



GDAC Float Anomalies Monitoring

April 2022

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NOTES

NOVEMBER 2017

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

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

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

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

DECEMBER 2017

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

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

January 2018

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

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

The problem has been resolved rapidly.

May 2018

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

July 2018

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

March 2019

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

April 2019

Re-organization of the report

June 2019

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

September 2019

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

October 2019

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

November 2019

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

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

February 2020

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

March 2020

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

April 2020

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

October 2020

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

November 2020

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

March 2021

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

December 2021

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

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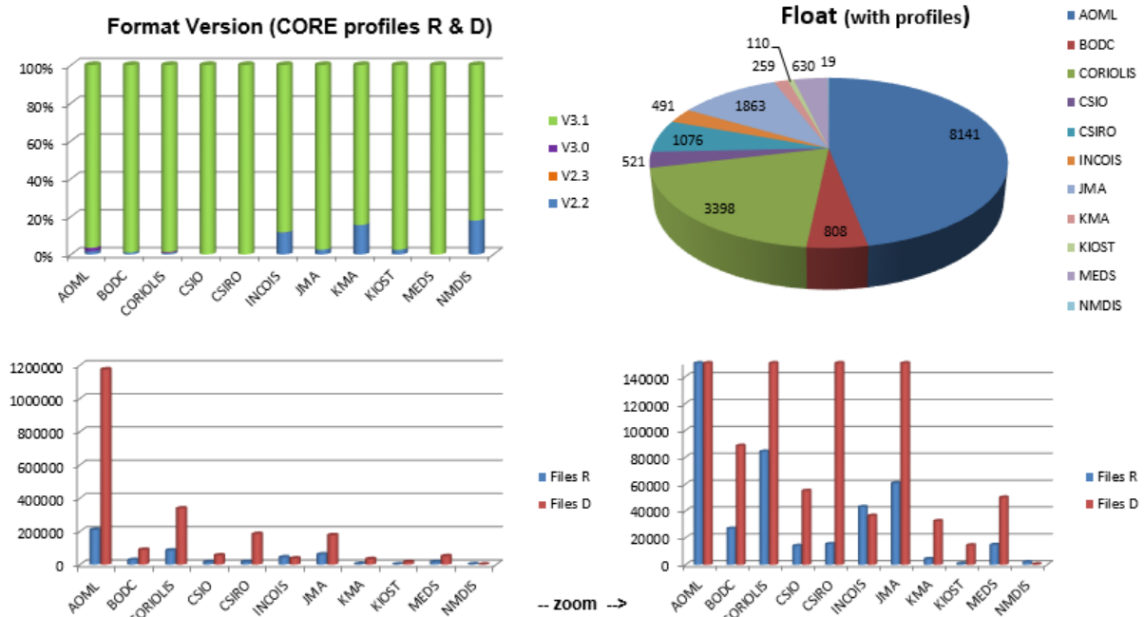
1. Anomalies of Argo profiles – Suspected drift

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

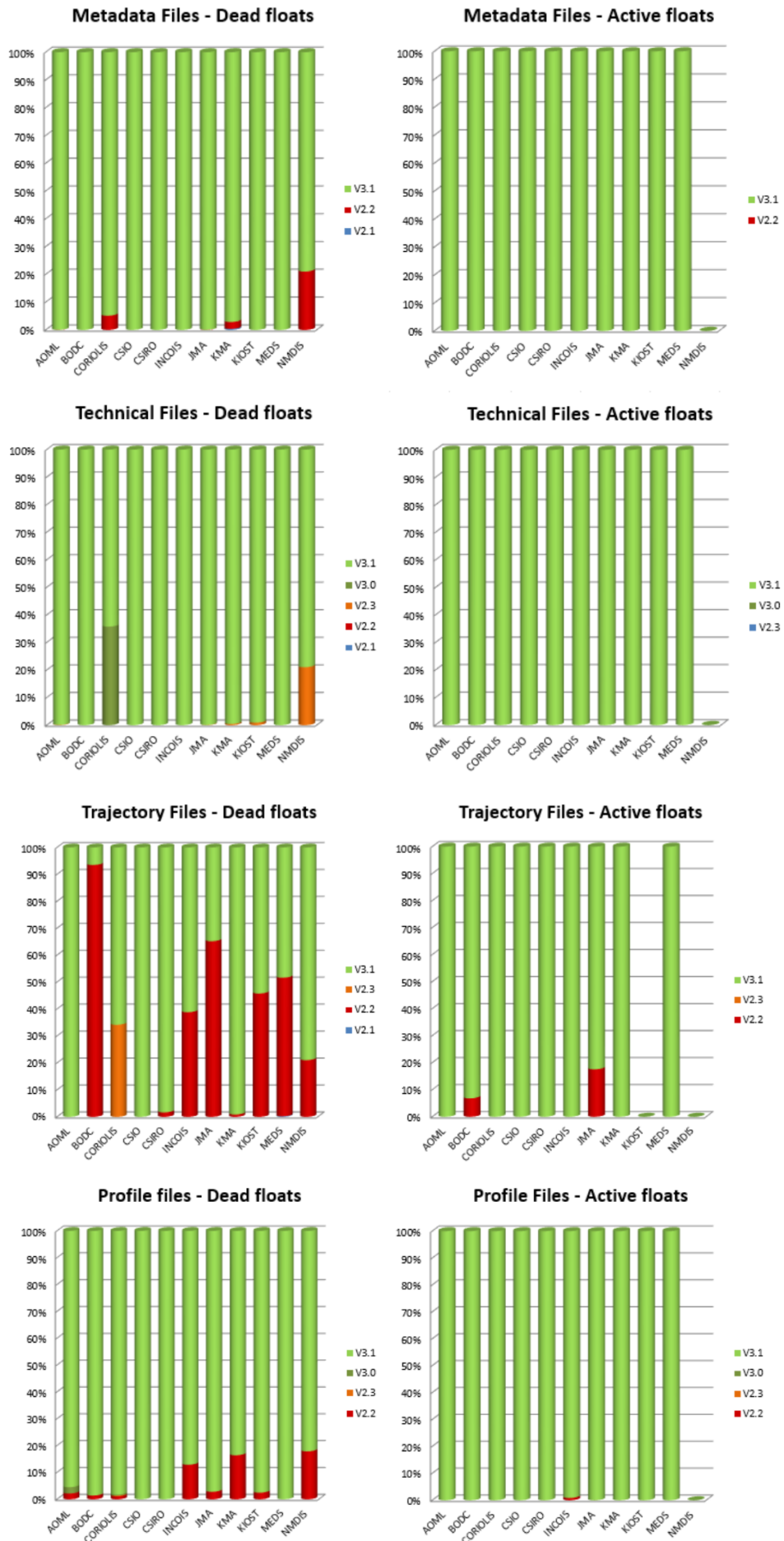
DAC	WMO	PI	First station in alert	First cycle in alert	Last Station in alert	Last cycle in alert	QC level in RT in Coriolis DB	Description	SENSOR_MODEL	SERIAL_NUM	Failure_Type for Coriolis DB (1-drift, 2-bias, 3-weird, 4-sweaked, 5-pressure, 6-adjustment issue)	Comment All drift mentions are SUSPICION 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													
ADML	1902026	DEAN ROEMMICH	2022/04/27	206			3	Argo SIO	SBE41CP_V7.2.5	8151	1	Large Jump	
ADML	1902033	DEAN ROEMMICH	2022/04/28	201			3	Argo SIO	SBE41CP_V7.2.5	8165	1	Drift	
ADML	3901284	GREGORY C. JOHNSON	2022/04/05	189			3	Argo PMEL	SBE41CP	08546	1	Slight drift?	
ADML	3901287	GREGORY C. JOHNSON	2022/03/21	194	2022/04/10	196	3	Argo PMEL	SBE41CP	08543	1	Drift	
ADML	3902165	BRECK OWENS, STEVEN JAYNE, P. E. ROBBINS	2022/05/01	115			3	Argo WHOI	SBE41CP	11037	1	Slight drift	
ADML	3902143	WUFFELS, JAYNE, ROBBINS	2022/04/03	87			4	Argo WHOI	SBE41CP	11835	3	Very bad noisy profile on salinity	
ADML	5902348	DEAN ROEMMICH	2022/04/27	308			4	Argo SIO	SBE41CP_V3.0c	5328	1	Drift or Jump?	
ADML	5902395	DEAN ROEMMICH	2022/04/24	264			3	Argo SIO	SBE41CP_V3.0c	5756	1	Slight drift	
ADML	7902113	DEAN ROEMMICH	2022/04/13	287			3	Argo SIO	SBE41CP_V3.0c	5824	1	Drift?	
CORLIOS	6902824	Sophie CRAVATTE	2022/04/17	115	2022/04/27	116	3	CORLIOS	SBE41CP_V7.2.5	10770	1	Slight drift	
CORLIOS	7901001	Arne KORTZINGER	2022/04/18	22	2022/04/23	23	3	ARGO Geomar	SBE41CP_V7.2.5	12546	1	Slight drift	
CSIRO	7909006	Peter Oke	2022/04/03	48	2022/04/13	49	3	Argo AUSTRALIA	SBE41CP_V7.2.5	12425	1	Drift	
MEDS	4902403	Blair Greenan	2022/04/21	189			3	Argo CANADA	SBE41CP	8988	1	Slight drift	
MEDS	4902443	Blair Greenan	2022/03/24	114	2022/04/23	117	3	Argo CANADA	SBE41CP	41CP-10472	1	Slight drift	
MEDS	4902459	Blair Greenan	2022/04/22	138			3	Argo CANADA	SBE41CP	41-10641	1	Slight drift	
PREVIOUS REPORTS (in last 2 months)													
ADML	1902303	NICHOLSON, WUFFELS	2022/03/17	69	2022/04/16	72	3	Argo PMEL	SBE41CP_V3.0c	12226	1	Drift	
ADML	3901169	GREGORY C. JOHNSON	2022/03/14	292	2022/04/13	295	3	Argo PMEL	SBE41CP	5519	1	Drift	
ADML	3902144	BRECK OWENS, STEVEN JAYNE, P. E. ROBBINS	2021/11/20	99	2022/04/08	113	4	Argo WHOI	SBE41CP	11032	1	Large drift, bad data	
ADML	4901651	GREGORY C. JOHNSON	2022/03/07	279	2022/04/16	283	3	Argo PMEL	SBE41CP	5578	1	Drift	
ADML	4901937	GREGORY C. JOHNSON	2022/02/25	172	2022/04/16	177	3	Argo PMEL	SBE41CP	09041	1	Slight drift	
ADML	4903196	GREGORY C. JOHNSON	2021/12/28	103	2022/03/08	110	3 & 4	Argo PMEL	SBE41CP	11125	1	Drift? Cycle 110 last cycle? Dead float?	
ADML	4903210	GREGORY C. JOHNSON	2022/02/09	100	2022/04/10	106	3	Argo PMEL	SBE41CP	09961	1	Slight drift	
ADML	5904296	GREGORY C. JOHNSON	2021/10/26	264	2022/04/04	280	3	Argo PMEL	SBE41CP	5092	1	Slight Drift	
ADML	5904490	STEPHEN RISER	2022/03/02	255	2022/04/22	260	3	Argo UW	SBE41CP	6423	1	Large drift. QC2 on PSAL but should be at least 3, in DM (till cycle 254) PSAL in QC4	
ADML	5904649	STEPHEN RISER	2022/06/29	211	2022/04/25	241	3	Argo UW	SBE41CP	6394	1	Slight drift at beginning. QC2 on PSAL but after large drift more than 7 psu saltier values.	
ADML	5904738	GREGORY C. JOHNSON	2020/01/27	119	2022/04/18	203	3	Argo PMEL	SBE41CP	7757	1	Drift	
ADML	5905083	STEPHEN RISER	2021/09/15	167	2022/04/23	189	3	Argo UW	SBE41CP	6414	1	Drift	
ADML	5905988	ANDREA FASSBENDER	2021/06/25	153	2022/04/24	183	3	Argo UW-MBARI	SBE41CP	10762	1	Drift. float seems come back in the table	
ADML	5906244	STEPHEN RISER	2022/02/09	51	2022/04/20	59	3	Argo UW	SBE41CP	11915	1	Strange profiles T&S, DMQC done till cycle 50 with QC4 on PSAL	PSAL 3.51 N/A
BODC	3901534	John Turton	2021/10/15	166	2022/03/04	180	3	Argo UK	SBE41	7832	1	Slight drift	
BODC	3901943	Romain Cancouet	2022/01/29	160	2022/03/10	164	3	ARGO MOCCA	SBE41CP_V7.2.5	8507	1	Drift	
BODC	6901926	Diarmuid O'Conchubhair	2021/09/29	200	2022/04/25	226	3	Argo IRELAND	SBE41	8837	1	Drift	
BODC	6901933	Diarmuid O'Conchubhair	2021/01/04	96	2022/04/24	107	3	Argo IRELAND	SBE41CP_V7.2.5	10959	1	Beginning of drift?	
BODC	6903753	Brian King	2020/11/19	1	2022/04/27	52	3	Argo UK	RBR_ARGO3	203420	1	Drift - Finally start at cycle 1. Instead of cycle 12	
CORLIOS	6903216	Pierre-Marie Poulain	2022/04/02	190	2022/04/22	192	3	ARGO Italy	SBE41CP	8708	1	Drift from cycle 190 but strange part of profiles for previous cycles	
CORLIOS	6902491	Dimotris KASSIS	2022/01/31	87	2022/05/01	105	3	Argo GREECE	SBE41CP	6806	1	Slight drift?	
CORLIOS	6903575	Egil Arne Mork	2021/06/08	12	2022/04/24	76	3 & 4	Argo NORWAY	SBE41CP	12717	1	Drift, profile A ok but drift on profile D	
CORLIOS	6904105	C. Jensen	2022/03/28	68	2022/04/07	69	3	Argo BSH	RBR_ARGO3	205365	1	Jump with beginning of drift?	
INCOIS	2902184	M Ravichandran	2021/11/10	222	2022/04/29	239	3	Indian Argo	SBE41CP	6674	1	Slight drift	
INCOIS	2902185	M Ravichandran	2020/12/29	190	2022/04/23	238	3	Indian Argo	SBE41CP	6670	1	Slight drift	
INCOIS	2902201	M Ravichandran	2020/08/23	164	2022/04/05	224	3	Indian Argo	SBE41	7642	1	Drift	
INCOIS	2902209	M Ravichandran	2019/03/10	92	2022/04/22	208	3 & 4	Indian Argo	SBE41CP	8353	1	cycle 109 (20190824) is 0.25 psu saltier than surrounding profiles	
INCOIS	2902210	M Ravichandran	2021/09/24	233	2022/04/22	254	3	Indian Argo	SBE41CP	8358	1	Slight Drift	
INCOIS	2902211	M Ravichandran	2020/02/22	162	2022/04/22	241	3	Indian Argo	SBE41CP	8355	1	Drift	
INCOIS	2902222	M Ravichandran	2020/06/09	161	2022/03/16	189	3	Indian Argo	SBE41	6672	1	Drift	
INCOIS	2902267	M Ravichandran	2021/08/08	93	2022/04/25	119	3 & 4	Argo INDIA	SBE41CP	11206	1	Slight drift	
INCOIS	2902268	M Ravichandran	2020/06/15	51	2022/04/26	119	3	Argo INDIA	SBE41CP	11207	1	Slight drift	
JMA	5903644	JMA	2021/11/17	68	2022/03/07	90	3	Argo ea, JMA	SBE41CP_V7.2.5	12344	1	Slight drift - Cycles 68-69 No correction needed for the DAC JMA	
JMA	5905215	JAMSTEC	2022/02/27	154	2022/04/28	160	3	Argo JAMSTEC	SBE41CP_V7.2.5	9515	1	slight drift, grey listed with QC2 on PSAL	
KMA	2901792	Kiryong Kang	2022/01/22	116	2022/04/30	130	3	Argo NIMS/KMA	SBE41CP	11994	2	Jump with bad data?	
MEDS	4902462	Blair Greenan	2021/07/31	90	2022/04/27	117	3	Argo CANADA	SBE41CP	41-10630	1	Slight drift	
MEDS	4902572	Blair Greenan	2021/12/18	1	2022/02/17	7	3	Argo CANADA	SBE41CP	41CP-13627	1	Drift	
Floats on grey list since last month (from feedback and check of greylist index)													
ADML	2902390	BRECK OWENS, STEVEN JAYNE, P. E. ROBBINS → Grey List	2022/03/25	239	2022/04/04	240	3 & 4	Argo WHOI	SBE41CP	7340	1	Cycle 229 Beginning of slight drift? Cycle 240 bad profiles	
ADML	5902516	DEAN ROEMMICH → Grey List	2022/03/27	201	2022/04/16	203	4	Argo SIO	SBE41CP_V7.2.5	8669	3	Bad profile	
ADML	5905969	DEAN ROEMMICH → Grey List	2022/03/18	135	2022/03/28	136	3	Argo SIO	SBE41CP_V7.2.5	9668	1	Drift starting	
CORLIOS	6903068	Laurent COPPOLA → Grey List	2022/03/09	54	2022/04/13	61	3	CORLIOS MOOSE	SBE41CP_V7.2.5	12913	1	Jump with beginning of drift?	
CORLIOS	3901649	Birgit Klein → Grey List	2022/03/22	153	2022/05/01	157	3	Argo BSH	SBE41CP_V7.2.5	10002	1	Drift	
JMA	2903403	JAMSTEC → Grey List	2022/03/08	103	2022/04/06	106	3	Argo JAMSTEC	SBE41CP_V7.2.5	10717	1	Drift	

2. Statistics on floats and format version (End of April 2022)

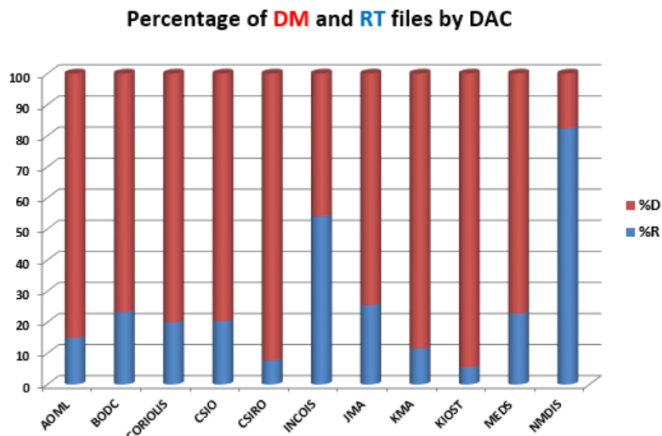
Plots showing format_version percentage, number of floats (with profiles), number of D and R files by DACs.



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



Delayed mode percentage by DAC

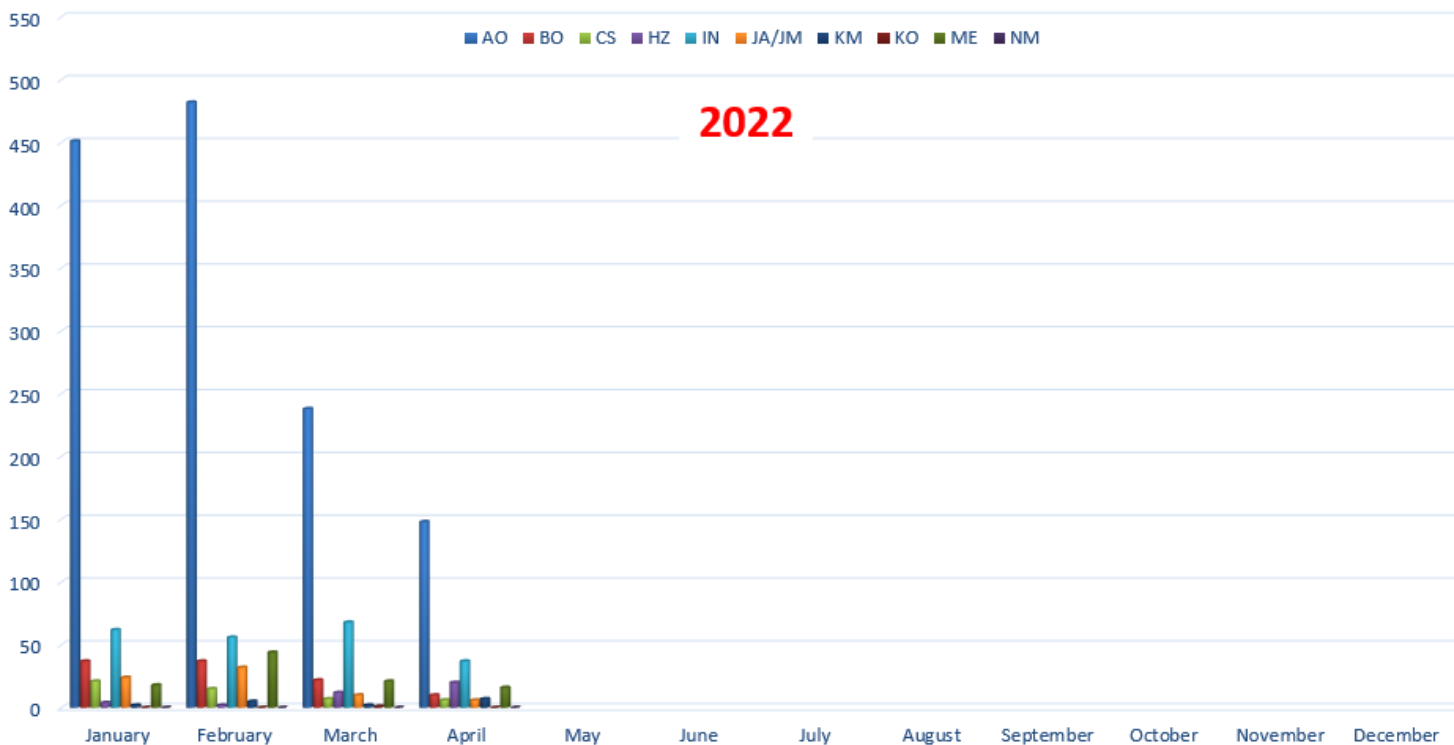


DACS	%R	%D
AOML	15,08	84,92
BODC	23,31	76,69
CORIOLIS	19,98	80,02
CSIO	20,42	79,58
CSIRO	7,76	92,24
INCOIS	54,13	45,87
JMA	25,56	74,44
KMA	11,59	88,41
KIOST	5,57	94,43
MEDS	22,84	77,16
NMDIS	82,44	17,56

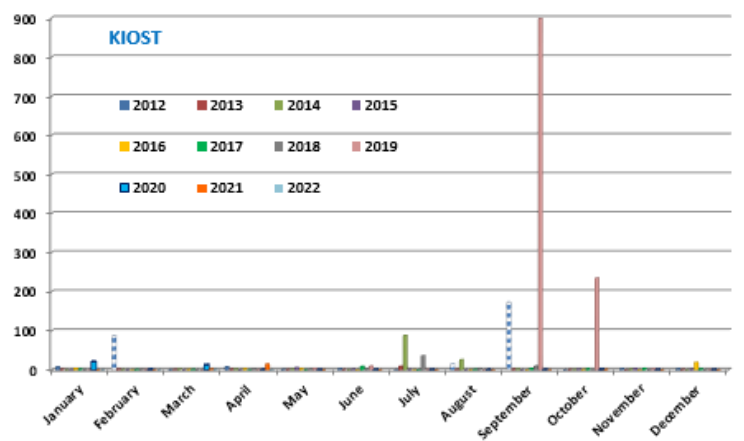
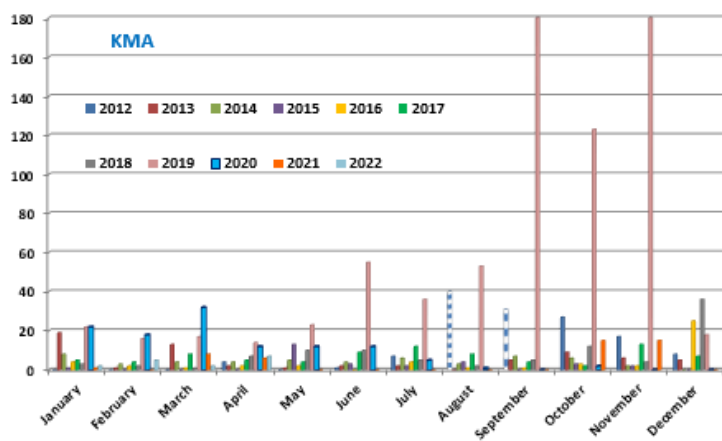
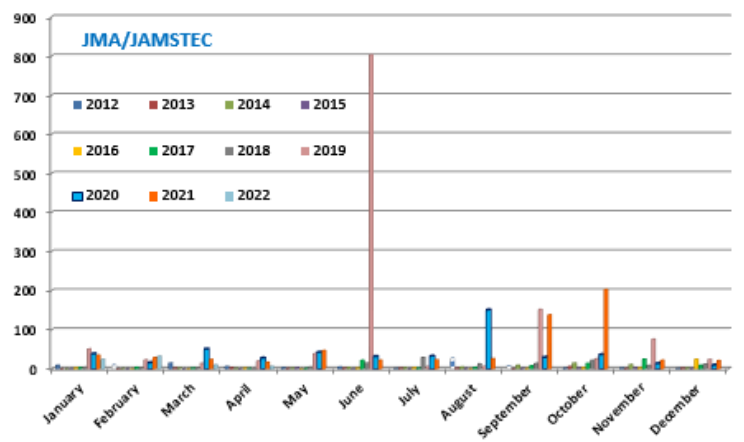
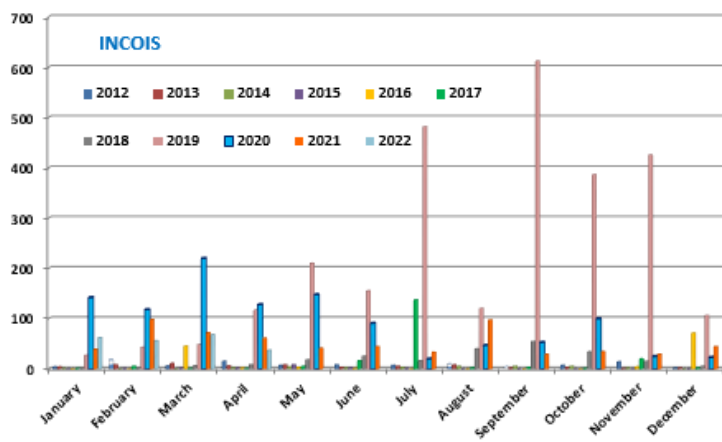
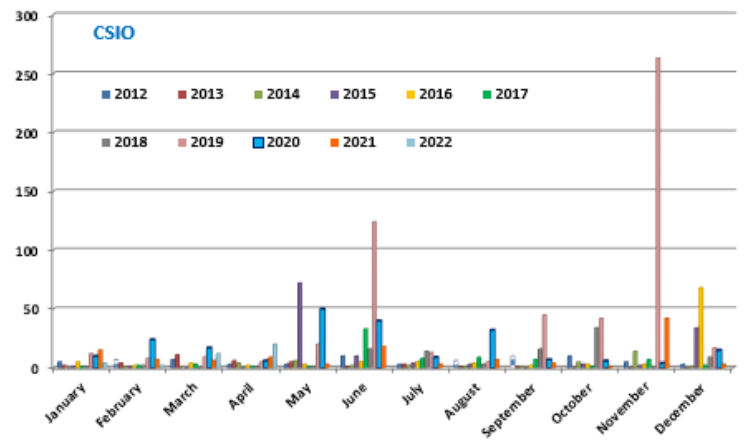
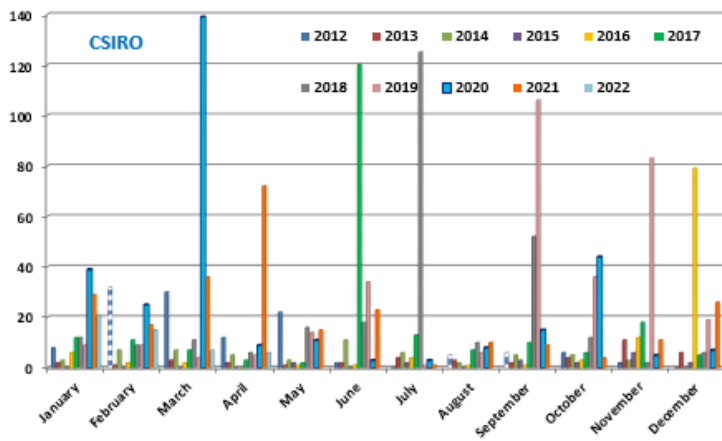
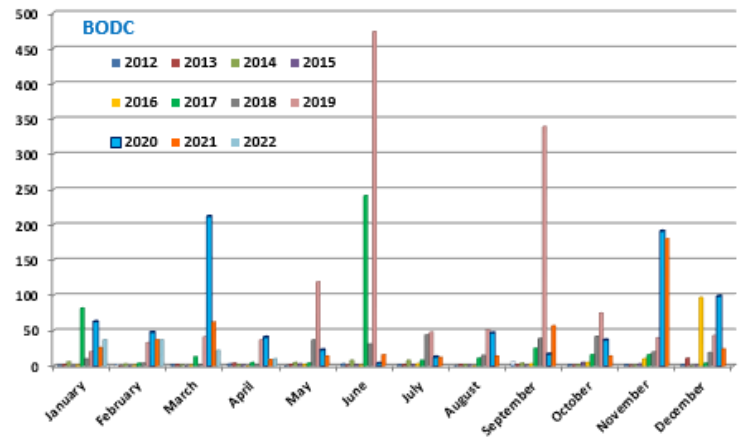
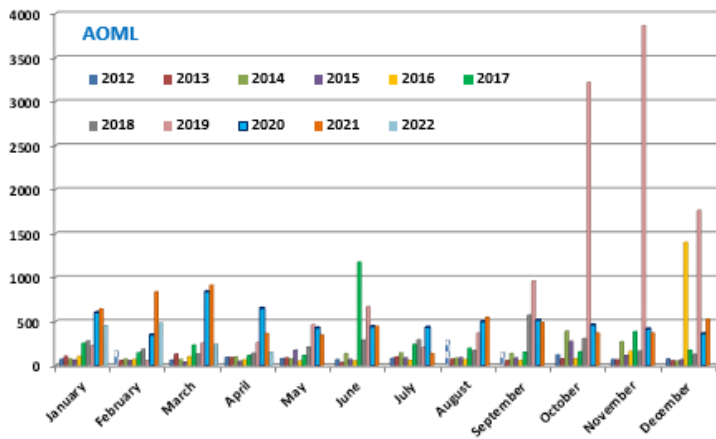
3. Statistics on Anomalies

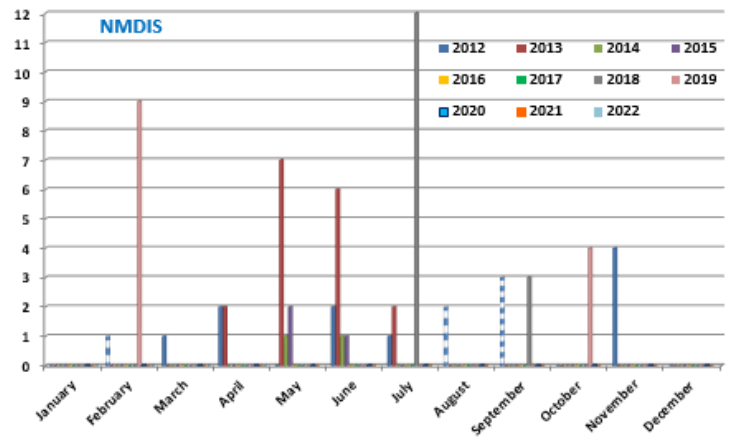
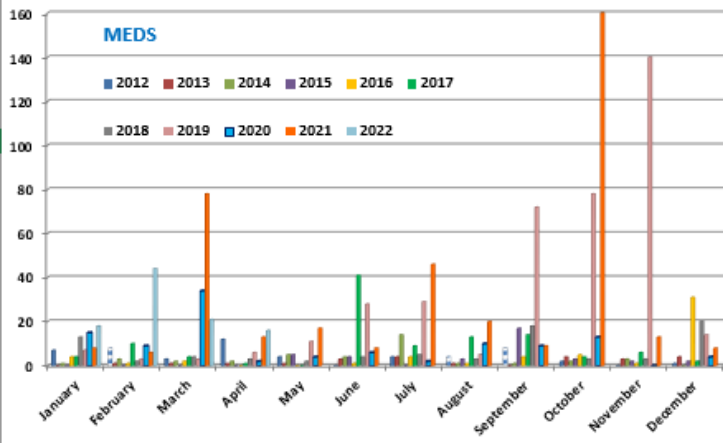
Plots showing evolution of number of anomalies by DAC.

3.1. Year

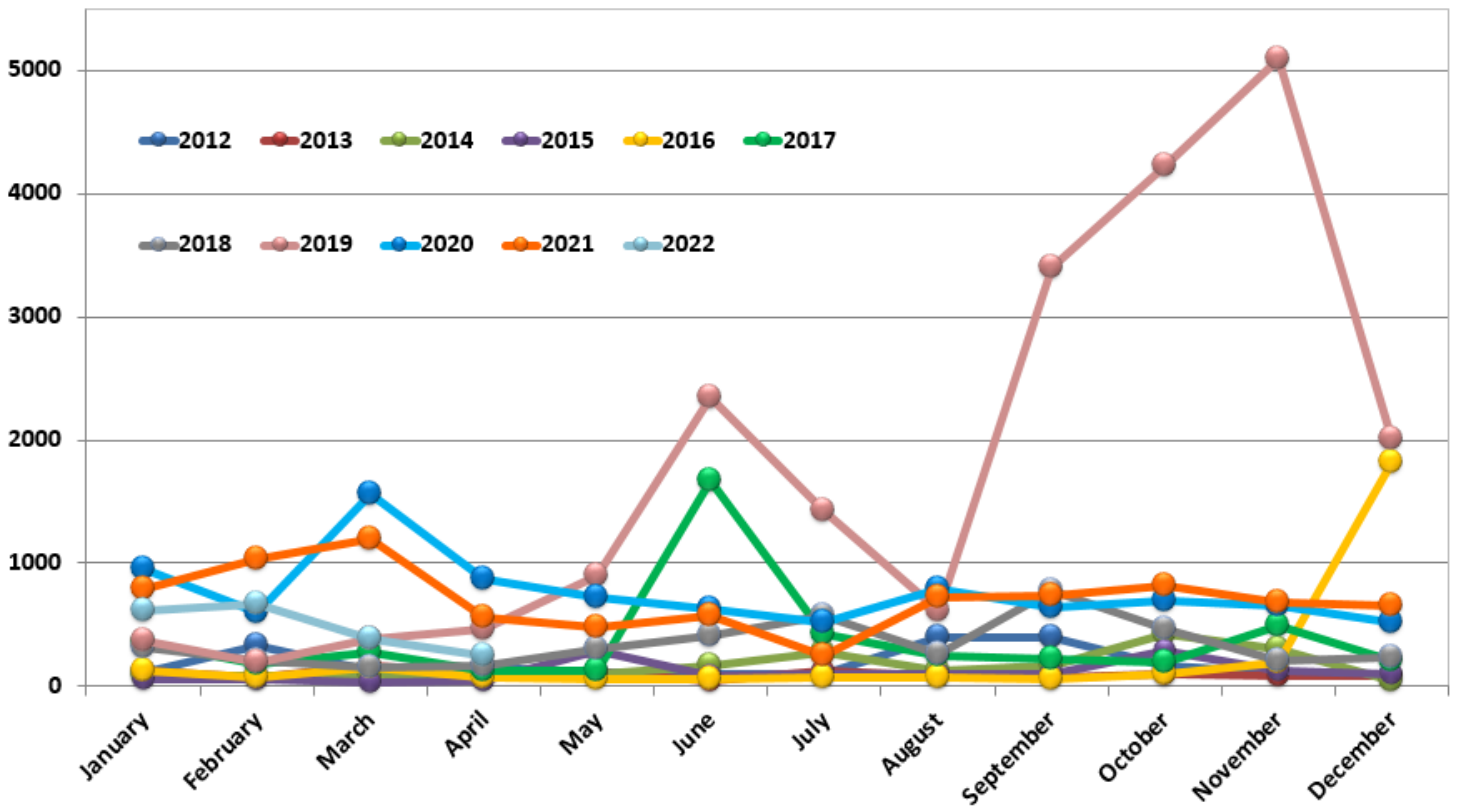


3.2. DAC





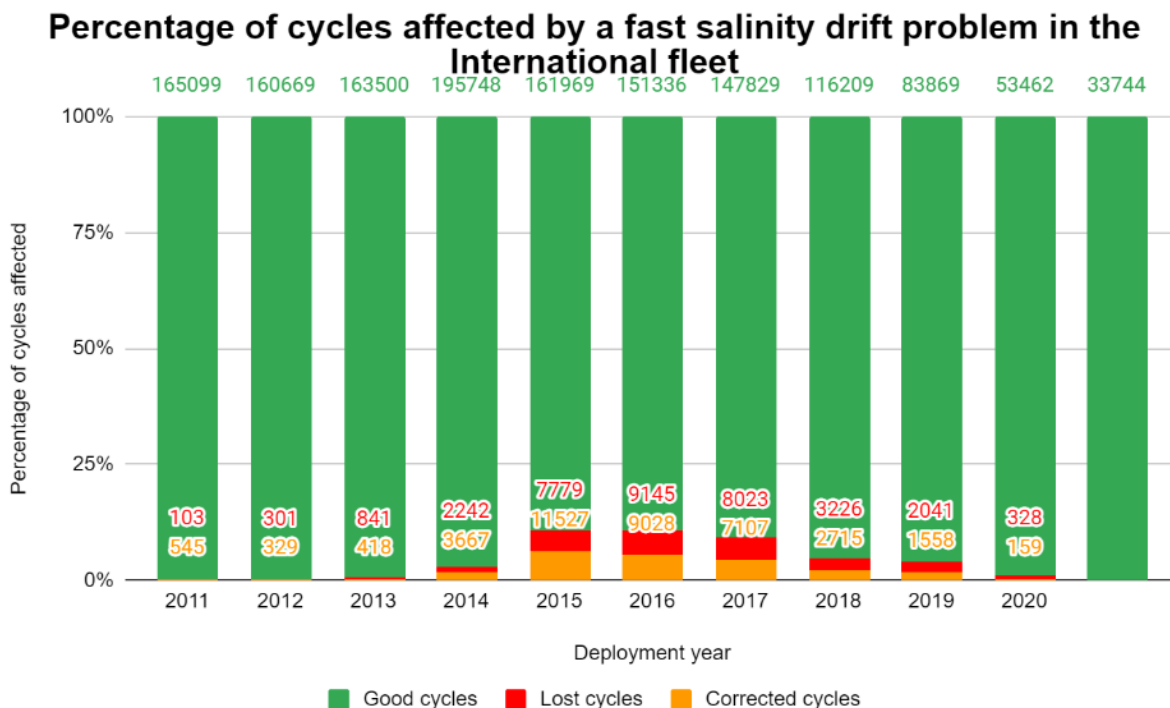
3.3. Anomalies by year, by month



4. Fast Salinity Drift from the spreadsheet "Salinity drift assessment and statistics" (04/04/2022)

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 (total green+orange+red indicated on top).



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

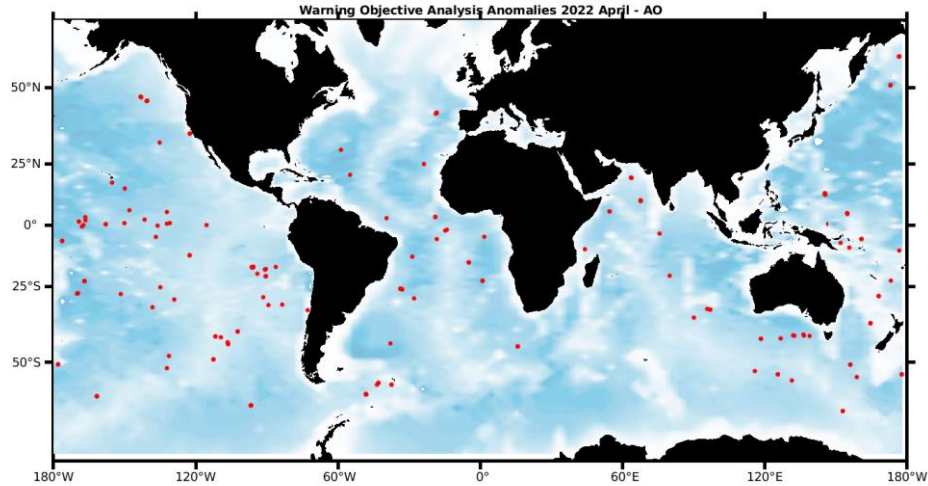
<https://docs.google.com/spreadsheets/d/1TA7SAnTiUvCK7AyGtSTUq3gu9QFbVdONj9M9zAq8CJU/edit#gid=1096144849>

5. DAC Anomalies

5.1. DAC AOML

Profiles detected by the objective analysis: 148 profiles (102 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
48 cycles	93 cycles	7 cycles



Status of corrections: Done.

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

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

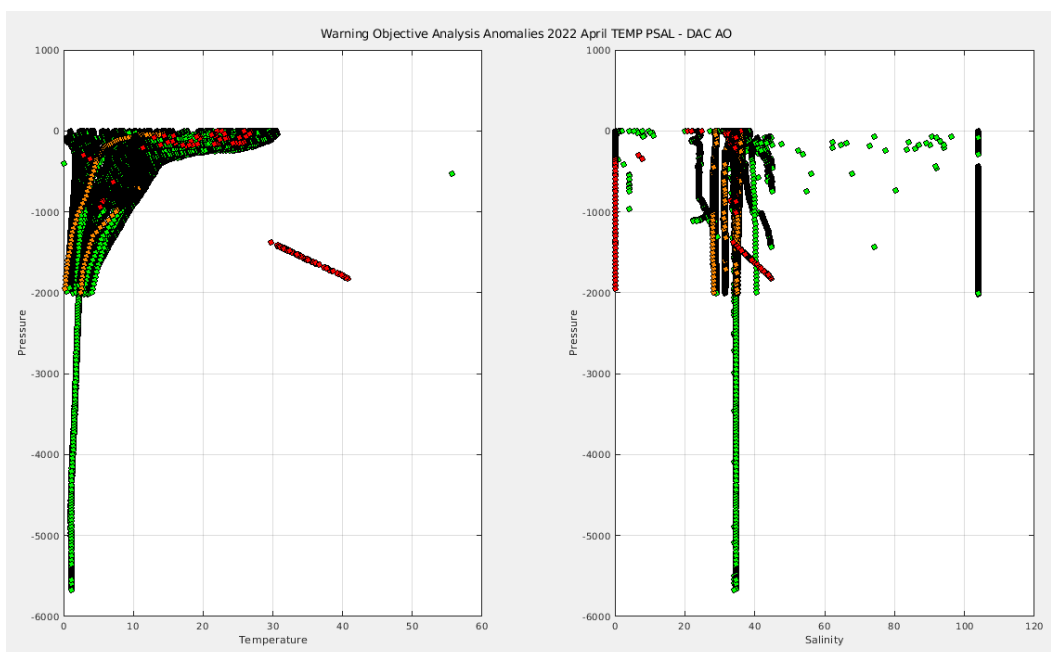
Files data_mode='R' / 'A'

Float : 1901838 - Cycle : 239 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8441 - Date : 2022 4 10
Float : 1902026 - Cycle : 206 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8494 - Date : 2022 4 27
Float : 1902033 - Cycle : 201 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8501 - Date : 2022 4 28
Float : 1902063 - Cycle : 199 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7397 - Date : 2022 4 8
Float : 1902200 - Cycle : 136 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0858 - Date : 2022 3 13
Float : 1902206 - Cycle : 152 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7472 - Date : 2022 4 17
Float : 1902210 - Cycle : 156 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7478 - Date : 2022 4 26
Float : 1902303 - Cycle : 71 - PI : NICHOLSON, WIJFFELS - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1201 - Date : 2022 4 6
Float : 1902303 - Cycle : 72 - PI : NICHOLSON, WIJFFELS - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1201 - Date : 2022 4 16
Float : 1902317 - Cycle : 12 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7687 - Date : 2022 4 14
Float : 1902379 - Cycle : 10 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7631 - Date : 2022 4 14
Float : 1902424 - Cycle : 10 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7749 - Date : 2022 4 6
Float : 1902445 - Cycle : 9 - PI : WHOI: WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : ALTO - WMO inst type : 876 - FLOAT SERIAL : 11059 - Date : 2022 3 21
Float : 1902445 - Cycle : 13 - PI : WHOI: WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : ALTO - WMO inst type : 876 - FLOAT SERIAL : 11059 - Date : 2022 4 28
Float : 2902390 - Cycle : 239 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7329 - Date : 2022 3 25
Float : 2902390 - Cycle : 240 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7329 - Date : 2022 4 4
Float : 2902392 - Cycle : 242 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7332 - Date : 2022 4 15
Float : 3901169 - Cycle : 294 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0287 - Date : 2022 4 3
Float : 3901169 - Cycle : 295 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0287 - Date : 2022 4 13
Float : 3901245 - Cycle : 253 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8431 - Date : 2022 4 19
Float : 3901284 - Cycle : 189 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0713 - Date : 2022 4 5
Float : 3901287 - Cycle : 194 - PI : GREGORY C. JOHNSON - Data mode : R - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0716 - Date : 2022 3 21
Float : 3901287 - Cycle : 196 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0716 - Date : 2022 4 10
Float : 3901314 - Cycle : 172 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8568 - Date : 2022 4 7
Float : 3901471 - Cycle : 167 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8582 - Date : 2022 4 22
Float : 3901473 - Cycle : 194 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8584 - Date : 2022 3 28
Float : 3901474 - Cycle : 166 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8585 - Date : 2022 4 16
Float : 3901474 - Cycle : 167 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8585 - Date : 2022 4 26
Float : 3901485 - Cycle : 164 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8598 - Date : 2022 4 13
Float : 3901810 - Cycle : 198 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7413 - Date : 2022 3 26
Float : 3902144 - Cycle : 99 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7524 - Date : 2021 11 20
Float : 3902144 - Cycle : 100 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7524 - Date : 2021 11 30
Float : 3902144 - Cycle : 101 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7524 - Date : 2021 12 10

Float : 5905785 - Cycle : 149 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_D - WMO inst type : 862 - FLOAT SERIAL : 6054 - Date : 2021 1 13
 Float : 5905988 - Cycle : 181 - PI : ANDREA FASSBENDER - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0949 - Date : 2022 4 4
 Float : 5905988 - Cycle : 182 - PI : ANDREA FASSBENDER - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0949 - Date : 2022 4 14
 Float : 5905988 - Cycle : 183 - PI : ANDREA FASSBENDER - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0949 - Date : 2022 4 24
 Float : 5906037 - Cycle : 211 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8373 - Date : 2022 4 15
 Float : 5906051 - Cycle : 84 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2022 4 6
 Float : 5906112 - Cycle : 113 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_D - WMO inst type : 862 - FLOAT SERIAL : 6066 - Date : 2022 3 30
 Float : 5906130 - Cycle : 85 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8847 - Date : 2022 4 3
 Float : 5906160 - Cycle : 44 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1046 - Date : 2022 4 4
 Float : 5906165 - Cycle : 90 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1138 - Date : 2022 4 14
 Float : 5906235 - Cycle : 76 - PI : STEPHEN RISER, KENNETH JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8699 - Date : 2022 4 13
 Float : 5906238 - Cycle : 74 - PI : STEPHEN RISER, KENNETH JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8702 - Date : 2022 4 3
 Float : 5906264 - Cycle : 56 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8719 - Date : 2022 3 31
 Float : 5906264 - Cycle : 58 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8719 - Date : 2022 4 20
 Float : 5906290 - Cycle : 60 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8868 - Date : 2022 4 15
 Float : 5906409 - Cycle : 48 - PI : PHIL SUTTON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8910 - Date : 2022 3 29
 Float : 5906415 - Cycle : 52 - PI : DEAN ROEMMICH, NATHALIE ZILBERMAN, SARAH PURKEY, JOHN GILSON - Data mode : A - Platform type : SOLO_D - WMO inst type : 862 - FLOAT SERIAL : 6077 - Date : 2022 3 16
 Float : 5906475 - Cycle : 13 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9406 - Date : 2022 4 14
 Float : 5906508 - Cycle : 6 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 1118 - Date : 2022 4 7
 Float : 5906704 - Cycle : 21 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8943 - Date : 2022 4 14
 Float : 5906726 - Cycle : 20 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8966 - Date : 2022 4 17
 Float : 5906733 - Cycle : 20 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8973 - Date : 2022 4 21
 Float : 5906735 - Cycle : 19 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8975 - Date : 2022 4 12
 Float : 5906757 - Cycle : 17 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 3103 - Date : 2022 4 25
 Float : 5906765 - Cycle : 0 - PI : SARAH PURKEY - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 0002 - Date : 2022 3 28
 Float : 5906766 - Cycle : 0 - PI : SARAH PURKEY - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 0003 - Date : 2022 3 28
 Float : 7900213 - Cycle : 286 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8331 - Date : 2022 4 3
 Float : 7900213 - Cycle : 287 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8331 - Date : 2022 4 13
 Float : 7900672 - Cycle : 269 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8457 - Date : 2022 4 14

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]

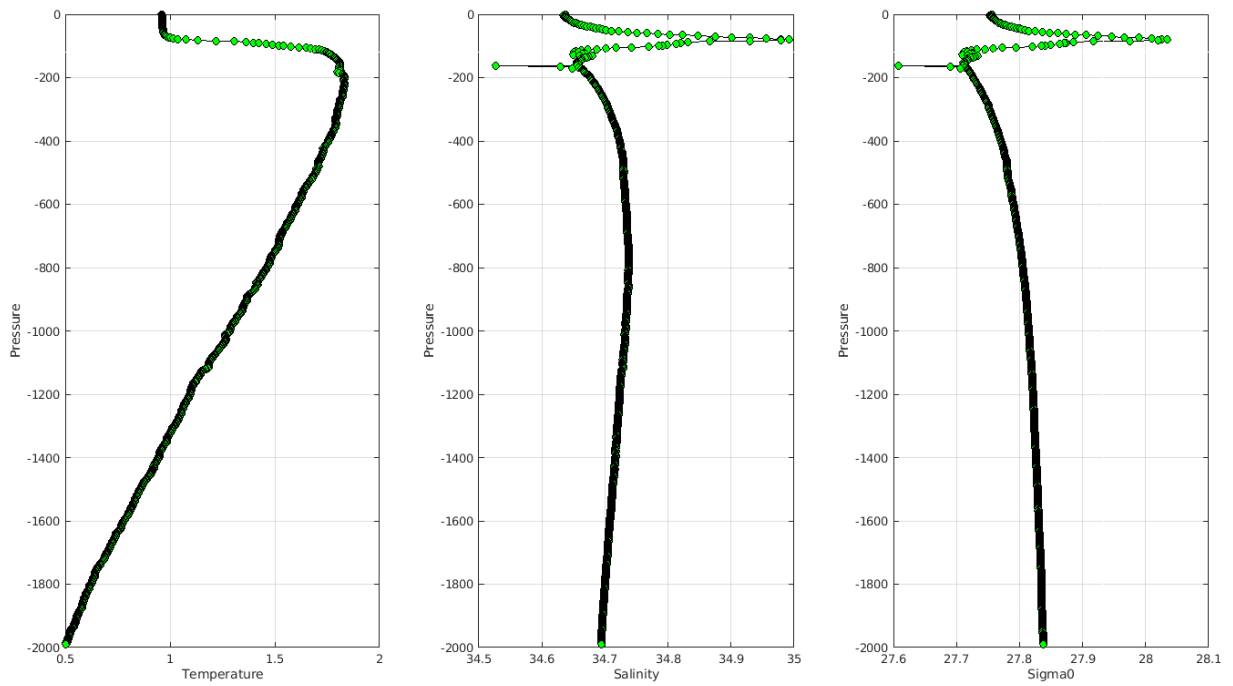
Float : 1900203 - Cycle : 90 - PI : BRECK OWENS - Data mode : D - Platform type : SOLO_W - WMO inst type : 852 - FLOAT SERIAL : SL199 - Date : 2005 11 3
 Float : 3901468 - Cycle : 62 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8569 - Date : 2019 4 26
 Float : 3902168 - Cycle : 6 - PI : WIJFFELS, JAYNE, ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7587 - Date : 2019 9 23
 Float : 5903999 - Cycle : 204 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5585 - Date : 2016 10 23
 Float : 5905240 - Cycle : 17 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8558 - Date : 2018 1 10
 Float : 5905772 - Cycle : 93 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8715 - Date : 2021 2 27
 Float : 5906404 - Cycle : 10 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8818 - Date : 2020 11 21



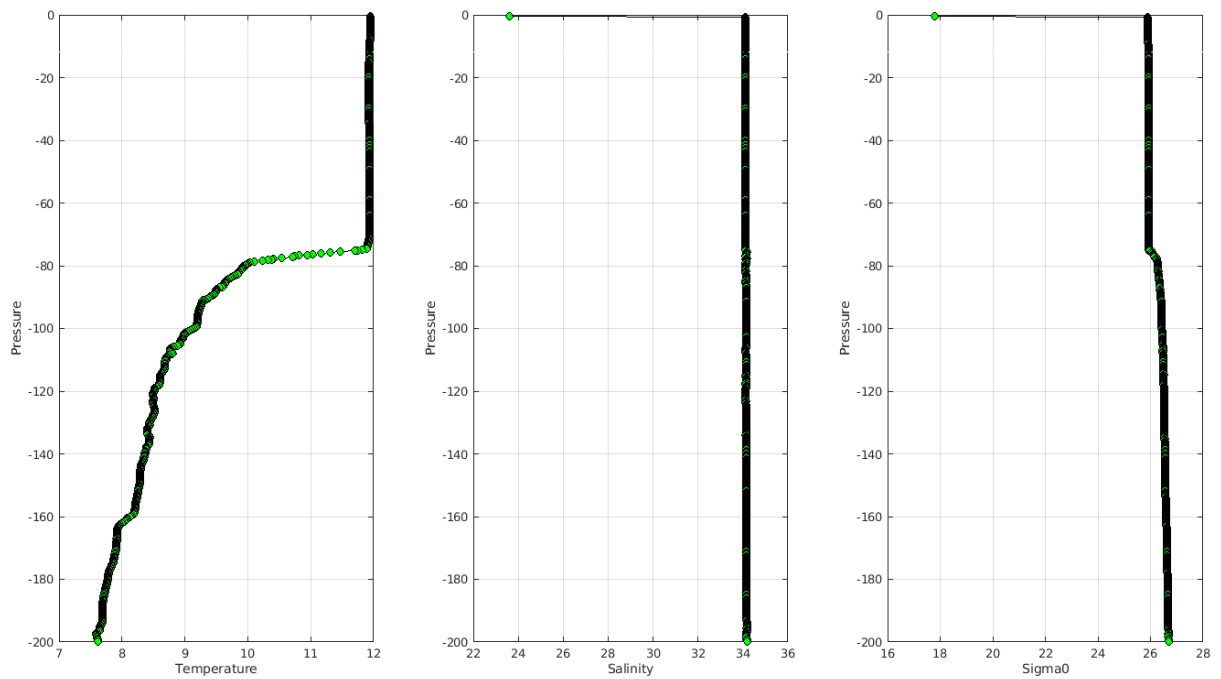
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/aom/>

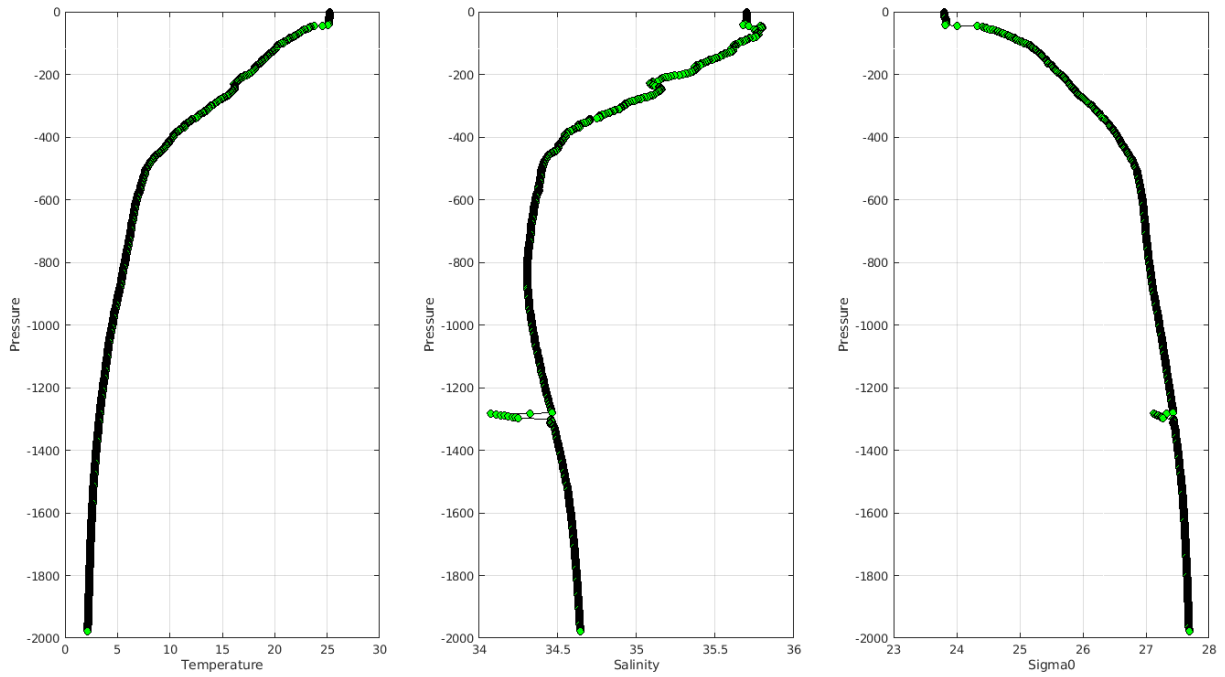
Example of anomalies:

Warning Objective Analysis Anomalies 2022 April TEMP PSAL : DAC AO- Float 1901838 - 239



Warning Objective Analysis Anomalies 2022 April TEMP PSAL : DAC AO- Float 3901474 - 167





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

- Error on practical salinity adjusted error :

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

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

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

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

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

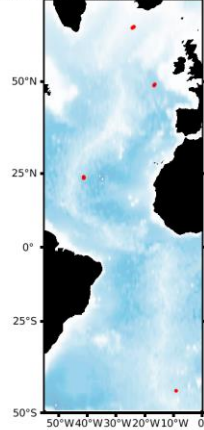
For instance cycle 92 PSAL_ADJUSTED_ERROR = 2011706.750, 2010896.625, 2012649.000, 2023217.000,

5.2. DAC BODC

Profiles detected by the objective analysis: 10 profiles (4 floats but floats can have several cycles with anomalies)

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

Warning Objective Analysis Anomalies 2022 April - BO

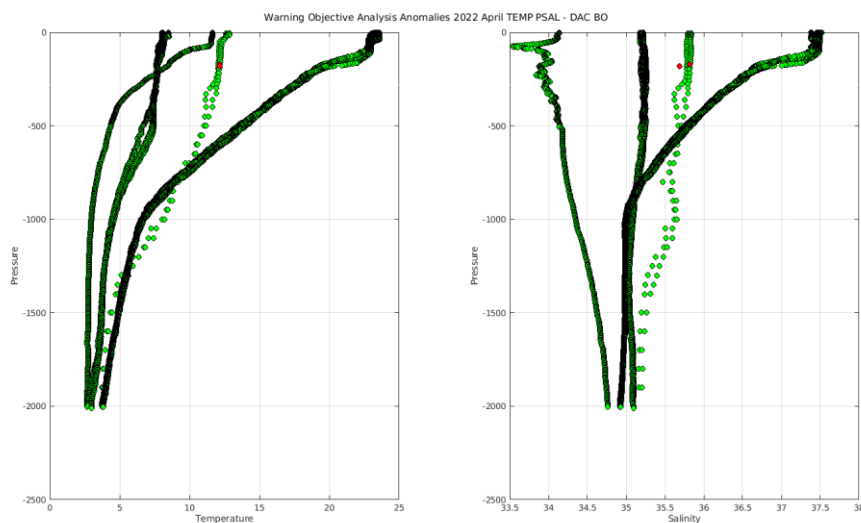


Status of corrections: Correction in progress, regular feedback.

Files data mode='R' / 'A'

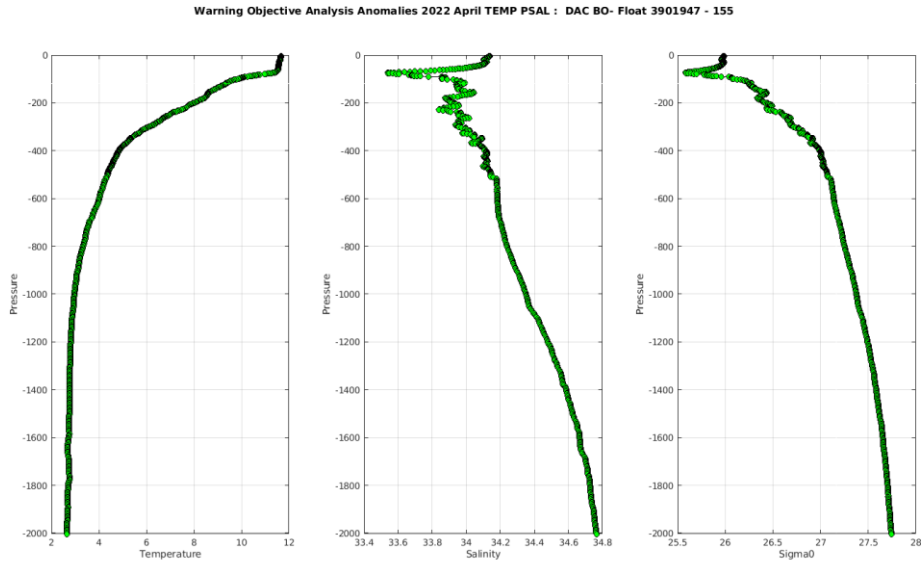
Float : 3901947 - Cycle : 155 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR090 - Date : 2022 4 14
 Float : 6901926 - Cycle : 225 - PI : Diarmuid O'Conchubhair - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7842 - Date : 2022 4 17
 Float : 6901926 - Cycle : 226 - PI : Diarmuid O'Conchubhair - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7842 - Date : 2022 4 25
 Float : 6901933 - Cycle : 105 - PI : Diarmuid O'Conchubhair - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2632-18EU038 - Date : 2022 4 4
 Float : 6901933 - Cycle : 106 - PI : Diarmuid O'Conchubhair - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2632-18EU038 - Date : 2022 4 14
 Float : 6901933 - Cycle : 107 - PI : Diarmuid O'Conchubhair - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2632-18EU038 - Date : 2022 4 24
 Float : 6903753 - Cycle : 49 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2022 3 30
 Float : 6903753 - Cycle : 50 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2022 4 8
 Float : 6903753 - Cycle : 51 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2022 4 18
 Float : 6903753 - Cycle : 52 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2022 4 27

Files data mode='D'



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

Example of anomalies:



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

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

```

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

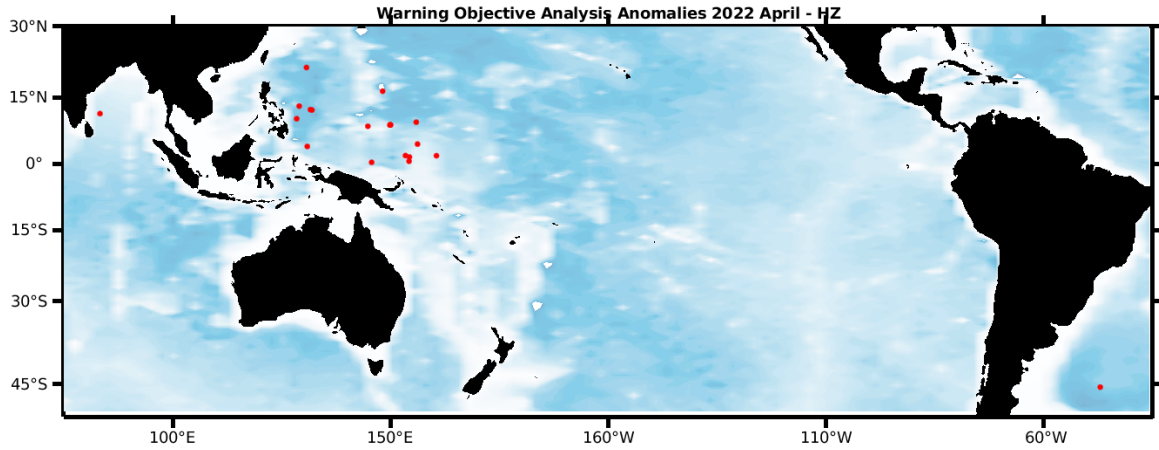
- Mix between RT and DM files: Float 6901181 ex below DM files till cycle 367 but a lot of old cycle in RT (1D, 2D, 3, 3D, 4,)

D6901181_350.nc	17-May-2019 16:39 242K	R6901181_011.nc	06-Jun-2021 22:33 91K	R6901181_031.nc	06-Jun-2021 22:34 94K
D6901181_351.nc	17-May-2019 16:39 240K	R6901181_011D.nc	06-Jun-2021 22:33 90K	R6901181_031D.nc	06-Jun-2021 22:34 71K
D6901181_352.nc	17-May-2019 16:39 243K	R6901181_012.nc	06-Jun-2021 22:33 87K	R6901181_032D.nc	06-Jun-2021 22:35 126K
D6901181_353.nc	17-May-2019 16:39 255K	R6901181_012D.nc	06-Jun-2021 22:33 111K	R6901181_033.nc	06-Jun-2021 22:35 87K
D6901181_354.nc	17-May-2019 16:39 256K	R6901181_013D.nc	06-Jun-2021 22:33 104K	R6901181_033D.nc	06-Jun-2021 22:35 90K
D6901181_355.nc	17-May-2019 16:39 278K	R6901181_014.nc	06-Jun-2021 22:33 75K	R6901181_034.nc	06-Jun-2021 22:35 86K
D6901181_356.nc	17-May-2019 16:39 238K	R6901181_014D.nc	06-Jun-2021 22:33 123K	R6901181_034D.nc	06-Jun-2021 22:35 86K
D6901181_357.nc	17-May-2019 16:39 237K	R6901181_015D.nc	06-Jun-2021 22:33 102K	R6901181_035.nc	06-Jun-2021 22:35 91K
D6901181_358.nc	17-May-2019 16:39 244K	R6901181_016.nc	06-Jun-2021 22:33 71K	R6901181_035D.nc	06-Jun-2021 22:35 94K
D6901181_359.nc	17-May-2019 16:39 303K	R6901181_016D.nc	06-Jun-2021 22:33 156K	R6901181_036.nc	06-Jun-2021 22:35 85K
D6901181_360.nc	17-May-2019 16:39 260K	R6901181_017D.nc	06-Jun-2021 22:33 72K	R6901181_036D.nc	06-Jun-2021 22:35 83K
D6901181_361.nc	17-May-2019 16:39 252K	R6901181_018.nc	06-Jun-2021 22:33 88K	R6901181_037D.nc	06-Jun-2021 22:35 192K
D6901181_362.nc	17-May-2019 16:39 250K	R6901181_018D.nc	06-Jun-2021 22:33 150K	R6901181_038D.nc	06-Jun-2021 22:35 94K
D6901181_363.nc	17-May-2019 16:39 259K	R6901181_019D.nc	06-Jun-2021 22:34 72K	R6901181_039D.nc	06-Jun-2021 22:35 75K
D6901181_364.nc	17-May-2019 16:39 230K	R6901181_020.nc	06-Jun-2021 22:34 78K	R6901181_040D.nc	06-Jun-2021 22:35 101K
D6901181_365.nc	17-May-2019 16:39 257K	R6901181_020D.nc	06-Jun-2021 22:34 149K	R6901181_368.nc	06-Jun-2021 22:48 246K
D6901181_366.nc	17-May-2019 16:39 230K	R6901181_021D.nc	06-Jun-2021 22:34 100K	R6901181_369.nc	06-Jun-2021 22:48 237K
D6901181_367.nc	17-May-2019 16:39 240K	R6901181_022.nc	06-Jun-2021 22:34 63K	R6901181_370.nc	06-Jun-2021 22:48 243K
R6901181_001D.nc	06-Jun-2021 22:32 28K	R6901181_022D.nc	06-Jun-2021 22:34 151K	R6901181_371.nc	06-Jun-2021 22:48 246K
R6901181_002D.nc	06-Jun-2021 22:32 94K	R6901181_023D.nc	06-Jun-2021 22:34 101K	R6901181_372.nc	06-Jun-2021 22:48 239K
R6901181_003.nc	06-Jun-2021 22:32 87K	R6901181_024.nc	06-Jun-2021 22:34 88K	R6901181_373.nc	06-Jun-2021 22:48 238K
R6901181_003D.nc	06-Jun-2021 22:32 72K	R6901181_024D.nc	06-Jun-2021 22:34 124K	R6901181_374.nc	06-Jun-2021 22:48 274K
R6901181_004.nc	06-Jun-2021 22:32 84K	R6901181_025.nc	06-Jun-2021 22:34 87K	R6901181_375.nc	06-Jun-2021 22:48 238K
R6901181_004D.nc	06-Jun-2021 22:32 98K	R6901181_025D.nc	06-Jun-2021 22:34 72K	R6901181_376.nc	06-Jun-2021 22:48 248K
R6901181_005D.nc	06-Jun-2021 22:32 96K	R6901181_026D.nc	06-Jun-2021 22:34 72K	R6901181_377.nc	06-Jun-2021 22:48 242K
R6901181_006D.nc	06-Jun-2021 22:32 267K	R6901181_027D.nc	06-Jun-2021 22:34 149K	R6901181_378.nc	06-Jun-2021 22:48 252K
R6901181_007D.nc	06-Jun-2021 22:33 189K	R6901181_028D.nc	06-Jun-2021 22:34 165K	R6901181_379.nc	06-Jun-2021 22:49 233K
R6901181_008.nc	06-Jun-2021 22:33 82K	R6901181_029D.nc	06-Jun-2021 22:34 81K	R6901181_380.nc	06-Jun-2021 22:49 241K
R6901181_008D.nc	06-Jun-2021 22:33 125K	R6901181_030.nc	06-Jun-2021 22:34 56K	-----	-----
R6901181_009D.nc	06-Jun-2021 22:33 94K	R6901181_030D.nc	06-Jun-2021 22:34 186K		
R6901181_010.nc	06-Jun-2021 22:33 77K				
R6901181_010D.nc	06-Jun-2021 22:33 325K				

5.3. DAC CSIO

Profiles detected by the objective analysis: 20 profiles (12 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	4 cycles	16 cycles



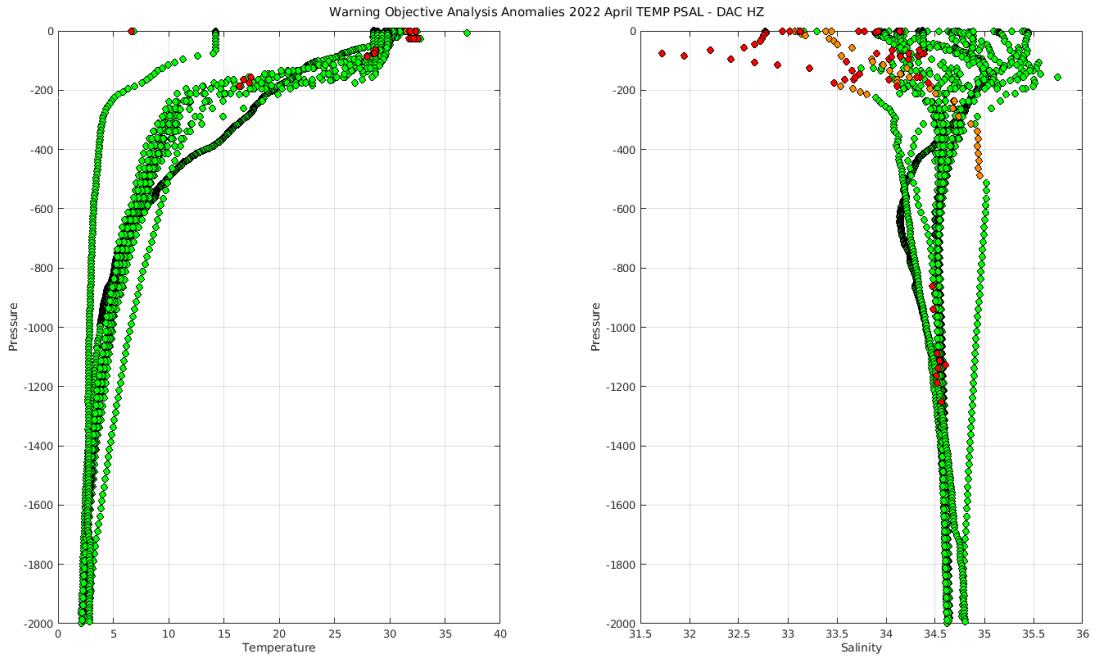
Status of corrections: No regular feedback, corrections seem done. Feedback for DM profiles.

Files data_mode='R' / 'A'

Float : 2902765 - Cycle : 82 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-19CH016 - Date : 2022 4 23
 Float : 2902803 - Cycle : 63 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH021 - Date : 2022 4 1
 Float : 2902803 - Cycle : 66 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH021 - Date : 2022 4 22
 Float : 2902830 - Cycle : 12 - PI : WEI WANG - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32826-18CH010 - Date : 2022 4 6

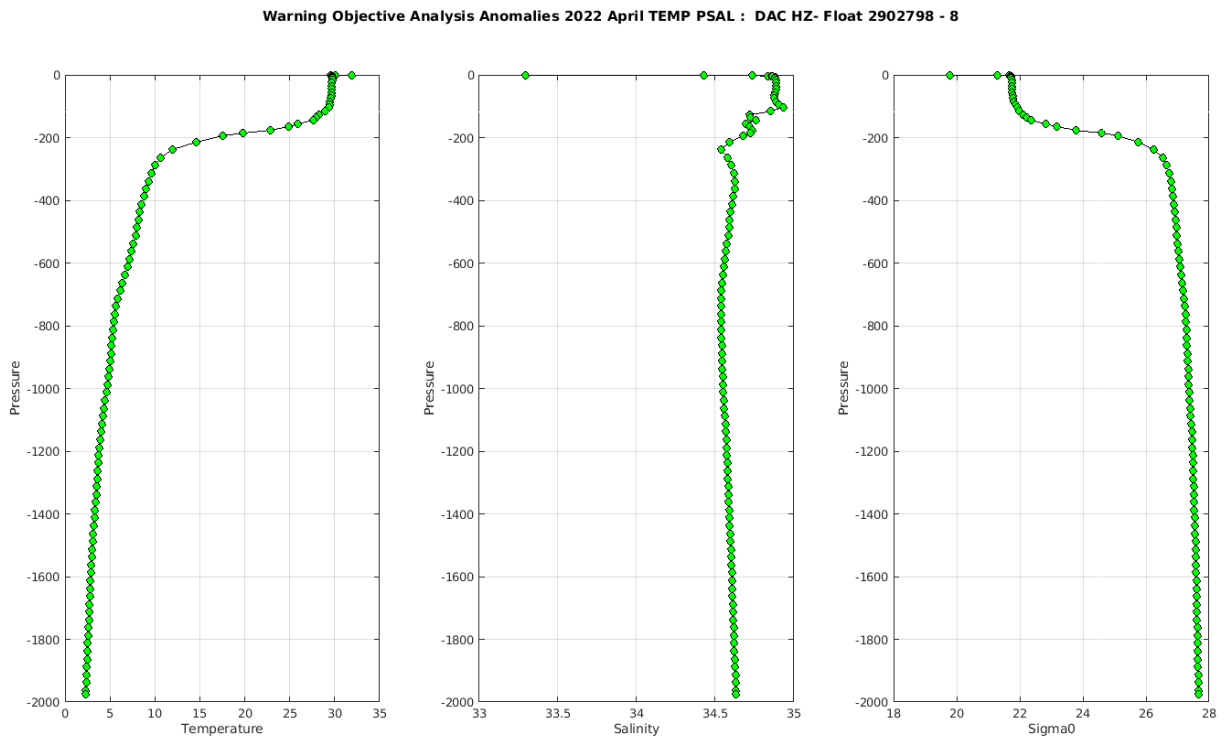
Files data_mode='D'

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 : 2902718 - Cycle : 22 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8248 - Date : 2018 9 7
 Float : 2902798 - Cycle : 8 - PI : FENG ZHOU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH016 - Date : 2021 3 10
 Float : 2902800 - Cycle : 36 - PI : FENG ZHOU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH018 - Date : 2021 9 12
 Float : 2902803 - Cycle : 1 - PI : FENG ZHOU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH021 - Date : 2021 1 23
 Float : 2902803 - Cycle : 62 - PI : FENG ZHOU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH021 - Date : 2022 3 25
 Float : 2902809 - Cycle : 24 - PI : FENG ZHOU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH006 - Date : 2021 6 18
 Float : 2902811 - Cycle : 25 - PI : FENG ZHOU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH008 - Date : 2021 6 30
 Float : 2902813 - Cycle : 16 - PI : FENG ZHOU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH010 - Date : 2021 5 4
 Float : 2902813 - Cycle : 44 - PI : FENG ZHOU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH010 - Date : 2021 11 16
 Float : 2902819 - Cycle : 9 - PI : FENG ZHOU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH028 - Date : 2021 3 5
 Float : 2902819 - Cycle : 17 - PI : FENG ZHOU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH028 - Date : 2021 4 30
 Float : 2902821 - Cycle : 36 - PI : FENG ZHOU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH030 - Date : 2021 9 29



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

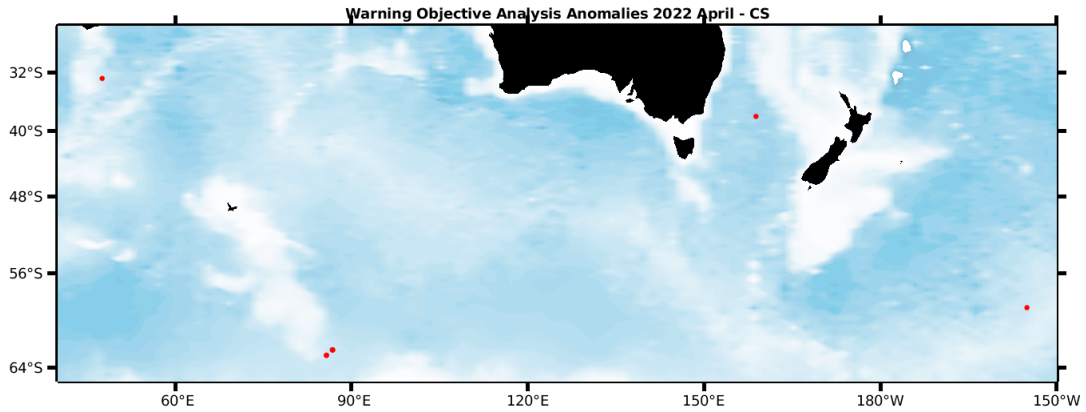
Example of anomalies:



5.4. DAC CSIRO

Profiles detected by the objective analysis: 6 profiles (5 floats but floats can have several cycles with anomalies)

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

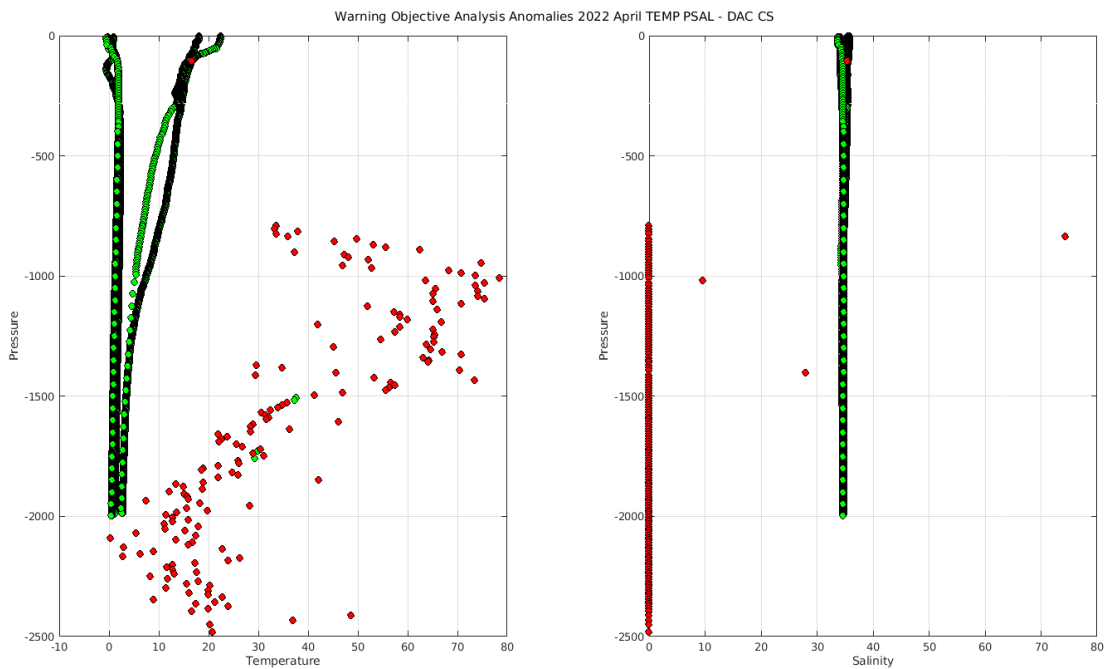


Status of corrections: Corrections done or in progress, regular feedback.

Files data mode='R' / 'A'

- Float : 1901754 - Cycle : 83 - PI : Peter Oke - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 1061 - Date : 2022 4 20
- Float : 5904998 - Cycle : 230 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7377 - Date : 2022 2 5
- Float : 5906635 - Cycle : 37 - PI : Tom Trull - Data mode : A - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P43208-20AU001 - Date : 2021 12 6
- Float : 7900906 - Cycle : 48 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9027 - Date : 2022 4 3
- Float : 7900906 - Cycle : 49 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9027 - Date : 2022 4 13
- Float : 7900923 - Cycle : 40 - PI : Steve Rintoul - Data mode : A - Platform type : SOLO_D_MRV - WMO inst type : 874 - FLOAT SERIAL : 12050 - Date : 2021 12 25

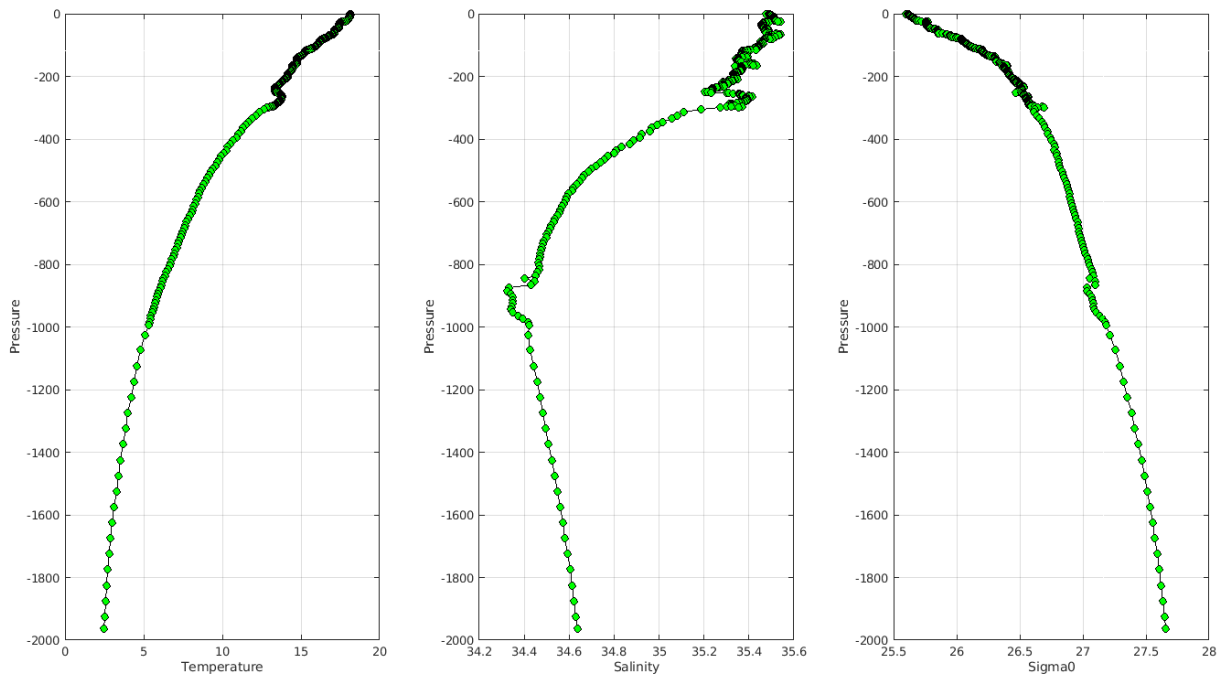
Files data mode='D'



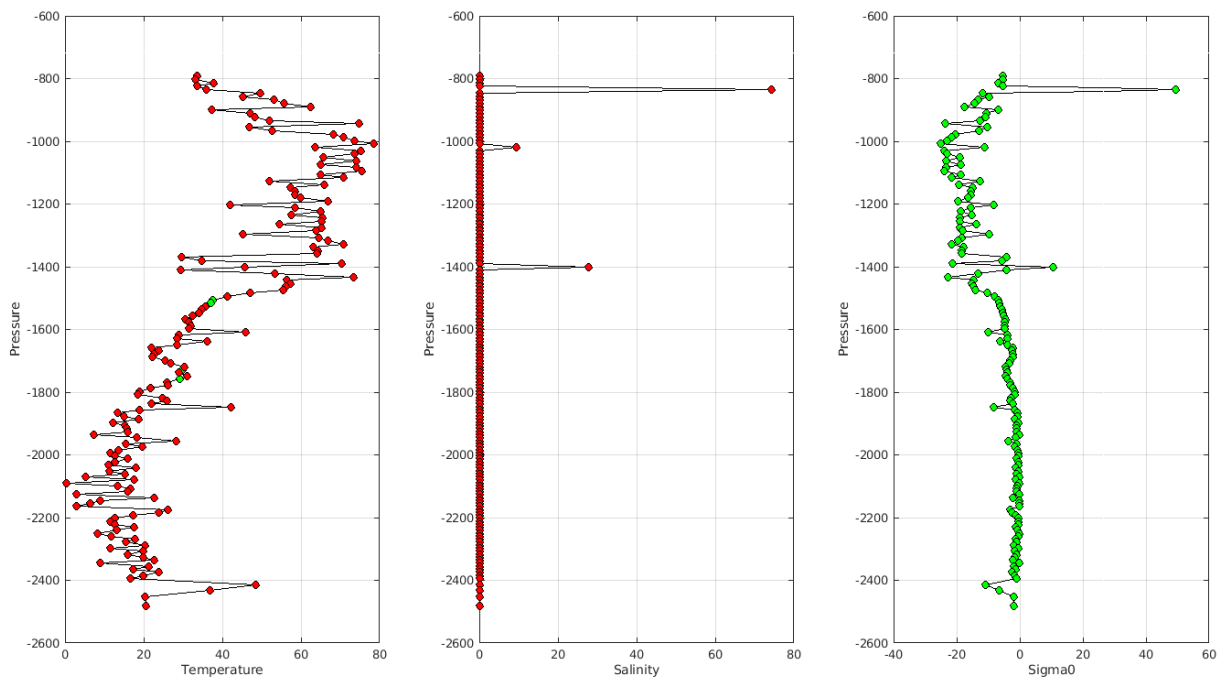
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/csiro/>

Example of anomalies:

Warning Objective Analysis Anomalies 2022 April TEMP PSAL : DAC CS- Float 5906635 - 37



Warning Objective Analysis Anomalies 2022 April TEMP PSAL : DAC CS- Float 7900923 - 40

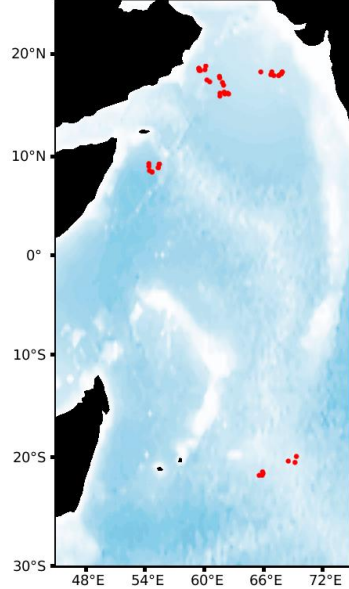


5.5. DAC INCOIS

Profiles detected by the objective analysis: 37 profiles (9 floats but floats can have several cycles with anomalies)

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

Warning Objective Analysis Anomalies 2022 April - IN

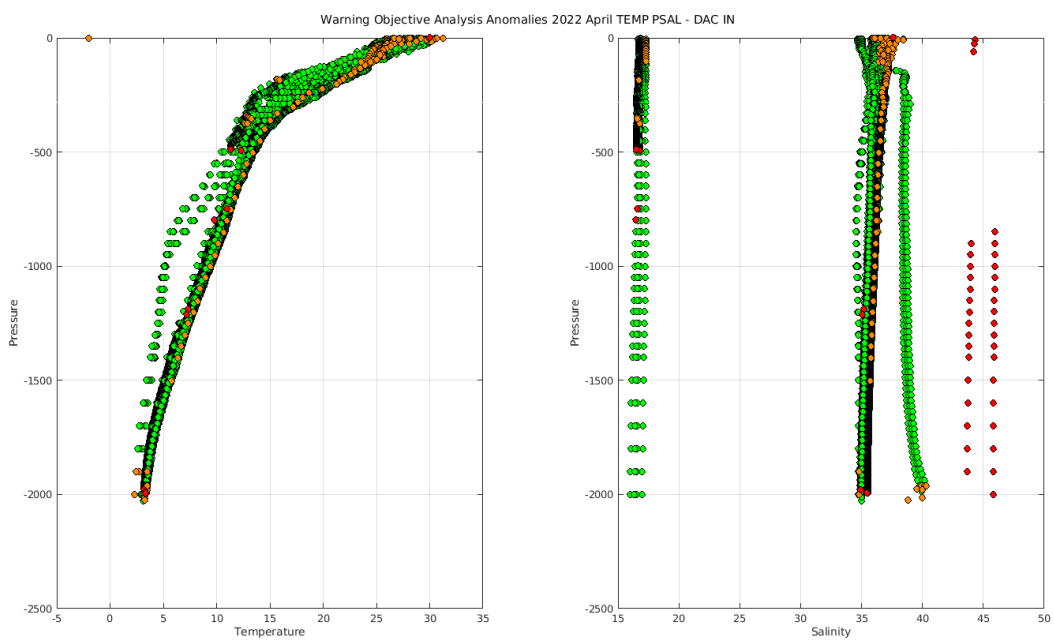


Status of corrections: Corrections done or in progress, some feedbacks

Files data_mode='R'/'A'

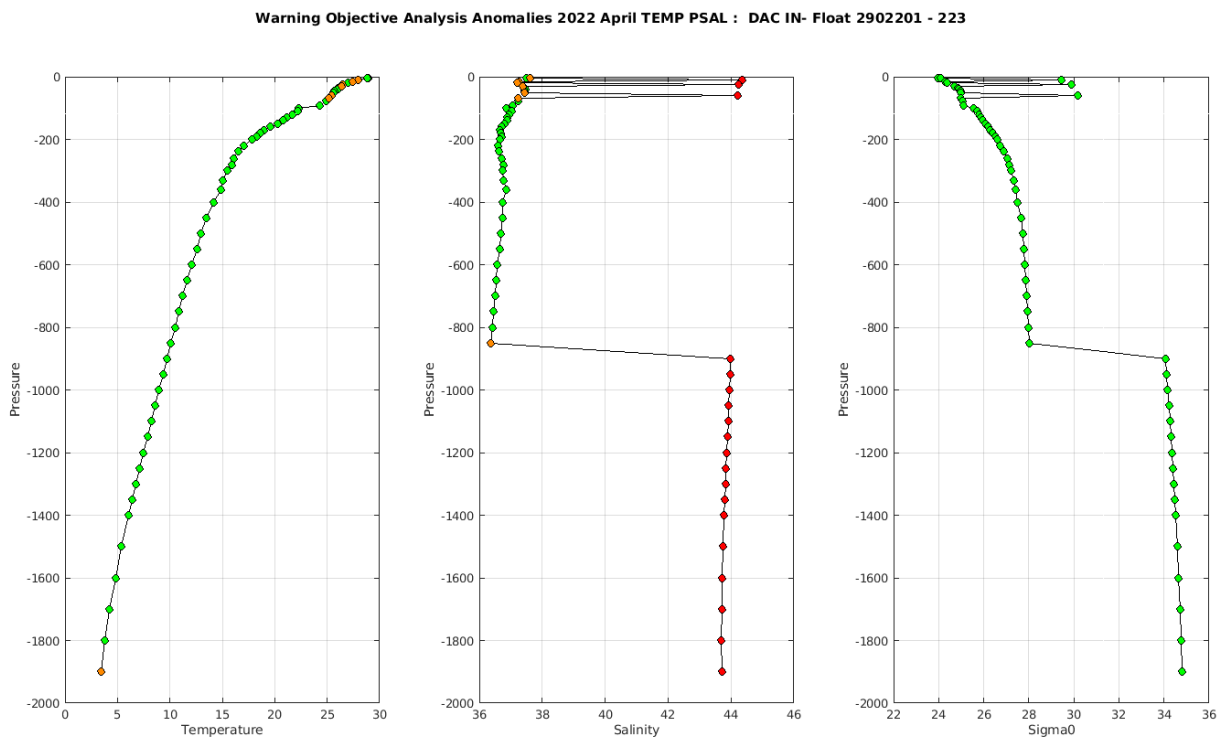
Float : 2902184 - Cycle : 236 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2022	3	30
Float : 2902184 - Cycle : 237 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2022	4	9
Float : 2902184 - Cycle : 238 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2022	4	19
Float : 2902185 - Cycle : 235 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2022	3	24
Float : 2902185 - Cycle : 236 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2022	4	3
Float : 2902185 - Cycle : 237 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2022	4	13
Float : 2902185 - Cycle : 238 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2022	4	23
Float : 2902201 - Cycle : 223 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2022	4	5
Float : 2902201 - Cycle : 224 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2022	4	15
Float : 2902209 - Cycle : 203 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022	3	4
Float : 2902209 - Cycle : 204 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022	3	13
Float : 2902209 - Cycle : 205 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022	3	23
Float : 2902209 - Cycle : 206 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022	4	2
Float : 2902209 - Cycle : 207 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022	4	12
Float : 2902209 - Cycle : 208 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022	4	22
Float : 2902210 - Cycle : 249 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7828 - Date : 2022	3	3
Float : 2902210 - Cycle : 250 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7828 - Date : 2022	3	13
Float : 2902210 - Cycle : 251 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7828 - Date : 2022	3	23
Float : 2902210 - Cycle : 252 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7828 - Date : 2022	4	2
Float : 2902210 - Cycle : 253 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7828 - Date : 2022	4	12
Float : 2902210 - Cycle : 254 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7828 - Date : 2022	4	22
Float : 2902211 - Cycle : 236 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022	3	3
Float : 2902211 - Cycle : 237 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022	3	13
Float : 2902211 - Cycle : 238 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022	3	23
Float : 2902211 - Cycle : 239 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022	4	2
Float : 2902211 - Cycle : 241 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022	4	22
Float : 2902267 - Cycle : 116 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2022	3	26
Float : 2902267 - Cycle : 117 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2022	4	5
Float : 2902267 - Cycle : 118 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2022	4	15
Float : 2902267 - Cycle : 119 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2022	4	25
Float : 2902268 - Cycle : 114 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2022	3	7
Float : 2902268 - Cycle : 115 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2022	3	17
Float : 2902268 - Cycle : 116 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2022	3	27
Float : 2902268 - Cycle : 117 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2022	4	6
Float : 2902268 - Cycle : 118 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2022	4	16

Files data mode='D'

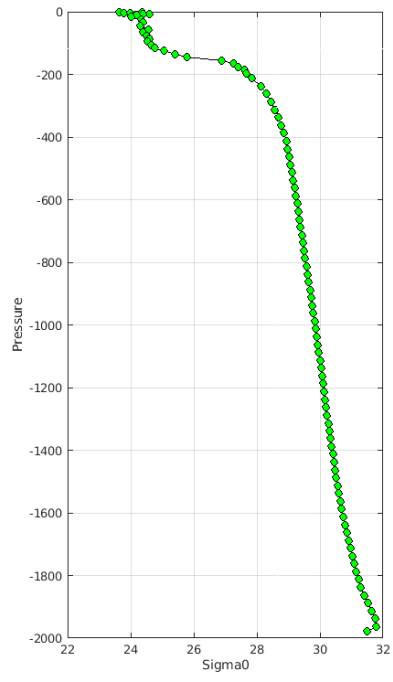
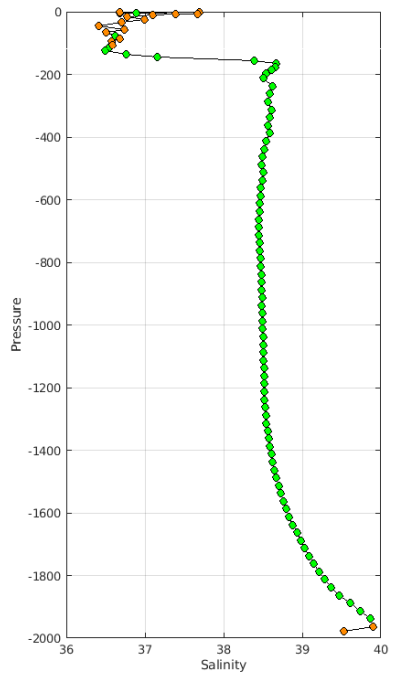
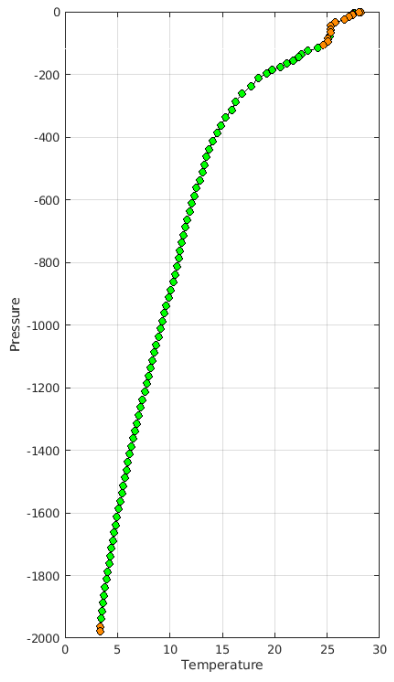


The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/incois/>

Example of anomalies:



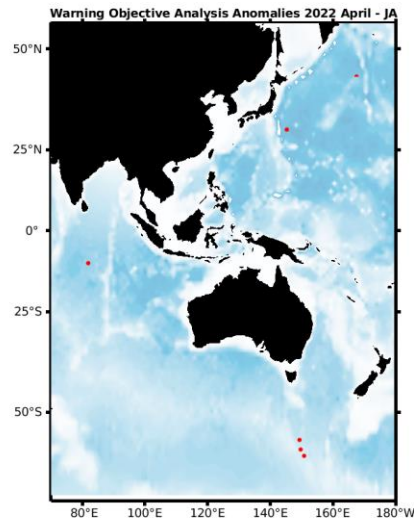
Warning Objective Analysis Anomalies 2022 April TEMP PSAL : DAC IN- Float 2902267 - 116



5.6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 6 profiles (4 floats but floats can have several cycles with anomalies)

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

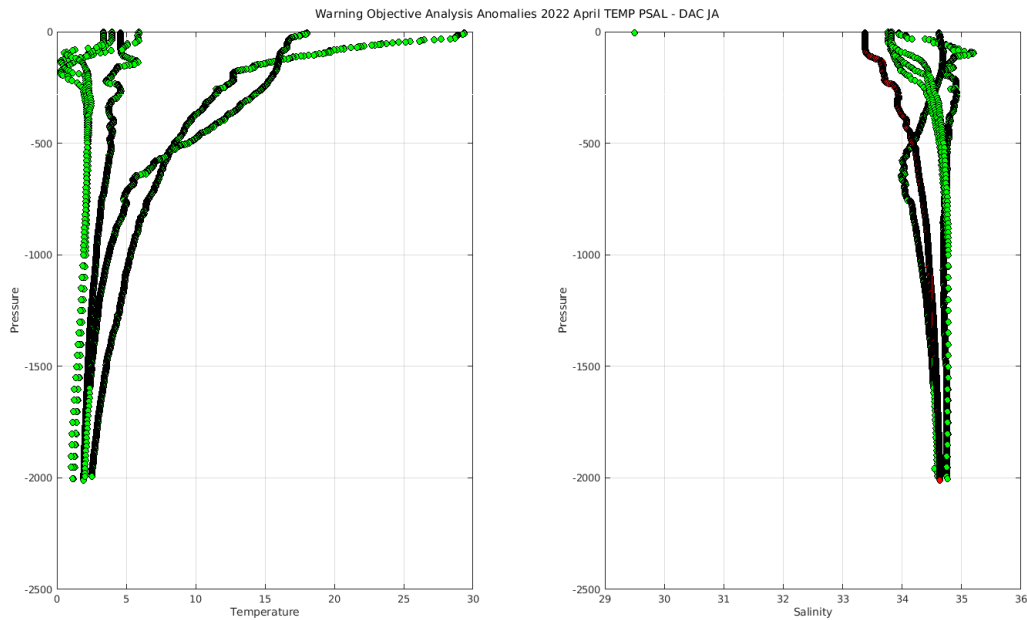


Status of corrections: Correction in progress, feedbacks each month

Files data_mode='R'/'A'

Float : 2903391 - Cycle : 106 - PI : JAMSTEC - Data mode : A - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 44 - Date : 2022 4 9
 Float : 2903403 - Cycle : 106 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8526 - Date : 2022 4 6
 Float : 2903613 - Cycle : 119 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9008 - Date : 2022 4 12
 Float : 5905215 - Cycle : 156 - PI : JAMSTEC - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : OIN-13JAP-ARL-50 - Date : 2022 3 19
 Float : 5905215 - Cycle : 157 - PI : JAMSTEC - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : OIN-13JAP-ARL-50 - Date : 2022 3 29
 Float : 5905215 - Cycle : 158 - PI : JAMSTEC - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : OIN-13JAP-ARL-50 - Date : 2022 4 8

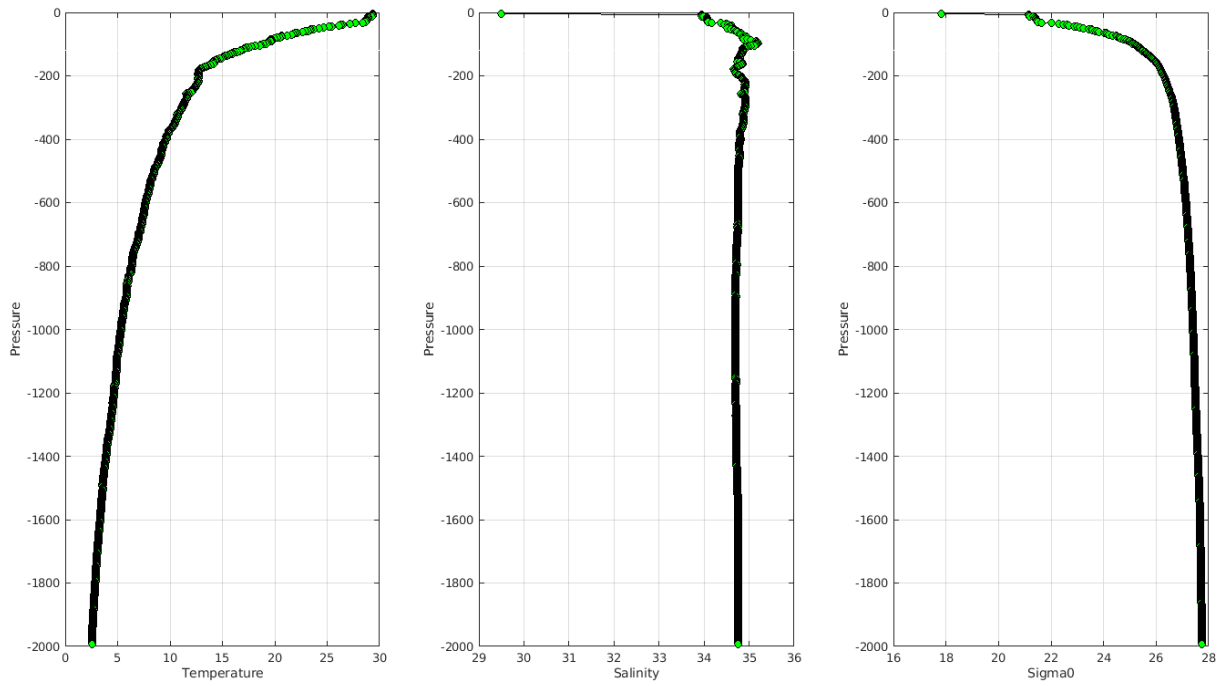
Files data_mode='D'



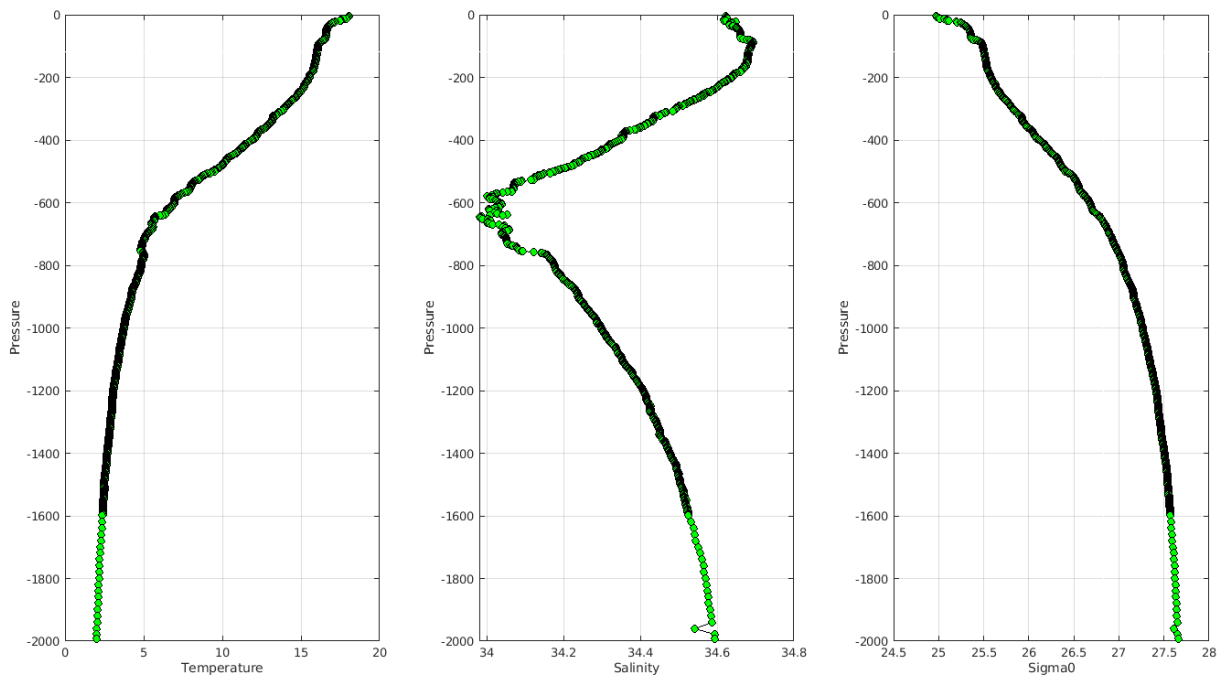
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/jma/>

Example of anomalies:

Warning Objective Analysis Anomalies 2022 April TEMP PSAL : DAC JA- Float 2903391 - 106



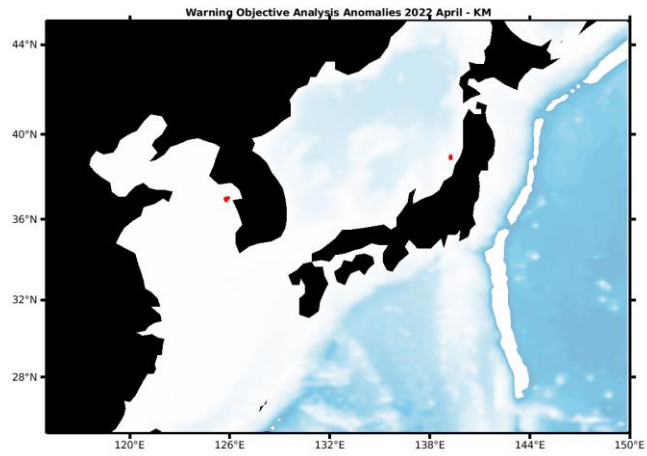
Warning Objective Analysis Anomalies 2022 April TEMP PSAL : DAC JA- Float 2903613 - 119



5.7. DAC KMA

Profiles detected by the objective analysis: 7 profiles (2 floats – float can have several cycles with anomalies)

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

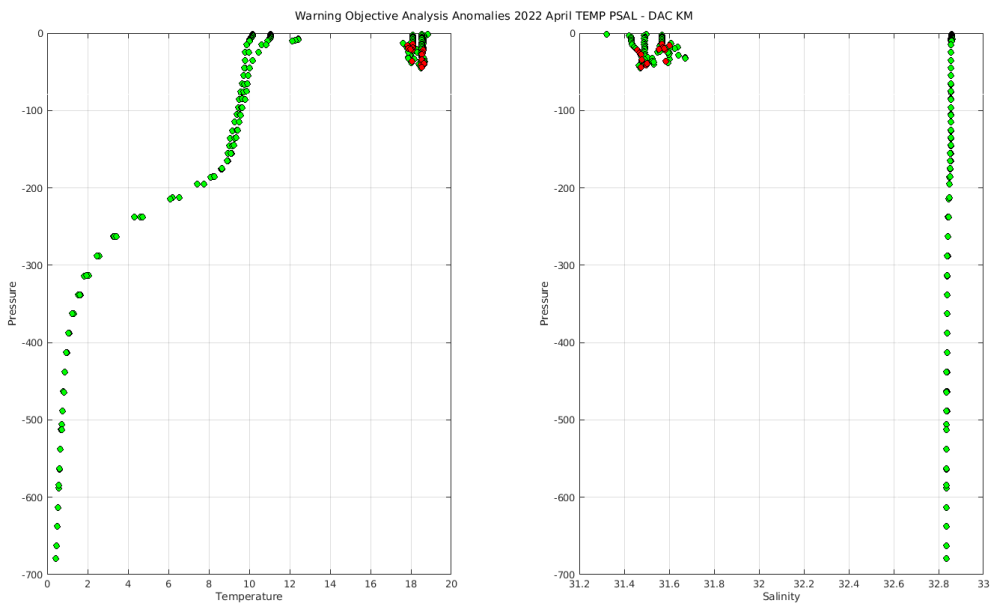


Status of corrections: No feedback.

Files data_mode='R'/'A'

- Float : 2901792 - Cycle : 127 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 4 9
- Float : 2901792 - Cycle : 128 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 4 16
- Float : 2901792 - Cycle : 129 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 4 23
- Float : 2901799 - Cycle : 169 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2021 10 30
- Float : 2901799 - Cycle : 170 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2021 11 1
- Float : 2901799 - Cycle : 172 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2021 11 5
- Float : 2901799 - Cycle : 173 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2021 11 8

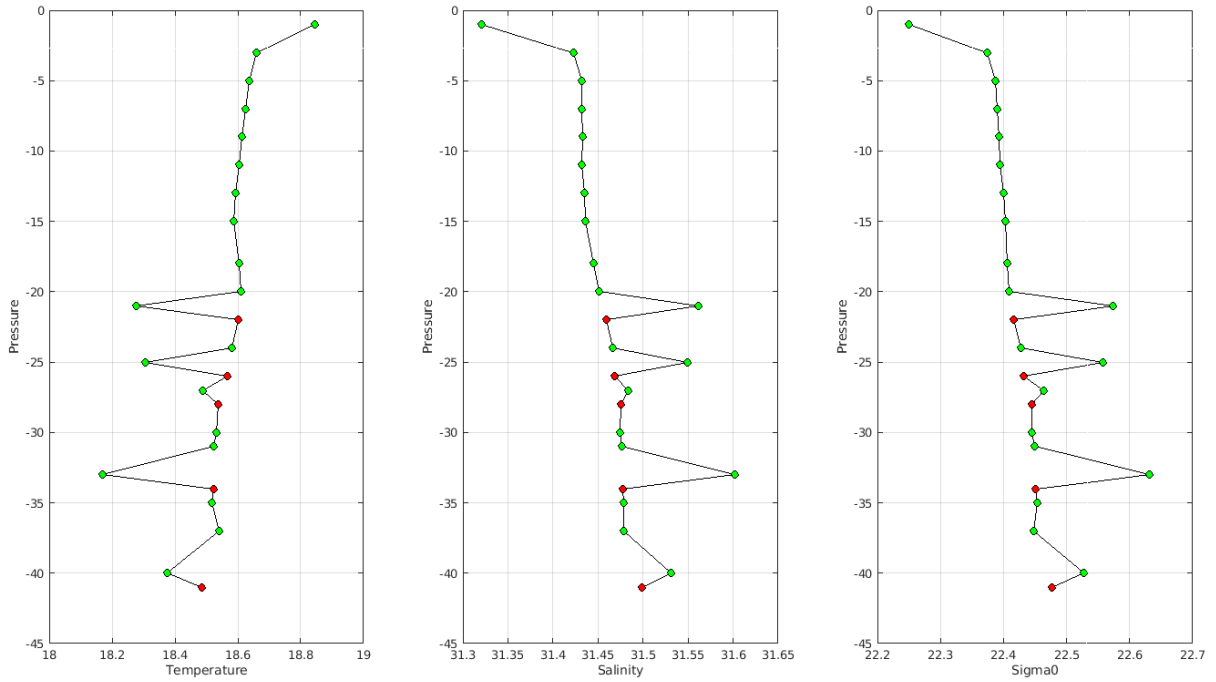
Files data_mode='D'



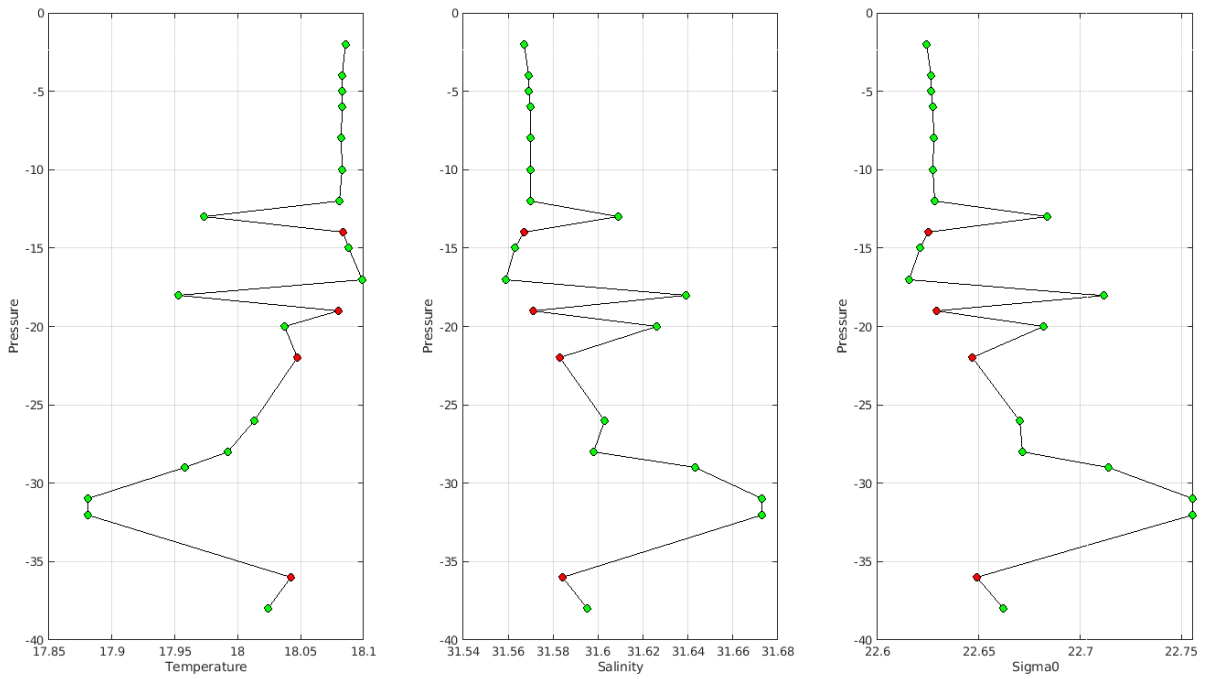
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/kma/>

Example of anomalies:

Warning Objective Analysis Anomalies 2022 April TEMP PSAL : DAC KM- Float 2901799 - 169



Warning Objective Analysis Anomalies 2022 April TEMP PSAL : DAC KM- Float 2901799 - 172



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

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

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

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

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

PSAL =

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

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

5.8. DAC KORDI/KIOST

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

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

Status of corrections: No feedback.

Files data_mode='R' /'A'

Files data_mode='D'

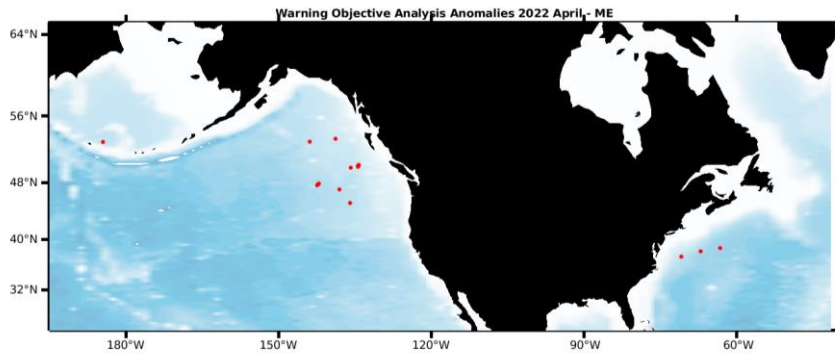
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/kordi/>

Example of anomalies:

5.9. DAC MEDS

Profiles detected by the objective analysis: 16 profiles (8 floats but floats can have several cycles with anomalies)

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

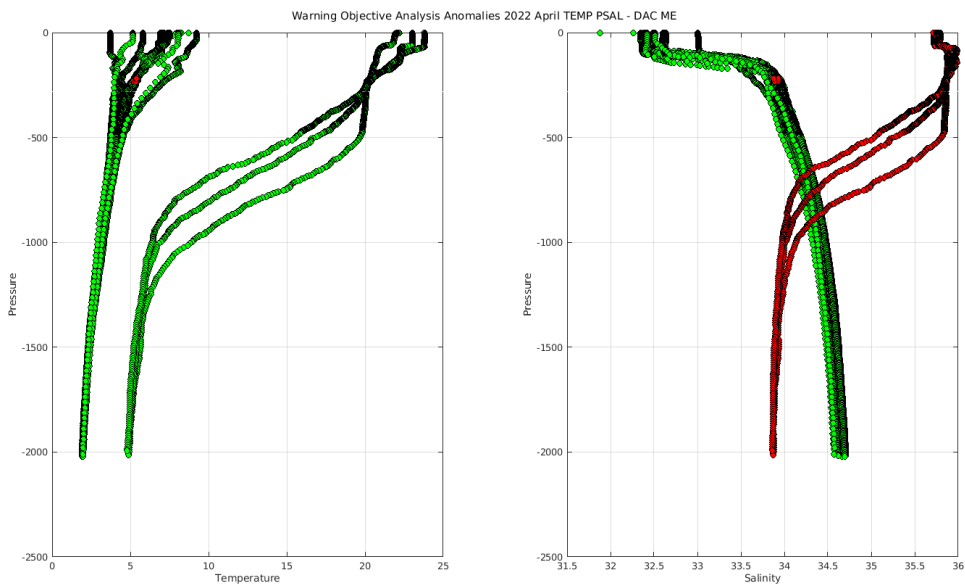


Status of corrections: In progress.

Files data_mode='R'/'A'

Float : 4902403 - Cycle : 189 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 439 - Date : 2022 4 21
 Float : 4902443 - Cycle : 81 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA06 - Date : 2021 4 22
 Float : 4902443 - Cycle : 114 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA06 - Date : 2022 3 24
 Float : 4902443 - Cycle : 115 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA06 - Date : 2022 4 3
 Float : 4902443 - Cycle : 116 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA06 - Date : 2022 4 13
 Float : 4902443 - Cycle : 117 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA06 - Date : 2022 4 23
 Float : 4902444 - Cycle : 116 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA07 - Date : 2022 4 10
 Float : 4902459 - Cycle : 138 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 595 - Date : 2022 4 22
 Float : 4902462 - Cycle : 115 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2022 4 7
 Float : 4902462 - Cycle : 116 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2022 4 17
 Float : 4902462 - Cycle : 117 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2022 4 27
 Float : 4902470 - Cycle : 108 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2022 4 3
 Float : 4902470 - Cycle : 109 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2022 4 13
 Float : 4902470 - Cycle : 110 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2022 4 23
 Float : 4902583 - Cycle : 1 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 263221CA24 - Date : 2022 2 26
 Float : 4902585 - Cycle : 1 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 263221CA26 - Date : 2022 3 18

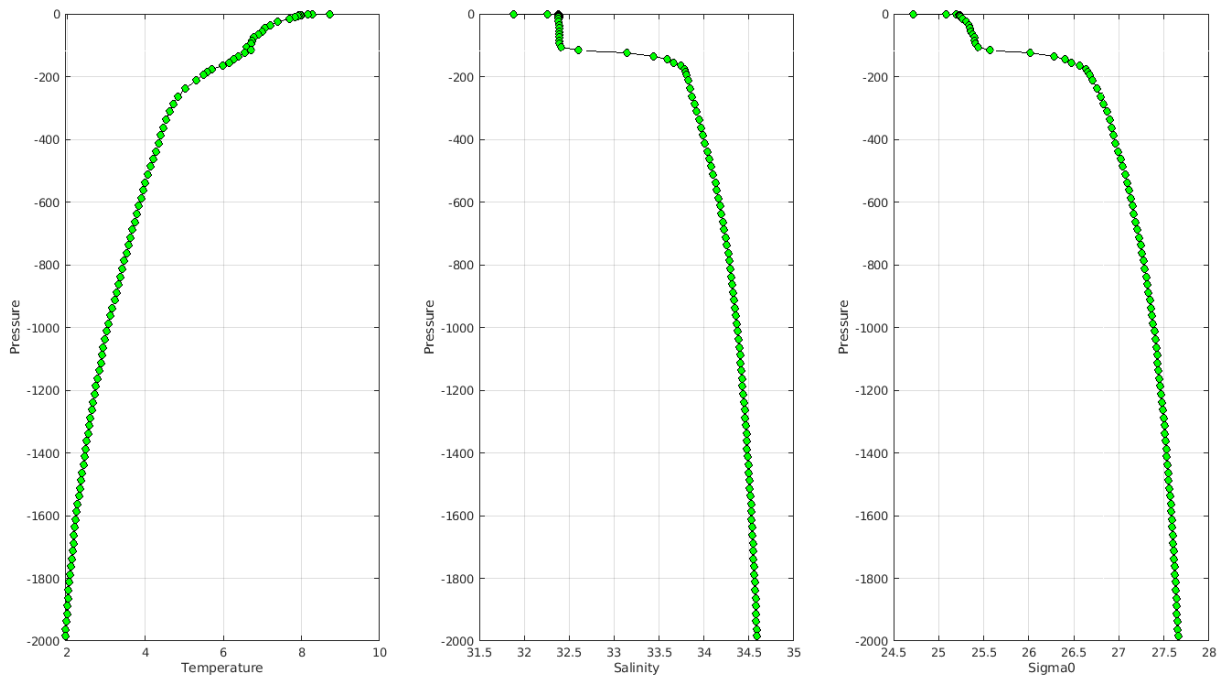
Files data_mode='D'



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

Example of anomalies:

Warning Objective Analysis Anomalies 2022 April TEMP PSAL : DAC ME- Float 4902443 - 81



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

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

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


6. Synthetic profiles

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

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

7. Instrument_code error

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

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

WMO_INST_TYPE =

"872 ",
"872 " ;

VERTICAL_SAMPLING_SCHEME =

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

AO	3901261	PF	854	326
AO	3901261	PF	872	400

AO	3901262	PF	854	434
AO	3901262	PF	872	294

AO	3901263	PF	854	432
AO	3901263	PF	872	294

AO	3901264	PF	854	440
AO	3901264	PF	872	295

AO	3901266	PF	854	324
AO	3901266	PF	872	400

AO	41534	TE	845	11
AO	41534	TE	999	85

AO	5905759	PF	851	70
AO	5905759	PF	862	74

AO	5905760	PF	851	68
AO	5905760	PF	862	68

BO	1901894	PF	863	94
BO	1901894	PF	869	13

BO	1901896	PF	863	93
BO	1901896	PF	869	14

BO	2901896	PF	863	224
BO	2901896	PF	869	14
BO	2901897	PF	863	224
BO	2901897	PF	869	18

BO	2901898	PF	863	221
BO	2901898	PF	869	14

BO	6901162	PF	846	1
BO	6901162	PF	863	62

BO	6901163	PF	846	1
BO	6901163	PF	863	187

CS	1901740	PF	863	3
CS	1901740	PF	869	75

CS	1901741	PF	863	3
CS	1901741	PF	869	74

CS	1901742	PF	863	2
CS	1901742	PF	869	34
CS	5905428	PF	863	8
CS	5905428	PF	869	74

CS	5905429	PF	863	7
CS	5905429	PF	869	75

CS	7900632	PF	863	3
CS	7900632	PF	869	75

CS	7900633	PF	863	2
CS	7900633	PF	869	75

CS	7900634	PF	863	2
CS	7900634	PF	869	75

HZ	2900313	PF	840	5
HZ	2900313	PF	841	3

HZ	2902695	PF	870	1
HZ	2902695	PF	871	69

HZ	2902698	PF	870	2
HZ	2902698	PF	871	58

HZ	5900228	PF	840	3
HZ	5900228	PF	841	1

IN	2902154	PF	841	1
IN	2902154	PF	846	150

JA	2903635	PF	844	40
JA	2903635	PF	846	1

ME	4901189	PF	846	16
ME	4901189	PF	865	5

8. File anomalies (GDAC – Real time)

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

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

8.1. AOML

GDAC (missing nc files)

For some floats :

- tech.nc and/or traj.nc are missing (meta.nc and prof.nc files existing)
- multiprof.nc is missing (no profiles but tech, traj, meta exist)
- only meta file (no 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 : 8141

1900167 - Existing NetCDF files

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

1900168 - Existing NetCDF files

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

1900189 - Existing NetCDF files

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

1900244 - Existing NetCDF files

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

1900245 - Existing NetCDF files

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

1900255 - Existing NetCDF files

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

1900257 - Existing NetCDF files

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

1900748 - Existing NetCDF files

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

1900831 - Existing NetCDF files

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

1901658 - Existing NetCDF files

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

2901106 - Existing NetCDF files

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

3900148 - Existing NetCDF files

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

3900160 - Existing NetCDF files

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

41534 - Existing NetCDF files

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

4900228 - Existing NetCDF files

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

4900229 - Existing NetCDF files

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

4900230 - Existing NetCDF files

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

4900268 - Existing NetCDF files

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

4900269 - Existing NetCDF files

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

4900270 - Existing NetCDF files

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

4900271 - Existing NetCDF files

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

4900272 - Existing NetCDF files

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

4900273 - Existing NetCDF files

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

4900287 - Existing NetCDF files

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

4900358 - Existing NetCDF files

File : 4900358_meta.nc - 4900358_prof.nc -

4900361 - Existing NetCDF files

File : 4900361_meta.nc - 4900361_prof.nc -

4900366 - Existing NetCDF files

File : 4900366_meta.nc - 4900366_prof.nc -

4900367 - Existing NetCDF files

File : 4900367_meta.nc - 4900367_prof.nc -

4900382 - Existing NetCDF files

File : 4900382_meta.nc - 4900382_prof.nc -

4900383 - Existing NetCDF files

File : 4900383_meta.nc - 4900383_prof.nc -

4900385 - Existing NetCDF files

File : 4900385_meta.nc - 4900385_prof.nc -

4900426 - Existing NetCDF files

File : 4900426_meta.nc - 4900426_prof.nc -

4900427 - Existing NetCDF files

File : 4900427_meta.nc - 4900427_prof.nc -

4900428 - Existing NetCDF files

File : 4900428_meta.nc - 4900428_prof.nc -

4900583 - Existing NetCDF files

File : 4900583_Rtraj.nc - 4900583_meta.nc - 4900583_tech.nc -

4901485 - Existing NetCDF files

File : 4901485_Rtraj.nc - 4901485_meta.nc - 4901485_tech.nc -

4901537 - Existing NetCDF files

File : 4901537_Rtraj.nc - 4901537_meta.nc - 4901537_tech.nc

4901560 - Existing NetCDF files

File : 4901560_Rtraj.nc - 4901560_meta.nc - 4901560_tech.nc

4901575 - Existing NetCDF files

File : 4901575_Rtraj.nc - 4901575_meta.nc - 4901575_tech.nc -

4901577 - Existing NetCDF files

File : 4901577_Rtraj.nc - 4901577_meta.nc - 4901577_tech.nc

4903243 - Existing NetCDF files

File : 4903243_meta.nc - 4903243_prof.nc - 4903243_tech.nc -

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

8.2. BODC

GDAC (missing nc files)

For some floats :

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

MAINLY TRAJECTORY FILE MISSING

See below the list of floats with existing nc files :

DAC name : bodc – Number of floats : 808

1901312 - Existing NetCDF files

1901888 - Existing NetCDF files
File : 1901888_meta.nc - 1901888_prof.nc - 1901888_tech.nc -

1901889 - Existing NetCDF files
File : 1901889_meta.nc - 1901889_prof.nc - 1901889_tech.nc -

1901890 - Existing NetCDF files
File : 1901890_meta.nc - 1901890_prof.nc - 1901890_tech.nc -

1901892 - Existing NetCDF files
File : 1901892_meta.nc - 1901892_prof.nc - 1901892_tech.nc -

1901893 - Existing NetCDF files
File : 1901893_meta.nc - 1901893_prof.nc - 1901893_tech.nc -

1901894 - Existing NetCDF files
File : 1901894_meta.nc - 1901894_prof.nc - 1901894_tech.nc -

1901895 - Existing NetCDF files
File : 1901895_meta.nc - 1901895_prof.nc - 1901895_tech.nc -

1901896 - Existing NetCDF files
File : 1901896_meta.nc - 1901896_prof.nc - 1901896_tech.nc -

1901897 - Existing NetCDF files
File : 1901897_meta.nc - 1901897_prof.nc - 1901897_tech.nc -

1901898 - Existing NetCDF files
File : 1901898_meta.nc - 1901898_prof.nc - 1901898_tech.nc -

1901899 - Existing NetCDF files
File : 1901899_meta.nc - 1901899_prof.nc - 1901899_tech.nc -

1901900 - Existing NetCDF files
File : 1901900_meta.nc - 1901900_prof.nc - 1901900_tech.nc -

1901901 - Existing NetCDF files
File : 1901901_meta.nc - 1901901_prof.nc - 1901901_tech.nc -

1901902 - Existing NetCDF files
File : 1901902_meta.nc - 1901902_prof.nc - 1901902_tech.nc -

1901903 - Existing NetCDF files
File : 1901903_meta.nc - 1901903_prof.nc - 1901903_tech.nc -

1901904 - Existing NetCDF files
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1901906 - Existing NetCDF files
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1901907 - Existing NetCDF files
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1901909 - Existing NetCDF files
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1901910 - Existing NetCDF files
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1901911 - Existing NetCDF files
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1901912 - Existing NetCDF files
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1901914 - Existing NetCDF files
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1901915 - Existing NetCDF files
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1901916 - Existing NetCDF files
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1901917 - Existing NetCDF files
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1901920 - Existing NetCDF files
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1901921 - Existing NetCDF files
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1901922 - Existing NetCDF files
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1901923 - Existing NetCDF files
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1901924 - Existing NetCDF files
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1901925 - Existing NetCDF files
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1901926 - Existing NetCDF files
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1901927 - Existing NetCDF files
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1901928 - Existing NetCDF files
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1901931 - Existing NetCDF files
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1901932 - Existing NetCDF files
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1901933 - Existing NetCDF files
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1902079 - Existing NetCDF files
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1902080 - Existing NetCDF files
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2901891 - Existing NetCDF files
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2901892 - Existing NetCDF files
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2901893 - Existing NetCDF files
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2901894 - Existing NetCDF files
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2901895 - Existing NetCDF files
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2901896 - Existing NetCDF files
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2901897 - Existing NetCDF files
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2901898 - Existing NetCDF files
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2901899 - Existing NetCDF files
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2901900 - Existing NetCDF files
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2901902 - Existing NetCDF files
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2901903 - Existing NetCDF files
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2901904 - Existing NetCDF files
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2901905 - Existing NetCDF files
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3900538 - Existing NetCDF files
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3900559 - Existing NetCDF files
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3900560 - Existing NetCDF files
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3901488 - Existing NetCDF files
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3901489 - Existing NetCDF files
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3901490 - Existing NetCDF files
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3901491 - Existing NetCDF files
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3901492 - Existing NetCDF files
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3901493 - Existing NetCDF files
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3901494 - Existing NetCDF files
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3901495 - Existing NetCDF files
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3901499 - Existing NetCDF files
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3901500 - Existing NetCDF files
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3901501 - Existing NetCDF files
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3901502 - Existing NetCDF files
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3901503 - Existing NetCDF files
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3901504 - Existing NetCDF files
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3901505 - Existing NetCDF files
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3901506 - Existing NetCDF files
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3901507 - Existing NetCDF files
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3901508 - Existing NetCDF files
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3901509 - Existing NetCDF files
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3901510 - Existing NetCDF files
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3901511 - Existing NetCDF files
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3901512 - Existing NetCDF files
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3901513 - Existing NetCDF files
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3901514 - Existing NetCDF files
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3901515 - Existing NetCDF files
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3901516 - Existing NetCDF files
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3901517 - Existing NetCDF files
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3901519 - Existing NetCDF files
File : 3901519_meta.nc - 3901519_prof.nc - 3901519_tech.nc -

3901520 - Existing NetCDF files
File : 3901520_meta.nc - 3901520_prof.nc - 3901520_tech.nc -

3901521 - Existing NetCDF files

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
File : 3902403_meta.nc - 3902403_prof.nc - 3902403_tech.nc -

49065 - Existing NetCDF files
File : 49065_meta.nc - 49065_prof.nc - 49065_tech.nc -

6901153 - Existing NetCDF files
File : 6901153_meta.nc - 6901153_prof.nc - 6901153_tech.nc -

6901155 - Existing NetCDF files
File : 6901155_meta.nc - 6901155_prof.nc - 6901155_tech.nc -

6901156 - Existing NetCDF files
File : 6901156_meta.nc - 6901156_prof.nc - 6901156_tech.nc -

6901157 - Existing NetCDF files
File : 6901157_meta.nc - 6901157_prof.nc - 6901157_tech.nc -

6901158 - Existing NetCDF files
File : 6901158_meta.nc - 6901158_prof.nc - 6901158_tech.nc -

6901159 - Existing NetCDF files
File : 6901159_meta.nc - 6901159_prof.nc - 6901159_tech.nc -

6901160 - Existing NetCDF files
File : 6901160_meta.nc - 6901160_prof.nc - 6901160_tech.nc -

6901161 - Existing NetCDF files
File : 6901161_meta.nc - 6901161_prof.nc - 6901161_tech.nc -

6901162 - Existing NetCDF files
File : 6901162_meta.nc - 6901162_prof.nc - 6901162_tech.nc -

6901163 - Existing NetCDF files
File : 6901163_meta.nc - 6901163_prof.nc - 6901163_tech.nc -

6901164 - Existing NetCDF files
File : 6901164_meta.nc - 6901164_prof.nc - 6901164_tech.nc -

6901165 - Existing NetCDF files
File : 6901165_meta.nc - 6901165_prof.nc - 6901165_tech.nc -

6901166 - Existing NetCDF files
File : 6901166_meta.nc - 6901166_prof.nc - 6901166_tech.nc -

6901167 - Existing NetCDF files
File : 6901167_meta.nc - 6901167_prof.nc - 6901167_tech.nc -

6901168 - Existing NetCDF files
File : 6901168_meta.nc - 6901168_prof.nc - 6901168_tech.nc -

6901169 - Existing NetCDF files
File : 6901169_meta.nc - 6901169_prof.nc - 6901169_tech.nc -

6901170 - Existing NetCDF files
File : 6901170_meta.nc - 6901170_prof.nc - 6901170_tech.nc -

6901171 - Existing NetCDF files

File : 6901171_meta.nc - 6901171_prof.nc - 6901171_tech.nc -

6901172 - Existing NetCDF files
File : 6901172_meta.nc - 6901172_prof.nc - 6901172_tech.nc -

6901173 - Existing NetCDF files
File : 6901173_meta.nc - 6901173_prof.nc - 6901173_tech.nc -

6901176 - Existing NetCDF files
File : 6901176_meta.nc - 6901176_prof.nc - 6901176_tech.nc -

6901177 - Existing NetCDF files
File : 6901177_meta.nc - 6901177_prof.nc - 6901177_tech.nc -

6901178 - Existing NetCDF files
File : 6901178_meta.nc - 6901178_prof.nc - 6901178_tech.nc -

6901179 - Existing NetCDF files
File : 6901179_meta.nc - 6901179_prof.nc - 6901179_tech.nc -

6901184 - Existing NetCDF files
File : 6901184_meta.nc - 6901184_prof.nc - 6901184_tech.nc -

6901185 - Existing NetCDF files
File : 6901185_meta.nc - 6901185_prof.nc - 6901185_tech.nc -

6901188 - Existing NetCDF files
File : 6901188_meta.nc - 6901188_prof.nc - 6901188_tech.nc -

6901189 - Existing NetCDF files
File : 6901189_meta.nc - 6901189_prof.nc - 6901189_tech.nc -

6901190 - Existing NetCDF files
File : 6901190_meta.nc - 6901190_prof.nc - 6901190_tech.nc -

6901191 - Existing NetCDF files
File : 6901191_meta.nc - 6901191_prof.nc - 6901191_tech.nc -

6901192 - Existing NetCDF files
File : 6901192_meta.nc - 6901192_prof.nc - 6901192_tech.nc -

6901193 - Existing NetCDF files
File : 6901193_meta.nc - 6901193_prof.nc - 6901193_tech.nc -

6901194 - Existing NetCDF files
File : 6901194_meta.nc - 6901194_prof.nc - 6901194_tech.nc -

6901195 - Existing NetCDF files
File : 6901195_meta.nc - 6901195_prof.nc - 6901195_tech.nc -

6901197 - Existing NetCDF files
File : 6901197_meta.nc - 6901197_prof.nc - 6901197_tech.nc -

6901198 - Existing NetCDF files
File : 6901198_meta.nc - 6901198_prof.nc - 6901198_tech.nc -

6901199 - Existing NetCDF files
File : 6901199_meta.nc - 6901199_prof.nc - 6901199_tech.nc -

6901200 - Existing NetCDF files
File : 6901200_meta.nc - 6901200_prof.nc - 6901200_tech.nc -

6901201 - Existing NetCDF files
File : 6901201_meta.nc - 6901201_prof.nc - 6901201_tech.nc -

6901202 - Existing NetCDF files
File : 6901202_meta.nc - 6901202_prof.nc - 6901202_tech.nc -

6901205 - Existing NetCDF files
File : 6901205_meta.nc - 6901205_prof.nc - 6901205_tech.nc -

6901207 - Existing NetCDF files
File : 6901207_meta.nc - 6901207_prof.nc - 6901207_tech.nc -

6901208 - Existing NetCDF files
File : 6901208_meta.nc - 6901208_prof.nc - 6901208_tech.nc -

6901211 - Existing NetCDF files
File : 6901211_meta.nc - 6901211_prof.nc - 6901211_tech.nc -

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 -

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 -

6904181 - Existing NetCDF files
File : 6904181_meta.nc - 6904181_prof.nc - 6904181_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 : 3398

1900380 - Existing NetCDF files

File : 1900380_Rtraj.nc - 1900380_meta.nc - 1900380_tech.nc -

1901216 - Existing NetCDF files

File : 1901216_Rtraj.nc - 1901216_meta.nc - 1901216_tech.nc -

5903129 - Existing NetCDF files

File : 5903129_Rtraj.nc - 5903129_meta.nc - 5903129_tech.nc -

6900215 - Existing NetCDF files

File : 6900215_meta.nc - 6900215_prof.nc - 6900215_tech.nc -

6900217 - Existing NetCDF files

File : 6900217_meta.nc - 6900217_prof.nc - 6900217_tech.nc -

6900940 - Existing NetCDF files

File : 6900940_Rtraj.nc - 6900940_meta.nc - 6900940_tech.nc -

6901000 - Existing NetCDF files

File : 6901000_Rtraj.nc - 6901000_meta.nc - 6901000_tech.nc

6901438 - Existing NetCDF files

File : 6901438_Rtraj.nc - 6901438_meta.nc -

6901469 - Existing NetCDF files

File : 6901469_Rtraj.nc - 6901469_meta.nc -

6901551 - Existing NetCDF files

File : 6901551_Rtraj.nc - 6901551_meta.nc - 6901551_tech.nc -

6901594 - Existing NetCDF files

File : 6901594_Rtraj.nc - 6901594_meta.nc - 6901594_tech.nc -

6901615 - Existing NetCDF files

File : 6901615_Rtraj.nc - 6901615_meta.nc - 6901615_tech.nc -

6901820 - Existing NetCDF files

File : 6901820_Rtraj.nc - 6901820_meta.nc -

6901844 - Existing NetCDF files

File : 6901844_Rtraj.nc - 6901844_meta.nc -

6901854 - Existing NetCDF files

File : 6901854_Rtraj.nc - 6901854_meta.nc - 6901854_tech.nc -

6901871 - Existing NetCDF files

File : 6901871_Rtraj.nc - 6901871_meta.nc -

6902583 - Existing NetCDF files

File : 6902583_Rtraj.nc - 6902583_meta.nc -

6902685 - Existing NetCDF files

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

6902741 - Existing NetCDF files

File : 6902741_Rtraj.nc - 6902741_meta.nc - 6902741_tech.nc -

6903181 - Existing NetCDF files

File : 6903181_Rtraj.nc - 6903181_meta.nc -

6903185 - Existing NetCDF files

File : 6903185_Rtraj.nc - 6903185_meta.nc -

6903193 - Existing NetCDF files

File : 6903193_Rtraj.nc - 6903193_meta.nc -

6903226 - Existing NetCDF files

File : 6903226_Rtraj.nc - 6903226_meta.nc

6903807 - Existing NetCDF files

File : 6903807_Rtraj.nc6903807_meta.nc

6903811 - Existing NetCDF files

File : 6903811_Rtraj.nc6903811_meta.nc

6904127 - Existing NetCDF files

File : 6904127_Rtraj.nc6904127_meta.nc6904127_tech.nc

7900349 - Existing NetCDF files

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

8.4. CSIO

GDAC (missing nc files)

For some floats :

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

See below the list of floats with existing nc files :

DAC name : csio – Number of floats : 521

8.5. CSIRO

GDAC (missing nc files)

For some floats :

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

See below the list of floats with existing nc files :

DAC name : csiro – Number of floats : 1076

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 -

5906658 - Existing NetCDF files

File : 5906658_Rtraj.nc - 5906658_meta.nc - 5906658_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 : 491

2900268 - Existing NetCDF files

File : 2900268_Rtraj.nc - 2900268_meta.nc - 2900268_prof.nc -

2900275 - Existing NetCDF files

File : 2900275_Rtraj.nc - 2900275_meta.nc - 2900275_prof.nc -

2900767 - Existing NetCDF files

File : 2900767_meta.nc - 2900767_prof.nc - 2900767_tech.nc -

2902126 - Existing NetCDF files

File : 2902126_Rtraj.nc - 2902126_meta.nc - 2902126_tech.nc -

2902229 - Existing NetCDF files

File : 2902229_meta.nc - 2902229_prof.nc - 2902229_tech.nc -

2902230 - Existing NetCDF files

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

2902231 - Existing NetCDF files

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
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2902281 - Existing NetCDF files
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2902282 - Existing NetCDF files
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2902283 - Existing NetCDF files
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2902284 - Existing NetCDF files
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2902285 - Existing NetCDF files
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2902286 - Existing NetCDF files
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2902287 - Existing NetCDF files
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2902288 - Existing NetCDF files
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2902289 - Existing NetCDF files
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2902290 - Existing NetCDF files
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2902291 - Existing NetCDF files
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2902292 - Existing NetCDF files
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2902293 - Existing NetCDF files
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2902300 - Existing NetCDF files
File : 2902300_meta.nc - 2902300_prof.nc - 2902300_tech.nc -

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

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

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

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

8.7. JMA

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

Checking of the status of each float.

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

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

-Others : 8 floats

need further investigation

For some floats :

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

See below the list of floats with existing nc files :

DAC name : jma – Number of floats : 1863

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
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2903009 - Existing NetCDF files
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2903010 - Existing NetCDF files
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2903011 - Existing NetCDF files
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2903012 - Existing NetCDF files
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2903013 - Existing NetCDF files
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2903014 - Existing NetCDF files
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2903165 - Existing NetCDF files
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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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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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2903612 - Existing NetCDF files
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2903632 - Existing NetCDF files
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2903649 - Existing NetCDF files
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2903669 - Existing NetCDF files
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2903670 - Existing NetCDF files
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2903672 - Existing NetCDF files
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3902388 - Existing NetCDF files
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3902389 - Existing NetCDF files
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3902390 - Existing NetCDF files
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3902393 - Existing NetCDF files
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3902394 - Existing NetCDF files
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4900293 - Existing NetCDF files
File : 4900293_Rtraj.nc - 4900293_meta.nc - 4900293_tech.nc -

4902378 - Existing NetCDF files
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4902380 - Existing NetCDF files
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4902981 - Existing NetCDF files
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4902992 - 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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5905224 - Existing NetCDF files
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5905225 - 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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5905860 - Existing NetCDF files
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5905862 - Existing NetCDF files
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5905875 - Existing NetCDF files
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5905876 - Existing NetCDF files
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5906389 - Existing NetCDF files
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5906390 - Existing NetCDF files
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7900024 - Existing NetCDF files
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7900025 - Existing NetCDF files
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7900599 - Existing NetCDF files
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7900600 - Existing NetCDF files
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7900601 - Existing NetCDF files
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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 -

7900881 - Existing NetCDF files

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

8.8. KMA

For some floats :

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

See below the list of floats with existing nc files :

DAC name : kma – Number of floats : 259

2901213 - Existing nc files

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

2901731 - Existing nc files

File : 2901731_meta.nc - 2901731_prof.nc

2901806 - Existing NetCDF files

File : 2901806_Rtraj.nc - 2901806_meta.nc - 2901806_prof.nc -

2901807 - Existing NetCDF files

File : 2901807_Rtraj.nc - 2901807_meta.nc - 2901807_prof.nc -

2901808 - Existing NetCDF files

File : 2901808_Rtraj.nc - 2901808_meta.nc - 2901808_prof.nc -

2901809 - Existing NetCDF files

File : 2901809_Rtraj.nc - 2901809_meta.nc - 2901809_prof.nc -

2901810 - Existing NetCDF files

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

2901811 - Existing NetCDF files

File : 2901811_Rtraj.nc - 2901811_meta.nc - 2901811_prof.nc -

8.9. KORDI/KIOST

For some floats :

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

See below the list of floats with existing nc files :

DAC name : kiost – Number of floats : 110

2901779 - Existing nc files

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

2901780 - Existing nc 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

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 : 630

4902530 - Existing NetCDF files

File : 4902530_meta.nc - 4902530_prof.nc - 4902530_tech.nc

8.11. NMDIS

For some floats :

-

See below the list of floats with existing nc files :

DAC name : nmdis – Number of floats : 19