



## **GDAC Float Anomalies Monitoring**

**February 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

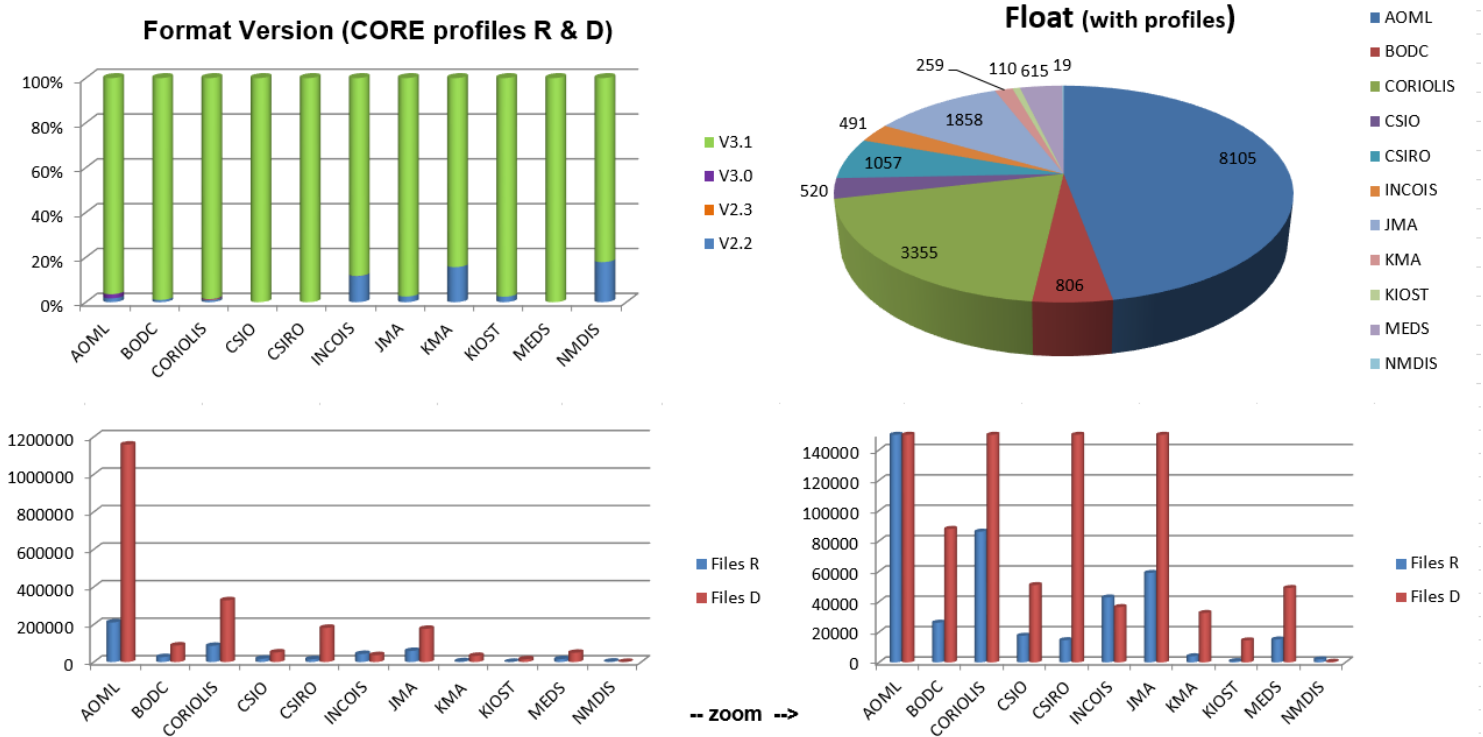
This table shows a list of floats showing a suspected drift/bias, observed in the last 2 months, last month for new. (feedback from Coriolis).

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_NO	Failure_Type for Coriolis DB (1- drift, 2-bias, 3-wet, 4-wetted, 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, Fig 5/4, from cycle N, PI/DM response: N/A*
<b>NEW</b>													
ADML	1902409	SUSAN WUFFELS, STEVEN JAYNE, PELLE ROBBINS	2022/02/04	1	2022/02/06	2	3	Argo WHOI	SBE41CP	13201	2	Offset from first cycle	
ADML	4902890	GREGORY C. JOHNSON	2022/02/23	193			3	Argo PMEL	SBE41CP	08004	1	Slight drift	
ADML	4902937	GREGORY C. JOHNSON	2022/02/25	172			3	Argo PMEL	SBE41CP	09041	1	Slight drift	
ADML	4902198	GREGORY C. JOHNSON	2022/02/11	107	2022/02/21	108	3	Argo PMEL	SBE41CP	11161	1	Drift	
ADML	4903210	GREGORY C. JOHNSON	2022/02/09	100	2022/03/01	102	3	Argo PMEL	SBE41CP	09961	1	Slight drift	
ADML	4903217	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2022/02/15	111	2022/02/25	112	3	Argo WHOI	SBE41CP	11029	1	Fast salty drift ?	
ADML	4903285	GREGORY C. JOHNSON	2022/02/19	98	2022/03/01	99	3	Argo PMEL	SBE41CP		1	Slight drift	
ADML	5906204	STEPHEN RISER/KEN JOHNSON	2022/02/10	76			3	Argo UW-SOCCOM	SBE41CP	11436	1	Drift	
BODC	1901943	Romain Cancouet	2022/02/29	160	2022/02/28	163	3	ARGO MOCCA	SBE41CP-V7.2.5	8507	1	Drift	
BODC	1901860	Romain Cancouet	2022/02/27	201			3	ARGO MOCCA	SBE41CP-V7.2.5	8098	1	Drift	
CORIOLIS	6902928	Bernard BOURLES	2022/02/06	195	2022/02/26	197	3	CORIOLIS	SBE41CP-V7.2.5	10774	1	Slight drift	
CORIOLIS	6903291	Dimitris KASSIS	2022/01/31	87	2022/02/02	93	3	Argo GREECE	SBE41CP	6806	1	Slight drift	
JMA	2903669	JAMSTEC	2022/02/13	84	2022/02/18	85	3	Argo eq. JAMSTEC	SBE41N	11080	1	Drift	
JMA	2903673	JMA	2022/02/13	74	2022/02/07	77	3	Argo eq. JMA	SBE41CP-V7.2.5	12986	1	Slight drift ?	
KMA	2901792	Kilyong Kang	2022/02/22	116	2022/02/26	121	4	Argo NIMS/KMA	SBE41CP	11994	2	Jump with bad data ?	
MEDS	4902459	Blair Greenan	2022/02/11	131			3	Argo CANADA	SBE41CP	41-10641	1	Slight drift	
<b>PREVIOUS REPORTS (in last 2 months)</b>													
ADML	1902423	SUSAN WUFFELS, STEVEN JAYNE, PELLE ROBBINS	2022/01/30	1	2022/02/03	4	3	Argo WHOI	SBE41CP	14338	1	Offset from first cycle ? was recently deployed; At this point the float looks like it has TBTO contamination, we would like to give it some more time to see if it will wash out. If it continues to be extremely fresh after 60 days we will add it to the grey list.	
ADML	3901266	CARL SZCZECIOWSKI	2020/08/23	326	2022/02/27	436	4 & 3	Argo NAVOCEANO	SBE41CP-V3.0c	7131	1		PSAL_3_236/N/A
ADML	3901283	GREGORY C. JOHNSON	2020/09/11	114	2022/03/01	186	3	Argo PMEL	SBE41CP	8563	1	Slight drift from cycle 114	PSAL_3_114/N/A
ADML	3901293	GREGORY C. JOHNSON	2021/05/05	159	2022/03/02	189	3	Argo PMEL	SBE41CP	8770	1	Slight drift	
ADML	3901301	GREGORY C. JOHNSON	2021/08/18	123	2022/02/24	142	3	Argo PMEL	SBE41CP-V7.2.5	10020	1	Slight drift	
ADML	3901306	GREGORY C. JOHNSON	2020/11/24	55	2022/02/27	98	3 & 4	Argo PMEL	SBE41CP	4600	3	Slight drift then strange bad profiles	PSAL_3_88/N/A
ADML	3901307	GREGORY C. JOHNSON	2021/01/30	60	2022/02/24	99	3	Argo PMEL	SBE41CP	11064	1	Slight drift	
ADML	3901308	GREGORY C. JOHNSON	2021/05/29	72	2022/02/13	98	3 & 4	Argo PMEL	SBE41CP	11066	1	Slight drift	
ADML	4902152	GREGORY C. JOHNSON	2020/09/08	38	2022/02/18	92	3 & 4	Argo PMEL	SBE	5719	3	Bad profiles	
ADML	4902207	GREGORY C. JOHNSON	2021/04/03	62	2022/02/15	95	4	Argo PMEL	SBE	5725	3	bad profile	
ADML	4902892	GREGORY C. JOHNSON	2021/03/29	160	2022/02/02	191	3 & 4	Argo PMEL	SBE41CP	08006	1	Drift is beginning, then bad profiles and large drift	PSAL_3_172/N/A
ADML	4902893	GREGORY C. JOHNSON	2019/10/12	107	2022/02/28	194	3	Argo PMEL	SBE41CP	8007	1	unsure	
ADML	4902897	GREGORY C. JOHNSON	2020/02/09	119	2022/02/28	194	3 & 4	Argo PMEL	SBE41CP	8310	1	smoothly drifting so far then bad profiles with large gap	PSAL_3_170/N/A
ADML	4902900	GREGORY C. JOHNSON	2021/03/16	156	2022/03/01	191	3	Argo PMEL	SBE41CP	08638	1	Slight drift	
ADML	4902901	GREGORY C. JOHNSON	2021/01/09	185	2022/02/28	190	3	Argo PMEL	SBE41CP	08697	1	Drift	
ADML	4902908	GREGORY C. JOHNSON	2021/03/06	154	2022/03/01	190	3	Argo PMEL	SBE41CP	08775	1	Drift	
ADML	4903028	GREGORY C. JOHNSON	2020/09/15	50	2022/02/23	121	4 (S) 3 (T)	Argo PMEL	SBE41CP	10069	2	unsure	
ADML	4903030	GREGORY C. JOHNSON	2020/02/16	60	2022/02/25	134	3 & 4	Argo PMEL	SBE41CP	10574	1	cycle 53 is 0.06 psu saltier than surrounding profiles and then cycle 51. Cycle 52 is 0.03 psu saltier than cycle 51.	
ADML	4903033	GREGORY C. JOHNSON	2019/10/11	47	2022/02/27	134	4 & 3	Argo PMEL	SBE41CP	10577	1	cycle 46 (2019/10/01) is affected by a 0.04 psu salty jump. Rapidly drifting.	
ADML	4903173	GREGORY C. JOHNSON	2019/09/09	21	2022/02/22	123	3 & 4	Argo PMEL	SBE41CP	10997	1	cycle 42 and cycle 43 are 0.04 psu saltier than surrounding profiles. Drift may have begun cycle 38	
ADML	4903178	GREGORY C. JOHNSON	2021/04/21	90	2022/02/25	121	4 & 3	Argo PMEL	SBE41CP	11047	3	Bad profiles PSAL but comes back to more correct profiles	
ADML	4903180	GREGORY C. JOHNSON	2021/01/11	101	2022/02/27	121	3	Argo PMEL	SBE41CP	11049	1	Slight drift	
ADML	4903184	GREGORY C. JOHNSON	2020/02/17	48	2022/02/26	122	3 & 4	Argo PMEL	SBE41CP	11042	1	cycle 42 is 0.02 psu saltier than surrounding profiles	
ADML	4903196	GREGORY C. JOHNSON	2021/12/28	103	2022/02/26	109	3 & 4	Argo PMEL	SBE41CP	11125	1	Drift ?	
ADML	4903202	GREGORY C. JOHNSON	2020/02/12	27	2022/02/21	101	3 & 4	Argo PMEL	SBE41CP	11068	1	cycle 24 is 0.05 psu saltier than surrounding profiles. Wait for more cycles.	
ADML	4903282	GREGORY C. JOHNSON	2021/03/22	70	2022/02/25	104	3	Argo PMEL	SBE41CP	11204	1	Slight drift	
ADML	4903293	GREGORY C. JOHNSON	2020/09/26	16	2022/02/28	68	3 & 4	Argo PMEL	SBE41CP	11822	2	Beginning of drift or jump ?	
ADML	5903806	GREGORY C. JOHNSON	2020/02/17	278	2022/02/22	347	3	Argo PMEL	SBE41	5646	1	cycle 257 is 0.04 PSU saltier than surrounding profiles.	
ADML	5903807	GREGORY C. JOHNSON	2021/04/17	318	2022/02/27	347	3	Argo PMEL	SBE41	5096	1	Drift	
ADML	5903821	GREGORY C. JOHNSON	2020/07/08	296	2022/02/21	351	3	Argo PMEL	SBE41	5107	1	Slight drift	
ADML	5904296	GREGORY C. JOHNSON	2021/10/26	264	2022/01/24	273	3	Argo PMEL	SBE41CP	5092	1	Slight Drift	
ADML	5904543	GREGORY C. JOHNSON	2020/05/26	215	2022/03/25	279	3	Argo PMEL	SBE41CP	5921	1	Gap or drift starting ?	
ADML	5904587	GREGORY C. JOHNSON	2020/02/13	176	2022/02/22	250	3 & 4	Argo PMEL	SBE41CP	6288	1	until new RT begins once more at cycle 163. The DM adjustment is not propagated. cycle 163 is 0.06 psu saltier than	
ADML	5904649	STEPHEN RISER	2021/06/29	211	2022/02/24	235	3	Argo UW	SBE41CP	6394	1	Slight drift	
ADML	5904707	GREGORY C. JOHNSON	2021/09/13	211	2022/01/31	225	3	Argo PMEL	SBE41CP	6299	1	Slight Drift	
ADML	5904738	GREGORY C. JOHNSON	2021/02/27	119	2022/02/27	198	3	Argo PMEL	SBE41CP	7757	1	cycle 119 is 0.02 psu saltier than surrounding profiles, cycle 123 is back to nominal values but restart to saltier values	PSAL_3_92/N/A
ADML	5904739	GREGORY C. JOHNSON	2019/01/16	84	2022/03/01	198	3 & 4	Argo PMEL	SBE41CP	7189	1	Drift with jump, gap from cycle 129 to cycle 179 ? Then comes back in table, DMOC made to cycle 90	
ADML	5904864	GREGORY C. JOHNSON	2021/12/09	199	2022/02/27	207	3	Argo PMEL	SBE41CP	07795	1	Slight drift	
ADML	5904948	GREGORY C. JOHNSON	2021/09/19	171	2022/02/26	187	4	Argo PMEL	SBE41CP	08641	1	Jump, drift ?	
ADML	5904974	GREGORY C. JOHNSON	2021/06/05	159	2022/03/02	186	3	Argo PMEL	SBE41CP	08773	1	Slight drift	
ADML	5905083	STEPHEN RISER	2021/09/15	167	2022/02/22	183	3	Argo UW	SBE41CP	6414	1	Drift	
ADML	5905150	STEPHEN RISER, KENNETH JOHNSON	2020/12/23	115	2022/02/26	158	3	Argo UW	SBE41CP	7278	1	Slight drift	
ADML	5905324	STEPHEN RISER	2021/06/28	182	2022/02/23	196	3	Argo UW	SBE41CP	8478	1	Slight drift	
ADML	5905727	GREGORY C. JOHNSON	2022/01/14	124	2022/03/23	128	4 & 3	Argo PMEL	SBE41CP	10052	3	Bad profiles and slight drift	
ADML	5905733	GREGORY C. JOHNSON	2021/02/18	100	2022/02/23	137	3	Argo PMEL	SBE41CP	09989	1	Slight drift is starting	
ADML	5905743	GREGORY C. JOHNSON	2020/02/15	60	2022/02/24	134	3 & 4	Argo PMEL	SBE41CP	10559	1	cycle 53 and cycle 54 are 0.02 psu saltier than surrounding profiles. The drift seems to begin cycle 50	
ADML	5905988	ANDREA FASSBENDER	2021/06/25	153	2022/02/22	177	3	Argo UW-MBARI	SBE41CP	10762	1	Drift - float seems come back in the table	
ADML	5906095	GREGORY C. JOHNSON	2020/07/05	43	2022/02/25	103	3	Argo PMEL	SBE41CP	11103	1		
ADML	5906098	GREGORY C. JOHNSON	2020/02/16	27	2022/01/16	97	3	Argo PMEL	SBE41CP	11099	4	Very fresh first cycles (cycle 10 is still 0.3 PSU fresher than expected)	
ADML	5906157	GREGORY C. JOHNSON	2021/05/06	75	2022/03/02	105	3	Argo PMEL	SBE41CP	1147	1	Slight drift	
ADML	5906159	GREGORY C. JOHNSON	2020/04/29	30	2022/02/28	97	3 & 4	Argo PMEL	SBE41CP	11076	1	Salty drift	
ADML	5906159	GREGORY C. JOHNSON	2020/04/29	30	2022/02/28	97	3 & 4	Argo PMEL	SBE41CP	11076	1	Salty drift	
ADML	5906170	GREGORY C. JOHNSON	2020/12/31	43	2022/02/24	85	3	Argo PMEL	SBE41CP	11085	1		
ADML	5906174	GREGORY C. JOHNSON	2020/03/31	1	2022/02/19	70	3 & 4	XXXXXX	SBE41CP	12135	2	Bias of salinity for 2 first cycles (difference of 3 psu /th profiles in this area)	
BODC	3901522	JON TURTON	2021/12/04	224	2022/01/23	229	3	Argo UK	SBE41_V3	6716	1	Drift	
BODC	3901534	John Turton	2021/10/15	166	2022/01/23	176	3	Argo UK	SBE41	7832	1	Slight drift	
BODC	6901926	Diamuid O'Conchubhair	2021/09/29	200	2022/02/28	219	3	Argo IRELAND	SBE41	8837	1	Drift	
BODC	6901933	Diamuid O'Conchubhair	2021/01/04	96	2022/02/23	101	3	Argo IRELAND	SBE41CP-V7.2.5	10959	1	Beginning of drift ?	
BODC	6901935	Conall O'Malley	2021/12/26	48	2022/02/24	54	3	Argo IRELAND	SBE41CP-V7.2.5	10957	1	Drift	
BODC	6903753	Brian King	2020/12/19	1	2022/03/02	46	3	Argo UK	RBR ARGOS	203420	1	Drift - Finally start at cycle 1 instead of cycle 12	
CORIOLIS	6903556	Kjell Arne Mark	2021/11/10	5									

Floats on grey list since last month (from feedback and check of greylist index)													
AOML	1902198	GREGORY C. JOHNSON -> Grey List	2020/02/20	61	2022/02/19	134	3 & 4	Argo PMEL	SBE41CP	9911	1	cycle 53 is 0.05 psu saltier than surrounding profiles. Then large gap for cycles following cycle 78	PSAL3.78/N/A
AOML	1902269	GREGORY C. JOHNSON -> Grey List	2021/04/20	80	2022/02/15	104	4	Argo PMEL	SBE41CP	10756	1	Drift, positions have been interpolated, gap of more than 2 psu comparing to Minmax, Temperature ok	PSAL3.80/N/A
AOML	3901179	GREGORY C. JOHNSON -> Grey List	2021/04/15	250	2021/12/11	274	3	Argo PMEL	SBE41CP	5542	1	Slight Drift	
AOML	3901199	GREGORY C. JOHNSON -> Grey List	2020/02/25	172	2022/02/24	245	3 & 4	Argo PMEL	SBE41CP	6308	6	There is a correction in adjusted that seem to worsen the salinity. Raw data are inside alert boundaries, adjusted data are fresher than boundaries. This seems to have been corrected. Only cycle 143 remains out of bounds. Last cycles come back to better profiles but still in drift	PSAL3.172/N/A
AOML	3901282	GREGORY C. JOHNSON -> Grey List	2017/09/05	32	2022/02/21	195	3	Argo PMEL	SBE41CP	8531	4	salty jump at cycle 86, salinity data are wrecked	PSAL3.82/N/A
AOML	3901289	GREGORY C. JOHNSON -> Grey List	2020/02/23	117	2022/02/22	190	4	Argo PMEL	SBE41CP	8651	1	cycle 99 is 0.2 PSU saltier than surrounding profiles	PSAL3.76/N/A
AOML	3901291	GREGORY C. JOHNSON -> Grey List	2022/07/06	129	2022/02/26	189	4	Argo PMEL	SBE41CP	8634	1	Jump than large drift with big gap more than 4 psu	PSAL3.129/N/A
AOML	4901659	GREGORY C. JOHNSON -> Grey List	2021/09/11	260	2022/02/28	277	3	Argo PMEL	SBE41CP	5925	1	Slight Drift	PSAL3.260/N/A
AOML	4902102	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS -> Grey List	2022/02/05	3246	2022/02/25	3248	3	Argo WHOI	SBE41CP	6488	1	Drift PSAL QC2 set to QC3	
AOML	4902203	GREGORY C. JOHNSON -> Grey List	2021/06/13	193	2022/02/18	218	3	Argo PMEL	SBE41CP	7478	1	Slight drift	PSAL3.193/N/A
AOML	4902901	GREGORY C. JOHNSON -> Grey List	2019/01/08	76	2022/02/21	190	4	Argo PMEL	SBE41CP	8692	1	undoubtedly drifting (0.04 PSU saltier on 2018/12/19), hard salty jumps from cycle 80 (2019/02/17)	PSAL3.76/N/A
AOML	4902998	GREGORY C. JOHNSON -> Grey List	2020/04/19	102	2022/02/19	163	3 & 4	Argo PMEL	SBE41CP	0908	1	Drift	PSAL102.3/N/A
AOML	4903188	GREGORY C. JOHNSON -> Grey List	2019/10/10	21	2022/02/26	108	4	Argo PMEL	SBE41CP	11069	1	fast salty drift, DMOQ (with correction) made to cycle 34	PSAL3.35/N/A
AOML	4903194	GREGORY C. JOHNSON -> Grey List	2019/09/20	56	2022/02/22	108	3 & 4	Argo PMEL	SBE41CP	11138	1	Small drift following by large drift with some bad profiles	PSAL3.89/N/A
AOML	5902465	DEAN ROEMMICH -> Grey List	2022/01/15	218	2022/02/15	222	3	Argo SIO	SBE41CP_V3.0c	7443	1	Small Drift	
AOML	5904490	STEPHEN RISER -> Grey List	2021/01/19	215	2022/03/02	255	3 & 4	Argo UW	SBE41	6423			
AOML	5905730	GREGORY C. JOHNSON -> Grey List	2019/10/12	51	2022/02/28	138	4	Argo PMEL	SBE41CP	9857	1	cycle 47 (2019/09/02) is 0.05 psu saltier than surrounding profiles	PSAL3.57/N/A
AOML	5906012	STEPHEN RISER -> Grey List	2021/09/17	99	2022/02/02	113	3	Argo UW	SBE41CP	9836	3	Jump but strange profile	
AOML	5906016	STEPHEN RISER -> Grey List	2021/10/13	95	2022/01/31	106	3	Argo UW	SBE41CP	10191	1	Drift	
AOML	5906051	STEPHEN RISER -> Grey List	2021/02/04	47	2022/02/25	80	3 (T) 4 (S)	Argo UW	SBE41CP	11508	1	PSAL already bad but now drift observed on TEMP	
BODC	3901888	Andreas Sterl -> Grey List	2021/07/26	182	2022/02/01	181	3	ARGO MOCCA	SBE41CP_V7.2.5	8238	1	Drift	
BODC	3901963	Romain Cancouet -> Grey List	2021/08/24	131	2022/01/01	144	3	ARGO ITALY	SBE41CP_V7.2.5	8606	1	Drift	
CORIOLIS	3901876	Andreas Sterl -> Grey List	2022/01/11	192	2022/01/31	194	3	ARGO MOCCA	SBE41CP_V7.2.5	8129	1	Slight drift ?	
CORIOLIS	6902950	Christine COATANCIAN -> Grey List	2021/12/17	85	2022/02/05	90	3 & 4	CORIOLIS	SBE41CP_V7.2.5	10942	1	Drift	
CORIOLIS	6904139	Rainer Klib -> Grey List	2021/12/12	52	2022/02/07	71	3	Argo BSH	SBE41CP_V7.2.5	13302	1	Drift	
CSIRO	5904997	Susan Wijffels -> Grey List	2021/12/26	226	2022/01/05	227	3	Argo AUSTRALIA	SBE41CP_V2	6858	1	Drift	
CSIRO	5904998	Susan Wijffels -> Grey List	2022/01/16	228			3	Argo AUSTRALIA	SBE41CP_V2	7000	1	Drift	
JMA	5905845	JAMSTEC -> Grey List	2022/01/14	70	2022/02/13	73	3	Argo JAMSTEC	SBE41CP_V7.2.5	11109	1	Drift	
MEDS	4902470	Blair Greenan -> Grey List	2020/08/17	40	2022/02/21	104	3+ T	Argo CANADA	SBE41CP	41CP-11308	1	Drift, now bias on temp	

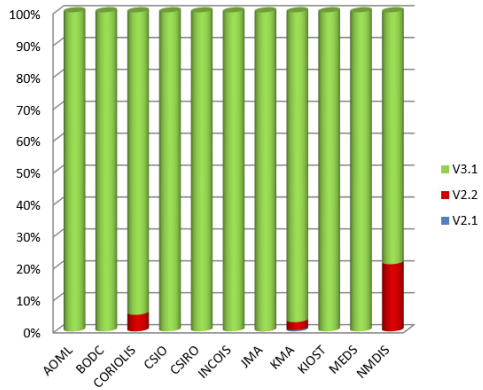
## 2. Statistics on floats and format version (End of February 2022)

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

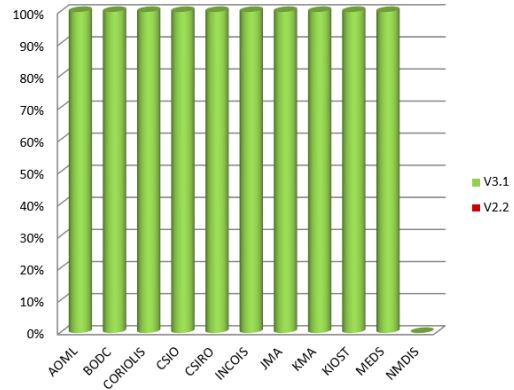


Plots showing format\_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.

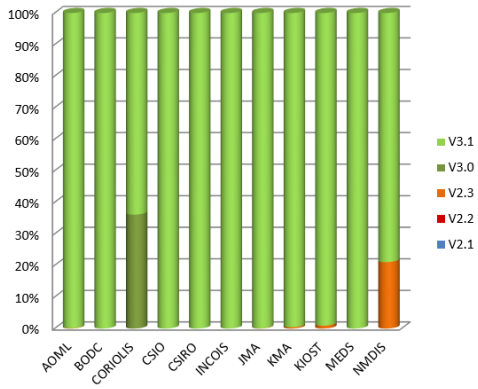
**Metadata Files - Dead floats**



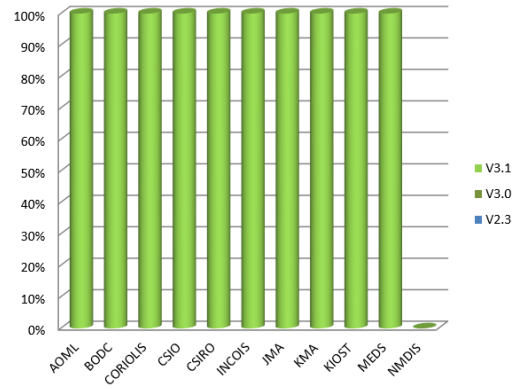
**Metadata Files - Active floats**



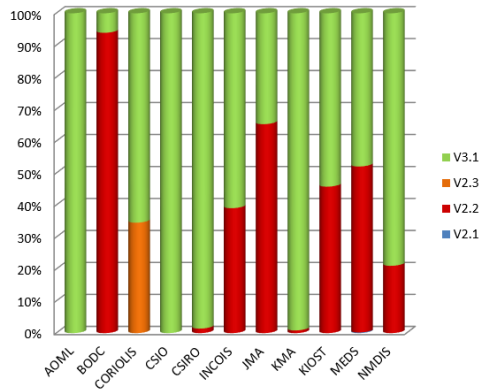
**Technical Files - Dead floats**



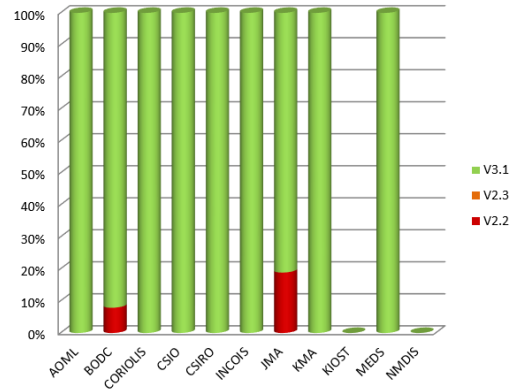
**Technical Files - Active floats**



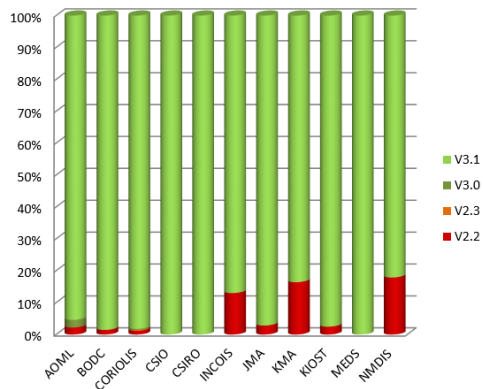
**Trajectory Files - Dead floats**



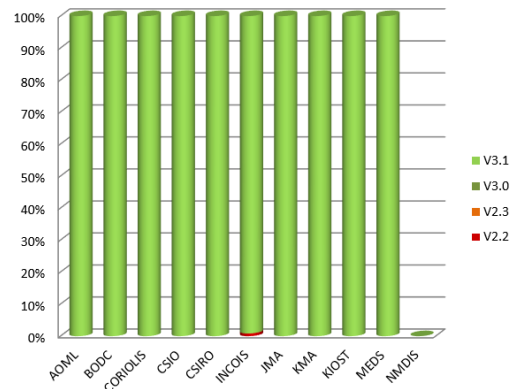
**Trajectory Files - Active floats**



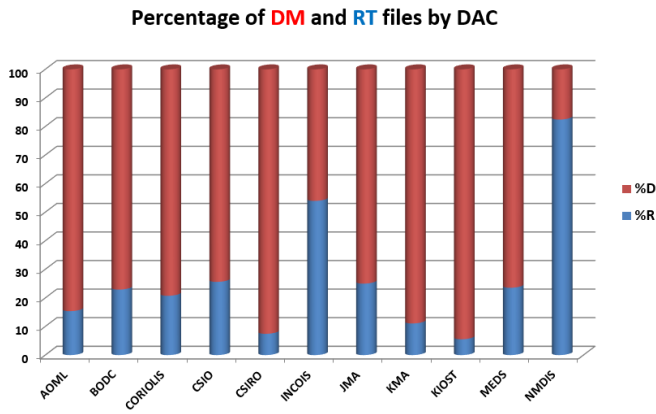
**Profile files - Dead floats**



**Profile Files - Active floats**



**Delayed mode percentage by DAC**



DACS	%R	%D
AOML	15,39	84,61
BODC	22,93	77,07
CORIOLIS	20,76	79,24
CSIO	25,63	74,37
CSIRO	7,44	92,56
INCOIS	53,97	46,03
JMA	25,01	74,99
KMA	11,08	88,92
KIOST	5,55	94,45
MEDS	23,56	76,44
NMDIS	82,44	17,56

**3. Statistics on Anomalies**

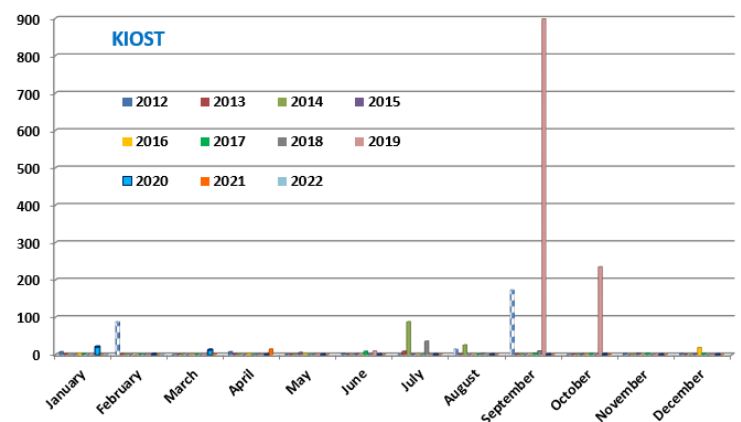
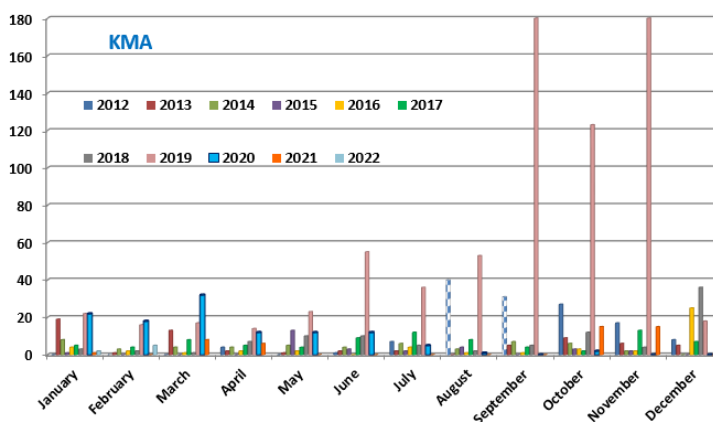
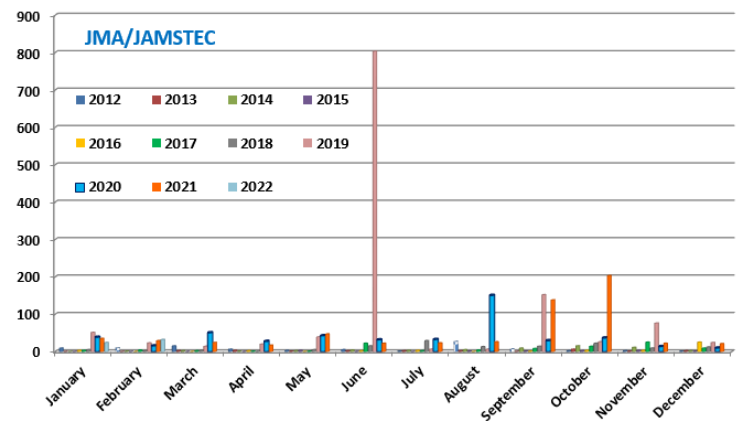
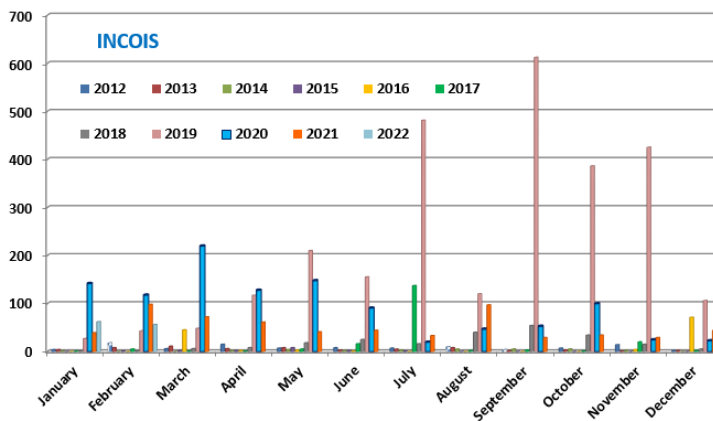
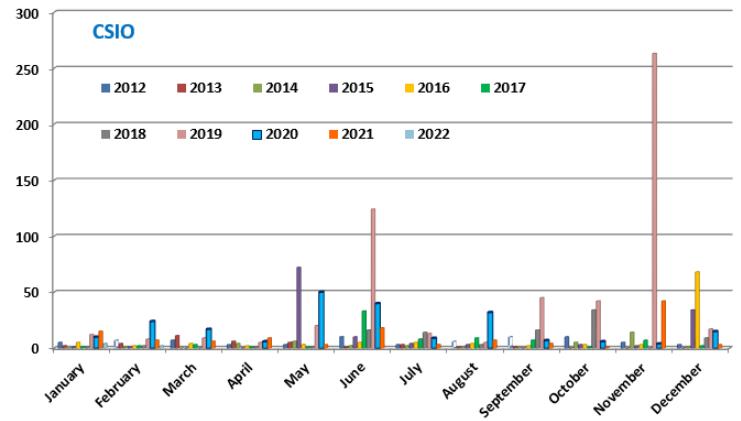
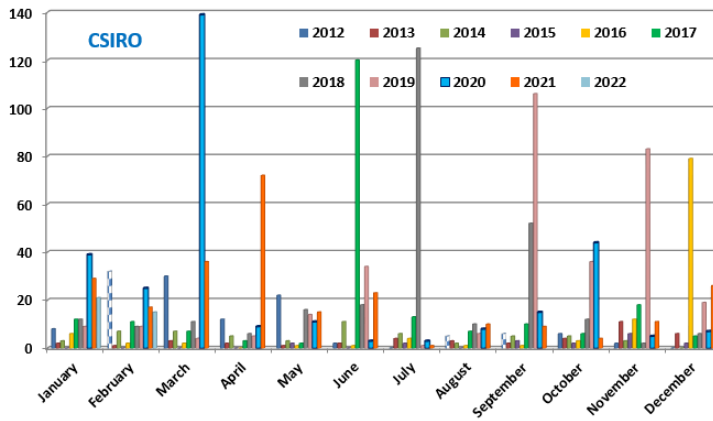
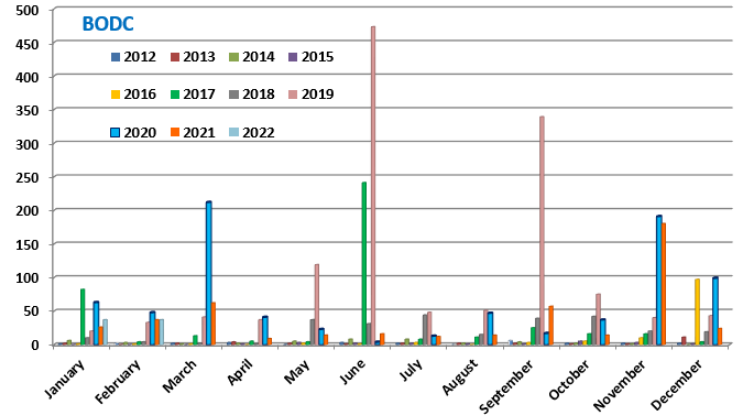
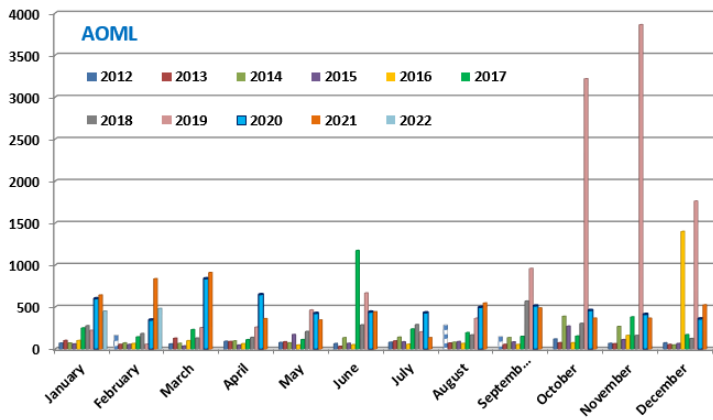
Plots showing evolution of number of anomalies by DAC.

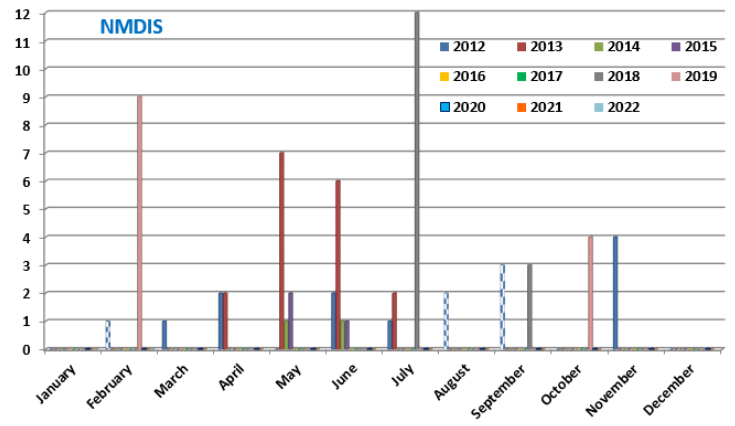
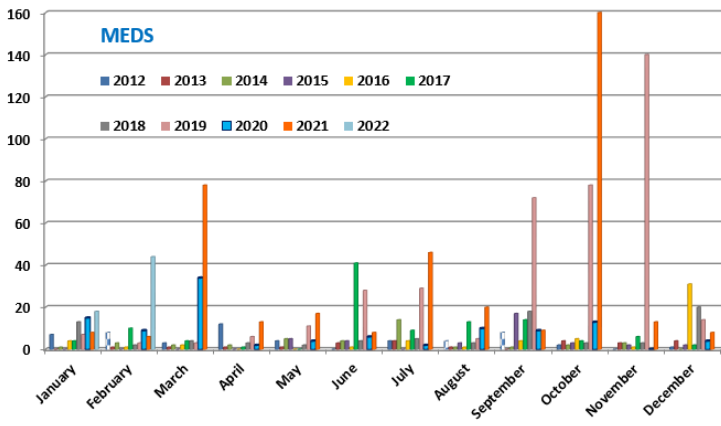
**3.1. Year**



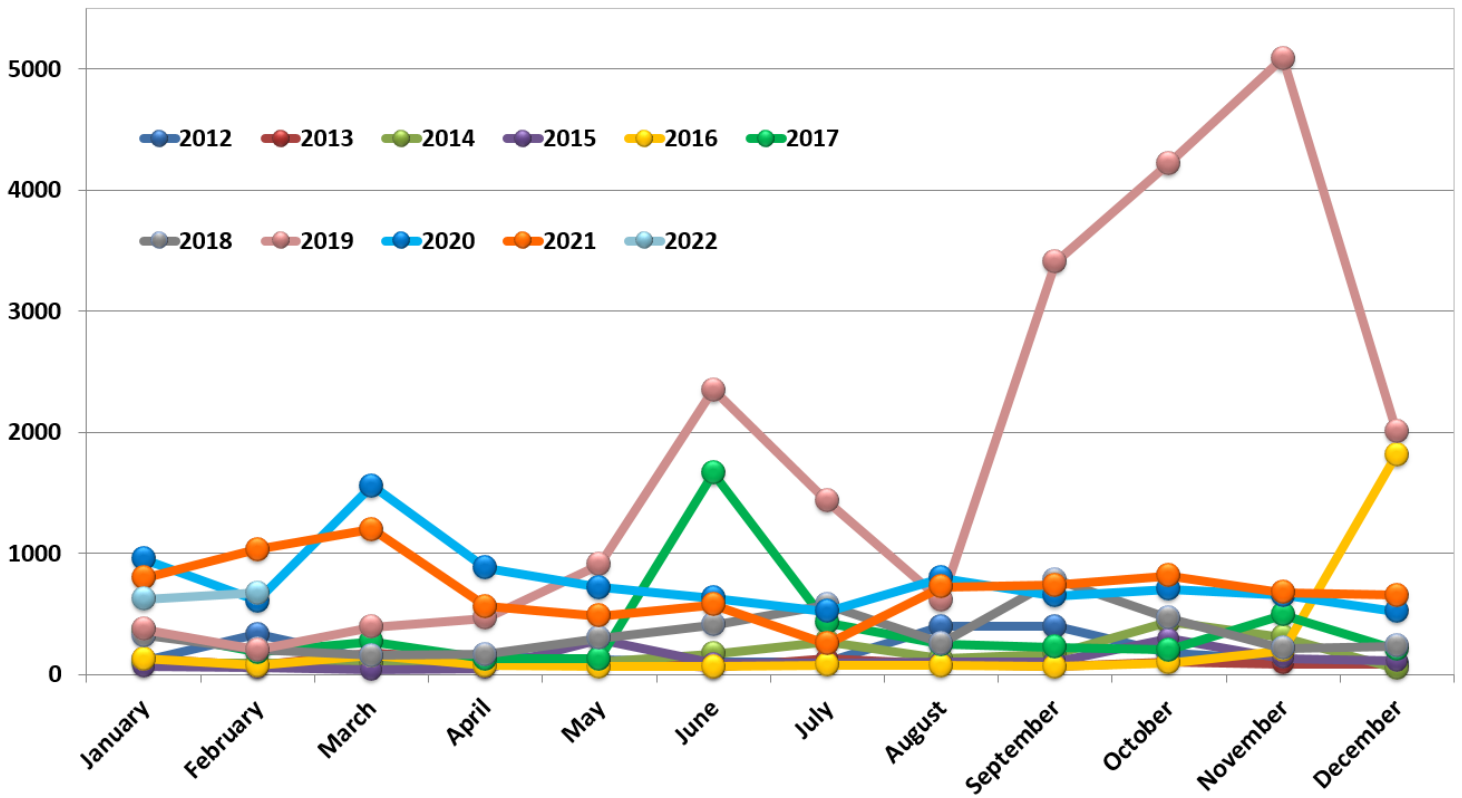
**3.2. DAC**







### 3.3. Anomalies by year, by month

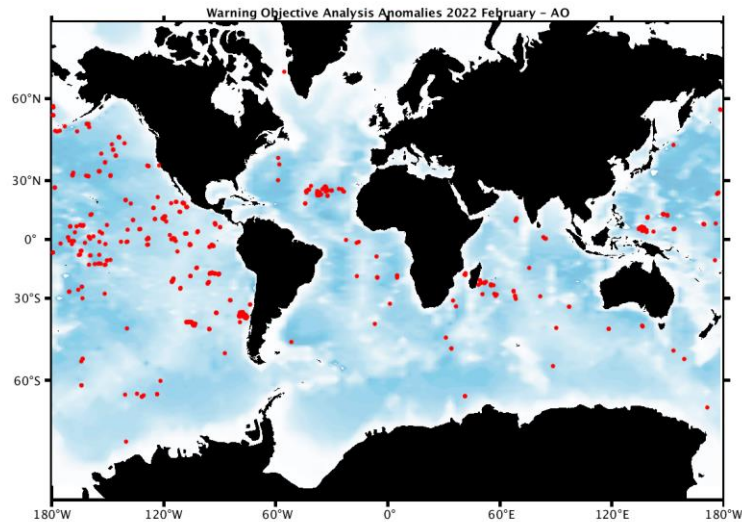


## 4. DAC Anomalies

### 4.1. DAC AOML

Profiles detected by the objective analysis: 482 profiles (154 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
45 cycles	383 cycles	54 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 : 1902028 - Cycle : 196 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8496 - Date : 2022 2 19  
Float : 1902269 - Cycle : 104 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0946 - Date : 2022 2 15  
Float : 1902198 - Cycle : 132 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0856 - Date : 2022 1 30  
Float : 1902198 - Cycle : 133 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0856 - Date : 2022 2 9  
Float : 1902198 - Cycle : 134 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0856 - Date : 2022 2 19  
Float : 1902201 - Cycle : 124 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0860 - Date : 2021 11 15  
Float : 1902220 - Cycle : 151 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7461 - Date : 2022 2 10  
Float : 1902226 - Cycle : 105 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : ALTO - WMO inst type : 873 - FLOAT SERIAL : 11029 - Date : 2022 2 1  
Float : 1902253 - Cycle : 57 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8872 - Date : 2022 2 4  
Float : 1902260 - Cycle : 57 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8880 - Date : 2022 2 12  
Float : 1902269 - Cycle : 103 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0946 - Date : 2022 2 5  
Float : 1902269 - Cycle : 104 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0946 - Date : 2022 2 15  
Float : 1902280 - Cycle : 55 - PI : WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7565 - Date : 2022 2 19  
Float : 1902297 - Cycle : 40 - PI : WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7642 - Date : 2022 2 23  
Float : 1902409 - Cycle : 1 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7676 - Date : 2022 2 4  
Float : 1902409 - Cycle : 2 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7676 - Date : 2022 2 6  
Float : 1902413 - Cycle : 2 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7683 - Date : 2022 2 5  
Float : 1902415 - Cycle : 5 - PI : WHOI : WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7685 - Date : 2022 1 18  
Float : 1902419 - Cycle : 5 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7693 - Date : 2022 1 30  
Float : 1902423 - Cycle : 1 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7698 - Date : 2022 1 30  
Float : 1902423 - Cycle : 2 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7698 - Date : 2022 1 31  
Float : 1902423 - Cycle : 3 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7698 - Date : 2022 2 2  
Float : 1902423 - Cycle : 4 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7698 - Date : 2022 2 3  
Float : 1902445 - Cycle : 3 - PI : WHOI : WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : ALTO - WMO inst type : 876 - FLOAT SERIAL : 11059 - Date : 2022 1 23  
Float : 1902445 - Cycle : 5 - PI : WHOI : WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : ALTO - WMO inst type : 876 - FLOAT SERIAL : 11059 - Date : 2022 2 11  
Float : 3901105 - Cycle : 243 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7282 - Date : 2022 2 22  
Float : 3901180 - Cycle : 250 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0269 - Date : 2022 2 18  
Float : 3901199 - Cycle : 187 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0478 - Date : 2020 7 24  
Float : 3901199 - Cycle : 188 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0478 - Date : 2020 8 3  
Float : 3901199 - Cycle : 191 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0478 - Date : 2020 9 2  
Float : 3901199 - Cycle : 192 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0478 - Date : 2020 9 12  
Float : 3901199 - Cycle : 193 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0478 - Date : 2020 9 22











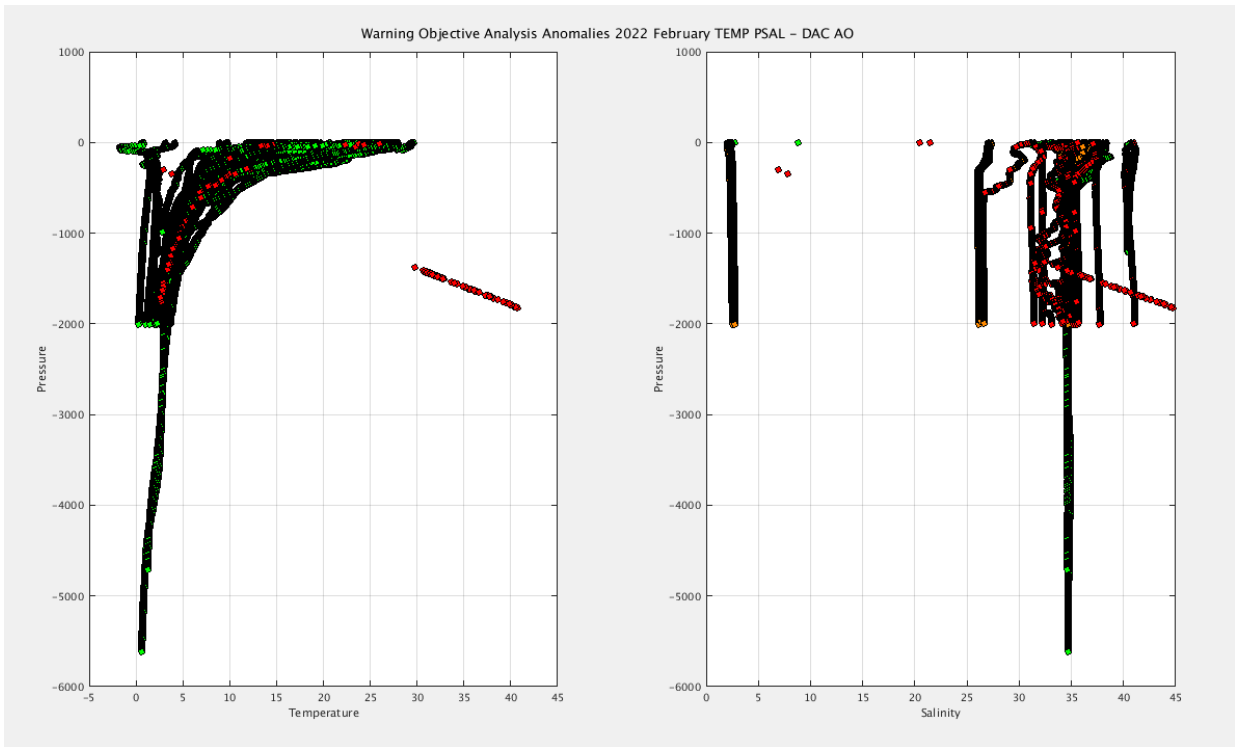




Float : 7900687 - Cycle : 118 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8753 - Date : 2022 2 20  
 Float : 7900688 - Cycle : 117 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8754 - Date : 2022 2 12  
 Float : 7900795 - Cycle : 108 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8759 - Date : 2021 12 9  
 Float : 7900799 - Cycle : 42 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8916 - Date : 2022 1 30

**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]**

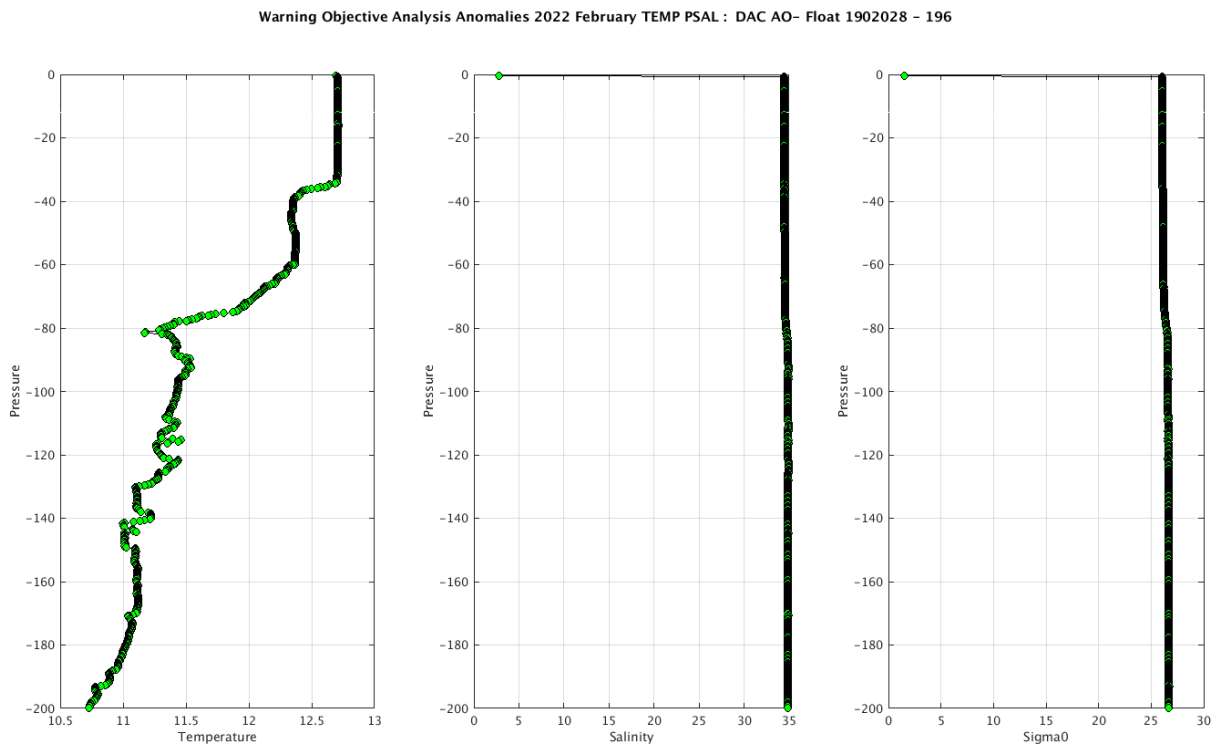
Float : 4903220 - Cycle : 67 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7503 - Date : 2020 11 25  
 Float : 5903735 - Cycle : 139 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5578 - Date : 2014 5 26  
 Float : 5903749 - Cycle : 199 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5402 - Date : 2018 5 18  
 Float : 5903978 - Cycle : 261 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6119 - Date : 2020 2 25  
 Float : 5903998 - Cycle : 199 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5580 - Date : 2015 11 13  
 Float : 5903998 - Cycle : 200 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5580 - Date : 2015 11 20  
 Float : 5903999 - Cycle : 187 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5585 - Date : 2016 6 9  
 Float : 5903999 - Cycle : 89 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5585 - Date : 2016 9 21  
 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 : 5903999 - Cycle : 207 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5585 - Date : 2016 11 16  
 Float : 5904003 - Cycle : 242 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6001 - Date : 2015 11 21  
 Float : 5904135 - Cycle : 112 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6003 - Date : 2014 4 8  
 Float : 5904005 - Cycle : 97 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6003 - Date : 2014 6 11  
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 Float : 5904005 - Cycle : 174 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6003 - Date : 2016 2 12  
 Float : 5904019 - Cycle : 349 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6009 - Date : 2014 9 9  
 Float : 5904135 - Cycle : 156 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6010 - Date : 2014 9 27  
 Float : 5904398 - Cycle : 42 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6122 - Date : 2015 10 5  
 Float : 5904405 - Cycle : 82 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6934 - Date : 2016 10 17  
 Float : 5904405 - Cycle : 94 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6934 - Date : 2017 2 16  
 Float : 5904405 - Cycle : 112 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6934 - Date : 2017 8 18  
 Float : 5904777 - Cycle : 153 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7744 - Date : 2020 8 27  
 Float : 5904777 - Cycle : 154 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7744 - Date : 2020 9 6  
 Float : 5904777 - Cycle : 155 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7744 - Date : 2020 9 16  
 Float : 5904777 - Cycle : 156 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7744 - Date : 2020 9 26  
 Float : 5904777 - Cycle : 157 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7744 - Date : 2020 10 6  
 Float : 5904777 - Cycle : 158 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7744 - Date : 2020 10 17  
 Float : 5904777 - Cycle : 159 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7744 - Date : 2020 10 27  
 Float : 5904777 - Cycle : 160 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7744 - Date : 2020 11 6  
 Float : 5904777 - Cycle : 161 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7744 - Date : 2020 11 16  
 Float : 5904777 - Cycle : 162 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7744 - Date : 2020 11 26  
 Float : 5904777 - Cycle : 163 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7744 - Date : 2020 12 6  
 Float : 5905096 - Cycle : 123 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7647 - Date : 2020 8 18  
 Float : 5906016 - Cycle : 106 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8323 - Date : 2022 1 31  
 Float : 5906051 - Cycle : 58 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2021 7 20  
 Float : 5906051 - Cycle : 59 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2021 7 30  
 Float : 5906051 - Cycle : 60 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2021 8 9  
 Float : 5906051 - Cycle : 61 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2021 8 19  
 Float : 5906051 - Cycle : 62 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2021 8 29  
 Float : 5906051 - Cycle : 63 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2021 9 8  
 Float : 5906051 - Cycle : 64 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2021 9 18  
 Float : 5906051 - Cycle : 65 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2021 9 28  
 Float : 5906051 - Cycle : 66 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2021 10 8  
 Float : 5906051 - Cycle : 67 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2021 10 18  
 Float : 5906051 - Cycle : 68 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2021 10 28  
 Float : 5906051 - Cycle : 69 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2021 11 7  
 Float : 5906051 - Cycle : 70 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2021 11 17  
 Float : 5906051 - Cycle : 71 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2021 11 27  
 Float : 5906051 - Cycle : 72 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2021 12 7  
 Float : 5906051 - Cycle : 73 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2021 12 17  
 Float : 5906051 - Cycle : 74 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2021 12 27  
 Float : 5906051 - Cycle : 75 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2022 1 6  
 Float : 5906051 - Cycle : 76 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2022 1 16  
 Float : 5906051 - Cycle : 77 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2022 1 26

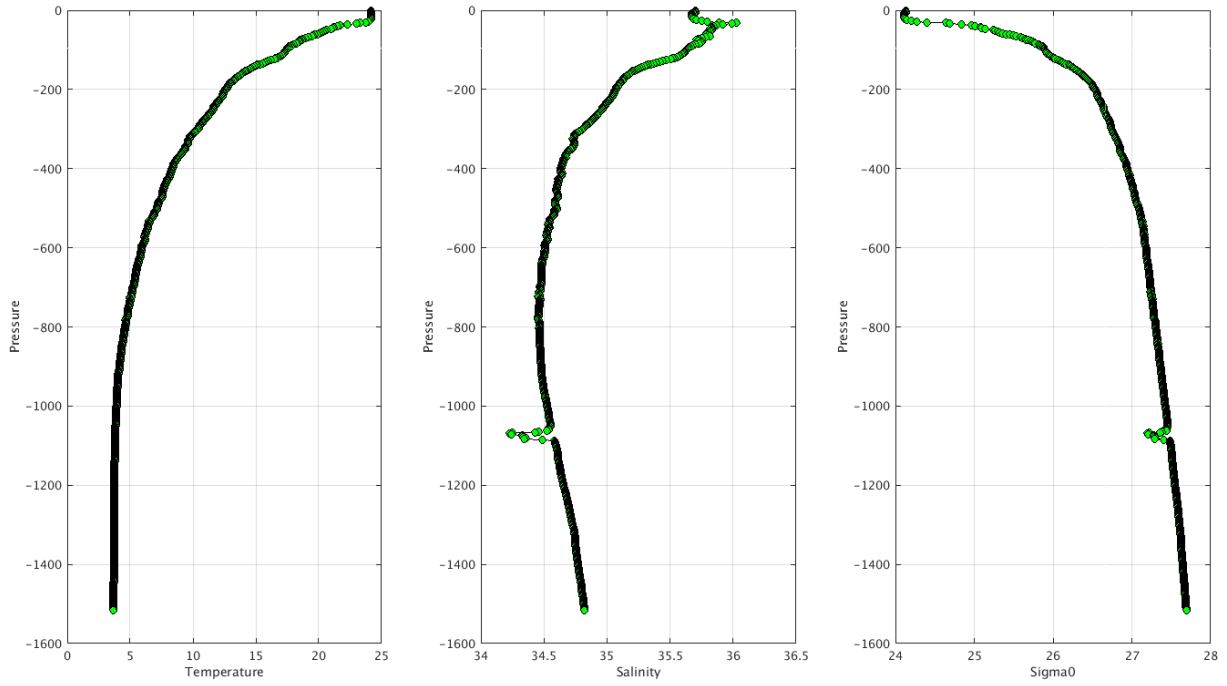


Plot for the 150 first profiles.

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

Example of anomalies:





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

- Error on practical salinity adjusted error :

PI\_name = GREGORY C. JOHNSON - Float 4900812 cycle 9 strange values on PSAL\_ADJUSTED\_ERROR

PSAL\_ADJUSTED\_ERROR =  
 957109.750, 958123.688, 980430.125, 1007920.750, 1010353.875, 1017708.312, 1023617.375, 1025777.875, 1028215.812, 1027735.562, 1027554.250, .....

PI\_name = GREGORY C. JOHNSON - Float 4903172 cycle 7 to cycle 46

For instance cycle 7 PSAL\_ADJUSTED\_ERROR = 1266694.875, 1266783.750, 1266694.625, 1266685.500, 1266678.875, .....

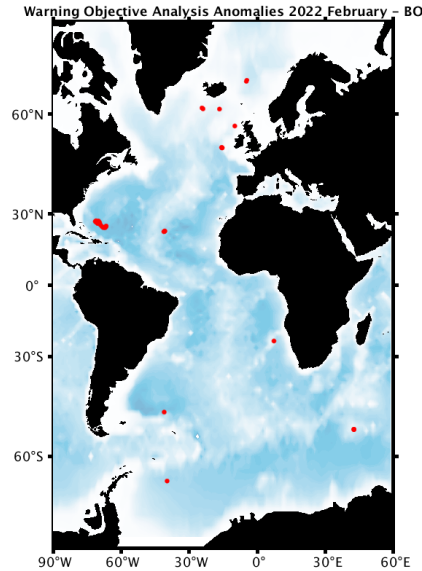
PI\_name = CARL SZCZECOWSKI - Float 6900376 cycle 44 to cycle 92 – cycle 98 to 128 – cycle 131 to 135

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

## 4.2. DAC BODC

Profiles detected by the objective analysis: 37 profiles (11 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
9 cycles	26 cycles	2 cycles



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

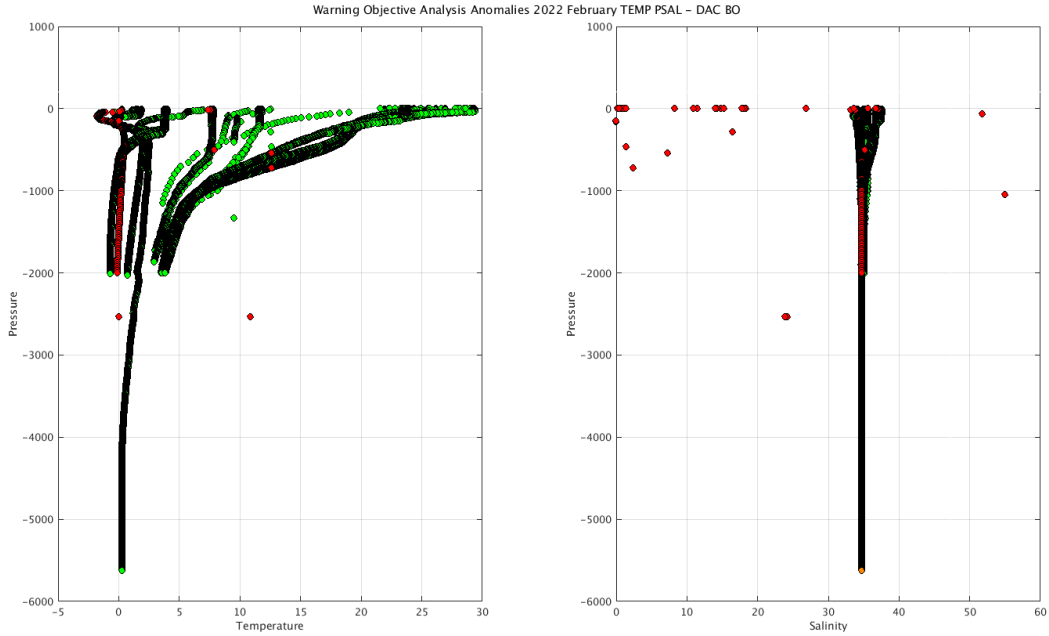
### Files data\_mode='R' / 'A'

Float : 1901857 - Cycle : 234 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6995 - Date : 2021 1 24  
 Float : 1901938 - Cycle : 1 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9205 - Date : 2022 2 14  
 Float : 3901567 - Cycle : 38 - PI : Brian King - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 58 - Date : 2022 2 11  
 Float : 3901888 - Cycle : 179 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR051 - Date : 2022 1 12  
 Float : 3901888 - Cycle : 180 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR051 - Date : 2022 1 22  
 Float : 3901888 - Cycle : 181 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR051 - Date : 2022 2 1  
 Float : 6901166 - Cycle : 257 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6608 - Date : 2021 7 14  
 Float : 6901926 - Cycle : 216 - PI : Diarmuid O'Conchubhair - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7842 - Date : 2022 2 4  
 Float : 6901926 - Cycle : 217 - PI : Diarmuid O'Conchubhair - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7842 - Date : 2022 2 12  
 Float : 6901926 - Cycle : 218 - PI : Diarmuid O'Conchubhair - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7842 - Date : 2022 2 20  
 Float : 6901933 - Cycle : 100 - PI : Diarmuid O'Conchubhair - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2632-18EU038 - Date : 2022 2 13  
 Float : 6901933 - Cycle : 101 - PI : Diarmuid O'Conchubhair - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2632-18EU038 - Date : 2022 2 23  
 Float : 6901935 - Cycle : 54 - PI : Conall O'Malley - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-18EU032 - Date : 2022 2 24  
 Float : 6903725 - Cycle : 49 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8589 - Date : 2022 2 16  
 Float : 6903727 - Cycle : 1 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2020 12 28  
 Float : 6903727 - Cycle : 2 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2021 1 2  
 Float : 6903727 - Cycle : 3 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2021 1 7  
 Float : 6903727 - Cycle : 6 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2021 1 22  
 Float : 6903727 - Cycle : 7 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2021 1 27  
 Float : 6903727 - Cycle : 13 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2021 2 26  
 Float : 6903727 - Cycle : 21 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2021 4 7  
 Float : 6903727 - Cycle : 25 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2021 4 27  
 Float : 6903727 - Cycle : 27 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2021 5 7  
 Float : 6903727 - Cycle : 31 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2021 5 27  
 Float : 6903727 - Cycle : 33 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2021 6 6  
 Float : 6903727 - Cycle : 35 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2021 6 16  
 Float : 6903727 - Cycle : 43 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2021 7 26  
 Float : 6903727 - Cycle : 47 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2021 8 15

Float : 6903727 - Cycle : 49 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2021 8 25  
 Float : 6903727 - Cycle : 51 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2021 9 4  
 Float : 6903727 - Cycle : 53 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2021 9 14  
 Float : 6903727 - Cycle : 55 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2021 9 24  
 Float : 6903753 - Cycle : 43 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2022 2 2  
 Float : 6903753 - Cycle : 44 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2022 2 11  
 Float : 6903753 - Cycle : 45 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2022 2 20

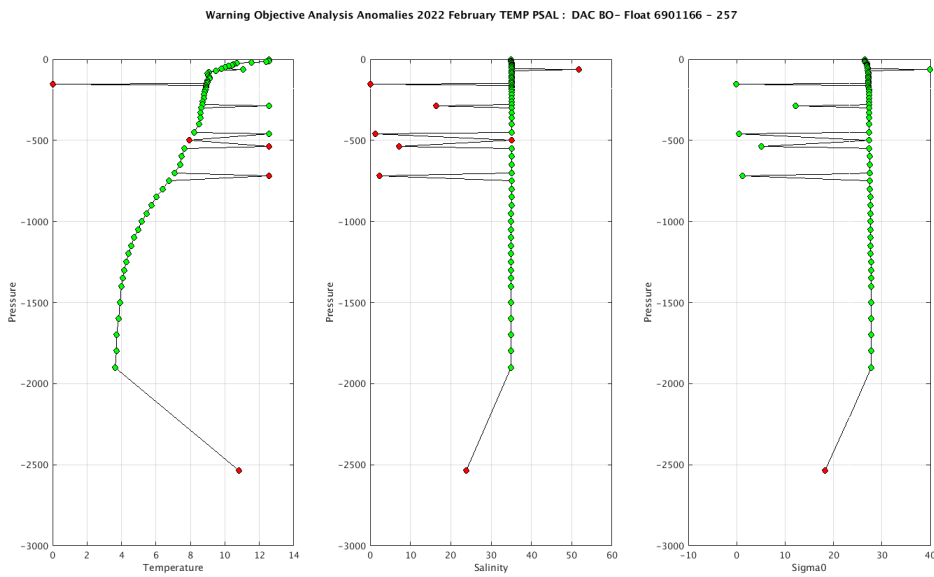
**Files data mode='D'**

Float : 6901935 - Cycle : 52 - PI : Conall O'Malley - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-18EU032 - Date : 2022 2 4  
 Float : 6901935 - Cycle : 53 - PI : Conall O'Malley - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-18EU032 - Date : 2022 2 14



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,

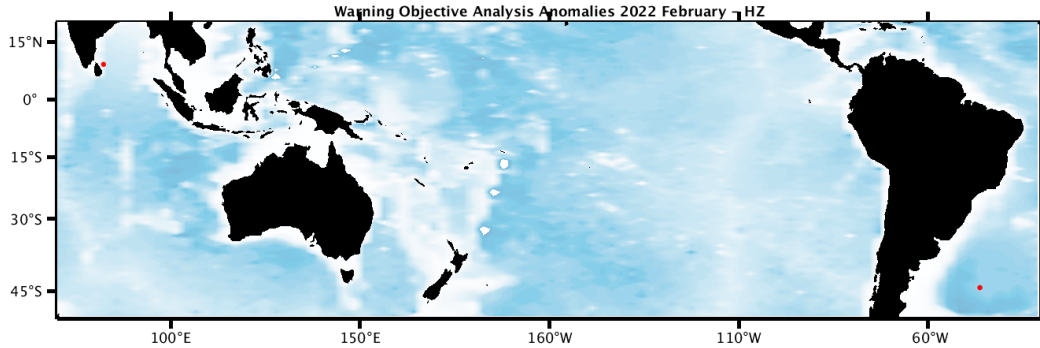
- Mix between RT and DM files: Float 6901181 ex below DM files till cycle 367 but a lot of old cycle in RT (1D, 2D, 3, 3D, 4, ....)

<a href="#">D6901181_352.nc</a>	17-May-2019 16:39 243K
<a href="#">D6901181_353.nc</a>	17-May-2019 16:39 255K
<a href="#">D6901181_354.nc</a>	17-May-2019 16:39 256K
<a href="#">D6901181_355.nc</a>	17-May-2019 16:39 278K
<a href="#">D6901181_356.nc</a>	17-May-2019 16:39 238K
<a href="#">D6901181_357.nc</a>	17-May-2019 16:39 237K
<a href="#">D6901181_358.nc</a>	17-May-2019 16:39 244K
<a href="#">D6901181_359.nc</a>	17-May-2019 16:39 303K
<a href="#">D6901181_360.nc</a>	17-May-2019 16:39 260K
<a href="#">D6901181_361.nc</a>	17-May-2019 16:39 252K
<a href="#">D6901181_362.nc</a>	17-May-2019 16:39 250K
<a href="#">D6901181_363.nc</a>	17-May-2019 16:39 259K
<a href="#">D6901181_364.nc</a>	17-May-2019 16:39 230K
<a href="#">D6901181_365.nc</a>	17-May-2019 16:39 257K
<a href="#">D6901181_366.nc</a>	17-May-2019 16:39 230K
<a href="#">D6901181_367.nc</a>	17-May-2019 16:39 240K
<a href="#">R6901181_001D.nc</a>	06-Jun-2021 22:32 28K
<a href="#">R6901181_002D.nc</a>	06-Jun-2021 22:32 94K
<a href="#">R6901181_003.nc</a>	06-Jun-2021 22:32 87K
<a href="#">R6901181_003D.nc</a>	06-Jun-2021 22:32 72K
<a href="#">R6901181_004.nc</a>	06-Jun-2021 22:32 84K
<a href="#">R6901181_004D.nc</a>	06-Jun-2021 22:32 98K
<a href="#">R6901181_005D.nc</a>	06-Jun-2021 22:32 96K
<a href="#">R6901181_006D.nc</a>	06-Jun-2021 22:32 267K
<a href="#">R6901181_007D.nc</a>	06-Jun-2021 22:33 189K
<a href="#">R6901181_008.nc</a>	06-Jun-2021 22:33 82K
<a href="#">R6901181_008D.nc</a>	06-Jun-2021 22:33 122K
<a href="#">R6901181_009D.nc</a>	06-Jun-2021 22:33 94K
<a href="#">R6901181_010.nc</a>	06-Jun-2021 22:33 77K
<a href="#">R6901181_010D.nc</a>	06-Jun-2021 22:33 325K
<a href="#">R6901181_011.nc</a>	06-Jun-2021 22:33 91K
<a href="#">R6901181_011D.nc</a>	06-Jun-2021 22:33 90K
<a href="#">R6901181_012.nc</a>	06-Jun-2021 22:33 87K
<a href="#">R6901181_012D.nc</a>	06-Jun-2021 22:33 111K
<a href="#">R6901181_013D.nc</a>	06-Jun-2021 22:33 104K
<a href="#">R6901181_014.nc</a>	06-Jun-2021 22:33 75K
<a href="#">R6901181_014D.nc</a>	06-Jun-2021 22:33 123K
<a href="#">R6901181_015D.nc</a>	06-Jun-2021 22:33 102K
<a href="#">R6901181_016.nc</a>	06-Jun-2021 22:33 71K
<a href="#">R6901181_016D.nc</a>	06-Jun-2021 22:33 156K

### 4.3. DAC CSIO

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

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



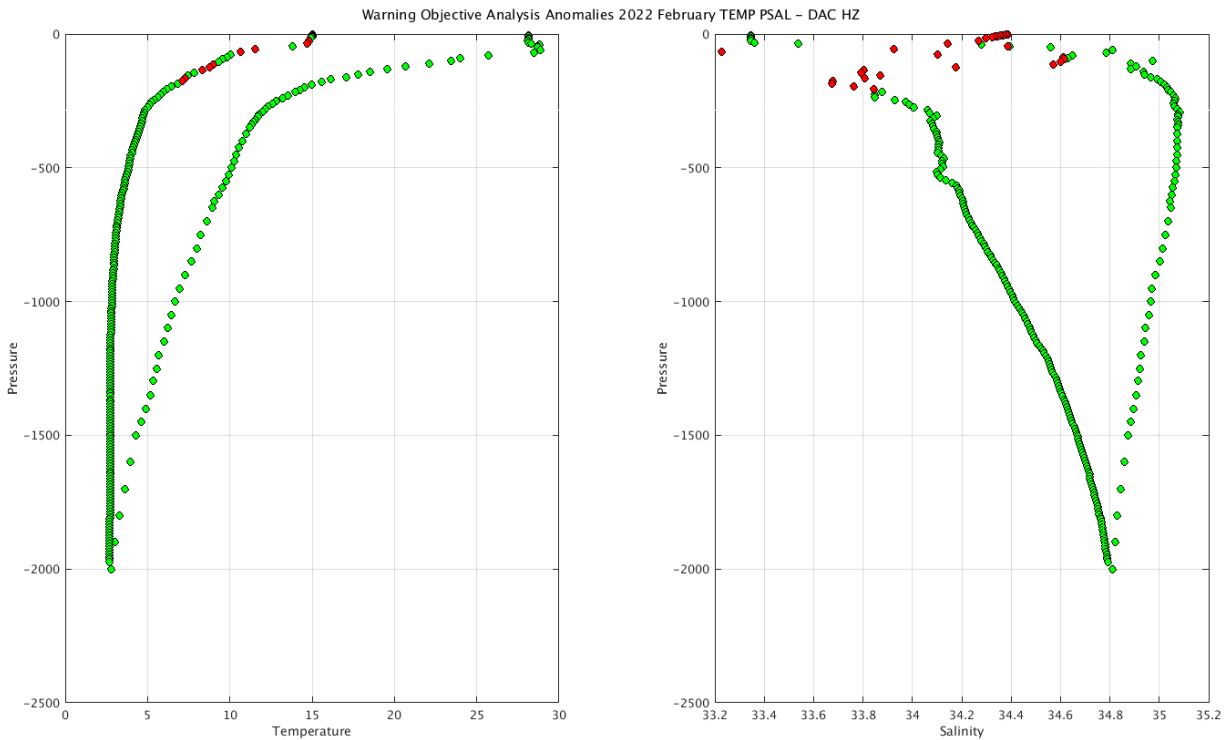
**Status of corrections:** No regular feedback, corrections seem done. Feedback for DM profiles.

Files data mode='R' / 'A'

Float : 2902680 - Cycle : 206 - PI : Weifang Jin - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7720 - Date : 2022 2 24

Float : 2902825 - Cycle : 6 - PI : YU ZHANG - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32826-18CH005 - Date : 2022 2 5

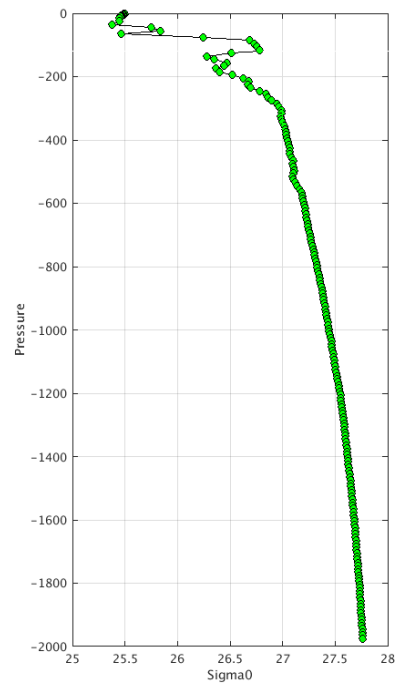
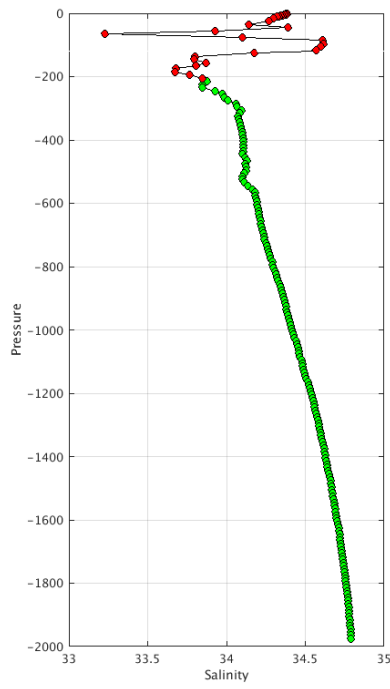
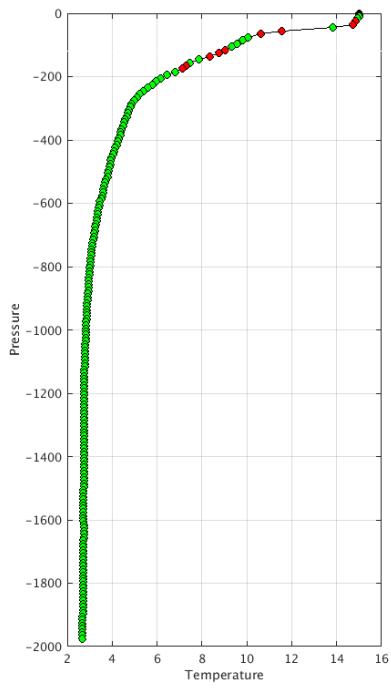
Files data mode='D'



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

Example of anomalies:

Warning Objective Analysis Anomalies 2022 February TEMP PSAL : DAC HZ- Float 2902825 - 6

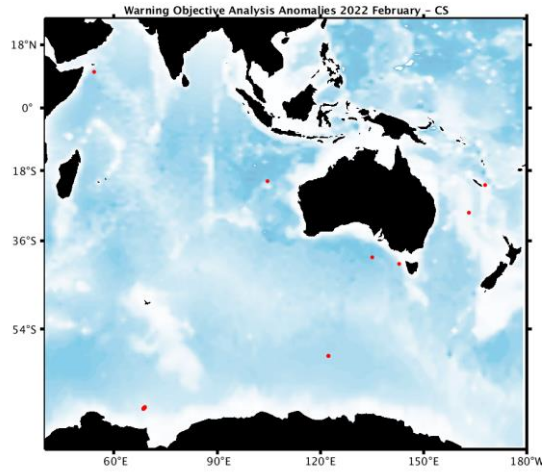




#### 4.4. DAC CSIRO

Profiles detected by the objective analysis: 15 profiles (8 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	14 cycles	1 cycle



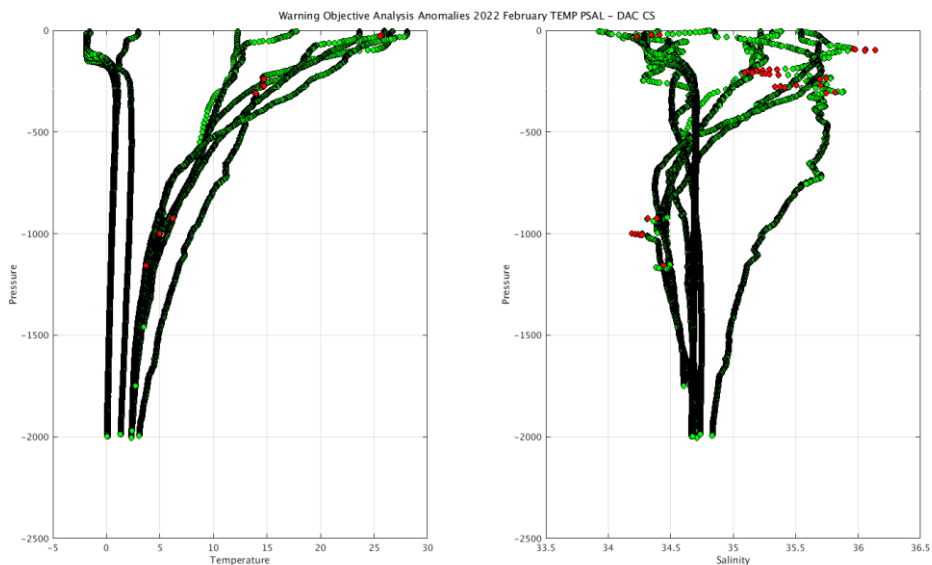
**Status of corrections:** Corrections done or in progress, regular feedback.

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

Float : 1901739 - Cycle : 159 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7033 - Date : 2022 2 1  
 Float : 5905402 - Cycle : 140 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 906 - Date : 2022 1 29  
 Float : 5905415 - Cycle : 122 - PI : Peter Oke - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : A12600-18AU002 - Date : 2022 2 5  
 Float : 5905437 - Cycle : 90 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1069 - Date : 2022 2 14  
 Float : 5905452 - Cycle : 71 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8845 - Date : 2021 12 25  
 Float : 5906648 - Cycle : 21 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1208 - Date : 2022 1 30  
 Float : 7900916 - Cycle : 23 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9032 - Date : 2021 10 6  
 Float : 7900916 - Cycle : 24 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9032 - Date : 2021 10 16  
 Float : 7900916 - Cycle : 25 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9032 - Date : 2021 10 26  
 Float : 7900916 - Cycle : 26 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9032 - Date : 2021 11 5  
 Float : 7900916 - Cycle : 27 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9032 - Date : 2021 11 15  
 Float : 7900916 - Cycle : 28 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9032 - Date : 2021 11 25  
 Float : 7900916 - Cycle : 29 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9032 - Date : 2021 12 4  
 Float : 7900916 - Cycle : 30 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9032 - Date : 2021 12 14

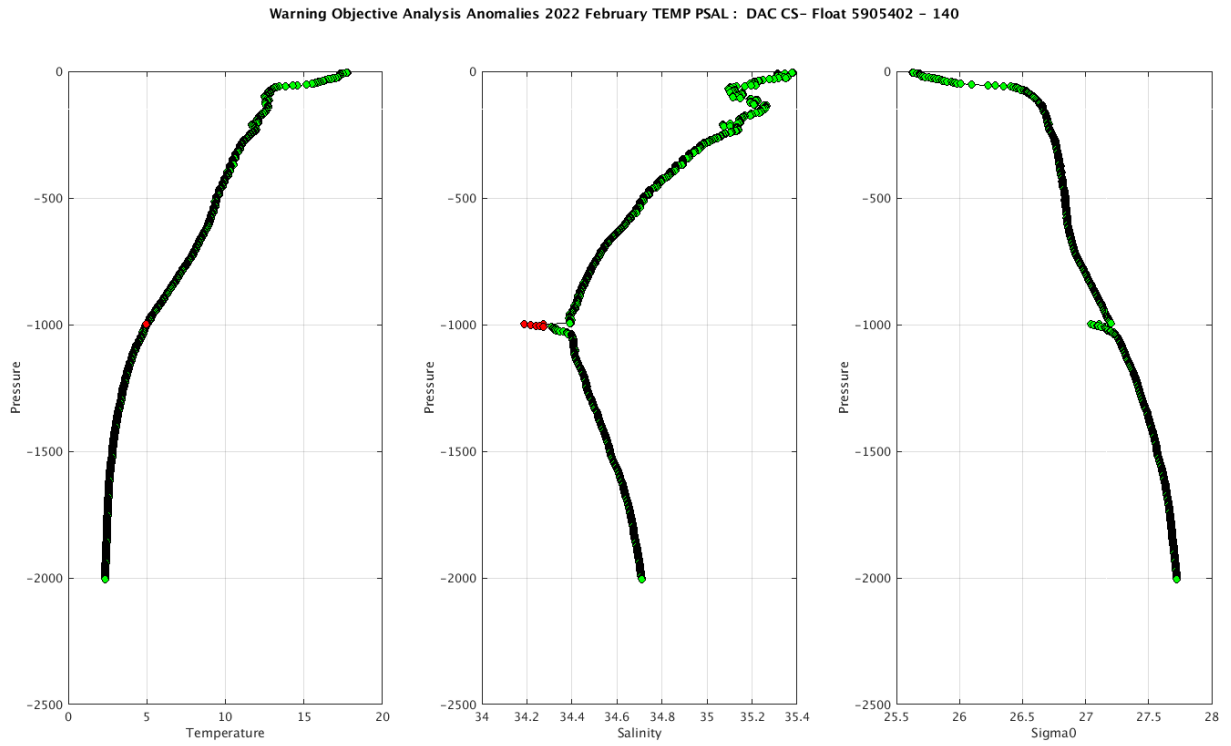
##### Files data\_mode='D'

Float : 5903678 - Cycle : 514 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5120 - Date : 2012 9 25



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

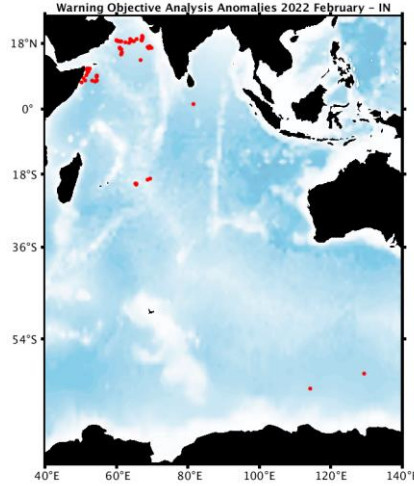
Example of anomalies:



#### 4.5. DAC INCOIS

Profiles detected by the objective analysis: 56 profiles (13 floats but floats can have several cycles with anomalies)

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



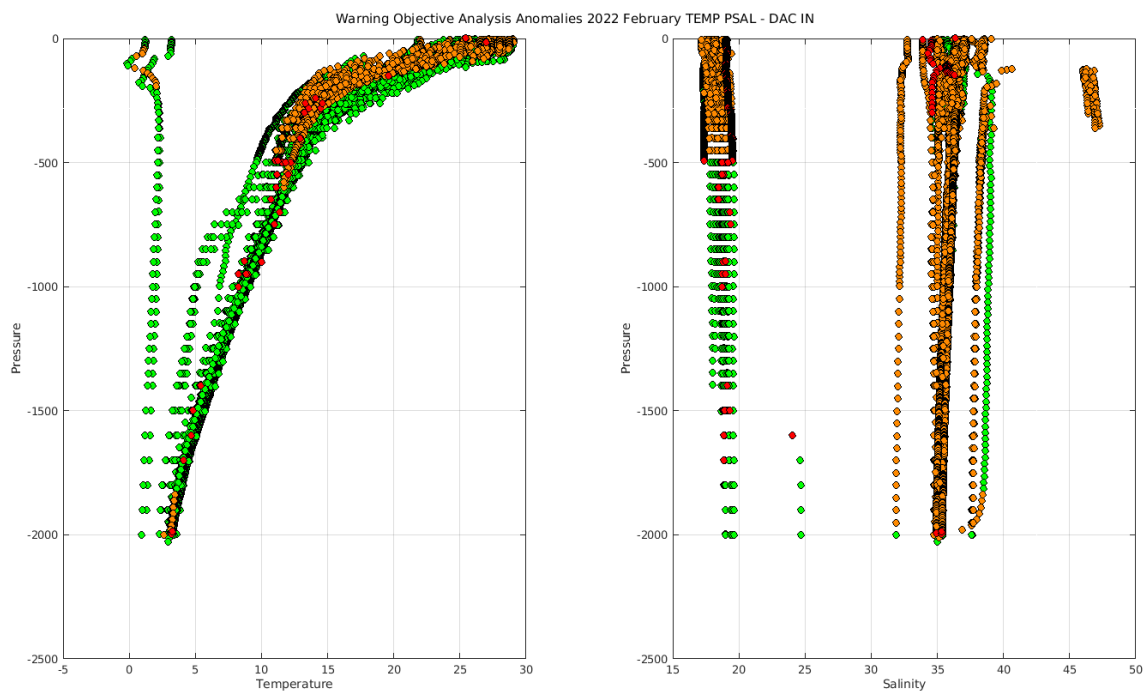
**Status of corrections: Corrections done or in progress, some feedbacks**

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

Float : 2902182 - Cycle : 235 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7524 - Date : 2022	1	28
Float : 2902184 - Cycle : 230 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2022	1	29
Float : 2902184 - Cycle : 232 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2022	2	18
Float : 2902185 - Cycle : 230 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2022	2	2
Float : 2902185 - Cycle : 231 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2022	2	12
Float : 2902185 - Cycle : 232 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2022	2	22
Float : 2902199 - Cycle : 254 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7552 - Date : 2021	9	6
Float : 2902201 - Cycle : 217 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2022	2	4
Float : 2902201 - Cycle : 218 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2022	2	14
Float : 2902205 - Cycle : 294 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2021	9	4
Float : 2902205 - Cycle : 296 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2021	9	24
Float : 2902205 - Cycle : 298 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2021	10	14
Float : 2902205 - Cycle : 300 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2021	11	3
Float : 2902205 - Cycle : 302 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2021	11	23
Float : 2902209 - Cycle : 184 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	8	30
Float : 2902209 - Cycle : 185 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	9	8
Float : 2902209 - Cycle : 186 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	9	18
Float : 2902209 - Cycle : 187 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	9	28
Float : 2902209 - Cycle : 188 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	10	8
Float : 2902209 - Cycle : 189 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	10	18
Float : 2902209 - Cycle : 190 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	10	27
Float : 2902209 - Cycle : 191 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	11	6
Float : 2902209 - Cycle : 192 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	11	16
Float : 2902209 - Cycle : 193 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	11	26
Float : 2902209 - Cycle : 194 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	12	6
Float : 2902209 - Cycle : 195 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	12	15
Float : 2902209 - Cycle : 196 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	12	25
Float : 2902209 - Cycle : 197 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022	1	4
Float : 2902209 - Cycle : 198 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022	1	14
Float : 2902209 - Cycle : 199 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022	1	23
Float : 2902209 - Cycle : 200 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022	2	2
Float : 2902209 - Cycle : 201 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022	2	12
Float : 2902209 - Cycle : 202 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022	2	22
Float : 2902210 - Cycle : 240 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7828 - Date : 2021	12	3
Float : 2902210 - Cycle : 242 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7828 - Date : 2021	12	23
Float : 2902210 - Cycle : 245 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7828 - Date : 2022	1	22
Float : 2902210 - Cycle : 246 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7828 - Date : 2022	2	1
Float : 2902210 - Cycle : 247 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7828 - Date : 2022	2	11
Float : 2902210 - Cycle : 248 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7828 - Date : 2022	2	21
Float : 2902211 - Cycle : 218 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021	9	3
Float : 2902211 - Cycle : 220 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021	9	24

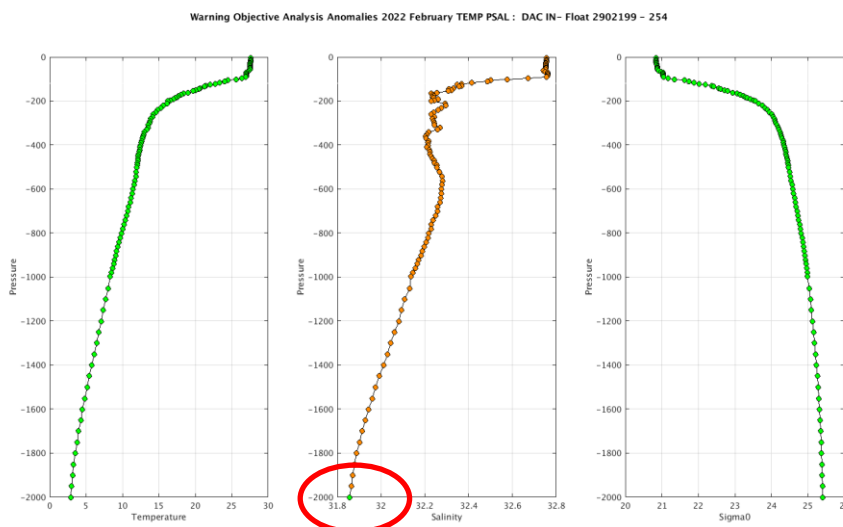
Float : 2902211 - Cycle : 222 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 10 14  
 Float : 2902211 - Cycle : 224 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 11 3  
 Float : 2902211 - Cycle : 226 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 11 23  
 Float : 2902211 - Cycle : 228 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 12 13  
 Float : 2902211 - Cycle : 230 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 1 2  
 Float : 2902211 - Cycle : 232 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 1 22  
 Float : 2902211 - Cycle : 233 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 2 1  
 Float : 2902211 - Cycle : 234 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 2 11  
 Float : 2902211 - Cycle : 235 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 2 21  
 Float : 2902222 - Cycle : 184 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2022 1 25  
 Float : 2902228 - Cycle : 180 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7529 - Date : 2022 1 12  
 Float : 2902267 - Cycle : 111 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2022 2 4  
 Float : 2902268 - Cycle : 110 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2022 1 26  
 Float : 2902268 - Cycle : 111 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2022 2 5  
 Float : 2902268 - Cycle : 112 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2022 2 15

Files data\_mode='D'

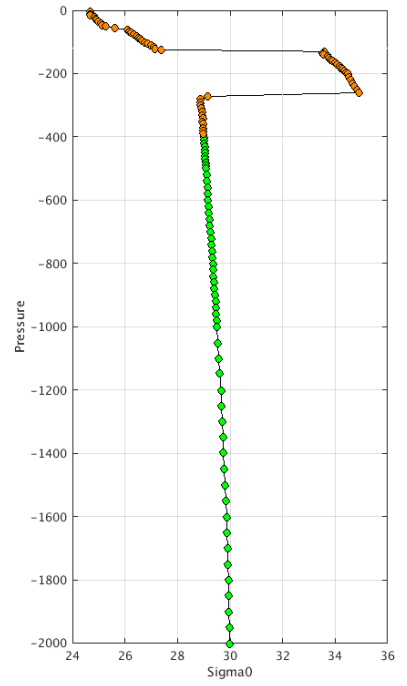
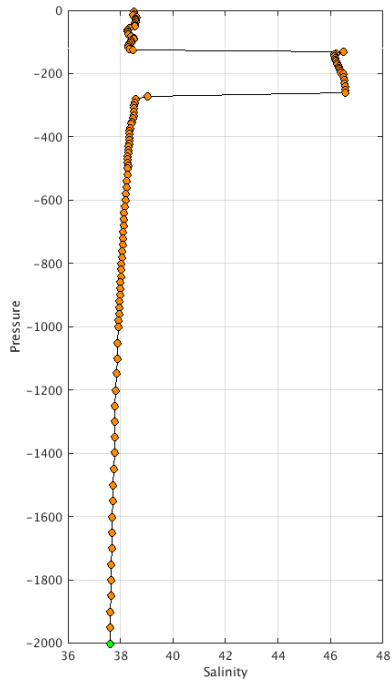
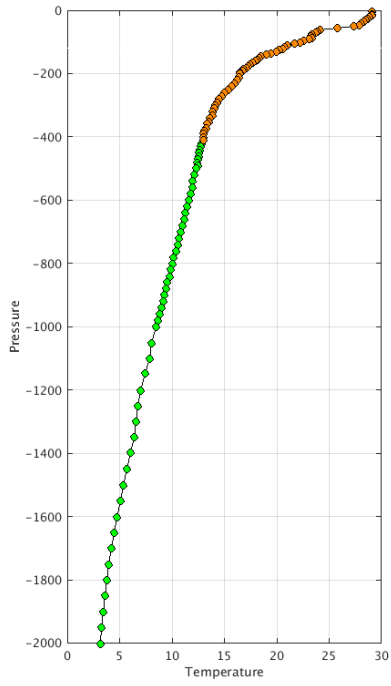


The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/incois/>

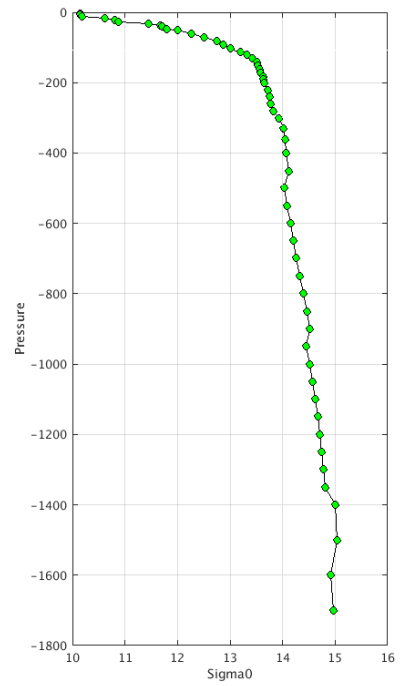
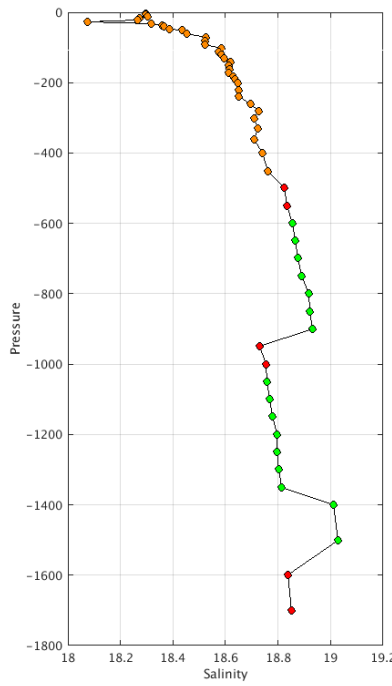
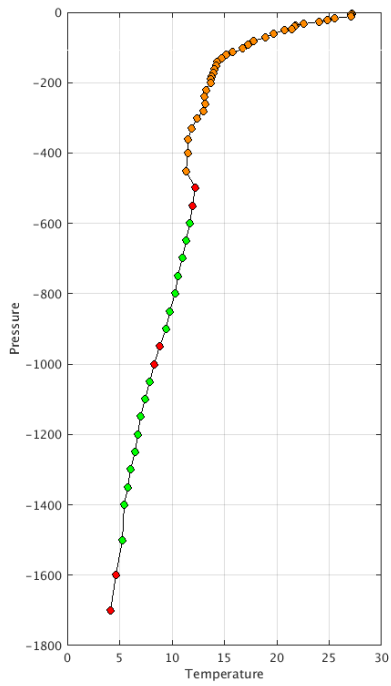
Example of anomalies:



Warning Objective Analysis Anomalies 2022 February TEMP PSAL : DAC IN- Float 2902205 - 298



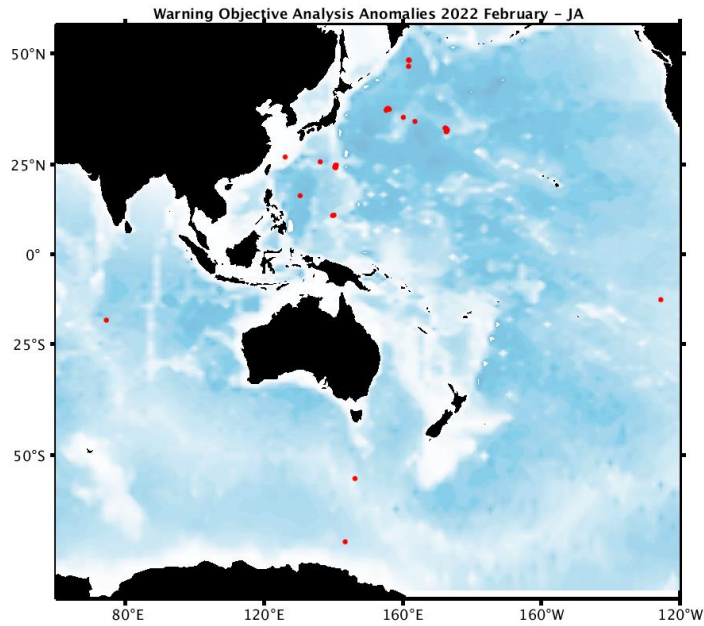
Warning Objective Analysis Anomalies 2022 February TEMP PSAL : DAC IN- Float 2902209 - 192



#### 4.6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 32 profiles (13 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
14 cycles	17 cycles	1 cycle



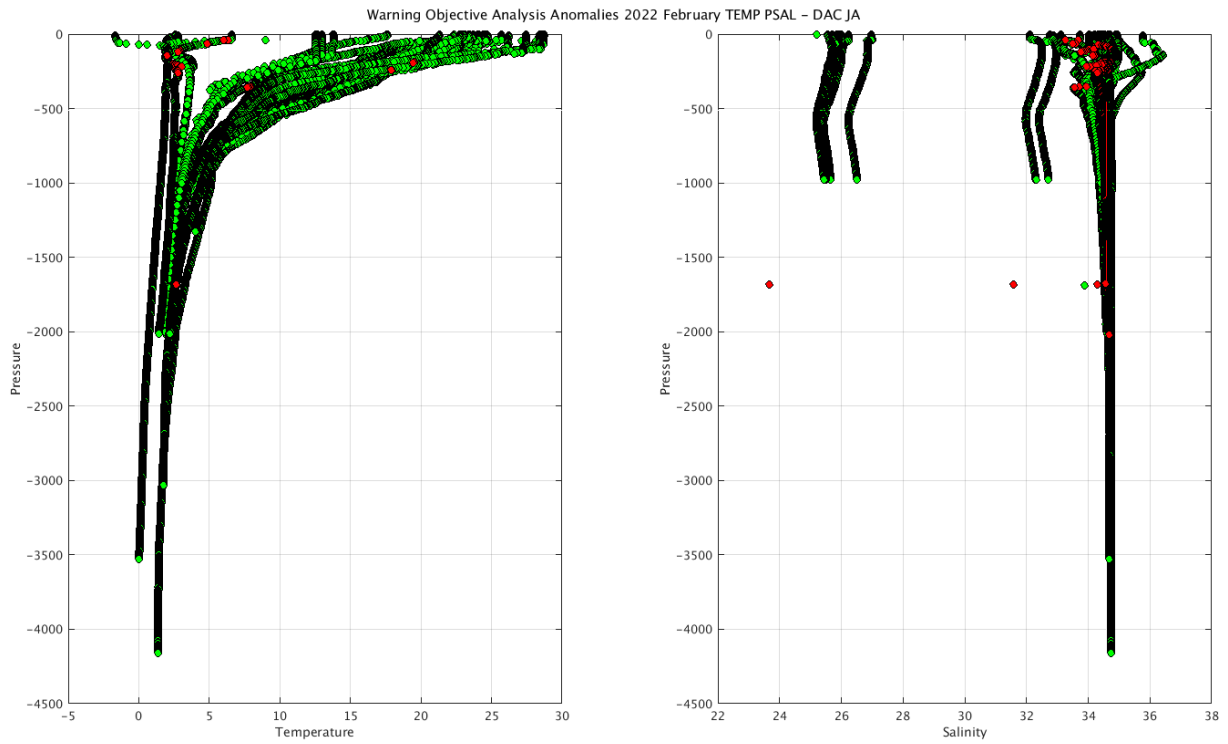
#### Status of corrections: Correction in progress, feedbacks each month

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

Float : 1902333 - Cycle : 122 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 45 - Date : 2022 2 23  
 Float : 2903394 - Cycle : 84 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0951 - Date : 2020 5 27  
 Float : 2903394 - Cycle : 110 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0951 - Date : 2020 10 4  
 Float : 2903394 - Cycle : 111 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0951 - Date : 2020 10 9  
 Float : 2903394 - Cycle : 112 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0951 - Date : 2020 10 14  
 Float : 2903394 - Cycle : 113 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0951 - Date : 2020 10 19  
 Float : 2903394 - Cycle : 114 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0951 - Date : 2020 10 24  
 Float : 2903394 - Cycle : 115 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0951 - Date : 2020 10 29  
 Float : 2903394 - Cycle : 116 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0951 - Date : 2020 11 3  
 Float : 2903394 - Cycle : 117 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0951 - Date : 2020 11 8  
 Float : 2903394 - Cycle : 118 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0951 - Date : 2020 11 13  
 Float : 2903615 - Cycle : 127 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9014 - Date : 2022 2 6  
 Float : 2903631 - Cycle : 264 - PI : Yoichi Tanimoto - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8901 - Date : 2021 8 19  
 Float : 2903644 - Cycle : 83 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-19JP024 - Date : 2022 1 31  
 Float : 2903644 - Cycle : 84 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-19JP024 - Date : 2022 2 5  
 Float : 2903644 - Cycle : 85 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-19JP024 - Date : 2022 2 10  
 Float : 2903644 - Cycle : 86 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-19JP024 - Date : 2022 2 15  
 Float : 2903644 - Cycle : 87 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-19JP024 - Date : 2022 2 20  
 Float : 2903661 - Cycle : 250 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9191 - Date : 2022 1 28  
 Float : 2903669 - Cycle : 56 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0957 - Date : 2021 9 26  
 Float : 2903669 - Cycle : 84 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0957 - Date : 2022 2 13  
 Float : 2903669 - Cycle : 85 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0957 - Date : 2022 2 18  
 Float : 2903673 - Cycle : 74 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-20JP001 - Date : 2022 1 23  
 Float : 2903673 - Cycle : 75 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-20JP001 - Date : 2022 1 28  
 Float : 2903673 - Cycle : 76 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-20JP001 - Date : 2022 2 2  
 Float : 2903673 - Cycle : 77 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-20JP001 - Date : 2022 2 7  
 Float : 5905845 - Cycle : 72 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8603 - Date : 2022 2 3  
 Float : 5905845 - Cycle : 73 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8603 - Date : 2022 2 13  
 Float : 5905869 - Cycle : 299 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9192 - Date : 2022 2 17  
 Float : 5905882 - Cycle : 75 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8604 - Date : 2022 2 6  
 Float : 7900868 - Cycle : 84 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 38 - Date : 2021 7 8

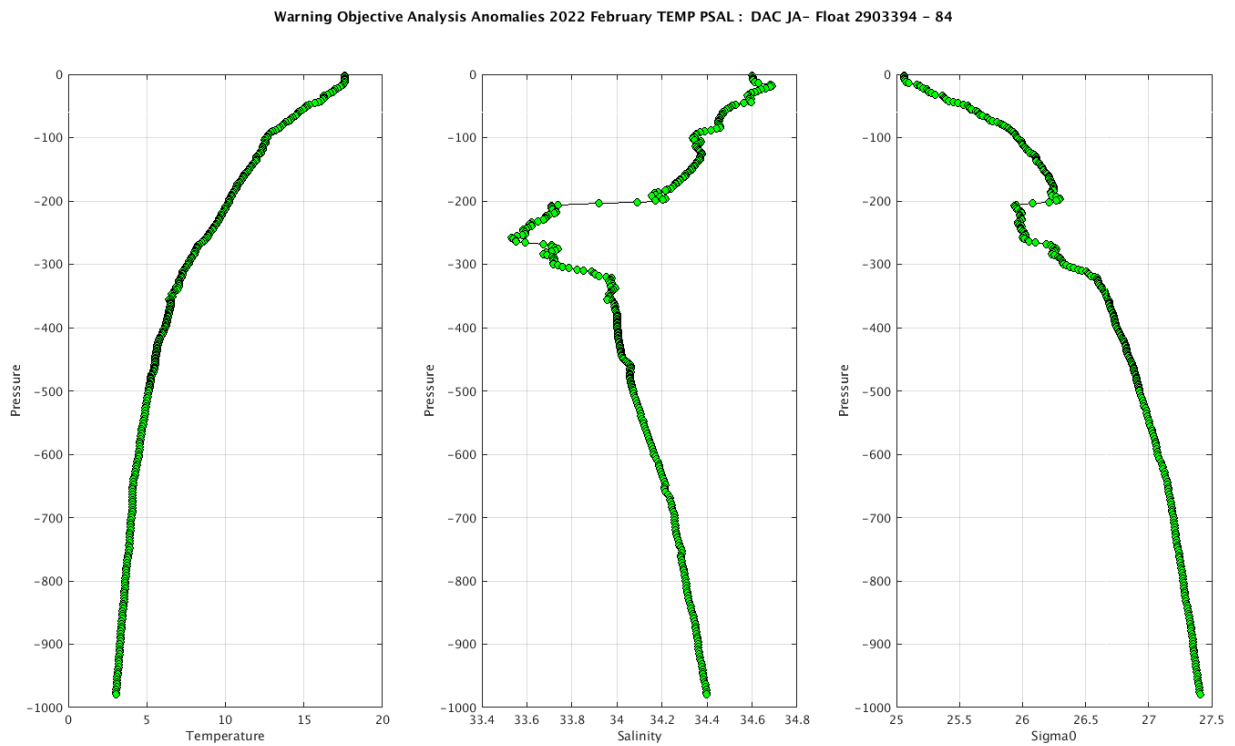
##### Files data\_mode='D'

Float : 5905843 - Cycle : 9 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 42 - Date : 2020 7 24



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

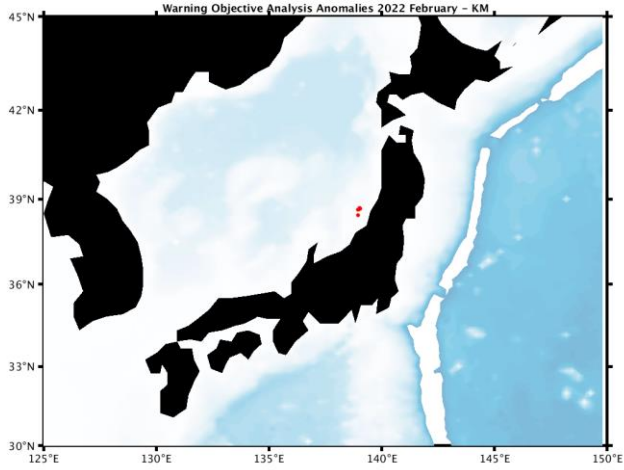
Example of anomalies:



4.7. DAC KMA

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

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

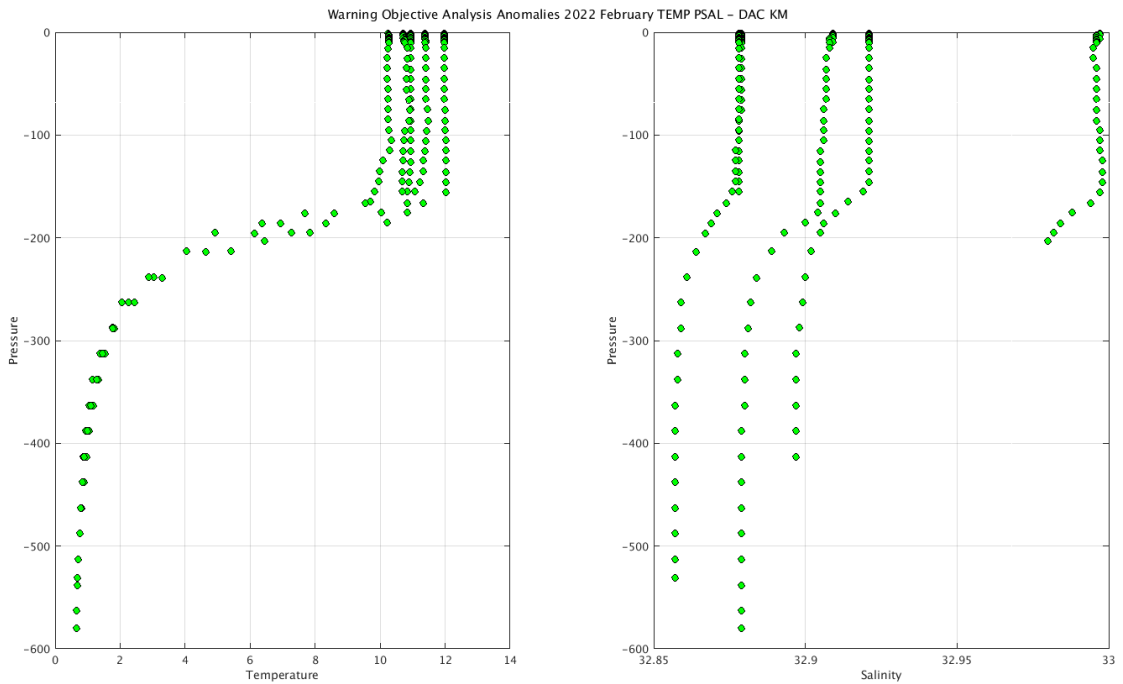


**Status of corrections: No feedback.**

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

- Float : 2901792 - Cycle : 116 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 1 22
- Float : 2901792 - Cycle : 117 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 1 29
- Float : 2901792 - Cycle : 118 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 2 5
- Float : 2901792 - Cycle : 119 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 2 12
- Float : 2901792 - Cycle : 120 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 2 19

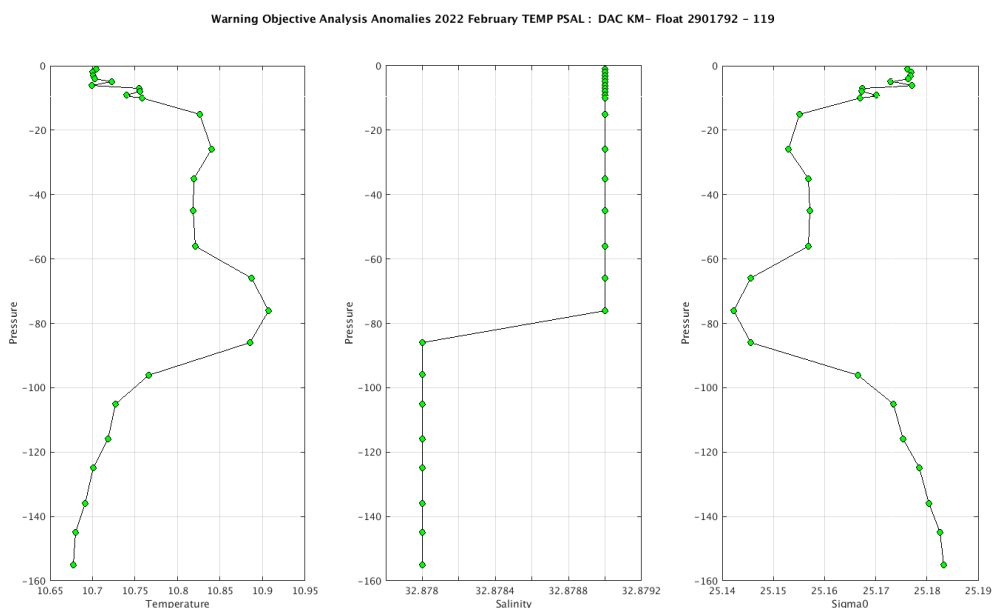
Files data\_mode='D'





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

Example of anomalies:



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

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

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

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

ex float 2901233 cycle 53 : QC ok = 4 but take care can come 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

#### 4.8. 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'

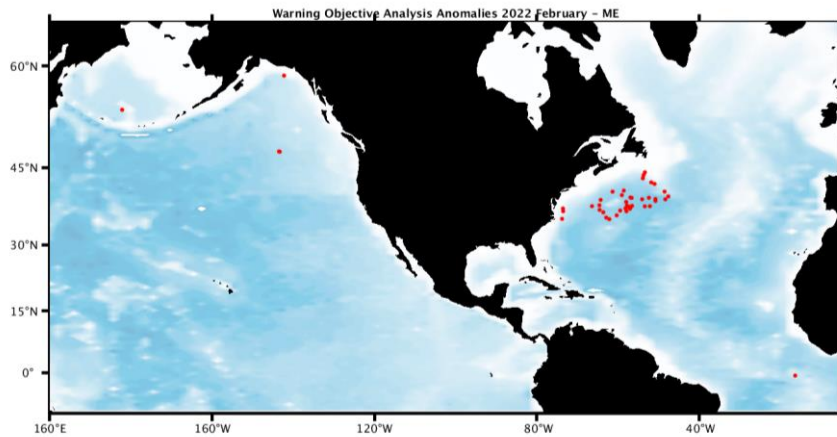
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/kordi/>

Example of anomalies:

#### 4.9. DAC MEDS

Profiles detected by the objective analysis: 44 profiles (98 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
7 cycles	4 cycles	33 cycles



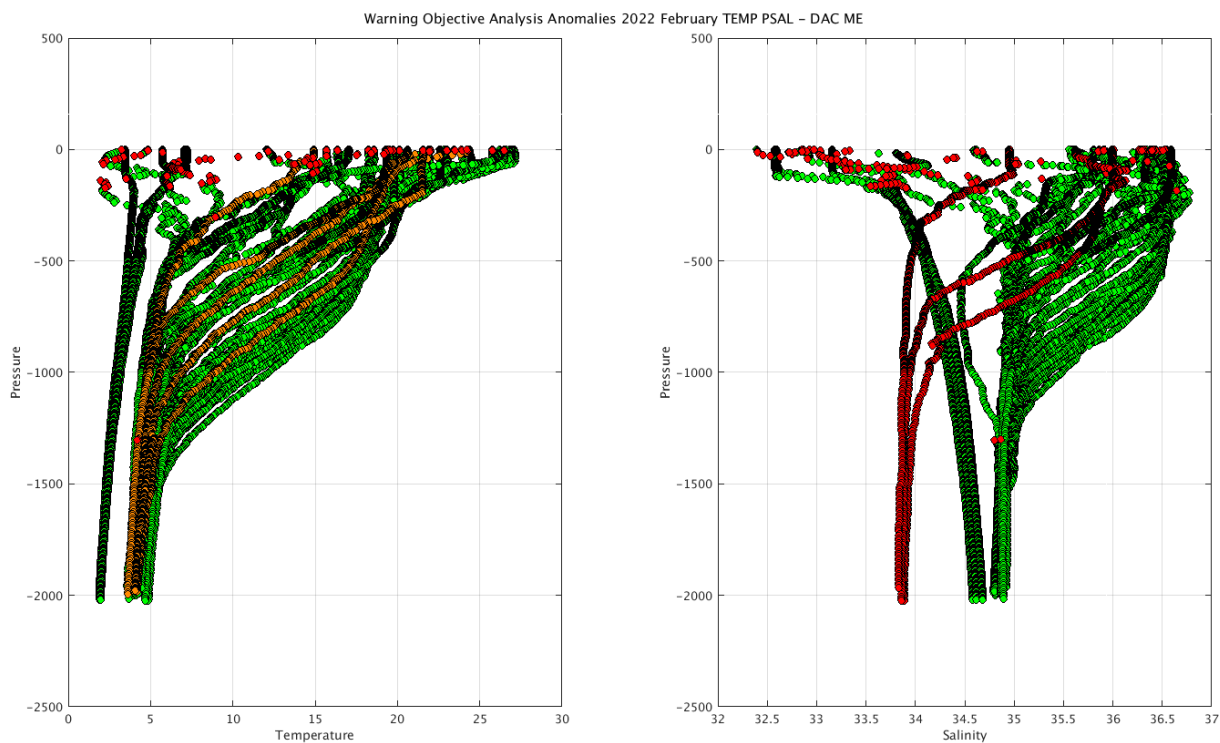
**Status of corrections: In progress.**

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

Float : 4901766 - Cycle : 217 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 123 - Date : 2020 1 30  
 Float : 4902459 - Cycle : 131 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 595 - Date : 2022 2 11  
 Float : 4902462 - Cycle : 109 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2022 2 6  
 Float : 4902462 - Cycle : 110 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2022 2 16  
 Float : 4902470 - Cycle : 102 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2022 2 1  
 Float : 4902470 - Cycle : 103 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2022 2 11  
 Float : 4902470 - Cycle : 104 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2022 2 21  
 Float : 4902562 - Cycle : 3 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA03 - Date : 2022 1 30  
 Float : 4902573 - Cycle : 5 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA14 - Date : 2022 1 28  
 Float : 4902573 - Cycle : 6 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA14 - Date : 2022 2 7  
 Float : 4902573 - Cycle : 7 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA14 - Date : 2022 2 17

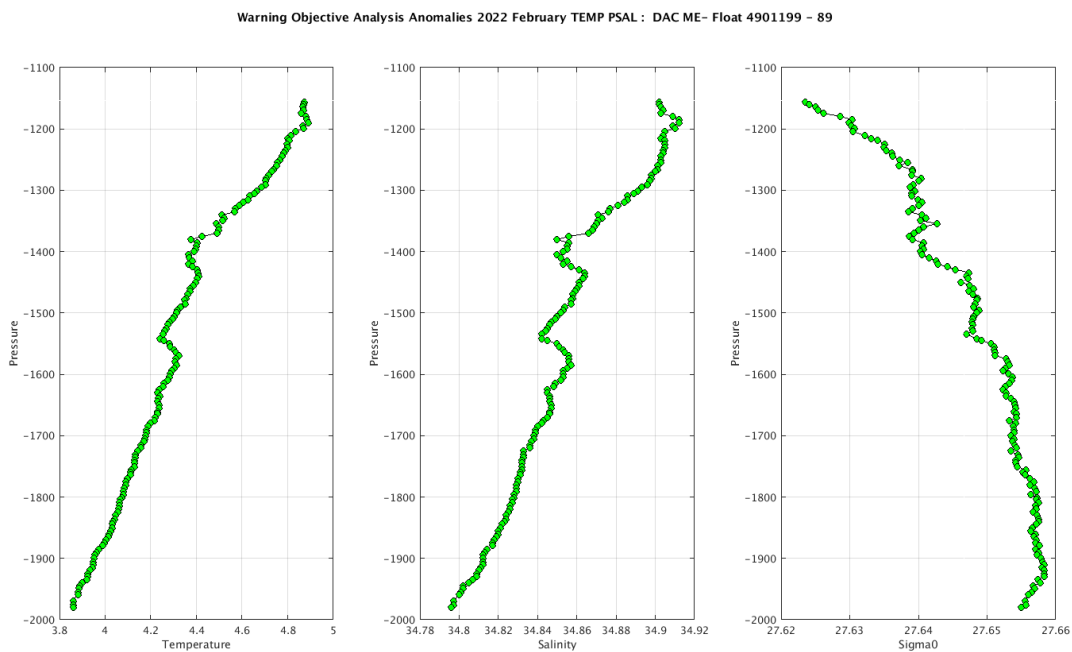
##### Files data\_mode='D'

Float : 4901199 - Cycle : 56 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 4 21  
 Float : 4901199 - Cycle : 57 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 4 30  
 Float : 4901199 - Cycle : 58 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 5 10  
 Float : 4901199 - Cycle : 59 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 5 20  
 Float : 4901199 - Cycle : 60 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 5 30  
 Float : 4901199 - Cycle : 61 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 6 9  
 Float : 4901199 - Cycle : 62 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 6 19  
 Float : 4901199 - Cycle : 63 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 6 29  
 Float : 4901199 - Cycle : 64 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 7 9  
 Float : 4901199 - Cycle : 65 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 7 19  
 Float : 4901199 - Cycle : 66 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 7 29  
 Float : 4901199 - Cycle : 67 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 8 8  
 Float : 4901199 - Cycle : 68 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 8 18  
 Float : 4901199 - Cycle : 70 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 9 7  
 Float : 4901199 - Cycle : 71 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 9 17  
 Float : 4901199 - Cycle : 72 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 9 27  
 Float : 4901199 - Cycle : 76 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 11 6  
 Float : 4901199 - Cycle : 77 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 11 16  
 Float : 4901199 - Cycle : 78 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 11 26  
 Float : 4901199 - Cycle : 79 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 12 6  
 Float : 4901199 - Cycle : 81 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 12 26  
 Float : 4901199 - Cycle : 83 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2015 1 15  
 Float : 4901199 - Cycle : 84 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2015 1 25  
 Float : 4901199 - Cycle : 85 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2015 2 4  
 Float : 4901199 - Cycle : 86 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2015 2 14  
 Float : 4901199 - Cycle : 87 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2015 2 24  
 Float : 4901199 - Cycle : 88 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2015 3 6  
 Float : 4901199 - Cycle : 89 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2015 3 16  
 Float : 4901199 - Cycle : 93 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2015 4 25  
 Float : 4901199 - Cycle : 94 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2015 5 5  
 Float : 4901199 - Cycle : 105 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2015 8 23



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

Example of anomalies:







## 5. Synthetic profiles

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

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

## 6. 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
```

## 7. 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

## 7.1. 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 : 8103**

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

## 7.2. 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 : 806

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  
File : 1901904\_meta.nc - 1901904\_prof.nc - 1901904\_tech.nc -

1901906 - Existing NetCDF files  
File : 1901906\_meta.nc - 1901906\_prof.nc - 1901906\_tech.nc -

1901907 - Existing NetCDF files  
File : 1901907\_meta.nc - 1901907\_prof.nc - 1901907\_tech.nc -

1901909 - Existing NetCDF files  
File : 1901909\_meta.nc - 1901909\_prof.nc - 1901909\_tech.nc -

1901910 - Existing NetCDF files  
File : 1901910\_meta.nc - 1901910\_prof.nc - 1901910\_tech.nc -

1901911 - Existing NetCDF files  
File : 1901911\_meta.nc - 1901911\_prof.nc - 1901911\_tech.nc -

1901912 - Existing NetCDF files  
File : 1901912\_meta.nc - 1901912\_prof.nc - 1901912\_tech.nc -

1901914 - Existing NetCDF files  
File : 1901914\_meta.nc - 1901914\_prof.nc - 1901914\_tech.nc -

1901915 - Existing NetCDF files  
File : 1901915\_meta.nc - 1901915\_prof.nc - 1901915\_tech.nc -

1901916 - Existing NetCDF files  
File : 1901916\_meta.nc - 1901916\_prof.nc - 1901916\_tech.nc -

1901917 - Existing NetCDF files  
File : 1901917\_meta.nc - 1901917\_prof.nc - 1901917\_tech.nc -

1901920 - Existing NetCDF files  
File : 1901920\_meta.nc - 1901920\_prof.nc - 1901920\_tech.nc -

1901921 - Existing NetCDF files  
File : 1901921\_meta.nc - 1901921\_prof.nc - 1901921\_tech.nc -

1901922 - Existing NetCDF files  
File : 1901922\_meta.nc - 1901922\_prof.nc - 1901922\_tech.nc -

1901923 - Existing NetCDF files  
File : 1901923\_meta.nc - 1901923\_prof.nc - 1901923\_tech.nc -

1901924 - Existing NetCDF files  
File : 1901924\_meta.nc - 1901924\_prof.nc - 1901924\_tech.nc -

1901925 - Existing NetCDF files  
File : 1901925\_meta.nc - 1901925\_prof.nc - 1901925\_tech.nc -

1901926 - Existing NetCDF files  
File : 1901926\_meta.nc - 1901926\_prof.nc - 1901926\_tech.nc -

1901927 - Existing NetCDF files  
File : 1901927\_meta.nc - 1901927\_prof.nc - 1901927\_tech.nc -

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

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

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

1901933 - Existing NetCDF files  
File : 1901933\_meta.nc - 1901933\_prof.nc - 1901933\_tech.nc -

1902079 - Existing NetCDF files  
File : 1902079\_meta.nc - 1902079\_prof.nc - 1902079\_tech.nc -

1902080 - Existing NetCDF files  
File : 1902080\_meta.nc - 1902080\_prof.nc - 1902080\_tech.nc -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

3901491 - Existing NetCDF files  
File : 3901491\_meta.nc - 3901491\_prof.nc - 3901491\_tech.nc -

3901492 - Existing NetCDF files  
File : 3901492\_meta.nc - 3901492\_prof.nc - 3901492\_tech.nc -

3901493 - Existing NetCDF files  
File : 3901493\_meta.nc - 3901493\_prof.nc - 3901493\_tech.nc -

3901494 - Existing NetCDF files  
File : 3901494\_meta.nc - 3901494\_prof.nc - 3901494\_tech.nc -

3901495 - Existing NetCDF files  
File : 3901495\_meta.nc - 3901495\_prof.nc - 3901495\_tech.nc -

3901499 - Existing NetCDF files  
File : 3901499\_meta.nc - 3901499\_prof.nc - 3901499\_tech.nc -

3901500 - Existing NetCDF files  
File : 3901500\_meta.nc - 3901500\_prof.nc - 3901500\_tech.nc -

3901501 - Existing NetCDF files  
File : 3901501\_meta.nc - 3901501\_prof.nc - 3901501\_tech.nc -

3901502 - Existing NetCDF files  
File : 3901502\_meta.nc - 3901502\_prof.nc - 3901502\_tech.nc -

3901503 - Existing NetCDF files  
File : 3901503\_meta.nc - 3901503\_prof.nc - 3901503\_tech.nc -

3901504 - Existing NetCDF files  
File : 3901504\_meta.nc - 3901504\_prof.nc - 3901504\_tech.nc -

3901505 - Existing NetCDF files  
File : 3901505\_meta.nc - 3901505\_prof.nc - 3901505\_tech.nc -

3901506 - Existing NetCDF files  
File : 3901506\_meta.nc - 3901506\_prof.nc - 3901506\_tech.nc -

3901507 - Existing NetCDF files  
File : 3901507\_meta.nc - 3901507\_prof.nc - 3901507\_tech.nc -

3901508 - Existing NetCDF files  
File : 3901508\_meta.nc - 3901508\_prof.nc - 3901508\_tech.nc -

3901509 - Existing NetCDF files  
File : 3901509\_meta.nc - 3901509\_prof.nc - 3901509\_tech.nc -

3901510 - Existing NetCDF files  
File : 3901510\_meta.nc - 3901510\_prof.nc - 3901510\_tech.nc -

3901511 - Existing NetCDF files  
File : 3901511\_meta.nc - 3901511\_prof.nc - 3901511\_tech.nc -

3901512 - Existing NetCDF files  
File : 3901512\_meta.nc - 3901512\_prof.nc - 3901512\_tech.nc -

3901513 - Existing NetCDF files  
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3901514 - Existing NetCDF files  
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3901515 - Existing NetCDF files  
File : 3901515\_meta.nc - 3901515\_prof.nc - 3901515\_tech.nc -

3901516 - Existing NetCDF files  
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3901517 - Existing NetCDF files  
File : 3901517\_meta.nc - 3901517\_prof.nc - 3901517\_tech.nc -

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

6901159 - Existing NetCDF files  
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6901160 - Existing NetCDF files  
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6901161 - Existing NetCDF files  
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6901162 - Existing NetCDF files  
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6901163 - Existing NetCDF files  
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6901164 - Existing NetCDF files  
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6901165 - Existing NetCDF files  
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6901166 - Existing NetCDF files  
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6901167 - Existing NetCDF files  
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6901168 - Existing NetCDF files  
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6901169 - Existing NetCDF files  
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6901170 - Existing NetCDF files  
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6901171 - Existing NetCDF files

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6901172 - Existing NetCDF files  
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6901173 - Existing NetCDF files  
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6901176 - Existing NetCDF files  
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6901177 - Existing NetCDF files  
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6901178 - Existing NetCDF files  
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6901179 - Existing NetCDF files  
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6901184 - Existing NetCDF files  
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6901185 - Existing NetCDF files  
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6901188 - Existing NetCDF files  
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6901189 - Existing NetCDF files  
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6901190 - Existing NetCDF files  
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6901191 - Existing NetCDF files  
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6901192 - Existing NetCDF files  
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6901193 - Existing NetCDF files  
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6901194 - Existing NetCDF files  
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6901195 - Existing NetCDF files  
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6901197 - Existing NetCDF files  
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6901198 - Existing NetCDF files  
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6901199 - Existing NetCDF files  
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6901200 - Existing NetCDF files  
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  
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6901208 - Existing NetCDF files  
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6901211 - Existing NetCDF files  
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6901212 - Existing NetCDF files  
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6901213 - Existing NetCDF files  
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6901214 - Existing NetCDF files  
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6901215 - Existing NetCDF files  
File : 6901215\_meta.nc - 6901215\_prof.nc - 6901215\_tech.nc -

6901919 - Existing NetCDF files  
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6901920 - Existing NetCDF files  
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6901921 - Existing NetCDF files  
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6901922 - Existing NetCDF files  
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6901923 - Existing NetCDF files  
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6901924 - Existing NetCDF files  
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 -

### 7.3. 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 : 3356

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

## 7.4. 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 : 520

## 7.5. 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 : 1057**

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.nc7900913\_prof.nc7900913\_tech.nc

7900919 - Existing NetCDF files

File : 7900919\_meta.nc7900919\_prof.nc7900919\_tech.nc

## 7.6. 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 -



- 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 : 1858**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2903166 - Existing NetCDF files  
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2903167 - Existing NetCDF files  
File : 2903167\_Sprof.nc - 2903167\_meta.nc - 2903167\_prof.nc -

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  
File : 2903210\_Sprof.nc - 2903210\_meta.nc - 2903210\_prof.nc -

2903211 - Existing NetCDF files  
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2903212 - Existing NetCDF files  
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2903213 - Existing NetCDF files  
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2903327 - Existing NetCDF files  
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2903329 - Existing NetCDF files  
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2903330 - Existing NetCDF files  
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2903346 - Existing NetCDF files  
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2903347 - Existing NetCDF files  
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2903348 - Existing NetCDF files  
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2903350 - Existing NetCDF files  
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2903351 - Existing NetCDF files  
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2903353 - Existing NetCDF files  
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2903354 - Existing NetCDF files  
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2903356 - Existing NetCDF files  
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2903374 - Existing NetCDF files  
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2903389 - Existing NetCDF files  
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2903391 - Existing NetCDF files  
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2903393 - Existing NetCDF files  
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2903394 - Existing NetCDF files  
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2903395 - Existing NetCDF files  
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2903396 - Existing NetCDF files  
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2903397 - Existing NetCDF files  
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2903398 - Existing NetCDF files  
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2903399 - Existing NetCDF files  
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2903400 - Existing NetCDF files  
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2903401 - Existing NetCDF files  
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2903402 - Existing NetCDF files  
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2903403 - Existing NetCDF files  
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2903404 - Existing NetCDF files  
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2903605 - Existing NetCDF files  
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2903606 - Existing NetCDF files  
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2903607 - Existing NetCDF files  
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2903608 - Existing NetCDF files  
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2903609 - Existing NetCDF files  
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2903610 - Existing NetCDF files  
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2903611 - Existing NetCDF files  
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2903612 - Existing NetCDF files  
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2903616 - Existing NetCDF files  
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2903617 - Existing NetCDF files  
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2903630 - Existing NetCDF files  
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2903631 - Existing NetCDF files  
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2903632 - Existing NetCDF files  
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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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3902392 - Existing NetCDF files  
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3902393 - Existing NetCDF files  
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3902394 - Existing NetCDF files  
File : 3902394\_meta.nc - 3902394\_prof.nc -

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

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

4902380 - Existing NetCDF files  
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4902981 - Existing NetCDF files  
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4902982 - Existing NetCDF files  
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4902983 - Existing NetCDF files  
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4902985 - Existing NetCDF files  
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4902986 - Existing NetCDF files  
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4902987 - Existing NetCDF files  
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4902988 - Existing NetCDF files  
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4902992 - Existing NetCDF files  
File : 4902992\_meta.nc - 4902992\_prof.nc -

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

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

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

5904937 - Existing NetCDF files  
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5905062 - Existing NetCDF files  
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5905063 - Existing NetCDF files  
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5905218 - Existing NetCDF files  
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5905223 - Existing NetCDF files  
File : 5905223\_Sprof.nc - 5905223\_meta.nc - 5905223\_prof.nc -

5905224 - Existing NetCDF files  
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5905225 - Existing NetCDF files  
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5905226 - Existing NetCDF files  
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5905227 - Existing NetCDF files  
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5905228 - Existing NetCDF files  
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5905229 - Existing NetCDF files  
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5905232 - Existing NetCDF files  
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5905233 - Existing NetCDF files  
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5905834 - Existing NetCDF files  
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5905835 - Existing NetCDF files  
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5905836 - Existing NetCDF files  
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5905837 - Existing NetCDF files  
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5905838 - Existing NetCDF files  
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5905839 - Existing NetCDF files  
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5905840 - Existing NetCDF files  
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5905841 - Existing NetCDF files  
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5905842 - Existing NetCDF files  
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5905843 - Existing NetCDF files  
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5905844 - Existing NetCDF files  
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5905845 - Existing NetCDF files  
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5905846 - Existing NetCDF files  
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5905848 - Existing NetCDF files  
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5905849 - Existing NetCDF files  
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5905851 - Existing NetCDF files  
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5905852 - Existing NetCDF files  
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5905853 - Existing NetCDF files  
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5905854 - Existing NetCDF files  
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5905855 - Existing NetCDF files  
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5905856 - Existing NetCDF files  
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5905857 - Existing NetCDF files  
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5905860 - Existing NetCDF files  
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5905861 - Existing NetCDF files  
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5905862 - Existing NetCDF files  
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5905863 - Existing NetCDF files  
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5905864 - Existing NetCDF files  
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5905865 - Existing NetCDF files  
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5905866 - Existing NetCDF files  
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5905867 - Existing NetCDF files  
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5905875 - Existing NetCDF files  
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5905876 - Existing NetCDF files  
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5905877 - Existing NetCDF files  
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5905878 - Existing NetCDF files  
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5905879 - Existing NetCDF files  
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5905881 - Existing NetCDF files  
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5905882 - Existing NetCDF files  
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5906389 - Existing NetCDF files  
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5906390 - Existing NetCDF files  
File : 5906390\_meta.nc - 5906390\_prof.nc -

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

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

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

7900600 - Existing NetCDF files  
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7900601 - Existing NetCDF files  
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7900652 - Existing NetCDF files  
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7900653 - Existing NetCDF files  
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7900654 - Existing NetCDF files  
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7900655 - Existing NetCDF files  
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7900657 - Existing NetCDF files  
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7900658 - Existing NetCDF files  
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7900660 - Existing NetCDF files  
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7900691 - Existing NetCDF files  
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7900863 - Existing NetCDF files  
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7900864 - Existing NetCDF files  
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7900866 - Existing NetCDF files  
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7900868 - Existing NetCDF files  
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7900872 - Existing NetCDF files

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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

## 7.8. 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 -

## 7.9. 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

## 7.10. MEDS

**For some floats :**

- traj file missing

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

**DAC name : meds – Number of floats : 615**

4902530 - Existing NetCDF files

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

## 7.11. NMDIS

**For some floats :**

- 

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

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