



## GDAC Float Anomalies Monitoring

July & August 2021

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**Coriolis**



## NOTES

### NOVEMBER 2017

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

DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC,VERTICAL\_SAMPLING\_SCHEME

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

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

### DECEMBER 2017

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

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

### January 2018

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

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

The problem has been resolved rapidly.

### May 2018

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

### July 2018

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

### March 2019

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

### April 2019

Re-organization of the report

### June 2019

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

### September 2019

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

### October 2019

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

#### November 2019

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

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

#### February 2020

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

#### March 2020

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

#### April 2020

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

#### October 2020

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

#### November 2020

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

#### March 2021

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

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# 1. Anomalies of Argo profiles – Suspected drift

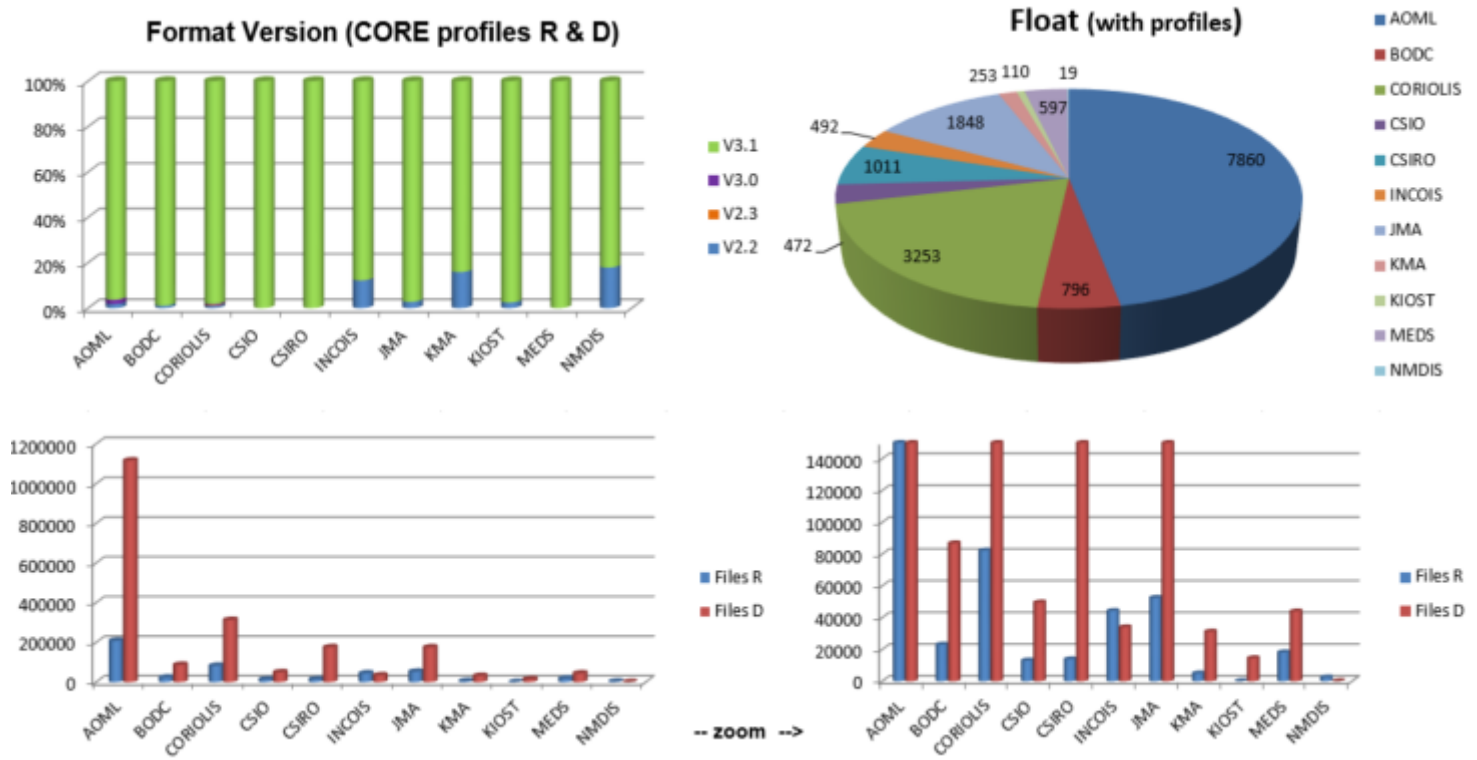
This table shows a list of floats showing a suspected drift/bias, observed in the month. (feedback from Coriolis).

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-weird, 4-wrecked, 5-pressure, adjustment issue]	Comment
<b>NEW</b>												
ACML	2902390	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2023/07/08	211	2023/08/10	215	3	Argo WHOI	SBE41CP	7340	1	Slight drift
ACML	3901801	GREGORY C. JOHNSON	2023/08/18	123	2023/08/28	124	3	Argo PMEL	SBE41CP_V7.2.5	10020	1	Slight drift
ACML	4901651	GREGORY C. JOHNSON	2023/08/29	260			3	Argo PMEL	SBE41CP	5578	1	Slight drift
ACML	4902079	GREGORY C. JOHNSON	2023/07/25	228	2021/08/14	230	3	Argo PMEL	SBE41CP	6289	1	Slight drift
ACML	4903048	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2023/08/20	105	2021/08/30	106	3	Argo WHOI	SBE41CP	10925	1	Slight drift, compared to neighboring profiles
ACML	4903058	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2023/08/23	94			3	Argo WHOI	SBE41CP	11021	1	Slight drift, compared to neighboring profiles
ACML	4903180	GREGORY C. JOHNSON	2023/08/22	101	2021/08/31	103	3	Argo PMEL	SBE41CP	11049	1	Slight drift
ACML	5903171	DEAN ROEMMICH	2023/08/21	271			3	Argo SIO	SBE41CP_V3.0c	5751	1	Slight drift
ACML	5904198	DEAN ROEMMICH	2023/08/13	318	2021/08/21	319	3	Argo SIO	SBE41CP_V3.0c	4651	1	Beginning of drift ?
ACML	5904739	GREGORY C. JOHNSON	2019/01/16	84	2021/08/23	179	3 & 4	Argo PMEL	SBE41CP	7689	1	Drift with jump, gap from cycle 129 to cycle 179 ? Then comes back in table
ACML	5904810	STEPHEN RISER	2023/08/23	173			3	Argo UW	SBE41CP	7726	1	Drift
ACML	5904812	STEPHEN RISER	2023/08/24	175			3	Argo UW	SBE41CP	7807	1	Beginning of drift ? Comparing to neighboring profiles
ACML	5905758	DEAN ROEMMICH	2023/07/18	164	2021/08/28	164	3	Argo SIO	SBE41CP_V5.0.1	5642	1	Beginning of drift ? Comparing to neighboring profiles
ACML	5905778	DEAN ROEMMICH	2023/08/19	97	2021/08/29	98	4	Argo SIO	SBE41CP_V7.2.5	10699	1	Jump ?
BODC	2901905	Jon Turton	2023/08/22	140			3	Argo UK	SBE41	7836	1	Drift
CORIOLIS	3901658	Birgit Klein -> Grey List	2023/08/18	131	2021/08/18	131	3	Argo BSH	SBE41CP_V7.2.5	10015	1	Slight drift
CORIOLIS	3901875	Roman Canocuet	2023/08/09	182	2021/08/29	184	3	ARGO MOCCA	SBE41CP_V7.2.5	8128	1	Drift
CORIOLIS	4902759	Christoph Couranson	2023/07/29	161			3	CORIOLIS	SBE41CP_V7.2.5	8659	1	Drift
CORIOLIS	4902926	Sybilha Cravatte	2023/07/13	87	2021/08/22	91	3	CORIOLIS	SBE41CP_V7.2.5	10722	1	Drift
CORIOLIS	4903083	Damien Desbryelles	2023/08/20	7			3	CORIOLIS	SBE41CP_V7.2.5	13346	1	Beginning of drift ? Strange profile
CORIOLIS	4903234	Pierre-Marie Poullain	2023/08/02	250	2021/08/27	255	4	ARGO Italy	SBE41CP_V7.2.5	10061	1	Jump ?
CSIO	2902747	FEI CHAI	2023/07/13	116	2021/08/12	119	3	Argo CHINA	SBE41CP_V7.2.5	9707	1	Drift
CSRO	1901764	Peter Oke	2023/08/18	15	2021/08/28	16	3	Argo AUSTRALIA	SBE41CP_V7.2.5	12688	1	Slight drift
CSRO	5905114	Susan Wells	2023/08/29	174	2021/08/28	177	3	Argo AUSTRALIA	SBE41CP_V7.2.5	8195	1	Beginning of drift ? Comparing to neighboring profiles
CSRO	5905418	Peter Oke	2023/08/23	105			3	Argo AUSTRALIA	SBE41CP_V7.2.5	10779	1	Beginning of drift
INDO	2902267	M Ravichandran	2023/08/08	93	2021/08/28	95	3	Argo INDIA	SBE41CP	11206	1	Slight drift
INDO	2902270	M Ravichandran	2023/07/23	91	2021/08/02	92	3	Argo INDIA	SBE41CP	11378	1	Slight drift
JMA	3902392	JAMSTEC	2023/07/15	60	2021/08/14	63	3	Argo JAMSTEC	SBE41CP_V7.2.5	11106	1	Slight drift
JMA	5905862	JAMSTEC	2023/07/21	82	2021/08/20	84	3	Argo JAMSTEC	SBE41CP_V7.2.5	10429	1	Drift
JMA	5905864	JAMSTEC	2023/08/29	76			3	Argo JAMSTEC	SBE41CP_V7.2.5	11046	1	Drift
JMA	5905877	JAMSTEC	2023/07/26	61	2021/08/25	64	3	Argo JAMSTEC	SBE41CP_V7.2.5	11097	1	Drift
MEDS	4902462	Blair Greenan	2023/07/31	90	2021/08/30	93	3	Argo CANADA	SBE41CP	41-10630	1	Slight drift
<b>PREVIOUS REPORTS</b>	<b>[in last 5 months]</b>											
ACML	1901805	GREGORY C. JOHNSON	2020/07/28	135	2021/01/24	153	3	Argo PMEL	SBE41CP	8181	1	Adjustment on PSAL_ADJUSTED is going to introduced a bias
ACML	1902057	GREGORY C. JOHNSON	2023/06/24	168	2021/08/03	172	4	Argo PMEL	SBE41CP	08465	1	Drift/Jump
ACML	1902182	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2023/04/01	113	2021/05/11	117	3	Argo WHOI	SBE41CP_V7.2.5	9139	1	Drift with jump
ACML	1902198	GREGORY C. JOHNSON	2020/02/20	61	2021/08/23	116	3 & 4	Argo PMEL	SBE41CP	9911	1	cycle 53 is 0.05 psu saltier than surrounding profiles.
ACML	1902201	GREGORY C. JOHNSON	2021/06/06	108	2021/08/27	116	3	Argo PMEL	SBE41CP	09913	1	Slight drift
ACML	1902269	GREGORY C. JOHNSON	2023/03/02	54	2021/06/10	79	3 & 4	Argo PMEL	SBE41CP	10756	1	Slight drift
ACML	3901179	GREGORY C. JOHNSON	2023/04/15	250	2021/08/13	262	3	Argo PMEL	SBE41CP	5542	1	Slight Drift
ACML	3901187	GREGORY C. JOHNSON	2014/11/22	25	2021/08/27	272	4	Argo PMEL	SBE41CP	5507	1 or 2	shapes are totally at of bounds by 1 PSU saltier. Positions may be incorrect.
ACML	3901199	GREGORY C. JOHNSON	2020/07/25	172	2021/08/28	227	3 & 4	Argo PMEL	SBE41CP	6308	6	seems to have been corrected. Only cycle 143 remains out of bounds.
ACML	3901257	GREGORY C. JOHNSON	2023/07/27	136	2021/08/21	177	3	Argo PMEL	SBE41CP	8138	1	Small drift
ACML	3901259	GREGORY C. JOHNSON	2023/08/07	87	2021/08/22	173	3 & 4	Argo PMEL	SBE41CP	8747	1	Drift since at least cycle 79, cycle 101 is 0.15 PSU saltier than surrounding profiles
ACML	3901261	CARL SZCZECIOWSKI	2023/05/06	877	2021/08/30	882	3	Argo NAVOCEANO	SBE41CP_V3.0c	6517	1	Slight drift
ACML	3901266	CARL SZCZECIOWSKI	2020/08/23	826	2021/08/30	400	4	Argo NAVOCEANO	SBE41CP_V3.0c	7131	1	Slight drift
ACML	3901282	GREGORY C. JOHNSON	2017/09/05	82	2021/08/25	177	3	Argo PMEL	SBE41CP	8531	4	salty jump at cycle 86, salinity data are wrecked
ACML	3901283	GREGORY C. JOHNSON	2020/09/11	114	2021/08/23	167	3	Argo PMEL	SBE41CP	8563	1	Slight drift from cycle 114
ACML	3901289	GREGORY C. JOHNSON	2020/09/23	117	2021/08/26	172	4	Argo PMEL	SBE41CP	8651	1	cycle 99 is 0.2 PSU saltier than surrounding profiles
ACML	3901291	GREGORY C. JOHNSON	2020/07/06	129	2021/08/30	171	4	Argo PMEL	SBE41CP	8634	1	Slight drift
ACML	3901293	GREGORY C. JOHNSON	2021/05/05	159	2021/07/14	167	3	Argo PMEL	SBE41CP	8770	1	Slight drift
ACML	3901299	GREGORY C. JOHNSON	2020/02/23	92	2021/07/07	102	3	Argo PMEL	SBE41CP	9957	2	cycle 45 is affected by a 0.02 salty jump. Wait for more cycles
ACML	3901306	GREGORY C. JOHNSON	2020/12/24	55	2021/08/31	80	3	Argo PMEL	SBE41CP	4600	1	Slight drift
ACML	3901307	GREGORY C. JOHNSON	2023/01/30	60	2021/08/28	81	3	Argo PMEL	SBE41CP	11064	1	Slight drift
ACML	3901308	GREGORY C. JOHNSON	2023/08/29	72	2021/08/27	72	3	Argo PMEL	SBE41CP	11066	1	Slight drift
ACML	3901312	GREGORY C. JOHNSON	2020/09/08	38	2021/08/16	73	3 & 4	Argo PMEL	SBE	5719	3	Bad profiles
ACML	3902207	GREGORY C. JOHNSON	2021/04/03	62	2021/08/17	76	4	Argo PMEL	SBE	5725	3	bad profile
ACML	4902090	GREGORY C. JOHNSON	2023/03/06	202	2021/07/14	215	3	Argo PMEL	SBE41CP	7229	1	Large drift
ACML	4902101	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2023/01/21	152	2021/08/23	174	3	Argo WHOI	SBE41CP	6478	1	Drift
ACML	4902102	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2020/02/17	3174	2021/08/30	3230	4 & 3	Argo WHOI	SBE41CP	6488	2	cycle 3168 is affected by a 0.2 psu salty jump. Wait for more cycles
ACML	4902106	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2021/06/10	210	2021/08/19	217	3	Argo WHOI	SBE41CP	6510	1	Slight drift - on PSAL, from cycle 217 PSAL_ADJUSTED seems ok
ACML	4902303	GREGORY C. JOHNSON	2023/06/13	193	2021/08/22	200	3	Argo PMEL	SBE41CP	7478	1	Slight drift
ACML	4902307	GREGORY C. JOHNSON	2020/06/19	145	2021/08/23	156	3 & 4	Argo PMEL	SBE41CP	7682	1	Slight drift
ACML	4902892	GREGORY C. JOHNSON	2023/03/29	160	2021/08/26	175	3 & 4	Argo PMEL	SBE41CP	08006	1	Drift is beginning
ACML	4902893	GREGORY C. JOHNSON	2019/10/12	107	2021/08/22	175	3	Argo PMEL	SBE41CP	8300	1	unstable. It would preserve DMOQ. Cycles 20 to 22 are affected by fresh jump
ACML	4902897	GREGORY C. JOHNSON	2020/02/09	119	2021/08/22	175	3 & 4	Argo PMEL	SBE41CP	8117	1	smoothly drifting so far
ACML	4902900	GREGORY C. JOHNSON	2021/08/14	156	2021/08/23	172	3	Argo PMEL	SBE41CP	08638	1	Drift
ACML	4902901	GREGORY C. JOHNSON	2020/02/12	116	2021/08/25	172	4	Argo PMEL	SBE41CP	8692	1	unusually drifting (0.04 PSU saltier on 2018/12/19), had salty jumps from cycle 80 (2018/02/17)
ACML	4902908	GREGORY C. JOHNSON	2023/03/06	154	2021/08/23	171	3	Argo PMEL	SBE41CP	08775	1	Drift
ACML	4902920	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2023/03/21	129	2021/07/19	141	3	Argo WHOI	SBE41CP	8654	1	Slight drift
ACML	4902980	GREGORY C. JOHNSON	2023/01/08	122	2021/02/27	127	3	Argo PMEL	SBE41CP	9807	1	Slight drift
ACML	4902996	GREGORY C. JOHNSON	2020/06/19	102	2021/08/23	145	3 & 4	Argo PMEL	SBE41CP	0908	1	Drift
ACML	4903011	DEAN ROEMMICH	2023/06/08	98	2021/07/08	101	3	Argo SIO	SBE41CP_V7.2.5	10792	1	Slight drift ? also shown with comparison to neighboring profiles. John's answer : 4903011, although is nearing 0.05psu drift is still drifting smoothly. So I'll hold off on greivasting that data quite yet. I'll stay on top of it though.
ACML	4903027	GREGORY C. JOHNSON	2018/11/15	18	2021/07/02	99	3	Argo PMEL	SBE41CP_V7.2.5	10054	1	Slight drift
ACML	4903028	GREGORY C. JOHNSON	2020/09/15	50	2021/08/27	103	4 (S) (T)	Argo PMEL	SBE41CP	10809	2	unstable. cycle 61 is affected by a 0.03 psu salty jump, cycle 62 is 0.17 psu saltier than surrounding profiles.
ACML	4903030	GREGORY C. JOHNSON	2020/02/16	60	2021/08/29	116	3 & 4	Argo PMEL	SBE41CP	10574	1	Fresher profiles from cycle 50, bias then come back to correct profiles ?
ACML	4903033	GREGORY C. JOHNSON	2019/10/11	47	2021/08/31	116	4 & 3	Argo PMEL	SBE41CP	10577	1	cycle 50 is 0.06 psu saltier than surrounding profiles, and then cycle 51. Cycle 52 is 0.03 psu saltier than cycle 51.
ACML	4903034	GREGORY C. JOHNSON	2020/02/15	51	2021/06/29	101	3	Argo PMEL	SBE41CP	10758	2	0.05 PSU salty jump since cycle 32
ACML	4903056	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2023/04/21	82	2021/06/30	89	3 & 4	Argo WHOI	SBE41CP	11036	1	Drift with jump
ACML	4903171	GREGORY C. JOHNSON	2019/05/09	21	2021/08/26	105	3 & 4	Argo PMEL	SBE41CP	10997	1	cycle 42 and cycle 43 are

ACML	5905768	DEAN ROEMMICH	2021/09/28	101	2021/04/27	104	3	Argo SIO	SBE61_V5.0.1	5673	1	Drift
ACML	5906051	STEPHEN RISER	2021/02/04	47	2021/08/29	62	3	Argo UW	SBE41CP	11508	1	PSAL already bad but now drift observed on TEMP
ACML	5906095	GREGORY C. JOHNSON	2020/07/05	43	2021/08/29	85	3	Argo PMEL	SBE41CP	11103	1	
ACML	5906098	GREGORY C. JOHNSON	2020/02/16	27	2021/08/29	83	3	Argo PMEL	SBE41CP	11099	4	Very fresh first cycles (cycle 10 is still 0.3 PSU fresher than expected)
ACML	5906157	GREGORY C. JOHNSON	2021/05/06	75	2021/08/24	86	3	Argo PMEL	SBE41CP	11147	1	Slight drift
ACML	5906159	GREGORY C. JOHNSON	2020/04/29	30	2021/08/22	78	3	Argo PMEL	SBE41CP	11076	1	Salty drift
ACML	5906170	GREGORY C. JOHNSON	2020/12/31	49	2021/08/28	67	3	Argo PMEL	SBE41CP	11085	1	
ACML	5906174	GREGORY C. JOHNSON	2020/09/31	1	2021/08/23	51	3, 8, 4	X00000	SBE41CP	12135	2	Bias of salinity for 2 first cycles (difference of 3 psu lth profiles in this area)
ACML	5906176	GREGORY C. JOHNSON	2021/04/25	41	2021/04/25	41	3	Argo PMEL	SBE41CP	12129	3	Drift and strange end of profile
ACML	5906299	STEPHEN RISER	2021/01/16	94	2021/04/06	74	3	Argo UW	RBR_ARGO3	201598	1	
ACML	7900302	DEAN ROEMMICH	2021/04/16	230	2021/06/27	240	4, 8, 3	Argo SIO	SBE41CP_V3.0c	5808	3	Bad profile PSAL, all profile or only a part, from cycle 237 Temperature seems also have problem.
BODC	6901202	Jon Turton	2021/04/23	144	2021/08/31	157	3	Argo UK	SBE41	9203	1	Slight drift
BODC	6901930	Diarmaid O'Conchubhair	2021/06/21	119	2021/08/30	126	3	Argo IRELAND	SBE41CP	11058	1	Drift
BODC	6901727	Brian King	2021/06/06	33	2021/06/26	37	3	Argo UK	RBR_ARGO3	203420	1	Slight drift - also shown with comparison to neighboring profiles
BODC	6901753	Brian King	2021/04/06	12	2021/07/03	21	3	Argo UK	RBR_ARGO3	203420	1	Drift
CORIOLIS	3901672	Birgit Klein	2021/06/20	110	2021/08/19	116	3	Argo BSH	SBE41CP_V7.2.5	10479	1	Slight drift
CORIOLIS	3901680	Birgit Klein	2021/06/17	94	2021/08/16	100	3	Argo BSH	SBE41CP_V7.2.5	11169	1	Slight drift
CORIOLIS	3901935	Sabrina SPEICH	2021/05/29	161	2021/08/17	169	3, 8, 4	ARGO MOCCA	SBE41CP_V7.2.5	8502	1	Drift
CORIOLIS	6902747	Bernard BOURLES	2021/06/02	129	2021/06/02	129	3	CORIOLIS - PIRATA	SBE41CP_V7.2.5	8915	1	Drift ? Not clear
CORIOLIS	6902848	Franck DUAS	2021/06/15	195	2021/08/24	209	3	CORIOLIS	SBE41CP_V7.2.5	9588	1	Drift
CORIOLIS	6902964	Sabrina SPEICH	2021/05/10	127	2021/08/28	138	3	CORIOLIS	SBE41CP_V7.2.5	10935	1	Drift
CORIOLIS	6903291	Dimitri KASSIS	2021/06/15	41	2021/08/29	56	3	Argo GREECE	SBE41CP	6806	1	Slight drift
CORIOLIS	6903557	Kjell Arne Mork	2021/03/02	66	2021/08/29	84	3	Argo NORWAY	SBE41CP	10986	1	Drift on deep argo
CORIOLIS	6903574	Kjell Arne Mork	2021/05/03	92	2021/08/26	75	3	ARGO NORWAY	SBE41CP	12716	1	Drift for some cycles
CORIOLIS	6903575	Kjell Arne Mork	2021/06/08	12	2021/08/22	27	3	Argo NORWAY	SBE41CP	12717	1	Drift
CORIOLIS	6903800	Pierre Marie Poulsen	2021/06/24	11	2021/07/04	13	3	ARGO baby	SBE41CP	4132905	1	Drift
CORIOLIS	6904134	Anne Körtzinger	2021/06/08	2	2021/06/29	12	3, 8, 4	ARGO Geomar	SBE41CP	12546	1	Drift
CORIOLIS	7900498	Birgit Klein	2021/05/26	162	2021/07/06	166	3	Argo BSH	SBE41	41-8835	1	Slight drift
CORIOLIS	7900567	Birgit Klein	2021/06/28	37	2021/06/28	37	3	Argo BSH	SBE41CP	41-12679	1	Drift
INCOIS	2902174	M Ravichandran	2021/03/31	409	2021/04/20	405	3	Indian Argo	SBE41CP	5687	1	Drift
INCOIS	2902185	M Ravichandran	2020/12/29	190	2021/08/26	214	3	Indian Argo	SBE41CP	6670	1	Drift
INCOIS	2902201	M Ravichandran	2020/08/23	144	2021/08/28	201	3	Indian Argo	SBE41	7542	1	Drift
INCOIS	2902209	M Ravichandran	2019/03/10	92	2021/08/30	184	3, 8, 4	Indian Argo	SBE41CP	8353	1	surrounding profiles
INCOIS	2902211	M Ravichandran	2020/02/22	162	2021/08/15	216	3	Indian Argo	SBE41CP	8355	1	Drift
INCOIS	2902222	M Ravichandran	2020/06/09	161	2021/08/28	169	3	Indian Argo	SBE41	6672	1	Drift
INCOIS	2902335	M Ravichandran	2021/03/19	987	2021/04/08	371	3	Argo INDIA	SBE41CP	9528	1	Drift
INCOIS	2902336	M Ravichandran	2020/08/27	238	2021/08/17	304	3	Argo INDIA	SBE41CP	9529	1	Drift
INCOIS	2902261	M Ravichandran	2021/03/22	114	2021/08/29	130	3	Argo INDIA	SBE41CP	5693	1	Slight drift
INCOIS	2902268	M Ravichandran	2020/06/15	91	2021/07/30	92	3	Argo INDIA	SBE41CP	11207	1	Drift
JMA	2902535	JAMSTEC	2021/06/08	232	2021/08/17	239	3	Argo JAMSTEC	SBE41CP_V2	6162	1	Drift
JMA	2903212	JAMSTEC	2019/04/30	45	2021/08/19	134	4, 8, 3, 8, 4	Argo eq. JAMSTEC	SBE61	5631	2	Yuka's comment from 2019/09/19: "The qc flags of the following floats will be decided when the D-files are created. Float : 2903212 - Cycle : 49 - 55"
JMA	2903384	JMA	2021/04/09	101	2021/04/28	105	3	Argo eq. JMA	SBE41	10887	1	Slight drift
JMA	2903401	JAMSTEC	2021/06/16	88	2021/08/18	94	3	Argo eq. JAMSTEC	SBE61	5695	1	Drift
JMA	2903610	JAMSTEC	2021/06/04	67	2021/04/28	70	3, 8, 4	Argo JAMSTEC	SBE41CP_V7.2.5	10969	1	Drift
JMA	4902984	JAMSTEC	2021/04/05	65	2021/07/03	74	3	Argo JAMSTEC	SBE41CP_V7.2.5	10974	1	Drift
JMA	5905842	JMA	2020/08/29	61	2021/08/19	62	3	Argo eq. JAMSTEC	SBE61	5683	1	Drift (Deep Argo Float)
JMA	5905856	JAMSTEC	2021/05/03	44	2021/06/02	47	3	Argo JAMSTEC	SBE41CP_V7.2.5	11095	1	Slight drift
JMA	5905865	JAMSTEC	2021/03/20	58	2021/08/17	73	3	Argo JAMSTEC	SBE41CP_V7.2.5	11009	1	Slight drift
JMA	5905876	JAMSTEC	2021/03/19	78	2021/08/21	95	3, 8, 4	Argo eq. JAMSTEC	SBE61	5691	1	Drift
KMA	2901797	Kiyoung Kang	2021/04/14	261	2021/04/14	261	4	Argo NIMS/RMA	SBE41CP	12177	3	Bad profile PSAL
MEDS	4902441	Blair Greenan	2021/04/17	94	2021/08/06	99	3	Argo CANADA	SBE41CP	41CP-10468	1	Slight drift
MEDS	4902459	Blair Greenan	2021/05/17	104	2021/05/17	104	3	Argo CANADA	SBE41CP	41-10641	1	Slight drift ?
MEDS	4902470	Blair Greenan	2020/05/17	40	2021/09/01	87	3+T	Argo CANADA	SBE41CP	41CP-11308	1	Drift, now bias on temp
Floats on grey list since last month (from feedback)												
ACML	5902351	DEAN ROEMMICH -> Grey List	2021/06/15	271	2021/06/26	273	3	Argo SIO	SBE41CP_V3.0c	5774	1	Slight drift, not clear but seems to start
ACML	5905702	DEAN ROEMMICH -> Grey List	2021/06/02	109	2021/06/22	107	3	Argo SIO	SBE41CP_V7.2.5	9800	1	Drift
ACML	5905988	ANDREA FASSBENDER -> Grey List	2020/04/28	111	2021/03/25	144	3	Argo UW-MBARI	SBE41CP	10762	1	Salty drift
CSIRO	5904996	Susan Wijffels -> Grey List	2021/06/27	212	2021/06/27	212	3	Argo AUSTRALIA	SBE41CP_V2	6437	1	Slight drift

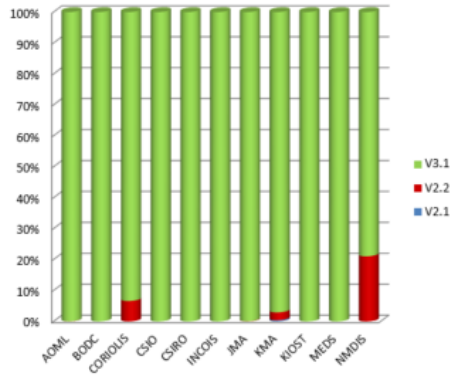
## 2. Statistics on floats and format version (End of June 2021)

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

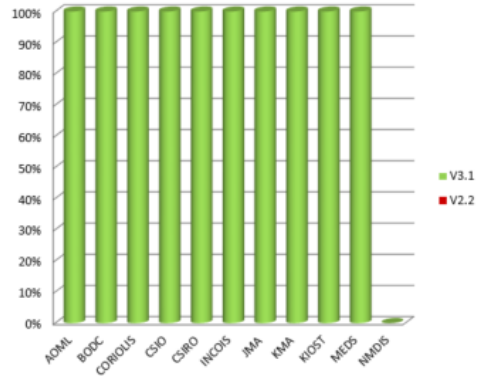


Plots showing format\_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.

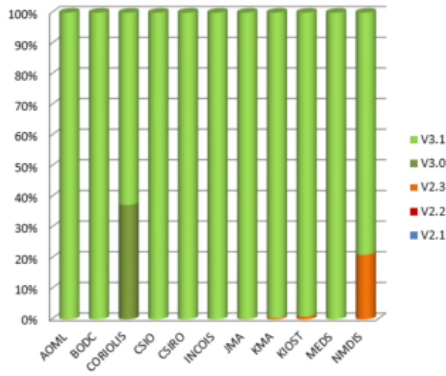
**Metadata Files - Dead floats**



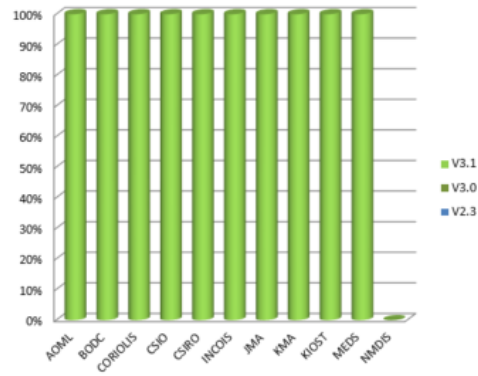
**Metadata Files - Active floats**



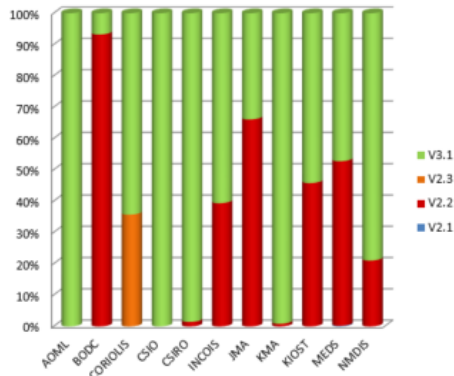
**Technical Files - Dead floats**



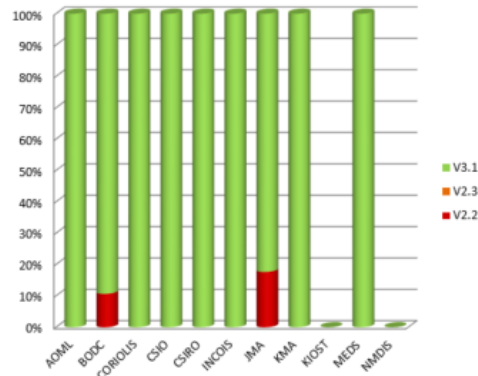
**Technical Files - Active floats**



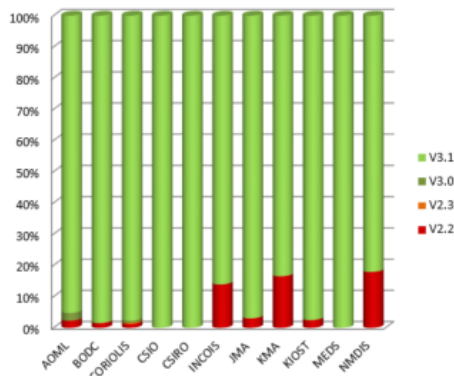
**Trajectory Files - Dead floats**



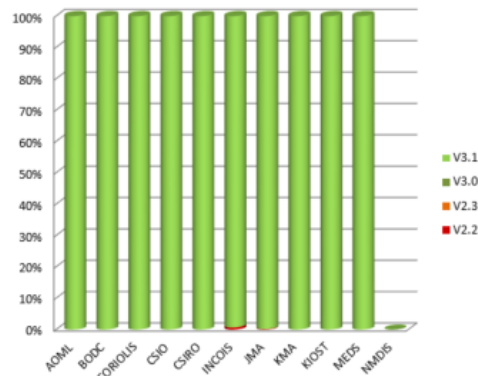
**Trajectory Files - Active floats**



**Profile files - Dead floats**

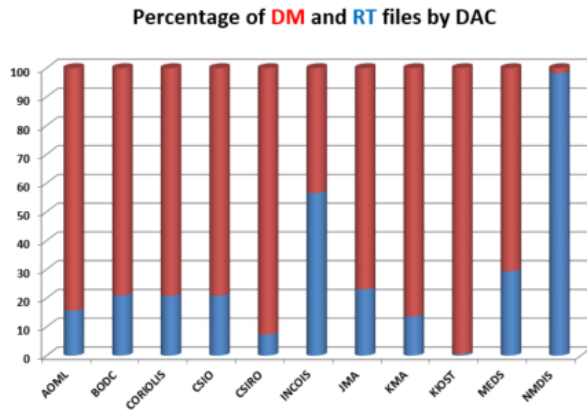


**Profile Files - Active floats**





**Delayed mode percentage by DAC**

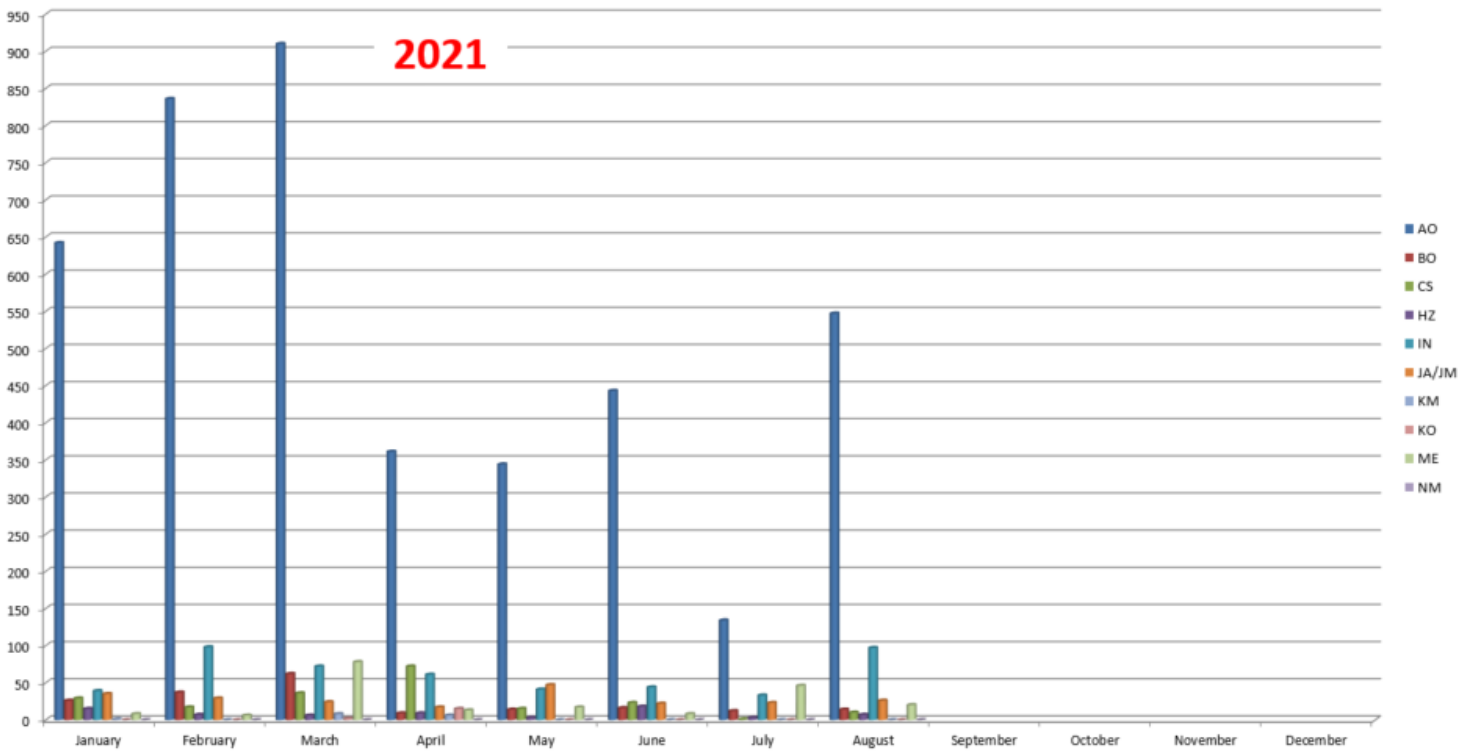


DACS	%R	%D
AOML	15,70	84,30
BODC	20,94	79,06
CORIOLIS	20,80	79,20
CSIO	20,81	79,19
CSIRO	7,29	92,71
INCOIS	56,56	43,44
JMA	23,03	76,97
KMA	13,62	86,38
KIOST	0,59	99,41
MEDS	29,28	70,72
NMDIS	98,17	1,83

**3. Statistics on Anomalies**

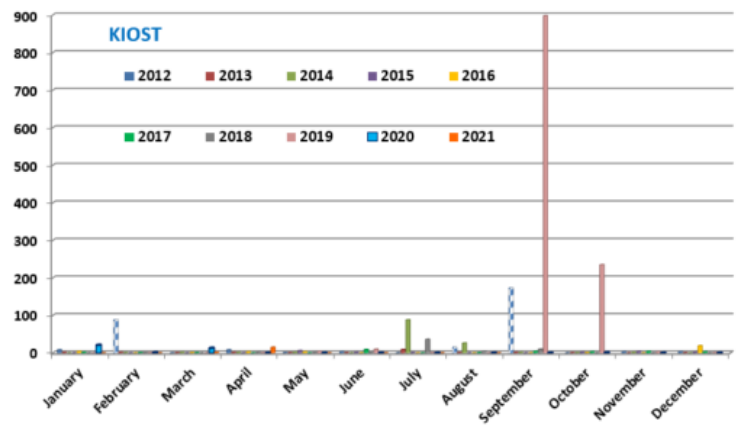
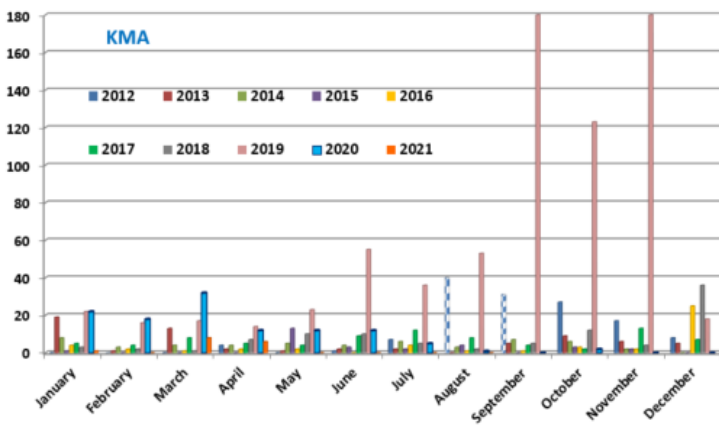
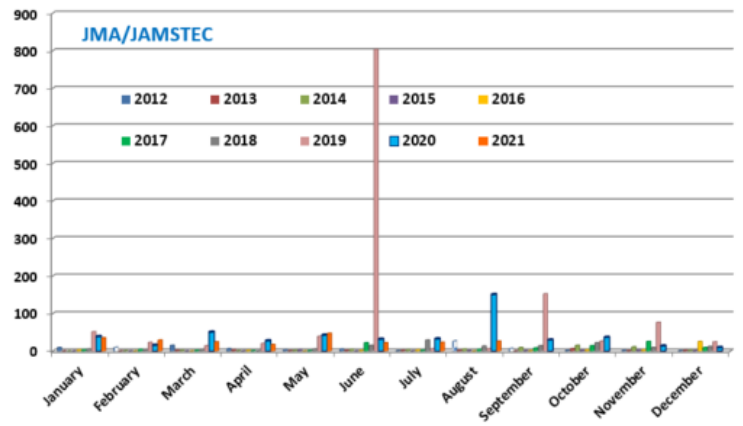
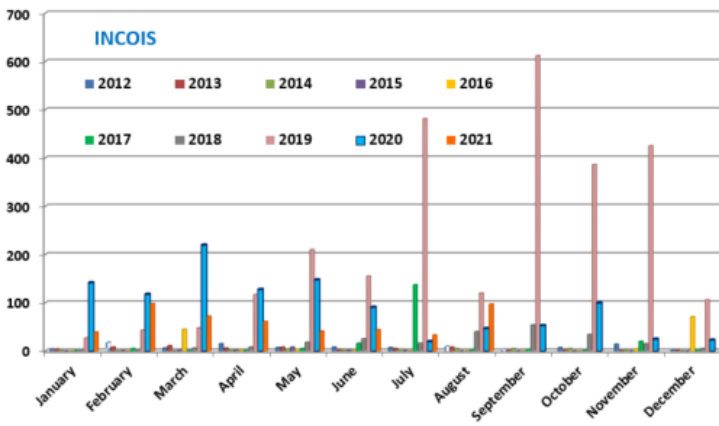
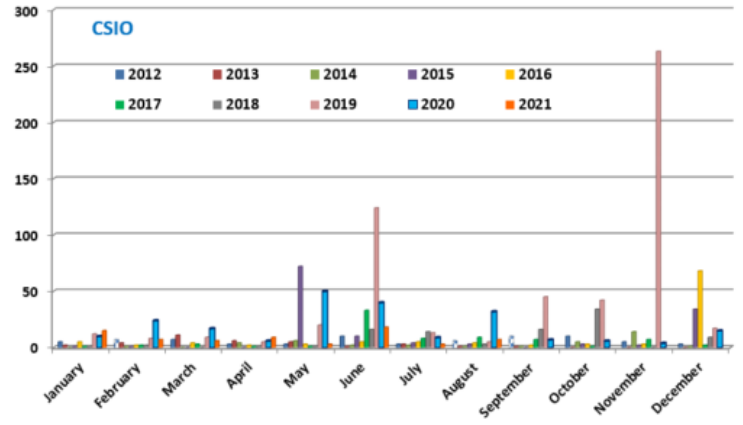
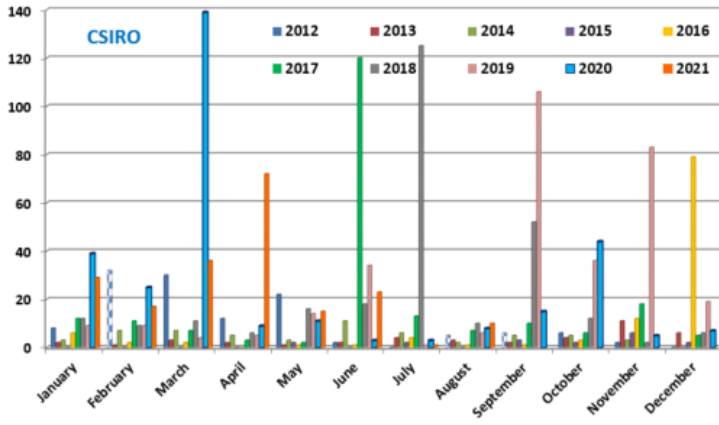
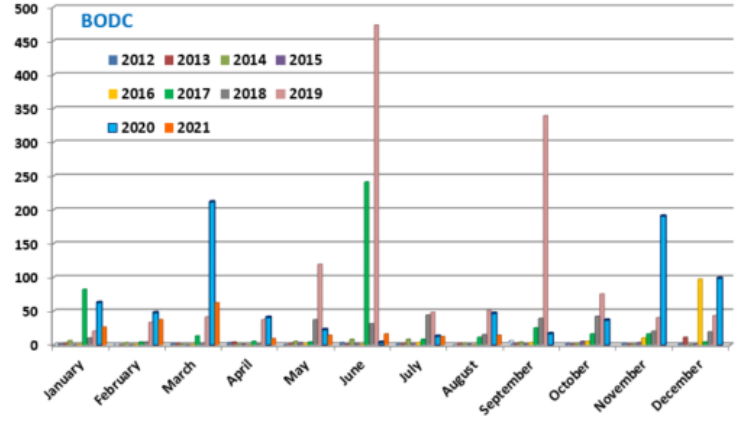
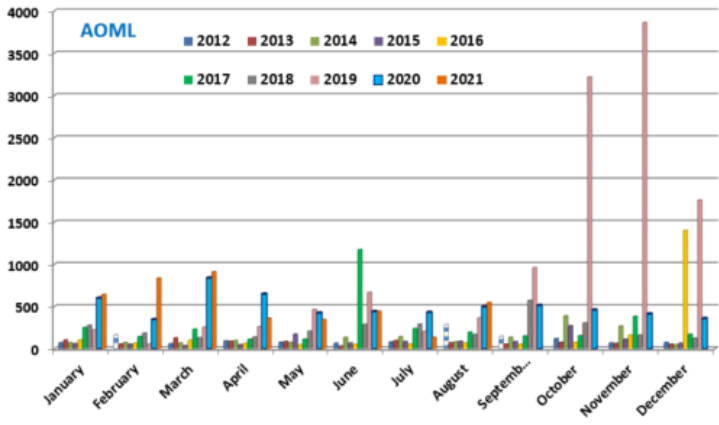
Plots showing evolution of number of anomalies by DAC.

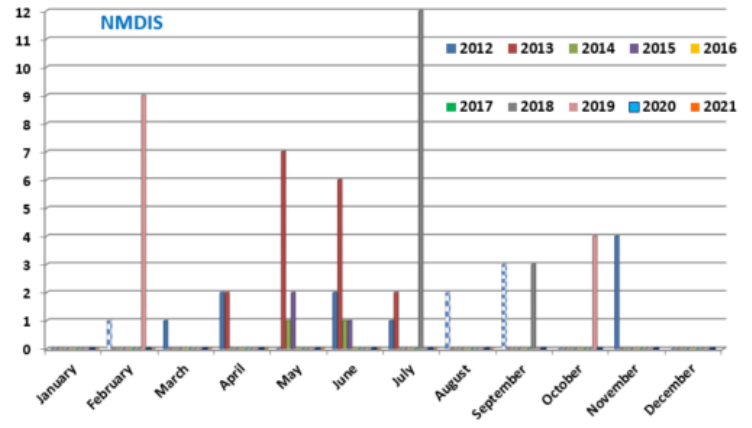
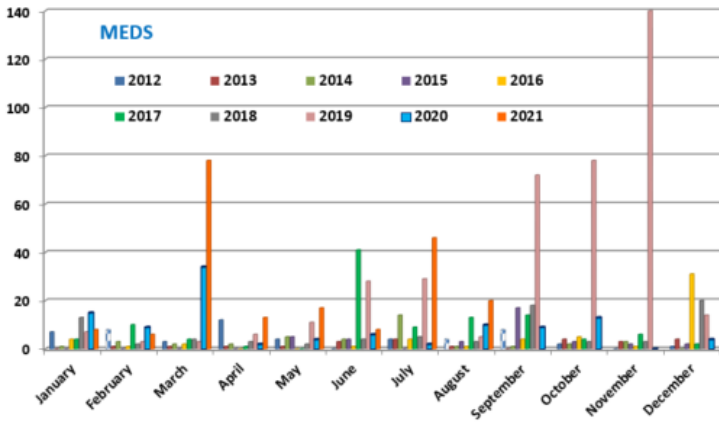
**3.1. Year**



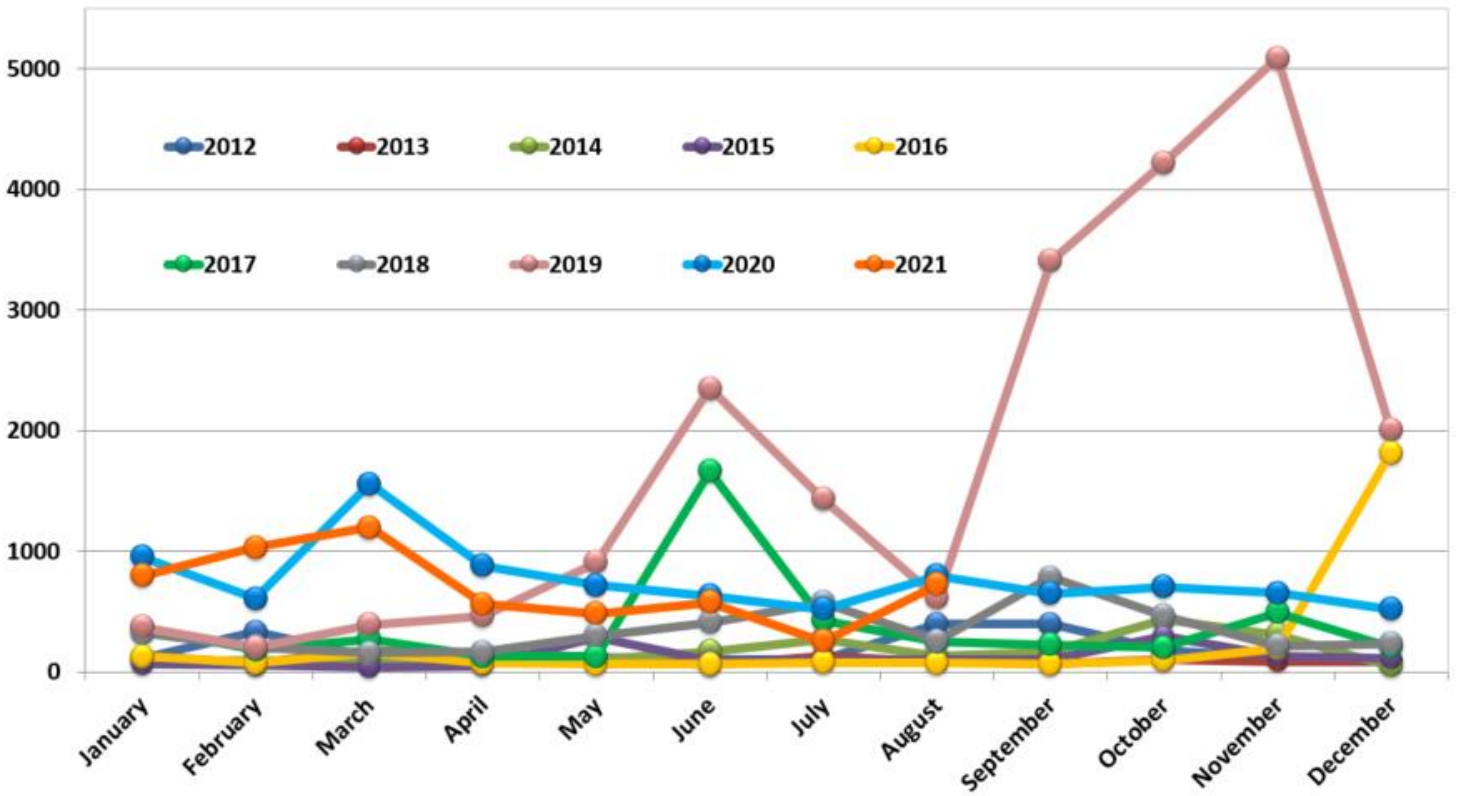
**3.2. DAC**







### 3.3. Anomalies by year, by month

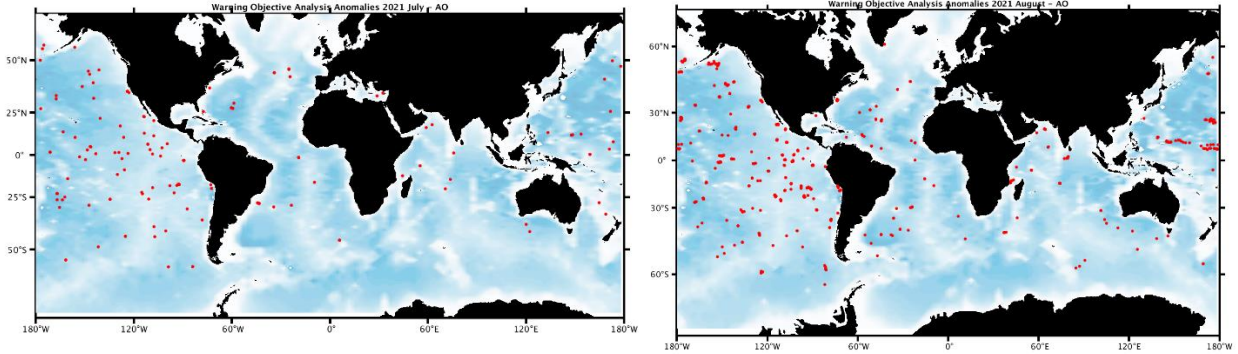


## 4. DAC Anomalies

### 4.1. DAC AOML

Profiles detected by the objective analysis: 132 profiles for July and 547 profiles for August (112 floats for July and 157 floats for August, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
17 cycles	98 cycles	17 cycles
51 cycles	457cycles	39 cycles



**Status of corrections: Done for few profiles – still bad QC no corrected**

**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'

##### JULY 2021

Float : 1902057 - Cycle : 169 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0707 - Date : 2021 7 4  
 Float : 1902198 - Cycle : 111 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0856 - Date : 2021 7 4  
 Float : 1902201 - Cycle : 111 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0860 - Date : 2021 7 8  
 Float : 2902041 - Cycle : 115 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6803 - Date : 2016 7 6  
 Float : 2902390 - Cycle : 211 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7329 - Date : 2021 7 3  
 Float : 3901179 - Cycle : 258 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0316 - Date : 2021 7 4  
 Float : 3901187 - Cycle : 267 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0300 - Date : 2021 7 8  
 Float : 3901199 - Cycle : 222 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0478 - Date : 2021 7 9  
 Float : 3901257 - Cycle : 172 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0684 - Date : 2021 7 2  
 Float : 3901259 - Cycle : 168 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0704 - Date : 2021 7 3  
 Float : 3901266 - Cycle : 387 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 10027 - Date : 2021 6 26  
 Float : 3901266 - Cycle : 388 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 10027 - Date : 2021 7 1  
 Float : 3901266 - Cycle : 389 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 10027 - Date : 2021 7 6  
 Float : 3901282 - Cycle : 172 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0710 - Date : 2021 7 6  
 Float : 3901283 - Cycle : 162 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0712 - Date : 2021 7 4  
 Float : 3901289 - Cycle : 167 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0724 - Date : 2021 7 7  
 Float : 3901291 - Cycle : 165 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0726 - Date : 2021 7 1  
 Float : 3901293 - Cycle : 165 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0733 - Date : 2021 7 4  
 Float : 3901299 - Cycle : 102 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0868 - Date : 2021 7 7  
 Float : 3901306 - Cycle : 74 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0964 - Date : 2021 7 2  
 Float : 3901307 - Cycle : 76 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0976 - Date : 2021 7 9  
 Float : 3901308 - Cycle : 76 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0980 - Date : 2021 7 8  
 Float : 3901471 - Cycle : 138 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8582 - Date : 2021 7 6  
 Float : 3901474 - Cycle : 137 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8585 - Date : 2021 7 1  
 Float : 3901832 - Cycle : 129 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7440 - Date : 2021 6 2  
 Float : 3902144 - Cycle : 83 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7524 - Date : 2021 6 15  
 Float : 3902144 - Cycle : 84 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7524 - Date : 2021 6 25  
 Float : 3902144 - Cycle : 85 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7524 - Date : 2021 7 5  
 Float : 3902152 - Cycle : 67 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12017 - Date : 2021 6 18  
 Float : 3902152 - Cycle : 68 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12017 - Date : 2021 6 28  
 Float : 3902207 - Cycle : 69 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12036 - Date : 2021 6 10  
 Float : 3902207 - Cycle : 70 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12036 - Date : 2021 6 20  
 Float : 4902090 - Cycle : 211 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0540 - Date : 2021 6 4  
 Float : 4902102 - Cycle : 3224 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7299 - Date : 2021 7 1  
 Float : 4902303 - Cycle : 194 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0557 - Date : 2021 6 23  
 Float : 4902307 - Cycle : 183 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0602 - Date : 2021 7 4  
 Float : 4902892 - Cycle : 170 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0624 - Date : 2021 7 7













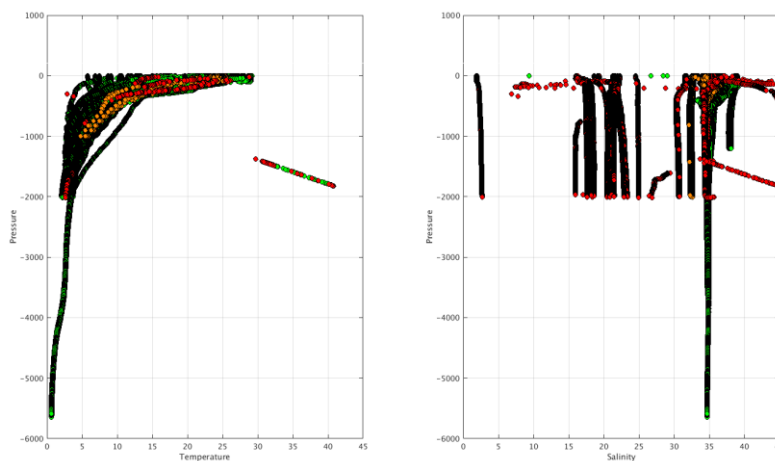








Float : 5903598 - Cycle : 329 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5651 - Date : 2020 12 17  
 Float : 5903752 - Cycle : 153 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5103 - Date : 2017 3 8  
 Float : 5903979 - Cycle : 155 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5850 - Date : 2017 3 20  
 Float : 5903981 - Cycle : 94 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6219 - Date : 2015 7 6  
 Float : 5903981 - Cycle : 147 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6219 - Date : 2016 12 26  
 Float : 5903981 - Cycle : 148 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6219 - Date : 2017 1 5  
 Float : 5903981 - Cycle : 152 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6219 - Date : 2017 2 14  
 Float : 5903984 - Cycle : 83 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6222 - Date : 2015 3 12  
 Float : 5903986 - Cycle : 82 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6224 - Date : 2015 3 12  
 Float : 5903988 - Cycle : 112 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6226 - Date : 2016 1 15  
 Float : 5903990 - Cycle : 194 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6121 - Date : 2018 4 4  
 Float : 5904406 - Cycle : 86 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6935 - Date : 2016 11 23  
 Float : 5904451 - Cycle : 242 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6952 - Date : 2021 7 16  
 Float : 5904660 - Cycle : 82 - PI : STEPHEN RISER, KENNETH JOHNSON - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7295 - Date : 2018 4 26  
 Float : 5904739 - Cycle : 84 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0614 - Date : 2019 1 16  
 Float : 5904739 - Cycle : 85 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0614 - Date : 2019 1 26  
 Float : 5904739 - Cycle : 86 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0614 - Date : 2019 2 5  
 Float : 5904739 - Cycle : 87 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0614 - Date : 2019 2 15  
 Float : 5904739 - Cycle : 88 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0614 - Date : 2019 2 25

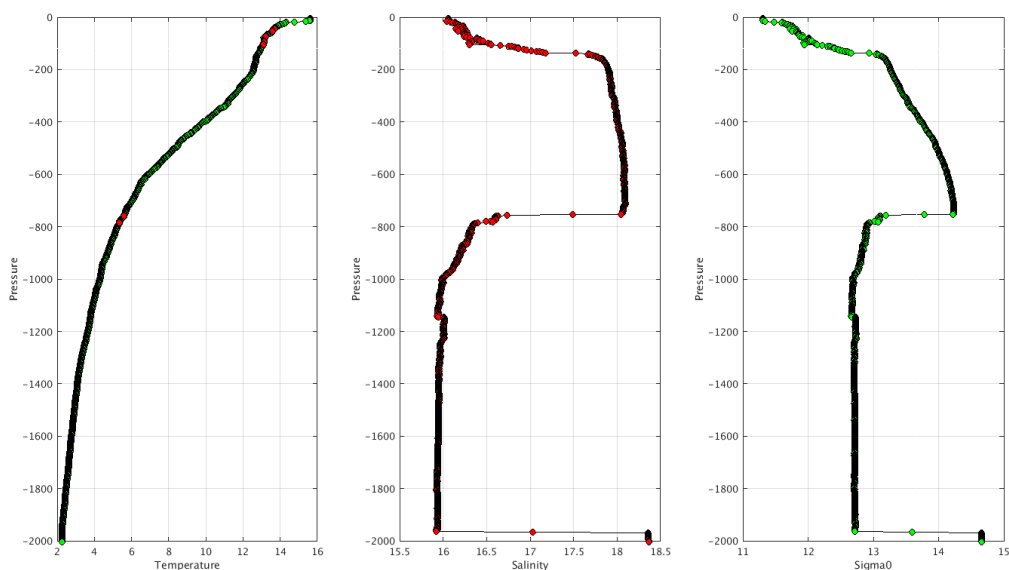


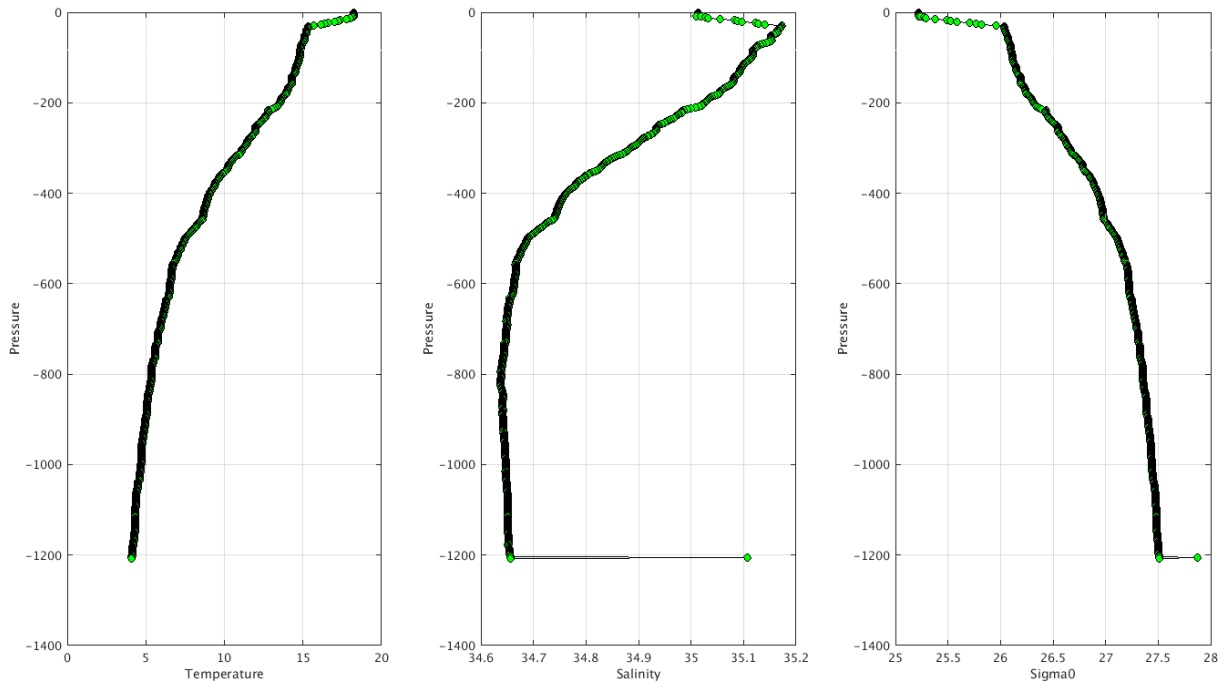
Plot for the 150 first profiles.

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

Example of anomalies:

Warning Objective Analysis Anomalies 2021 August TEMP PSAL : DAC AO- Float 3901259 - 171





**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, .....

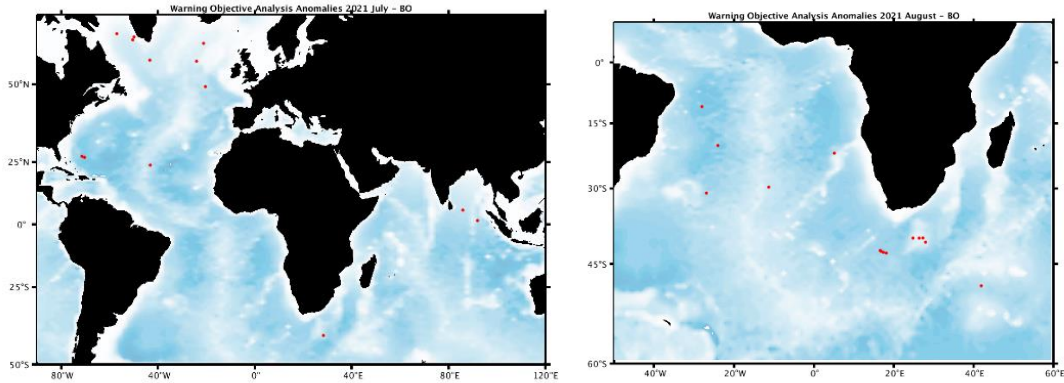
PI\_name = CARL SZCZECOWSKI - **Float 6900376 cycle 44 to cycle 92 – cycle 98 to 128 – cycle 131 to 135**

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: 13 profiles for July and 14 profiles for August (10 floats for July and 8 floats for August, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
3 cycles	7 cycles	3 cycles
3 cycles	4 cycles	7 cycles



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

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

**JULY 2021**  
 Float : 6901169 - Cycle : 256 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6611 - Date : 2021 7 6  
 Float : 6901191 - Cycle : 191 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7626 - Date : 2021 7 1  
 Float : 6901202 - Cycle : 151 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8073 - Date : 2021 7 2  
 Float : 6901930 - Cycle : 120 - PI : Diarmuid O'Conchubhair - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-17EU02 - Date : 2021 7 1  
 Float : 6901933 - Cycle : 55 - PI : Diarmuid O'Conchubhair - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2632-18EU038 - Date : 2020 11 20  
 Float : 6901933 - Cycle : 71 - PI : Diarmuid O'Conchubhair - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2632-18EU038 - Date : 2021 4 29  
 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 : 37 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2021 6 26  
 Float : 6903751 - Cycle : 45 - PI : Brian King - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 0660 - Date : 2021 6 29  
 Float : 6903753 - Cycle : 21 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2021 7 3

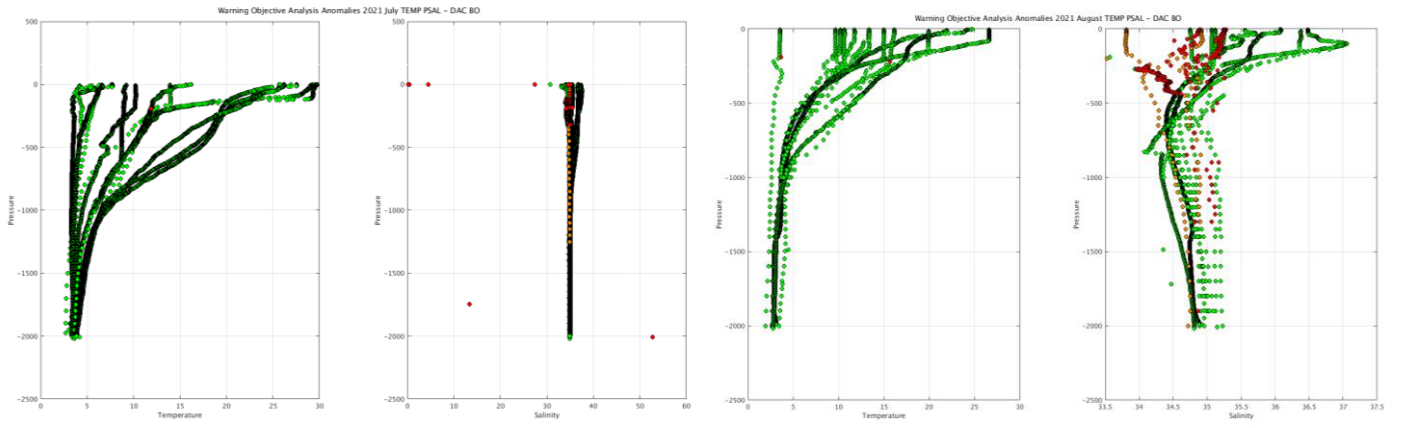
**AUGUST 2021**  
 Float : 2901905 - Cycle : 137 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7595 - Date : 2021 7 24  
 Float : 2901905 - Cycle : 138 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7595 - Date : 2021 8 3  
 Float : 2901905 - Cycle : 139 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7595 - Date : 2021 8 12  
 Float : 2901905 - Cycle : 140 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7595 - Date : 2021 8 22  
 Float : 3901938 - Cycle : 122 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR081 - Date : 2021 1 30  
 Float : 3902398 - Cycle : 67 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8475 - Date : 2021 8 16  
 Float : 3902400 - Cycle : 60 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8577 - Date : 2021 7 12

### Files data\_mode='D'

**JULY 2021**  
 Float : 1900510 - Cycle : 5 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1928 - Date : 2005 6 28  
 Float : 2901896 - Cycle : 123 - PI : Brian King - Data mode : D - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 0626 - Date : 2017 10 26  
 Float : 2901896 - Cycle : 237 - PI : Brian King - Data mode : D - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 0626 - Date : 2020 12 9

**AUGUST 2021**  
 Float : 1900509 - Cycle : 12 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1927 - Date : 2005 8 20  
 Float : 1900510 - Cycle : 6 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1928 - Date : 2005 7 8  
 Float : 1900510 - Cycle : 7 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1928 - Date : 2005 7 18  
 Float : 1900510 - Cycle : 9 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1928 - Date : 2005 8 7  
 Float : 1900510 - Cycle : 10 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1928 - Date : 2005 8 17  
 Float : 1901893 - Cycle : 103 - PI : Brian King - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8145 - Date : 2021 1 21  
 Float : 3900559 - Cycle : 65 - PI : Jon Turton - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0251 - Date : 2015 7 27

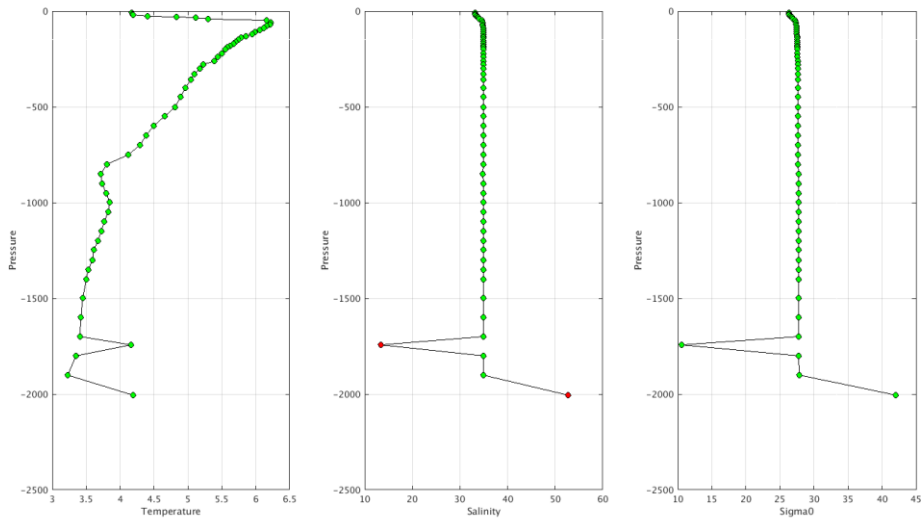




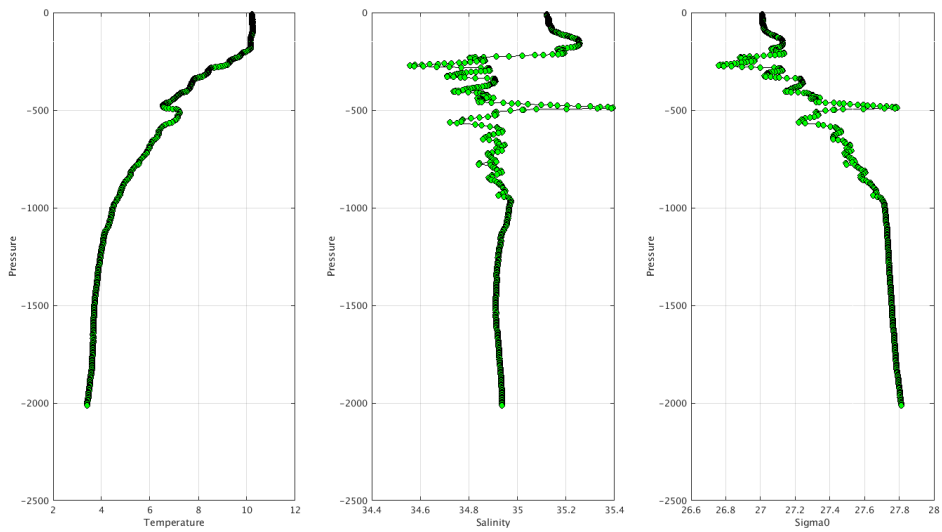
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/bodc/>

Example of anomalies:

Warning Objective Analysis Anomalies 2021 July TEMP PSAL : DAC BO- Float 6901169 - 256



Warning Objective Analysis Anomalies 2021 July TEMP PSAL : DAC BO- Float 6901933 - 55



**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,	nan,
D6901129_225.nc	nan,	nan,	nan,	nan,	nan,	nan,	nan,	nan,	nan,
D6901129_226.nc	nan,	nan,	nan,	nan,	nan,	nan,	nan,	nan,	nan,
R6901129_209.nc	nan,	nan,	nan,	nan,	nan,	nan,	nan,	nan,	nan,
R6901129_210.nc	nan,	nan,	nan,	nan,	nan,	nan,	nan,	nan,	nan,
R6901129_211.nc	nan,	nan,	nan,	nan,	nan,	nan,	nan,	nan,	nan,
R6901129_220.nc	nan,	nan,	nan,	nan,	nan,	nan,	nan,	nan,	nan,
R6901129_221.nc	nan,	nan,	nan,	nan,	nan,	nan,	nan,	nan,	nan,
R6901129_222.nc	nan,	nan,	nan,	nan,	nan,	nan,	nan,	nan,	nan,
R6901129_223.nc	nan,	nan,	nan,	nan,	nan,	nan,	nan,	nan,	nan,
R6901129_224.nc	nan,	nan,	nan,	nan,	nan,	nan,	nan,	nan,	nan,

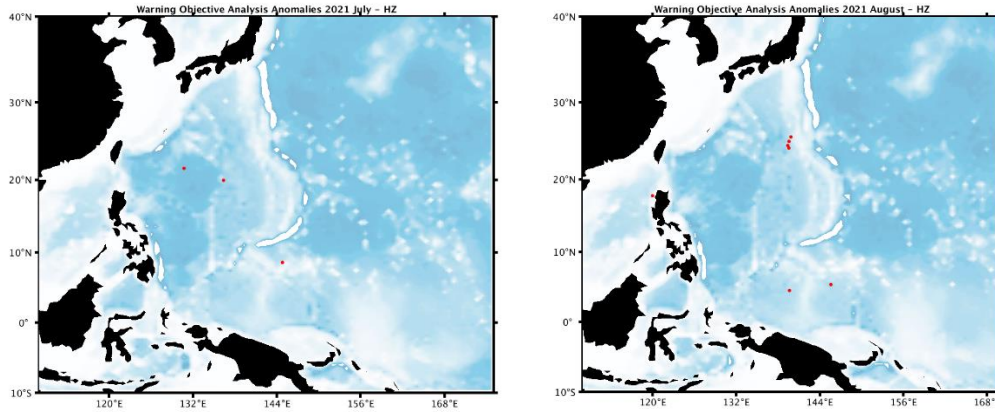
- Mix between RT and DM files: Float 6901181 ex below DM files till cycle 367 but a lot of old cycle in RT (1D, 2D, 3, 3D, 4, ....)

<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: 3 profiles for July and 7 profiles for August (3 floats for July and 4 floats for August, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	1 cycle	2 cycles
0 cycle	7 cycles	0 cycle



**Status of corrections:** No regular feedback, corrections not always done. Feedback for DM profiles.

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

##### JULY 2021

Float : 2902811 - Cycle : 25 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH008 - Date : 2021 6 30

##### AUGUST 2021

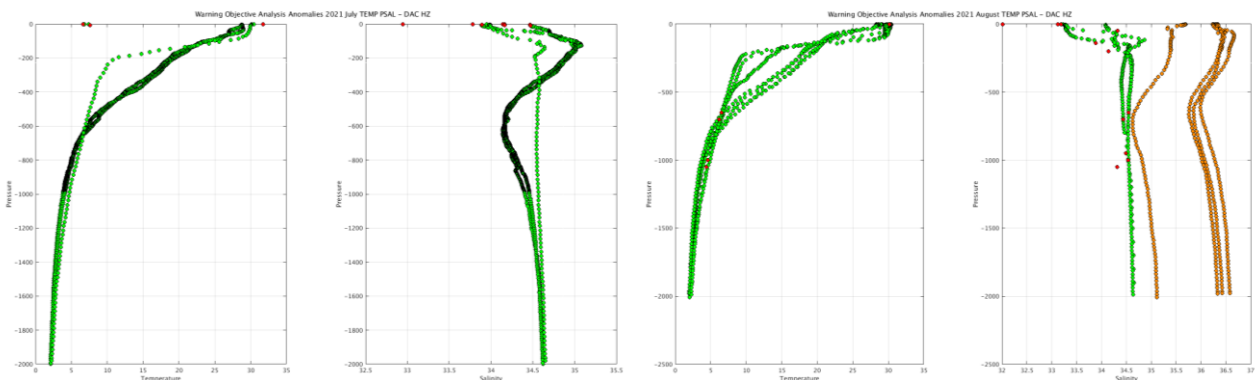
- Float : 2901548 - Cycle : 280 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6573 - Date : 2021 8 28
- Float : 2902709 - Cycle : 78 - PI : JIANPING XU - Data mode : A - Platform type : HM2000 - WMO inst type : 870 - FLOAT SERIAL : HM2000-2017-016 - Date : 2021 8 9
- Float : 2902747 - Cycle : 116 - PI : FEI CHAI - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32826-17CH002 - Date : 2021 7 13
- Float : 2902747 - Cycle : 117 - PI : FEI CHAI - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32826-17CH002 - Date : 2021 7 23
- Float : 2902747 - Cycle : 118 - PI : FEI CHAI - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32826-17CH002 - Date : 2021 8 2
- Float : 2902747 - Cycle : 119 - PI : FEI CHAI - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32826-17CH002 - Date : 2021 8 12
- Float : 2902817 - Cycle : 30 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH026 - Date : 2021 8 2

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

##### JULY 2021

- Float : 2902718 - Cycle : 22 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8248 - Date : 2018 9 7
- Float : 2902719 - Cycle : 17 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8249 - Date : 2018 7 12

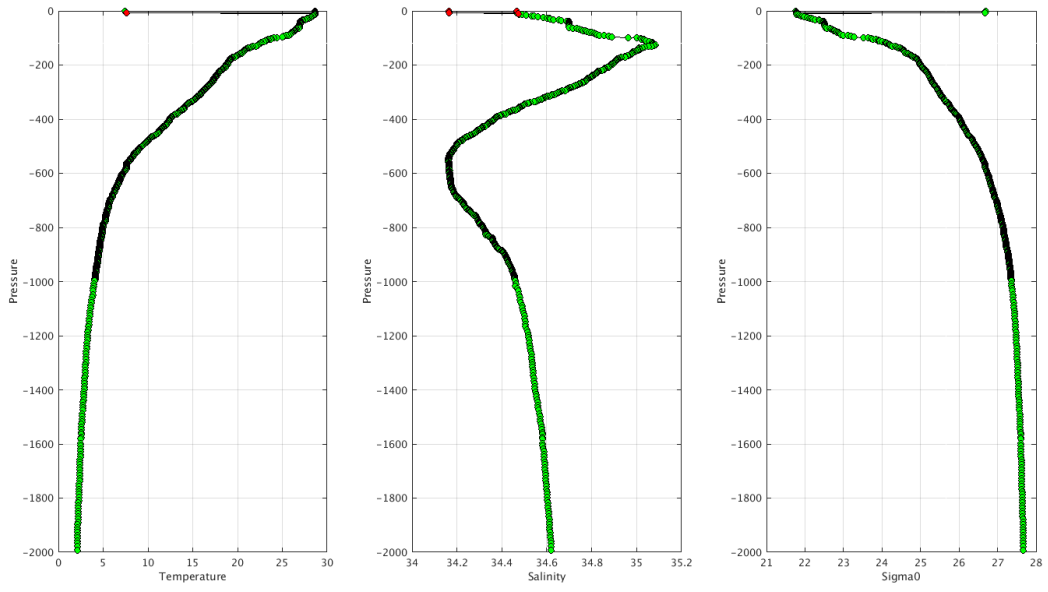
##### AUGUST 2021



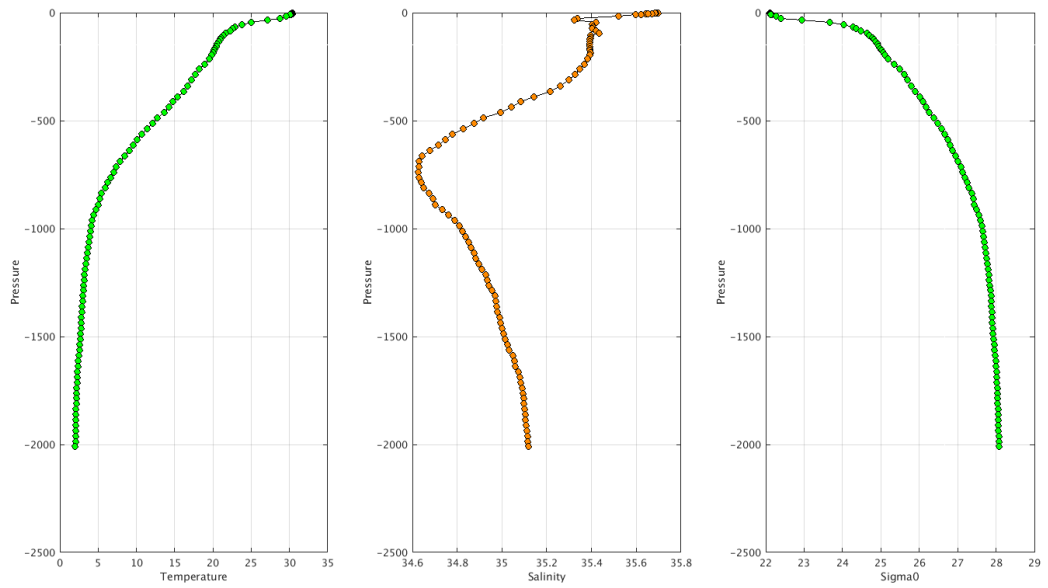
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/csio/>

#### Example of anomalies:

Warning Objective Analysis Anomalies 2021 July TEMP PSAL : DAC HZ- Float 2902719 - 17



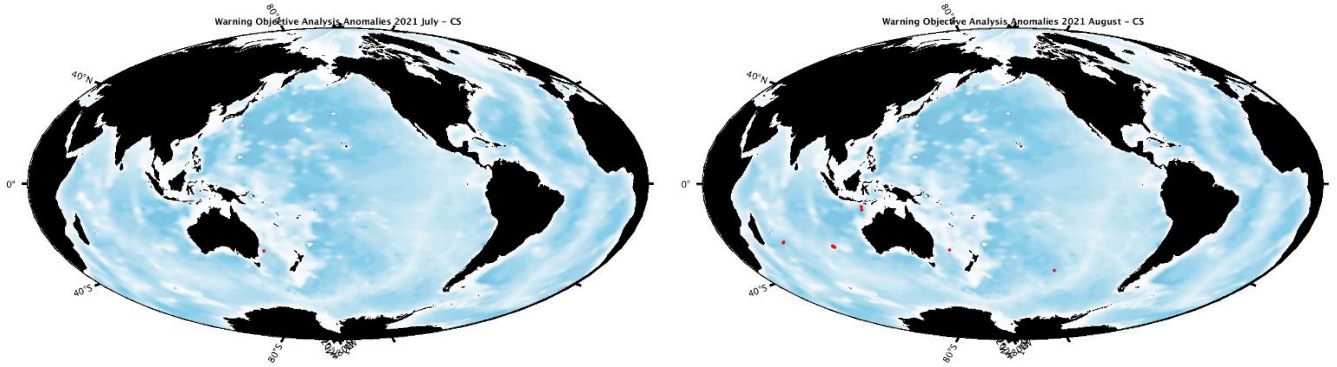
Warning Objective Analysis Anomalies 2021 August TEMP PSAL : DAC HZ- Float 2902747 - 116



#### 4.4. DAC CSIRO

Profiles detected by the objective analysis: 1 profile for July and 10 profiles for August (1 float for July and 6 floats for August, but floats can have several cycles with anomalies)

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



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

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

###### JULY 2021

Float : 5906635 - Cycle : 21 - PI : Tom Trull - Data mode : A - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P43208-20AU001 - Date : 2021 6 30

###### AUGUST 2021

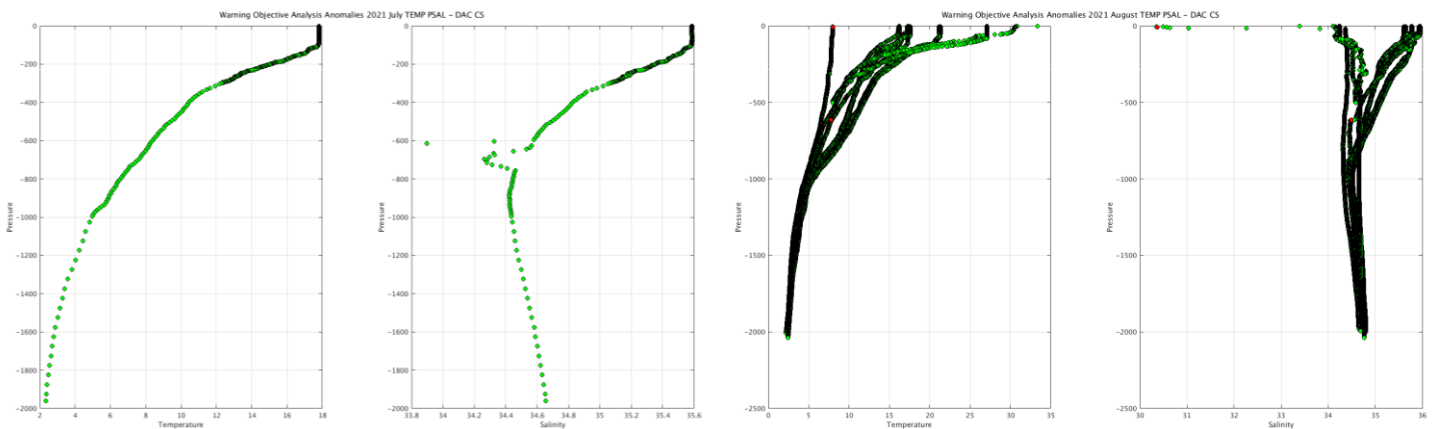
Float : 1901764 - Cycle : 15 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1235 - Date : 2021 8 18  
 Float : 1901764 - Cycle : 16 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1235 - Date : 2021 8 28  
 Float : 5904900 - Cycle : 252 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7049 - Date : 2021 8 20  
 Float : 5905174 - Cycle : 174 - PI : Susan Wijffels - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 694 - Date : 2021 7 29  
 Float : 5905174 - Cycle : 175 - PI : Susan Wijffels - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 694 - Date : 2021 8 8  
 Float : 5905174 - Cycle : 176 - PI : Susan Wijffels - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 694 - Date : 2021 8 18  
 Float : 5905174 - Cycle : 177 - PI : Susan Wijffels - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 694 - Date : 2021 8 28  
 Float : 5905193 - Cycle : 165 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7405 - Date : 2021 7 17  
 Float : 5905418 - Cycle : 105 - PI : Peter Oke - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-18AU001 - Date : 2021 8 23

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

###### JULY 2021

###### AUGUST 2021

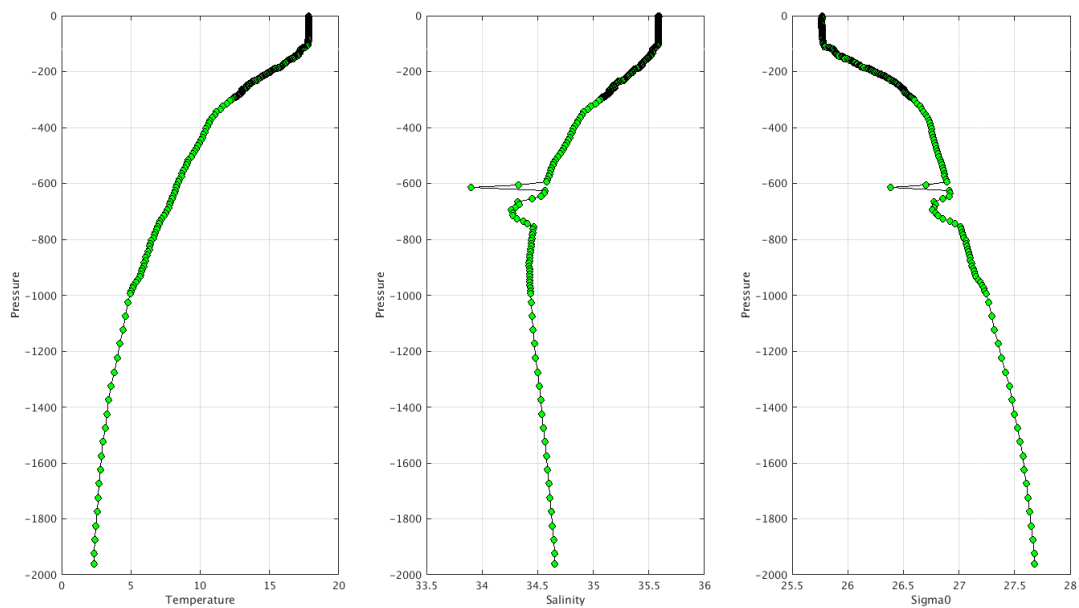
Float : 5905194 - Cycle : 156 - PI : Nick Hardman-Mountford - Data mode : D - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 527 - Date : 2018 4 5



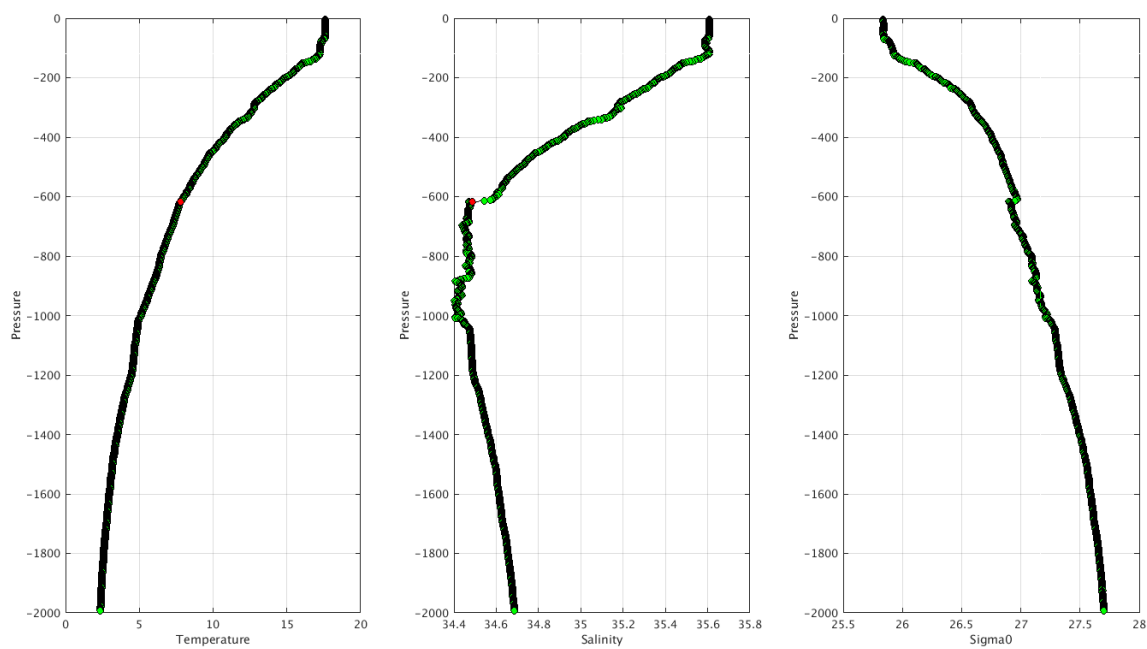
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/csiro/>

Example of anomalies:

Warning Objective Analysis Anomalies 2021 July TEMP PSAL : DAC CS- Float 5906635 - 21



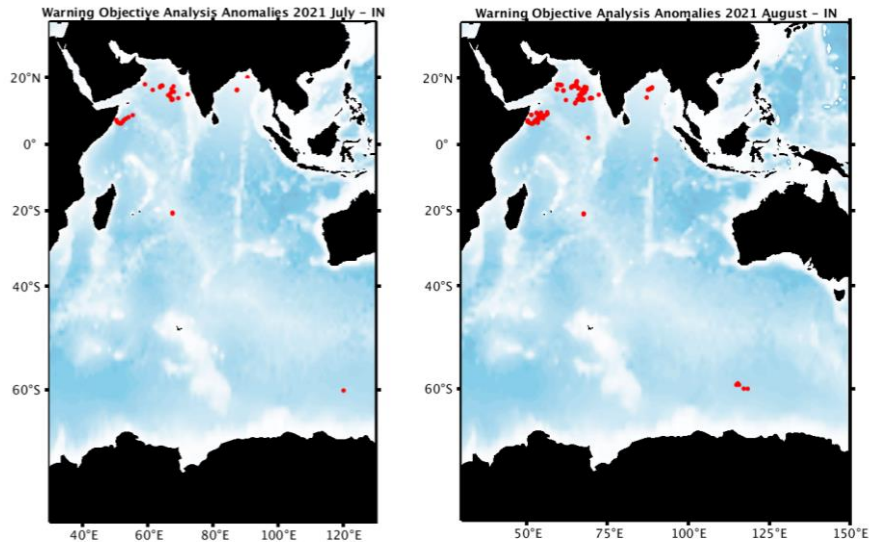
Warning Objective Analysis Anomalies 2021 August TEMP PSAL : DAC CS- Float 5905193 - 165



#### 4.5. DAC INCOIS

Profiles detected by the objective analysis: 33 profiles for July and 97 profiles for August (12 floats for July and 18 floats for August, but floats can have several cycles with anomalies)

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



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

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

##### JULY 2021

Float : 2902174 - Cycle : 405 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7124 - Date : 2021 4 20  
 Float : 2902185 - Cycle : 208 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2021 6 27  
 Float : 2902185 - Cycle : 209 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2021 7 7  
 Float : 2902199 - Cycle : 238 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7552 - Date : 2021 4 1  
 Float : 2902199 - Cycle : 241 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7552 - Date : 2021 5 1  
 Float : 2902199 - Cycle : 244 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7552 - Date : 2021 5 30  
 Float : 2902199 - Cycle : 245 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7552 - Date : 2021 6 9  
 Float : 2902199 - Cycle : 247 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7552 - Date : 2021 6 29  
 Float : 2902201 - Cycle : 195 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2021 6 29  
 Float : 2902205 - Cycle : 279 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2021 4 7  
 Float : 2902205 - Cycle : 283 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2021 5 17  
 Float : 2902205 - Cycle : 285 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2021 6 6  
 Float : 2902205 - Cycle : 288 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2021 7 6  
 Float : 2902209 - Cycle : 168 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021 3 26  
 Float : 2902209 - Cycle : 169 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021 4 4  
 Float : 2902209 - Cycle : 170 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021 4 14  
 Float : 2902209 - Cycle : 171 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021 4 24  
 Float : 2902209 - Cycle : 172 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021 5 4  
 Float : 2902209 - Cycle : 173 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021 5 14  
 Float : 2902209 - Cycle : 174 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021 5 24  
 Float : 2902209 - Cycle : 175 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021 6 2  
 Float : 2902209 - Cycle : 176 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021 6 12  
 Float : 2902209 - Cycle : 178 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021 7 2  
 Float : 2902211 - Cycle : 203 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 4 7  
 Float : 2902211 - Cycle : 207 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 5 17  
 Float : 2902211 - Cycle : 209 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 6 6  
 Float : 2902211 - Cycle : 212 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 7 6  
 Float : 2902222 - Cycle : 163 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2021 6 29  
 Float : 2902236 - Cycle : 295 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2021 7 3  
 Float : 2902236 - Cycle : 296 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2021 7 8  
 Float : 2902261 - Cycle : 124 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17114 - Date : 2021 6 30  
 Float : 2902268 - Cycle : 89 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2021 6 30  
 Float : 2902278 - Cycle : 154 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18006 - Date : 2021 7 3

##### AUGUST 2021

Float : 2901325 - Cycle : 118 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4726 - Date : 2014 8 12



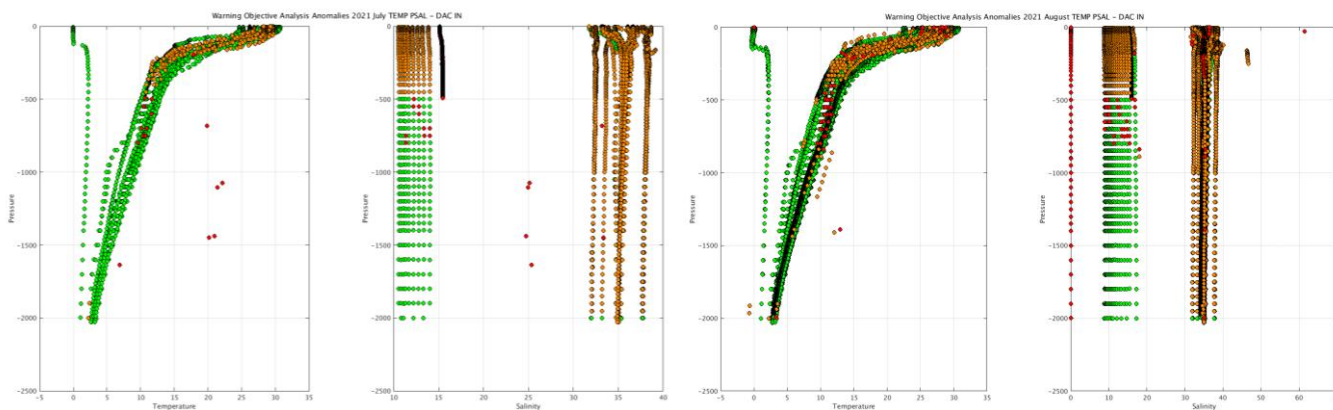


Float : 2902236 - Cycle : 301 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2021 8 2  
 Float : 2902236 - Cycle : 302 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2021 8 7  
 Float : 2902236 - Cycle : 303 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2021 8 12  
 Float : 2902236 - Cycle : 304 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2021 8 17  
 Float : 2902255 - Cycle : 186 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17108 - Date : 2020 4 5  
 Float : 2902261 - Cycle : 125 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17114 - Date : 2021 7 10  
 Float : 2902261 - Cycle : 126 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17114 - Date : 2021 7 20  
 Float : 2902261 - Cycle : 127 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17114 - Date : 2021 7 30  
 Float : 2902261 - Cycle : 128 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17114 - Date : 2021 8 9  
 Float : 2902261 - Cycle : 129 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17114 - Date : 2021 8 19  
 Float : 2902267 - Cycle : 93 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2021 8 8  
 Float : 2902267 - Cycle : 94 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2021 8 18  
 Float : 2902268 - Cycle : 90 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2021 7 10  
 Float : 2902268 - Cycle : 91 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2021 7 20  
 Float : 2902268 - Cycle : 92 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2021 7 30  
 Float : 2902270 - Cycle : 91 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8665 - Date : 2021 7 23  
 Float : 2902270 - Cycle : 92 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8665 - Date : 2021 8 2

**Files data\_mode='D'**

**JULY 2021**

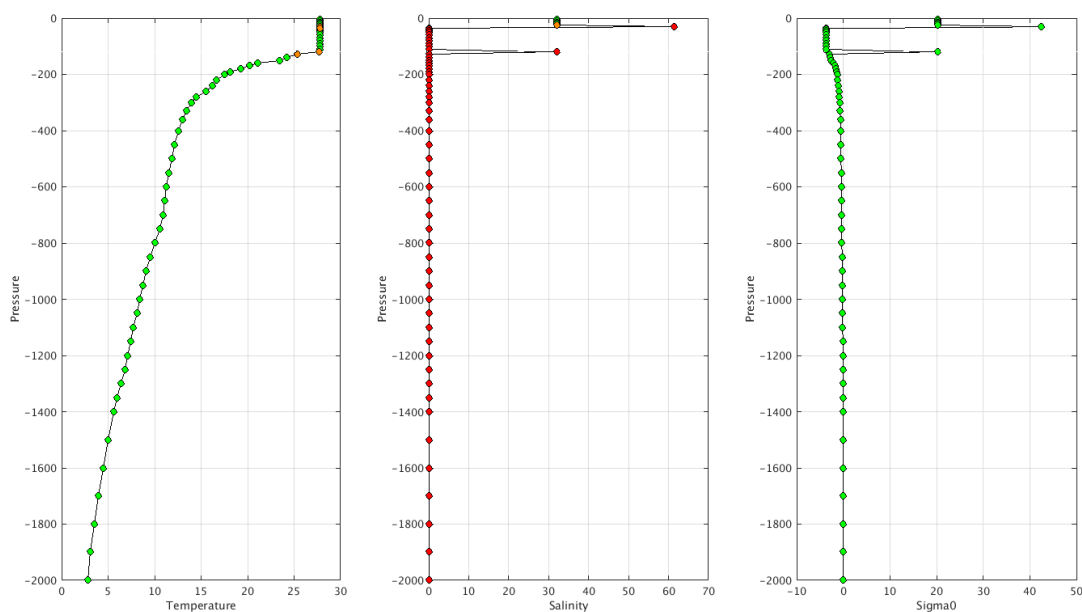
**AUGUST 2021**



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

**Example of anomalies:**

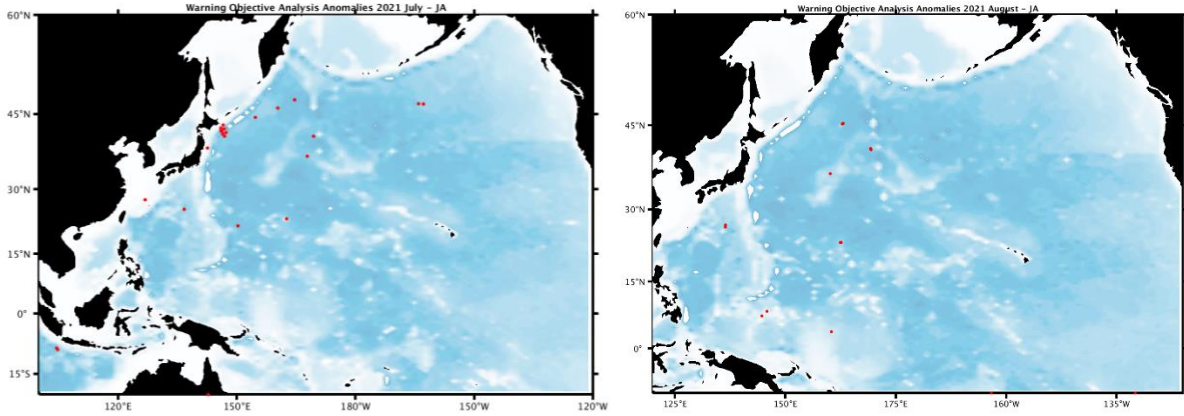
Warning Objective Analysis Anomalies 2021 August TEMP PSAL : DAC IN- Float 2902200 - 198



#### 4.6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 23 profiles for July and 26 profiles for August (16 floats for July and 8 floats for August, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
8 cycles	15 cycles	0 cycle
21 cycles	3 cycles	2 cycles



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

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

##### JULY 2021

Float : 2902529 - Cycle : 14 - PI : JAMSTEC - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7252 - Date : 2014 9 19  
 Float : 2902529 - Cycle : 16 - PI : JAMSTEC - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7252 - Date : 2014 9 30  
 Float : 2902529 - Cycle : 20 - PI : JAMSTEC - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7252 - Date : 2014 10 23  
 Float : 2902529 - Cycle : 21 - PI : JAMSTEC - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7252 - Date : 2014 10 29  
 Float : 2902529 - Cycle : 22 - PI : JAMSTEC - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7252 - Date : 2014 11 3  
 Float : 2902529 - Cycle : 24 - PI : JAMSTEC - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7252 - Date : 2014 11 15  
 Float : 2902535 - Cycle : 234 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0418 - Date : 2021 6 28  
 Float : 2903169 - Cycle : 136 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6203 - Date : 2014 9 10  
 Float : 2903171 - Cycle : 331 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6204 - Date : 2014 4 5  
 Float : 2903176 - Cycle : 386 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6207 - Date : 2014 8 17  
 Float : 2903176 - Cycle : 452 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6207 - Date : 2014 10 22  
 Float : 2903212 - Cycle : 128 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2021 6 23  
 Float : 2903384 - Cycle : 105 - PI : JMA - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8566 - Date : 2021 4 28  
 Float : 2903393 - Cycle : 48 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0956 - Date : 2021 2 13  
 Float : 2903396 - Cycle : 10 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0955 - Date : 2019 9 3  
 Float : 2903401 - Cycle : 89 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 50 - Date : 2021 7 2  
 Float : 2903610 - Cycle : 70 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8537 - Date : 2021 7 4  
 Float : 4902372 - Cycle : 150 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7847 - Date : 2021 7 2  
 Float : 4902984 - Cycle : 74 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8530 - Date : 2021 7 3  
 Float : 5905849 - Cycle : 105 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 33 - Date : 2021 3 21  
 Float : 5905865 - Cycle : 68 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8618 - Date : 2021 6 28  
 Float : 5905876 - Cycle : 89 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 48 - Date : 2021 6 28  
 Float : 5905876 - Cycle : 90 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 48 - Date : 2021 7 7

##### AUGUST 2021

Float : 2902535 - Cycle : 237 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0418 - Date : 2021 7 28  
 Float : 2902535 - Cycle : 239 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0418 - Date : 2021 8 17  
 Float : 2903212 - Cycle : 124 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2021 5 18  
 Float : 2903212 - Cycle : 125 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2021 5 27  
 Float : 2903212 - Cycle : 126 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2021 6 5  
 Float : 2903212 - Cycle : 129 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2021 7 2  
 Float : 2903212 - Cycle : 130 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2021 7 11  
 Float : 2903212 - Cycle : 131 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2021 7 22  
 Float : 2903212 - Cycle : 132 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2021 7 30  
 Float : 2903212 - Cycle : 133 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2021 8 8  
 Float : 2903212 - Cycle : 134 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2021 8 19  
 Float : 2903400 - Cycle : 91 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 49 - Date : 2021 7 26  
 Float : 2903400 - Cycle : 93 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 49 - Date : 2021 8 14  
 Float : 2903400 - Cycle : 94 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 49 - Date : 2021 8 24  
 Float : 2903401 - Cycle : 90 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 50 - Date : 2021 7 11  
 Float : 2903401 - Cycle : 91 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 50 - Date : 2021 7 20  
 Float : 2903401 - Cycle : 92 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 50 - Date : 2021 7 30

Float : 2903401 - Cycle : 93 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 50 - Date : 2021 8 8  
 Float : 2903401 - Cycle : 94 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 50 - Date : 2021 8 18  
 Float : 2903631 - Cycle : 264 - PI : Yoichi Tanimoto - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8901 - Date : 2021 8 19  
 Float : 3902392 - Cycle : 60 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8614 - Date : 2021 7 15  
 Float : 3902392 - Cycle : 61 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8614 - Date : 2021 7 25  
 Float : 3902392 - Cycle : 63 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8614 - Date : 2021 8 14  
 Float : 5905225 - Cycle : 103 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8418 - Date : 2021 7 11

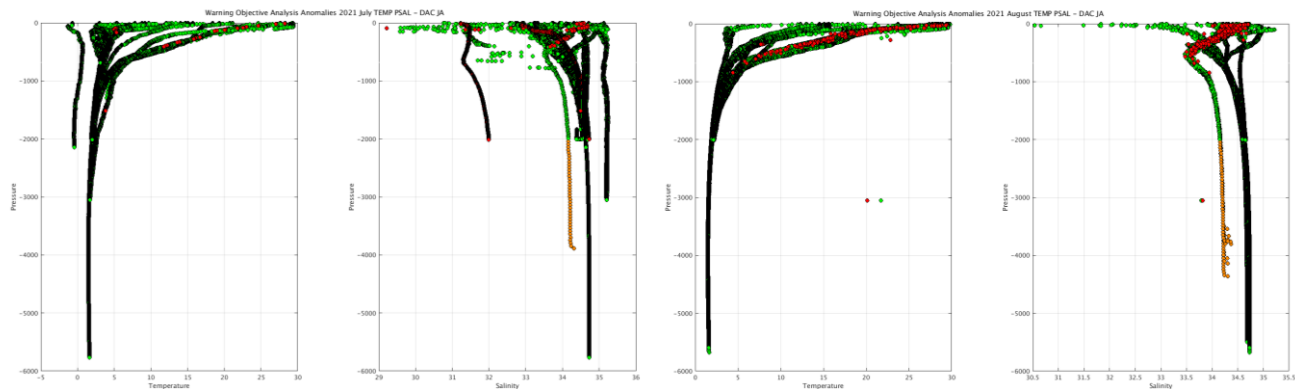
**Files data\_mode='D'**

**JULY 2021**

**AUGUST 2021**

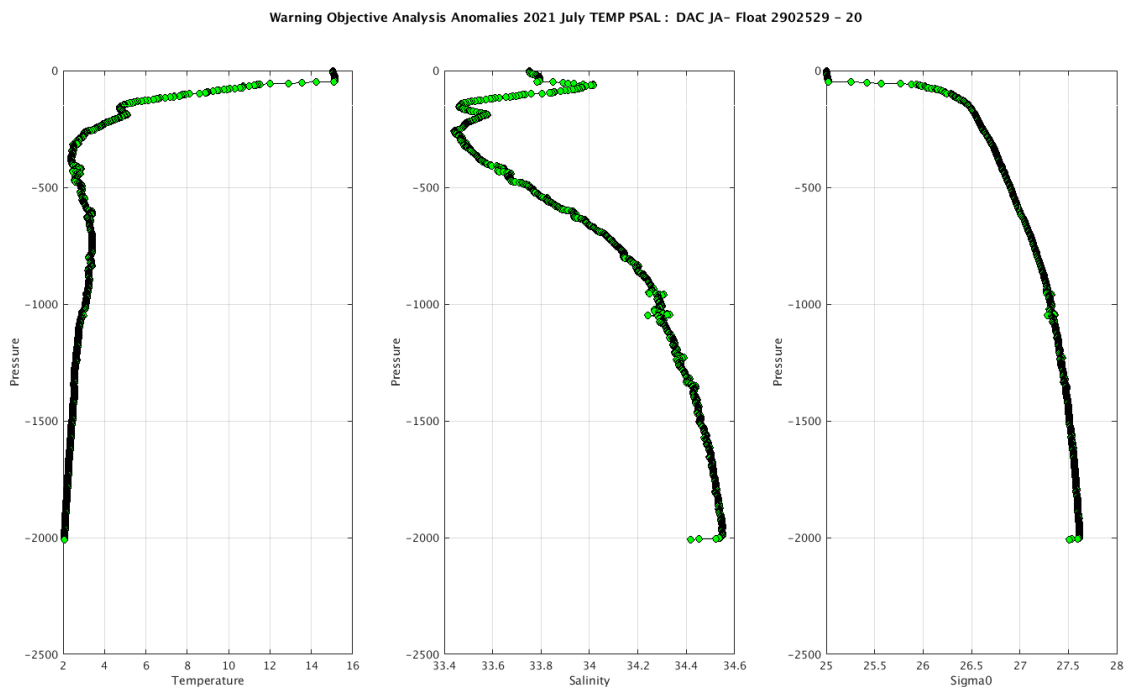
Float : 5900313 - Cycle : 87 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 787 - Date : 2005 7 18

Float : 5900313 - Cycle : 89 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 787 - Date : 2005 8 7

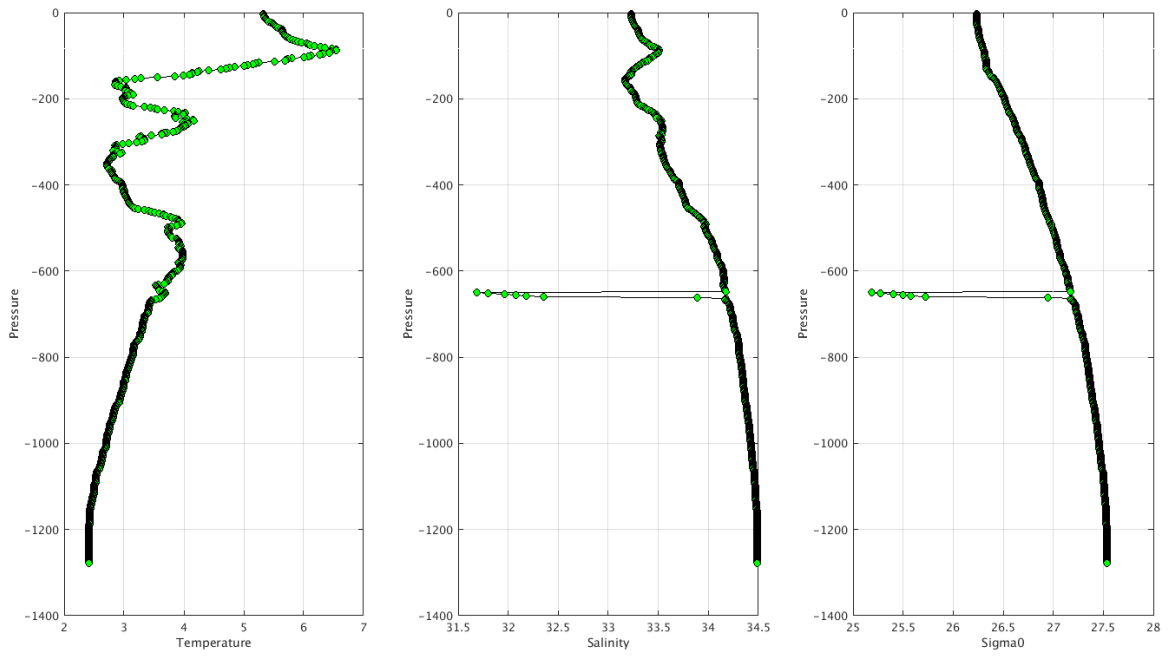


The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/ima/>

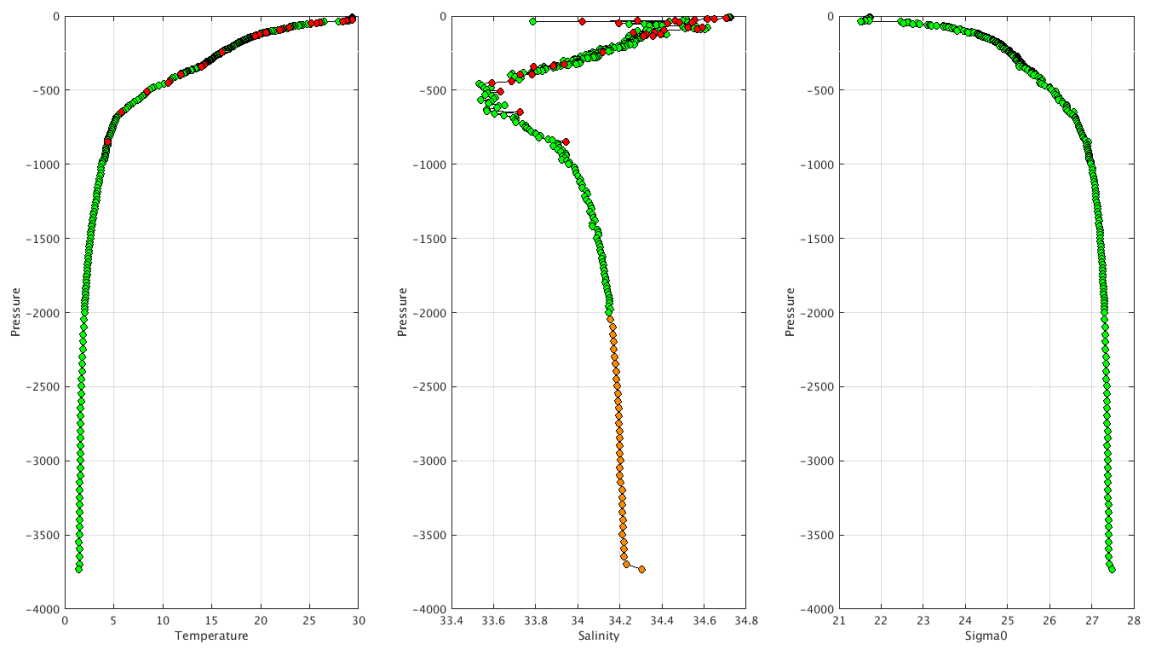
**Example of anomalies:**



Warning Objective Analysis Anomalies 2021 July TEMP PSAL : DAC JA- Float 2903171 - 331



Warning Objective Analysis Anomalies 2021 August TEMP PSAL : DAC JA- Float 2903212 - 133



#### 4.7. DAC KMA

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

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

**Status of corrections: 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/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	<b>R2900171_001.nc</b>
D2900171_007.nc	D2900171_015.nc	D2900171_023.nc	D2900171_033.nc	D2900171_041.nc	D2900171_049.nc	D2900171_057.nc	D2900171_065.nc	<b>R2900171_024.nc</b>
D2900171_008.nc	D2900171_016.nc	D2900171_026.nc	D2900171_034.nc	D2900171_042.nc	D2900171_050.nc	D2900171_058.nc	D2900171_066.nc	<b>R2900171_025.nc</b>
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/>

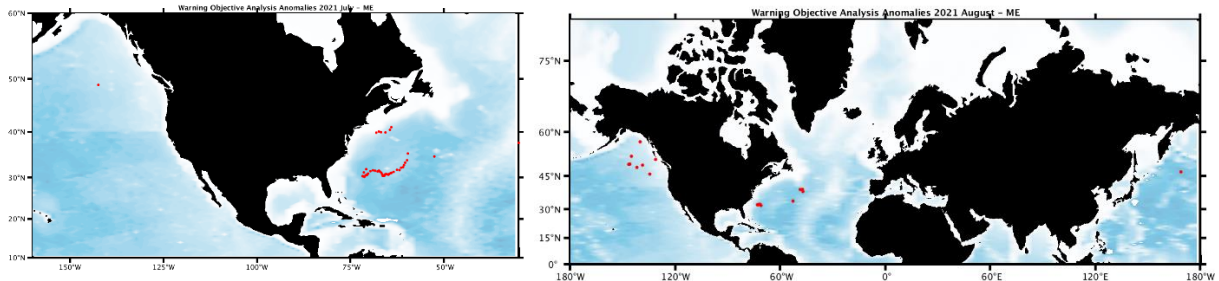
Example of anomalies:



## 4.9. DAC MEDS

Profiles detected by the objective analysis: 46 profiles for July and 20 profiles for August (5 floats, but 11 floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
2 cycles	0 cycle	44 cycles
11 cycles	7 cycles	2 cycles



**Status of corrections: In progress.**

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

#### JULY 2021

Float : 4902470 - Cycle : 81 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 7 1  
 Float : 4902501 - Cycle : 27 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260019CA30 - Date : 2021 6 29

#### AUGUST 2021

Float : 4901788 - Cycle : 208 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 204 - Date : 2021 8 1  
 Float : 4901788 - Cycle : 209 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 204 - Date : 2021 8 11  
 Float : 4901788 - Cycle : 210 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 204 - Date : 2021 8 21  
 Float : 4902462 - Cycle : 90 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2021 7 31  
 Float : 4902462 - Cycle : 91 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2021 8 10  
 Float : 4902462 - Cycle : 92 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2021 8 20  
 Float : 4902462 - Cycle : 93 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2021 8 30  
 Float : 4902470 - Cycle : 82 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 7 12  
 Float : 4902470 - Cycle : 83 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 7 22  
 Float : 4902470 - Cycle : 84 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 8 1  
 Float : 4902470 - Cycle : 85 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 8 11  
 Float : 4902470 - Cycle : 86 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 8 21  
 Float : 4902473 - Cycle : 70 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260019CA02 - Date : 2021 7 24  
 Float : 4902483 - Cycle : 74 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260019CA12 - Date : 2021 8 19  
 Float : 4902484 - Cycle : 74 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260019CA13 - Date : 2021 7 10  
 Float : 4902501 - Cycle : 32 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260019CA30 - Date : 2021 8 19  
 Float : 4902546 - Cycle : 34 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260020CA31 - Date : 2021 7 10  
 Float : 4902555 - Cycle : 18 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 263220CA40 - Date : 2021 7 31

### Files data\_mode='D'

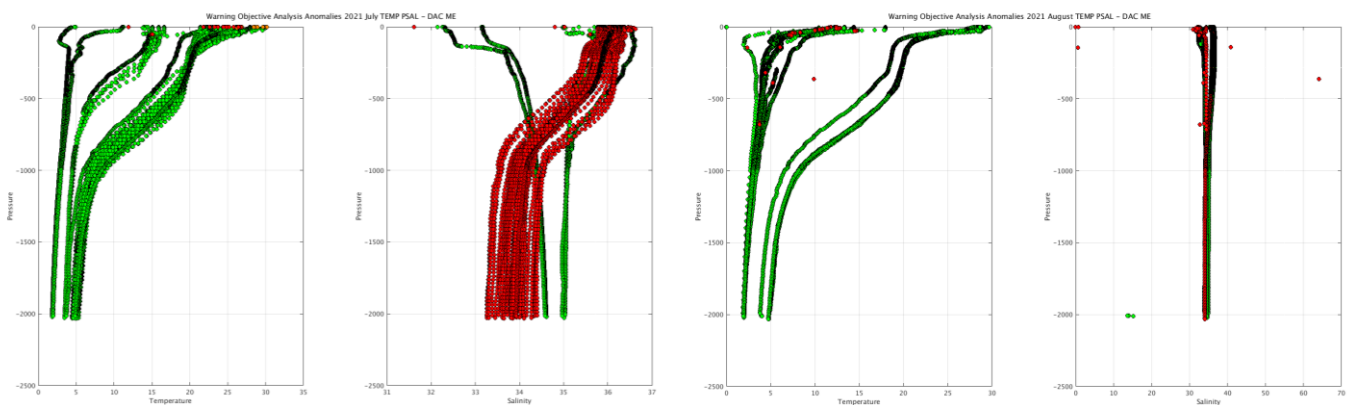
#### JULY 2021

Float : 4902441 - Cycle : 94 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA04 - Date : 2021 4 17  
 Float : 4902441 - Cycle : 95 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA04 - Date : 2021 4 27  
 Float : 4902441 - Cycle : 96 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA04 - Date : 2021 5 7  
 Float : 4902441 - Cycle : 97 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA04 - Date : 2021 5 17  
 Float : 4902441 - Cycle : 98 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA04 - Date : 2021 5 27  
 Float : 4902441 - Cycle : 99 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA04 - Date : 2021 6 6  
 Float : 4902459 - Cycle : 104 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 595 - Date : 2021 5 17  
 Float : 4902470 - Cycle : 42 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 6 6  
 Float : 4902470 - Cycle : 44 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 6 26  
 Float : 4902470 - Cycle : 45 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 7 6  
 Float : 4902470 - Cycle : 46 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 7 16  
 Float : 4902470 - Cycle : 47 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 7 26  
 Float : 4902470 - Cycle : 48 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 8 5  
 Float : 4902470 - Cycle : 49 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 8 15  
 Float : 4902470 - Cycle : 50 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 8 25  
 Float : 4902470 - Cycle : 51 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 9 4  
 Float : 4902470 - Cycle : 52 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 9 14  
 Float : 4902470 - Cycle : 53 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 9 24  
 Float : 4902470 - Cycle : 54 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 10 4  
 Float : 4902470 - Cycle : 55 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 10 14  
 Float : 4902470 - Cycle : 56 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 10 24

Float : 4902470 - Cycle : 57 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 11 3  
 Float : 4902470 - Cycle : 58 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 11 13  
 Float : 4902470 - Cycle : 59 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 11 23  
 Float : 4902470 - Cycle : 60 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 12 3  
 Float : 4902470 - Cycle : 61 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 12 13  
 Float : 4902470 - Cycle : 62 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 12 23  
 Float : 4902470 - Cycle : 63 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 1 2  
 Float : 4902470 - Cycle : 64 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 1 12  
 Float : 4902470 - Cycle : 65 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 1 22  
 Float : 4902470 - Cycle : 66 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 2 1  
 Float : 4902470 - Cycle : 67 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 2 11  
 Float : 4902470 - Cycle : 68 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 2 21  
 Float : 4902470 - Cycle : 69 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 3 3  
 Float : 4902470 - Cycle : 70 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 3 13  
 Float : 4902470 - Cycle : 71 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 3 23  
 Float : 4902470 - Cycle : 72 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 4 2  
 Float : 4902470 - Cycle : 73 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 4 12  
 Float : 4902470 - Cycle : 74 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 4 22  
 Float : 4902470 - Cycle : 75 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 5 2  
 Float : 4902470 - Cycle : 76 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 5 12  
 Float : 4902470 - Cycle : 77 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 5 22  
 Float : 4902470 - Cycle : 78 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 6 1  
 Float : 4902555 - Cycle : 15 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 263220CA40 - Date : 2021 7 1

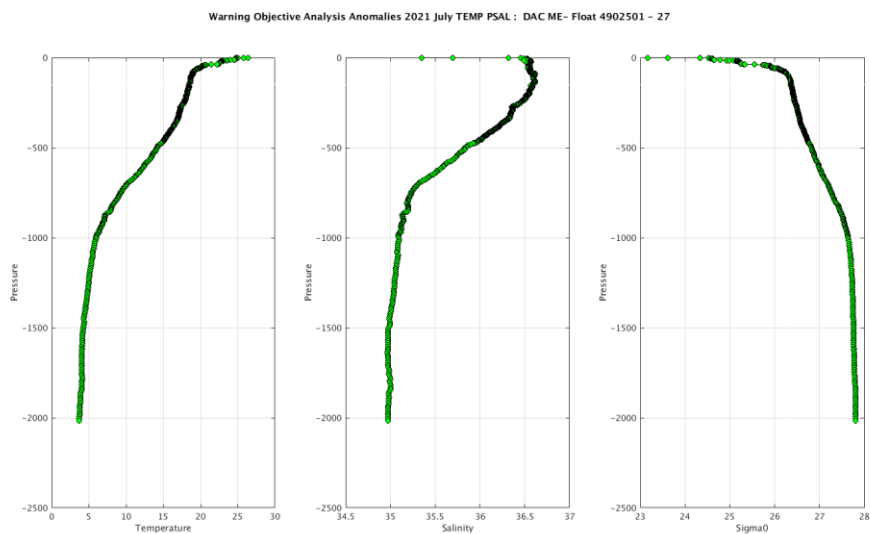
**AUGUST 2021**

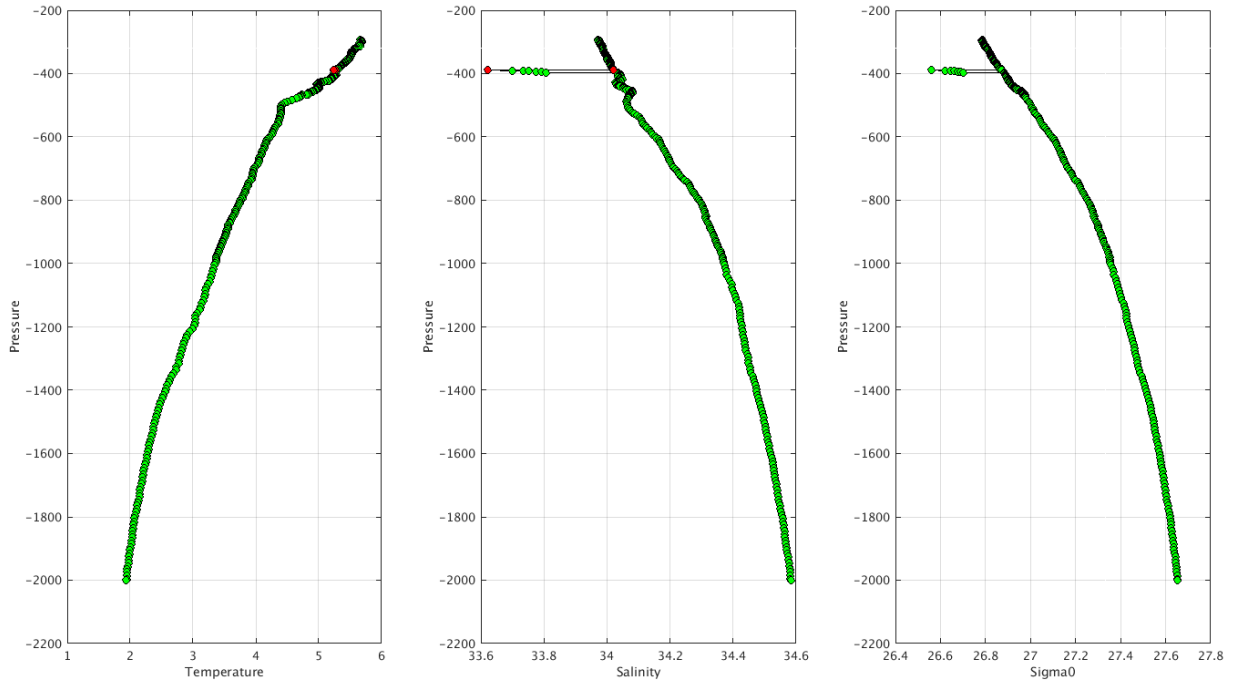
Float : 2900456 - Cycle : 36 - PI : Blair Greenan - Data mode : D - Platform type : APEX-SBE - WMO inst type : 846 - FLOAT SERIAL : 1333 - Date : 2005 8 13  
 Float : 4902474 - Cycle : 9 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260019CA03 - Date : 2019 11 11



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

Example of anomalies:





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

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

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



## 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 onlmy one surface position then tech files are obsolete and traj files quite useless.

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

**DAC name : aoml – Number of floats : 7887**

1900167 - Existing NetCDF files

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

3900148 - Existing NetCDF files

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

1900168 - Existing NetCDF files

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

3900160 - Existing NetCDF files

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

1900189 - Existing NetCDF files

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

41534 - Existing NetCDF files

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

1900244 - Existing NetCDF files

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

4900228 - Existing NetCDF files

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

1900245 - Existing NetCDF files

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

4900229 - Existing NetCDF files

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

1900255 - Existing NetCDF files

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

4900230 - Existing NetCDF files

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

1900257 - Existing NetCDF files

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

4900268 - Existing NetCDF files

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

1900748 - Existing NetCDF files

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

4900269 - Existing NetCDF files

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

1900831 - Existing NetCDF files

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

4900270 - Existing NetCDF files

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

1901658 - Existing NetCDF files

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

4900271 - Existing NetCDF files

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

2901106 - Existing NetCDF files

File : 2901106\_Rtraj.nc - 2901106\_meta.nc - 2901106\_tech.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 monopprofile, no trajectory)



**MAINLY TRAJECTORY FILE MISSING**

See below the list of floats with existing nc files :

**DAC name : bodc – Number of floats : 796**

1901312 - Existing NetCDF files

File : 1901312\_meta.nc - 1901312\_prof.nc - 1901312\_tech.nc -

1901844 - Existing NetCDF files

File : 1901844\_meta.nc - 1901844\_prof.nc - 1901844\_tech.nc -

1901845 - Existing NetCDF files

File : 1901845\_meta.nc - 1901845\_prof.nc - 1901845\_tech.nc -

1901846 - Existing NetCDF files

File : 1901846\_meta.nc - 1901846\_prof.nc - 1901846\_tech.nc -

1901847 - Existing NetCDF files

File : 1901847\_meta.nc - 1901847\_prof.nc - 1901847\_tech.nc -

1901848 - Existing NetCDF files

File : 1901848\_meta.nc - 1901848\_prof.nc - 1901848\_tech.nc -

1901849 - Existing NetCDF files

File : 1901849\_meta.nc - 1901849\_prof.nc - 1901849\_tech.nc -

1901850 - Existing NetCDF files

File : 1901850\_meta.nc - 1901850\_prof.nc - 1901850\_tech.nc -

1901851 - Existing NetCDF files

File : 1901851\_meta.nc - 1901851\_prof.nc - 1901851\_tech.nc -

1901852 - Existing NetCDF files

File : 1901852\_meta.nc - 1901852\_prof.nc - 1901852\_tech.nc -

1901853 - Existing NetCDF files

File : 1901853\_meta.nc - 1901853\_prof.nc - 1901853\_tech.nc -

1901854 - Existing NetCDF files

File : 1901854\_meta.nc - 1901854\_prof.nc - 1901854\_tech.nc -

1901855 - Existing NetCDF files

File : 1901855\_meta.nc - 1901855\_prof.nc - 1901855\_tech.nc -

1901856 - Existing NetCDF files

File : 1901856\_meta.nc - 1901856\_prof.nc - 1901856\_tech.nc -

1901857 - Existing NetCDF files

File : 1901857\_meta.nc - 1901857\_prof.nc - 1901857\_tech.nc -

1901858 - Existing NetCDF files

File : 1901858\_meta.nc - 1901858\_prof.nc - 1901858\_tech.nc -

1901859 - Existing NetCDF files

File : 1901859\_meta.nc - 1901859\_prof.nc - 1901859\_tech.nc -

1901860 - Existing NetCDF files

File : 1901860\_meta.nc - 1901860\_prof.nc - 1901860\_tech.nc -

1901861 - Existing NetCDF files

File : 1901861\_meta.nc - 1901861\_prof.nc - 1901861\_tech.nc -

1901862 - Existing NetCDF files

File : 1901862\_meta.nc - 1901862\_prof.nc - 1901862\_tech.nc -

1901863 - Existing NetCDF files

File : 1901863\_meta.nc - 1901863\_prof.nc - 1901863\_tech.nc -

1901864 - Existing NetCDF files

File : 1901864\_meta.nc - 1901864\_prof.nc - 1901864\_tech.nc -

1901865 - Existing NetCDF files

File : 1901865\_meta.nc - 1901865\_prof.nc - 1901865\_tech.nc -

1901866 - Existing NetCDF files

File : 1901866\_meta.nc - 1901866\_prof.nc - 1901866\_tech.nc -

1901867 - Existing NetCDF files

File : 1901867\_meta.nc - 1901867\_prof.nc - 1901867\_tech.nc -

1901868 - Existing NetCDF files

File : 1901868\_meta.nc - 1901868\_prof.nc - 1901868\_tech.nc -

1901869 - Existing NetCDF files

File : 1901869\_meta.nc - 1901869\_prof.nc - 1901869\_tech.nc -

1901870 - Existing NetCDF files

File : 1901870\_meta.nc - 1901870\_prof.nc - 1901870\_tech.nc -

1901871 - Existing NetCDF files

File : 1901871\_meta.nc - 1901871\_prof.nc - 1901871\_tech.nc -

1901872 - Existing NetCDF files

File : 1901872\_meta.nc - 1901872\_prof.nc - 1901872\_tech.nc -

1901873 - Existing NetCDF files

File : 1901873\_meta.nc - 1901873\_prof.nc - 1901873\_tech.nc -

1901875 - Existing NetCDF files

File : 1901875\_meta.nc - 1901875\_prof.nc - 1901875\_tech.nc -

1901876 - Existing NetCDF files

File : 1901876\_meta.nc - 1901876\_prof.nc - 1901876\_tech.nc -

1901877 - Existing NetCDF files

File : 1901877\_meta.nc - 1901877\_prof.nc - 1901877\_tech.nc -

1901878 - Existing NetCDF files

File : 1901878\_meta.nc - 1901878\_prof.nc - 1901878\_tech.nc -

1901879 - Existing NetCDF files

File : 1901879\_meta.nc - 1901879\_prof.nc - 1901879\_tech.nc -

1901880 - Existing NetCDF files

File : 1901880\_meta.nc - 1901880\_prof.nc - 1901880\_tech.nc -

1901881 - Existing NetCDF files

File : 1901881\_meta.nc - 1901881\_prof.nc - 1901881\_tech.nc -

1901882 - Existing NetCDF files

File : 1901882\_meta.nc - 1901882\_prof.nc - 1901882\_tech.nc -

1901883 - Existing NetCDF files

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

1901884 - Existing NetCDF files

File : 1901884\_meta.nc - 1901884\_prof.nc - 1901884\_tech.nc -

1901885 - Existing NetCDF files  
File : 1901885\_meta.nc - 1901885\_prof.nc - 1901885\_tech.nc -

1901886 - Existing NetCDF files  
File : 1901886\_meta.nc - 1901886\_prof.nc - 1901886\_tech.nc -

1901887 - Existing NetCDF files  
File : 1901887\_meta.nc - 1901887\_prof.nc - 1901887\_tech.nc -

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  
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1901901 - Existing NetCDF files  
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1901902 - Existing NetCDF files  
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1901903 - Existing NetCDF files  
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1901904 - Existing NetCDF files  
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1901906 - Existing NetCDF files  
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1901907 - Existing NetCDF files  
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1901909 - Existing NetCDF files  
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1901910 - Existing NetCDF files  
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1901911 - Existing NetCDF files  
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1901912 - Existing NetCDF files  
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1901914 - Existing NetCDF files  
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1901921 - Existing NetCDF files  
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1902079 - Existing NetCDF files  
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1902080 - Existing NetCDF files  
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2901891 - Existing NetCDF files

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2901895 - Existing NetCDF files  
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2901896 - Existing NetCDF files  
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3900538 - Existing NetCDF files  
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3900560 - Existing NetCDF files  
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3901488 - Existing NetCDF files  
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3901489 - Existing NetCDF files  
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3901490 - Existing NetCDF files  
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3901491 - Existing NetCDF files  
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3901493 - Existing NetCDF files  
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3901499 - Existing NetCDF files  
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3901500 - Existing NetCDF files  
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3901501 - Existing NetCDF files  
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3901502 - Existing NetCDF files  
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3901503 - Existing NetCDF files  
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3901504 - Existing NetCDF files  
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3901505 - Existing NetCDF files  
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3901506 - Existing NetCDF files  
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3901517 - Existing NetCDF files  
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3901567 - Existing NetCDF files  
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3902398 - Existing NetCDF files  
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3902399 - Existing NetCDF files  
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3902400 - Existing NetCDF files  
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3902402 - Existing NetCDF files  
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3902403 - Existing NetCDF files  
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49065 - Existing NetCDF files  
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6901153 - Existing NetCDF files  
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6901170 - Existing NetCDF files  
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6901171 - Existing NetCDF files  
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6901184 - Existing NetCDF files  
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6901185 - Existing NetCDF files  
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6901188 - Existing NetCDF files  
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6901189 - Existing NetCDF files  
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6901190 - Existing NetCDF files  
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6901191 - Existing NetCDF files  
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6901192 - Existing NetCDF files  
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6901193 - Existing NetCDF files  
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6901194 - Existing NetCDF files  
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6901195 - Existing NetCDF files  
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6901197 - Existing NetCDF files  
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6901198 - Existing NetCDF files  
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6901199 - Existing NetCDF files

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6901200 - Existing NetCDF files  
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6901201 - Existing NetCDF files  
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6901202 - Existing NetCDF files  
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6901205 - Existing NetCDF files  
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6901207 - Existing NetCDF files  
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6901208 - Existing NetCDF files  
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6901211 - Existing NetCDF files  
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6901212 - Existing NetCDF files  
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6901213 - Existing NetCDF files  
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6901214 - Existing NetCDF files  
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6901215 - Existing NetCDF files  
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6901919 - Existing NetCDF files  
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6901920 - Existing NetCDF files  
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6901921 - Existing NetCDF files  
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6901922 - Existing NetCDF files  
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6901923 - Existing NetCDF files  
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6901924 - Existing NetCDF files  
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6901925 - Existing NetCDF files  
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6901926 - Existing NetCDF files  
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6901927 - Existing NetCDF files  
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6901928 - Existing NetCDF files  
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6903715 - Existing NetCDF files  
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6903716 - Existing NetCDF files  
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6903717 - Existing NetCDF files  
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6903718 - Existing NetCDF files  
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6903719 - Existing NetCDF files  
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6903720 - Existing NetCDF files  
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6903721 - Existing NetCDF files  
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6903723 - Existing NetCDF files  
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6903724 - Existing NetCDF files  
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6903725 - Existing NetCDF files  
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6903726 - Existing NetCDF files  
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6903727 - Existing NetCDF files  
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6903751 - Existing NetCDF files  
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6903752 - Existing NetCDF files  
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6903753 - Existing NetCDF files  
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6903754 - Existing NetCDF files  
File : 6903754\_meta.nc - 6903754\_prof.nc - 6903754\_tech.nc -  
6903755 - Existing NetCDF files  
File : 6903755\_meta.nc - 6903755\_prof.nc - 6903755\_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 : 3253**

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 -

6901870 - Existing NetCDF files

File : 6901870\_Rtraj.nc - 6901870\_meta.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 -

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 : 472**

## 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 : 1011**

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

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5905205 - Existing NetCDF files

File : 5905205\_meta.nc - 5905205\_prof.nc - 5905205\_tech.nc -

5905389 - Existing NetCDF files

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5905390 - Existing NetCDF files

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5905393 - Existing NetCDF files

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5905394 - Existing NetCDF files

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5905410 - Existing NetCDF files

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5905411 - Existing NetCDF files

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5905412 - Existing NetCDF files

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5905413 - Existing NetCDF files

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5905419 - Existing NetCDF files

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5905420 - Existing NetCDF files

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5905421 - Existing NetCDF files

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5905430 - Existing NetCDF files

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5905431 - Existing NetCDF files

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5905432 - Existing NetCDF files

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5905454 - Existing NetCDF files

File : 5905454\_meta.nc - 5905454\_prof.nc - 5905454\_tech.nc -

5905468 - Existing NetCDF files

File : 5905468\_Rtraj.nc - 5905468\_meta.nc - 5905468\_tech.nc -

7900638 - Existing NetCDF files

File : 7900638\_meta.nc - 7900638\_prof.nc - 7900638\_tech.nc -

7900639 - Existing NetCDF files

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7900640 - Existing NetCDF files

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7900641 - Existing NetCDF files

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7900642 - Existing NetCDF files

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7900643 - Existing NetCDF files

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7900646 - Existing NetCDF files

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7900647 - Existing NetCDF files

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7900648 - Existing NetCDF files

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7900649 - Existing NetCDF files

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7900650 - Existing NetCDF files

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7900651 - Existing NetCDF files

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7900891 - Existing NetCDF files

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7900892 - Existing NetCDF files

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7900894 - Existing NetCDF files

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7900899 - Existing NetCDF files

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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 : 492

2900268 - Existing NetCDF files

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

2900275 - Existing NetCDF files

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

2900767 - Existing NetCDF files

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

2902126 - Existing NetCDF files

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

2902229 - Existing NetCDF files

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

2902230 - Existing NetCDF files

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

2902231 - Existing NetCDF files

File : 2902231\_meta.nc - 2902231\_prof.nc - 2902231\_tech.nc -

2902232 - Existing NetCDF files

File : 2902232\_meta.nc - 2902232\_prof.nc - 2902232\_tech.nc -

2902233 - Existing NetCDF files

File : 2902233\_meta.nc - 2902233\_prof.nc - 2902233\_tech.nc -

2902234 - Existing NetCDF files

File : 2902234\_meta.nc - 2902234\_prof.nc - 2902234\_tech.nc -

2902235 - Existing NetCDF files

File : 2902235\_meta.nc - 2902235\_prof.nc - 2902235\_tech.nc -

2902236 - Existing NetCDF files

File : 2902236\_meta.nc - 2902236\_prof.nc - 2902236\_tech.nc -

2902246 - Existing NetCDF files

File : 2902246\_meta.nc - 2902246\_prof.nc - 2902246\_tech.nc -

2902248 - Existing NetCDF files

File : 2902248\_meta.nc - 2902248\_prof.nc - 2902248\_tech.nc -

2902249 - Existing NetCDF files

File : 2902249\_meta.nc - 2902249\_prof.nc - 2902249\_tech.nc -

2902250 - Existing NetCDF files

File : 2902250\_meta.nc - 2902250\_prof.nc - 2902250\_tech.nc -

2902251 - Existing NetCDF files

File : 2902251\_meta.nc - 2902251\_prof.nc - 2902251\_tech.nc -

2902252 - Existing NetCDF files

File : 2902252\_meta.nc - 2902252\_prof.nc - 2902252\_tech.nc -

2902253 - Existing NetCDF files

File : 2902253\_meta.nc - 2902253\_prof.nc - 2902253\_tech.nc -

2902254 - Existing NetCDF files

File : 2902254\_meta.nc - 2902254\_prof.nc - 2902254\_tech.nc -

2902255 - Existing NetCDF files

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2902256 - Existing NetCDF files  
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2902257 - Existing NetCDF files  
File : 2902257\_meta.nc - 2902257\_prof.nc - 2902257\_tech.nc -

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

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

2902260 - Existing NetCDF files  
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2902261 - Existing NetCDF files  
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2902262 - Existing NetCDF files  
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2902265 - Existing NetCDF files  
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2902266 - Existing NetCDF files  
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2902267 - Existing NetCDF files  
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2902268 - Existing NetCDF files  
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2902269 - Existing NetCDF files  
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2902278 - Existing NetCDF files  
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2902279 - Existing NetCDF files  
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2902280 - Existing NetCDF files  
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2902281 - Existing NetCDF files  
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2902282 - Existing NetCDF files  
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2902283 - Existing NetCDF files  
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2902284 - Existing NetCDF files  
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2902285 - Existing NetCDF files  
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2902286 - Existing NetCDF files  
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2902287 - Existing NetCDF files  
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2902288 - Existing NetCDF files  
File : 2902288\_meta.nc - 2902288\_prof.nc - 2902288\_tech.nc -

2902289 - Existing NetCDF files  
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2902290 - Existing NetCDF files  
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2902291 - Existing NetCDF files  
File : 2902291\_meta.nc - 2902291\_prof.nc - 2902291\_tech.nc -

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

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

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

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

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

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

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

## 7.7. JMA

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

#### Checking of the status of each float.

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

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

-Others : 8 floats

## need further investigation

### For some floats :

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

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

#### DAC name : jma – Number of floats : 1848

1902074 - Existing NetCDF files

File : 1902074\_meta.nc - 1902074\_prof.nc -

1902075 - Existing NetCDF files

File : 1902075\_meta.nc - 1902075\_prof.nc -

1902332 - Existing NetCDF files

File : 1902332\_Sprof.nc - 1902332\_meta.nc - 1902332\_prof.nc -

1902333 - Existing NetCDF files

File : 1902333\_meta.nc - 1902333\_prof.nc -

1902335 - Existing NetCDF files

File : 1902335\_meta.nc - 1902335\_prof.nc -

1902336 - Existing NetCDF files

File : 1902336\_meta.nc - 1902336\_prof.nc -

1902337 - Existing NetCDF files

File : 1902337\_meta.nc - 1902337\_prof.nc -

1902339 - Existing NetCDF files

File : 1902339\_meta.nc - 1902339\_prof.nc -

1902340 - Existing NetCDF files

File : 1902340\_meta.nc - 1902340\_prof.nc -

2901998 - Existing NetCDF files

File : 2901998\_meta.nc - 2901998\_prof.nc -

2902455 - Existing NetCDF files

File : 2902455\_Rtraj.nc - 2902455\_meta.nc - 2902455\_tech.nc -

2902469 - Existing NetCDF files

File : 2902469\_Rtraj.nc - 2902469\_meta.nc - 2902469\_tech.nc -

2902508 - Existing NetCDF files

File : 2902508\_meta.nc - 2902508\_prof.nc -

2902509 - Existing NetCDF files

File : 2902509\_meta.nc - 2902509\_prof.nc -

2902510 - Existing NetCDF files

File : 2902510\_meta.nc - 2902510\_prof.nc -

2902529 - Existing NetCDF files

File : 2902529\_Sprof.nc - 2902529\_meta.nc - 2902529\_prof.nc -

2902530 - Existing NetCDF files

File : 2902530\_Sprof.nc - 2902530\_meta.nc - 2902530\_prof.nc -

2902971 - Existing NetCDF files

File : 2902971\_meta.nc - 2902971\_prof.nc -

2902977 - Existing NetCDF files

File : 2902977\_Rtraj.nc - 2902977\_meta.nc - 2902977\_tech.nc -

2902978 - Existing NetCDF files

File : 2902978\_Rtraj.nc - 2902978\_meta.nc - 2902978\_tech.nc -

2903005 - Existing NetCDF files

File : 2903005\_meta.nc - 2903005\_prof.nc -

2903006 - Existing NetCDF files

File : 2903006\_Sprof.nc - 2903006\_meta.nc - 2903006\_prof.nc -

2903007 - Existing NetCDF files

File : 2903007\_Sprof.nc - 2903007\_meta.nc - 2903007\_prof.nc -

2903008 - Existing NetCDF files

File : 2903008\_Sprof.nc - 2903008\_meta.nc - 2903008\_prof.nc -

2903009 - Existing NetCDF files

File : 2903009\_Sprof.nc - 2903009\_meta.nc - 2903009\_prof.nc -

2903010 - Existing NetCDF files

File : 2903010\_Sprof.nc - 2903010\_meta.nc - 2903010\_prof.nc -

2903011 - Existing NetCDF files

File : 2903011\_Sprof.nc - 2903011\_meta.nc - 2903011\_prof.nc -

2903012 - Existing NetCDF files

File : 2903012\_Sprof.nc - 2903012\_meta.nc - 2903012\_prof.nc -

2903013 - Existing NetCDF files

File : 2903013\_Sprof.nc - 2903013\_meta.nc - 2903013\_prof.nc -

2903014 - Existing NetCDF files

File : 2903014\_Sprof.nc - 2903014\_meta.nc - 2903014\_prof.nc -

2903165 - Existing NetCDF files

File : 2903165\_Sprof.nc - 2903165\_meta.nc - 2903165\_prof.nc -

2903166 - Existing NetCDF files

File : 2903166\_Sprof.nc - 2903166\_meta.nc - 2903166\_prof.nc -

2903167 - Existing NetCDF files

File : 2903167\_Sprof.nc - 2903167\_meta.nc - 2903167\_prof.nc -

2903168 - Existing NetCDF files

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2903169 - Existing NetCDF files

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2903170 - Existing NetCDF files

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2903171 - Existing NetCDF files

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2903172 - Existing NetCDF files  
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2903173 - Existing NetCDF files  
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2903174 - Existing NetCDF files  
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2903175 - Existing NetCDF files  
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2903176 - Existing NetCDF files  
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2903209 - Existing NetCDF files  
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2903210 - Existing NetCDF files  
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2903211 - Existing NetCDF files  
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2903212 - Existing NetCDF files  
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2903213 - Existing NetCDF files  
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2903327 - Existing NetCDF files  
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2903329 - Existing NetCDF files  
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2903330 - Existing NetCDF files  
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2903346 - Existing NetCDF files  
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2903347 - Existing NetCDF files  
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2903354 - Existing NetCDF files

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2903356 - Existing NetCDF files  
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2903374 - Existing NetCDF files  
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2903385 - Existing NetCDF files  
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2903386 - Existing NetCDF files  
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2903389 - Existing NetCDF files  
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2903390 - 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  
File : 2903607\_meta.nc - 2903607\_prof.nc -

2903608 - Existing NetCDF files  
File : 2903608\_meta.nc - 2903608\_prof.nc -

2903609 - Existing NetCDF files  
File : 2903609\_meta.nc - 2903609\_prof.nc -

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

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

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

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

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

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

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

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

2903649 - Existing NetCDF files  
File : 2903649\_meta.nc - 2903649\_prof.nc -

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

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

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

3902388 - Existing NetCDF files

File : 3902388\_meta.nc - 3902388\_prof.nc -

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

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

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

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

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

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

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

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

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

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

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

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

4902985 - Existing NetCDF files  
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4902986 - Existing NetCDF files  
File : 4902986\_meta.nc - 4902986\_prof.nc -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

5905834 - Existing NetCDF files  
File : 5905834\_meta.nc - 5905834\_prof.nc -

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

File : 5905876\_meta.nc - 5905876\_prof.nc -

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  
File : 5905882\_meta.nc - 5905882\_prof.nc -

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

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  
File : 7900600\_meta.nc - 7900600\_prof.nc -

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

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

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

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

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

7900657 - Existing NetCDF files  
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7900658 - Existing NetCDF files  
File : 7900658\_meta.nc - 7900658\_prof.nc -

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

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

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

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

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

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

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

7900868 - Existing NetCDF files  
File : 7900868\_meta.nc - 7900868\_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 : 253**

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

## 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 : 597**

## 7.11. NMDIS

**For some floats :**

- 

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

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