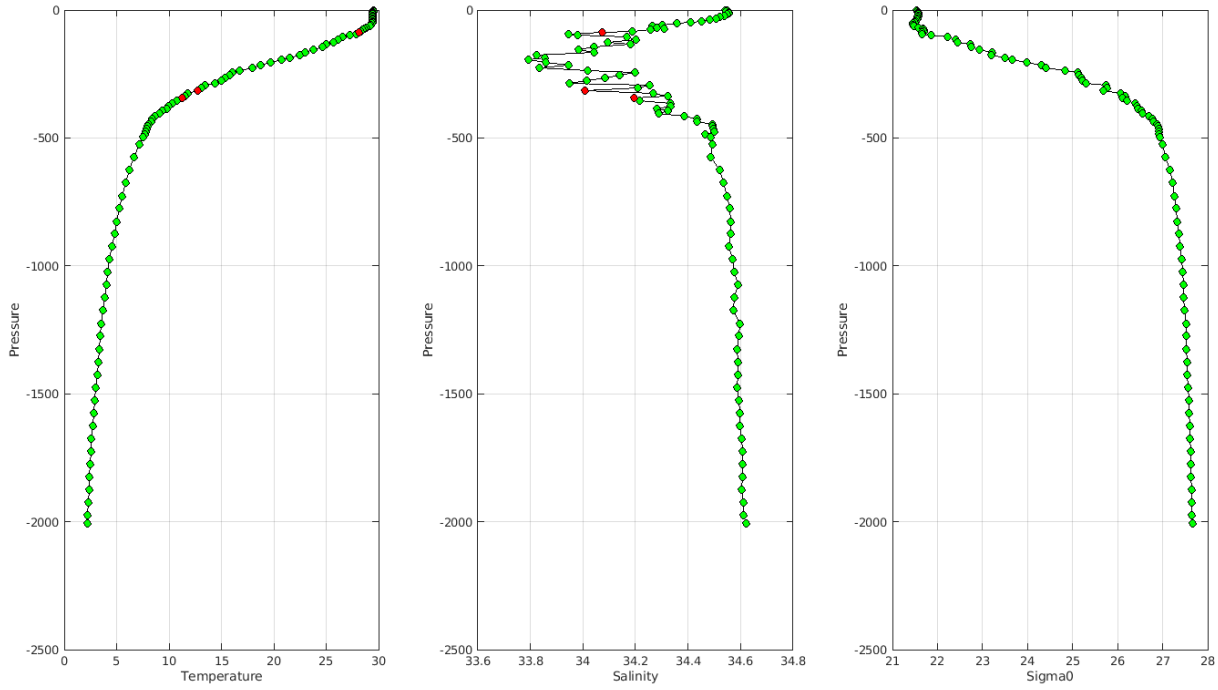
The list of the anomalies can be found at https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/kordi/

Example of anomalies:

T/S Diagram



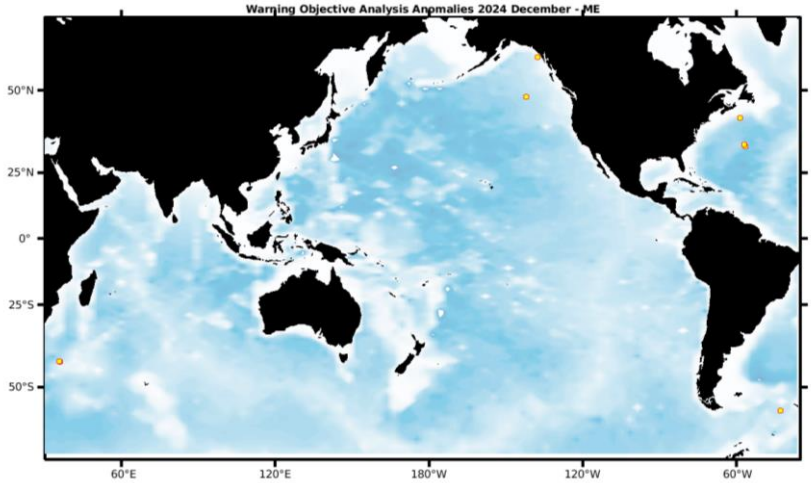
Warning MinMax Anomalies 2024 December TEMP PSAL : DAC KO- Float 3902470 - 80



5.9. DAC MEDS

Profiles detected by the objective analysis: 8 profiles (6 floats but floats can have several cycles with anomalies)

Data_mode =’R’	Data_mode =’A’	Data_mode =’D’
9 cycles	1 cycle	0 cycle

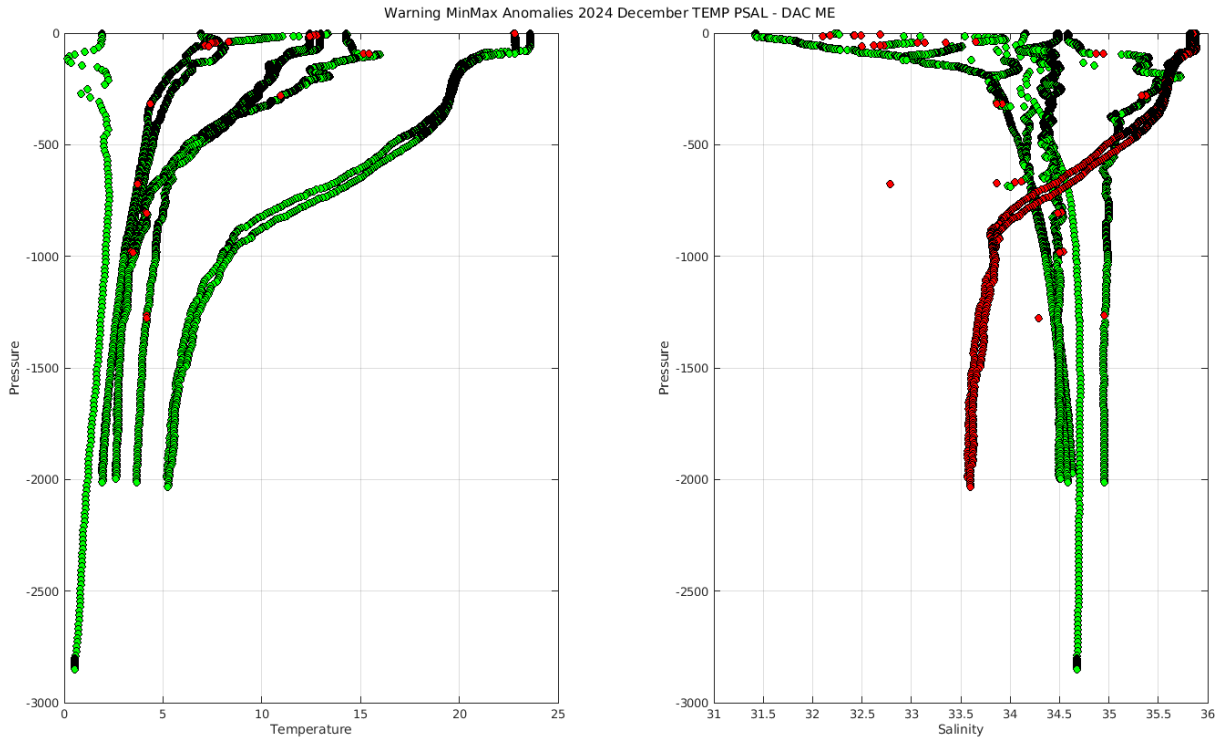


Status of corrections: In progress.

Files data_mode=’R’/’A’

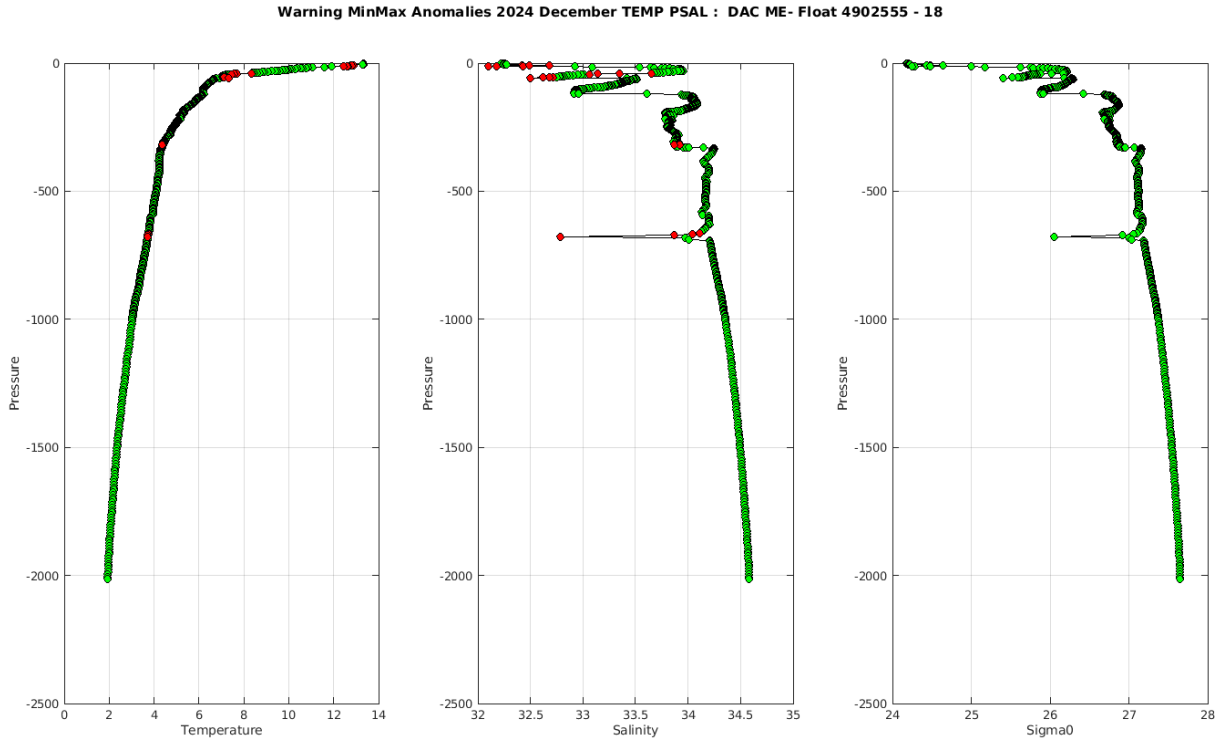
Float : 4902444 - Cycle : 212 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA07 - Date : 2024 12 15
Float : 4902470 - Cycle : 203 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2024 11 28
Float : 4902470 - Cycle : 204 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2024 12 8
Float : 4902555 - Cycle : 18 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 263220CA40 - Date : 2021 7 31
Float : 4902608 - Cycle : 44 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260022CA06 - Date : 2024 12 18
Float : 4902638 - Cycle : 31 - PI : Blair Greenan - Data mode : A - Platform type : ARVOR_D - WMO inst type : 838 - FLOAT SERIAL : P2700-23CA006 - Date : 2024 11 30
Float : 4902657 - Cycle : 24 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260023CA02 - Date : 2024 12 1
Float : 4902657 - Cycle : 25 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260023CA02 - Date : 2024 12 11

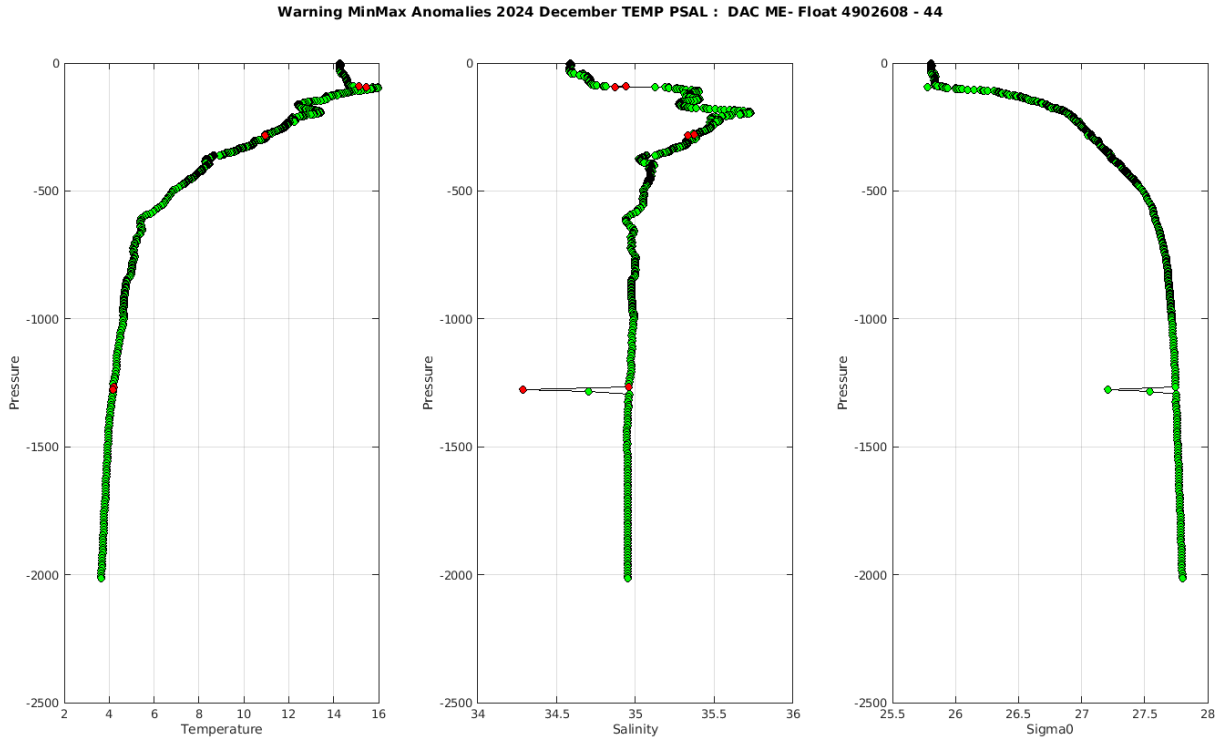
Files data_mode=’D’

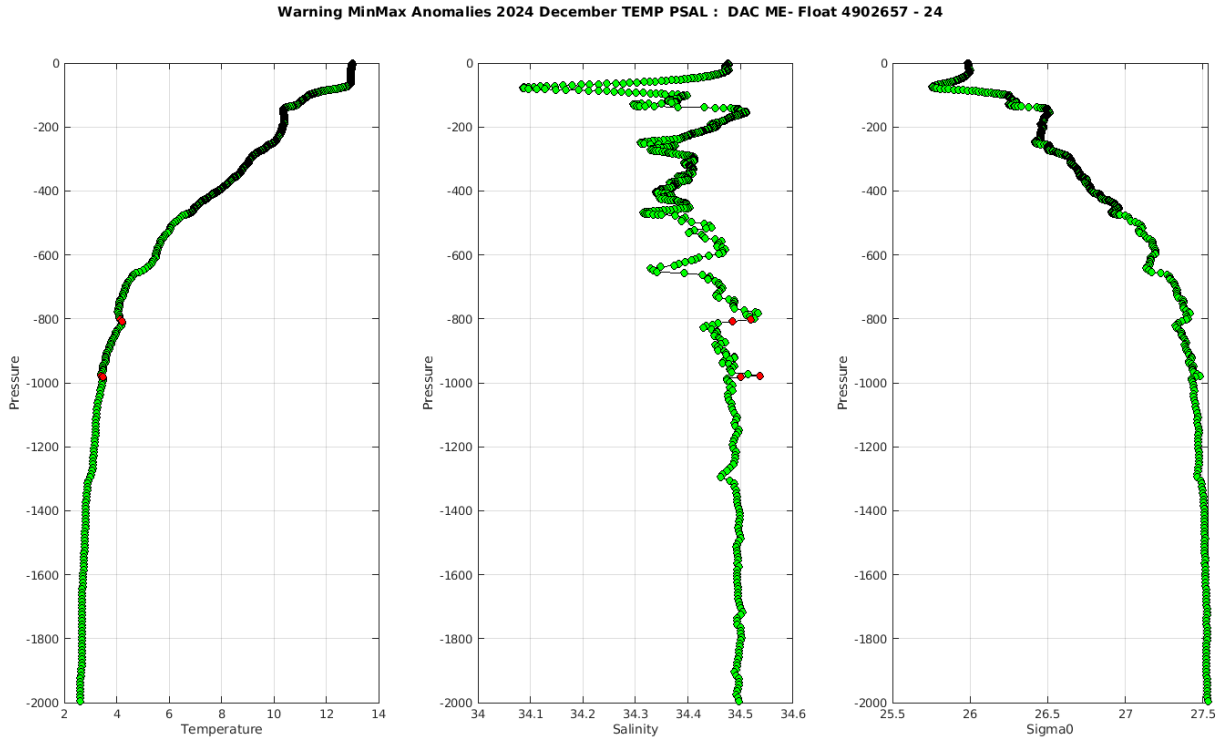


The list of the anomalies can be found at https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/meds/

Example of anomalies:







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

Mix of RT and DM files and strange values (Float_wmo, Cycle, Data_state_indicator, Parameter, Value, QC)

ME 3900084 120 2C+ PSAL -17014118346046900000000000000000000000 4
ME 3900085 120 2C+ PSAL -17014118346046900000000000000000000000 4
ME 4900512
ME 4900521
ME 4900537
ME 4900636
ME 4900877
ME 4901081

5.10. DAC NMDIS

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

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

INACTIVE FLOATS

Status of corrections:.No feedback on DM anomalies

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

Example of anomalies:

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

6. Synthetic profiles

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

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

7. Instrument_code error

For a same float, two different instrument_codes have been observed in profile files.
For ex. DAC AOML Float 3901261 : 326 profiles with instrument_code 854 and 400 profiles with instrument_code 872. Here profiles represent the vertical_sampling_scheme, so one cycle but 2 profiles for this cycle :

WMO_INST_TYPE =
"872 ",
"872 " ;

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

```
AO  3901261  PF  854  326
AO  3901261  PF  872  400
-----------------------------------------
AO  3901262  PF  854  434
AO  3901262  PF  872  294
-----------------------------------------
AO  3901263  PF  854  432
AO  3901263  PF  872  294
-----------------------------------------
AO  3901264  PF  854  440
AO  3901264  PF  872  295
-----------------------------------------
AO  3901266  PF  854  324
AO  3901266  PF  872  400
-----------------------------------------
AO  41534  TE  845  11
AO  41534  TE  999  85
-----------------------------------------
AO  5905759  PF  851  70
AO  5905759  PF  862  74
-----------------------------------------
AO  5905760  PF  851  68
AO  5905760  PF  862  68
-----------------------------------------
BO  1901894  PF  863  94
BO  1901894  PF  869  13
-----------------------------------------
BO  1901896  PF  863  93
BO  1901896  PF  869  14
-----------------------------------------
BO  2901896  PF  863  224
BO  2901896  PF  869  14
BO  2901897  PF  863  224
BO  2901897  PF  869  18
-----------------------------------------
BO  2901898  PF  863  221
BO  2901898  PF  869  14
-----------------------------------------
BO  6901162  PF  846  1
BO  6901162  PF  863  62
-----------------------------------------
BO  6901163  PF  846  1
BO  6901163  PF  863  187
-----------------------------------------
CS  1901740  PF  863  3
CS  1901740  PF  869  75
-----------------------------------------
CS  1901741  PF  863  3
CS  1901741  PF  869  74
-----------------------------------------
CS  1901742  PF  863  2
CS  1901742  PF  869  34
CS  5905428  PF  863  8
CS  5905428  PF  869  74
-----------------------------------------
CS  5905429  PF  863  7
CS  5905429  PF  869  75
-----------------------------------------
CS  7900632  PF  863  3
CS  7900632  PF  869  75
-----------------------------------------
CS  7900633  PF  863  2
CS  7900633  PF  869  75
-----------------------------------------
CS  7900634  PF  863  2
CS  7900634  PF  869  75
-----------------------------------------
HZ  2900313  PF  840  5
HZ  2900313  PF  841  3
-----------------------------------------
HZ  2902695  PF  870  1
HZ  2902695  PF  871  69
-----------------------------------------
HZ  2902698  PF  870  2
HZ  2902698  PF  871  58
-----------------------------------------
HZ  5900228  PF  840  3
HZ  5900228  PF  841  1
-----------------------------------------
IN  2902154  PF  841  1
IN  2902154  PF  846  150
-----------------------------------------
JA  2903635  PF  844  40
JA  2903635  PF  846  1
-----------------------------------------
ME  4901189  PF  846  16
ME  4901189  PF  865  5
```

8. File anomalies (GDAC – Real time)

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

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

8.1. AOML

GDAC (missing nc files)

For some floats :

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

See below the list of floats with existing nc files :
Feedback from AOML to remove floats for which no sufficient information to create the missing files; some are Orbcomm floats (wait for recommendations) which have no technical data, no drift pressure, no timing information and onlmy one surface position then tech files are obsolete and traj files quite useless.
Feedback for floats 4900433, 4903243 that should be updated

DAC name : aoml – Number of floats : 9175

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

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

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

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

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

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

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

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

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

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

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

2903871 - Existing NetCDF files
File : 2903871_Rtraj.nc - 2903871_meta.nc - 2903871_tech.nc -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

7902053 - Existing NetCDF files
File : 7902053_meta.nc - 7902053_prof.nc

7902054 - Existing NetCDF files
File : 7902054_meta.nc - 7902054_prof.nc

7902055 - Existing NetCDF files
File : 7902055_meta.nc - 7902055_prof.nc

7902056 - Existing NetCDF files
File : 7902056_meta.nc - 7902056_prof.nc

7902058 - Existing NetCDF files
File : 7902058_meta.nc - 7902058_prof.nc

8.2. BODC

GDAC (missing nc files)

For some floats :

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

- only meta and/or tech files (no monoprofile, no trajectory)

MAINLY TRAJECTORY FILE MISSING

See below the list of floats with existing nc files :
DAC name : bodc – Number of floats : 921

1901312 - Existing NetCDF files
File : 1901312_meta.nc - 1901312_prof.nc - 1901312_tech.nc -

1901844 - Existing NetCDF files
File : 1901844_meta.nc - 1901844_prof.nc - 1901844_tech.nc -

1901845 - Existing NetCDF files
File : 1901845_meta.nc - 1901845_prof.nc - 1901845_tech.nc -

1901846 - Existing NetCDF files
File : 1901846_meta.nc - 1901846_prof.nc - 1901846_tech.nc -

1901847 - Existing NetCDF files
File : 1901847_meta.nc - 1901847_prof.nc - 1901847_tech.nc -

1901848 - Existing NetCDF files
File : 1901848_meta.nc - 1901848_prof.nc - 1901848_tech.nc -

1901849 - Existing NetCDF files
File : 1901849_meta.nc - 1901849_prof.nc - 1901849_tech.nc -

1901850 - Existing NetCDF files
File : 1901850_meta.nc - 1901850_prof.nc - 1901850_tech.nc -

1901851 - Existing NetCDF files
File : 1901851_meta.nc - 1901851_prof.nc - 1901851_tech.nc -

1901852 - Existing NetCDF files
File : 1901852_meta.nc - 1901852_prof.nc - 1901852_tech.nc -

1901853 - Existing NetCDF files
File : 1901853_meta.nc - 1901853_prof.nc - 1901853_tech.nc -

1901854 - Existing NetCDF files
File : 1901854_meta.nc - 1901854_prof.nc - 1901854_tech.nc -

1901855 - Existing NetCDF files
File : 1901855_meta.nc - 1901855_prof.nc - 1901855_tech.nc -

1901856 - Existing NetCDF files
File : 1901856_meta.nc - 1901856_prof.nc - 1901856_tech.nc -

1901857 - Existing NetCDF files
File : 1901857_meta.nc - 1901857_prof.nc - 1901857_tech.nc -

1901858 - Existing NetCDF files
File : 1901858_meta.nc - 1901858_prof.nc - 1901858_tech.nc -

1901859 - Existing NetCDF files
File : 1901859_meta.nc - 1901859_prof.nc - 1901859_tech.nc -

1901860 - Existing NetCDF files
File : 1901860_meta.nc - 1901860_prof.nc - 1901860_tech.nc -

1901861 - Existing NetCDF files
File : 1901861_meta.nc - 1901861_prof.nc - 1901861_tech.nc -

1901862 - Existing NetCDF files
File : 1901862_meta.nc - 1901862_prof.nc - 1901862_tech.nc -

1901863 - Existing NetCDF files
File : 1901863_meta.nc - 1901863_prof.nc - 1901863_tech.nc -

1901864 - Existing NetCDF files
File : 1901864_meta.nc - 1901864_prof.nc - 1901864_tech.nc -

1901865 - Existing NetCDF files
File : 1901865_meta.nc - 1901865_prof.nc - 1901865_tech.nc -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1901883 - Existing NetCDF files

File : 1901883_meta.nc - 1901883_prof.nc - 1901883_tech.nc -

1901884 - Existing NetCDF files
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1901885 - Existing NetCDF files
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1901886 - Existing NetCDF files
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1901887 - Existing NetCDF files
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1901888 - Existing NetCDF files
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1901889 - Existing NetCDF files
File : 1901889_meta.nc - 1901889_prof.nc - 1901889_tech.nc -

1901890 - Existing NetCDF files
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1901892 - Existing NetCDF files
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1901893 - Existing NetCDF files
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1901894 - Existing NetCDF files
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1901895 - Existing NetCDF files
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1901896 - Existing NetCDF files
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1901897 - Existing NetCDF files
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1901898 - Existing NetCDF files
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1901899 - Existing NetCDF files
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1901900 - Existing NetCDF files
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1901901 - Existing NetCDF files
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1901902 - Existing NetCDF files
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1901903 - Existing NetCDF files
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1901904 - Existing NetCDF files
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1901906 - Existing NetCDF files
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1901907 - Existing NetCDF files
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1901909 - Existing NetCDF files
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1901910 - Existing NetCDF files
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1901911 - Existing NetCDF files
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1901912 - Existing NetCDF files
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1901914 - Existing NetCDF files
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1901915 - Existing NetCDF files
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1901916 - Existing NetCDF files
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1901917 - Existing NetCDF files
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1901918 - Existing NetCDF files
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1901919 - Existing NetCDF files
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1901920 - Existing NetCDF files
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1901921 - Existing NetCDF files
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1901922 - Existing NetCDF files
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1901923 - Existing NetCDF files
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1901924 - Existing NetCDF files
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1901925 - Existing NetCDF files
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1901926 - Existing NetCDF files
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1901927 - Existing NetCDF files
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1901928 - Existing NetCDF files
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1901931 - Existing NetCDF files
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1901932 - Existing NetCDF files
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1901933 - Existing NetCDF files
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1901934 - Existing NetCDF files
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1901935 - Existing NetCDF files
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1901936 - Existing NetCDF files
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1901937 - Existing NetCDF files
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1901938 - Existing NetCDF files
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1901939 - Existing NetCDF files
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1901940 - Existing NetCDF files
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1901941 - Existing NetCDF files
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1901942 - Existing NetCDF files
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1902079 - Existing NetCDF files
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1902080 - Existing NetCDF files
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1902081 - Existing NetCDF files
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1902082 - Existing NetCDF files
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1902083 - Existing NetCDF files
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1902084 - Existing NetCDF files
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1902085 - Existing NetCDF files
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1902086 - Existing NetCDF files
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1902087 - Existing NetCDF files
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1902088 - Existing NetCDF files
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1902089 - Existing NetCDF files
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1902090 - Existing NetCDF files
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1902091 - Existing NetCDF files
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1902093 - Existing NetCDF files
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1902094 - Existing NetCDF files
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1902095 - Existing NetCDF files
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1902096 - Existing NetCDF files
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1902097 - Existing NetCDF files
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1902099 - Existing NetCDF files
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1902101 - Existing NetCDF files
File : 1902101_meta.nc - 1902101_prof.nc - 1902101_tech.nc -

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

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

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

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

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

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

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

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

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

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

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

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

1902724 - Existing NetCDF files
File : 1902724_meta.nc - 1902724_prof.nc - 1902724_tech.nc -

1902725 - Existing NetCDF files
File : 1902725_meta.nc - 1902725_prof.nc - 1902725_tech.nc -

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

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

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

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

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

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

2901897 - Existing NetCDF files
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2901898 - Existing NetCDF files
File : 2901898_meta.nc - 2901898_prof.nc - 2901898_tech.nc -

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

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

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

2901903 - Existing NetCDF files
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2901904 - Existing NetCDF files
File : 2901904_meta.nc - 2901904_prof.nc - 2901904_tech.nc -

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

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

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

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

2903943 - Existing NetCDF files
File : 2903943_meta.nc - 2903943_prof.nc - 2903943_tech.nc -

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

3900559 - Existing NetCDF files
File : 3900559_meta.nc - 3900559_prof.nc - 3900559_tech.nc -

3900560 - Existing NetCDF files
File : 3900560_meta.nc - 3900560_prof.nc - 3900560_tech.nc -

3901488 - Existing NetCDF files
File : 3901488_meta.nc - 3901488_prof.nc - 3901488_tech.nc -

3901489 - Existing NetCDF files
File : 3901489_meta.nc - 3901489_prof.nc - 3901489_tech.nc -

3901490 - Existing NetCDF files
File : 3901490_meta.nc - 3901490_prof.nc - 3901490_tech.nc -

3901491 - Existing NetCDF files
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3901492 - Existing NetCDF files
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3901500 - Existing NetCDF files
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3901501 - Existing NetCDF files
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6901207 - Existing NetCDF files
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6901215 - Existing NetCDF files
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6901919 - Existing NetCDF files
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6904179 - Existing NetCDF files
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6904180 - Existing NetCDF files
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6904191 - Existing NetCDF files
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6904192 - Existing NetCDF files
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6990513 - Existing NetCDF files
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6990518 - Existing NetCDF files
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6990520 - Existing NetCDF files
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6990521 - Existing NetCDF files
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6990522 - Existing NetCDF files
File : 6990522_meta.nc - 6990522_prof.nc - 6990522_tech.nc -

6990631 - Existing NetCDF files
File : 6990631_Rtraj.nc - 6990631_meta.nc - 6990631_tech.nc -

7901008 - Existing NetCDF files
File : 7901008_meta.nc - 7901008_prof.nc - 7901008_tech.nc -

7901024 - Existing NetCDF files
File : 7901024_meta.nc - 7901024_prof.nc - 7901024_tech.nc -

7901034 - Existing NetCDF files
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7901093 - Existing NetCDF files
File : 7901093_meta.nc - 7901093_prof.nc - 7901093_tech.nc -

7901132 - Existing NetCDF files
File : 7901132_meta.nc - 7901132_prof.nc - 7901132_tech.nc

8.3. CORIOLIS

GDAC (missing nc files)

For some floats :

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

See below the list of floats with existing nc files :

DAC name : Coriolis – Number of floats : 3895

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 -

1902609 - Existing NetCDF files
File : 1902609_Rtraj.nc - 1902609_meta.nc - 1902609_tech.nc -

1902664 - Existing NetCDF files
File : 1902664_Rtraj.nc - 1902664_meta.nc

3902008 - Existing NetCDF files
File : 3902008_Rtraj.nc - 3902008_meta.nc

5903129 - Existing NetCDF files
File : 5903129_Rtraj.nc - 5903129_meta.nc - 5903129_tech.nc -

5906980 - Existing NetCDF files
File : 5906980_Rtraj.nc - 5906980_meta.nc

6900215 - Existing NetCDF files
File : 6900215_meta.nc - 6900215_prof.nc - 6900215_tech.nc -

6900217 - Existing NetCDF files
File : 6900217_meta.nc - 6900217_prof.nc - 6900217_tech.nc -

6900831 - Existing NetCDF files
File : 6900831_Rtraj.nc - 6900831_meta.nc - 6900831_tech.nc -

6900940 - Existing NetCDF files
File : 6900940_Rtraj.nc - 6900940_meta.nc - 6900940_tech.nc -

6901000 - Existing NetCDF files
File : 6901000_Rtraj.nc - 6901000_meta.nc - 6901000_tech.nc

6901224 - Existing NetCDF files
File : 6901224_Rtraj.nc - 6901224_meta.nc - 6901224_tech.nc -

6901438 - Existing NetCDF files
File : 6901438_Rtraj.nc - 6901438_meta.nc -

6901469 - Existing NetCDF files
File : 6901469_Rtraj.nc - 6901469_meta.nc -

6901551 - Existing NetCDF files
File : 6901551_Rtraj.nc - 6901551_meta.nc - 6901551_tech.nc -

6901594 - Existing NetCDF files
File : 6901594_Rtraj.nc - 6901594_meta.nc - 6901594_tech.nc -

6901615 - Existing NetCDF files
File : 6901615_Rtraj.nc - 6901615_meta.nc - 6901615_tech.nc -

6901820 - Existing NetCDF files
File : 6901820_Rtraj.nc - 6901820_meta.nc -

6901844 - Existing NetCDF files
File : 6901844_Rtraj.nc - 6901844_meta.nc -

6901854 - Existing NetCDF files
File : 6901854_Rtraj.nc - 6901854_meta.nc - 6901854_tech.nc -

6902583 - Existing NetCDF files
File : 6902583_Rtraj.nc - 6902583_meta.nc -

6902678 - Existing NetCDF files
File : 6902678_Rtraj.nc - 6902678_meta.nc -

6902685 - Existing NetCDF files
File : 6902685_Rtraj.nc - 6902685_meta.nc - 6902685_tech.nc -

6902741 - Existing NetCDF files
File : 6902741_Rtraj.nc - 6902741_meta.nc - 6902741_tech.nc -

6903181 - Existing NetCDF files
File : 6903181_Rtraj.nc - 6903181_meta.nc -

6903185 - Existing NetCDF files
File : 6903185_Rtraj.nc - 6903185_meta.nc -

6903193 - Existing NetCDF files
File : 6903193_Rtraj.nc - 6903193_meta.nc -

6903226 - Existing NetCDF files
File : 6903226_Rtraj.nc - 6903226_meta.nc

6903807 - Existing NetCDF files
File : 6903807_Rtraj.nc - 6903807_meta.nc

6903827 - Existing NetCDF files
6903827_Rtraj.nc - 6903827_meta.nc

6903868 - Existing NetCDF files
File : 6903868_Rtraj.nc - 6903868_meta.nc

7900218 - Existing NetCDF files
File : 7900218_meta.nc - 7900218_prof.nc - 7900218_tech.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 : 560

2901498 - Existing NetCDF files
File : 2901498_Rtraj.nc - 2901498_meta.nc - 2901498_tech.nc -

2901505 - Existing NetCDF files
File : 2901505_Rtraj.nc - 2901505_meta.nc - 2901505_tech.nc

8.5. CSIRO

GDAC (missing nc files)

MAINLY TRAJECTORY FILE MISSING

For some floats :

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

See below the list of floats with existing nc files :

DAC name : csiro – Number of floats : 1188

1901746 - Existing NetCDF files
File : 1901746_meta.nc - 1901746_prof.nc - 1901746_tech.nc -

3901467 - Existing NetCDF files
File : 3901467_meta.nc - 3901467_prof.nc - 3901467_tech.nc -

5904221 - Existing NetCDF files
File : 5904221_meta.nc - 5904221_prof.nc - 5904221_tech.nc -

5904224 - Existing NetCDF files
File : 5904224_meta.nc - 5904224_prof.nc - 5904224_tech.nc -

5904226 - Existing NetCDF files
File : 5904226_meta.nc - 5904226_prof.nc - 5904226_tech.nc -

5904916 - Existing NetCDF files
File : 5904916_meta.nc - 5904916_prof.nc - 5904916_tech.nc -

5904917 - Existing NetCDF files
File : 5904917_meta.nc - 5904917_prof.nc - 5904917_tech.nc -

5904922 - Existing NetCDF files
File : 5904922_meta.nc - 5904922_prof.nc - 5904922_tech.nc -

5905410 - Existing NetCDF files
File : 5905410_meta.nc - 5905410_prof.nc - 5905410_tech.nc -

5905411 - Existing NetCDF files
File : 5905411_meta.nc - 5905411_prof.nc - 5905411_tech.nc -

5905412 - Existing NetCDF files
File : 5905412_meta.nc - 5905412_prof.nc - 5905412_tech.nc -

5905413 - Existing NetCDF files
File : 5905413_meta.nc - 5905413_prof.nc - 5905413_tech.nc -

5905419 - Existing NetCDF files
File : 5905419_meta.nc - 5905419_prof.nc - 5905419_tech.nc -

5905420 - Existing NetCDF files
File : 5905420_meta.nc - 5905420_prof.nc - 5905420_tech.nc -

5905421 - Existing NetCDF files
File : 5905421_meta.nc - 5905421_prof.nc - 5905421_tech.nc -

5905430 - Existing NetCDF files
File : 5905430_meta.nc - 5905430_prof.nc - 5905430_tech.nc -

5905468 - Existing NetCDF files
File : 5905468_Rtraj.nc - 5905468_meta.nc - 5905468_tech.nc -

7900331 - Existing NetCDF files
File : 7900331_Rtraj.nc - 7900331_meta.nc - 7900331_tech.nc -

7900639 - Existing NetCDF files
File : 7900639_meta.nc - 7900639_prof.nc - 7900639_tech.nc -

7900640 - Existing NetCDF files
File : 7900640_meta.nc - 7900640_prof.nc - 7900640_tech.nc -

7900642 - Existing NetCDF files
File : 7900642_meta.nc - 7900642_prof.nc - 7900642_tech.nc

8.6. INCOIS

For some floats :

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

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

See below the list of floats with existing nc files :

DAC name : incois – Number of floats : 557

1902669 - Existing NetCDF files
File : 1902669_meta.nc - 1902669_prof.nc - 1902669_tech.nc -

1902670 - Existing NetCDF files
File : 1902670_meta.nc - 1902670_prof.nc - 1902670_tech.nc -

1902671 - Existing NetCDF files
File : 1902671_meta.nc - 1902671_prof.nc - 1902671_tech.nc -

1902672 - Existing NetCDF files
File : 1902672_meta.nc - 1902672_prof.nc - 1902672_tech.nc -

1902673 - Existing NetCDF files
File : 1902673_meta.nc - 1902673_prof.nc - 1902673_tech.nc -

1902674 - Existing NetCDF files
File : 1902674_meta.nc - 1902674_prof.nc - 1902674_tech.nc -

1902675 - Existing NetCDF files
File : 1902675_meta.nc - 1902675_prof.nc - 1902675_tech.nc -

1902676 - Existing NetCDF files
File : 1902676_meta.nc - 1902676_prof.nc - 1902676_tech.nc -

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

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

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

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

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

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

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

2902230 - Existing NetCDF files
File : 2902230_meta.nc - 2902230_prof.nc - 2902230_tech.nc -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2903952 - Existing NetCDF files
File : 2903952_meta.nc - 2903952_prof.nc - 2903952_tech.nc -

2903953 - Existing NetCDF files
File : 2903953_meta.nc - 2903953_prof.nc - 2903953_tech.nc -

2903954 - Existing NetCDF files
File : 2903954_meta.nc - 2903954_prof.nc - 2903954_tech.nc -

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

3902629 - Existing NetCDF files
File : 3902629_meta.nc - 3902629_prof.nc - 3902629_tech.nc -

3902630 - Existing NetCDF files
File : 3902630_meta.nc - 3902630_prof.nc - 3902630_tech.nc -

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

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

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

4903837 - Existing NetCDF files
File : 4903837_meta.nc - 4903837_prof.nc - 4903837_tech.nc -

4903838 - Existing NetCDF files
File : 4903838_meta.nc - 4903838_prof.nc - 4903838_tech.nc -

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

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

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

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

5907138 - Existing NetCDF files
File : 5907138_meta.nc - 5907138_prof.nc - 5907138_tech.nc -

5907139 - Existing NetCDF files
File : 5907139_meta.nc - 5907139_prof.nc - 5907139_tech.nc -

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

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

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

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

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

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

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

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

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

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

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

6990678 - Existing NetCDF files
File : 6990678_meta.nc - 6990678_prof.nc - 6990678_tech.nc -

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

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

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

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

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

7901131 - Existing NetCDF files
File : 7901131_meta.nc - 7901131_prof.nc - 7901131_tech.nc -

7902242 - Existing NetCDF files
File : 7902242_meta.nc - 7902242_prof.nc - 7902242_tech.nc -

7902243 - Existing NetCDF files
File : 7902243_meta.nc - 7902243_prof.nc - 7902243_tech.nc -

7902244 - Existing NetCDF files
File : 7902244_meta.nc - 7902244_prof.nc - 7902244_tech.nc

7902246 - Existing NetCDF files
File : 7902246_meta.nc - 7902246_prof.nc - 7902246_tech.nc -

7902247 - Existing NetCDF files
File : 7902247_meta.nc - 7902247_prof.nc - 7902247_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 : 1960

1902074 - Existing NetCDF files
File : 1902074_meta.nc - 1902074_prof.nc -

1902075 - Existing NetCDF files
File : 1902075_meta.nc - 1902075_prof.nc -

1902332 - Existing NetCDF files
File : 1902332_Sprof.nc - 1902332_meta.nc - 1902332_prof.nc -

1902333 - Existing NetCDF files
File : 1902333_meta.nc - 1902333_prof.nc -

1902335 - Existing NetCDF files
File : 1902335_meta.nc - 1902335_prof.nc -

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

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

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

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

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

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

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

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

1902346 - Existing NetCDF files
File : 1902346_meta.nc - 1902346_prof.nc -

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

1902350 - Existing NetCDF files
File : 1902350_meta.nc - 1902350_prof.nc -

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

1902352 - Existing NetCDF files
File : 1902352_meta.nc - 1902352_prof.nc -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2903012 - Existing NetCDF files
File : 2903012_Sprof.nc - 2903012_meta.nc - 2903012_prof.nc -

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5901937 - Existing NetCDF files
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5905218 - Existing NetCDF files
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5906599 - Existing NetCDF files
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7900024 - Existing NetCDF files
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7900025 - Existing NetCDF files
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7900599 - Existing NetCDF files
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7900600 - Existing NetCDF files
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7900881 - Existing NetCDF files
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8.8. KMA

For some floats :

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

See below the list of floats with existing nc files :
DAC name : kma – Number of floats : 264

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

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

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

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

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

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

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

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

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

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

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

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

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

8.9. KORDI/KIOST

For some floats :

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

See below the list of floats with existing nc files :
DAC name : kiost – Number of floats : 125

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

2903935 - Existing NetCDF files
File : 2903935_meta.nc - 2903935_prof.nc -

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

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

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

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

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

4903824 - Existing NetCDF files
File : 4903824_meta.nc - 4903824_prof.nc -

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

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

5907129 - Existing NetCDF files
File : 5907129_meta.nc - 5907129_prof.nc -

5907130 - Existing NetCDF files
File : 5907130_meta.nc - 5907130_prof.nc -

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

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

6990666 - Existing NetCDF files
File : 6990666_meta.nc - 6990666_prof.nc -

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

8.10. MEDS

For some floats :

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See below the list of floats with existing nc files :
DAC name : meds – Number of floats : 721

8.11. NMDIS

For some floats :

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