



GDAC Float Anomalies Monitoring

November 2023

Christine Coatanoan-Girou

Coriolis



NOTES

NOVEMBER 2017

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

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

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

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

DECEMBER 2017

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

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

January 2018

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

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

The problem has been resolved rapidly.

May 2018

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

July 2018

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

March 2019

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

April 2019

Re-organization of the report

June 2019

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

September 2019

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

October 2019

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

November 2019

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

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

February 2020

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

March 2020

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

April 2020

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

October 2020

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

November 2020

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

March 2021

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

December 2021

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

March 2023

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

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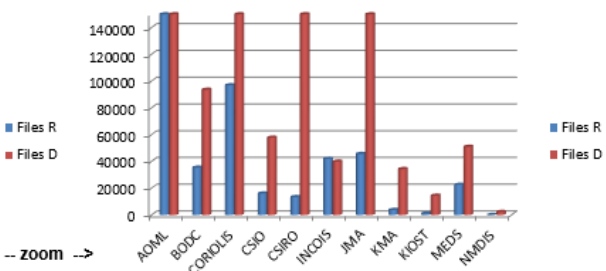
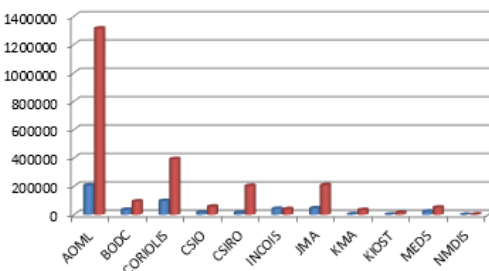
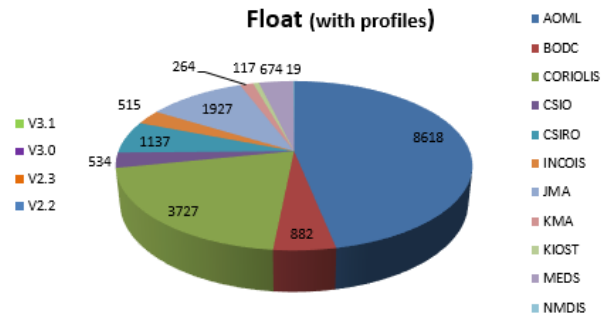
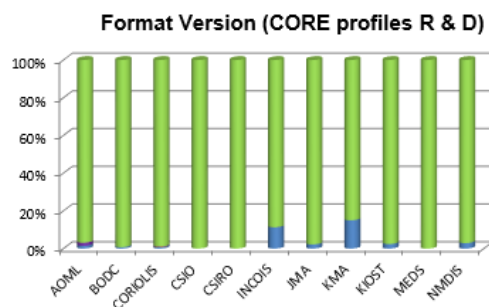
1. Anomalies of Argo profiles – Suspected drift

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

DAC	WMO	PI	First station in alert	First cycle in alert	Last Station in alert	Last cycle in alert	QC level in RT in Coriolis DB	Description	SENSOR_MODEL	SERIAL_NUM	Failure_Type for Coriolis DB (1- drift, 2-bias, 3- weird, 4-wrecked, 5-pressure, 6- adjustment issue)	Comment All drift mentions are SUSPICION drift value mentions are visual impression surrounding profiles = close in space (position diff < 2 degrees latitude/longitude) and in time (date diff < 5 years)	GreyList recommendation PSAL/TEMP grey list, flag 3/4, from cycle N, PI/DM response: N/A"
NEW													
AOML	1901731	BRECK OWENS, STEVEN JAYNE, P. E. ROBBINS	2023/12/03	309			3	Argo WHOI	SBE41CP	6473	1	Slight drift, float greylisted but QC2, should be 3	
AOML	1902196	GREGORY C. JOHNSON	2023/11/08	197	2023/11/28	199	3	Argo PMEL	SBE41CP	09842	1	Drift, jump	
AOML	2903424	Dean ROEMMICH	2023/11/16	202	2023/11/25	203	3	Argo SIO	SBE41CP	9826	1	Drift	
AOML	3901248	GREGORY C. JOHNSON	2023/11/20	162			3	Argo PMEL	SBE61	5709	1	Drift	
AOML	3901820	BRECK OWENS, STEVEN JAYNE, P. E. ROBBINS	2023/11/06	242			3	Argo WHOI	SBE41CP	8636	1	Slight drift	
AOML	4902937	GREGORY C. JOHNSON	2023/11/07	234	2023/11/27	236	3	Argo PMEL	SBE41CP	09041	1	Drift	
AOML	4903200	GREGORY C. JOHNSON	2023/11/07	170	2023/11/27	172	3	Argo PMEL	SBE41CP	11073	1	Drift	
AOML	4903206	GREGORY C. JOHNSON	2023/11/12	167			3	Argo PMEL	SBE41CP	11150	1	Drift	
AOML	4903563	SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS	2023/11/25	23	2023/11/30	24	3	Argo WHOI	SBE41CP	16764	1	Slight drift ?	
AOML	5904381	GREGORY C. JOHNSON	2023/06/24	328	2023/09/12	336	3	Argo PMEL	SBE41CP	5935	1	Drift	
AOML	5904824	STEPHEN RISER	2023/11/04	256	2023/12/04	259	3	Argo UW	SBE41CP	7886	1	ASD, drift, jump ?	
AOML	5906100	GREGORY C. JOHNSON	2023/11/28	167			3	Argo PMEL	SBE41CP	11148	1	Drift	
AOML	5906154	GREGORY C. JOHNSON	2023/11/09	163	2023/11/29	165	3	Argo PMEL	SBE41CP	11115	1	Drift	
BODC	6903727	Brian King	2023/11/28	143			3	Argo UK	RBR_ARGO3		1	Slight drift ?	
CSIRO	5905501	Tom Trull	2023/11/26	128			3	Argo AUSTRALIA	SBE41CP_V7.2.5	16651	1	Drift	
CSIRO	5905521	Peter Oke	2023/11/18	55			3	Argo Australia	SBE41CP_V7.2.5	14197	1	Drift	
CSIRO	5905541	Peter Oke	2023/12/03	31			3	Argo Australia	SBE41CP_V7.2.5	17364	1	Drift	
PREVIOUS REPORTS (in last 2 months)													
AOML	3901278	GREGORY C. JOHNSON	2023/10/10	244	2023/11/29	249	3	Argo PMEL	SBE41CP	08463	1	Drift	
AOML	3901284	GREGORY C. JOHNSON	2022/06/24	197	2023/11/26	249	3	Argo PMEL	SBE41CP	08546	1	Drift	PSAL_3_197,N/A
AOML	3901304	GREGORY C. JOHNSON	2023/10/05	190	2023/11/24	195	3	Argo PMEL	SBE41CP	09960	1	Drift	PSAL_3_197,N/A
AOML	3901479	DEAN ROEMMICH	2023/08/13	214	2023/11/21	224	3	Argo SIO	SBE41CP_V7.2.5	9441	1	Slight drift ? PSAL_ADJUSTED (ok) corrected from previous DM profiles ?	
AOML	3902150	GREGORY C. JOHNSON	2022/09/21	134	2023/10/20	174	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	4903195	GREGORY C. JOHNSON	2023/06/10	155	2023/11/17	171	3	Argo PMEL	SBE41CP	11158	1	Drift	PSAL_3_155,N/A
AOML	4903203	GREGORY C. JOHNSON	2023/06/28	150	2023/11/05	163	3	Argo PMEL	SBE41CP	1173	1	Slight drift	
AOML	4903586	STEPHEN RISER	2023/06/20	1	2023/10/01	11	3	Argo UW	SBE41CP	16404	1	Drift from first cycle	
AOML	5902495	DEAN ROEMMICH -> Grey List ? not yet	2023/09/23	173	2023/12/03	282	3	Argo SIO	SBE41CP_V7.2.5	8156	1	Drift for raw data, adjustment not enough ?	
AOML	5904576	GREGORY C. JOHNSON	2019/06/28	158	2023/11/14	318	3	Argo PMEL	SBE41CP	6278	1	Drift - First QC3 on PSAL_ADJUSTED (adjustment outside minmax range) then a drift from cycle 240 ?	
AOML	5904836	STEPHEN RISER	2023/09/15	251	2023/12/03	259	3	Argo UW	SBE41CP	8017	1	ASD	PSAL_3_251,N/A
AOML	5905152	STEPHEN RISER	2023/10/05	217	2023/12/04	223	3	Argo UW	SBE41CP	8356	1	Slight drift ?	
AOML	5905316	GREGORY C. JOHNSON	2021/07/26	108	2023/12/03	194	3	Argo	SBE41CP	09938	1	Drift : PSAL ok but PSAL_ADJUSTED not good for first warning cycles, bad adjustment	
AOML	5905668	GREGORY C. JOHNSON	2023/08/17	183	2023/11/25	193	3	Argo PMEL	SBE41CP	09940	1	Drift	PSAL_3_183,N/A
BODC	3901950	Romain Cancouet	2023/10/20	213	2023/11/19	216	3	ARGO MOCCA-EU	SBE41CP_V7.2.5	8521	1	Jump/drift ?	
CORIOLIS	6903298	Dimitris KASSIS	2023/10/06	139	2023/11/09	146	3	Argo GREECE	SBE41CP	13824	1	Drift	
CORIOLIS	6904133	Birgit Klein	2023/08/16	60	2023/10/27	67	3	Argo BSH	SBE41CP	15467	1	Slight drift ?	
INCOIS	2902184	M Ravichandran	2023/03/05	270	2023/11/30	297	3	Argo INDIA	SBE41CP	6674	1	Slight drift	
INCOIS	2902185	M Ravichandran	2020/12/29	190	2023/11/24	296	3	Indian Argo	SBE41CP	6670	1		
INCOIS	2902200	M Ravichandran	2023/03/21	258	2023/11/26	283	3, 3.4	Indian Argo	SBE41	7649	1	Drift	
INCOIS	2902201	M Ravichandran	2020/08/23	164	2023/11/24	283	3	Indian Argo	SBE41	7642	1		
INCOIS	2902222	M Ravichandran	2020/06/09	161	2023/11/26	251	3	Indian Argo	SBE41	6672	1	Drift	
INCOIS	4903776	M Ravichandran	2023/09/21	1	2023/10/01	2	3	Indian Argo	SBE41CP	19164	1	Bad TEMP, then PSAL	
INCOIS	5907093	M Ravichandran	2023/09/19	1	2023/11/28	8	3	Indian Argo	SBE41CP	19140	1	First cycle, drift comparing to behaviour profiles	
JMA	2903733	JMA	2023/10/15	24			3	JMA	SBE41CP_V7.2.5	17871	1	Slight drift	
KORDI	3902470	Sung-Dae kim	2022/10/13	1	2023/11/27	42	3	Argo KIOST	SBE41CP	16477	2	Bias from beginning ?	
MEDS	4902440	Blair Greenan	2023/10/08	183	2023/11/18	187	3	Argo CANADA	SBE41CP	41CP-10467	1	Drift ?	
MEDS	4902443	Blair Greenan	2023/04/16	152	2023/11/26	174	3	Argo CANADA	SBE41CP	41CP-10472	1	Drift	
MEDS	4902444	Blair Greenan	2023/08/09	163	2023/11/23	174	3	Argo CANADA	SBE41CP	41CP-10473	1	Slight drift	
MEDS	4902445	Blair Greenan	2022/12/23	165	2023/11/25	198	3	Argo CANADA	SBE41CP	41CP-10474	1	Slight drift ? Comparing to neighbour, seems drifted	
MEDS	4902595	Blair Greenan	2022/10/21	19	2023/11/24	58	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	5904821	STEPHEN RISER -> Grey List	2023/10/16	254			3	Argo UW	SBE41CP	7885	1	ASD	
BODC	1901887	Jon Turton -> Grey List	2023/09/22	226	2023/10/24	242	3	Argo UK	SBE41	9199	1	Slight drift	
CORIOLIS	7900510	Birgit Klein -> Grey List	2023/09/02	172	2023/12/03	181	3	Argo BSH	SBE41CP_V7.2.5	11179	1	Slight drift ?	

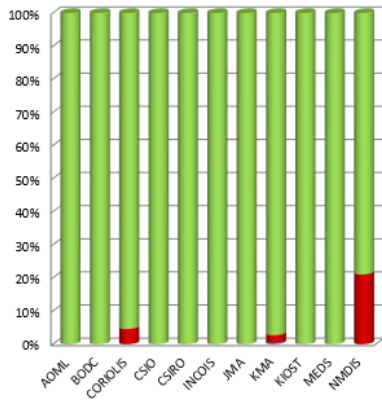
2. Statistics on floats and format version (End of November 2023)

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

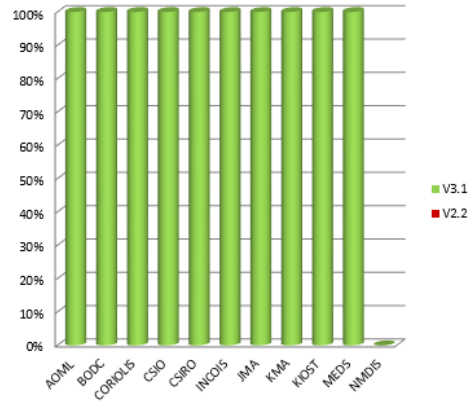


Plots showing format_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.

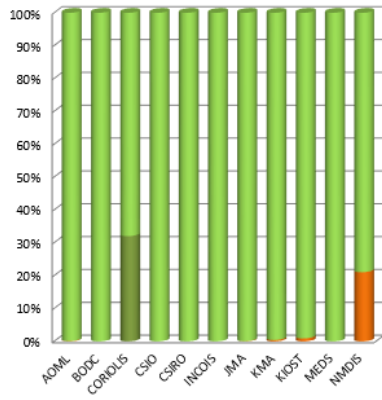
Metadata Files - Dead floats



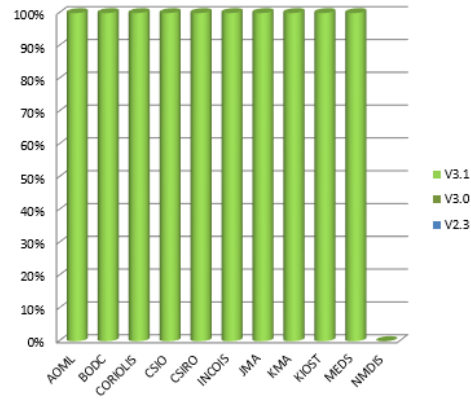
Metadata Files - Active floats



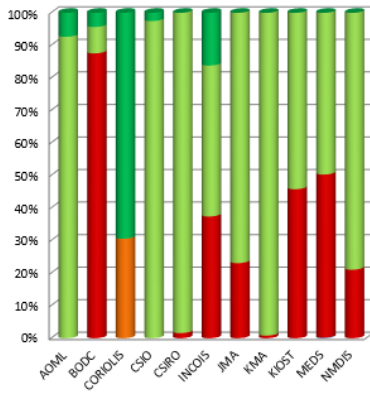
Technical Files - Dead floats



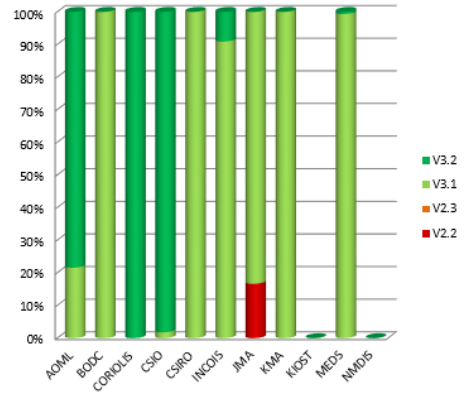
Technical Files - Active floats



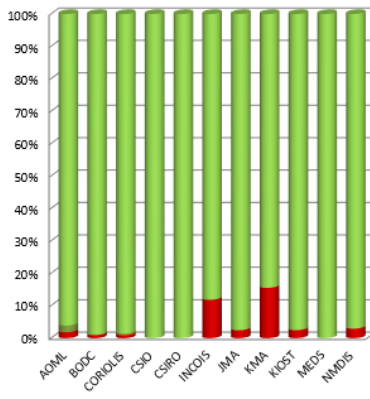
Trajectory Files - Dead floats



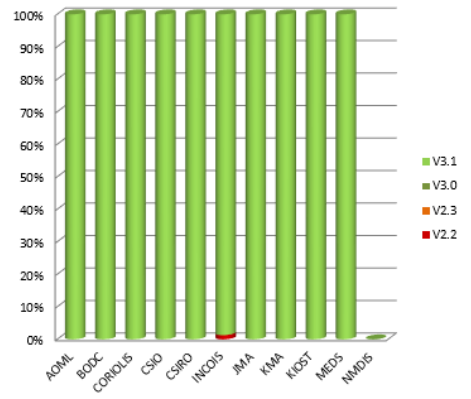
Trajectory Files - Active floats



Profile files - Dead floats

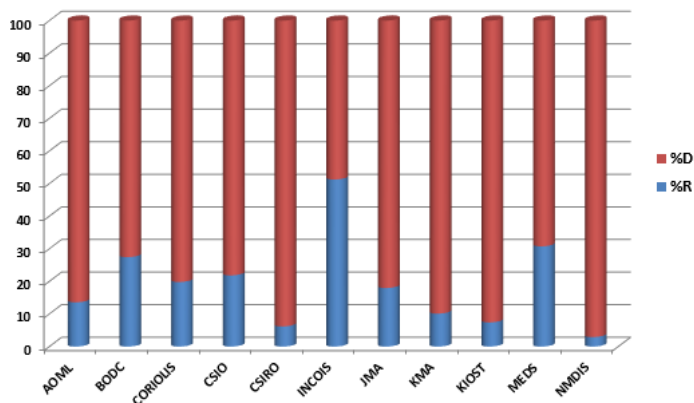


Profile Files - Active floats



Delayed mode percentage by DAC

Percentage of Core DM and RT files by DAC

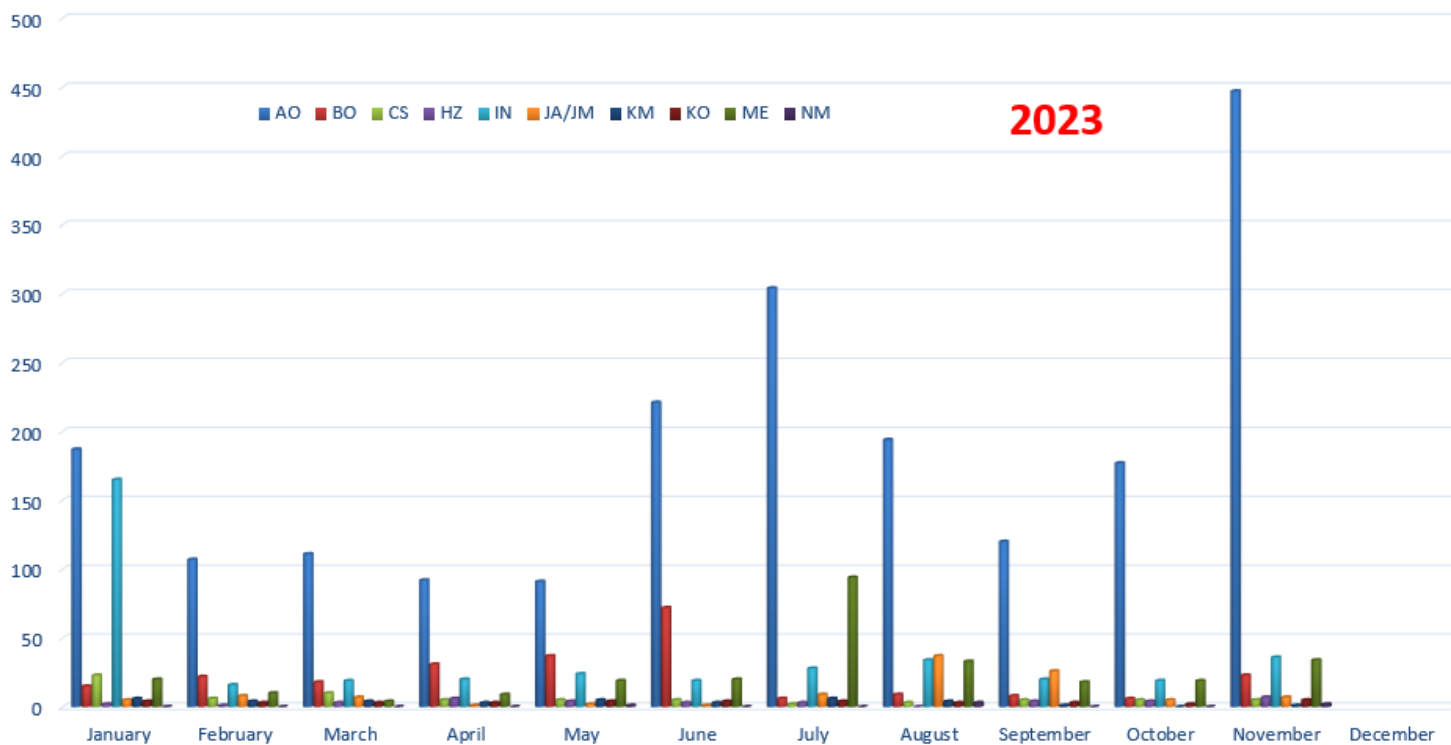


DACS	%R	%D
AOML	13,58	86,42
BODC	27,45	72,55
CORIOLIS	19,81	80,19
CSIO	21,83	78,17
CSIRO	6,19	93,81
INCOIS	51,26	48,74
JMA	17,96	82,04
KMA	10,11	89,89
KIOST	7,42	92,58
MEDS	30,76	69,24
NMDIS	2,93	97,07

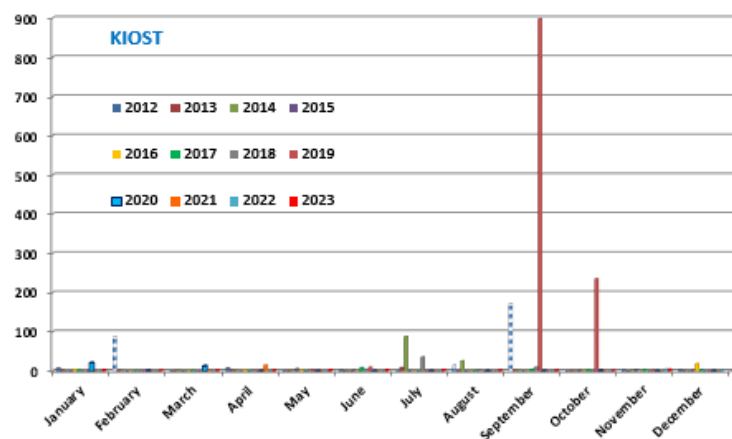
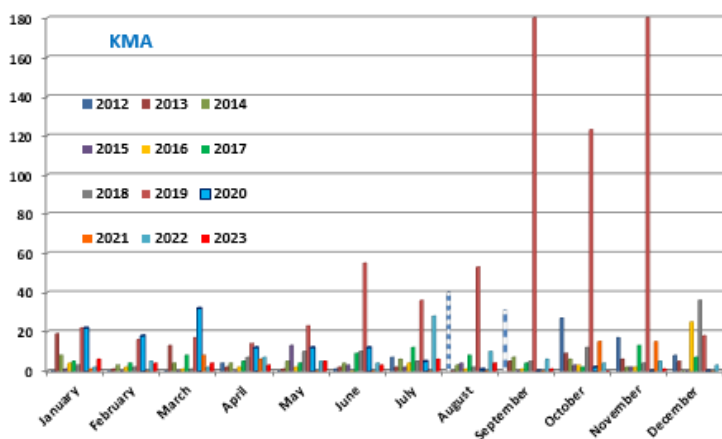
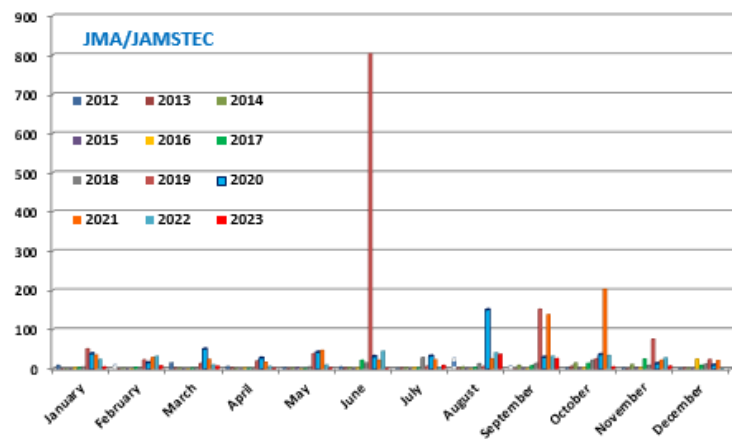
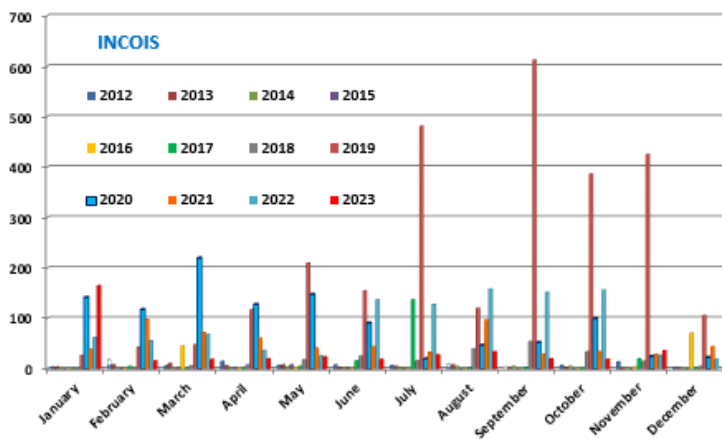
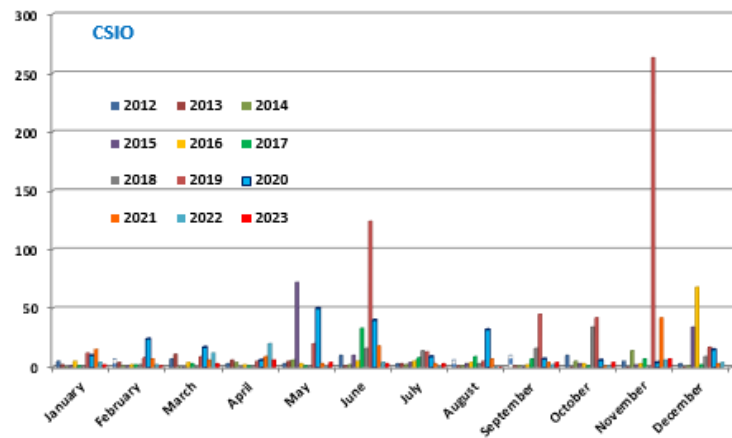
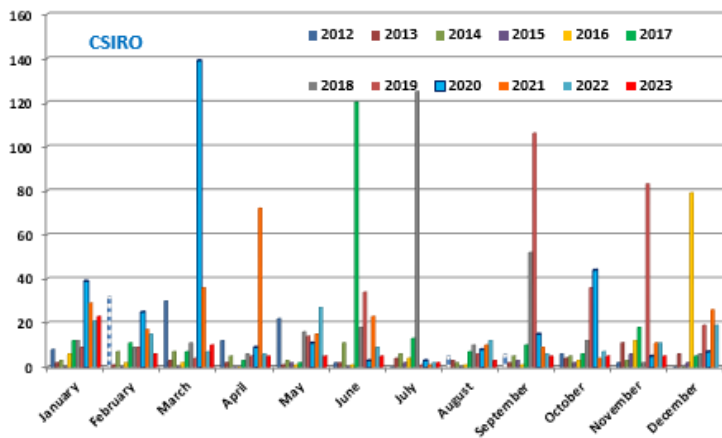
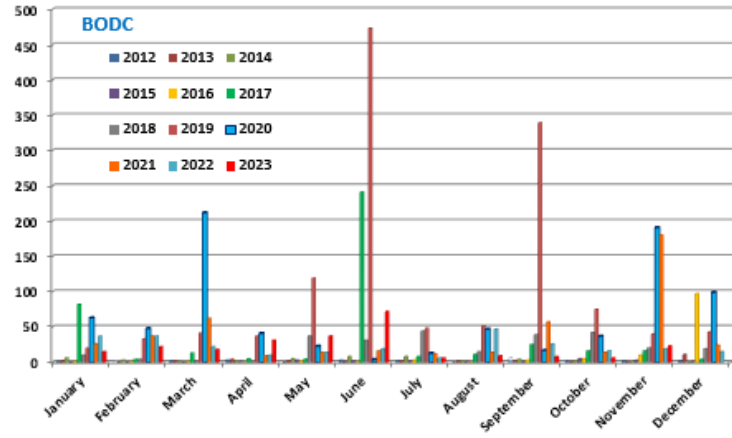
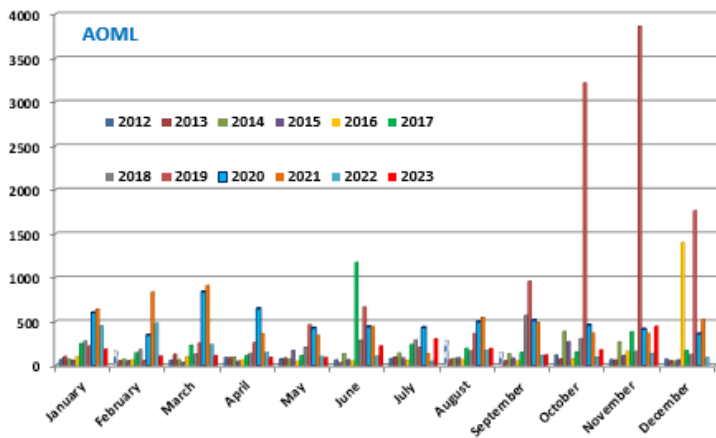
3. Statistics on Anomalies

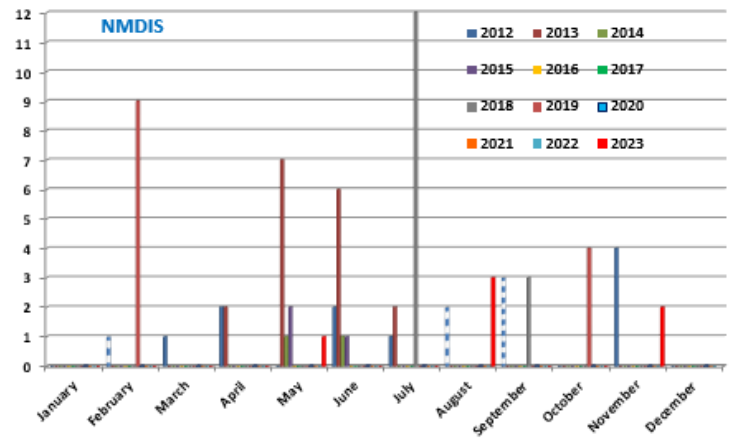
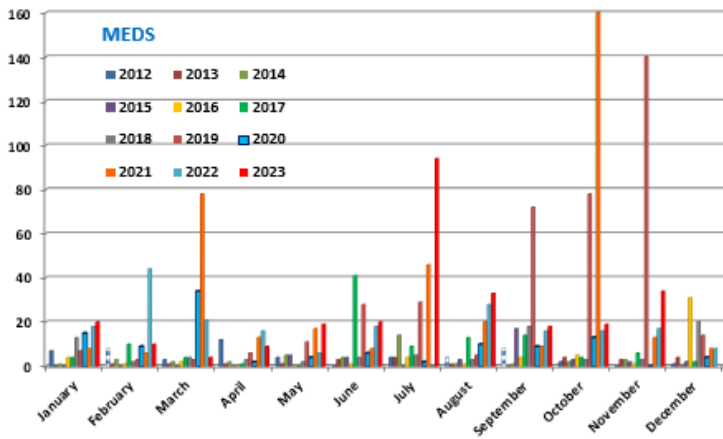
Plots showing evolution of number of anomalies by DAC.

3.1. Year

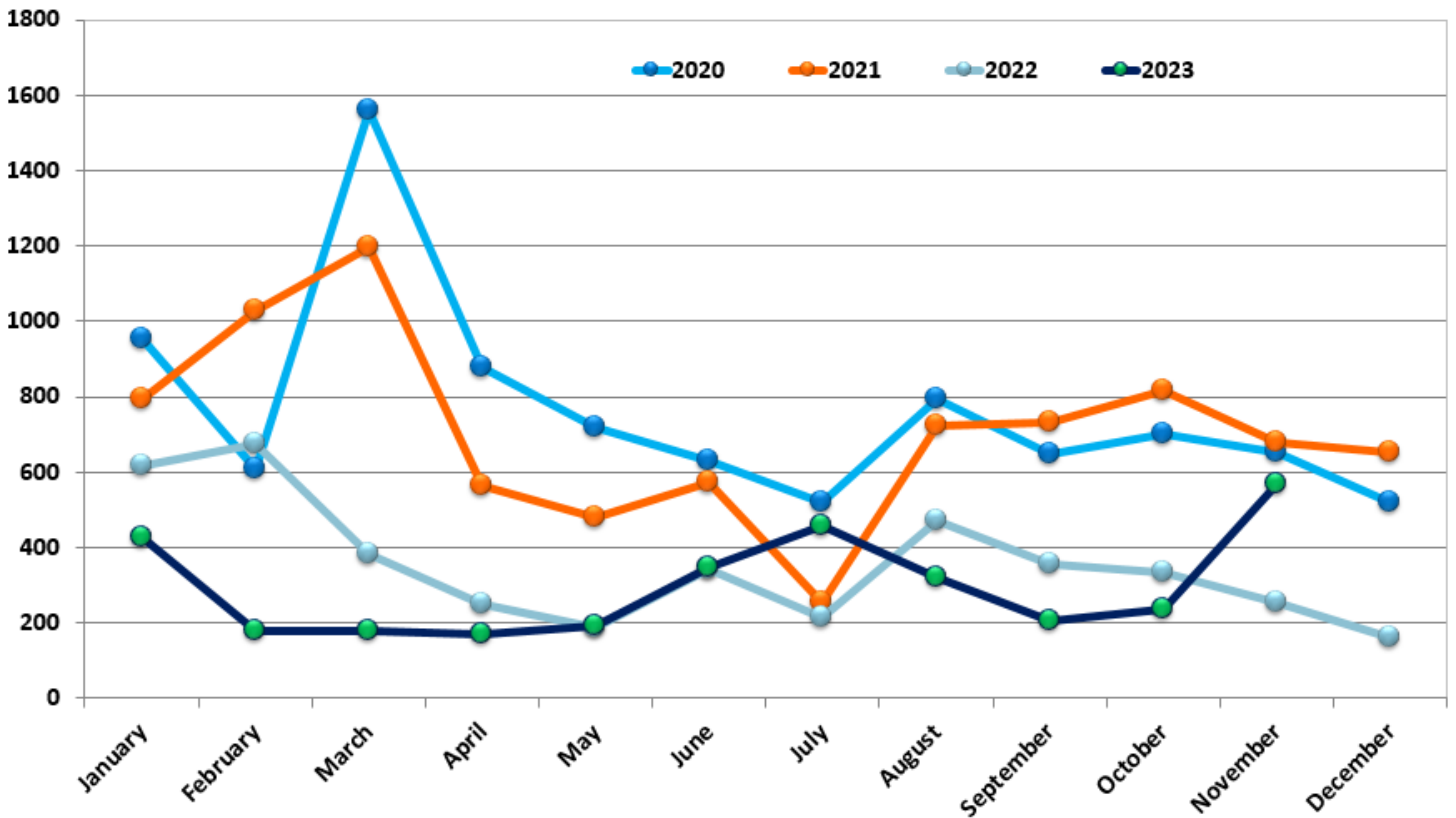


3.2. DAC





3.3. Anomalies by year, by month

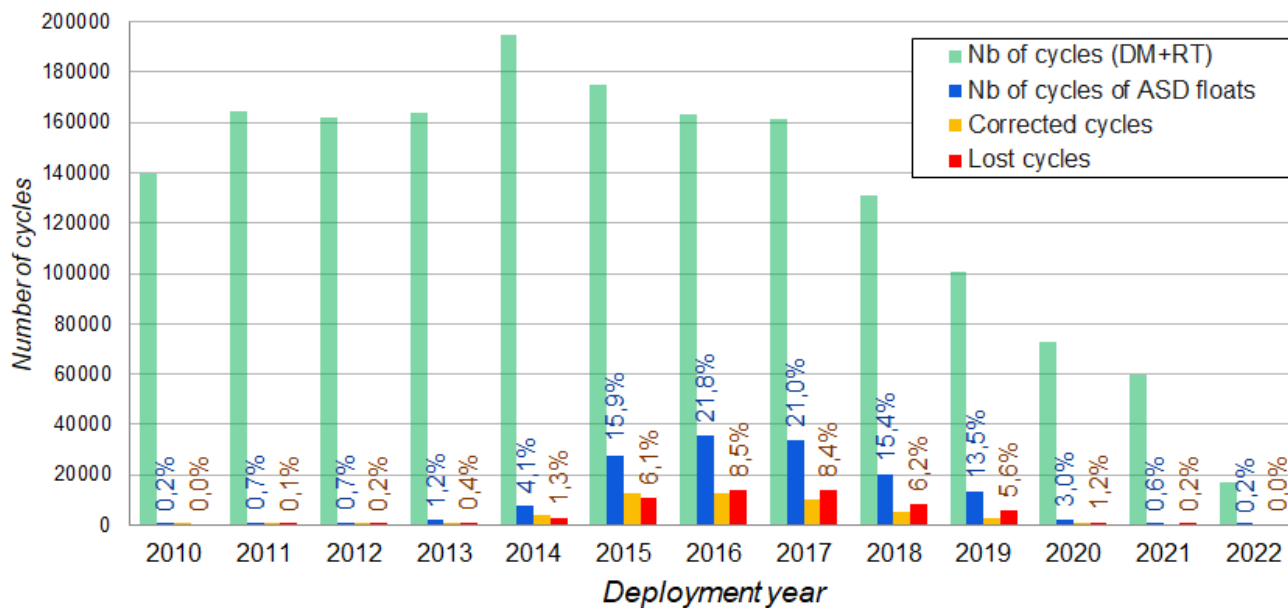


4. Fast Salinity Drift from the spreadsheet "Salinity drift assessment and statistics" (11/28/2022)

Please have a look on the plot showing :

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

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



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

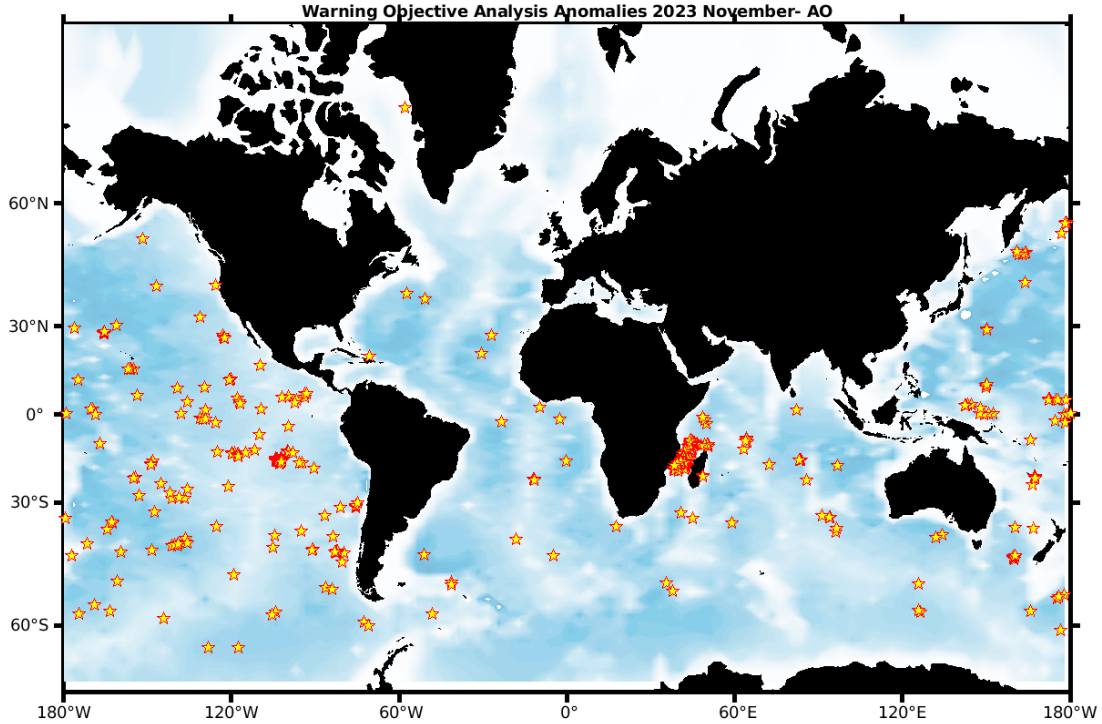
<https://docs.google.com/spreadsheets/d/1TA7SAnTiUvCK7AvGtSTUq3gu9QFbVdONj9M9zAq8CJU/edit?pli=1#gid=0>

5. DAC Anomalies

5.1. DAC AOML

Profiles detected by the objective analysis: 447 profiles (157 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
99 cycles	155 cycles	193 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 : 1901730 - Cycle : 329 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7202 - Date : 2023 6 13
Float : 1901825 - Cycle : 259 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7379 - Date : 2023 11 18
Float : 1901843 - Cycle : 258 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8491 - Date : 2023 11 9
Float : 1902040 - Cycle : 171 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8727 - Date : 2023 5 31
Float : 1902055 - Cycle : 119 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8867 - Date : 2023 10 9
Float : 1902196 - Cycle : 197 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0854 - Date : 2023 11 8
Float : 1902196 - Cycle : 198 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0854 - Date : 2023 11 18
Float : 1902196 - Cycle : 199 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0854 - Date : 2023 11 28
Float : 1902227 - Cycle : 153 - PI : WIJFFELS, JAYNE, ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7563 - Date : 2023 11 25
Float : 1902259 - Cycle : 116 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8879 - Date : 2023 9 18
Float : 1902264 - Cycle : 119 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8885 - Date : 2023 10 23
Float : 1902264 - Cycle : 120 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8885 - Date : 2023 11 2
Float : 1902265 - Cycle : 111 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8886 - Date : 2023 8 5
Float : 1902276 - Cycle : 117 - PI : WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7548 - Date : 2023 10 20
Float : 1902284 - Cycle : 68 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1294 - Date : 2023 11 2
Float : 1902392 - Cycle : 75 - PI : WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7645 - Date : 2023 11 22
Float : 1902421 - Cycle : 71 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7696 - Date : 2023 11 22
Float : 1902434 - Cycle : 69 - PI : WHOI: WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7766 - Date : 2023 10 17
Float : 1902480 - Cycle : 22 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7784 - Date : 2023 10 29
Float : 1902655 - Cycle : 18 - PI : JOSHUA K. WILLIS - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 10051 - Date : 2023 10 3

Float : 5906828 - Cycle : 54 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO_D_MRV - WMO inst type : 874 - FLOAT SERIAL : 12053 - Date : 2023 10 14
Float : 5906892 - Cycle : 4 - PI : PHIL SUTTON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3170 - Date : 2023 1 21
Float : 5906901 - Cycle : 8 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3163 - Date : 2023 1 8
Float : 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 : 5906901 - Cycle : 25 - 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 6 23
Float : 5906901 - Cycle : 26 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3163 - Date : 2023 7 3
Float : 5906901 - Cycle : 32 - 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 8 31
Float : 5906904 - Cycle : 9 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3184 - Date : 2023 2 9
Float : 5906905 - Cycle : 31 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3185 - Date : 2023 9 16
Float : 5906908 - Cycle : 3 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3188 - Date : 2023 1 3
Float : 5906913 - Cycle : 15 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3174 - Date : 2023 4 14
Float : 5906913 - Cycle : 32 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3174 - Date : 2023 9 28
Float : 5906916 - Cycle : 9 - PI : NATHALIE ZILBERMAN, DEAN ROEMMICH, SARAH PURKEY, JOHN GILSON - Data mode : A - Platform type : SOLO_D - WMO inst type : 862 - FLOAT SERIAL : 6093 - Date : 2023 1 29
Float : 5906917 - Cycle : 26 - PI : NATHALIE ZILBERMAN, DEAN ROEMMICH, SARAH PURKEY, JOHN GILSON - Data mode : A - Platform type : SOLO_D - WMO inst type : 862 - FLOAT SERIAL : 6094 - Date : 2023 6 5
Float : 5906922 - Cycle : 10 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3192 - Date : 2023 7 5
Float : 5906924 - Cycle : 4 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3194 - Date : 2023 6 4
Float : 5906924 - Cycle : 6 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3194 - Date : 2023 6 6
Float : 5906924 - Cycle : 9 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3194 - Date : 2023 6 26
Float : 5906924 - Cycle : 10 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3194 - Date : 2023 7 6
Float : 5906924 - Cycle : 12 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3194 - Date : 2023 7 26
Float : 5906924 - Cycle : 15 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3194 - Date : 2023 8 25
Float : 5906924 - Cycle : 17 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3194 - Date : 2023 9 13
Float : 5906934 - Cycle : 14 - PI : NATHALIE ZILBERMAN, DEAN ROEMMICH, SARAH PURKEY, JOHN GILSON - Data mode : A - Platform type : SOLO_D - WMO inst type : 862 - FLOAT SERIAL : 6105 - Date : 2023 6 6
Float : 5906941 - Cycle : 8 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3213 - Date : 2023 8 16
Float : 5906941 - Cycle : 12 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3213 - Date : 2023 9 25
Float : 5906941 - Cycle : 13 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3213 - Date : 2023 10 5
Float : 7900661 - Cycle : 283 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8366 - Date : 2022 5 20
Float : 7900661 - Cycle : 286 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8366 - Date : 2022 6 18
Float : 7900671 - Cycle : 301 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8456 - Date : 2023 9 26
Float : 7900679 - Cycle : 33 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_D - WMO inst type : 862 - FLOAT SERIAL : 6042 - Date : 2018 10 1
Float : 7900687 - Cycle : 156 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8753 - Date : 2023 3 4
Float : 7900804 - Cycle : 24 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3189 - Date : 2023 7 10
Float : 7900804 - Cycle : 25 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3189 - Date : 2023 7 20
Float : 7900805 - Cycle : 15 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3175 - Date : 2023 4 15
Float : 7900812 - Cycle : 29 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3183 - Date : 2023 9 27
Float : 7900835 - Cycle : 35 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9385 - Date : 2023 11 15

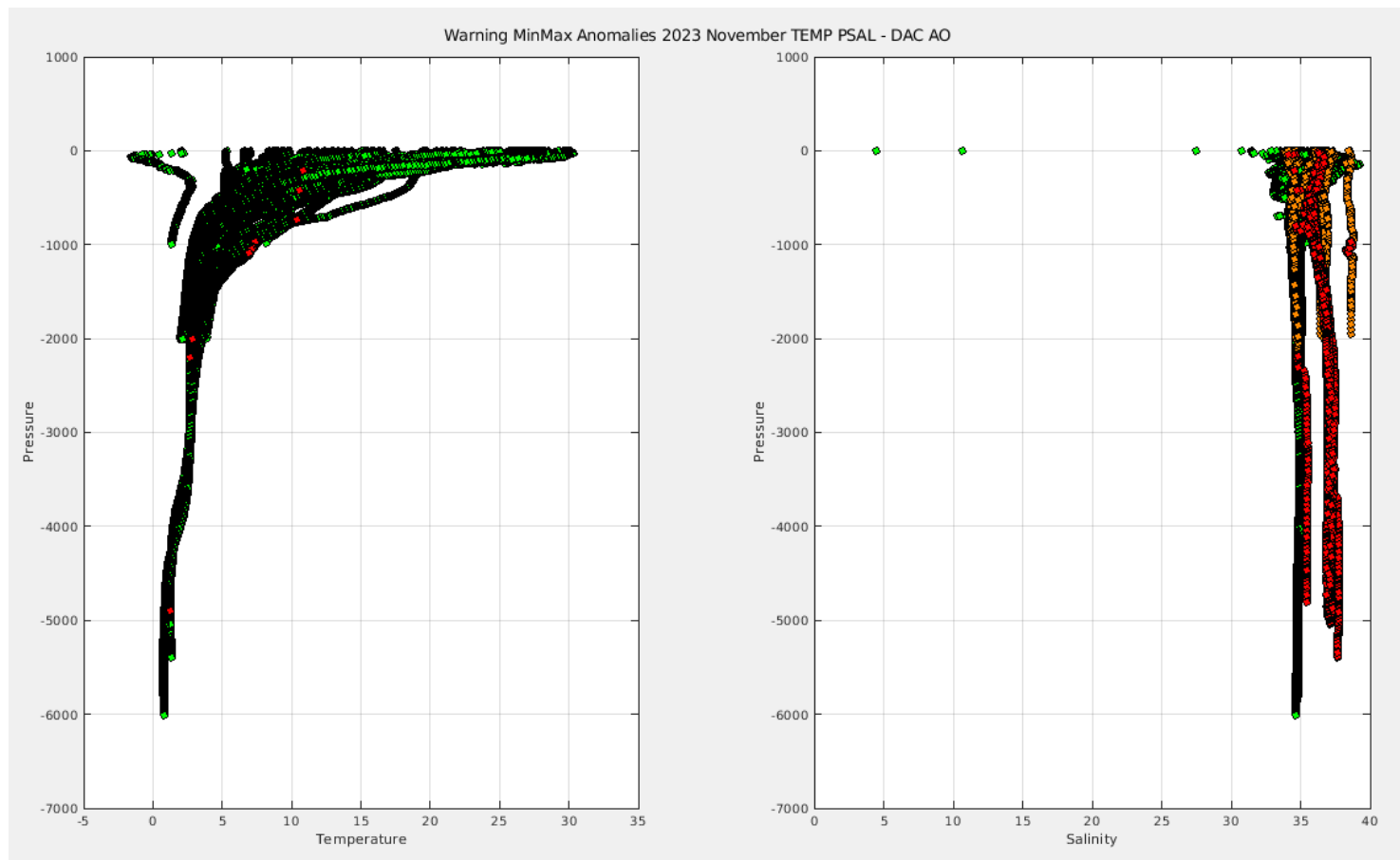
Files data mode='D' [in red corrections concern only raw data, all of the adjusted data is qc='4'. These files are pretty old and the old standard was to leave the raw qc values as designated during real time processing and just modify the adjusted flags during DMQC]

Float : 3901063 - Cycle : 80 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7280 - Date : 2017 10 17
Float : 3901063 - Cycle : 81 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7280 - Date : 2017 10 27
Float : 3901063 - Cycle : 82 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7280 - Date : 2017 11 6
Float : 3901063 - Cycle : 83 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7280 - Date : 2017 11 15
Float : 3901063 - Cycle : 84 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7280 - Date : 2017 11 25
Float : 3901186 - Cycle : 44 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0299 - Date : 2015 6 2
Float : 3901475 - Cycle : 198 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8586 - Date : 2023 3 3
Float : 3901481 - Cycle : 199 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8592 - Date : 2023 3 18
Float : 3902152 - Cycle : 113 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : SOLO_D_MRV - WMO inst type : 874 - FLOAT SERIAL : 12017 - Date : 2022 9 11
Float : 3902152 - Cycle : 114 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : SOLO_D_MRV - WMO inst type : 874 - FLOAT SERIAL : 12017 - Date : 2022 9 21

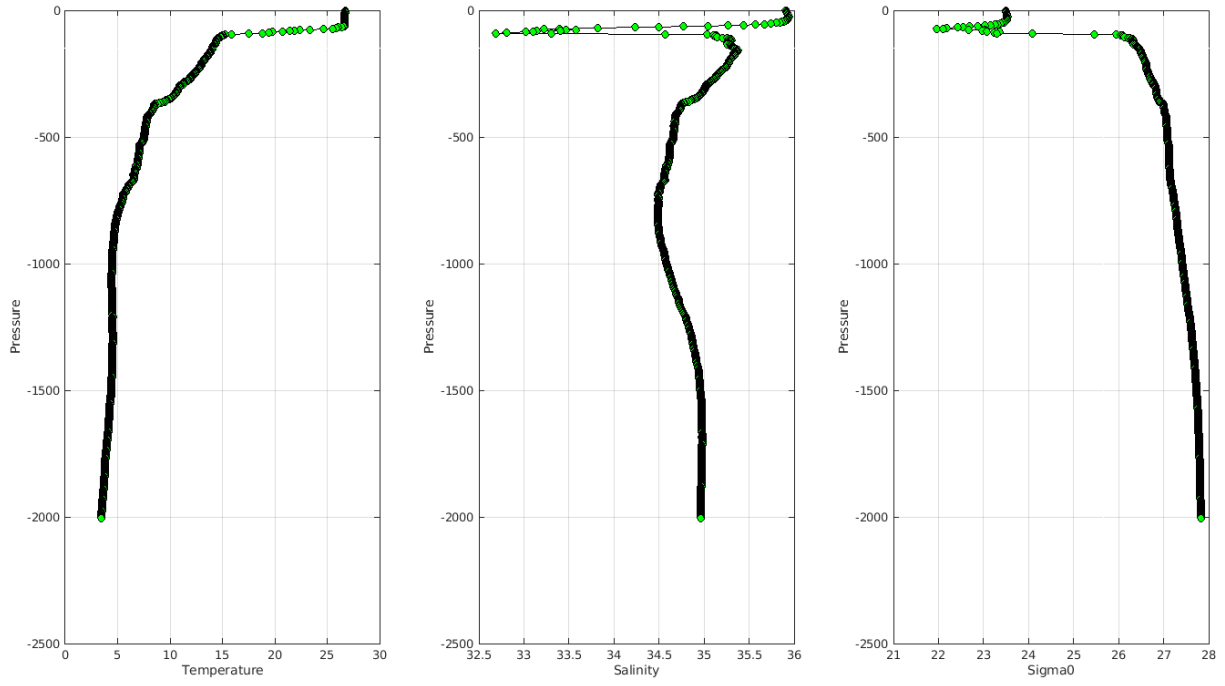
Float : 4903028 - Cycle : 141 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0900 - Date : 2022 9 11
 Float : 4903028 - Cycle : 142 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0900 - Date : 2022 9 21
 Float : 4903028 - Cycle : 143 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0900 - Date : 2022 10 1
 Float : 4903028 - Cycle : 144 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0900 - Date : 2022 10 11
 Float : 4903028 - Cycle : 145 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0900 - Date : 2022 10 21
 Float : 4903028 - Cycle : 146 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0900 - Date : 2022 10 31
 Float : 4903028 - Cycle : 147 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0900 - Date : 2022 11 10
 Float : 4903028 - Cycle : 148 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0900 - Date : 2022 11 20
 Float : 4903028 - Cycle : 149 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0900 - Date : 2022 11 30
 Float : 4903028 - Cycle : 150 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0900 - Date : 2022 12 10
 Float : 4903028 - Cycle : 151 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0900 - Date : 2022 12 20
 Float : 4903028 - Cycle : 152 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0900 - Date : 2022 12 30
 Float : 4903028 - Cycle : 153 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0900 - Date : 2023 1 9
 Float : 4903028 - Cycle : 154 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0900 - Date : 2023 1 19
 Float : 4903028 - Cycle : 155 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0900 - Date : 2023 1 29
 Float : 4903028 - Cycle : 156 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0900 - Date : 2023 2 8
 Float : 4903028 - Cycle : 157 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0900 - Date : 2023 2 18
 Float : 4903028 - Cycle : 158 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0900 - Date : 2023 2 28
 Float : 4903028 - Cycle : 159 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0900 - Date : 2023 3 10
 Float : 4903028 - Cycle : 160 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0900 - Date : 2023 3 20
 Float : 4903028 - Cycle : 164 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0900 - Date : 2023 4 29
 Float : 4903028 - Cycle : 165 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0900 - Date : 2023 5 9
 Float : 4903028 - Cycle : 166 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0900 - Date : 2023 5 19
 Float : 4903033 - Cycle : 46 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0943 - Date : 2019 10 1

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

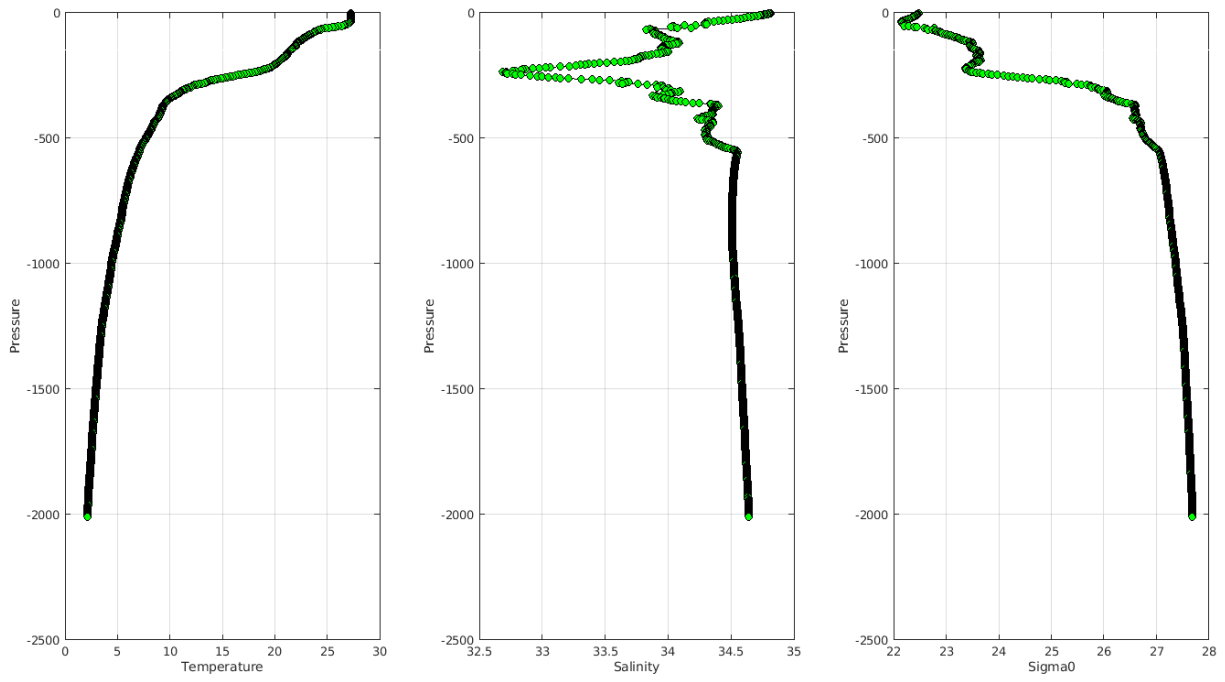
Example of anomalies:

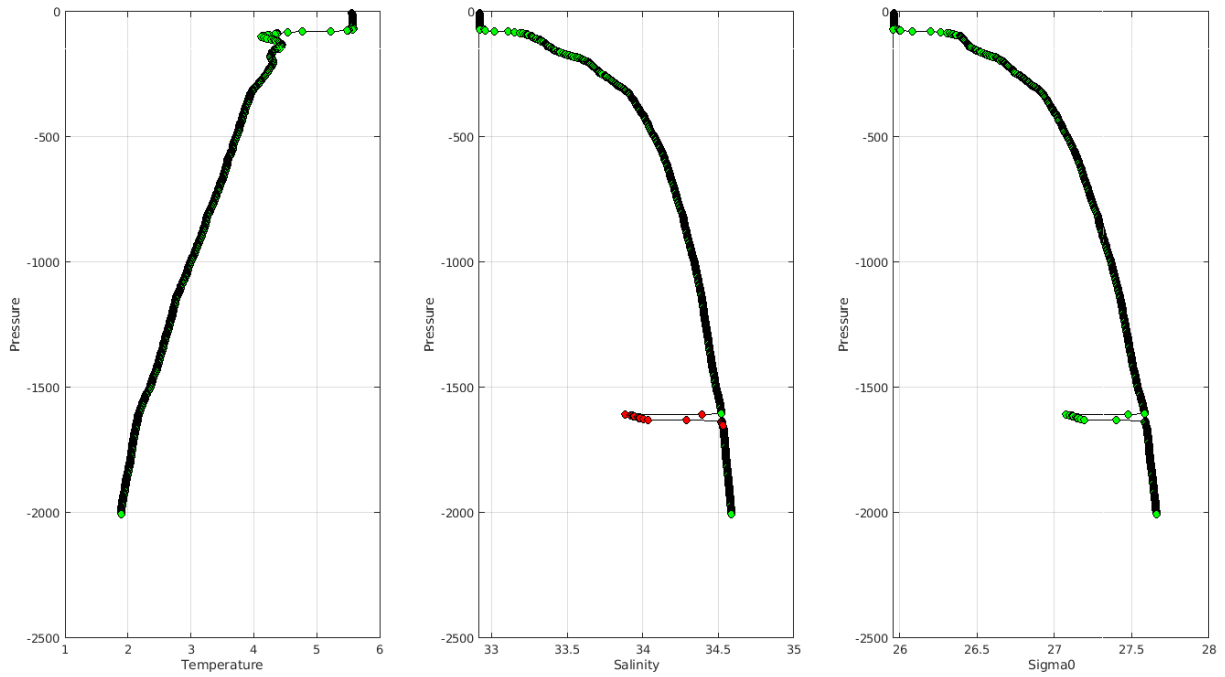


Warning MinMax Anomalies 2023 November TEMP PSAL : DAC AO- Float 1901825 - 259



Warning MinMax Anomalies 2023 November TEMP PSAL : DAC AO- Float 3901806 - 11





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,

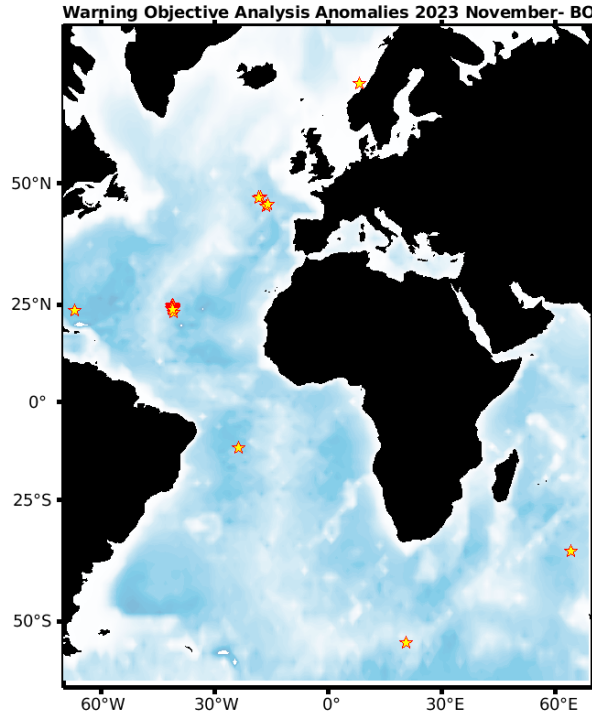
PI_name = CARL SZCZECHOWSKI - Float 6900376 cycle 44 to cycle 92 – cycle 98 to 128 – cycle 131 to 135

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: 23 profiles (8 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
4 cycles	19 cycles	0 cycle

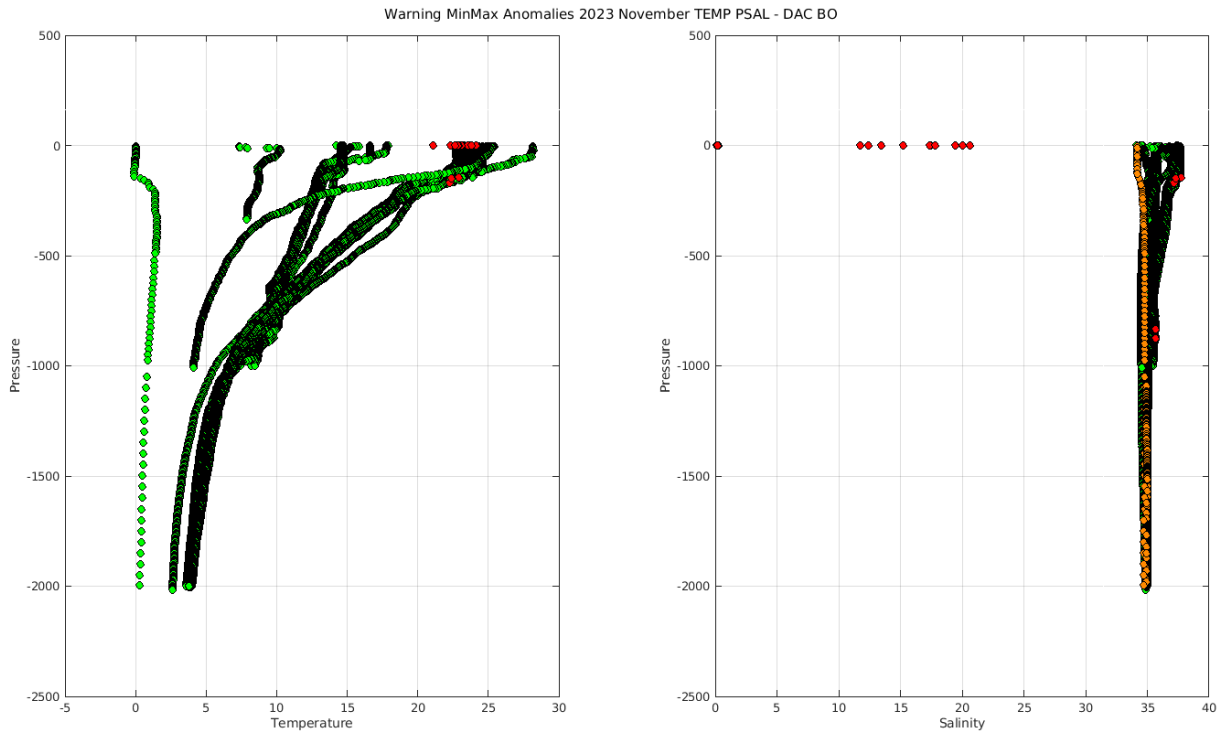


Status of corrections: Correction in progress, no regular feedback.

Files data_mode='R' / 'A'

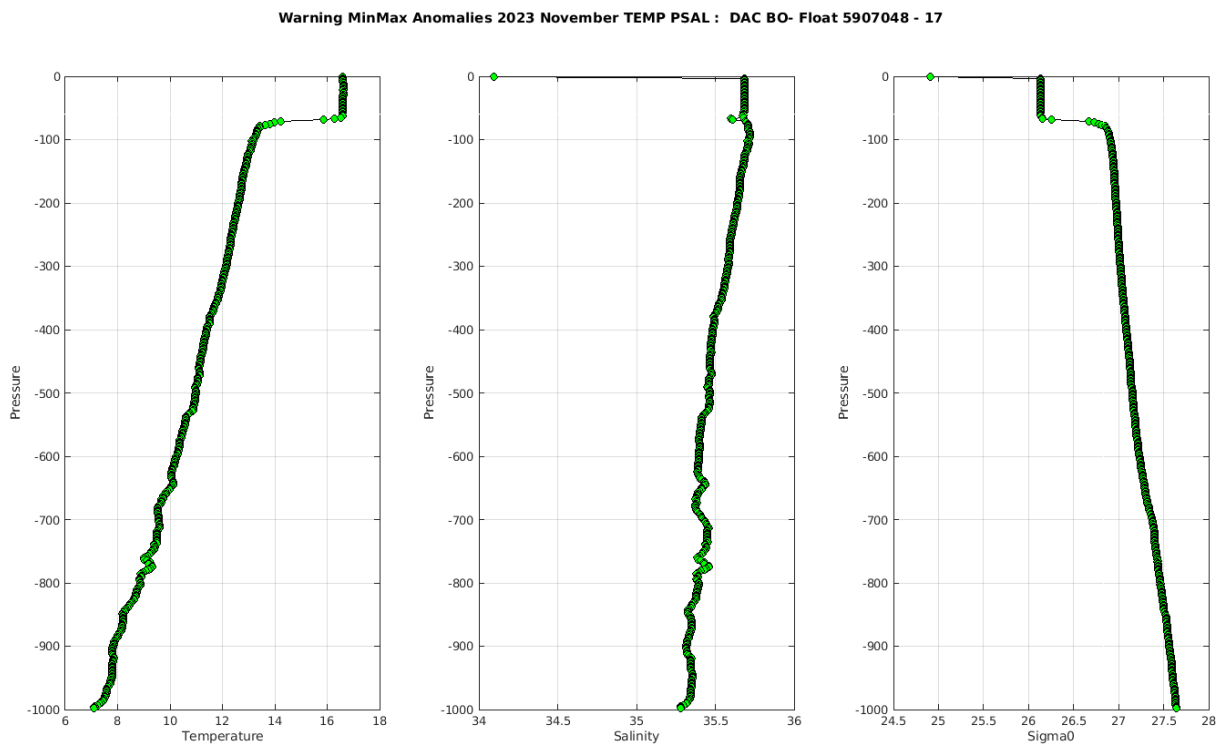
- Float : 3901556 - Cycle : 87 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8474 - Date : 2023 10 27
- Float : 3901950 - Cycle : 216 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR093 - Date : 2023 11 19
- Float : 3902494 - Cycle : 16 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 10066 - Date : 2023 10 8
- Float : 3902494 - Cycle : 20 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 10066 - Date : 2023 11 14
- Float : 5907048 - Cycle : 17 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 10069 - Date : 2023 10 22
- Float : 5907048 - Cycle : 19 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 10069 - Date : 2023 11 10
- Float : 6901939 - Cycle : 93 - PI : Conall O'Malley - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2632-18EU039 - Date : 2023 11 20
- Float : 6903727 - Cycle : 143 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2023 11 28
- Float : 6903753 - Cycle : 1 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2020 12 19
- Float : 6903753 - Cycle : 2 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2020 12 29
- Float : 6903753 - Cycle : 3 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2021 1 8
- Float : 6903753 - Cycle : 4 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2021 1 17
- Float : 6903753 - Cycle : 5 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2021 1 27
- Float : 6903753 - Cycle : 6 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2021 2 6
- Float : 6903753 - Cycle : 7 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2021 2 16
- Float : 6903753 - Cycle : 8 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2021 2 26
- Float : 6903753 - Cycle : 9 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2021 3 7
- Float : 6903753 - Cycle : 10 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2021 3 17
- Float : 6903753 - Cycle : 11 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2021 3 27
- Float : 6903753 - Cycle : 45 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2022 2 20
- Float : 6903753 - Cycle : 53 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2022 5 6
- Float : 6903753 - Cycle : 55 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2022 5 25
- Float : 6904188 - Cycle : 49 - PI : Nathan Briggs - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P44043-21UK007 - Date : 2023 10 21

Files data_mode='D'



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

Example of anomalies:



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

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

```

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

```

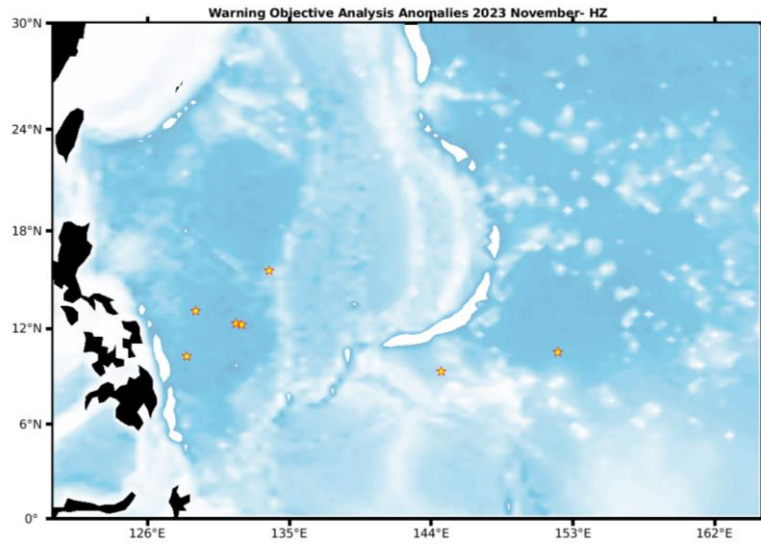
- Mix between RT and DM files: Float 6901181 ex below DM files till cycle 367 but a lot of old cycle in RT (1D, 2D, 3, 3D, 4,)

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

5.3. DAC CSIO

Profiles detected by the objective analysis: 7 profiles (4 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	3 cycles	4 cycles

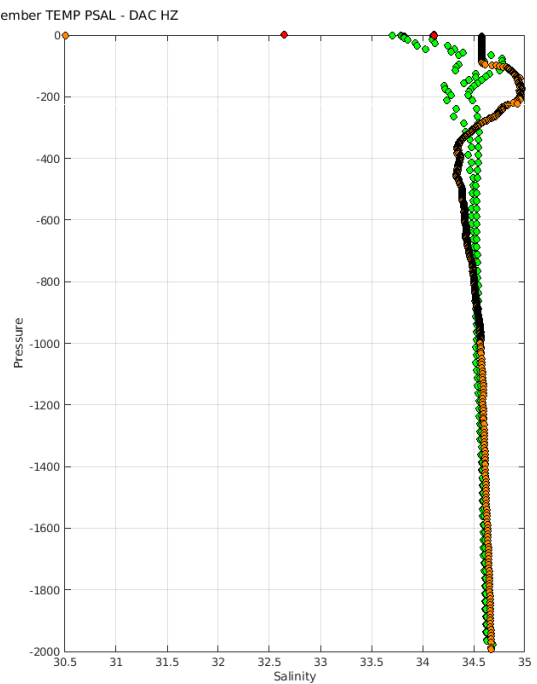
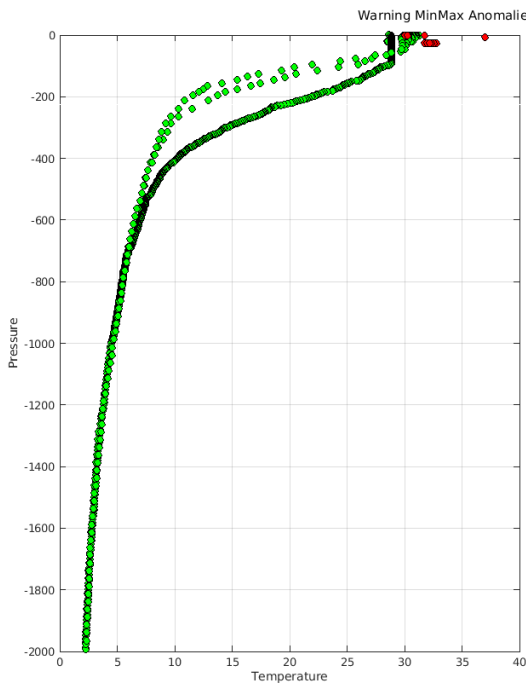


Status of corrections: *No regular feedback, corrections seem done.*

Files data_mode='R' / 'A'

- Float : 2901545 - Cycle : 83 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6570 - Date : 2016 4 3
- Float : 2901545 - Cycle : 92 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6570 - Date : 2016 7 2
- Float : 2901545 - Cycle : 133 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6570 - Date : 2017 8 16
- Float : 2901545 - Cycle : 134 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6570 - Date : 2017 8 26
- Float : 2902730 - Cycle : 131 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8260 - Date : 2020 12 26
- Float : 2902803 - Cycle : 144 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH021 - Date : 2023 10 27
- Float : 2902817 - Cycle : 149 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH026 - Date : 2023 11 20

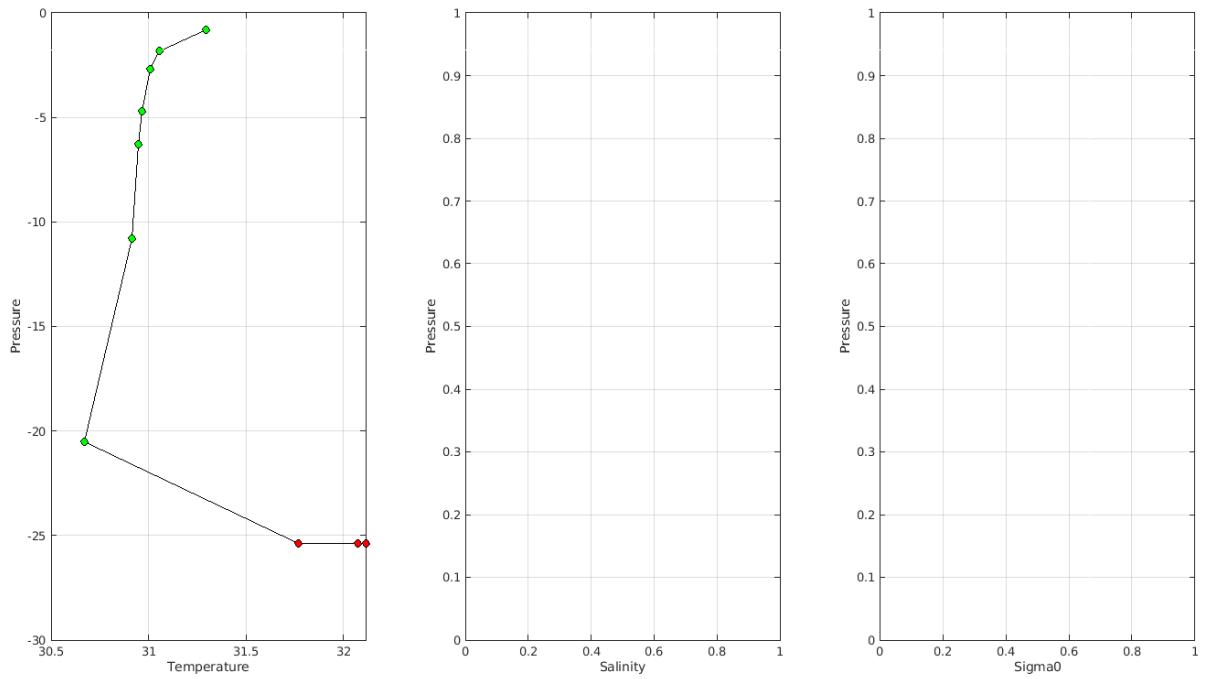
Files data_mode='D'



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

Example of anomalies:

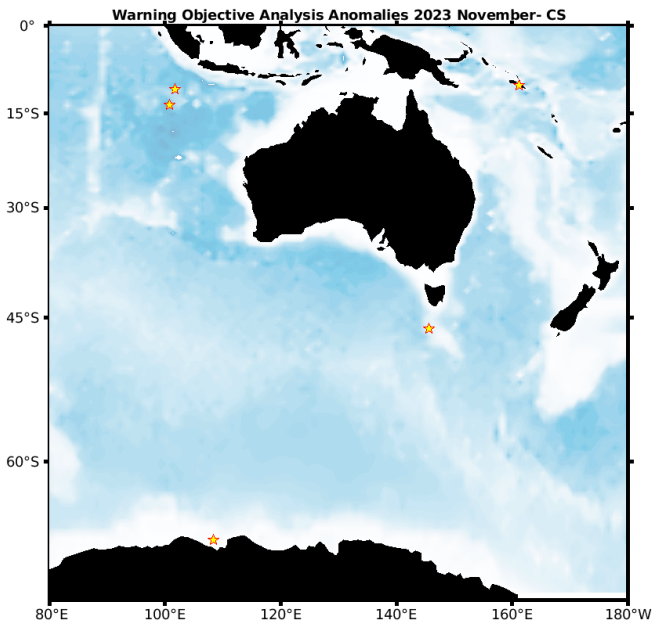
Warning MinMax Anomalies 2023 November TEMP PSAL : DAC HZ- Float 2901545 - 133



5.4. DAC CSIRO

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

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

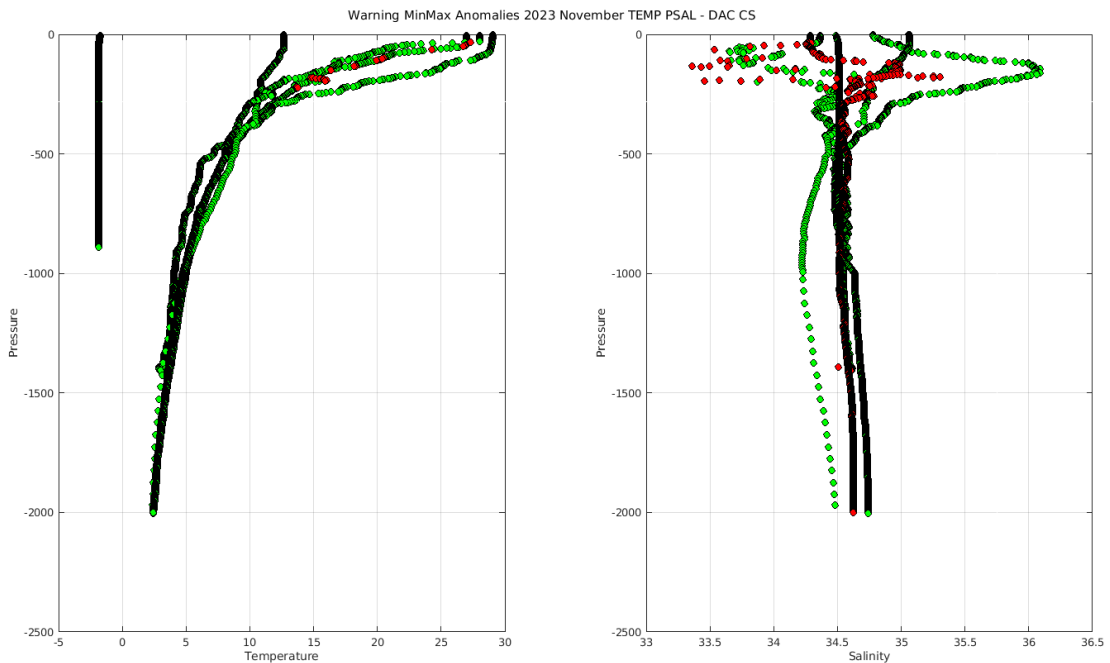


Status of corrections: Corrections done or in progress, regular feedback.

Files data_mode='R' / 'A'

- Float : 5905214 - Cycle : 217 - PI : Peter Oke - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 809 - Date : 2023 10 18
- Float : 5905406 - Cycle : 189 - PI : Peter Oke - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 813 - Date : 2023 11 16
- Float : 5905501 - Cycle : 128 - PI : Tom Trull - Data mode : A - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P44043-22AU001 - Date : 2023 11 26
- Float : 5905521 - Cycle : 55 - PI : Peter Oke - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1334 - Date : 2023 11 18
- Float : 7900940 - Cycle : 91 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9754 - Date : 2023 11 14

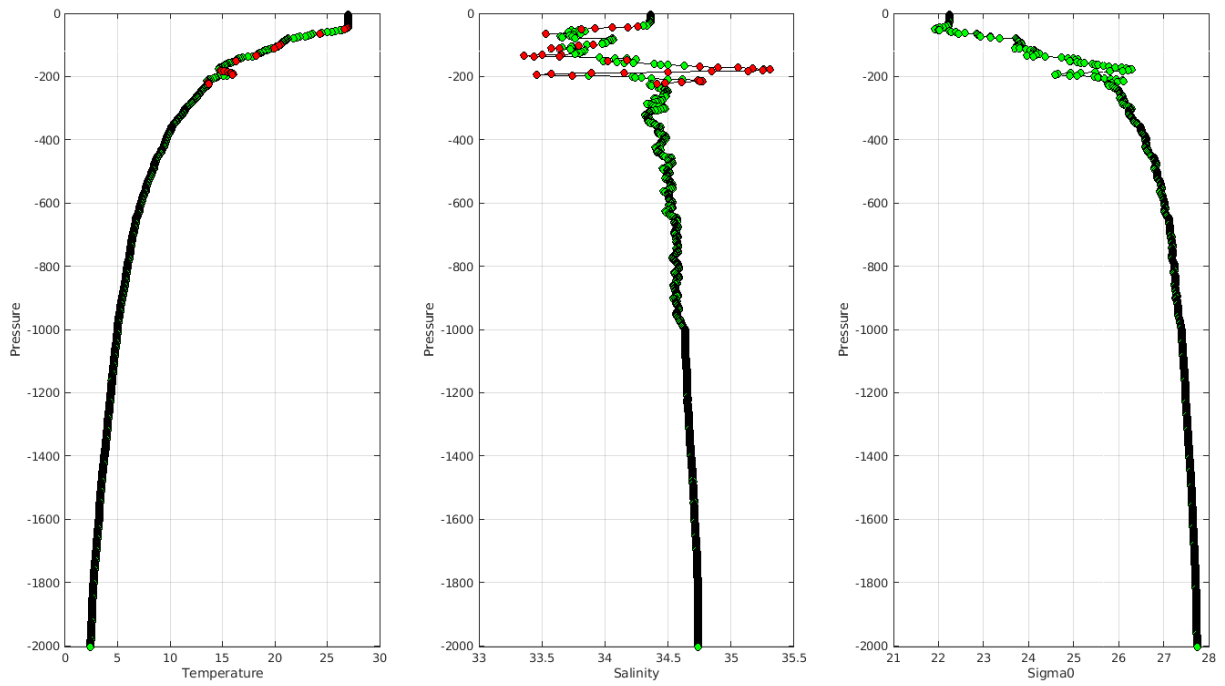
Files data_mode='D'



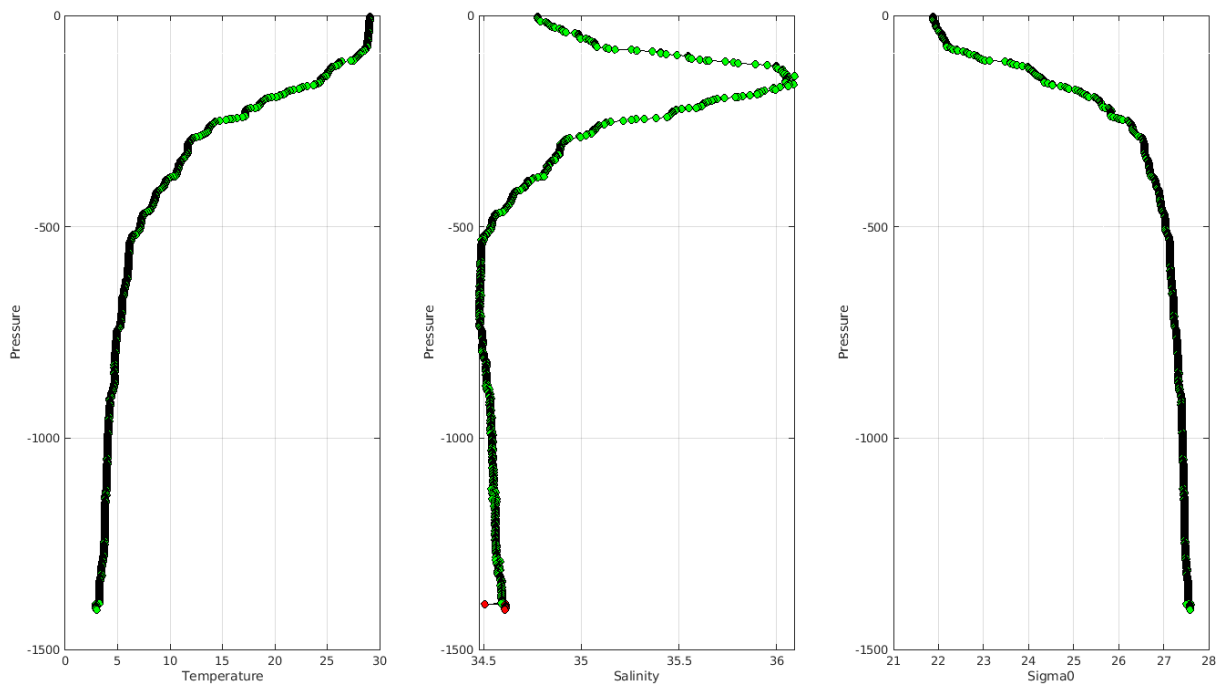
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/csiro/>

Example of anomalies:

Warning MinMax Anomalies 2023 November TEMP PSAL : DAC CS- Float 5905214 - 217



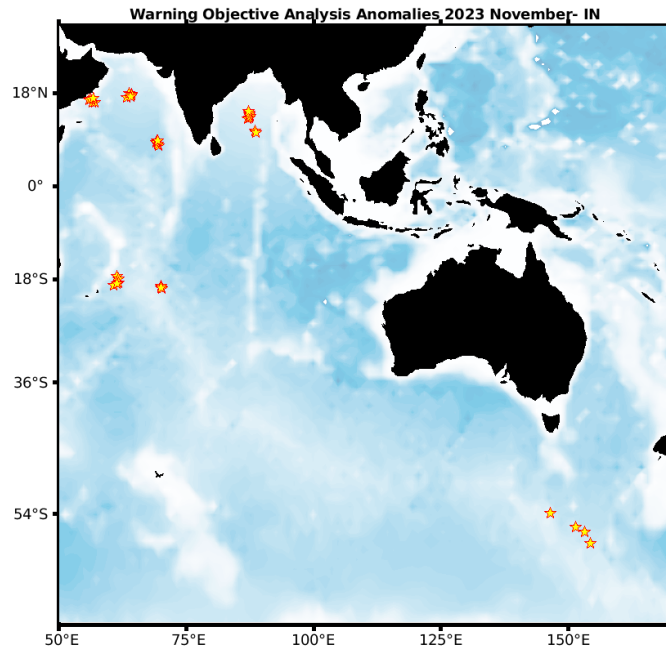
Warning MinMax Anomalies 2023 November TEMP PSAL : DAC CS- Float 5905406 - 189



5.5. DAC INCOIS

Profiles detected by the objective analysis: 36 profiles (9 floats but floats can have several cycles with anomalies)

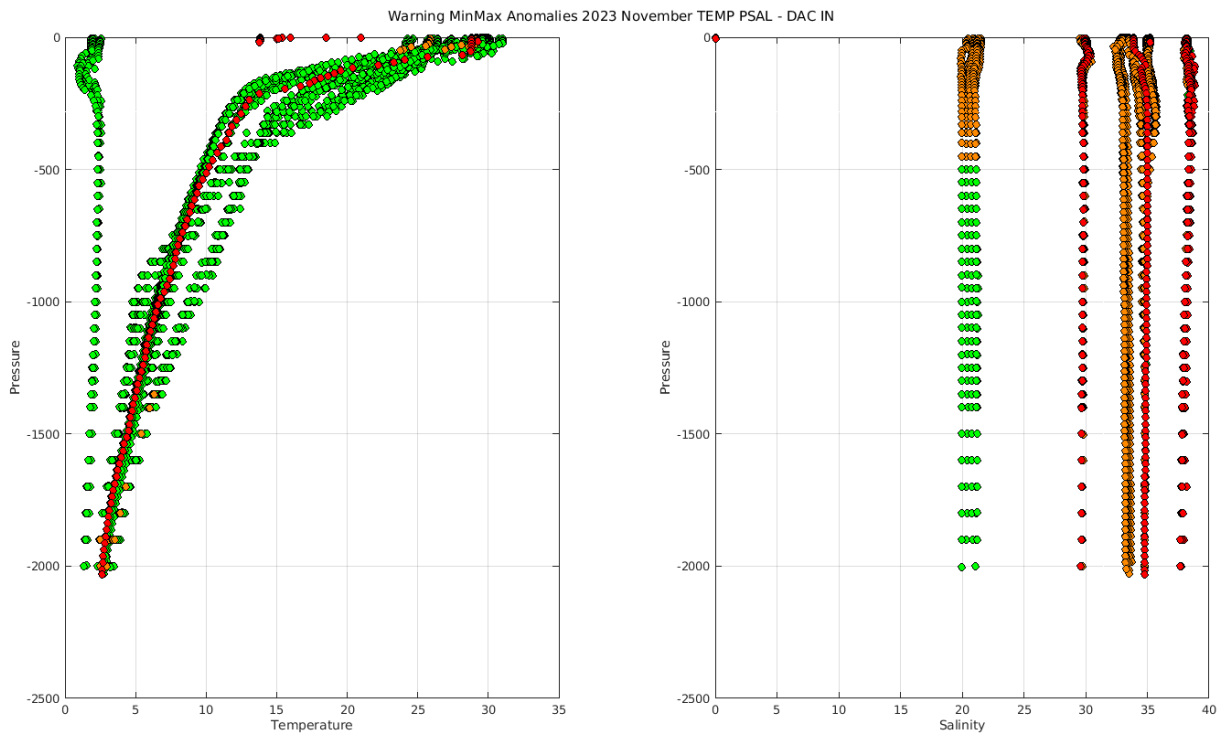
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
36 cycles	0 cycle	0 cycle



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

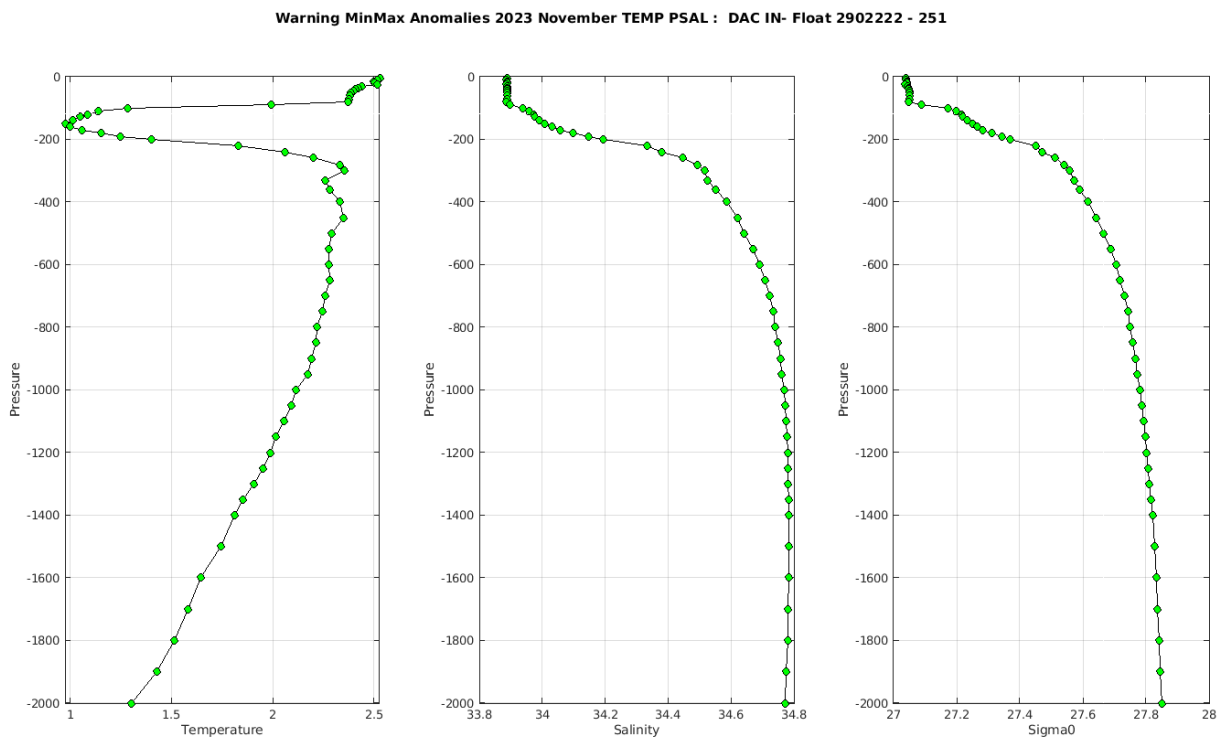
Files data_mode='R'/A'

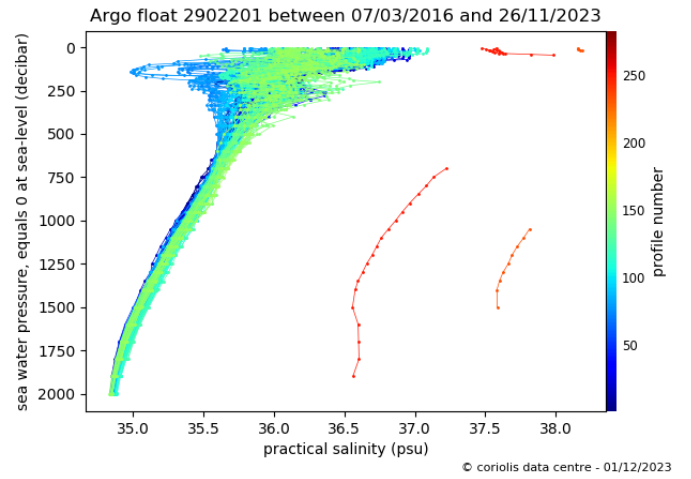
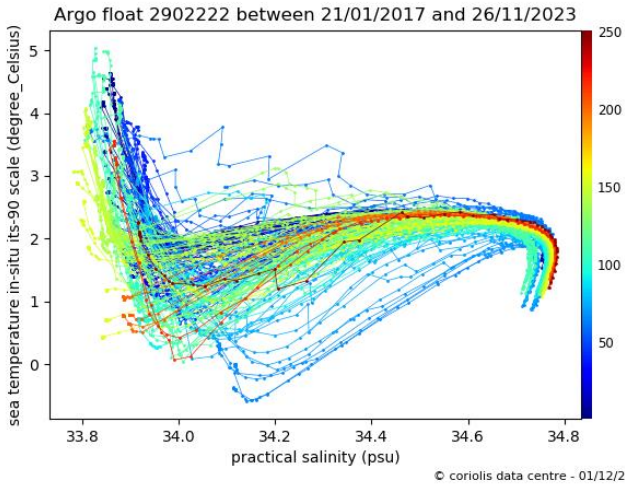
Float : 2902184 - Cycle : 291 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2023	10	1
Float : 2902184 - Cycle : 294 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2023	10	31
Float : 2902184 - Cycle : 295 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2023	11	10
Float : 2902184 - Cycle : 296 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2023	11	20
Float : 2902185 - Cycle : 291 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2023	10	5
Float : 2902185 - Cycle : 293 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2023	10	25
Float : 2902185 - Cycle : 294 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2023	11	4
Float : 2902185 - Cycle : 295 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2023	11	14
Float : 2902185 - Cycle : 296 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2023	11	24
Float : 2902200 - Cycle : 278 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2023	10	6
Float : 2902200 - Cycle : 280 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2023	10	26
Float : 2902200 - Cycle : 281 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2023	11	5
Float : 2902200 - Cycle : 282 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2023	11	16
Float : 2902200 - Cycle : 283 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2023	11	26
Float : 2902201 - Cycle : 278 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2023	10	7
Float : 2902201 - Cycle : 280 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2023	10	27
Float : 2902201 - Cycle : 281 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2023	11	6
Float : 2902201 - Cycle : 282 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2023	11	16
Float : 2902201 - Cycle : 283 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2023	11	26
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 : 2902209 - Cycle : 250 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2023	6	8
Float : 2902209 - Cycle : 251 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2023	6	18
Float : 2902209 - Cycle : 252 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2023	6	28
Float : 2902209 - Cycle : 253 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2023	7	8
Float : 2902222 - Cycle : 246 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2023	10	7
Float : 2902222 - Cycle : 248 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2023	10	27
Float : 2902222 - Cycle : 249 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2023	11	6
Float : 2902222 - Cycle : 251 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2023	11	26
Float : 4903776 - Cycle : 2 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23008 - Date : 2023	10	1
Float : 5907083 - Cycle : 3 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2023	10	9
Float : 5907083 - Cycle : 4 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2023	10	19
Float : 5907083 - Cycle : 5 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2023	10	29
Float : 5907083 - Cycle : 6 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2023	11	8
Float : 5907083 - Cycle : 7 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2023	11	18
Float : 5907083 - Cycle : 8 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2023	11	28
Float : 7901127 - Cycle : 7 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23009 - Date : 2023	11	219



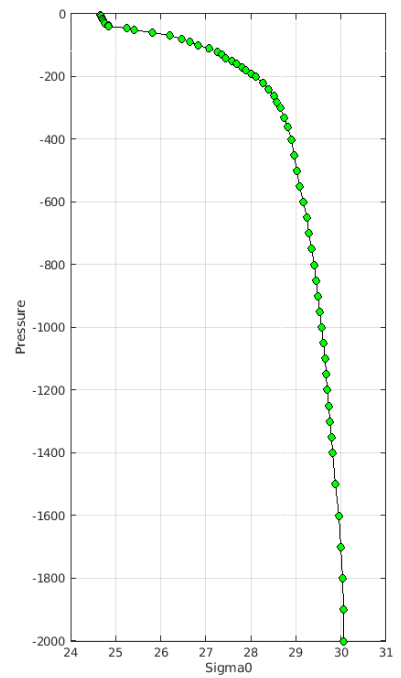
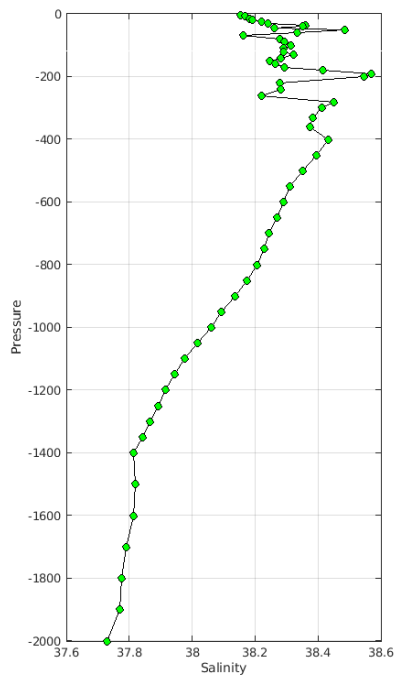
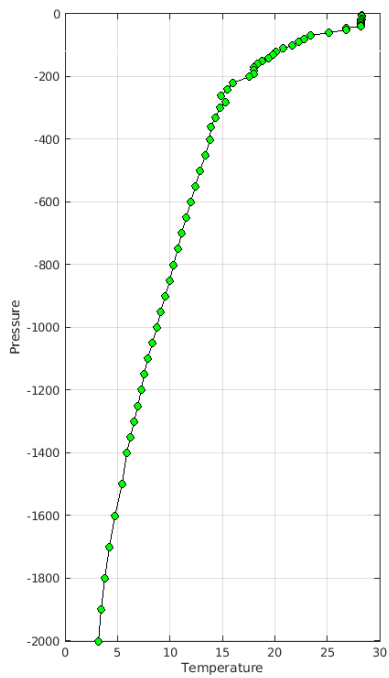
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/incois/>

Example of anomalies:





Warning MinMax Anomalies 2023 November TEMP PSAL : DAC IN- Float 2902201 - 283

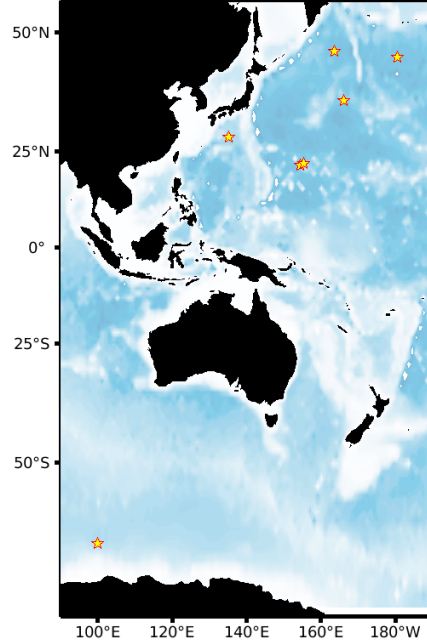


5.6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 7 profiles (6 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
2 cycles	5 cycles	2 cycles

Warning Objective Analysis Anomalies 2023 November- JA

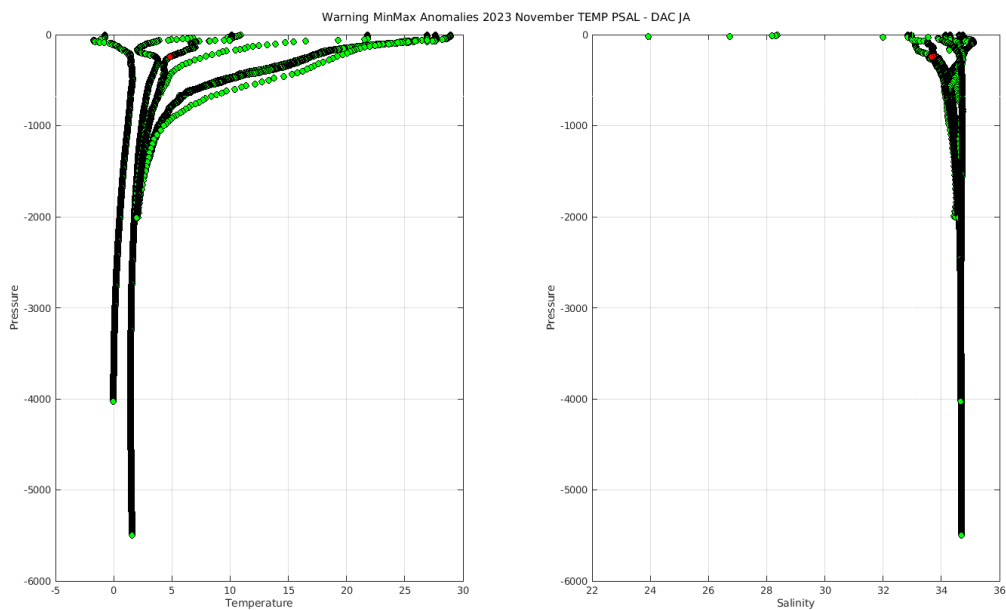


Status of corrections: Correction in progress, feedbacks each month

Files data_mode='R'/'A'

Float : 2903398 - Cycle : 36 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8789 - Date : 2021 8 16
 Float : 2903398 - Cycle : 48 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8789 - Date : 2021 12 15
 Float : 2903400 - Cycle : 55 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 49 - Date : 2020 8 14
 Float : 2903680 - Cycle : 186 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-20JP008 - Date : 2023 11 1
 Float : 2903735 - Cycle : 7 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-22JP003 - Date : 2023 10 23
 Float : 4903609 - Cycle : 40 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9717 - Date : 2023 11 22
 Float : 5905881 - Cycle : 51 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 34 - Date : 2020 12 3

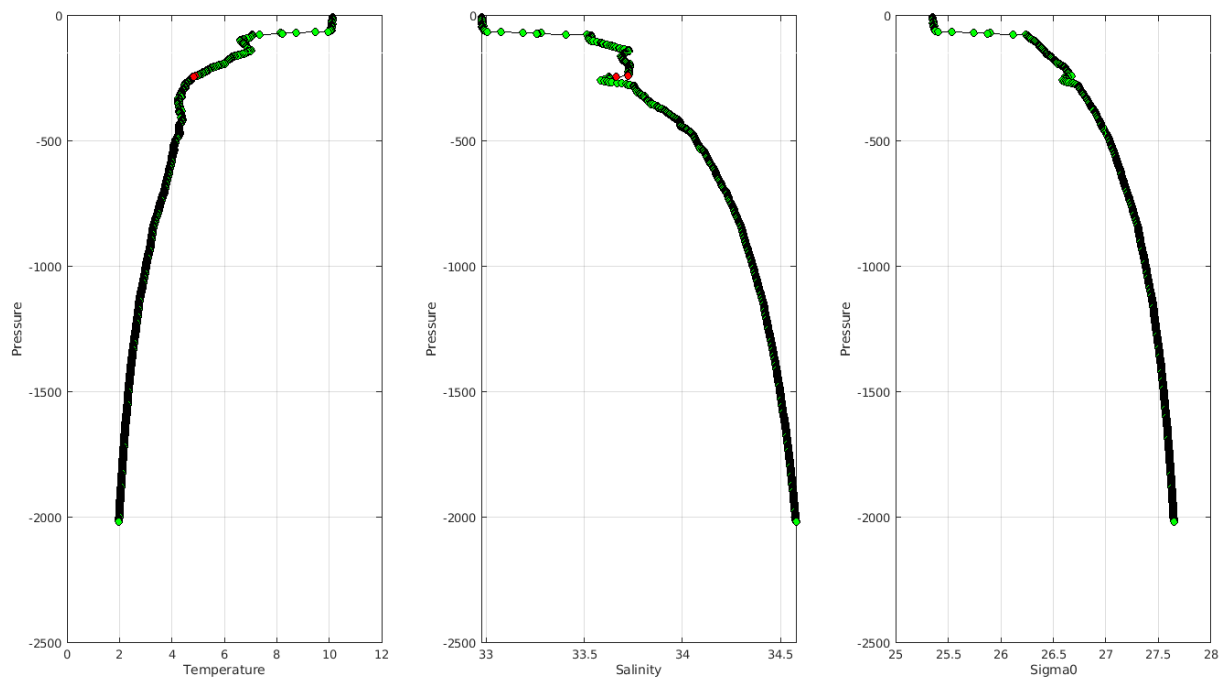
Files data_mode='D'



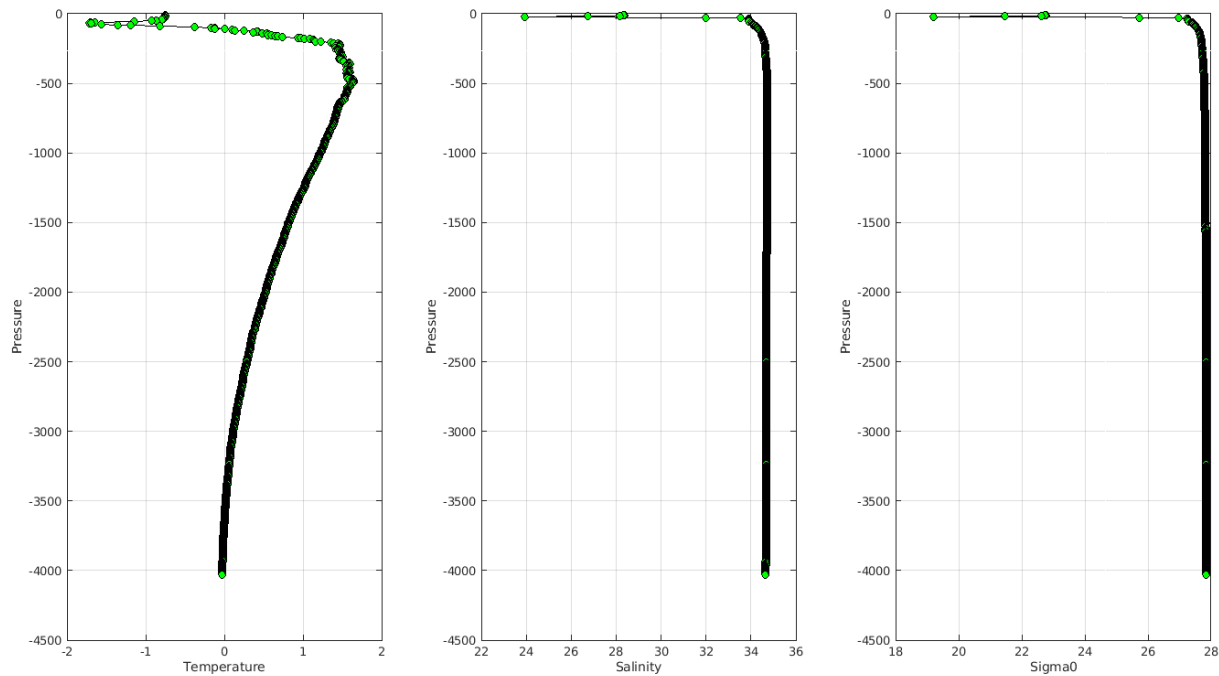
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/ima/>

Example of anomalies:

Warning MinMax Anomalies 2023 November TEMP PSAL : DAC JA- Float 4903609 - 40



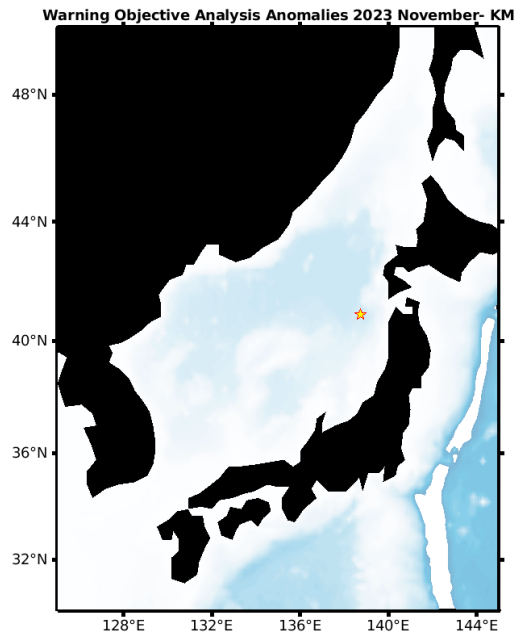
Warning MinMax Anomalies 2023 November TEMP PSAL : DAC JA- Float 5905881 - 51



5.7. DAC KMA

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'
1 cycle	0 cycle	0 cycle

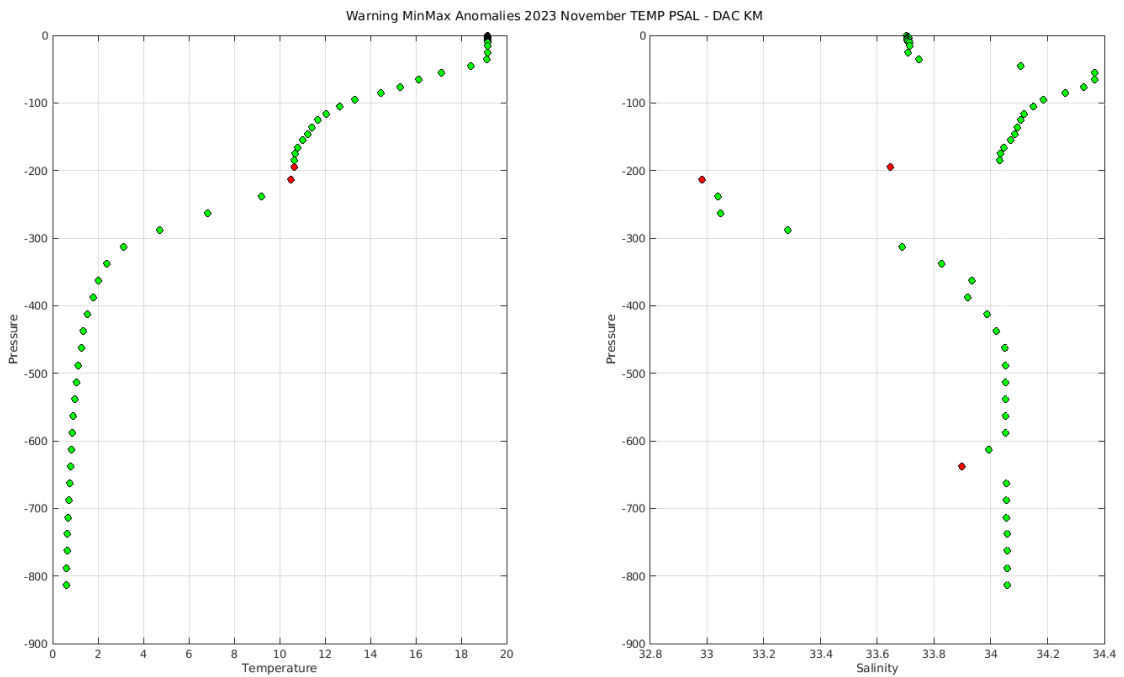


Status of corrections: Feedback, float not well recorded on the greylist.

Files data_mode='R'/'A'

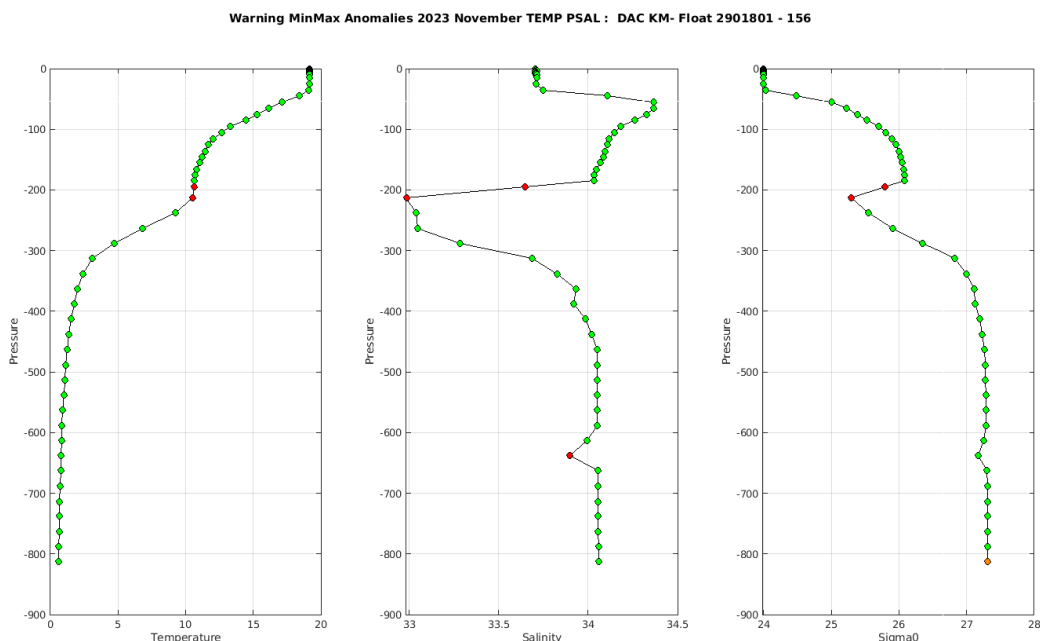
Float : 2901801 - Cycle : 156 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2023 11 7

Files data_mode='D'



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

Example of anomalies:



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

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

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

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

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

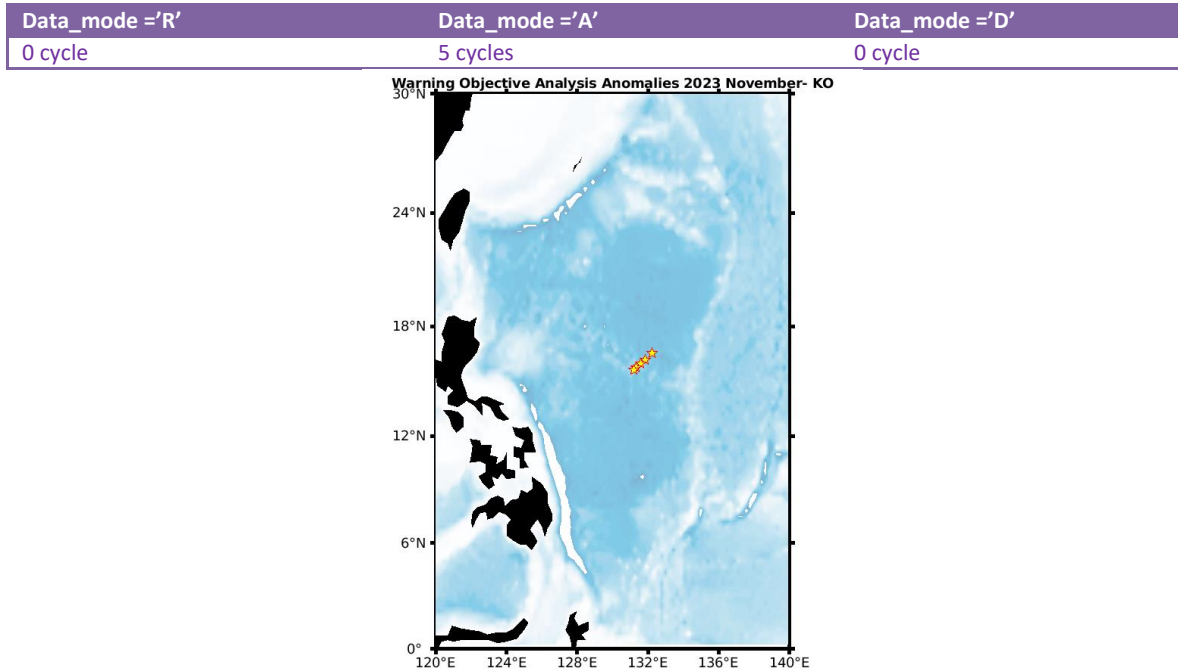
PSAL =

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

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

5.8. DAC KORDI/KIOST

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

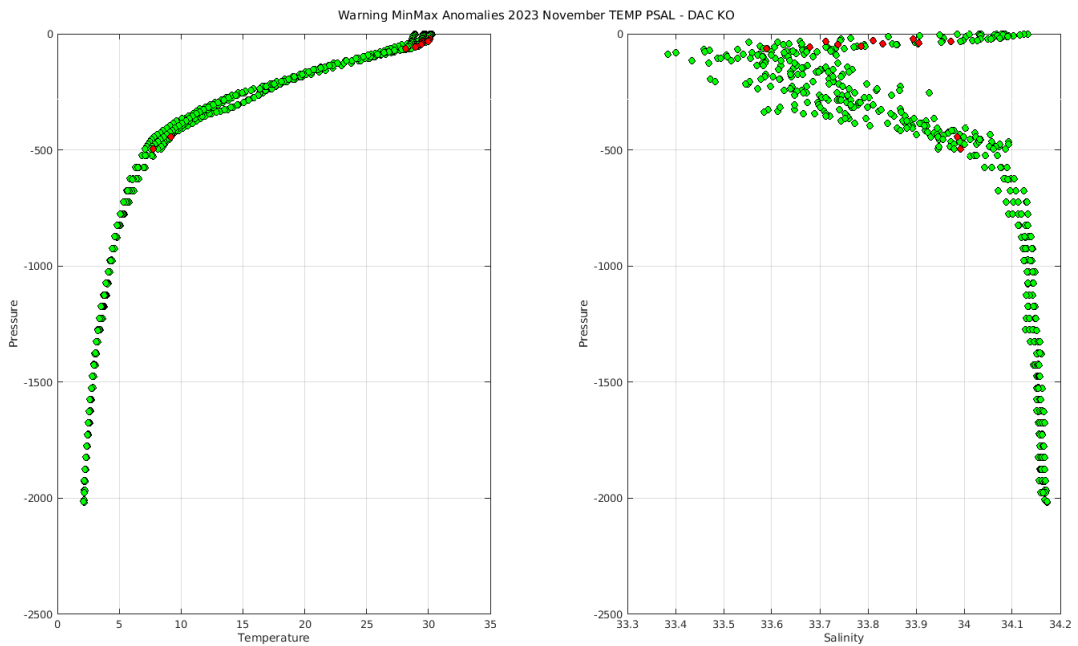


Status of corrections: No feedback.

Files data_mode='R'/'A'

Float : 3902470 - Cycle : 37 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2023 10 8
 Float : 3902470 - Cycle : 39 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2023 10 28
 Float : 3902470 - Cycle : 40 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2023 11 7
 Float : 3902470 - Cycle : 41 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2023 11 17
 Float : 3902470 - Cycle : 42 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2023 11 27

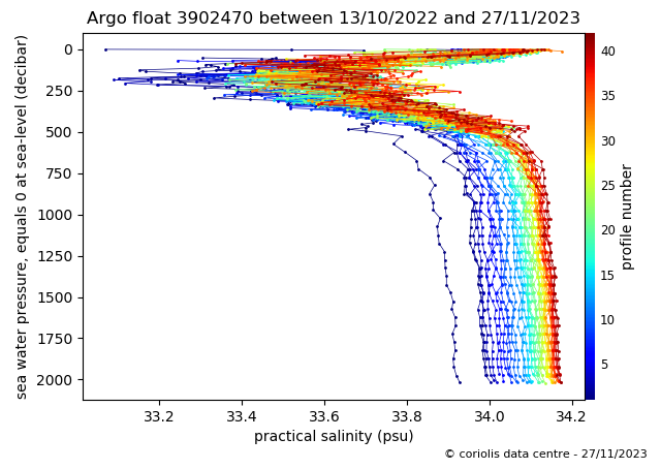
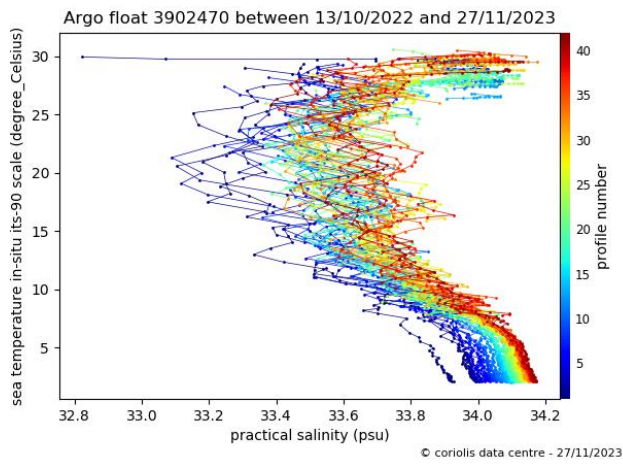
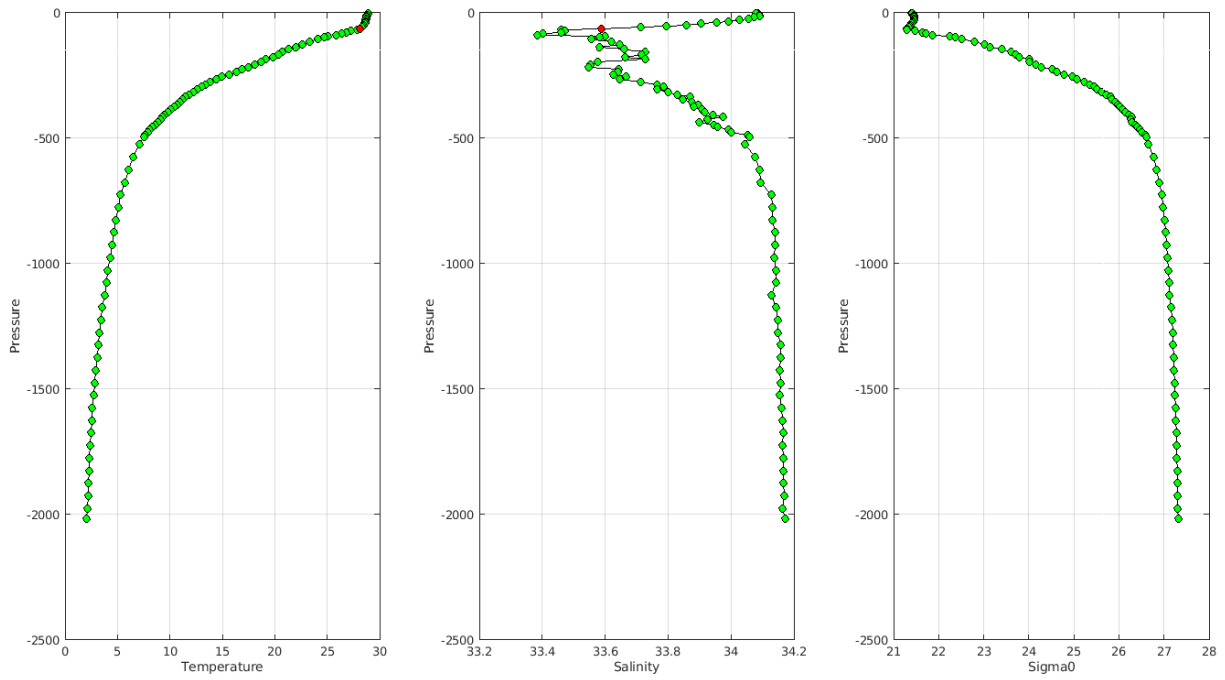
Files data_mode='D'



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

Example of anomalies:

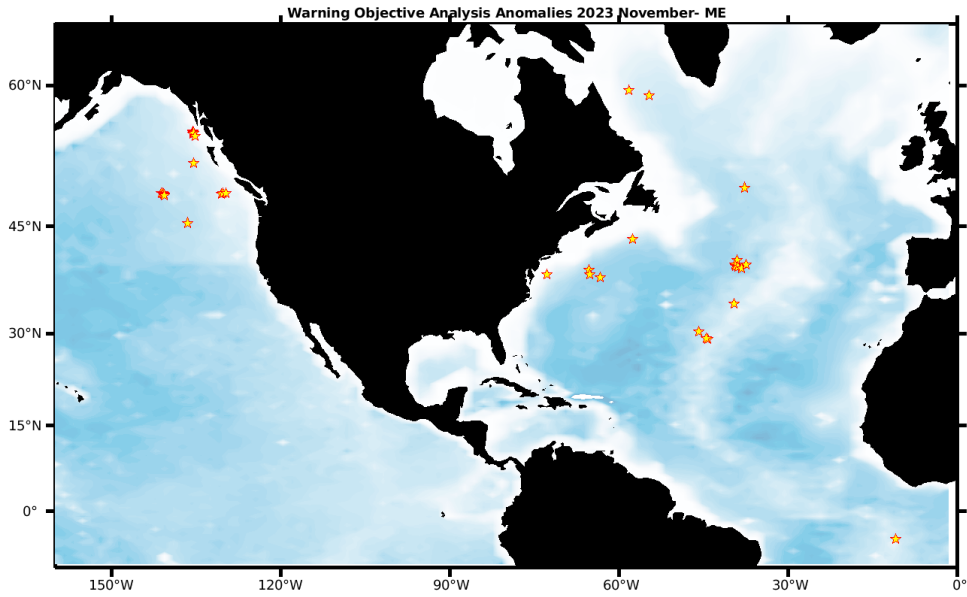
Warning MinMax Anomalies 2023 November TEMP PSAL : DAC KO- Float 3902470 - 42



5.9. DAC MEDS

Profiles detected by the objective analysis: 34 profiles (15 floats but floats can have several cycles with anomalies)

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



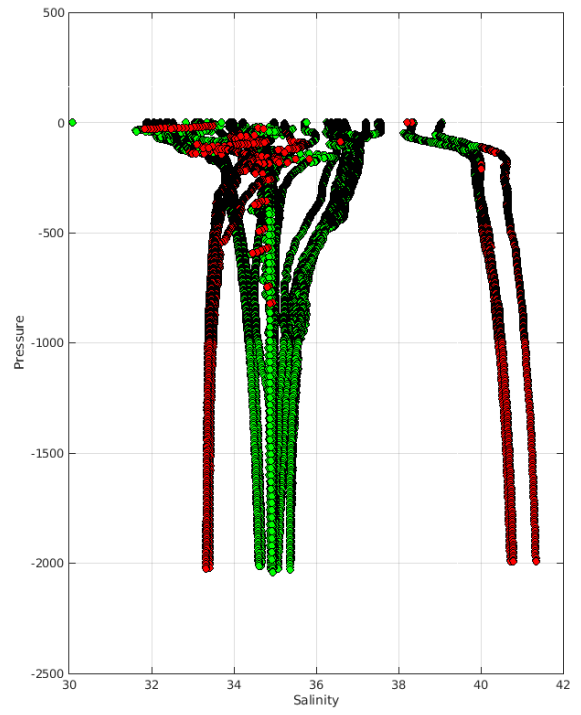
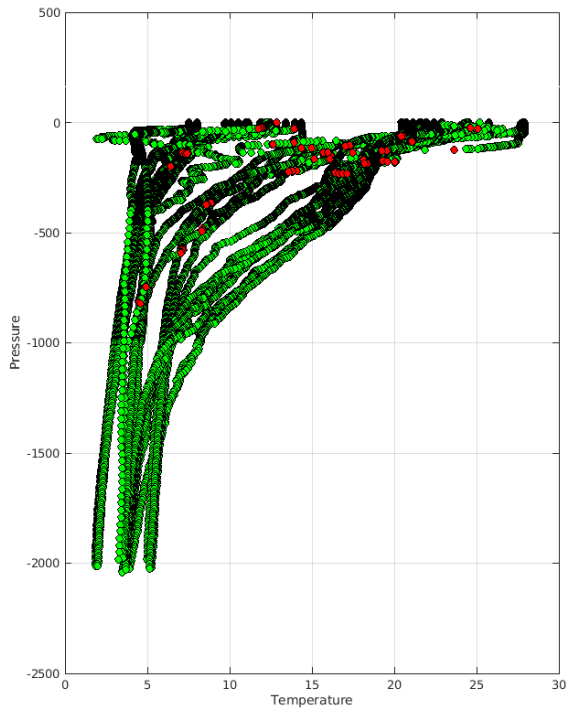
Status of corrections: In progress.

Files data_mode='R'/'A'

Float : 4902440 - Cycle : 183 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA03 - Date : 2023	10	8
Float : 4902440 - Cycle : 184 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA03 - Date : 2023	10	18
Float : 4902440 - Cycle : 187 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA03 - Date : 2023	11	18
Float : 4902443 - Cycle : 172 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA06 - Date : 2023	11	6
Float : 4902443 - Cycle : 173 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA06 - Date : 2023	11	16
Float : 4902443 - Cycle : 174 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA06 - Date : 2023	11	26
Float : 4902444 - Cycle : 169 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA07 - Date : 2023	10	3
Float : 4902444 - Cycle : 171 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA07 - Date : 2023	10	24
Float : 4902444 - Cycle : 172 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA07 - Date : 2023	11	3
Float : 4902444 - Cycle : 173 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA07 - Date : 2023	11	13
Float : 4902444 - Cycle : 174 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA07 - Date : 2023	11	23
Float : 4902445 - Cycle : 193 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA08 - Date : 2023	10	5
Float : 4902445 - Cycle : 195 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA08 - Date : 2023	10	26
Float : 4902445 - Cycle : 196 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA08 - Date : 2023	11	5
Float : 4902445 - Cycle : 197 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA08 - Date : 2023	11	15
Float : 4902445 - Cycle : 198 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA08 - Date : 2023	11	25
Float : 4902470 - Cycle : 162 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2023	10	6
Float : 4902470 - Cycle : 164 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2023	10	27
Float : 4902470 - Cycle : 165 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2023	11	6
Float : 4902507 - Cycle : 117 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260019CA36 - Date : 2023	10	31
Float : 4902541 - Cycle : 114 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260020CA26 - Date : 2023	10	10
Float : 4902547 - Cycle : 114 - PI : Blair Greenan - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260020CA32 - Date : 2023	10	8
Float : 4902571 - Cycle : 63 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA12 - Date : 2023	10	10
Float : 4902575 - Cycle : 56 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA16 - Date : 2023	10	31
Float : 4902590 - Cycle : 50 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA31 - Date : 2023	10	8
Float : 4902595 - Cycle : 53 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2023	10	4
Float : 4902595 - Cycle : 54 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2023	10	14
Float : 4902595 - Cycle : 55 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2023	10	24
Float : 4902595 - Cycle : 56 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2023	11	3
Float : 4902595 - Cycle : 57 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2023	11	13
Float : 4902595 - Cycle : 58 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2023	11	24
Float : 4902627 - Cycle : 8 - PI : Blair Greenan - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P43205-22CA002 - Date : 2023	11	25
Float : 4902670 - Cycle : 13 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 878 - FLOAT SERIAL : 350023CA01 - Date : 2023	10	5
Float : 4902671 - Cycle : 12 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 878 - FLOAT SERIAL : 350023CA02 - Date : 2023	9	25

Files data_mode='D'

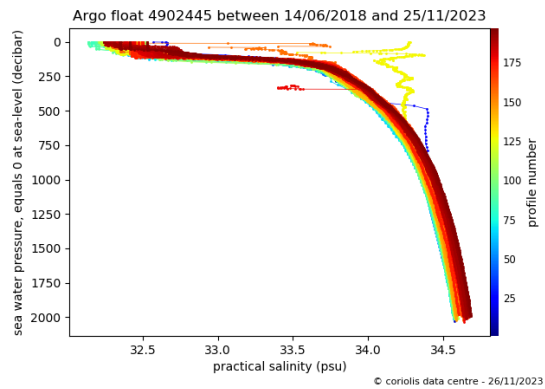
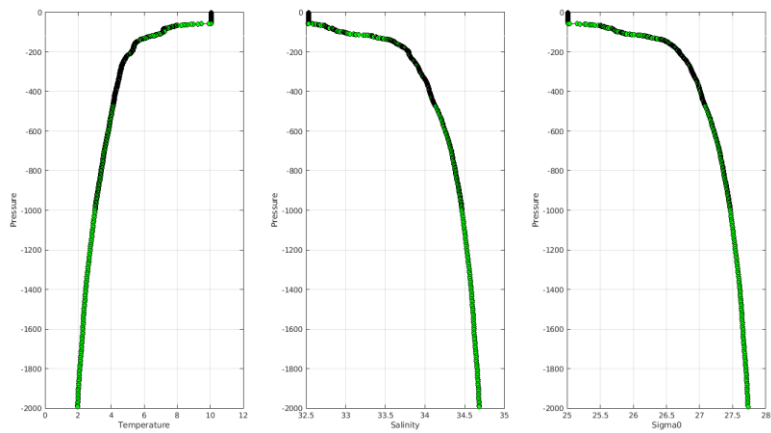
Warning MinMax Anomalies 2023 November TEMP PSAL - DAC ME

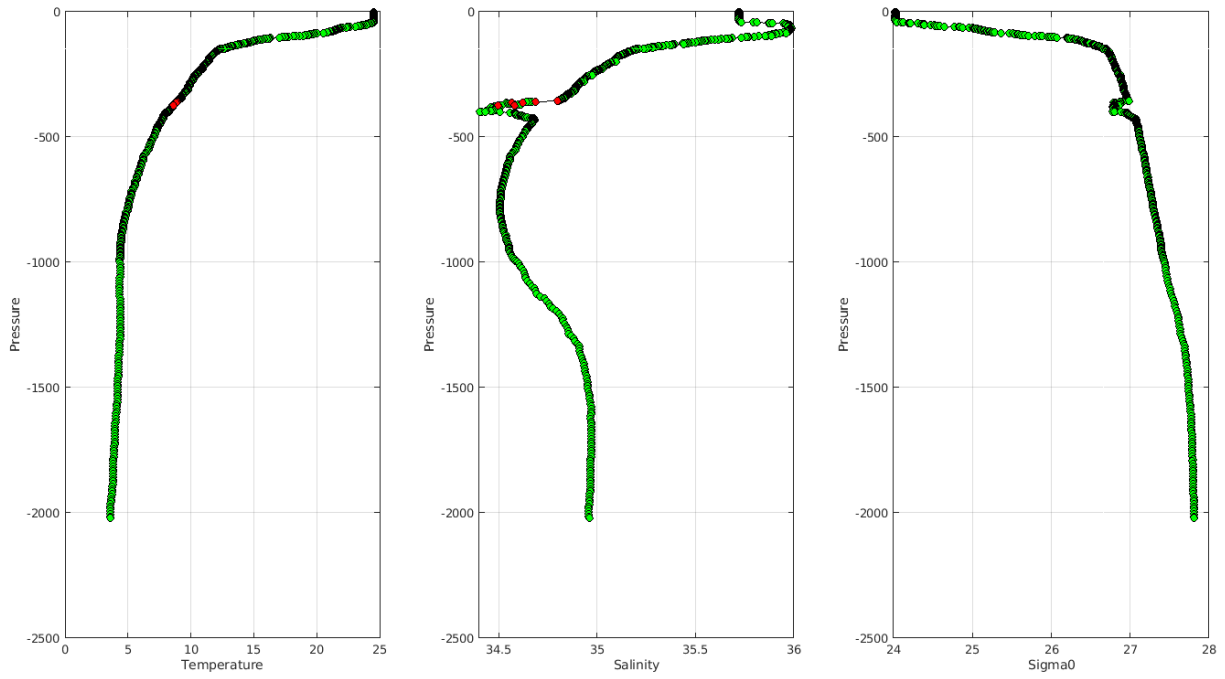


The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/meds/>

Example of anomalies:

Warning MinMax Anomalies 2023 November TEMP PSAL : DAC ME- Float 4902445 - 198





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

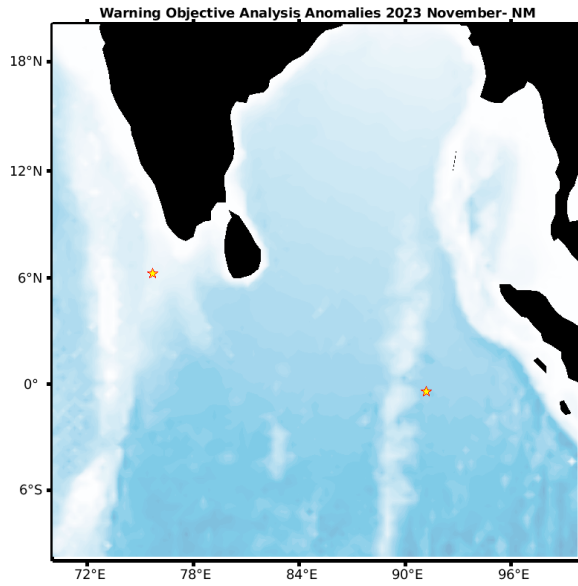
Mix of RT and DM files and strange values (Float_wmo, Cycle, Data_state_indicator, Parameter, Value, QC)

```
ME 3900084 120 2C+ PSAL -17014118346046900000000000000000000000000 4  
ME 3900085 120 2C+ PSAL -17014118346046900000000000000000000000000 4  
ME 4900512  
ME 4900521  
ME 4900537  
ME 4900636  
ME 4900877  
ME 4901081
```


5.10. DAC NMDIS

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

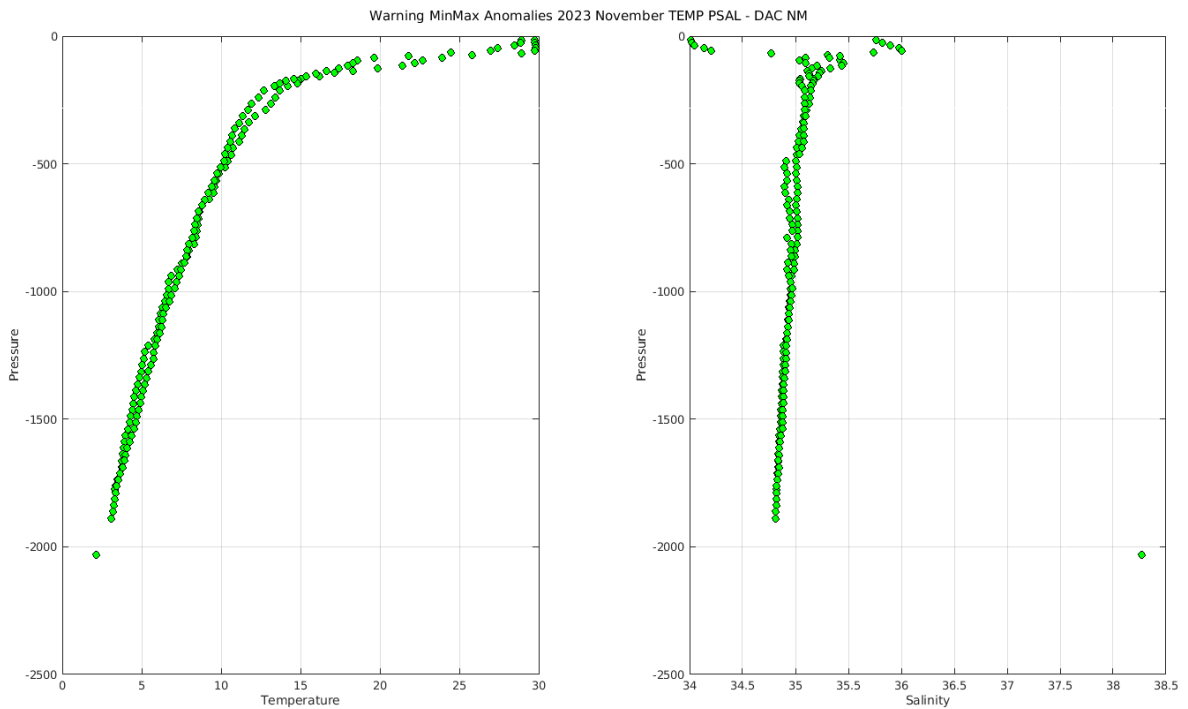
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	0 cycle	2 cycles



INACTIVE FLOATS

Status of corrections: No feedback on DM anomalies

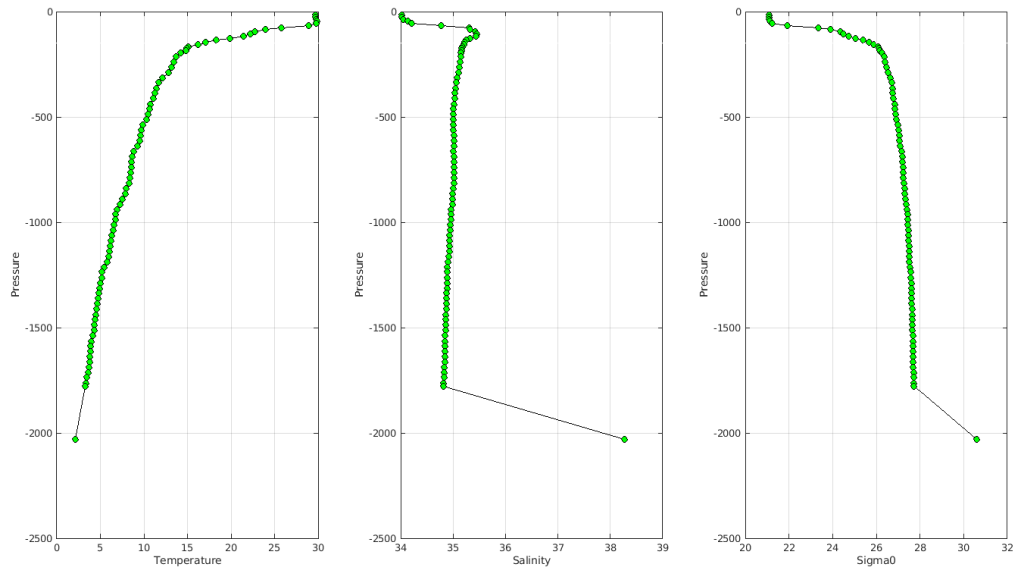
Float : 2901616 - Cycle : 181 - PI : Fengying JI - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-08CH-S3-016 - Date : 2015 4 30
 Float : 2901620 - Cycle : 165 - PI : Fengying JI - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-08CH-S3-020 - Date : 2014 11 5



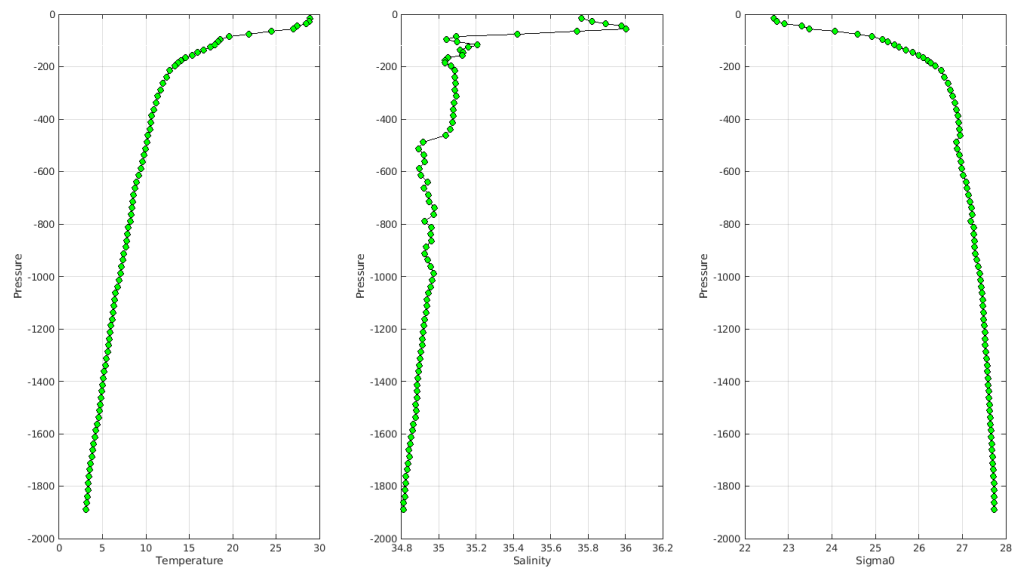
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/nmdis/>

Example of anomalies:

Warning MinMax Anomalies 2023 November TEMP PSAL : DAC NM- Float 2901616 - 181



Warning MinMax Anomalies 2023 November TEMP PSAL : DAC NM- Float 2901620 - 165



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

6. Synthetic profiles

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

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

7. Instrument_code error

For a same float, two different instrument_codes have been observed in profile files.

For ex. **DAC AOML Float 3901261** : 326 profiles with instrument_code 854 and 400 profiles with instrument_code 872. Here profiles represent the vertical_sampling_scheme, so one cycle but 2 profiles for this cycle :

WMO_INST_TYPE =

"872 ",
"872 " ;

VERTICAL_SAMPLING_SCHEME =

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

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

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

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

8. File anomalies (GDAC – Real time)

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

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

8.1. AOML

GDAC (missing nc files)

For some floats :

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

See below the list of floats with existing nc files :

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

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

DAC name : aoml – Number of floats : 8618

1900167 - Existing NetCDF files

File : 1900167_meta.nc - 1900167_prof.nc

3900160 - Existing NetCDF files

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

1900168 - Existing NetCDF files

File : 1900168_meta.nc - 1900168_prof.nc

41534 - Existing NetCDF files

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

1900189 - Existing NetCDF files

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

4900228 - Existing NetCDF files

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

1900244 - Existing NetCDF files

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

4900229 - Existing NetCDF files

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

1900245 - Existing NetCDF files

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

4900230 - Existing NetCDF files

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

1900255 - Existing NetCDF files

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

4900268 - Existing NetCDF files

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

1900257 - Existing NetCDF files

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

4900269 - Existing NetCDF files

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

1900748 - Existing NetCDF files

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

4900270 - Existing NetCDF files

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

1900831 - Existing NetCDF files

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

4900271 - Existing NetCDF files

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

1901658 - Existing NetCDF files

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

4900272 - Existing NetCDF files

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

2901106 - Existing NetCDF files

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

4900273 - Existing NetCDF files

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

3900148 - Existing NetCDF files

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

4900287 - Existing NetCDF files

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

8.2. BODC

GDAC (missing nc files)

For some floats :

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

MAINLY TRAJECTORY FILE MISSING

See below the list of floats with existing nc files :

DAC name : bodc – Number of floats : 882

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

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1901857 - Existing NetCDF files

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1901858 - Existing NetCDF files

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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

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1901863 - Existing NetCDF files

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1901864 - Existing NetCDF files

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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

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1901875 - Existing NetCDF files

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1901876 - Existing NetCDF files

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1901877 - Existing NetCDF files

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1901878 - Existing NetCDF files

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1901879 - Existing NetCDF files

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1901880 - Existing NetCDF files

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1901881 - Existing NetCDF files

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File : 1901931_meta.nc - 1901931_prof.nc - 1901931_tech.nc -

1901932 - Existing NetCDF files

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1901933 - Existing NetCDF files

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1901934 - Existing NetCDF files

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1901935 - Existing NetCDF files

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1901936 - Existing NetCDF files

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1901937 - Existing NetCDF files

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1901939 - 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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1902086 - Existing NetCDF files

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1902087 - Existing NetCDF files

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1902089 - Existing NetCDF files

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1902099 - Existing NetCDF files

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1902101 - Existing NetCDF files

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1902606 - Existing NetCDF files

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1902684 - Existing NetCDF files

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2901891 - Existing NetCDF files

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2901892 - Existing NetCDF files

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2901896 - 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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3901500 - Existing NetCDF files
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3901501 - Existing NetCDF files
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3901502 - Existing NetCDF files
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3901506 - 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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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
File : 3902398_meta.nc - 3902398_prof.nc - 3902398_tech.nc -
3902399 - Existing NetCDF files
File : 3902399_meta.nc - 3902399_prof.nc - 3902399_tech.nc -
3902400 - Existing NetCDF files
File : 3902400_meta.nc - 3902400_prof.nc - 3902400_tech.nc -
3902402 - Existing NetCDF files
File : 3902402_meta.nc - 3902402_prof.nc - 3902402_tech.nc -
3902403 - Existing NetCDF files
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3902493 - Existing NetCDF files
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3902494 - Existing NetCDF files
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3902502 - Existing NetCDF files
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3902503 - 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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5907048 - Existing NetCDF files
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6901153 - Existing NetCDF files
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6901155 - 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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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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6901177 - 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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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
File : 6901212_meta.nc - 6901212_prof.nc - 6901212_tech.nc -

6901213 - Existing NetCDF files
File : 6901213_meta.nc - 6901213_prof.nc - 6901213_tech.nc -

6901214 - Existing NetCDF files
File : 6901214_meta.nc - 6901214_prof.nc - 6901214_tech.nc -

6901215 - Existing NetCDF files
File : 6901215_meta.nc - 6901215_prof.nc - 6901215_tech.nc -

6901919 - Existing NetCDF files
File : 6901919_meta.nc - 6901919_prof.nc - 6901919_tech.nc -

6901920 - Existing NetCDF files
File : 6901920_meta.nc - 6901920_prof.nc - 6901920_tech.nc -

6901921 - Existing NetCDF files
File : 6901921_meta.nc - 6901921_prof.nc - 6901921_tech.nc -

6901922 - Existing NetCDF files
File : 6901922_meta.nc - 6901922_prof.nc - 6901922_tech.nc -

6901923 - Existing NetCDF files
File : 6901923_meta.nc - 6901923_prof.nc - 6901923_tech.nc -

6901924 - Existing NetCDF files
File : 6901924_meta.nc - 6901924_prof.nc - 6901924_tech.nc -

6901925 - Existing NetCDF files
File : 6901925_meta.nc - 6901925_prof.nc - 6901925_tech.nc -

6901926 - Existing NetCDF files
File : 6901926_meta.nc - 6901926_prof.nc - 6901926_tech.nc -

6901927 - Existing NetCDF files
File : 6901927_meta.nc - 6901927_prof.nc - 6901927_tech.nc -

6901928 - Existing NetCDF files
File : 6901928_meta.nc - 6901928_prof.nc - 6901928_tech.nc -

6903715 - Existing NetCDF files
File : 6903715_meta.nc - 6903715_prof.nc - 6903715_tech.nc -

6903716 - Existing NetCDF files
File : 6903716_meta.nc - 6903716_prof.nc - 6903716_tech.nc -

6903717 - Existing NetCDF files
File : 6903717_meta.nc - 6903717_prof.nc - 6903717_tech.nc -

6903718 - Existing NetCDF files
File : 6903718_meta.nc - 6903718_prof.nc - 6903718_tech.nc -

6903719 - Existing NetCDF files
File : 6903719_meta.nc - 6903719_prof.nc - 6903719_tech.nc -

6903720 - Existing NetCDF files
File : 6903720_meta.nc - 6903720_prof.nc - 6903720_tech.nc -

6903721 - Existing NetCDF files
File : 6903721_meta.nc - 6903721_prof.nc - 6903721_tech.nc -

6903722 - Existing NetCDF files
File : 6903722_meta.nc - 6903722_prof.nc - 6903722_tech.nc -

6903723 - Existing NetCDF files
File : 6903723_meta.nc - 6903723_prof.nc - 6903723_tech.nc -

6903724 - Existing NetCDF files
File : 6903724_meta.nc - 6903724_prof.nc - 6903724_tech.nc -

6903725 - Existing NetCDF files
File : 6903725_meta.nc - 6903725_prof.nc - 6903725_tech.nc -

6903726 - Existing NetCDF files
File : 6903726_meta.nc - 6903726_prof.nc - 6903726_tech.nc -

6903727 - Existing NetCDF files
File : 6903727_meta.nc - 6903727_prof.nc - 6903727_tech.nc -

6903751 - Existing NetCDF files
File : 6903751_meta.nc - 6903751_prof.nc - 6903751_tech.nc -

6903752 - Existing NetCDF files
File : 6903752_meta.nc - 6903752_prof.nc - 6903752_tech.nc -

6903753 - Existing NetCDF files
File : 6903753_meta.nc - 6903753_prof.nc - 6903753_tech.nc -

6903754 - Existing NetCDF files
File : 6903754_meta.nc - 6903754_prof.nc - 6903754_tech.nc -

6903755 - Existing NetCDF files
File : 6903755_meta.nc - 6903755_prof.nc - 6903755_tech.nc -

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 -

6904191 - Existing NetCDF files
File : 6904191_meta.nc - 6904191_prof.nc - 6904191_tech.nc -

6904192 - Existing NetCDF files
File : 6904192_meta.nc - 6904192_prof.nc - 6904192_tech.nc -

6990519 - Existing NetCDF files
File : 6990519_meta.nc - 6990519_prof.nc - 6990519_tech.nc -

6990520 - Existing NetCDF files
File : 6990520_meta.nc - 6990520_prof.nc - 6990520_tech.nc -

6990521 - Existing NetCDF files
File : 6990521_meta.nc - 6990521_prof.nc - 6990521_tech.nc -

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

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

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

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

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

8.3. CORIOLIS

GDAC (missing nc files)

For some floats :

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

See below the list of floats with existing nc files :

DAC name : Coriolis – Number of floats : 3727

1900380 - Existing NetCDF files
File : 1900380_Rtraj.nc - 1900380_meta.nc - 1900380_tech.nc -

1901216 - Existing NetCDF files
File : 1901216_Rtraj.nc - 1901216_meta.nc - 1901216_tech.nc -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

6902685 - Existing NetCDF files

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

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

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

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

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

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

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

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

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

8.4. CSIO

GDAC (missing nc files)

For some floats :

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

See below the list of floats with existing nc files :

DAC name : csio – Number of floats : 534

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

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

8.5. CSIRO

GDAC (missing nc files)

MAINLY TRAJECTORY FILE MISSING

For some floats :

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

See below the list of floats with existing nc files :

DAC name : csiro – Number of floats : 1137

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

5904925 - Existing NetCDF files
File : 5904925_meta.nc - 5904925_prof.nc - 5904925_tech.nc -

5905205 - Existing NetCDF files
File : 5905205_meta.nc - 5905205_prof.nc - 5905205_tech.nc -

5905389 - Existing NetCDF files
File : 5905389_meta.nc - 5905389_prof.nc - 5905389_tech.nc -

5905390 - Existing NetCDF files
File : 5905390_meta.nc - 5905390_prof.nc - 5905390_tech.nc -

5905393 - Existing NetCDF files
File : 5905393_meta.nc - 5905393_prof.nc - 5905393_tech.nc -

5905394 - Existing NetCDF files
File : 5905394_meta.nc - 5905394_prof.nc - 5905394_tech.nc -

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

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

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

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

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

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

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

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

5905431 - Existing NetCDF files
File : 5905431_meta.nc - 5905431_prof.nc - 5905431_tech.nc -

5905432 - Existing NetCDF files
File : 5905432_meta.nc - 5905432_prof.nc - 5905432_tech.nc -

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

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

7900641 - Existing NetCDF files
File : 7900641_meta.nc - 7900641_prof.nc - 7900641_tech.nc -

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

7900643 - Existing NetCDF files
File : 7900643_meta.nc - 7900643_prof.nc - 7900643_tech.nc -

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 : 515

1902669 - Existing NetCDF files

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

1902670 - Existing NetCDF files

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

1902671 - Existing NetCDF files

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

1902672 - Existing NetCDF files

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

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 -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

-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 : 1927**

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

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2903167 - Existing NetCDF files

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2903168 - Existing NetCDF files

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2903169 - Existing NetCDF files

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2903170 - Existing NetCDF files

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2903171 - Existing NetCDF files

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2903172 - Existing NetCDF files
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2903173 - Existing NetCDF files
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2903174 - Existing NetCDF files
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2903175 - Existing NetCDF files
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2903176 - Existing NetCDF files
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2903209 - Existing NetCDF files
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2903210 - Existing NetCDF files
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2903211 - Existing NetCDF files
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2903212 - Existing NetCDF files
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2903213 - Existing NetCDF files
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2903327 - Existing NetCDF files
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2903329 - Existing NetCDF files
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2903330 - Existing NetCDF files
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2903346 - Existing NetCDF files
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2903347 - Existing NetCDF files
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2903348 - Existing NetCDF files
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2903349 - Existing NetCDF files
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2903350 - Existing NetCDF files
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2903351 - Existing NetCDF files
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2903352 - Existing NetCDF files
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2903353 - Existing NetCDF files
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2903354 - Existing NetCDF files

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2903356 - Existing NetCDF files
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2903359 - Existing NetCDF files
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2903362 - Existing NetCDF files
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2903366 - Existing NetCDF files
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2903367 - Existing NetCDF files
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2903370 - Existing NetCDF files
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2903372 - Existing NetCDF files
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2903373 - Existing NetCDF files
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2903374 - Existing NetCDF files
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2903388 - Existing NetCDF files
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2903389 - Existing NetCDF files
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2903394 - Existing NetCDF files
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2903396 - Existing NetCDF files
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2903397 - Existing NetCDF files
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2903400 - Existing NetCDF files
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2903401 - Existing NetCDF files
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2903402 - Existing NetCDF files
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2903403 - Existing NetCDF files
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2903404 - Existing NetCDF files
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2903605 - Existing NetCDF files
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2903606 - Existing NetCDF files
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2903607 - Existing NetCDF files
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2903608 - Existing NetCDF files
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2903609 - Existing NetCDF files
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2903610 - Existing NetCDF files
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2903611 - Existing NetCDF files
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2903612 - Existing NetCDF files
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2903613 - Existing NetCDF files
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2903614 - Existing NetCDF files
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2903615 - Existing NetCDF files
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2903616 - Existing NetCDF files
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2903617 - Existing NetCDF files
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2903630 - Existing NetCDF files
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2903631 - Existing NetCDF files
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2903632 - Existing NetCDF files
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2903648 - Existing NetCDF files
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2903649 - Existing NetCDF files

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2903650 - Existing NetCDF files
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2903651 - Existing NetCDF files
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2903652 - Existing NetCDF files
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2903653 - Existing NetCDF files
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2903654 - Existing NetCDF files
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2903655 - Existing NetCDF files
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2903656 - Existing NetCDF files
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2903657 - Existing NetCDF files
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2903658 - Existing NetCDF files
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2903659 - Existing NetCDF files
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2903660 - Existing NetCDF files
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2903661 - Existing NetCDF files
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2903662 - Existing NetCDF files
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2903663 - Existing NetCDF files
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2903664 - Existing NetCDF files
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2903665 - Existing NetCDF files
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2903666 - Existing NetCDF files
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2903667 - Existing NetCDF files
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2903669 - Existing NetCDF files
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2903670 - Existing NetCDF files
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2903671 - Existing NetCDF files
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2903672 - Existing NetCDF files
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2903700 - Existing NetCDF files
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2903701 - Existing NetCDF files
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2903730 - Existing NetCDF files
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2903731 - Existing NetCDF files
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2903732 - Existing NetCDF files
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3902388 - Existing NetCDF files
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3902389 - Existing NetCDF files
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3902390 - Existing NetCDF files
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3902392 - Existing NetCDF files
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3902393 - Existing NetCDF files
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3902394 - Existing NetCDF files
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4900293 - Existing NetCDF files
File : 4900293_Rtraj.nc - 4900293_meta.nc - 4900293_tech.nc -

4902378 - Existing NetCDF files
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4902380 - Existing NetCDF files
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4902981 - Existing NetCDF files
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4902982 - Existing NetCDF files
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4902984 - Existing NetCDF files
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4902989 - Existing NetCDF files
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4902990 - Existing NetCDF files
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4902991 - Existing NetCDF files
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4902992 - Existing NetCDF files
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4903607 - Existing NetCDF files
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4903608 - Existing NetCDF files
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4903609 - Existing NetCDF files
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5900277 - Existing NetCDF files
File : 5900277_Rtraj.nc - 5900277_meta.nc - 5900277_tech.nc -

5901582 - Existing NetCDF files
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5901937 - Existing NetCDF files
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5904937 - Existing NetCDF files
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5905062 - Existing NetCDF files
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5905063 - Existing NetCDF files
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5905218 - Existing NetCDF files
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5905223 - Existing NetCDF files
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5905224 - Existing NetCDF files
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5905225 - Existing NetCDF files
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5905226 - Existing NetCDF files
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5905227 - Existing NetCDF files
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5905228 - Existing NetCDF files
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5905229 - Existing NetCDF files
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5905232 - Existing NetCDF files
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5905233 - Existing NetCDF files
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5905834 - Existing NetCDF files
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5905835 - Existing NetCDF files
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5905836 - Existing NetCDF files
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5905837 - Existing NetCDF files
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5905838 - Existing NetCDF files
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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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5905846 - Existing NetCDF files
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5905848 - Existing NetCDF files
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5905851 - Existing NetCDF files
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File : 5905855_meta.nc - 5905855_prof.nc -

5905856 - Existing NetCDF files
File : 5905856_meta.nc - 5905856_prof.nc -

5905857 - Existing NetCDF files
File : 5905857_meta.nc - 5905857_prof.nc -

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
File : 5905862_meta.nc - 5905862_prof.nc -

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

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
File : 5905866_meta.nc - 5905866_prof.nc -

5905867 - Existing NetCDF files
File : 5905867_meta.nc - 5905867_prof.nc -

5905868 - Existing NetCDF files
File : 5905868_meta.nc - 5905868_prof.nc -

5905869 - Existing NetCDF files
File : 5905869_meta.nc - 5905869_prof.nc -

5905870 - Existing NetCDF files
File : 5905870_meta.nc - 5905870_prof.nc -

5905871 - Existing NetCDF files
File : 5905871_meta.nc - 5905871_prof.nc -

5905872 - Existing NetCDF files
File : 5905872_meta.nc - 5905872_prof.nc -

5905873 - Existing NetCDF files
File : 5905873_meta.nc - 5905873_prof.nc -

5905874 - Existing NetCDF files
File : 5905874_meta.nc - 5905874_prof.nc -

5905875 - Existing NetCDF files
File : 5905875_meta.nc - 5905875_prof.nc -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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.nc 7900874_meta.nc 7900874_prof.nc

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

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

8.8. KMA

For some floats :

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

See below the list of floats with existing nc files :

DAC name : kma – Number of floats : 264

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

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

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

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

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

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

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

2901810 - Existing NetCDF files

File : 2901810_Rtraj.nc - 2901810_meta.nc - 2901810_prof.nc

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

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

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

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

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

8.9. KORDI/KIOST

For some floats :

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

See below the list of floats with existing nc files :

DAC name : kiost – Number of floats : 117

2901779 - Existing NetCDF files

File : 2901779_meta.nc - 2901779_prof.nc - 2901779_tech.nc

2901780 - Existing NetCDF files

File : 2901780_meta.nc - 2901780_prof.nc - 2901780_tech.nc

2901805 - Existing NetCDF files

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

3902470 - Existing NetCDF files

File : 3902470_meta.nc - 3902470_prof.nc - 3902470_tech.nc

4903636 - Existing NetCDF files

File : 4903636_meta.nc - 4903636_prof.nc - 4903636_tech.nc

4903637 - Existing NetCDF files

File : 4903637_meta.nc - 4903637_prof.nc - 4903637_tech.nc

4903764 - Existing NetCDF files

File : 4903764_meta.nc - 4903764_prof.nc - 4903764_tech.nc -

5906968 - Existing NetCDF files

File : 5906968_meta.nc - 5906968_prof.nc - 5906968_tech.nc

6990599 - Existing NetCDF files

File : 6990599_meta.nc - 6990599_prof.nc - 6990599_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 : 674

8.11. NMDIS

For some floats :

-

See below the list of floats with existing nc files :

DAC name : nmdis – Number of floats : 19