GDAC Float Anomalies Monitoring

May 2023

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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.

Summary

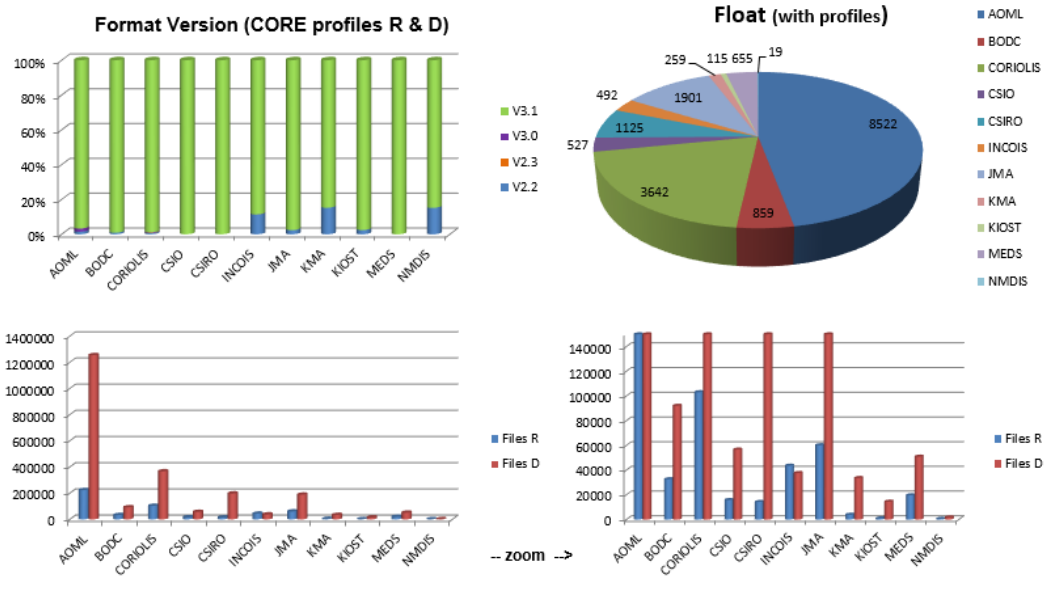
1. Anomalies of Argo profiles – Suspected drift

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	1901810	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	**2023/05/06**	**269**	2023/05/26	271	3	Argo WHOI	SBE41CP	7219	1	ASD Drift ?	
AOML	3901198	GREGORY C. JOHNSON	**2023/05/27**	**291**			3	Argo PMEL	SBE41CP	6307	1	Slight drift	
AOML	3902368	STEPHEN RISER	**2023/02/05**	**1**	2023/05/18	11	3	Argo UW	SBE41CP	13499	1	Drift for first cycles (outside minmax) then inside but seems to be a drift	
AOML	5905236	DEAN ROEMMICH	**2023/05/21**	**227**	2023/05/22	228	3	Argo SIO	SBE41CP_V7.2.5	8668	1	Drift and/or jump ?	
AOML	5905724	DEAN ROEMMICH	**2023/05/05**	**173**	2023/05/25	175	3	Argo SIO	SBE41CP_V7.2.5	10715	3	Drift ?	
BODC	3901571	Jon Turton	**2023/04/25**	**37**			3	Argo UK	SBE41CP	13234	1	Slight drift	
BODC	6903727	Brian King	**2023/05/12**	**123**			3	Argo UK	RBR_ARGO3	203597	1	Drift ? Strange but gap with neighbor profiles	
CORIOLIS	6900790	Romain Cancouet	**2023/05/28**	**165**			4	ARGO MOCCA	SBE41CP_V7.2.5	8101	1	Jump, ASD ?	
CORIOLIS	6900893	Birgit Klein	**2023/06/01**	**134**			3	Argo BSH	SBE41CP	11971	1	Drift	
CSIRO	5905519	Tom Trull	**2023/05/13**	**67**	2023/05/23	68	3	Argo Australia	SBE41CP_V7.2.5	16653	1	Slight drift ?	
INCOIS	2902203	M Ravichandran	**2023/05/21**	**264**	2023/05/31	265	3	Indian Argo	SBE41	7641	1	Drift and/or jump ?	
JMA	4902149	JAMSTEC	**2023/05/08**	**313**			3	Argo JAMSTEC	SBE41CP_V2	6122	1	Slight drift ? QC2 on grey list but may be should QC3 for last cyles ?	
PREVIOUS REPORTS		[in last 2 months]											
AOML	3901284	GREGORY C. JOHNSON	**2023/02/09**	**220**	2023/05/30	231	3	Argo PMEL	SBE41CP	08546	1	Drift	PSAL,3,220,N/A
AOML	3901295	GREGORY C. JOHNSON	**2023/05/02**	**231**	2023/06/01	234	3	Argo PMEL	SBE41CP	08694	1	Drift	
AOML	3902150	GREGORY C. JOHNSON	**2022/09/21**	**134**	2023/05/16	158	3	Argo PMEL	SBE61	5716	1	Drift, PSAL QC3 but PSAL_ADJUSTED deeper than 2000 dbar still with QC2	PSAL,3,134,N/A
AOML	3902180	DEAN ROEMMICH	**2023/02/17**	**120**	2023/03/09	122	3	Argo SIO	SBE41CP_V7.2.5	11290	3	Strange profile	
AOML	3902375	GREGORY C. JOHNSON	**2023/03/12**	**1**	2023/05/21	8	3	Argo PMEL	SBE41CP	17427	1	Drift (First cycles)	
AOML	4902079	GREGORY C. JOHNSON	**2022/10/18**	**273**	2023/05/26	295	3	Argo PMEL	SBE41CP	6289	1	Drift	
AOML	4902937	GREGORY C. JOHNSON	**2022/02/25**	**172**	2023/05/31	218	3	Argo PMEL	SBE41CP	09041	1	Slight drift	
AOML	4903051	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	**2023/05/02**	**155**			3	Argo WHOI	SBE41CP	10804	1	Slight drift	
AOML	5902387	DEAN ROEMMICH	**2023/04/07**	**326**			3	Argo SIO	SBE41CP_V3.0c	5828	3	Bad profile ?	
AOML	5904585	GREGORY C. JOHNSON	**2023/04/13**	**292**	2023/05/23	296	3	Argo PMEL	SBE41CP	6275	1	Slight drift	
AOML	5904821	STEPHEN RISER	**2023/03/11**	**232**	2023/03/31	234	3	Argo UW	SBE41CP	7885	1	Slight drift	
BODC	1901873	Jon Turton	**2022/07/12**	**219**	2023/03/27	245	3	Argo UK	SBE41CP_V7.2.5	08117	1	Drift - float now inactive	
BODC	1901906	Jon Turton	**2023/04/26**	**159**			3	Argo UK	SBE41CP_V7.2.5	9191	1	Jump or Drift ?	
BODC	3901515	Jon Turton	**2023/03/05**	**278**			3	Argo UK	SBE41_V3	6543	1	Bad profile or drift ? Float now inactive	
BODC	3901522	Jon Turton	**2022/12/09**	**261**	2023/04/28	275	3	Argo UK	SBE41_V3	6716	1	Slight drift ?	PSAL,3,261,N/A
BODC	6901178	Jon Turton	**2023/04/14**	**286**	2023/05/14	289	3	Argo UK	SBE41-V3	6655	1	Slight drift ?	
BODC	6901921	Diarmuid O'Conchubhair	**2023/02/08**	**315**	2023/05/31	329	3	Argo IRELAND	SBE41CP	6641	1	Slight drift ?	
BODC	6903753	Brian King	**2020/12/19**	**1**	2023/05/26	94	3	Argo UK	RBR_ARGO3	203420	1	Drift - Finally start at cycle 1 instead of cycle 12	
CORIOLIS	6902806	Virginie THIERRY	**2023/04/24**	**177**			3	CORIOLIS	SBE41CP_V7.2.5	8957	1	Slight drift ? Diagram TS strange but large minmax ranges	
CORIOLIS	6902888	Damien DESBRUYERES	**2023/05/03**	**99**	2023/05/13	100	3	CORIOLIS	SBE41CP_V7.2.5	10041	1	Slight drift ? Yes comparing to neighbouring profiles	
CSIO	2902755	FEI CHAI	**2023/03/17**	**367**	2023/05/26	374	3	Argo CHINA	SBE41CP_V7.2.5	9875	1	Slight drift, answer from csio : The float may experience conductivity sensor drift, whose salinity data shall be adjusted in DMQC.	
INCOIS	2902182	M Ravichandran	**2023/04/15**	**280**	2023/05/24	284	3	Argo INDIA	SBE41CP	7252	1	Slight drift ?	
INCOIS	2902183	M Ravichandran	**2023/02/01**	**272**	2023/03/02	275	3	Argo INDIA	SBE41CP	7250	1	Slight drift	
INCOIS	2902184	M Ravichandran	**2023/03/05**	**270**	2023/04/24	278	3	Argo INDIA	SBE41CP	6674	1	Slight drift	
INCOIS	2902185	M Ravichandran	**2020/12/29**	**190**	2023/05/28	278	3	Indian Argo	SBE41CP	6670	1		
INCOIS	2902200	M Ravichandran	**2023/03/21**	**258**	2023/05/30	265	3 & 4	Indian Argo	SBE41	7649	1	Drift	
INCOIS	2902201	M Ravichandran	**2020/08/23**	**164**	2023/05/30	265	3	Indian Argo	SBE41	7642	1		
INCOIS	2902209	M Ravichandran	**2019/03/10**	**92**	2023/05/29	249	3 & 4	Indian Argo	SBE41CP	8353	1	entered an eddy-rich region. cycle 109 (20190824) is 0.25 psu saltier than	
INCOIS	2902222	M Ravichandran	**2020/06/09**	**161**	2023/05/30	233	3	Indian Argo	SBE41	6672	1	Drift	
INCOIS	2902265	RAVICHANDRAN	**2022/09/28**	**134**	2023/03/07	150	3	Argo INDIA	SBE41CP	11193	1	Slight drift	
INCOIS	2902267	M Ravichandran	**2021/08/08**	**93**	2023/03/21	152	3 & 4	Argo INDIA	SBE41CP	11206	1	Slight drift	
KMA	2901792	KiRyong Kang --> Grey List but still in alert ?	**2022/01/22**	**116**	2023/05/27	185	3	Argo NIMS/KMA	SBE41CP	11994	2	Jump with bad data ? Recorded in grey list but still in alert, not well implemented at DAC level ?	
KORDI	3902470	Sung-Dae kim	**2022/10/13**	**1**	2023/05/31	24	3	Argo KIOST	SBE41CP	16477	2	Biais from beginning ?	
MEDS	4902440	Blair Greenan	**2023/04/28**	**167**	2023/05/18	169	3	Argo CANADA	SBE41CP	41CP-10467	1	Slight drift ?	
MEDS	4902443	Blair Greenan	**2023/04/16**	**152**	2023/05/27	156	3	Argo CANADA	SBE41CP	41CP-10472	1	Drift	
MEDS	4902444	Blair Greenan	**2022/05/21**	**120**	2023/01/01	142	3	Argo CANADA	SBE41CP	41CP-10473	1	Slight drift ? Comparing to neighbour, seems drifted	
MEDS	4902445	Blair Greenan	**2022/12/23**	**165**	2023/02/12	170	3	Argo CANADA	SBE41CP	41CP-10474	1	Slight drift ? Comparing to neighbour, seems drifted	
MEDS	4902595	Blair Greenan	**2022/10/21**	**19**	2023/05/24	40	3	Argo CANADA	SBE41CP	41CP-13209	1	Beginning of drift ?	
Floats on grey list since last month (from feedback and check of greylist index)													
AOML	3901240	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS --> Grey List	**2022/03/19**	**228**			3	Argo WHOI	SBE41CP	8381	1	Slight drift	
AOML	4902343	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS --> Grey List	**2023/04/27**	**255**	2023/05/07	256	3	Argo WHOI	SBE41CP	7330	1	Jump or Drift ?	
AOML	5906578	STEPHEN RISER/KEN JOHNSON --> Grey List	**2023/04/18**	**10**			4	UW SOCCOM	SBE41CP	16079	3	Bad profiles	

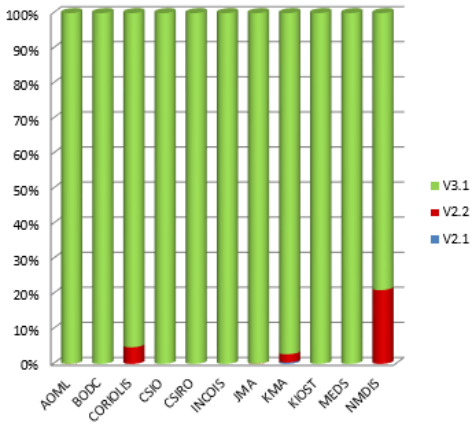
2. Statistics on floats and format version (End of May 2023)

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

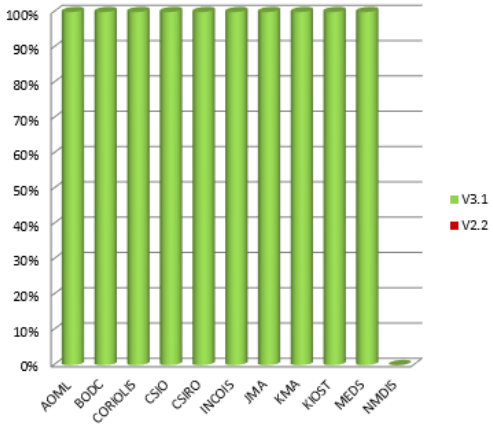


Plots showing format_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.

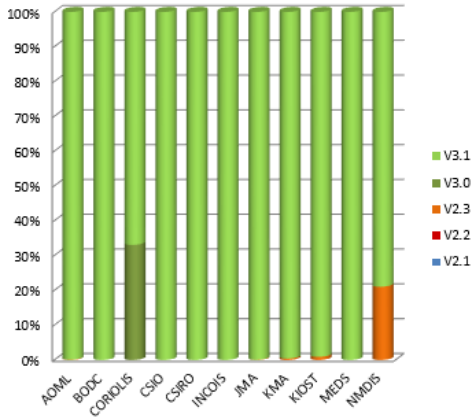
Metadata Files - Dead floats



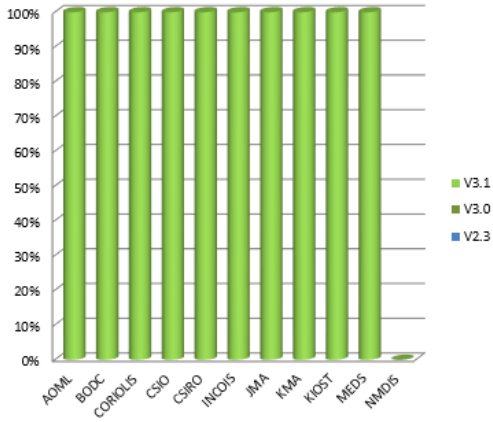
Metadata Files - Active floats



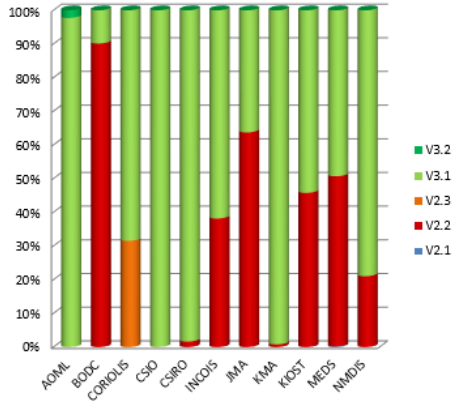
Technical Files - Dead floats



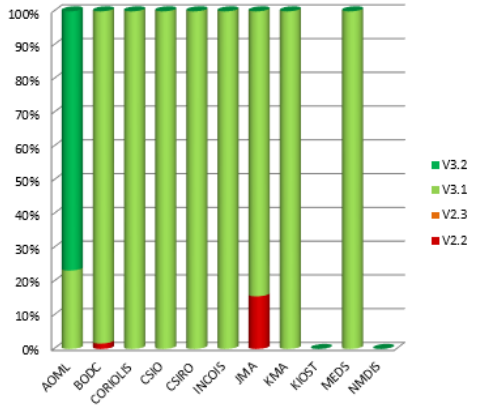
Technical Files - Active floats



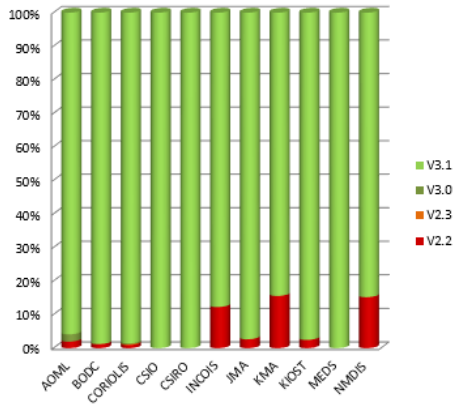
Trajectory Files - Dead floats



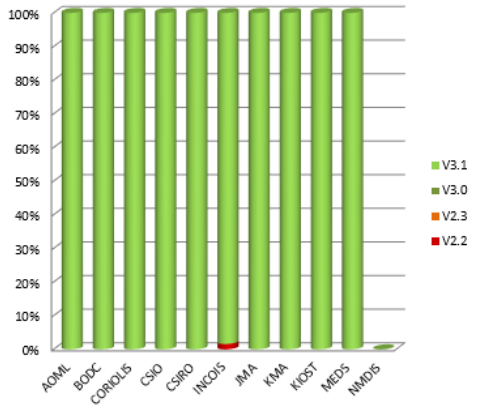
Trajectory Files - Active floats



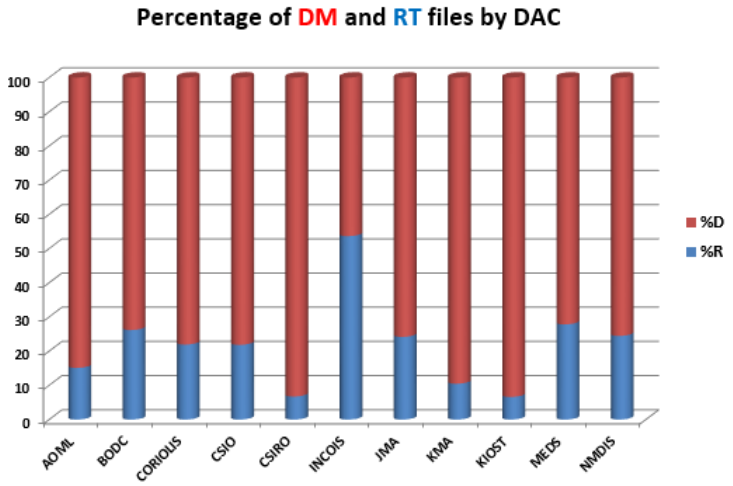
Profile files - Dead floats



Profile Files - Active floats



Delayed mode percentage by DAC

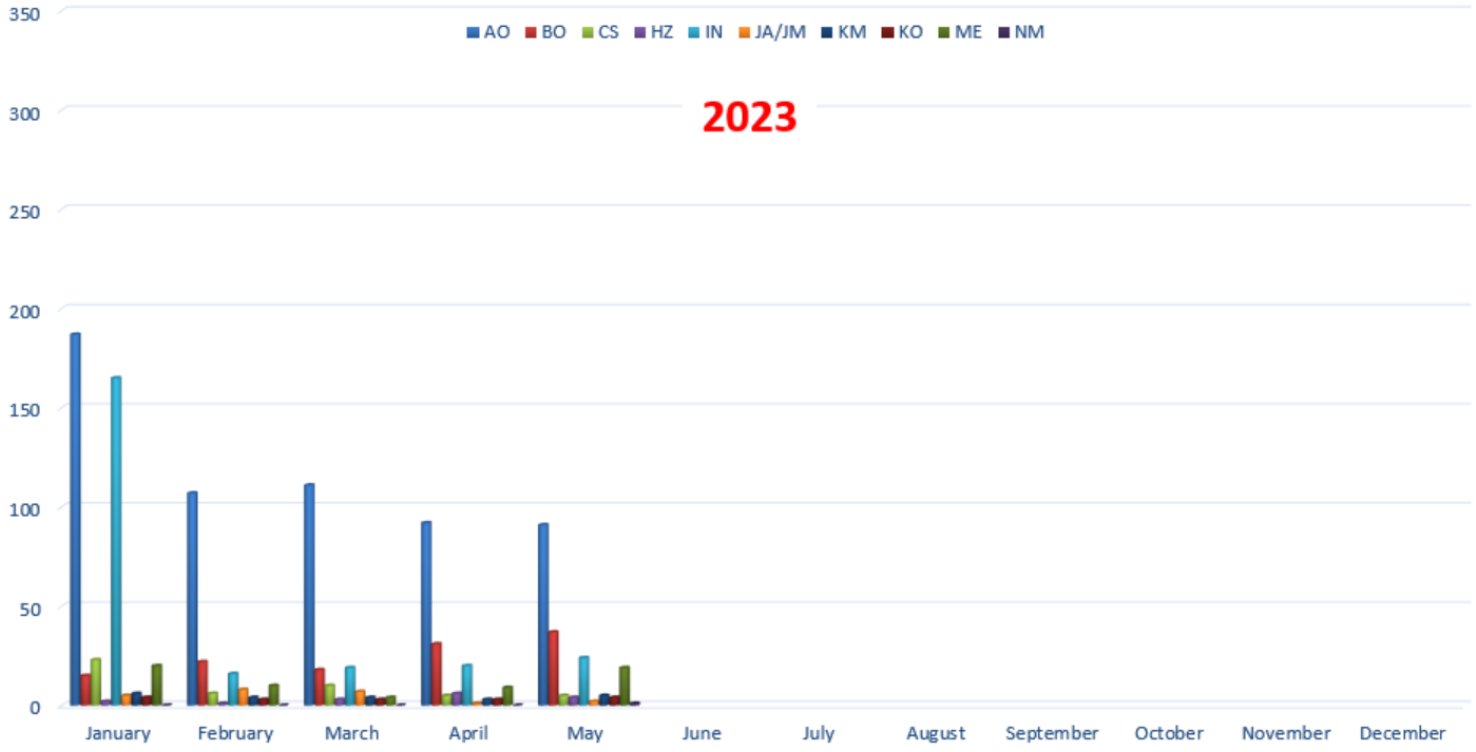


DACS	%R	%D
AOML	15,12	84,88
BODC	26,19	73,81
CORIOLIS	21,94	78,06
CSIO	21,85	78,15
CSIRO	6,74	93,26
INCOIS	53,65	46,35
JMA	24,19	75,81
KMA	10,49	89,51
KIOST	6,63	93,37
MEDS	27,85	72,15
NMDIS	24,47	75,53

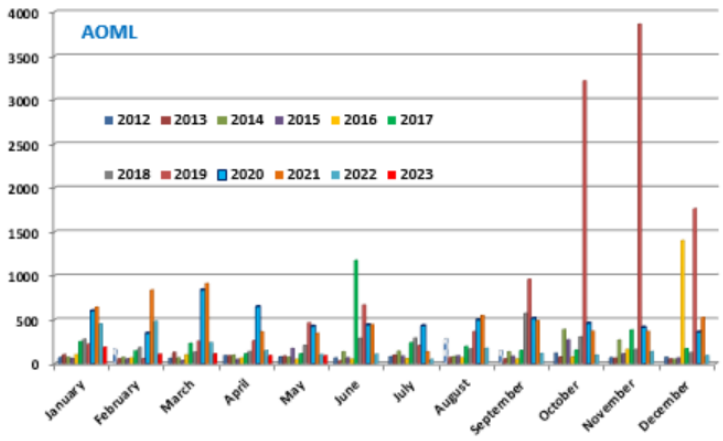
3. Statistics on Anomalies

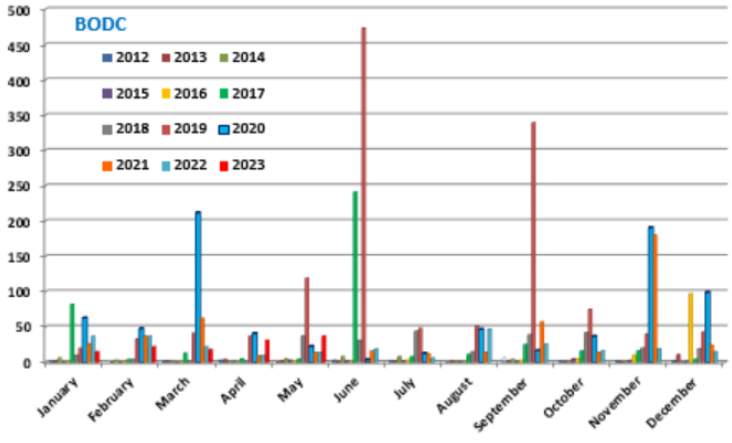
Plots showing evolution of number of anomalies by DAC.

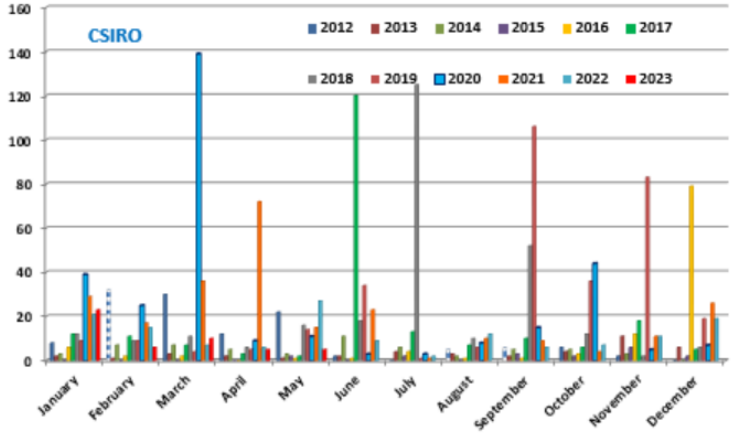
3.1. Year

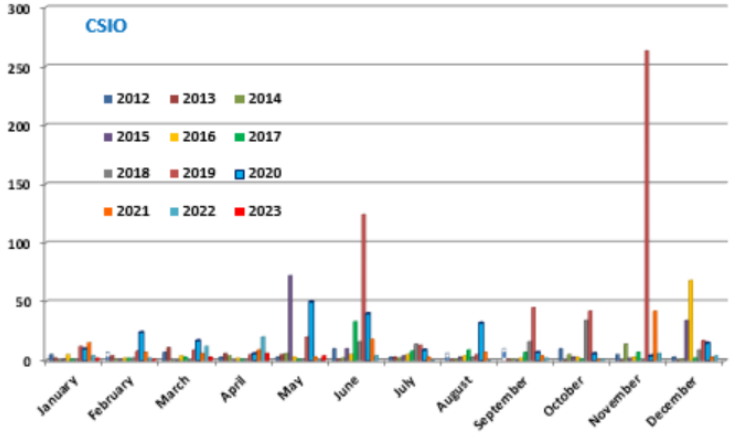


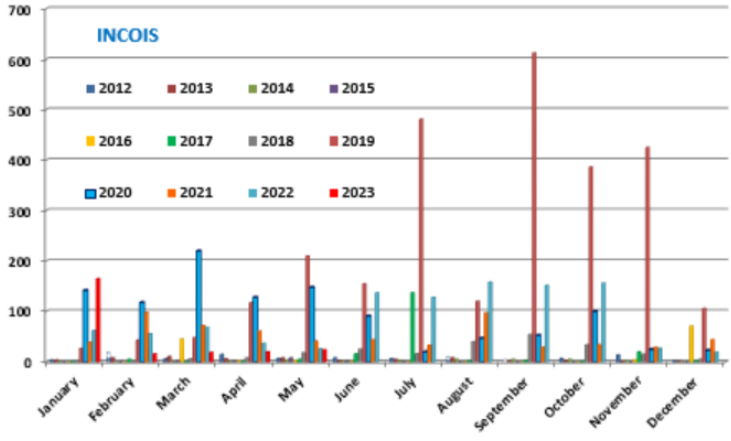
3.2. DAC

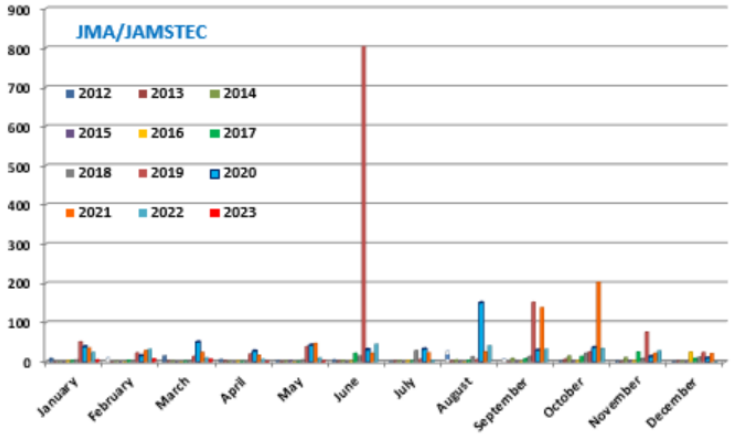

AOML
2012 2013 2014 2015 2016 2017
2018 2019 2020 2021 2022 2023
January February March April May June July August September October November December

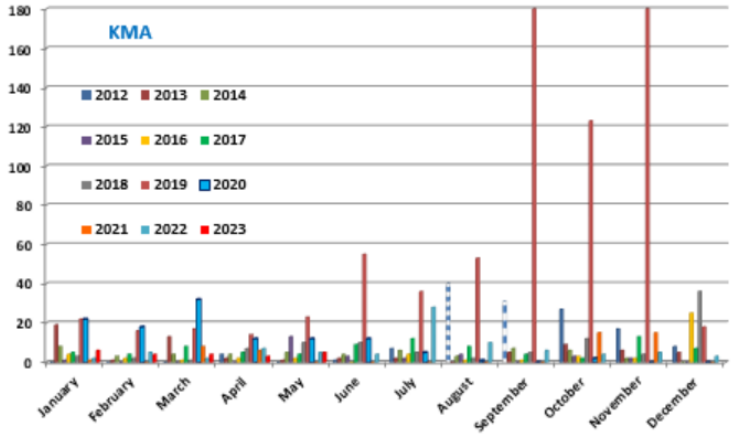

BODC
2012 2013 2014
2015 2016 2017
2018 2019 2020
2021 2022 2023
January February March April May June July August September October November December

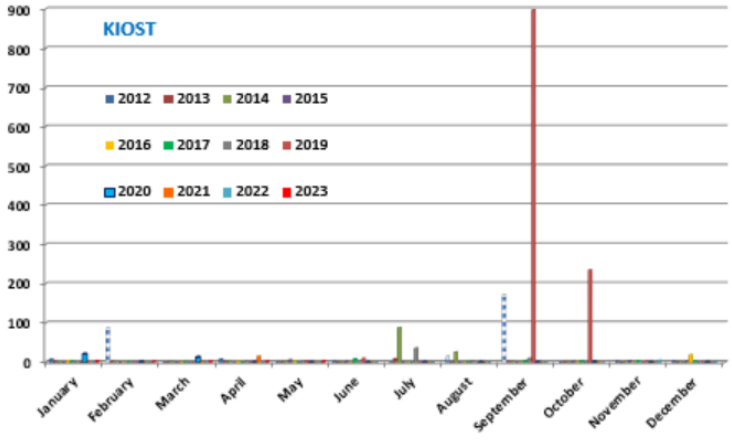

CSIRO
2012 2013 2014 2015 2016 2017
2018 2019 2020 2021 2022 2023
January February March April May June July August September October November December

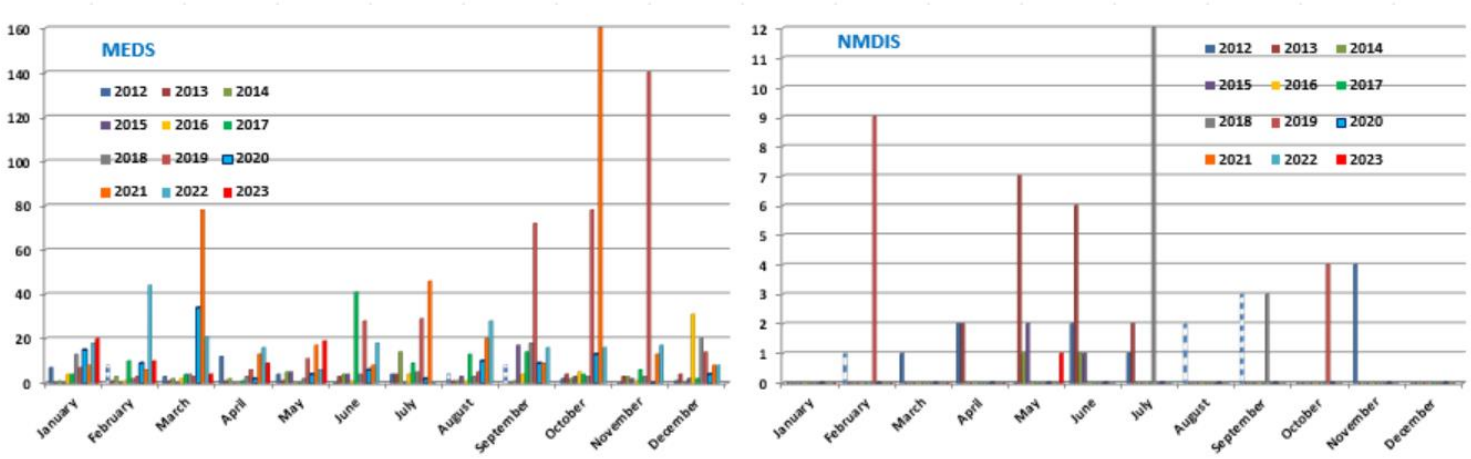

CSIO
2012 2013 2014
2015 2016 2017
2018 2019 2020
2021 2022 2023
January February March April May June July August September October November December


INCOIS
2012 2013 2014 2015
2016 2017 2018 2019
2020 2021 2022 2023
January February March April May June July August September October November December

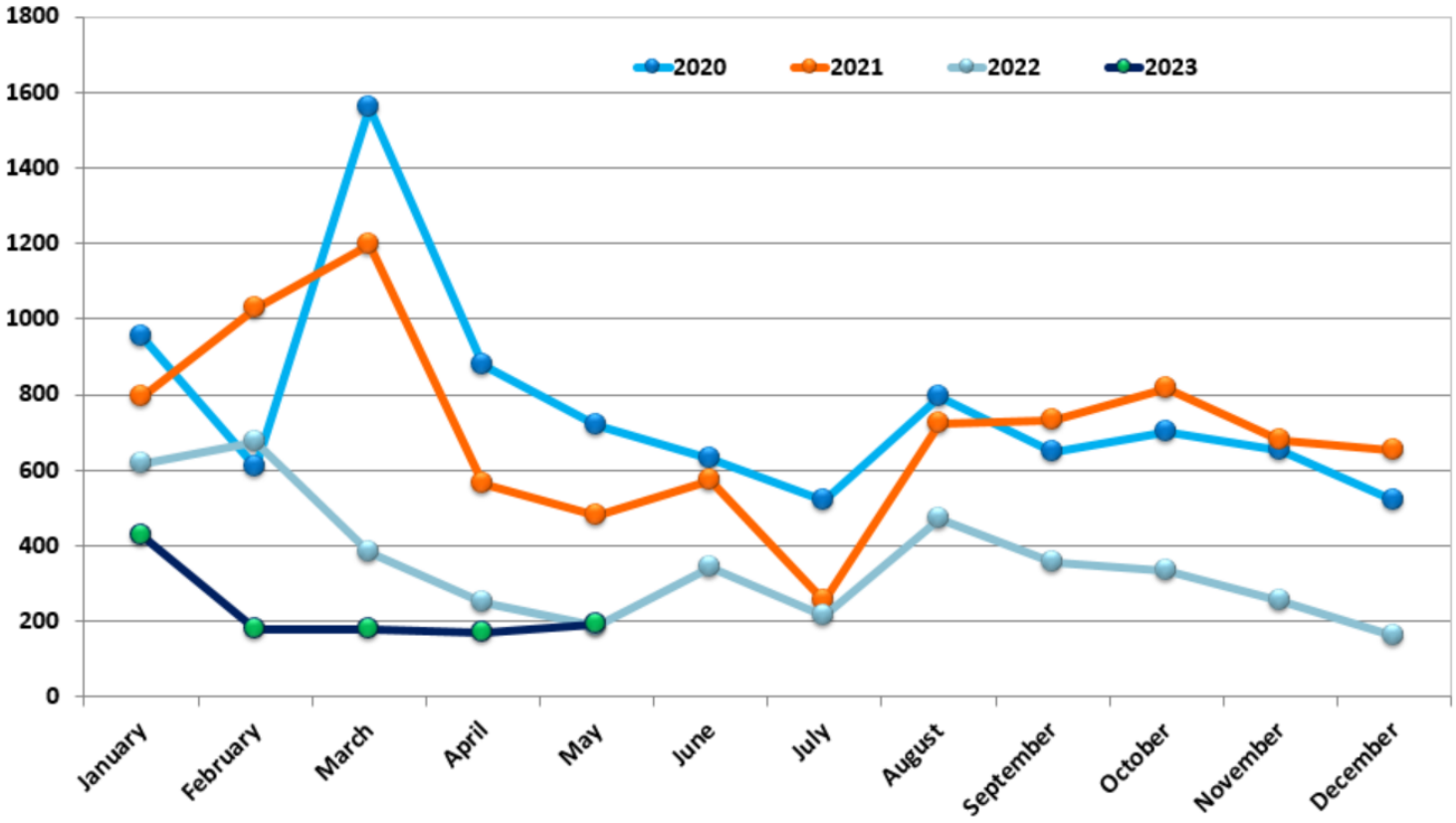

JMA/JAMSTEC
2012 2013 2014
2015 2016 2017
2018 2019 2020
2021 2022 2023
January February March April May June July August September October November December


KMA
2012 2013 2014
2015 2016 2017
2018 2019 2020
2021 2022 2023
January February March April May June July August September October November December


KIOST
2012 2013 2014 2015
2016 2017 2018 2019
2020 2021 2022 2023
January February March April May June July August September October November December



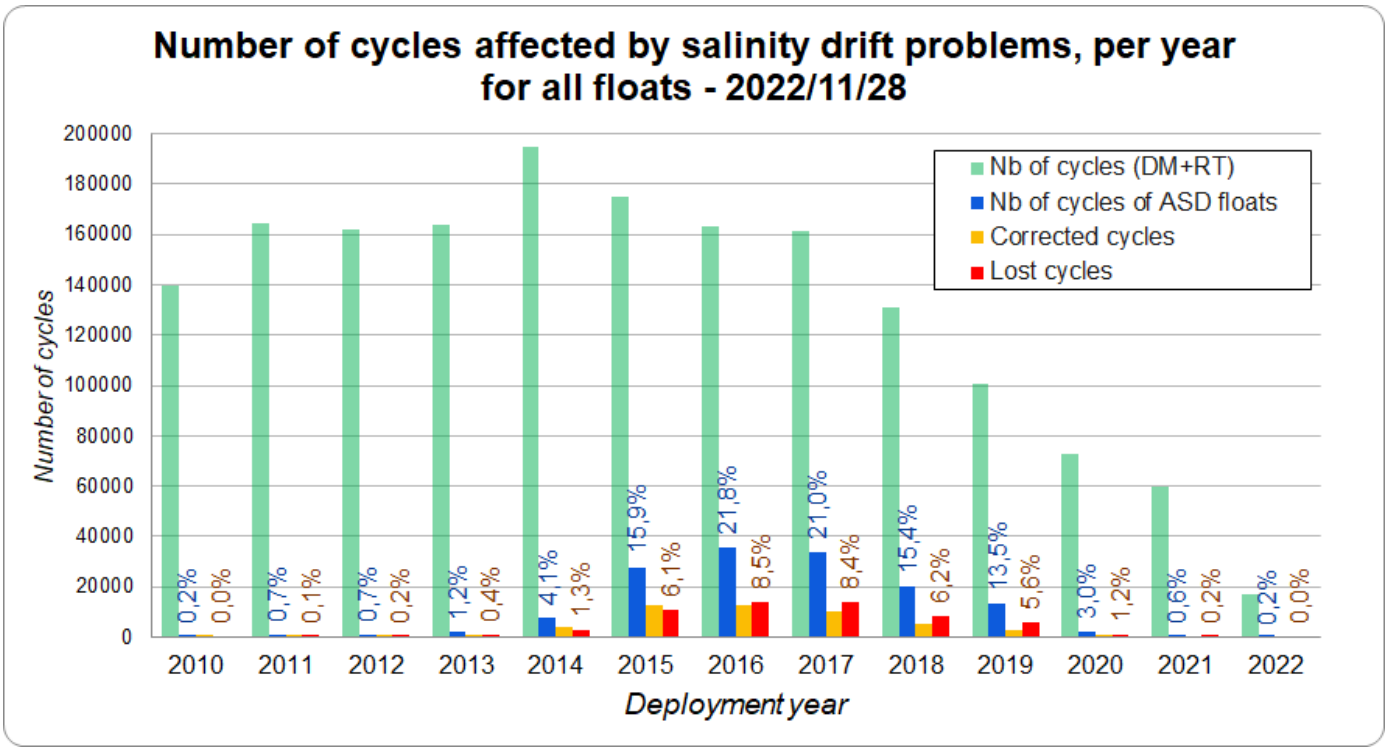
3.3. Anomalies by year, by month



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 :

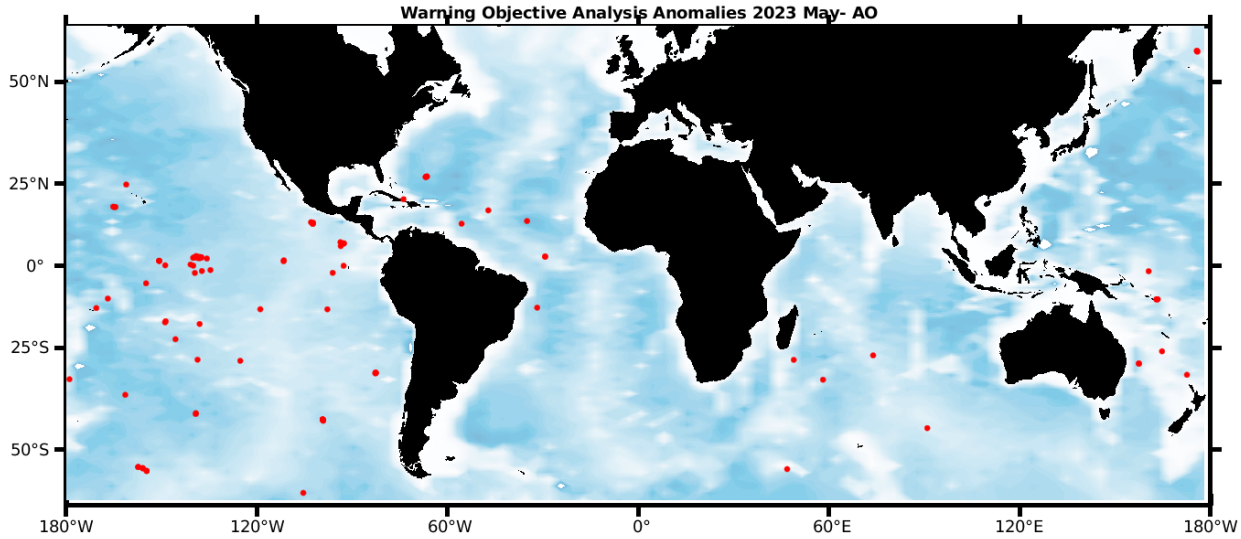
https://docs.google.com/spreadsheets/d/1TA7SAnTiUvCK7AyGtSTUq3gu9QFbVdONj9M9zAq8CJU/edit#gid=1096144849

5. DAC Anomalies

5.1. DAC AOML

Profiles detected by the objective analysis: 91 profiles (54 floats but floats can have several cycles with anomalies)

Data_mode =’R’	Data_mode =’A’	Data_mode =’D’
21 cycles	66 cycles	4 cycles



Status of corrections: **Done.**

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

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

- ***Float 5906250 Data_mode =’D’ problem on position interpolation***

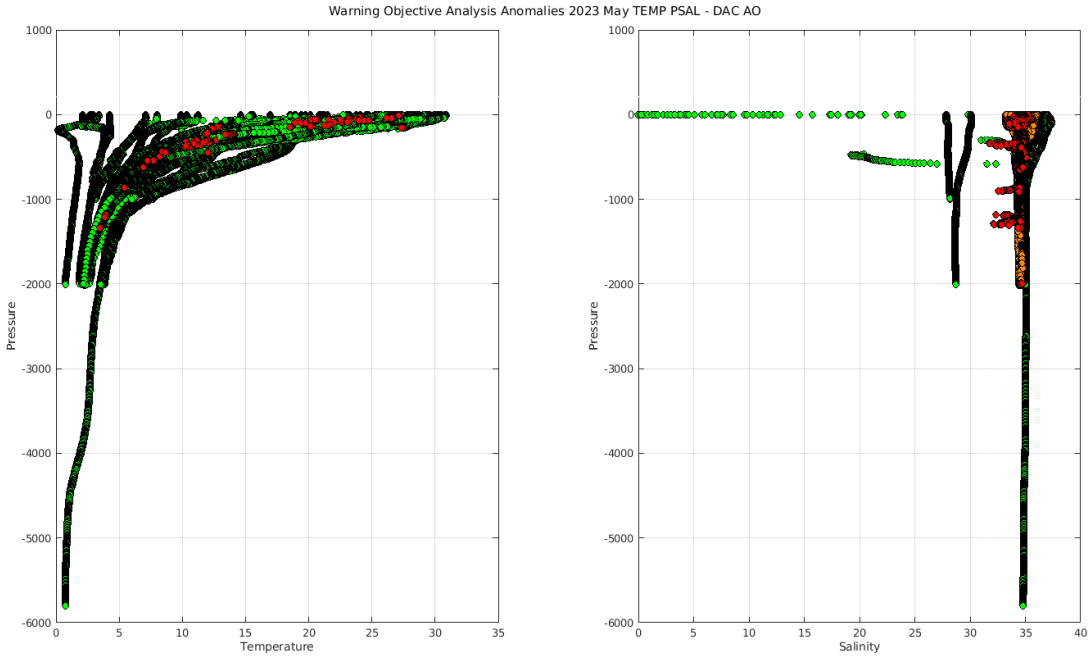
Files data_mode=’R’ / ‘A’

Float : 1901701 - Cycle : 349 - PI : BRECK OWENS, STEVE JAYNE, AND P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7204 - Date : 2023 5 15
Float : 1901810 - Cycle : 269 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7321 - Date : 2023 5 6
Float : 1901810 - Cycle : 270 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7321 - Date : 2023 5 16
Float : 1901810 - Cycle : 271 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7321 - Date : 2023 5 26
Float : 1902292 - Cycle : 80 - PI : WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7574 - Date : 2023 3 24
Float : 3901198 - Cycle : 291 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0477 - Date : 2023 5 27
Float : 3901284 - Cycle : 228 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0713 - Date : 2023 4 30
Float : 3901284 - Cycle : 229 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0713 - Date : 2023 5 10
Float : 3901284 - Cycle : 230 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0713 - Date : 2023 5 20
Float : 3901284 - Cycle : 231 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0713 - Date : 2023 5 30
Float : 3901295 - Cycle : 231 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0738 - Date : 2023 5 2
Float : 3901295 - Cycle : 232 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0738 - Date : 2023 5 12
Float : 3901295 - Cycle : 233 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0738 - Date : 2023 5 22
Float : 3902150 - Cycle : 155 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO_D_MRV - WMO inst type : 874 - FLOAT SERIAL : 12015 - Date : 2023 4 16
Float : 3902150 - Cycle : 156 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO_D_MRV - WMO inst type : 874 - FLOAT SERIAL : 12015 - Date : 2023 4 26
Float : 3902150 - Cycle : 157 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO_D_MRV - WMO inst type : 874 - FLOAT SERIAL : 12015 - Date : 2023 5 6
Float : 3902150 - Cycle : 158 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO_D_MRV - WMO inst type : 874 - FLOAT SERIAL : 12015 - Date : 2023 5 16
Float : 3902196 - Cycle : 19 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3138 - Date : 2023 5 18
Float : 3902235 - Cycle : 89 - PI : WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7578 - Date : 2022 1 15
Float : 3902272 - Cycle : 106 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1182 - Date : 2023 5 19
Float : 3902288 - Cycle : 18 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3146 - Date : 2023 5 14
Float : 3902297 - Cycle : 12 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3201 - Date : 2023 5 10
Float : 3902297 - Cycle : 14 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3201 - Date : 2023 5 30
Float : 3902298 - Cycle : 12 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3202 - Date : 2023 5 11
Float : 3902324 - Cycle : 22 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO_D_MRV - WMO inst type : 874 - FLOAT SERIAL : 12058 - Date : 2023 4 10
Float : 3902366 - Cycle : 3 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9302 - Date : 2023 3 2
Float : 3902368 - Cycle : 1 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9272 - Date : 2023 2 5
Float : 3902368 - Cycle : 2 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9272 - Date : 2023 2 15

Float : 3902368 - Cycle : 3 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9272 - Date : 2023 2 26
Float : 3902368 - Cycle : 4 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9272 - Date : 2023 3 8
Float : 3902368 - Cycle : 5 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9272 - Date : 2023 3 18
Float : 3902368 - Cycle : 6 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9272 - Date : 2023 3 28
Float : 3902368 - Cycle : 7 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9272 - Date : 2023 4 7
Float : 3902368 - Cycle : 8 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9272 - Date : 2023 4 18
Float : 3902368 - Cycle : 9 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9272 - Date : 2023 4 28
Float : 3902368 - Cycle : 10 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9272 - Date : 2023 5 8
Float : 3902368 - Cycle : 11 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9272 - Date : 2023 5 18
Float : 3902370 - Cycle : 1 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9300 - Date : 2023 2 8
Float : 3902370 - Cycle : 2 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9300 - Date : 2023 2 19
Float : 3902375 - Cycle : 3 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1457 - Date : 2023 4 1
Float : 3902375 - Cycle : 6 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1457 - Date : 2023 5 1
Float : 3902375 - Cycle : 7 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1457 - Date : 2023 5 11
Float : 3902375 - Cycle : 8 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1457 - Date : 2023 5 21
Float : 4902079 - Cycle : 293 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0461 - Date : 2023 5 6
Float : 4902079 - Cycle : 294 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0461 - Date : 2023 5 16
Float : 4902079 - Cycle : 295 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0461 - Date : 2023 5 26
Float : 4902937 - Cycle : 215 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0779 - Date : 2023 5 1
Float : 4902937 - Cycle : 216 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0779 - Date : 2023 5 11
Float : 4902937 - Cycle : 217 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0779 - Date : 2023 5 21
Float : 4903224 - Cycle : 126 - PI : WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7494 - Date : 2023 5 7
Float : 4903320 - Cycle : 113 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1161 - Date : 2023 5 15
Float : 4903330 - Cycle : 84 - PI : WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7552 - Date : 2023 3 29
Float : 4903334 - Cycle : 82 - PI : WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7593 - Date : 2023 3 31
Float : 4903479 - Cycle : 21 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7718 - Date : 2023 5 9
Float : 5902425 - Cycle : 316 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8412 - Date : 2023 5 6
Float : 5904576 - Cycle : 300 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0447 - Date : 2023 5 18
Float : 5904578 - Cycle : 299 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0449 - Date : 2023 5 19
Float : 5904585 - Cycle : 294 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0456 - Date : 2023 5 3
Float : 5904585 - Cycle : 295 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0456 - Date : 2023 5 13
Float : 5904585 - Cycle : 296 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0456 - Date : 2023 5 23
Float : 5905236 - Cycle : 227 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8527 - Date : 2023 5 21
Float : 5905236 - Cycle : 228 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8527 - Date : 2023 5 22
Float : 5905297 - Cycle : 171 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0771 - Date : 2023 5 16
Float : 5905314 - Cycle : 174 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0862 - Date : 2023 5 6
Float : 5905654 - Cycle : 175 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8240 - Date : 2023 5 15
Float : 5905712 - Cycle : 175 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8697 - Date : 2023 5 19
Float : 5905724 - Cycle : 173 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8709 - Date : 2023 5 5
Float : 5905724 - Cycle : 174 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8709 - Date : 2023 5 15
Float : 5905724 - Cycle : 175 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8709 - Date : 2023 5 25
Float : 5905781 - Cycle : 162 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8749 - Date : 2023 4 30
Float : 5906120 - Cycle : 129 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8809 - Date : 2023 5 6
Float : 5906134 - Cycle : 125 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8806 - Date : 2023 5 5
Float : 5906137 - Cycle : 124 - PI : PHIL SUTTON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8852 - Date : 2023 5 6
Float : 5906160 - Cycle : 84 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1046 - Date : 2023 5 9
Float : 5906160 - Cycle : 86 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1046 - Date : 2023 5 29
Float : 5906163 - Cycle : 131 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1129 - Date : 2023 5 18
Float : 5906275 - Cycle : 99 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8376 - Date : 2023 4 28
Float : 5906421 - Cycle : 73 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8922 - Date : 2023 5 28
Float : 5906538 - Cycle : 18 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1449 - Date : 2023 5 14
Float : 5906778 - Cycle : 16 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3129 - Date : 2023 4 9
Float : 5906778 - Cycle : 18 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3129 - Date : 2023 4 29
Float : 5906824 - Cycle : 12 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1406 - Date : 2023 1 18
Float : 5906827 - Cycle : 6 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1409 - Date : 2022 11 21
Float : 5906901 - Cycle : 15 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3163 - Date : 2023 3 17
Float : 5906901 - Cycle : 19 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3163 - Date : 2023 4 25
Float : 5906921 - Cycle : 0 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3191 - Date : 2023 5 30
Float : 7900837 - Cycle : 1 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9387 - Date : 2022 12 4

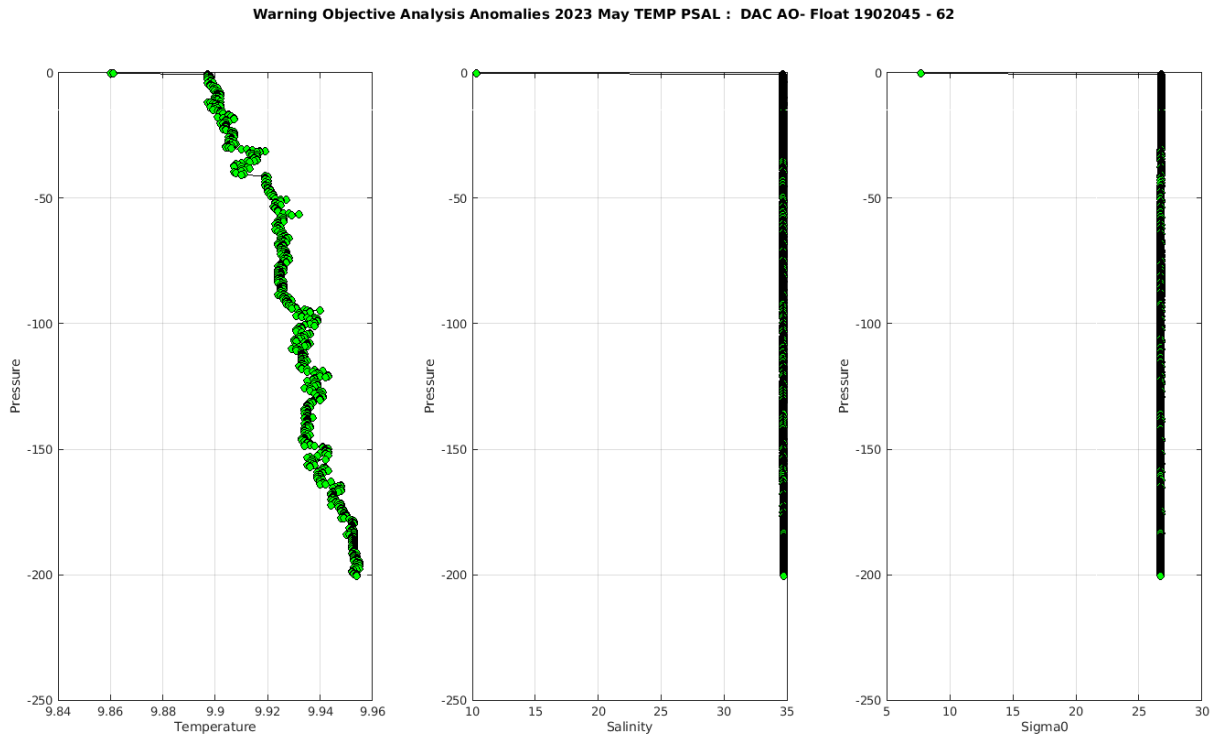
Files data_mode='D' [in red corrections concern only raw data, all of the adjusted data is qc='4'. These files are pretty old and the old standard was to leave the raw qc values as designated during real time processing and just modify the adjusted flags during DMQC]

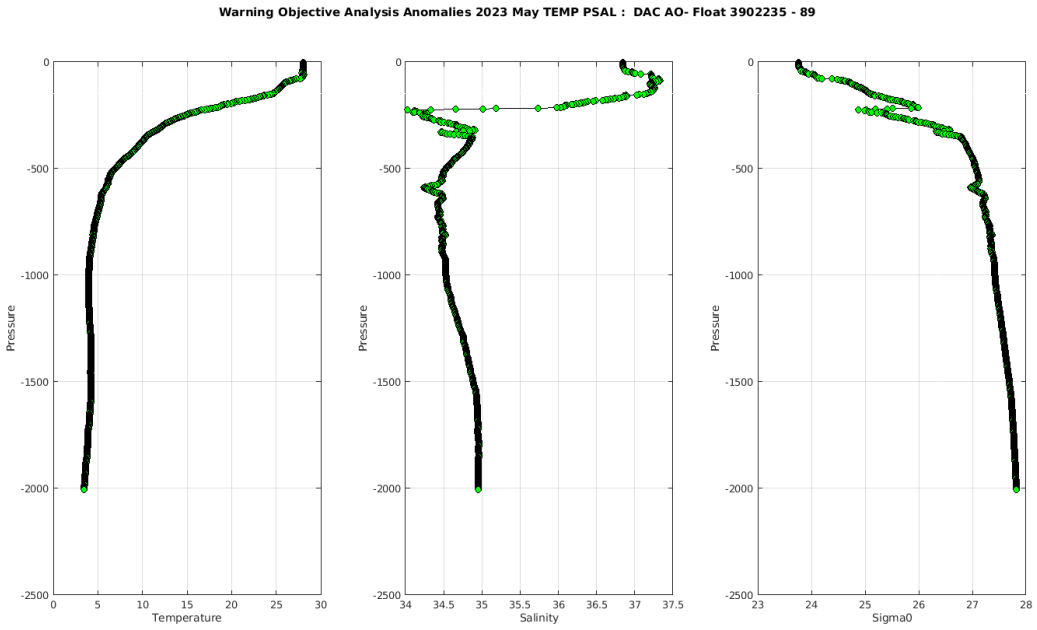
Float : 1902045 - Cycle : 62 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8732 - Date : 2020 9 11
Float : 4902343 - Cycle : 255 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7361 - Date : 2023 4 27
Float : 4902343 - Cycle : 256 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7361 - Date : 2023 5 7
Float : 4903051 - Cycle : 155 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7498 - Date : 2023 5 2

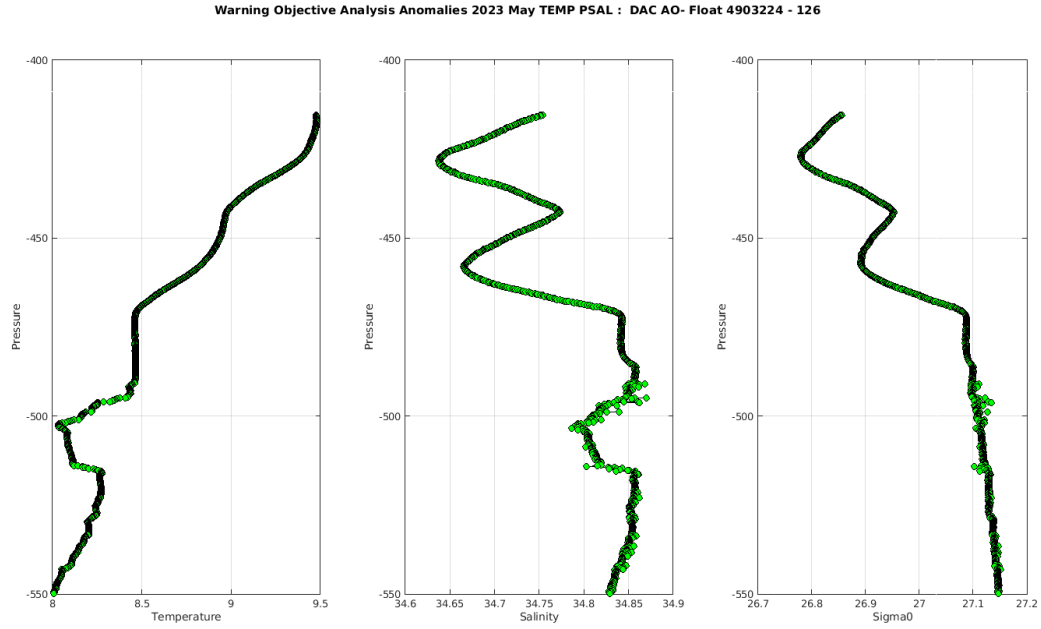


The list of the anomalies can be found at https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/aoml/

Example of anomalies:







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

- Error on practical salinity adjusted error :

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

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

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

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

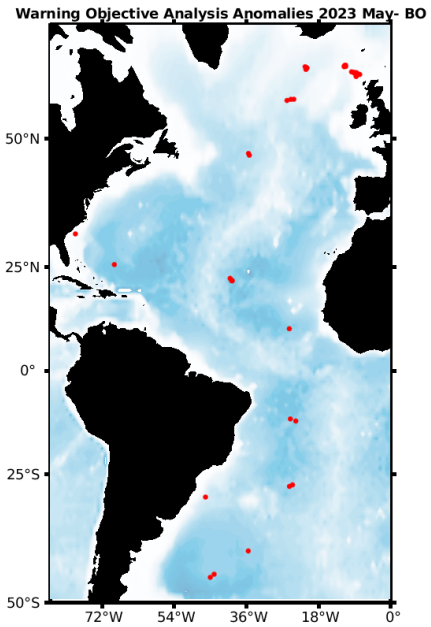
PI_name = CARL SZCZECHOWSKI - **Float 6900376 cycle 44 to cycle 92 – cycle 98 to 128 – cycle 131 to 135**

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

5.2. DAC BODC

Profiles detected by the objective analysis: 37 profiles (13 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
5 cycles	32 cycles	0 cycle



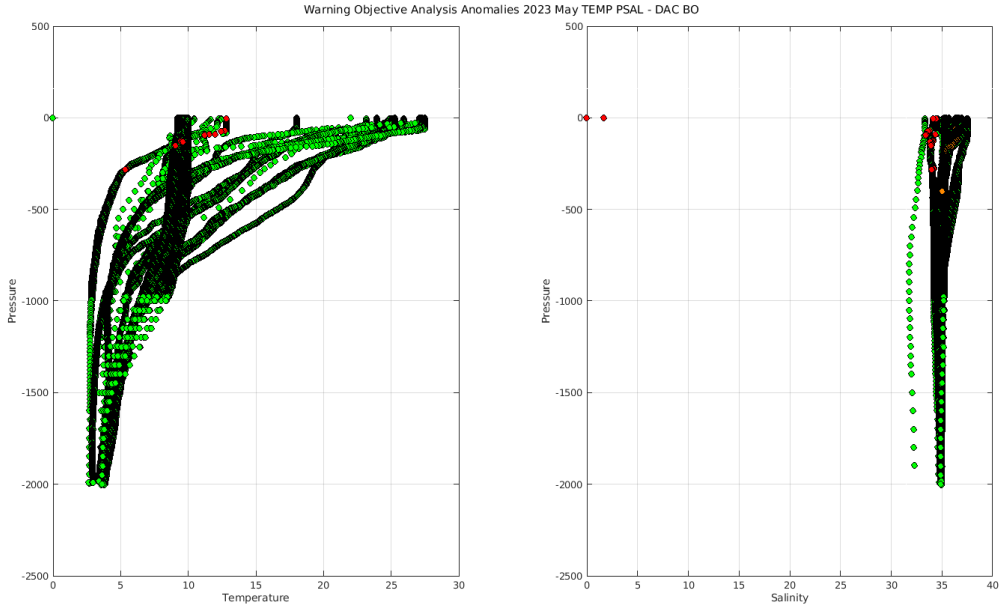
Status of corrections: **Correction in progress, regular feedback.**

Files data_mode='R' / 'A'

Float : 3901522 - Cycle : 275 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7349 - Date : 2023 4 28
Float : 3901563 - Cycle : 91 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8977 - Date : 2023 5 21
Float : 3901563 - Cycle : 92 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8977 - Date : 2023 5 30
Float : 3901571 - Cycle : 37 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9200 - Date : 2023 4 25
Float : 3901578 - Cycle : 1 - PI : Nathan Briggs - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P44043-22UK003 - Date : 2023 3 17
Float : 5906966 - Cycle : 27 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9190 - Date : 2023 5 1
Float : 6901178 - Cycle : 288 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7209 - Date : 2023 5 4
Float : 6901178 - Cycle : 289 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7209 - Date : 2023 5 14
Float : 6901921 - Cycle : 325 - PI : Diarmuid O'Conchubhair - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7243 - Date : 2023 4 29
Float : 6901921 - Cycle : 326 - PI : Diarmuid O'Conchubhair - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7243 - Date : 2023 5 7
Float : 6901921 - Cycle : 328 - PI : Diarmuid O'Conchubhair - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7243 - Date : 2023 5 23
Float : 6903727 - Cycle : 123 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2023 5 12
Float : 6903753 - Cycle : 91 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2023 4 27
Float : 6903753 - Cycle : 92 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2023 5 7
Float : 6903753 - Cycle : 93 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2023 5 16
Float : 6903753 - Cycle : 94 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2023 5 26
Float : 6904187 - Cycle : 1 - PI : Nathan Briggs - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P44043-21UK006 - Date : 2023 3 5
Float : 6904187 - Cycle : 13 - PI : Nathan Briggs - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P44043-21UK006 - Date : 2023 4 19
Float : 6904188 - Cycle : 1 - PI : Nathan Briggs - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P44043-21UK007 - Date : 2023 3 10
Float : 6904188 - Cycle : 20 - PI : Nathan Briggs - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P44043-21UK007 - Date : 2023 5 29
Float : 6904191 - Cycle : 47 - PI : Jon Turton - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1101 - Date : 2023 4 30
Float : 6904191 - Cycle : 48 - PI : Jon Turton - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1101 - Date : 2023 5 9
Float : 6904191 - Cycle : 49 - PI : Jon Turton - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1101 - Date : 2023 5 19
Float : 6904191 - Cycle : 50 - PI : Jon Turton - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1101 - Date : 2023 5 28
Float : 6904192 - Cycle : 42 - PI : Jon Turton - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1102 - Date : 2023 1 30
Float : 6904192 - Cycle : 43 - PI : Jon Turton - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1102 - Date : 2023 2 4
Float : 6904192 - Cycle : 44 - PI : Jon Turton - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1102 - Date : 2023 2 9
Float : 6904192 - Cycle : 46 - PI : Jon Turton - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1102 - Date : 2023 2 18

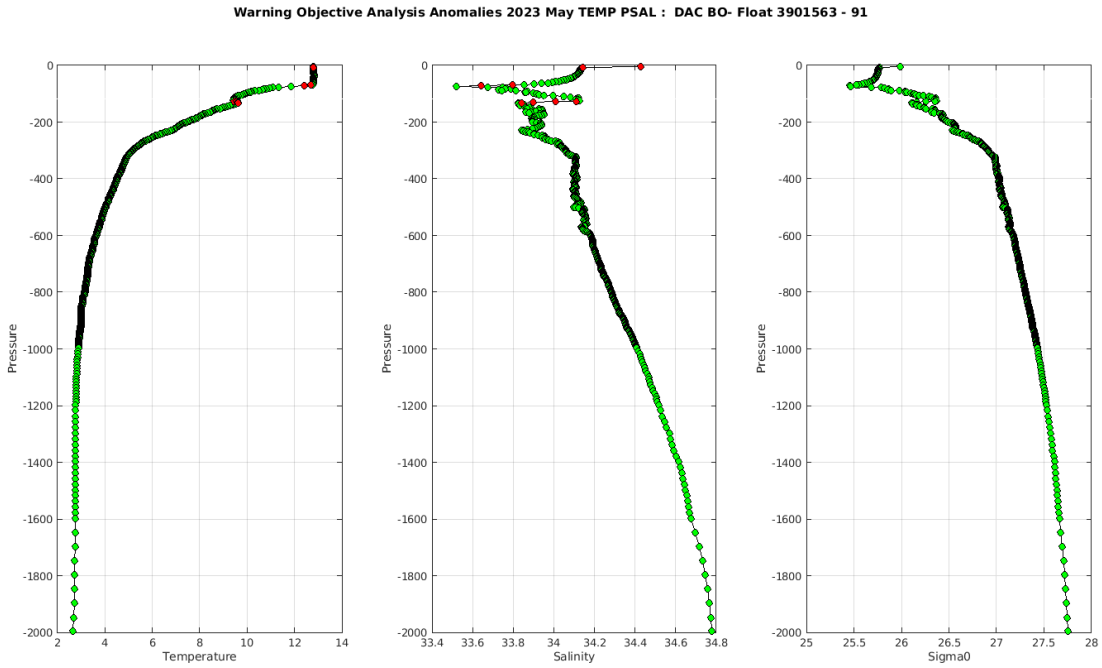
Float : 6904192 - Cycle : 47 - PI : Jon Turton - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1102 - Date : 2023 2 28
Float : 6904192 - Cycle : 48 - PI : Jon Turton - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1102 - Date : 2023 3 10
Float : 6904192 - Cycle : 49 - PI : Jon Turton - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1102 - Date : 2023 3 20
Float : 6904192 - Cycle : 50 - PI : Jon Turton - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1102 - Date : 2023 3 30
Float : 6904192 - Cycle : 51 - PI : Jon Turton - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1102 - Date : 2023 4 8
Float : 6904192 - Cycle : 53 - PI : Jon Turton - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1102 - Date : 2023 4 28
Float : 6904192 - Cycle : 54 - PI : Jon Turton - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1102 - Date : 2023 5 8
Float : 6904192 - Cycle : 55 - PI : Jon Turton - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1102 - Date : 2023 5 17
Float : 6904192 - Cycle : 56 - PI : Jon Turton - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1102 - Date : 2023 5 27

Files data_mode='D'

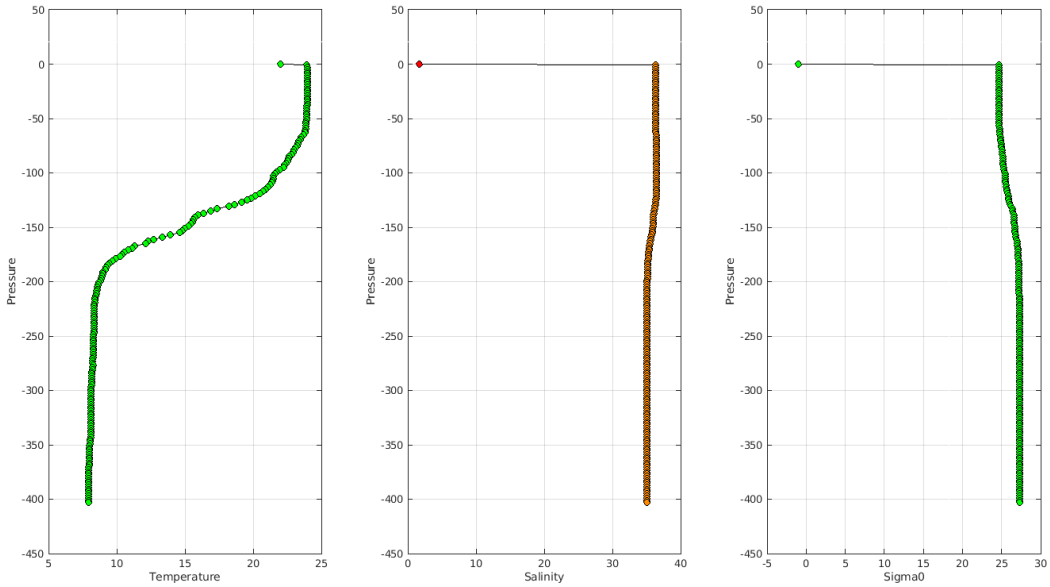


The list of the anomalies can be found at https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/bodc/

Example of anomalies:



Warning Objective Analysis Anomalies 2023 May TEMP PSAL : DAC BO- Float 5906966 - 27



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

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

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

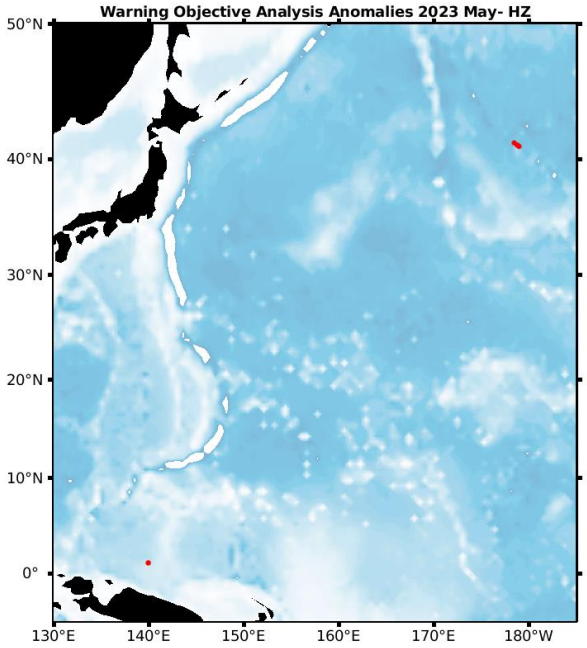
- Mix between RT and DM files: Float 6901181 ex below DM files till cycle 367 but a lot of old cycle in RT (1D, 2D, 3, 3D, 4, ….)

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

5.3. DAC CSIO

Profiles detected by the objective analysis: 4 profiles (2 floats but floats can have several cycles with anomalies)

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

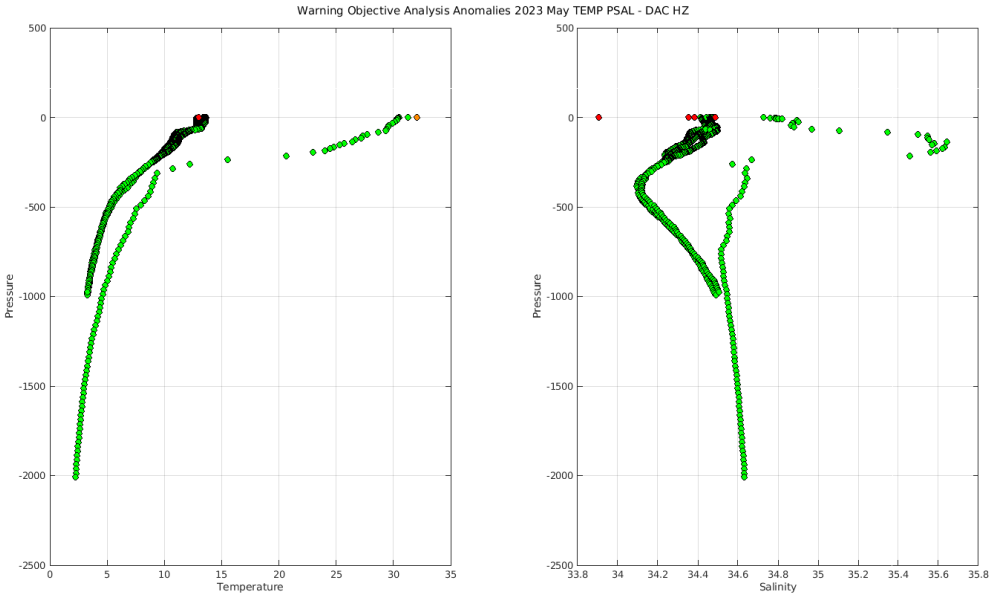


Status of corrections: **No regular feedback, corrections seem done. Feedback for DM profiles.**

Files data_mode='R' / 'A'

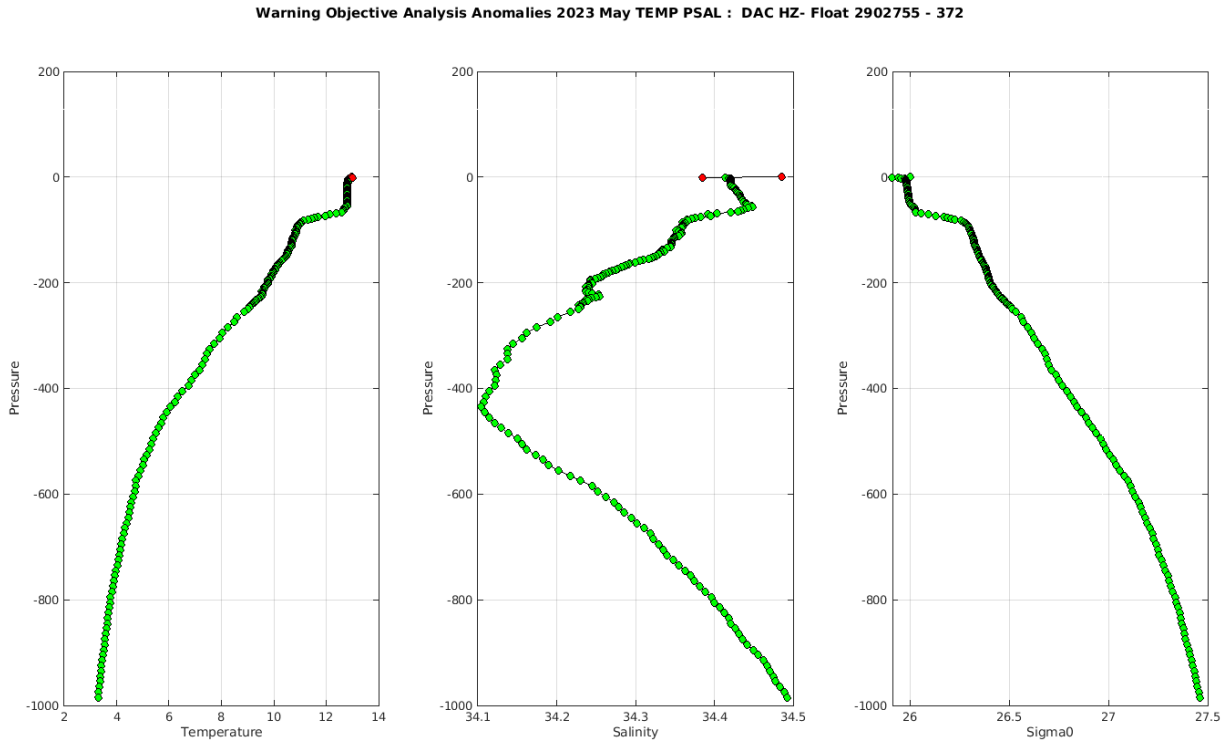
Float : 2902755 - Cycle : 372 - PI : FEI CHAI - Data mode : R - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P41308-17CH004 - Date : 2023 5 6
Float : 2902755 - Cycle : 373 - PI : FEI CHAI - Data mode : R - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P41308-17CH004 - Date : 2023 5 16
Float : 2902755 - Cycle : 374 - PI : FEI CHAI - Data mode : R - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P41308-17CH004 - Date : 2023 5 26
Float : 2902809 - Cycle : 121 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH006 - Date : 2023 4 28

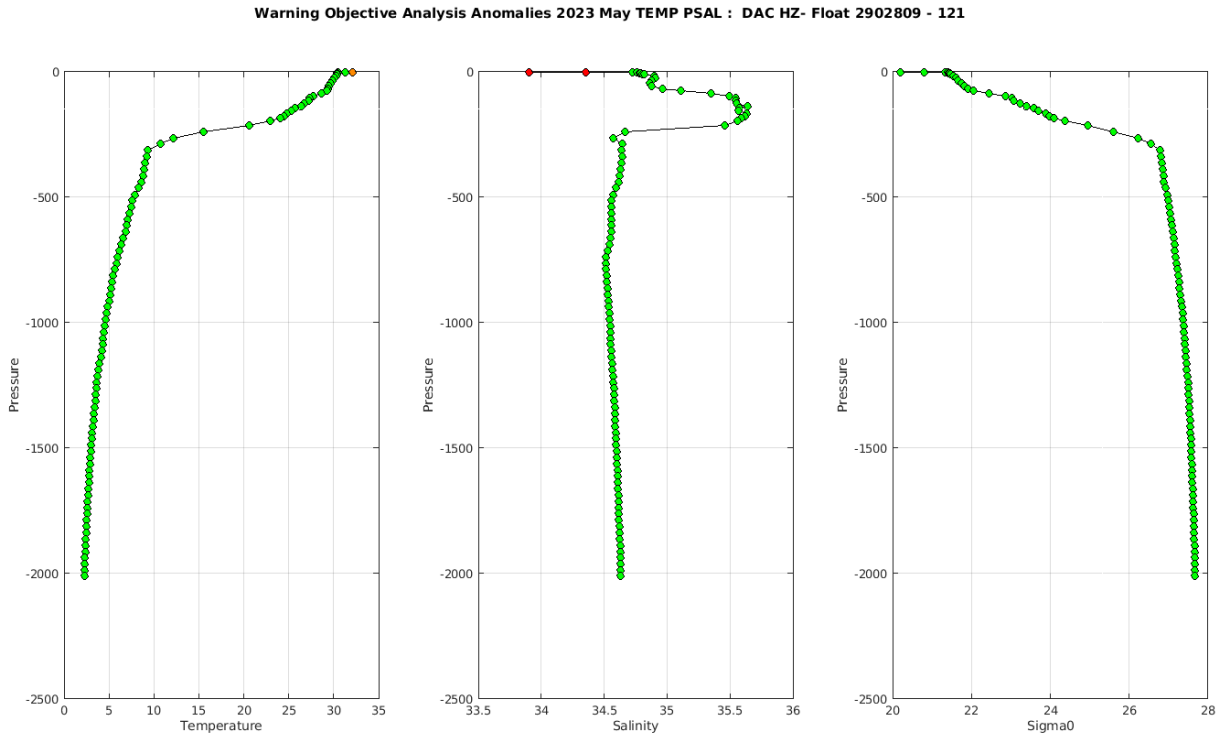
Files data_mode='D'



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

Example of anomalies:

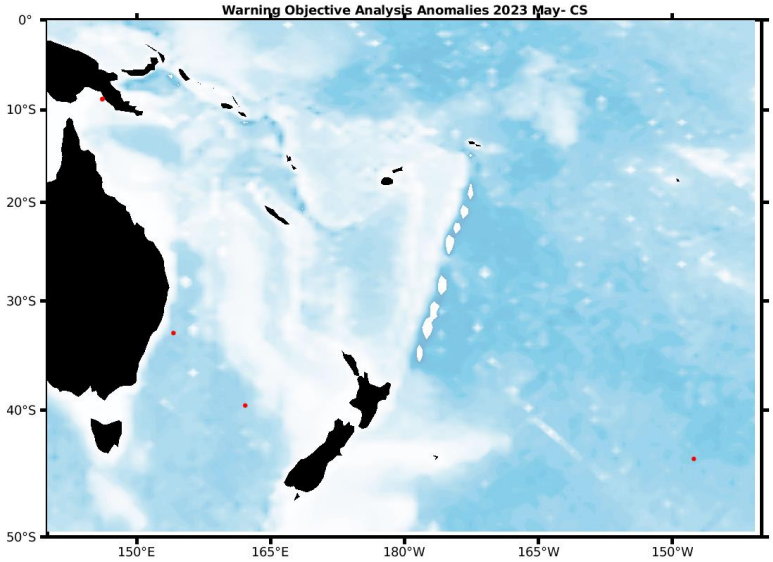




5.4. DAC CSIRO

Profiles detected by the objective analysis: 5 profiles (4 floats but floats can have several cycles with anomalies)

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

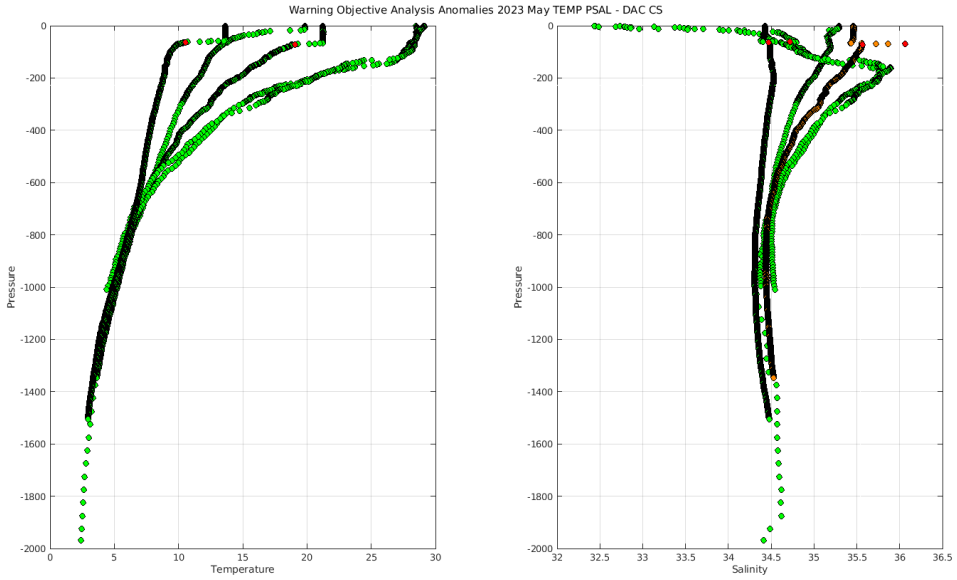


Status of corrections: Corrections done or in progress, regular feedback.

Files data_mode=’R’ / ‘A’

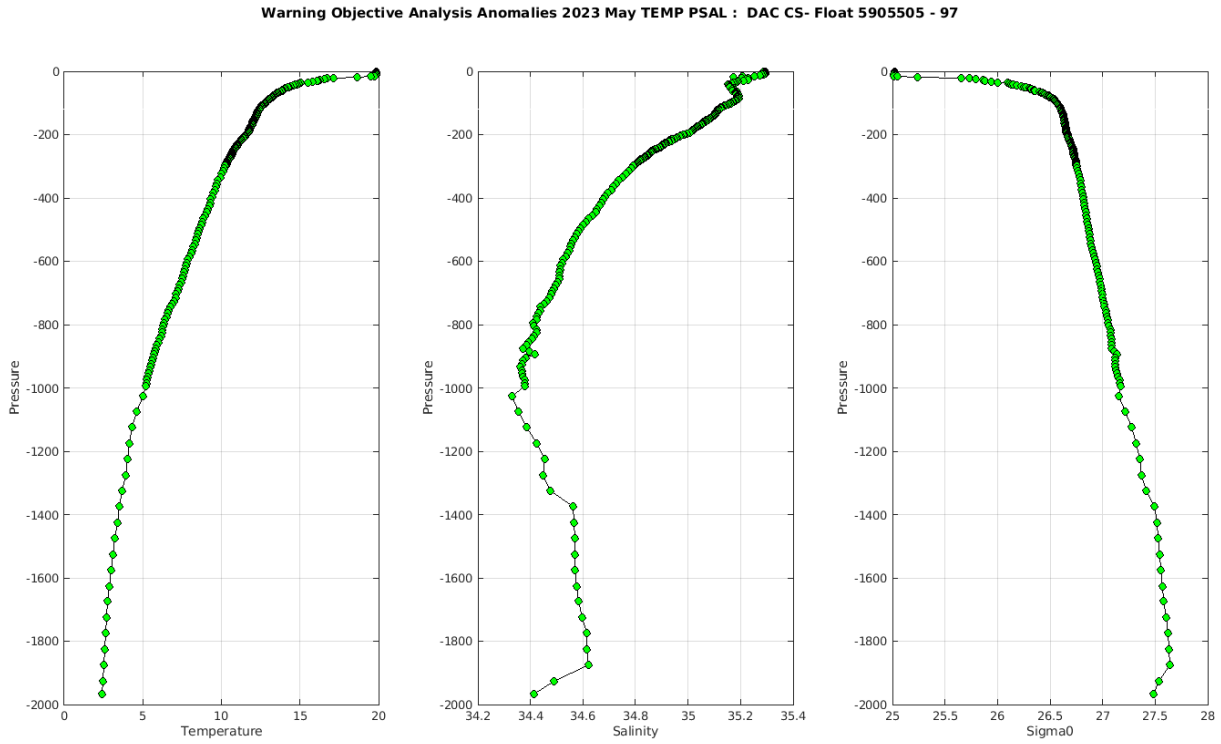
Float : 5905505 - Cycle : 97 - PI : Tom Trull - Data mode : A - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P44043-22AU002 - Date : 2023 1 21
Float : 5905515 - Cycle : 112 - PI : Peter Oke - Data mode : A - Platform type : ALTO - WMO inst type : 875 - FLOAT SERIAL : 11097 - Date : 2023 5 10
Float : 5905519 - Cycle : 67 - PI : Tom Trull - Data mode : A - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P44043-22AU003 - Date : 2023 5 13
Float : 5905519 - Cycle : 68 - PI : Tom Trull - Data mode : A - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P44043-22AU003 - Date : 2023 5 23
Float : 5905528 - Cycle : 16 - PI : Peter Oke - Data mode : A - Platform type : ALTO - WMO inst type : 875 - FLOAT SERIAL : 11504 - Date : 2023 5 3

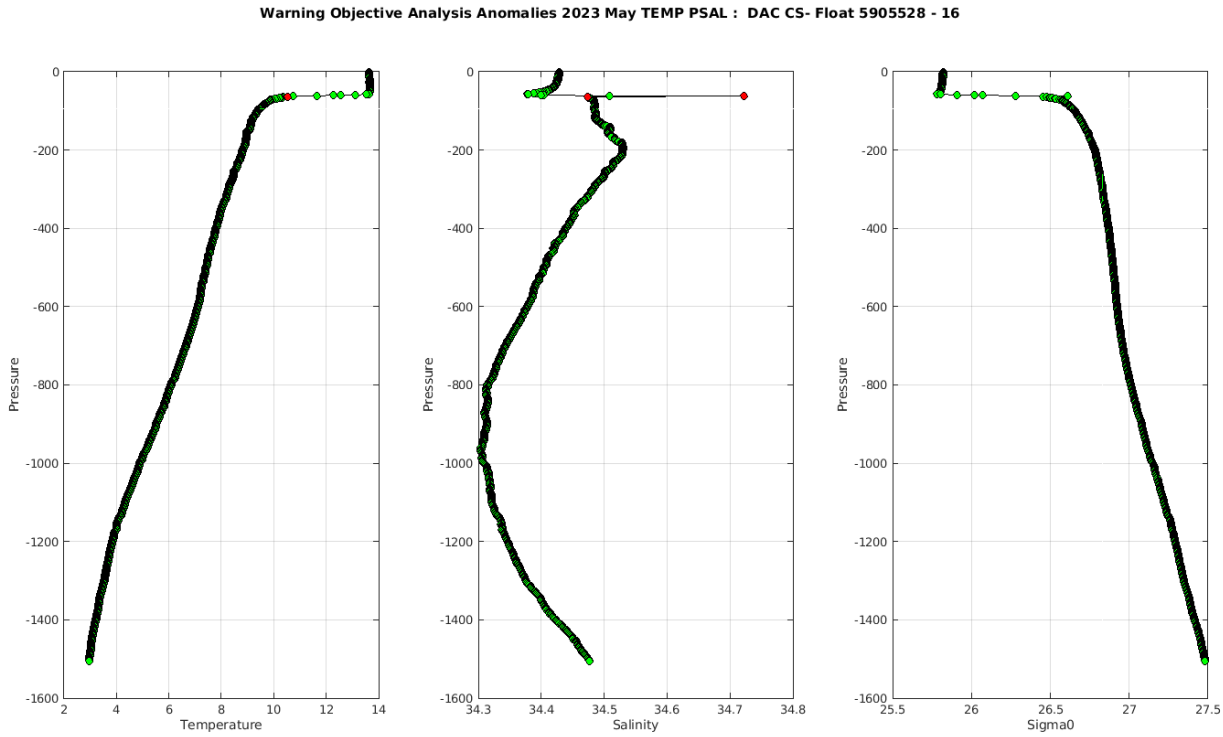
Files data_mode=’D’



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

Example of anomalies:

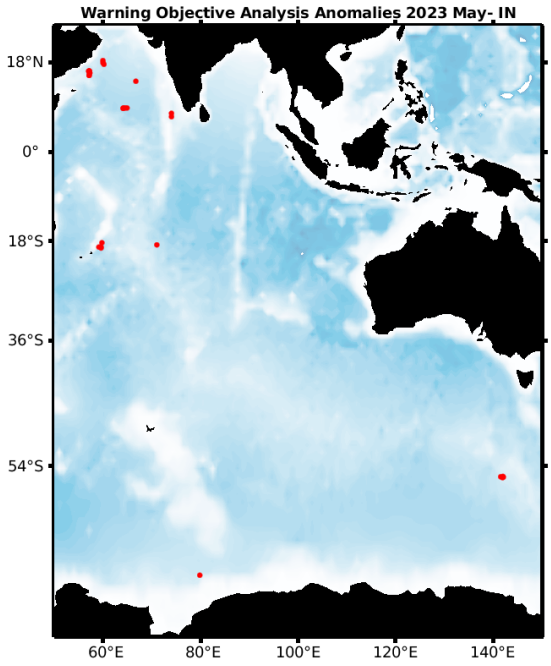




5.5. DAC INCOIS

Profiles detected by the objective analysis: 24 profiles (9 floats but floats can have several cycles with anomalies)

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

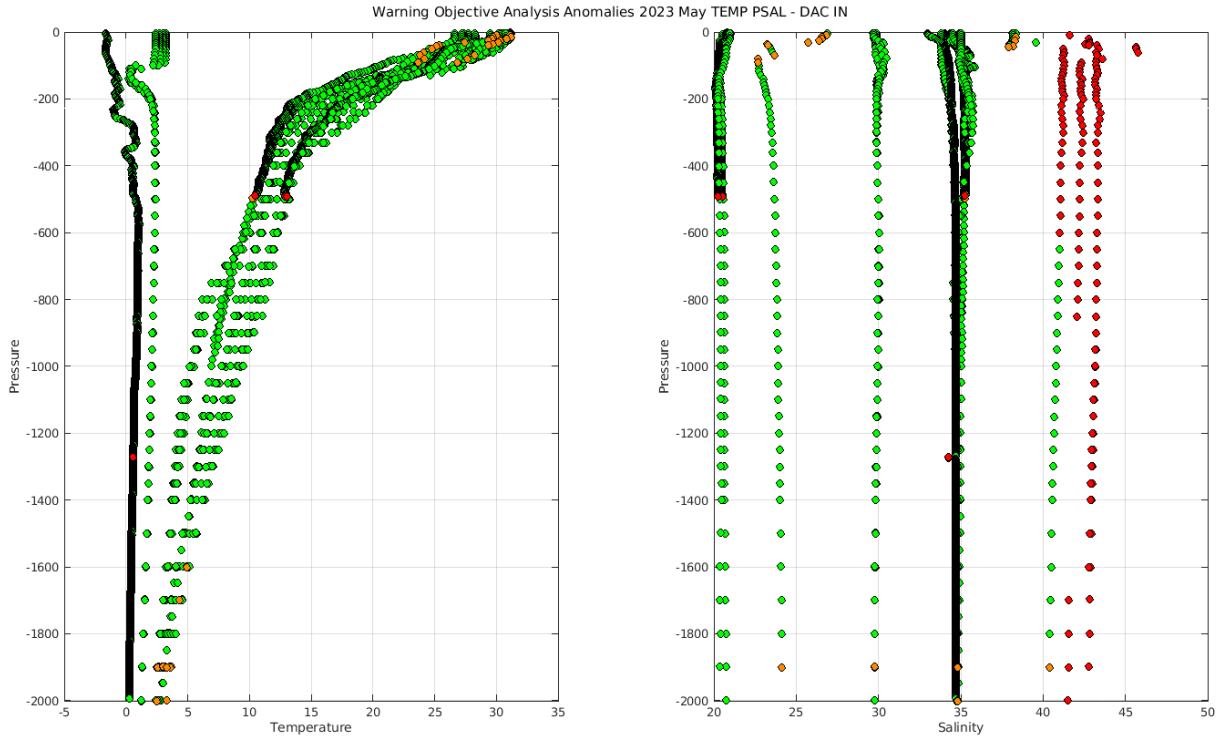


Status of corrections: Corrections done or in progress, some feedbacks. A re-decoding for a certain type of floats handled at Coriolis may explain the large number of anomalies.

Files data_mode='R'/'A'

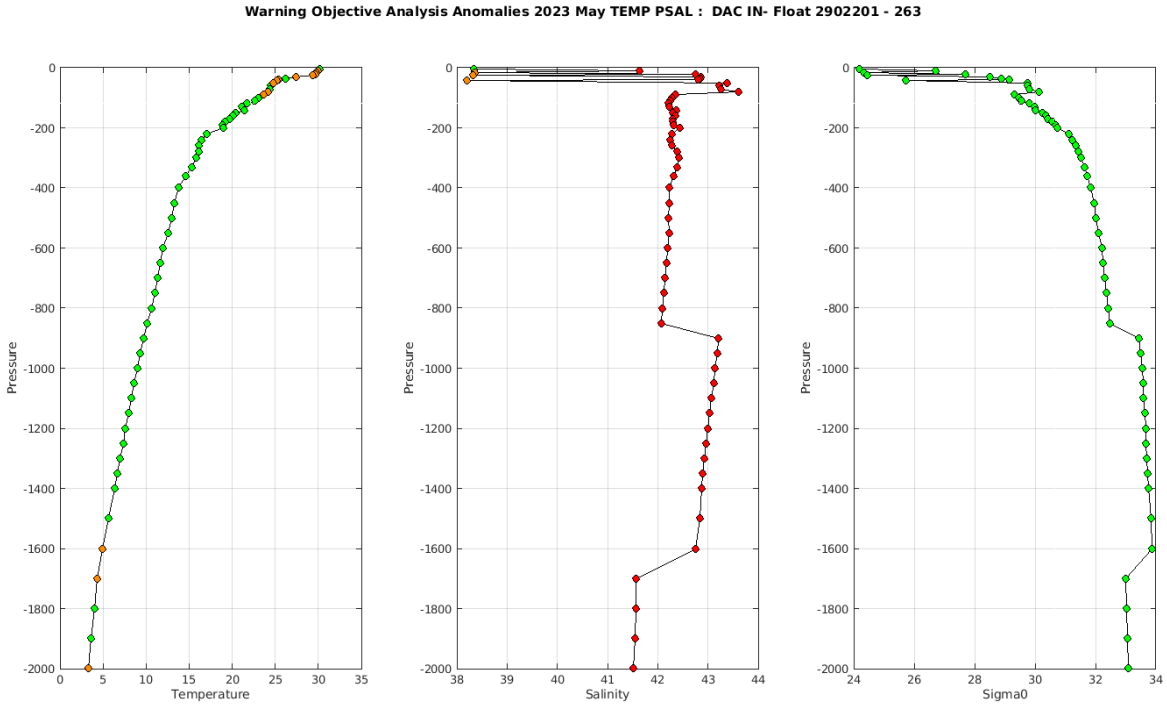
Float : 2902182 - Cycle : 282 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7524 - Date : 2023 5 4
Float : 2902182 - Cycle : 284 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7524 - Date : 2023 5 24
Float : 2902184 - Cycle : 278 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2023 5 24
Float : 2902185 - Cycle : 275 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2023 4 28
Float : 2902185 - Cycle : 276 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2023 5 8
Float : 2902185 - Cycle : 277 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2023 5 18
Float : 2902185 - Cycle : 278 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2023 5 28
Float : 2902200 - Cycle : 262 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2023 4 30
Float : 2902200 - Cycle : 263 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2023 5 10
Float : 2902200 - Cycle : 264 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2023 5 20
Float : 2902200 - Cycle : 265 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2023 5 30
Float : 2902201 - Cycle : 262 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2023 4 30
Float : 2902201 - Cycle : 263 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2023 5 10
Float : 2902201 - Cycle : 264 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2023 5 20
Float : 2902203 - Cycle : 264 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7541 - Date : 2023 5 21
Float : 2902209 - Cycle : 246 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2023 4 30
Float : 2902209 - Cycle : 247 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2023 5 10
Float : 2902209 - Cycle : 248 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2023 5 20
Float : 2902209 - Cycle : 249 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2023 5 29
Float : 2902222 - Cycle : 230 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2023 4 30
Float : 2902222 - Cycle : 231 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2023 5 10
Float : 2902222 - Cycle : 232 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2023 5 20
Float : 2902222 - Cycle : 233 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2023 5 30
Float : 2902299 - Cycle : 71 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8676 - Date : 2022 1 12

Files data_mode='D'

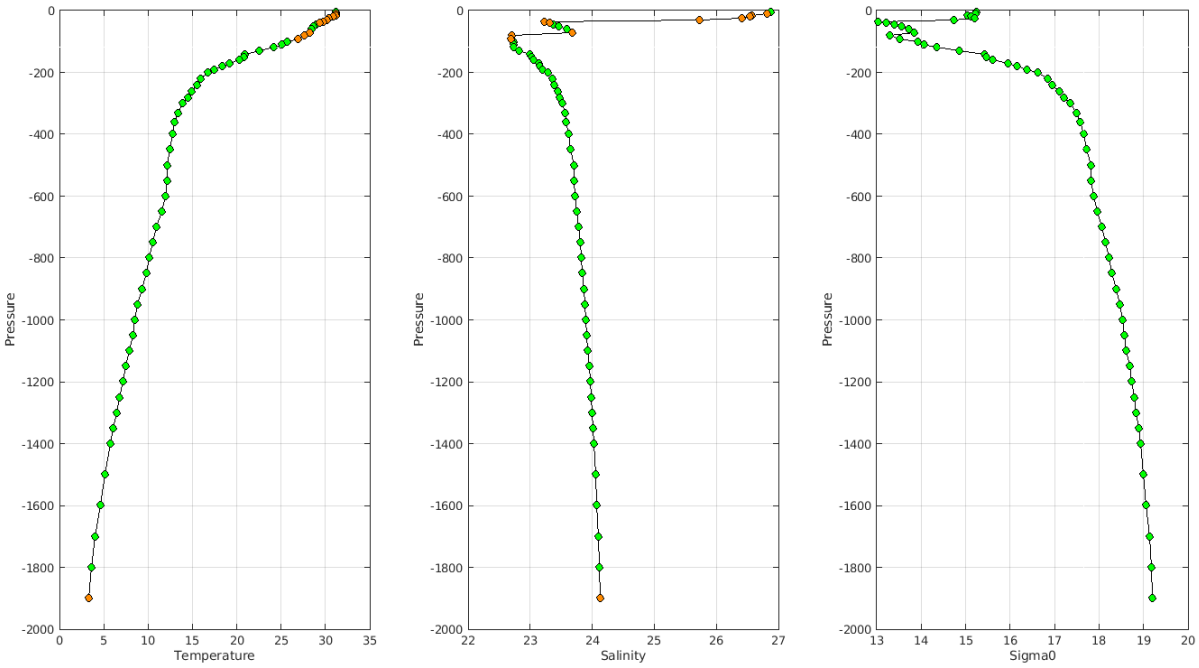


The list of the anomalies can be found at https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/incois/

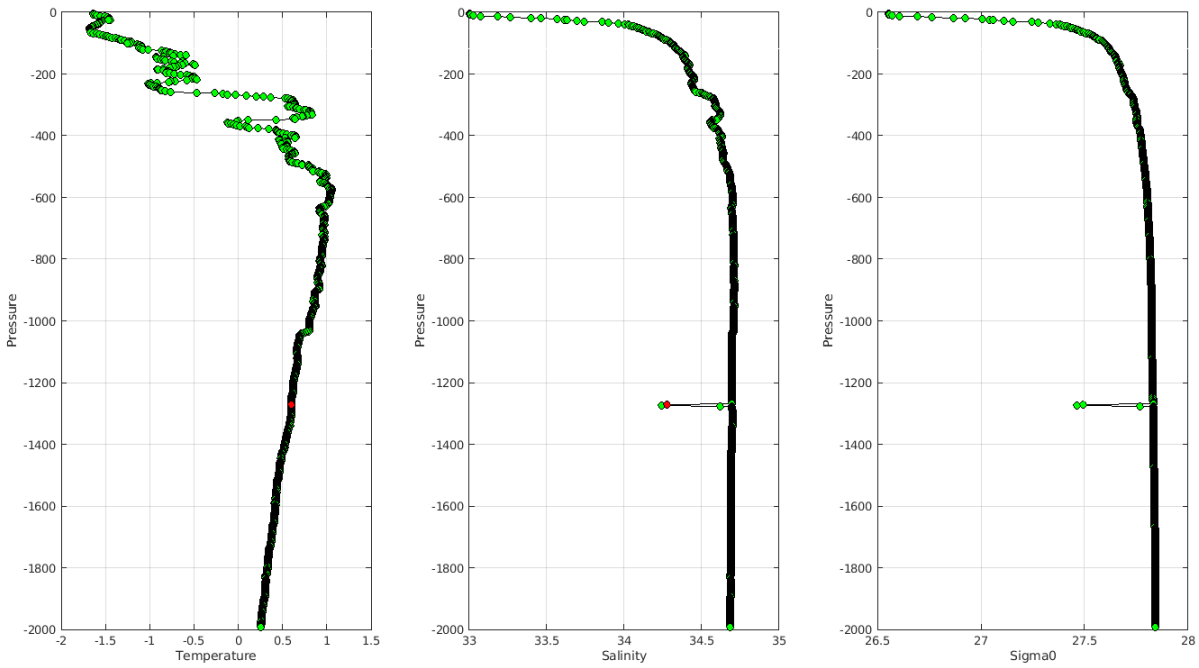
Example of anomalies:



Warning Objective Analysis Anomalies 2023 May TEMP PSAL : DAC IN- Float 2902203 - 264



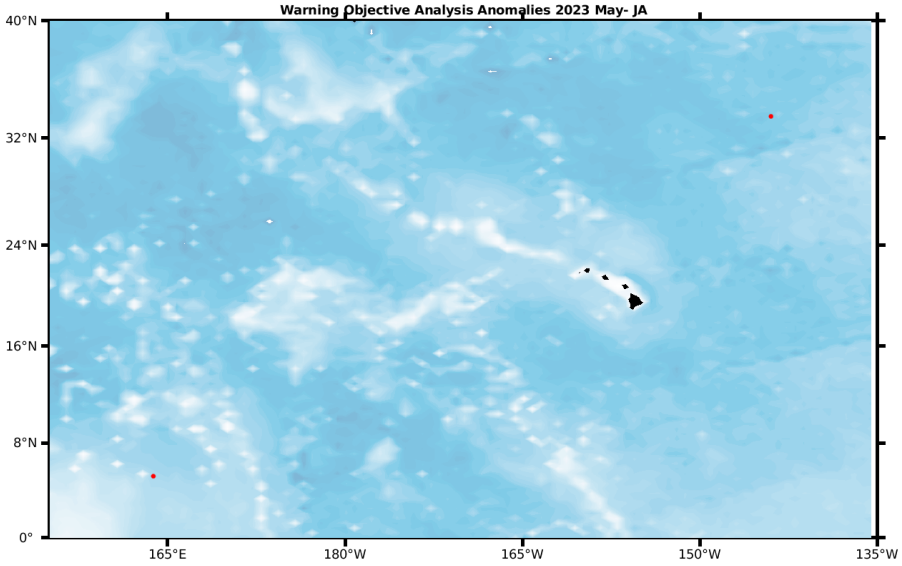
Warning Objective Analysis Anomalies 2023 May TEMP PSAL : DAC IN- Float 2902299 - 71



5.6. DAC JMA/JAMSTEC

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

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



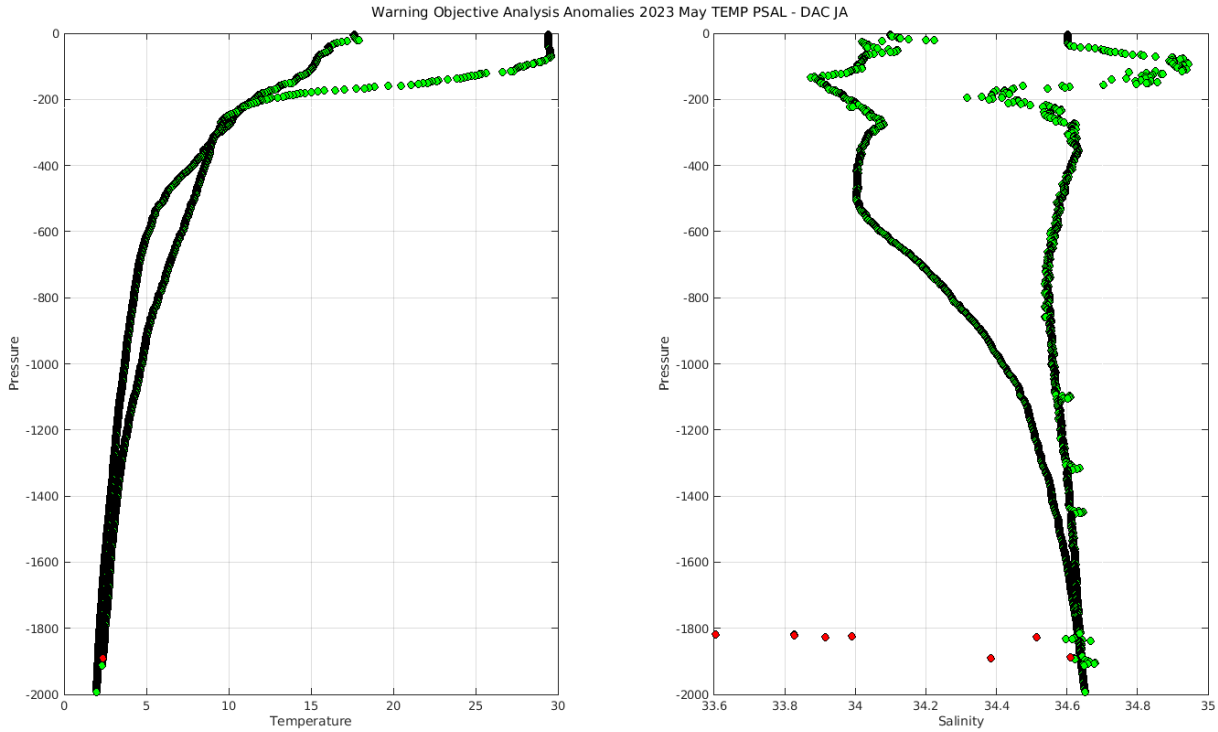
Status of corrections: Correction in progress, feedbacks each month

Files data_mode='R'/'A'

Float : 4902149 - Cycle : 313 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0396 - Date : 2023 5 8

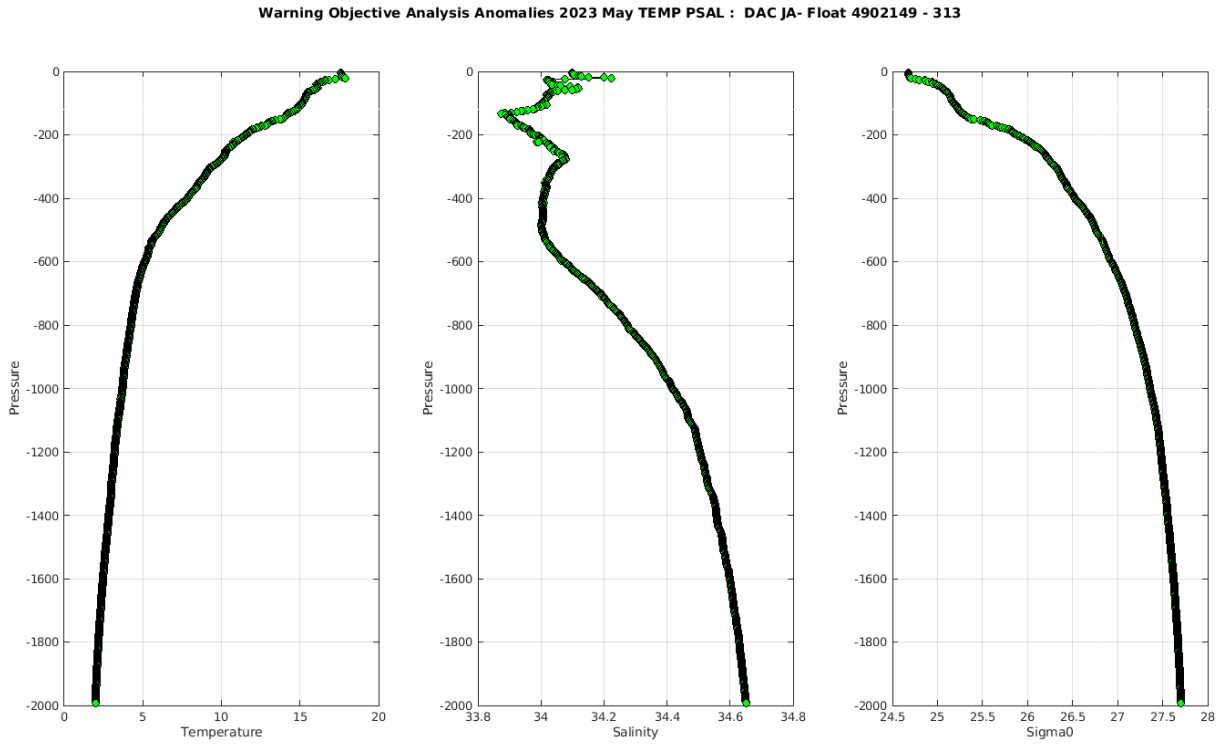
Float : 5905050 - Cycle : 246 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0583 - Date : 2023 5 12

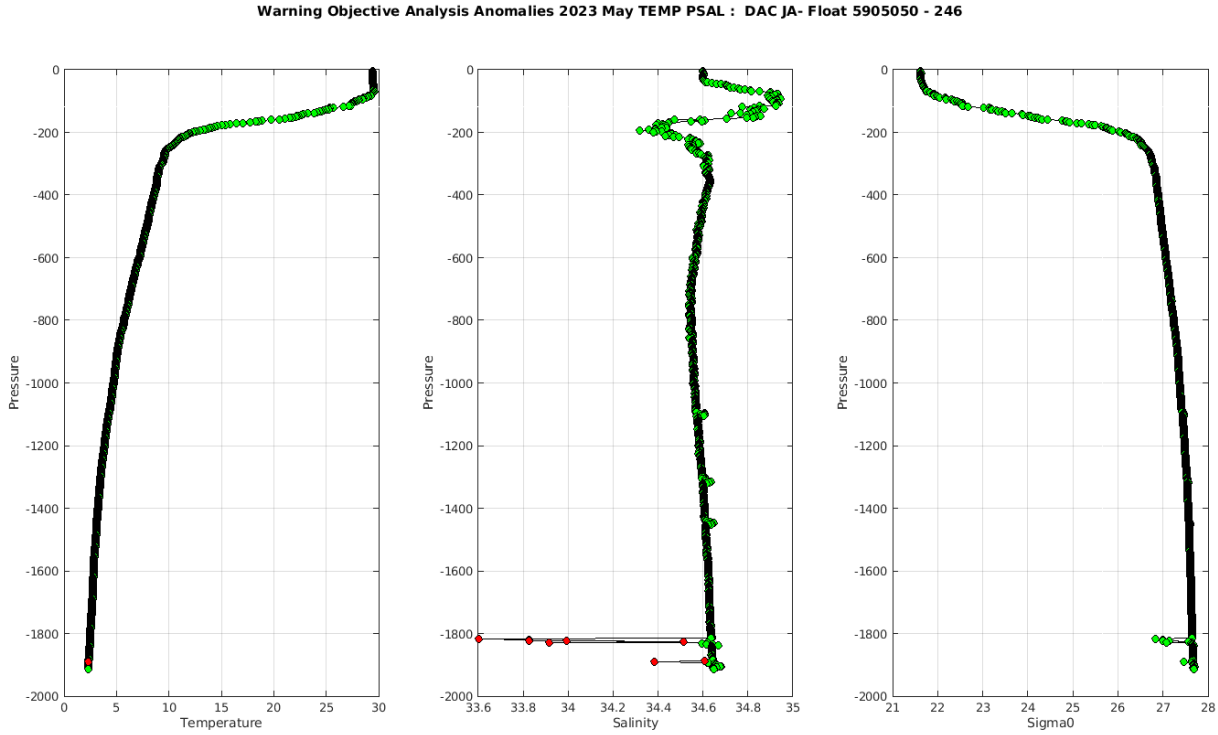
Files data_mode='D'



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

Example of anomalies:

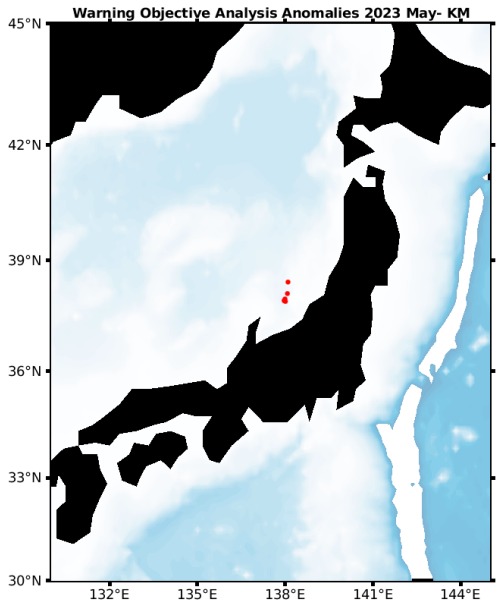




5.7. DAC KMA

Profiles detected by the objective analysis: 5 profiles (1 float – float can have several cycles with anomalies)

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



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

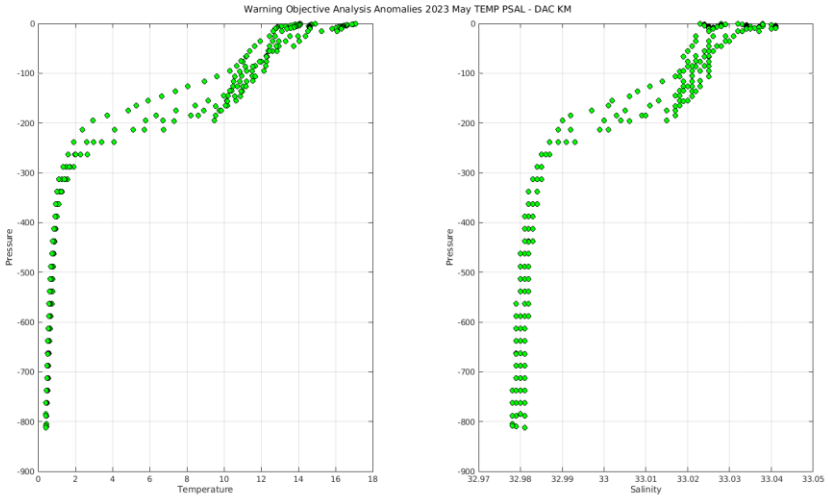
Files data_mode=’R’/’A’

Float : 2901792 - Cycle : 181 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2023 4 29
Float : 2901792 - Cycle : 182 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2023 5 6
Float : 2901792 - Cycle : 183 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2023 5 13
Float : 2901792 - Cycle : 184 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2023 5 20
Float : 2901792 - Cycle : 185 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2023 5 27

Files data_mode=’D’

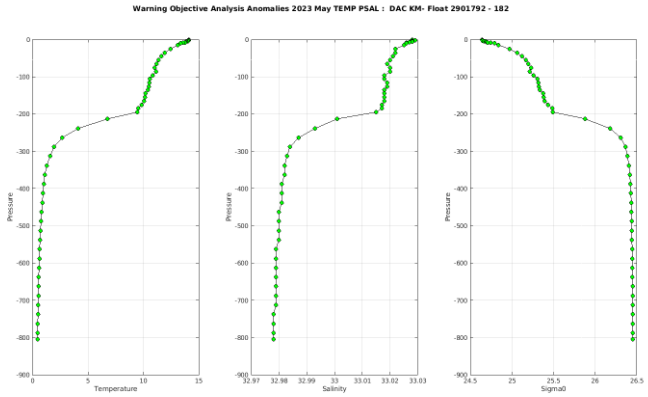
This float is recorded on the greylist but still going in the dataflow (maybe greylist just updated)

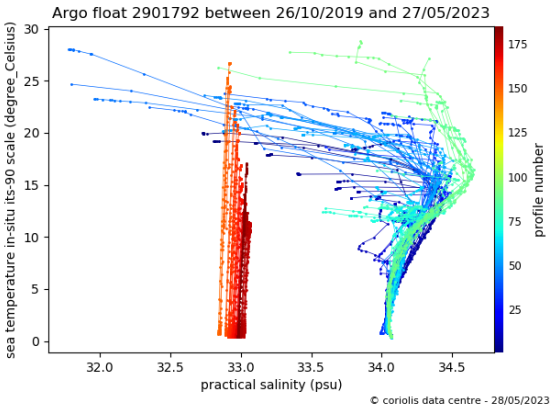
2901792,PSAL,20210814,,4,salinity drift,KM



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

Example of anomalies:





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

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

D2900171_002.nc	D2900171_010.nc	D2900171_018.nc	D2900171_028.nc	D2900171_036.nc	D2900171_044.nc	D2900171_052.nc	D2900171_060.nc	D2900171_068.nc
D2900171_003.nc	D2900171_011.nc	D2900171_019.nc	D2900171_029.nc	D2900171_037.nc	D2900171_045.nc	D2900171_053.nc	D2900171_061.nc	D2900171_069.nc
D2900171_004.nc	D2900171_012.nc	D2900171_020.nc	D2900171_030.nc	D2900171_038.nc	D2900171_046.nc	D2900171_054.nc	D2900171_062.nc	D2900171_070.nc
D2900171_005.nc	D2900171_013.nc	D2900171_021.nc	D2900171_031.nc	D2900171_039.nc	D2900171_047.nc	D2900171_055.nc	D2900171_063.nc	D2900171_071.nc
D2900171_006.nc	D2900171_014.nc	D2900171_022.nc	D2900171_032.nc	D2900171_040.nc	D2900171_048.nc	D2900171_056.nc	D2900171_064.nc	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 form a problem of decoding

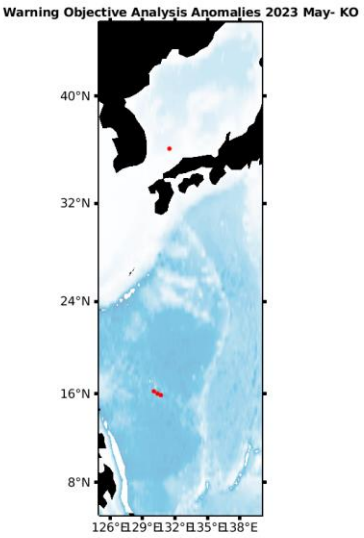
PSAL =
-1073760.375, 33.900, 33.876, 33.928, 33.964, 34.015,
34.028, 34.027, 34.031, 34.033, 34.034, 34.029,

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

5.8. DAC KORDI/KIOST

Profiles detected by the objective analysis: 4 profiles (2 floats – float can have several cycles with anomalies)

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

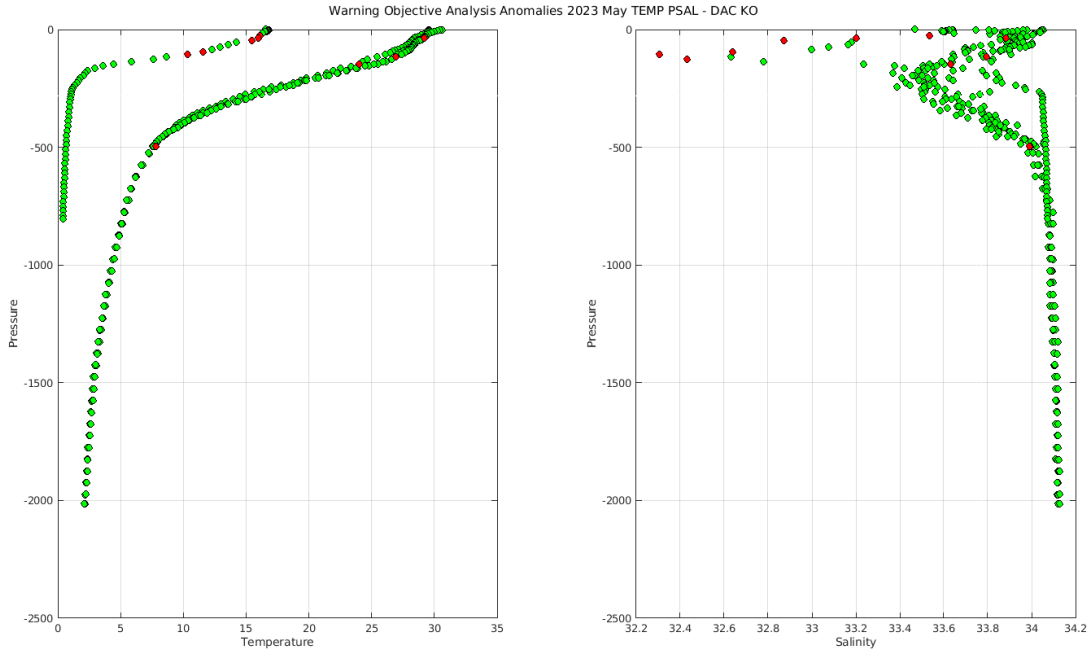


Status of corrections:. No feedback.

Files data_mode=’R’ /’A’

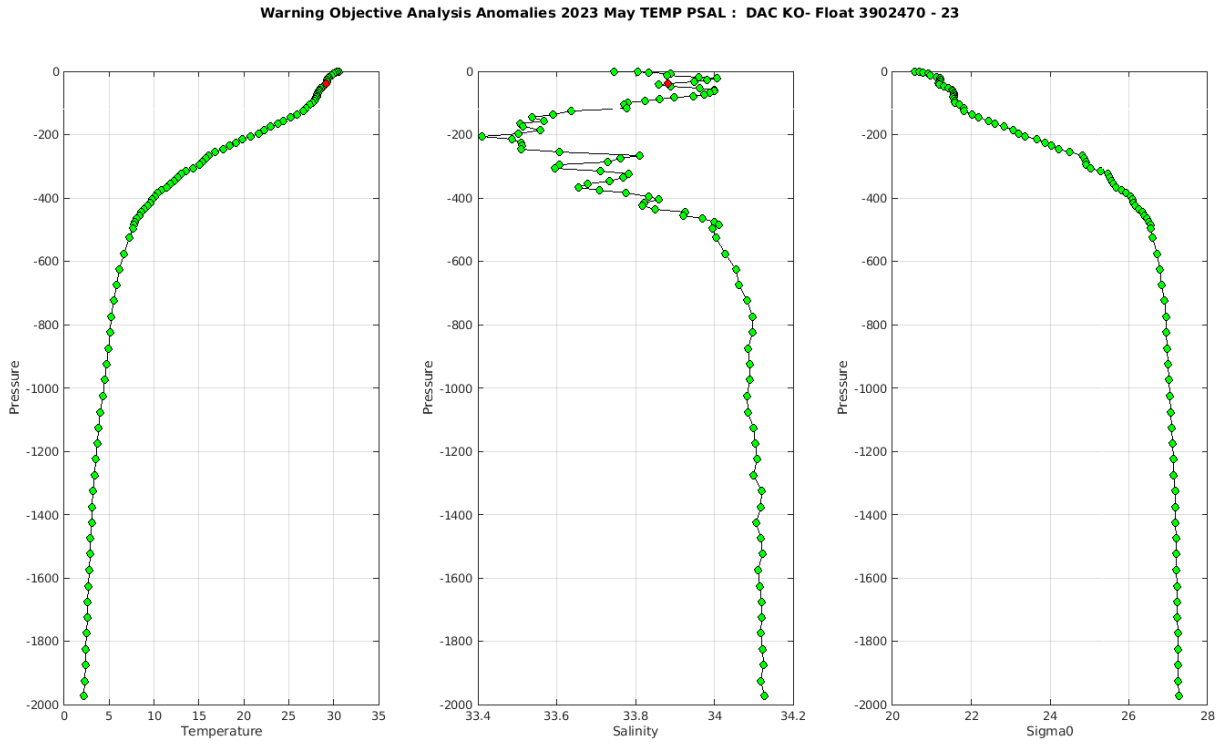
Float : 3902470 - Cycle : 21 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2023 5 1
Float : 3902470 - Cycle : 22 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2023 5 11
Float : 3902470 - Cycle : 23 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2023 5 21
Float : 4903637 - Cycle : 31 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21015 - Date : 2023 5 3

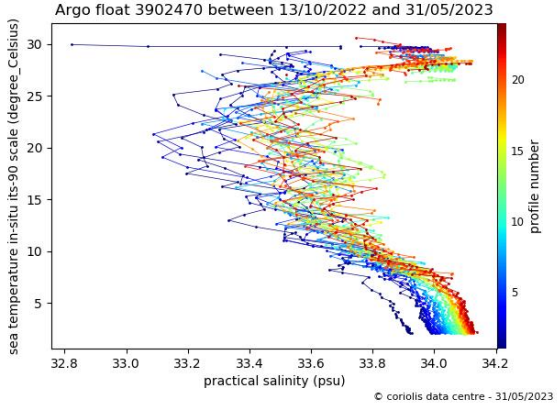
Files data_mode=’D’

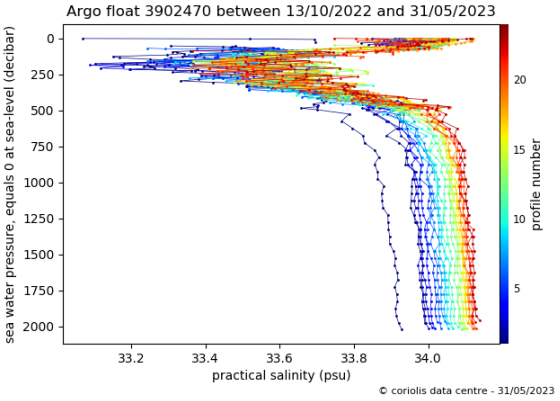


The list of the anomalies can be found at https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/kordi/

Example of anomalies:



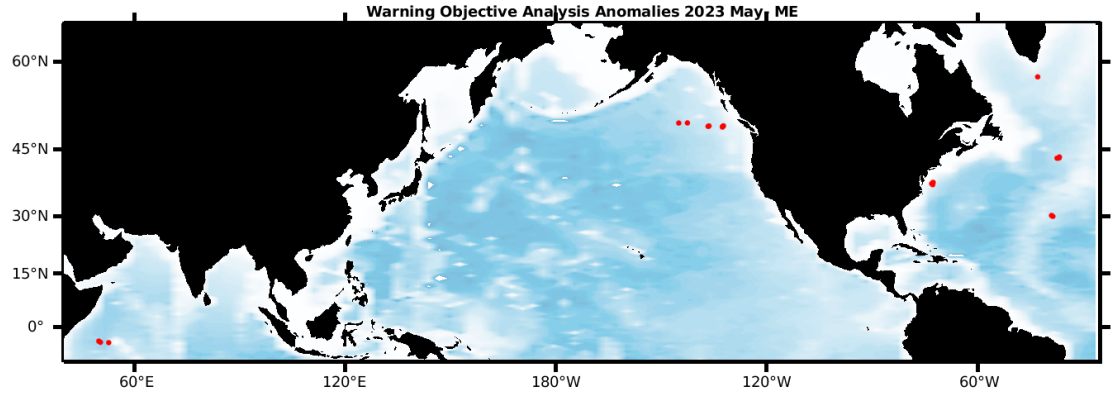




5.9. DAC MEDS

Profiles detected by the objective analysis: 19 profiles (9 floats but floats can have several cycles with anomalies)

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

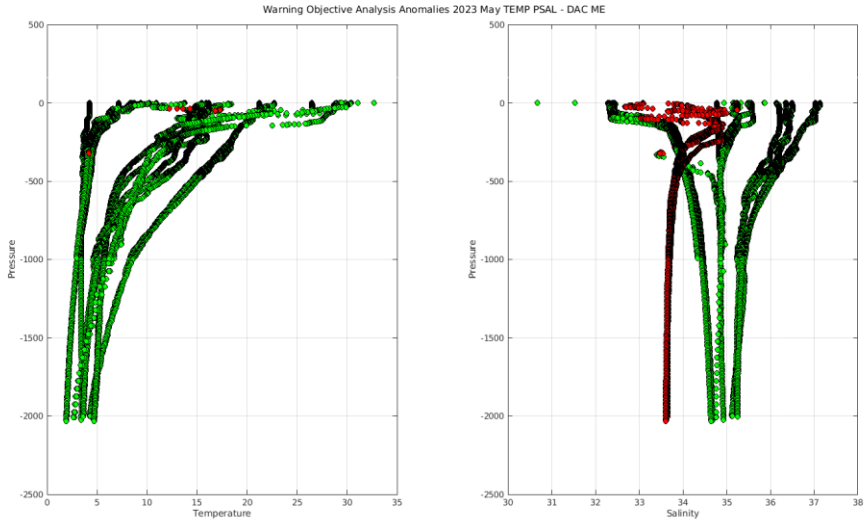


Status of corrections: In progress.

Files data_mode=’R’/’A’

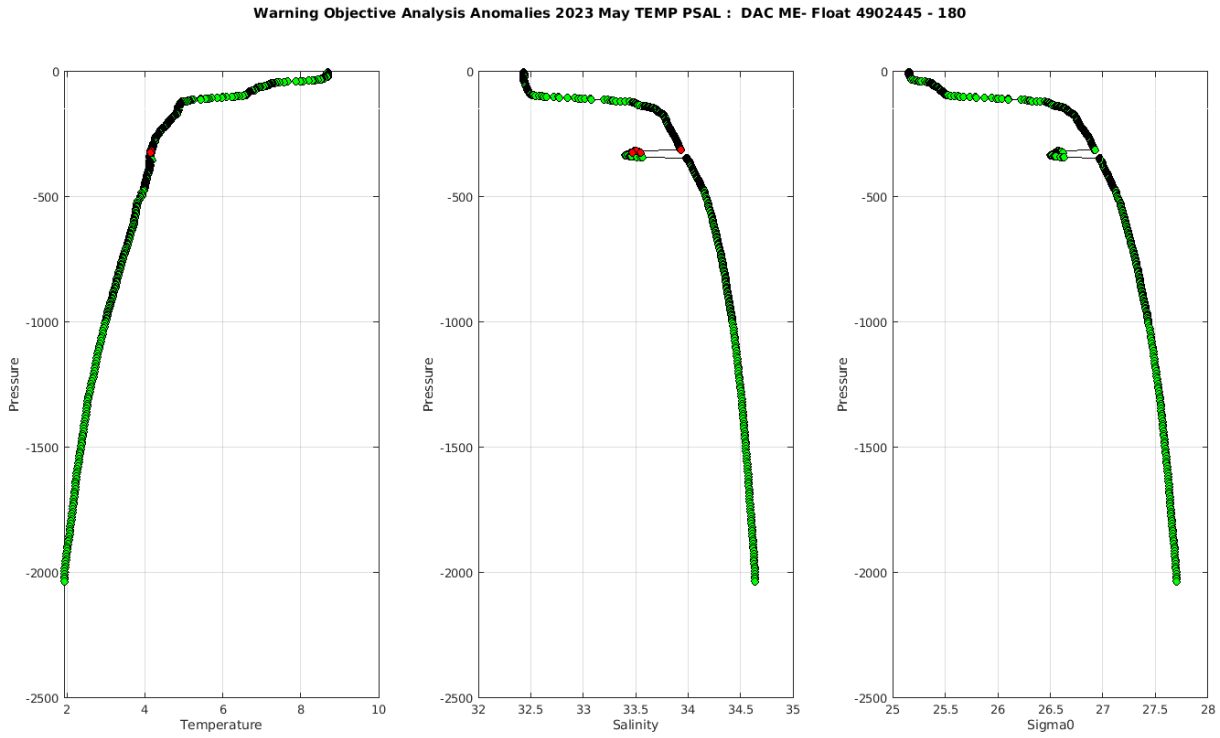
Float : 4902440 - Cycle : 167 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA03 - Date : 2023 4 28
Float : 4902440 - Cycle : 169 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA03 - Date : 2023 5 18
Float : 4902443 - Cycle : 154 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA06 - Date : 2023 5 6
Float : 4902443 - Cycle : 155 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA06 - Date : 2023 5 16
Float : 4902443 - Cycle : 156 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA06 - Date : 2023 5 27
Float : 4902445 - Cycle : 180 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA08 - Date : 2023 5 26
Float : 4902470 - Cycle : 147 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2023 5 6
Float : 4902470 - Cycle : 148 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2023 5 16
Float : 4902470 - Cycle : 149 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2023 5 26
Float : 4902580 - Cycle : 36 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 263221CA21 - Date : 2023 5 8
Float : 4902595 - Cycle : 38 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2023 5 3
Float : 4902595 - Cycle : 39 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2023 5 14
Float : 4902595 - Cycle : 40 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2023 5 24
Float : 4902596 - Cycle : 8 - PI : Blair Greenan - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P41305-21CA001 - Date : 2023 5 14
Float : 4902596 - Cycle : 13 - PI : Blair Greenan - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P41305-21CA001 - Date : 2023 5 22
Float : 4902597 - Cycle : 1 - PI : Blair Greenan - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P41305-21CA002 - Date : 2023 5 10
Float : 4902623 - Cycle : 10 - PI : Blair Greenan - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P41305-22CA004 - Date : 2023 1 27
Float : 4902623 - Cycle : 16 - PI : Blair Greenan - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P41305-22CA004 - Date : 2023 3 28
Float : 4902623 - Cycle : 19 - PI : Blair Greenan - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P41305-22CA004 - Date : 2023 4 27

Files data_mode=’D’



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

Example of anomalies:



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

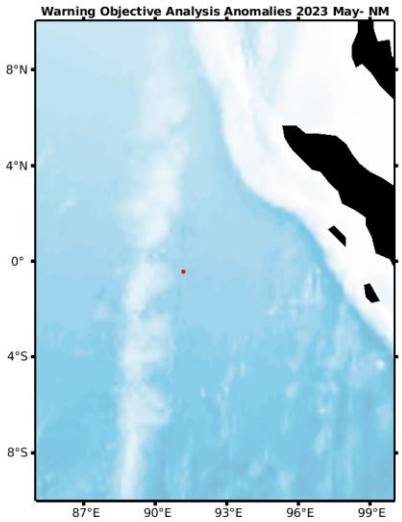
Mix of RT and DM files and strange values (Float_wmo, Cycle, Data_state_indicator, Parameter, Value, QC)

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

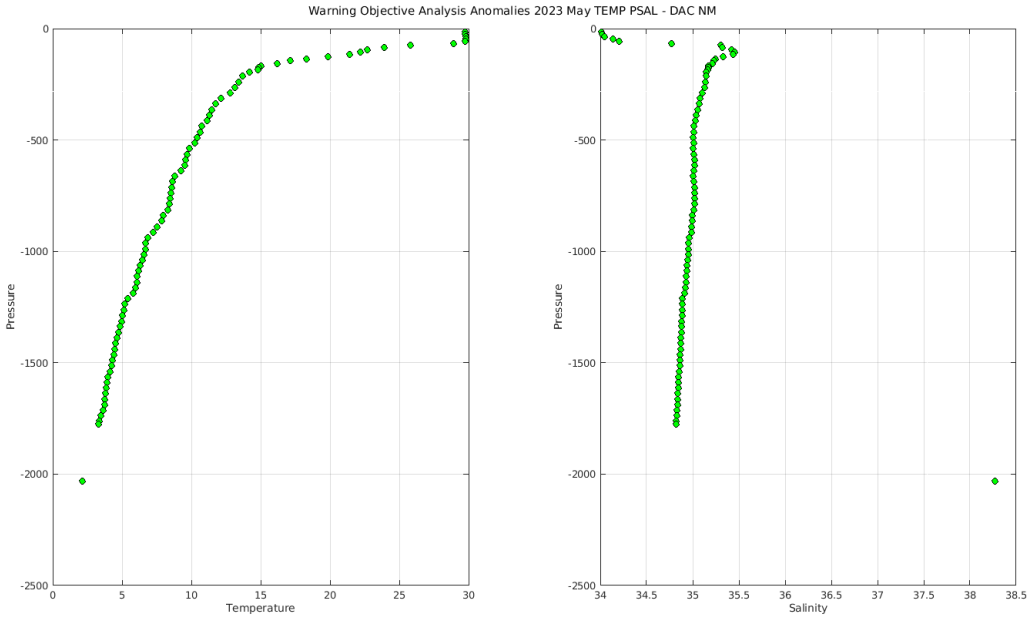
Data_mode =’R’	Data_mode =’A’	Data_mode =’D’
0 cycle	0 cycle	1 cycle



INACTIVE FLOATS

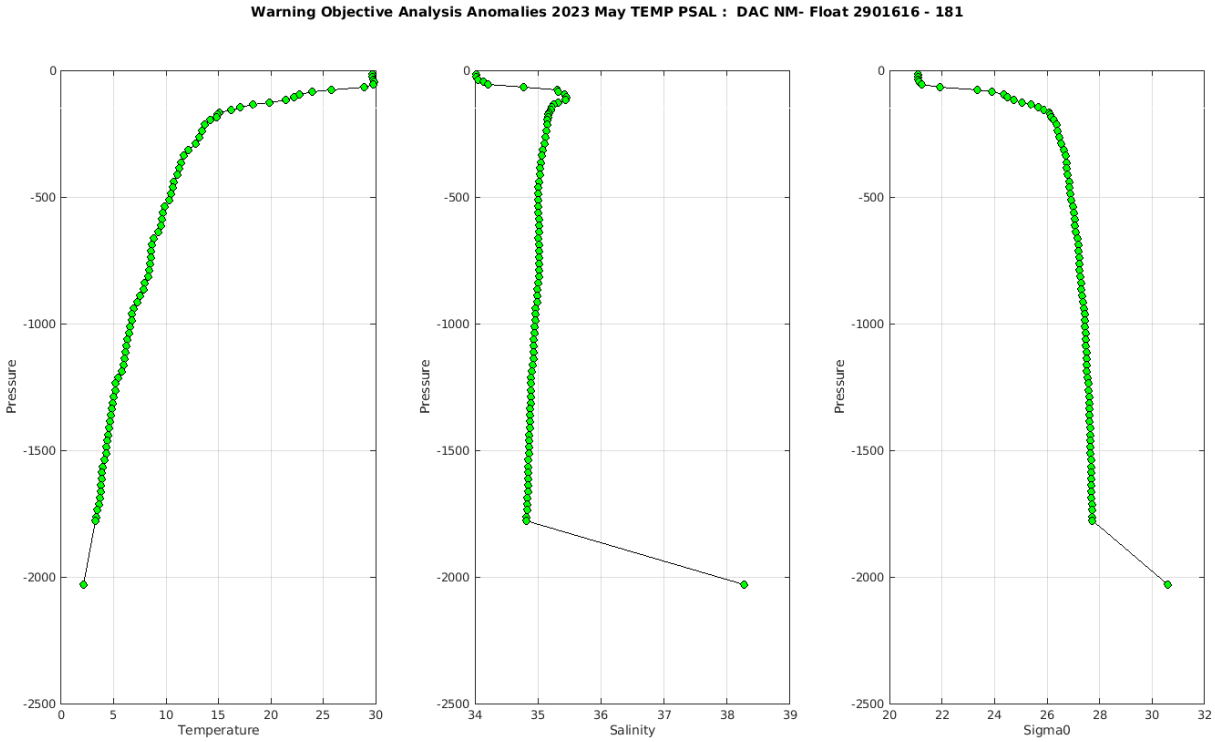
Status of corrections: In progress.

Float : 2901616 - Cycle : 181 - PI : Fengying JI - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-08CH-S3-016 - Date : 2015 4 30



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’

2901615 ex. Cycle 58, …

TEMP_ADJUSTED values exist but error 0

TEMP_ADJUSTED_ERROR =

0.000, 0.000, 0.000, 0.000, 0.000, 0.000, ….

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 : 8522

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 -

1902473 - Existing NetCDF files
File : 1902473_meta.nc - 1902473_prof.nc

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

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

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

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 -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

5906417 - Existing NetCDF files
File : 5906417_Dtraj.nc - 5906417_meta.nc

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

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

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

8.2. BODC

GDAC (missing nc files)

For some floats :

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

MAINLY TRAJECTORY FILE MISSING

See below the list of floats with existing nc files :

DAC name : bodc – Number of floats : 859

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1901865 - Existing NetCDF files
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1901866 - Existing NetCDF files
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1901867 - Existing NetCDF files
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1901868 - Existing NetCDF files
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1901869 - Existing NetCDF files
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1901870 - Existing NetCDF files
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1901871 - Existing NetCDF files
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1901872 - Existing NetCDF files
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1901873 - Existing NetCDF files
File : 1901873_meta.nc - 1901873_prof.nc - 1901873_tech.nc -

1901875 - Existing NetCDF files
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1901876 - Existing NetCDF files
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1901877 - Existing NetCDF files
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1901878 - Existing NetCDF files

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1901879 - Existing NetCDF files
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1901880 - Existing NetCDF files
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1901881 - Existing NetCDF files
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1901882 - Existing NetCDF files
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1901883 - Existing NetCDF files
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1901884 - Existing NetCDF files
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1901885 - Existing NetCDF files
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1901886 - Existing NetCDF files
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1901887 - Existing NetCDF files
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1901888 - Existing NetCDF files
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1901889 - Existing NetCDF files
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1901890 - Existing NetCDF files
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1901892 - Existing NetCDF files
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1901893 - Existing NetCDF files
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1901894 - Existing NetCDF files
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1901895 - Existing NetCDF files
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1901896 - Existing NetCDF files
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1901897 - Existing NetCDF files
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1901898 - Existing NetCDF files
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1901899 - Existing NetCDF files
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1901900 - Existing NetCDF files
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1901901 - Existing NetCDF files
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1901902 - Existing NetCDF files
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1901903 - Existing NetCDF files
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1901904 - Existing NetCDF files
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1901906 - Existing NetCDF files
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1901907 - Existing NetCDF files
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1901909 - Existing NetCDF files
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1901910 - Existing NetCDF files
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1901911 - Existing NetCDF files
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1901912 - Existing NetCDF files
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1901914 - Existing NetCDF files
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1901915 - Existing NetCDF files
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1901916 - Existing NetCDF files
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1901918 - Existing NetCDF files
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1901919 - Existing NetCDF files
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1901921 - Existing NetCDF files
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1901922 - Existing NetCDF files
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1901926 - Existing NetCDF files
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1901927 - Existing NetCDF files
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1901931 - 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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1902089 - 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
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2901891 - Existing NetCDF files
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2901892 - Existing NetCDF files
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2901893 - Existing NetCDF files
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2901894 - Existing NetCDF files
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2901895 - Existing NetCDF files
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2901896 - Existing NetCDF files
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2901897 - Existing NetCDF files
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2901898 - Existing NetCDF files
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2901899 - Existing NetCDF files
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2901900 - Existing NetCDF files
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2901902 - Existing NetCDF files
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2901903 - Existing NetCDF files
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2901904 - Existing NetCDF files
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2901905 - Existing NetCDF files
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2903773 - Existing NetCDF files
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3900538 - Existing NetCDF files
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3900559 - Existing NetCDF files
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3900560 - Existing NetCDF files
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3901488 - Existing NetCDF files
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3901489 - Existing NetCDF files
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3901490 - Existing NetCDF files
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3901491 - Existing NetCDF files
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3901492 - Existing NetCDF files
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3901493 - Existing NetCDF files
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3901494 - Existing NetCDF files
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3901495 - Existing NetCDF files
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3901499 - Existing NetCDF files
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3901500 - Existing NetCDF files
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3901501 - Existing NetCDF files
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3901502 - Existing NetCDF files
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3901503 - Existing NetCDF files
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3901504 - Existing NetCDF files
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3901505 - Existing NetCDF files
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3901506 - Existing NetCDF files
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3901508 - Existing NetCDF files
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3901509 - Existing NetCDF files
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3901510 - Existing NetCDF files
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3901511 - Existing NetCDF files
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3901512 - Existing NetCDF files
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3901513 - Existing NetCDF files
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3901514 - Existing NetCDF files
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3901515 - Existing NetCDF files
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3901516 - Existing NetCDF files
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3901517 - Existing NetCDF files
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3901519 - Existing NetCDF files
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3901520 - Existing NetCDF files
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3901521 - Existing NetCDF files
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3901522 - Existing NetCDF files
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3901523 - Existing NetCDF files
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3901524 - Existing NetCDF files
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3901525 - Existing NetCDF files
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3901526 - Existing NetCDF files
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3901527 - Existing NetCDF files
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3901528 - Existing NetCDF files
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3901529 - Existing NetCDF files
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3901532 - Existing NetCDF files
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3901533 - Existing NetCDF files

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3901534 - Existing NetCDF files
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3901535 - Existing NetCDF files
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3901536 - Existing NetCDF files
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3901537 - Existing NetCDF files
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3901538 - Existing NetCDF files
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3901539 - Existing NetCDF files
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3901540 - Existing NetCDF files
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3901541 - Existing NetCDF files
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3901542 - Existing NetCDF files
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3901543 - Existing NetCDF files
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3901544 - Existing NetCDF files
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3901545 - Existing NetCDF files
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3901546 - Existing NetCDF files
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3901547 - Existing NetCDF files
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3901548 - Existing NetCDF files
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3901549 - Existing NetCDF files
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3901550 - Existing NetCDF files
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3901551 - Existing NetCDF files
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3901552 - Existing NetCDF files
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3901553 - Existing NetCDF files
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3901554 - Existing NetCDF files
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3901555 - Existing NetCDF files
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3901556 - Existing NetCDF files
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3901560 - Existing NetCDF files
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3901561 - Existing NetCDF files
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3901562 - Existing NetCDF files
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3901563 - Existing NetCDF files
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3901564 - Existing NetCDF files
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3901565 - Existing NetCDF files
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3901566 - Existing NetCDF files
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3901567 - Existing NetCDF files
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3901568 - Existing NetCDF files
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3901569 - Existing NetCDF files
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3901570 - Existing NetCDF files
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3901571 - Existing NetCDF files
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3901572 - Existing NetCDF files
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3901573 - Existing NetCDF files
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3901574 - Existing NetCDF files
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3901575 - Existing NetCDF files
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3901576 - Existing NetCDF files
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3902398 - Existing NetCDF files
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3902399 - Existing NetCDF files
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3902400 - Existing NetCDF files
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3902402 - Existing NetCDF files
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3902403 - Existing NetCDF files
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4903670 - Existing NetCDF files
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49065 - Existing NetCDF files
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5906966 - Existing NetCDF files
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5906967 - Existing NetCDF files
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6901153 - Existing NetCDF files
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6901155 - Existing NetCDF files
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6901156 - Existing NetCDF files
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6901157 - Existing NetCDF files
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6901158 - Existing NetCDF files
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6901160 - Existing NetCDF files
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6901161 - Existing NetCDF files
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6901162 - Existing NetCDF files
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6901163 - Existing NetCDF files
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6901164 - Existing NetCDF files
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6901165 - Existing NetCDF files
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6901166 - Existing NetCDF files
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6901167 - Existing NetCDF files
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6901168 - Existing NetCDF files
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6901169 - Existing NetCDF files
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6901170 - Existing NetCDF files
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6901171 - Existing NetCDF files
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6901172 - Existing NetCDF files
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6901173 - Existing NetCDF files
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6901176 - Existing NetCDF files
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6901178 - Existing NetCDF files
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6901179 - Existing NetCDF files
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6901184 - Existing NetCDF files
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6901185 - Existing NetCDF files
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6901188 - Existing NetCDF files
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6901189 - Existing NetCDF files
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6901190 - Existing NetCDF files
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6901191 - Existing NetCDF files
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6901192 - Existing NetCDF files
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6901193 - Existing NetCDF files
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6901194 - Existing NetCDF files
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6901195 - Existing NetCDF files
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6901197 - Existing NetCDF files
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6901198 - Existing NetCDF files
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6901199 - Existing NetCDF files
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6901200 - Existing NetCDF files
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6901201 - Existing NetCDF files
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6901202 - Existing NetCDF files
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6901205 - Existing NetCDF files
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6901207 - Existing NetCDF files
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6901208 - Existing NetCDF files
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6901211 - Existing NetCDF files
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6901212 - Existing NetCDF files
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6901213 - Existing NetCDF files
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6901214 - Existing NetCDF files
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6901215 - Existing NetCDF files
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6901919 - Existing NetCDF files
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6901920 - Existing NetCDF files
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6901921 - Existing NetCDF files
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6901922 - Existing NetCDF files
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6901923 - Existing NetCDF files
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6901924 - Existing NetCDF files
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6901925 - Existing NetCDF files
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6901926 - Existing NetCDF files
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6901927 - Existing NetCDF files
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6901928 - Existing NetCDF files
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6903715 - Existing NetCDF files
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6903716 - Existing NetCDF files
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6903717 - Existing NetCDF files
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6903718 - Existing NetCDF files
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6903719 - Existing NetCDF files
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6903720 - Existing NetCDF files
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6903721 - Existing NetCDF files
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6903722 - Existing NetCDF files
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6903723 - Existing NetCDF files
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6903724 - Existing NetCDF files
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6903725 - Existing NetCDF files
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6903726 - Existing NetCDF files
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6903727 - Existing NetCDF files
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6903751 - Existing NetCDF files
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6903752 - Existing NetCDF files
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6903753 - Existing NetCDF files
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6903754 - Existing NetCDF files
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6903755 - Existing NetCDF files
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6903758 - Existing NetCDF files
File : 6903758_meta.nc - 6903758_prof.nc - 6903758_tech.nc -

6903760 - Existing NetCDF files
File : 6903760_meta.nc - 6903760_prof.nc - 6903760_tech.nc -

6903761 - Existing NetCDF files
File : 6903761_meta.nc - 6903761_prof.nc - 6903761_tech.nc -

6904179 - Existing NetCDF files
File : 6904179_meta.nc - 6904179_prof.nc - 6904179_tech.nc -

6904180 - Existing NetCDF files

File : 6904180_meta.nc - 6904180_prof.nc - 6904180_tech.nc -

6904181 - Existing NetCDF files
File : 6904181_meta.nc - 6904181_prof.nc - 6904181_tech.nc

7901008 - Existing NetCDF files
File : 7901008_meta.nc - 7901008_prof.nc - 7901008_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 : 3642

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 -

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

4903635 - Existing NetCDF files
File : 4903635_Rtraj.nc - 4903635_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 -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

6903807 - Existing NetCDF files
File : 6903807_Rtraj.nc6903807_meta.nc

6903827 - Existing NetCDF files
File : 6903827_BRtraj.nc - 6903827_Rtraj.nc - 6903827_meta.nc -

7900349 - Existing NetCDF files
File : 7900349_Rtraj.nc - 7900349_meta.nc - 7900349_tech.nc

8.4. CSIO

GDAC (missing nc files)

For some floats :

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

See below the list of floats with existing nc files :
DAC name : csio – Number of floats : 527

8.5. CSIRO

GDAC (missing nc files)

For some floats :

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

See below the list of floats with existing nc files :
DAC name : csiro – Number of floats : 1125

1901743 - Existing NetCDF files
File : 1901743_meta.nc - 1901743_prof.nc - 1901743_tech.nc -

1901744 - Existing NetCDF files
File : 1901744_meta.nc - 1901744_prof.nc - 1901744_tech.nc -

1901745 - Existing NetCDF files
File : 1901745_meta.nc - 1901745_prof.nc - 1901745_tech.nc -

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

1901747 - Existing NetCDF files
File : 1901747_meta.nc - 1901747_prof.nc - 1901747_tech.nc -

1901749 - Existing NetCDF files
File : 1901749_meta.nc - 1901749_prof.nc - 1901749_tech.nc -

1901752 - Existing NetCDF files
File : 1901752_meta.nc - 1901752_prof.nc - 1901752_tech.nc -

1901753 - Existing NetCDF files
File : 1901753_meta.nc - 1901753_prof.nc - 1901753_tech.nc -

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

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

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

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

5904916 - Existing NetCDF files
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
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5904925 - Existing NetCDF files
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5905205 - Existing NetCDF files
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5905389 - Existing NetCDF files
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5905390 - Existing NetCDF files
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5905393 - Existing NetCDF files
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5905394 - Existing NetCDF files
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5905410 - Existing NetCDF files
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5905411 - Existing NetCDF files
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5905412 - Existing NetCDF files
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5905413 - Existing NetCDF files
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5905419 - Existing NetCDF files
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5905420 - Existing NetCDF files
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5905421 - Existing NetCDF files
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5905430 - Existing NetCDF files
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5905431 - Existing NetCDF files
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5905432 - Existing NetCDF files
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5905454 - Existing NetCDF files
File : 5905454_meta.nc - 5905454_prof.nc - 5905454_tech.nc -

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

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

7900638 - Existing NetCDF files
File : 7900638_meta.nc - 7900638_prof.nc - 7900638_tech.nc -

7900639 - Existing NetCDF files
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7900640 - Existing NetCDF files
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7900641 - Existing NetCDF files
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7900642 - Existing NetCDF files
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7900643 - Existing NetCDF files
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7900646 - Existing NetCDF files
File : 7900646_meta.nc - 7900646_prof.nc - 7900646_tech.nc -

7900647 - Existing NetCDF files
File : 7900647_meta.nc - 7900647_prof.nc - 7900647_tech.nc -

7900648 - Existing NetCDF files
File : 7900648_meta.nc - 7900648_prof.nc - 7900648_tech.nc -

7900649 - Existing NetCDF files
File : 7900649_meta.nc - 7900649_prof.nc - 7900649_tech.nc -

7900650 - Existing NetCDF files
File : 7900650_meta.nc - 7900650_prof.nc - 7900650_tech.nc -

7900651 - Existing NetCDF files
File : 7900651_meta.nc - 7900651_prof.nc - 7900651_tech.nc -

7900891 - Existing NetCDF files
File : 7900891_meta.nc - 7900891_prof.nc - 7900891_tech.nc -

7900892 - Existing NetCDF files
File : 7900892_meta.nc - 7900892_prof.nc - 7900892_tech.nc -

7900894 - Existing NetCDF files
File : 7900894_meta.nc - 7900894_prof.nc - 7900894_tech.nc -

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

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

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

7900919 - Existing NetCDF files
File : 7900919_meta.nc - 7900919_prof.nc - 7900919_tech.nc

8.6. INCOIS

For some floats :

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

See below the list of floats with existing nc files :
DAC name : incois – Number of floats : 492

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

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

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

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

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

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

2902231 - Existing NetCDF files
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

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	**7900599**	**7900653**
2902509	**7900600**	**7900654**
2902510	**7900601**	**7900655**
5904937	**7900652**	**7900657**

7900658 **7900660**

-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 : 1901

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2903176 - Existing NetCDF files
File : 2903176_Sprof.nc - 2903176_meta.nc - 2903176_prof.nc -

2903209 - Existing NetCDF files
File : 2903209_Sprof.nc - 2903209_meta.nc - 2903209_prof.nc -

2903210 - Existing NetCDF files
File : 2903210_Sprof.nc - 2903210_meta.nc - 2903210_prof.nc -

2903211 - Existing NetCDF files
File : 2903211_meta.nc - 2903211_prof.nc -

2903212 - Existing NetCDF files
File : 2903212_Sprof.nc - 2903212_meta.nc - 2903212_prof.nc -

2903213 - Existing NetCDF files
File : 2903213_Sprof.nc - 2903213_meta.nc - 2903213_prof.nc -

2903327 - Existing NetCDF files
File : 2903327_meta.nc - 2903327_prof.nc -

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

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

2903346 - Existing NetCDF files
File : 2903346_meta.nc - 2903346_prof.nc -

2903347 - Existing NetCDF files
File : 2903347_meta.nc - 2903347_prof.nc -

2903348 - Existing NetCDF files
File : 2903348_meta.nc - 2903348_prof.nc -

2903349 - Existing NetCDF files
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2903350 - Existing NetCDF files
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2903351 - Existing NetCDF files
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2903352 - Existing NetCDF files
File : 2903352_meta.nc - 2903352_prof.nc -

2903353 - Existing NetCDF files
File : 2903353_Sprof.nc - 2903353_meta.nc - 2903353_prof.nc -

2903354 - Existing NetCDF files
File : 2903354_Sprof.nc - 2903354_meta.nc - 2903354_prof.nc -

2903356 - Existing NetCDF files
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2903357 - Existing NetCDF files
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2903359 - Existing NetCDF files
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2903360 - Existing NetCDF files
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2903362 - Existing NetCDF files
File : 2903362_meta.nc - 2903362_prof.nc - 2903362_tech.nc -

2903363 - Existing NetCDF files
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2903364 - Existing NetCDF files
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2903365 - Existing NetCDF files
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2903366 - Existing NetCDF files
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2903367 - Existing NetCDF files
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2903368 - Existing NetCDF files
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2903369 - Existing NetCDF files
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2903370 - Existing NetCDF files
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2903371 - Existing NetCDF files
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2903372 - Existing NetCDF files
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2903373 - Existing NetCDF files
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2903374 - Existing NetCDF files
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2903375 - Existing NetCDF files
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2903376 - Existing NetCDF files
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2903377 - Existing NetCDF files
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2903378 - Existing NetCDF files
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2903379 - Existing NetCDF files
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2903380 - Existing NetCDF files
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2903381 - Existing NetCDF files
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2903382 - Existing NetCDF files
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2903383 - Existing NetCDF files
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2903384 - Existing NetCDF files
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2903385 - Existing NetCDF files
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2903386 - Existing NetCDF files
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2903387 - Existing NetCDF files
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2903388 - Existing NetCDF files
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2903389 - Existing NetCDF files
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2903390 - Existing NetCDF files
File : 2903390_meta.nc - 2903390_prof.nc -

2903391 - Existing NetCDF files
File : 2903391_meta.nc - 2903391_prof.nc -

2903392 - Existing NetCDF files
File : 2903392_Sprof.nc - 2903392_meta.nc - 2903392_prof.nc -

2903393 - Existing NetCDF files
File : 2903393_Sprof.nc - 2903393_meta.nc - 2903393_prof.nc -

2903394 - Existing NetCDF files
File : 2903394_Sprof.nc - 2903394_meta.nc - 2903394_prof.nc -

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

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

2903397 - Existing NetCDF files
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2903398 - Existing NetCDF files
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2903399 - Existing NetCDF files
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2903400 - Existing NetCDF files
File : 2903400_meta.nc - 2903400_prof.nc -

2903401 - Existing NetCDF files
File : 2903401_meta.nc - 2903401_prof.nc -

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

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

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

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

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

2903607 - Existing NetCDF files
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2903608 - Existing NetCDF files
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2903609 - Existing NetCDF files
File : 2903609_meta.nc - 2903609_prof.nc -

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

2903612 - Existing NetCDF files
File : 2903612_meta.nc - 2903612_prof.nc -

2903613 - Existing NetCDF files
File : 2903613_Sprof.nc - 2903613_meta.nc - 2903613_prof.nc

2903614 - Existing NetCDF files
File : 2903614_Sprof.nc - 2903614_meta.nc - 2903614_prof.nc

2903615 - Existing NetCDF files
File : 2903615_Sprof.nc - 2903615_meta.nc - 2903615_prof.nc

2903616 - Existing NetCDF files
File : 2903616_meta.nc - 2903616_prof.nc

2903617 - Existing NetCDF files
File : 2903617_meta.nc - 2903617_prof.nc

2903630 - Existing NetCDF files
File : 2903630_meta.nc - 2903630_prof.nc

2903631 - Existing NetCDF files
File : 2903631_meta.nc - 2903631_prof.nc

2903632 - Existing NetCDF files
File : 2903632_meta.nc - 2903632_prof.nc

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

2903649 - Existing NetCDF files

File : 2903649_meta.nc - 2903649_prof.nc -

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

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

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

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

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

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

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

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

2903658 - Existing NetCDF files
File : 2903658_meta.nc - 2903658_prof.nc -

2903659 - Existing NetCDF files
File : 2903659_meta.nc - 2903659_prof.nc -

2903660 - Existing NetCDF files
File : 2903660_meta.nc - 2903660_prof.nc -

2903661 - Existing NetCDF files
File : 2903661_meta.nc - 2903661_prof.nc -

2903662 - Existing NetCDF files
File : 2903662_meta.nc - 2903662_prof.nc -

2903663 - Existing NetCDF files
File : 2903663_meta.nc - 2903663_prof.nc -

2903664 - Existing NetCDF files
File : 2903664_meta.nc - 2903664_prof.nc -

2903665 - Existing NetCDF files
File : 2903665_meta.nc - 2903665_prof.nc -

2903666 - Existing NetCDF files
File : 2903666_Sprof.nc - 2903666_meta.nc - 2903666_prof.nc -

2903667 - Existing NetCDF files
File : 2903667_Sprof.nc - 2903667_meta.nc - 2903667_prof.nc -

2903669 - Existing NetCDF files
File : 2903669_Sprof.nc - 2903669_meta.nc - 2903669_prof.nc -

2903670 - Existing NetCDF files
File : 2903670_Sprof.nc - 2903670_meta.nc - 2903670_prof.nc -

2903671 - Existing NetCDF files
File : 2903671_meta.nc - 2903671_prof.nc -

2903672 - Existing NetCDF files
File : 2903672_Sprof.nc - 2903672_meta.nc - 2903672_prof.nc -

2903700 - Existing NetCDF files
File : 2903700_Sprof.nc - 2903700_meta.nc - 2903700_prof.nc -

2903701 - Existing NetCDF files
File : 2903701_meta.nc - 2903701_prof.nc -

2903730 - Existing NetCDF files
File : 2903730_meta.nc - 2903730_prof.nc -

2903731 - Existing NetCDF files
File : 2903731_meta.nc - 2903731_prof.nc -

3902388 - Existing NetCDF files
File : 3902388_meta.nc - 3902388_prof.nc -

3902389 - Existing NetCDF files
File : 3902389_meta.nc - 3902389_prof.nc -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

5905227 - Existing NetCDF files
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5905228 - Existing NetCDF files
File : 5905228_meta.nc - 5905228_prof.nc -

5905229 - Existing NetCDF files
File : 5905229_Sprof.nc - 5905229_meta.nc - 5905229_prof.nc -

5905232 - Existing NetCDF files
File : 5905232_Sprof.nc - 5905232_meta.nc - 5905232_prof.nc -

5905233 - Existing NetCDF files
File : 5905233_meta.nc - 5905233_prof.nc -

5905834 - Existing NetCDF files
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5905835 - Existing NetCDF files
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5905836 - Existing NetCDF files
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5905837 - Existing NetCDF files
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5905838 - Existing NetCDF files
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5905839 - Existing NetCDF files
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5905840 - Existing NetCDF files
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5905841 - Existing NetCDF files
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5905842 - Existing NetCDF files
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5905843 - Existing NetCDF files
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5905844 - Existing NetCDF files
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5905845 - Existing NetCDF files
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5905846 - Existing NetCDF files
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5905848 - Existing NetCDF files
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5905849 - Existing NetCDF files
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5905851 - Existing NetCDF files
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5905852 - Existing NetCDF files
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5905853 - Existing NetCDF files
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5905854 - Existing NetCDF files
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5905855 - Existing NetCDF files
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5905856 - Existing NetCDF files
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5905857 - Existing NetCDF files
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5905858 - Existing NetCDF files
File : 5905858_meta.nc - 5905858_prof.nc -

5905860 - Existing NetCDF files
File : 5905860_meta.nc - 5905860_prof.nc -

5905861 - Existing NetCDF files
File : 5905861_meta.nc - 5905861_prof.nc -

5905862 - Existing NetCDF files
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5905863 - Existing NetCDF files
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5905864 - Existing NetCDF files
File : 5905864_meta.nc - 5905864_prof.nc -

5905865 - Existing NetCDF files
File : 5905865_meta.nc - 5905865_prof.nc -

5905866 - Existing NetCDF files
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5905867 - Existing NetCDF files
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5905868 - Existing NetCDF files
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5905869 - Existing NetCDF files
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5905870 - Existing NetCDF files
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5905871 - Existing NetCDF files
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5905872 - Existing NetCDF files
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5905875 - Existing NetCDF files
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5905876 - Existing NetCDF files
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5905877 - Existing NetCDF files
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5905878 - Existing NetCDF files
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5905879 - Existing NetCDF files
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5905881 - Existing NetCDF files
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5905882 - Existing NetCDF files
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5906385 - Existing NetCDF files
File : 5906385_meta.nc - 5906385_prof.nc -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

7900874 - Existing NetCDF files
File : 7900874_Sprof.nc7900874_meta.nc7900874_prof.nc

File : 7900881_Sprof.nc - 7900881_meta.nc - 7900881_prof.nc

8.8. KMA

For some floats :

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

See below the list of floats with existing nc files :
DAC name : kma – Number of floats : 259
2901213 - Existing nc files
File : 2901213_Rtraj.nc - 2901213_meta.nc - 2901213_prof.nc

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

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

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

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

2901809 - Existing NetCDF files
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

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 : 115
2901779 - Existing NetCDF files
File : 2901779_meta.nc - 2901779_prof.nc - 2901779_tech.nc

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

2901805 - Existing NetCDF files
File : 2901805_meta.nc - 2901805_prof.nc - 2901805_tech.nc

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

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

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

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

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

8.10. MEDS

For some floats :

- traj file missing

See below the list of floats with existing nc files :
DAC name : meds – Number of floats : 655

8.11. NMDIS

For some floats :

-

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