



## **GDAC Float Anomalies Monitoring**

**June 2020**

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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.

## Summary

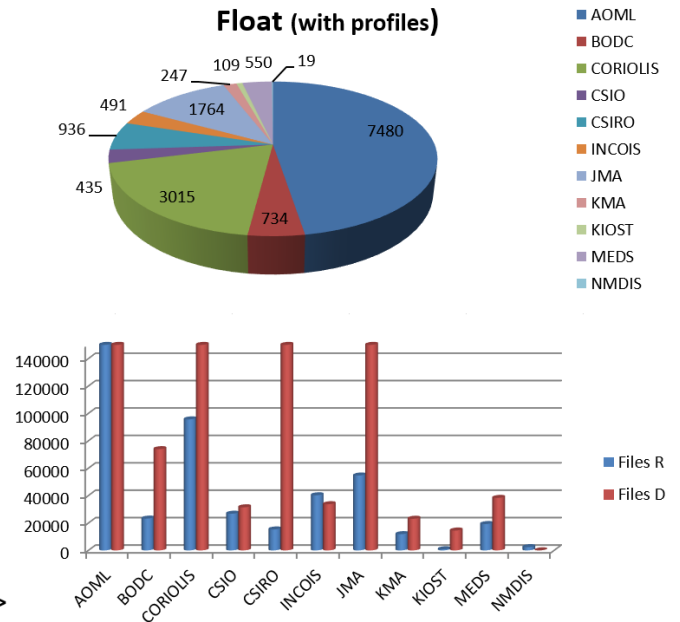
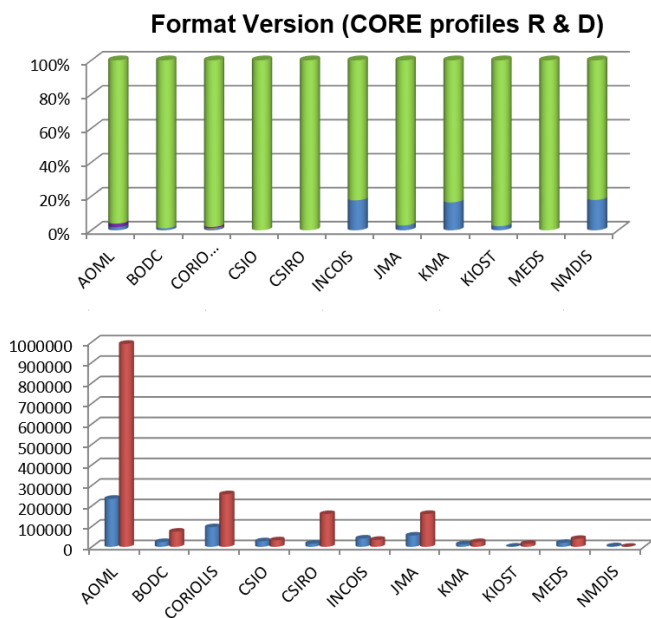
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BODC	1901914	Jon Turton	Argo UK	2019/10/10	1	2020/05/22	20	SBE41CP_V7.2.5	3984	1	The first two cycles are 0.1 psu saltier than surrounding profiles. Drift also for the following cycles. Answer from Matt : • 1901914 cycles 16 and 18 are not dissimilar to the profiles before and after, and whilst there is a bit of a spread of profiles in the short life of this float, for now I think it is likely natural variability caused by being caught in an eddy in the Agulhas Retroflection;
BODC	3901951	Andy Rees	ARGO MOCCA - EU	2020/04/07	93	2020/05/23	93	SBE41CP_V7.2.5	8554	1	Jump-drift from cycle 93
BODC	3901961	Romain Cancouet	ARGO ITALY	2020/03/11	78	2020/05/24	81	SBE41CP_V7.2.5	8604	1	Slight drift
BODC	3901962	Romain Cancouet	ARGO ITALY	2019/09/21	60	2020/05/25	80	SBE41CP_V7.2.5	8605	1	Slight drift from cycle 60, DMQC done with correction but QC3 not reported on RT values, RTQC still QC for new cycles
BODC	3901963	Romain Cancouet	ARGO ITALY	2020/01/02	71	2020/05/26	80	SBE41CP_V7.2.5	8606	1 or 2	There seems to be a salty jump from cycle 70 until current cycle 74. But the surrounding profiles distribution is very sparse. Unsure. Wait for more cycles.
CORIOLIS	3901676	Bitigt Klein	Argo BSH	2020/05/17	53	2020/05/17	53	SBE41N_V5.3.0	11141	1	Large gap of 0.3 psu
CORIOLIS	6901253	Pedro Velez	Argo SPAIN - IEO	2020/03/11	66	2020/06/19	76	SBE41CP_V7.2.5	9918	1	Drift from cycle 66
CORIOLIS	6902704	Christine COATANOAN	CORIOLIS	2020/01/02	125	2020/05/27	134	SBE41CP_V7.2.5	8141	1	smoothly drifting
CORIOLIS	6902848	Franck DUMAS	CORIOLIS	2018/11/12	28	2020/04/28	101	SBE41CP_V7.2.5	9588	1 or 2	Very variable area. Wait for more cycles
CORIOLIS	6903240	Pierre-Marie Poullain	ARGO Italy, BioArgo	2018/04/06	10	2020/04/29	152	SBE41CP_V7.2.5	9705	3 (Primary?)	No drift but there is something weird with one of the two set of vertical sampling scheme labelled Primary sampling. They look different. The profiles fresher than surrounding profiles have been set to 3. No DMQC yet
CSIO	2901520	JIANPING XU	Argo CHINA	2018/07/18	206	2020/06/27	77	SBE41	5386	1	Seems to be slightly drifting, cycle 250 is 0.02 psu saltier than surrounding profiles. Not strong enough to classify it QC3. Wait for a stronger drift before down qualifying.
CSIO	2902738	JIANPING XU	Argo CHINA	2019/10/01	63	2020/06/27	90	SBE41CP_V7.2.5	10045	1	Smoothly drifting
CSIRO	1901165	Susan Wijffels	Argo AUSTRALIA	2020/01/23	317	2020/05/01	317	SBE41_V3	4287	1	cycle 317 is 0.02 psu saltier than surrounding profiles. But not sure enough to flag. Not so obvious regarding the time-series of the float but comparing it to the neighbours seems to have a drift, send a mail to Jenny to check. Jenny confirmed.
CSIRO	1901324	Susan Wijffels	Argo AUSTRALIA	2020/02/24	317	2020/05/02	321	SBE41_V3	5279	2	cycle 317 is 0.7 psu saltier than previous cycles
CSIRO	1901325	Susan Wijffels	Argo AUSTRALIA	2020/01/18	305	2020/05/03	312	SBE41_V3	5287	2 unsure	cycle 303 to cycle 305 are affected by a salty bias of 0.02 psu. From cycle 259 to cycle 302, there seems to be an auto-scaled adjustment of -0.03 / -0.04 psu.
CSIRO	1901337	Susan Wijffels	Argo AUSTRALIA	2019/04/08	322	2020/05/04	322	SBE41CP_V2	5085	6	cycle 322 is adjusted by -0.2 psu which is too big as adjusted profile is fresher than surrounding distribution by 0.1 psu
CSIRO	5903706	Susan Wijffels	Argo AUSTRALIA	2020/01/04	304	2020/05/05	313	SBE41_V3	5285	1	cycle 304 is 0.02 psu saltier than surrounding profiles
CSIRO	5904248	Susan Wijffels	Argo AUSTRALIA	2019/05/08	215	2020/05/06	249	SBE41CP_V2	3856	1	cycle 226 is affected by a 0.15 PSU salty depth-dependent jump. wait for more cycles. CSIRO comment (20191204): "This float has been identified as drifting salty and adjusted in DMQC up to cycle 204. Later cycles are drifting more strongly but have not been adjusted in RT. I have set the PSAL to QC-3 for cycles 230-236."
CSIRO	5904914	Susan Wijffels	Argo AUSTRALIA	2020/05/16	198	2020/05/16	198	SBE41CP_V2	5988	1	Jump for the last cycle
CSIRO	5905017	Susan Wijffels	Argo AUSTRALIA	2020/01/14	151	2020/05/07	159	SBE41CP_V2	7033	2 unsure	cycle 151 and cycle 152 are affected by a 0.07 psu salty jump. Wait for more cycles.
CSIRO	5905029	Susan Wijffels	Argo AUSTRALIA	2016/11/24	30	2020/05/08	155	SBE41CP_V2	7010	1	cycle 141 is 0.1 psu saltier than surrounding profiles. Normally there is an adjustment in real-time and as it is far from constant, I suppose it is an auto-scale adjustment using CARSD009 climatology. I have QC3 from cycle 87 on.
CSIRO	5905184	Susan Wijffels	ARGO Australia	2020/01/23	117	2020/05/09	124	SBE41CP_V7.2.5	8224	1	cycle 117 is 0.07 psu saltier than surrounding profiles
INCOIS	2902200	M Ravichandran	Indian Argo	2020/04/15	151	2020/06/24	158	SBE41	7649	1	
INCOIS	2902209	M Ravichandran	Indian Argo	2019/03/10	92	2020/06/24	140	SBE41CP	8353	1	drifting since cycle 87 (2019/01/20) and shape has changed, probably because it entered an eddy-rich region. cycle 109 (20190824) is 0.25 psu saltier than surrounding profiles
INCOIS	2902233	M Ravichandran	Argo INDIA	2020/01/29	284	2020/06/22	313	SBE41CP	9526	1	The real-time adjustment has reached 1 PSU but adjusted profile is out of bounds for cycle 256
INCOIS	2902235	M Ravichandran	Argo INDIA	2020/02/23	289	2020/05/12	292	SBE41CP	9528	1	This float is drifting probably since cycle 210, but the drift does not seem to be uniform, the saltier cycle being cycle 230. Real-time profiles are adjusted, probably with CARSD09. cycle 272 was not adjusted but is 0.02 psu saltier than surrounding profiles.
INCOIS	2902241	M Ravichandran	Argo INDIA	2017/10/29	1	2017/11/20	8	SBE41CP	9303	1	Gap of 0.5 psu only for D profile
INCOIS	2902254	M Ravichandran	Argo INDIA	2020/03/03	102	2020/05/13	102	SBE41CP	9740	1	Large drift
INCOIS	2902266	M Ravichandran	Argo INDIA	2019/11/22	30	2020/05/30	49	SBE41CP	11197	1 or 2	Hard fresh jump since cycle 15 (2019/06/25)
JMA	2903191	JMA	Argo eq. JMA	2019/10/25	129	2020/06/26	178	SBE41CP_V7.2.5	9742	1	This float is drifting probably since cycle 210, but the drift does not seem to be uniform, the saltier cycle being cycle 230. Real-time profiles are adjusted, probably with CARSD09. cycle 272 was not adjusted but is 0.02 psu saltier than surrounding profiles.
JMA	2903212	JAMSTEC	Argo eq. JAMSTEC	2019/04/30	45	2020/05/28	85	SBE61	5631	2	highly biased (by approx 0.4 psu). Yuka Okunaka answered they are looking with the constructor: flag are set by recommendation from ADMT, that is QC1. 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	2903214	JMA	Argo eq. JMA	2019/06/22	101	2020/06/11	172	SBE41CP_V2	9743	1	cycle 103 and cycle 104 are 0.03 PSU saltier than surrounding profiles but cycle 105 and after are back to expected values. Cycle 125 is 0.06 psu saltier than surrounding platforms. QC3. Wait for more cycles
JMA	2903355	JAMSTEC	Argo JAMSTEC	2020/04/07	55	2020/05/18	55	SBE41CP_V2	5477	1	
JMA	2903612	JAMSTEC	Argo JAMSTEC	2020/03/14	22	2020/05/19	26	SBE41CP_V7.2.5	10967	1	Small drift from cycle 22
KMA	2901758	Jaeyoung Byon	Argo NIMR/KMA	2016/12/17	14	2020/06/19	129	SBE41CP	null	1	rapid salty drift beginning at cycle 66 (2018/06/10). cycle 101 is 0.7 psu saltier than surrounding profiles
KMA	2901759	Jaeyoung Byon	Argo NIMR/KMA	2019/05/06	101	2020/05/21	137	SBE41CP	null	1	rapid salty drift beginning at cycle 45 (2017/10/23) approximately. cycle 60 is 0.3 psu saltier than surrounding profiles. from cycle 45: QC4
KMA	2901760	Jaeyoung Byon	Argo NIMR/KMA	2019/05/07	101	2020/06/20	142	SBE41CP	null	1	cycle 112 is 0.08 psu saltier than surrounding profiles
KMA	2901763	Jaeyoung Byon	Argo NIMR/KMA	2020/05/02	135	2020/06/11	139	SBE41CP	null	1	Drift from cycle 135
KMA	2901765	Jaeyoung Byon	Argo NIMR/KMA	2018/10/20	81	2020/06/11	143	SBE41CP	null	1	May be slightly drifting since the beginning. cycle 125 is 0.04 psu saltier than surrounding profiles
MEDS	4902465	Blair Greenan	Argo CANADA	2019/12/03	51	2020/06/10	70	SBE41CP	null	1	cycle 51 is 0.04 psu saltier than surrounding profiles. Drift may have begun cycle 47.
<b>DAC Operator disagreement</b>											
BODC	1901861	Jon Turton	Argo UK	2020/02/12	154	2020/04/02	159	SBE41_V3	6715	1	smoothly drifting. Answer from Matt : 1901861 - cycle 159 - I disagree with the suggested flags as the float appears to be caught in an eddy west of South Africa and this is likely natural variability.
BODC	2901897	Brian King	Argo UK	2017/04/08	97	2020/05/04	214	SBE41CP	7923	2	There is 0.05 psu salty jump for cycle 194 with respect to previous cycle. The 0.05 salty jump is confirmed when compared with surrounding profiles. Answer from Matt : • 2901897 - cycles 210-211 - I disagree with the suggested flags as the profiles are in a topographically complex basin (Laccadive Sea) SW of Sri Lanka and may well not be well covered by climatology/the result of natural variability.

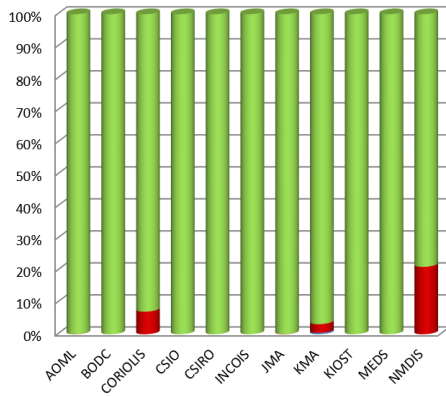
## 2. Statistics on floats and format version (End of June 2020)

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

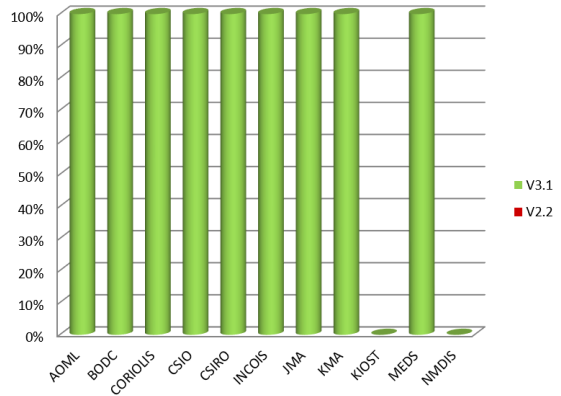


Plots showing format\_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.

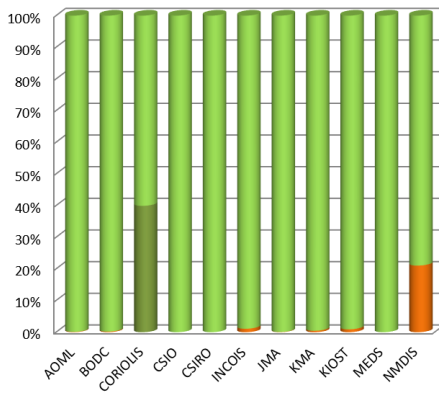
**Metadata Files - Dead floats**



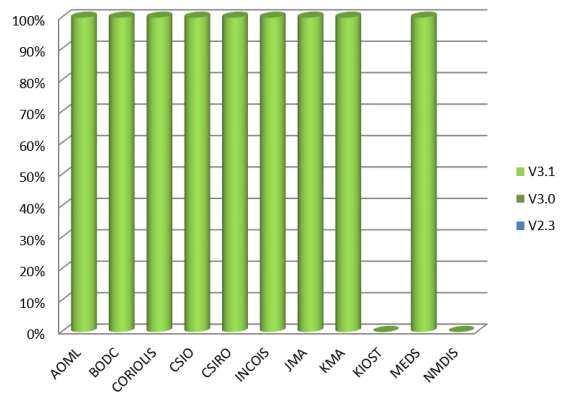
**Metadata Files - Active floats**



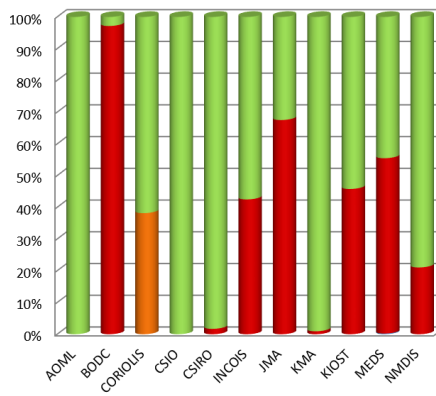
**Technical Files - Dead floats**



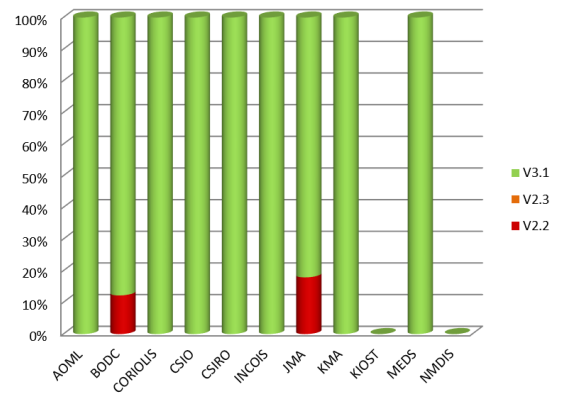
**Technical Files - Active floats**



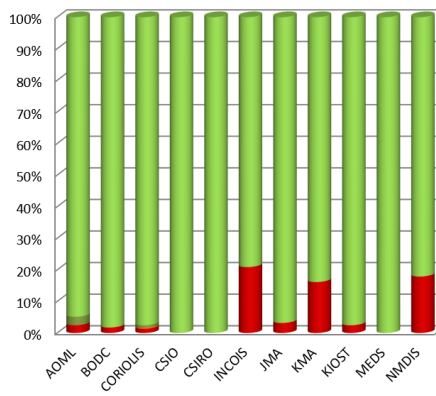
**Trajectory Files - Dead floats**



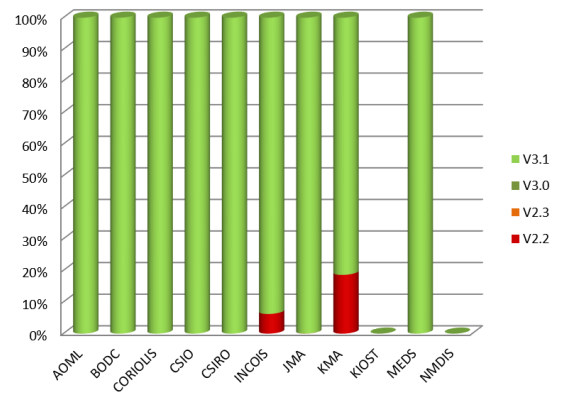
**Trajectory Files - Active floats**



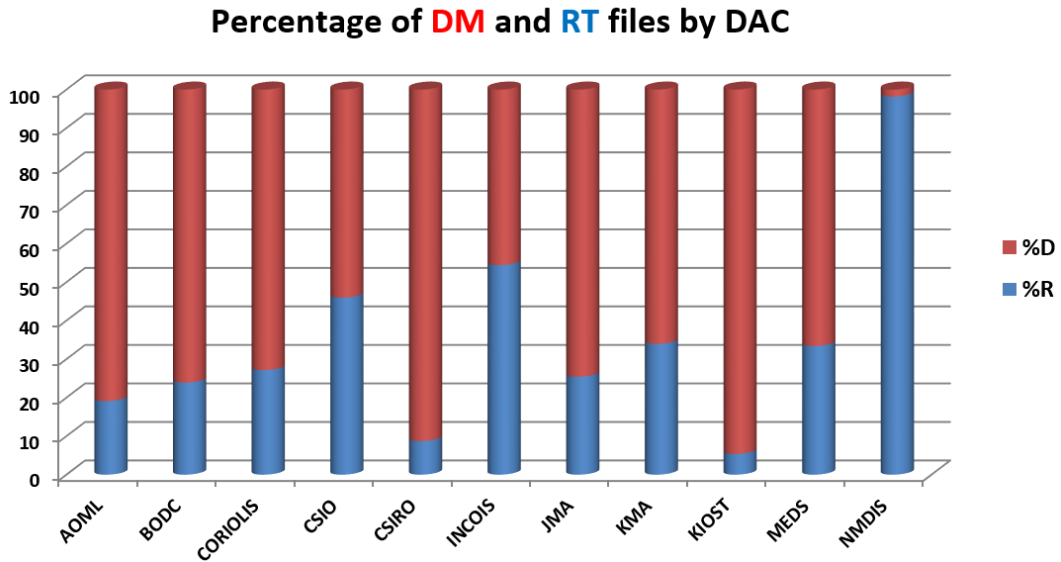
**Profile files - Dead floats**



**Profile Files - Active floats**



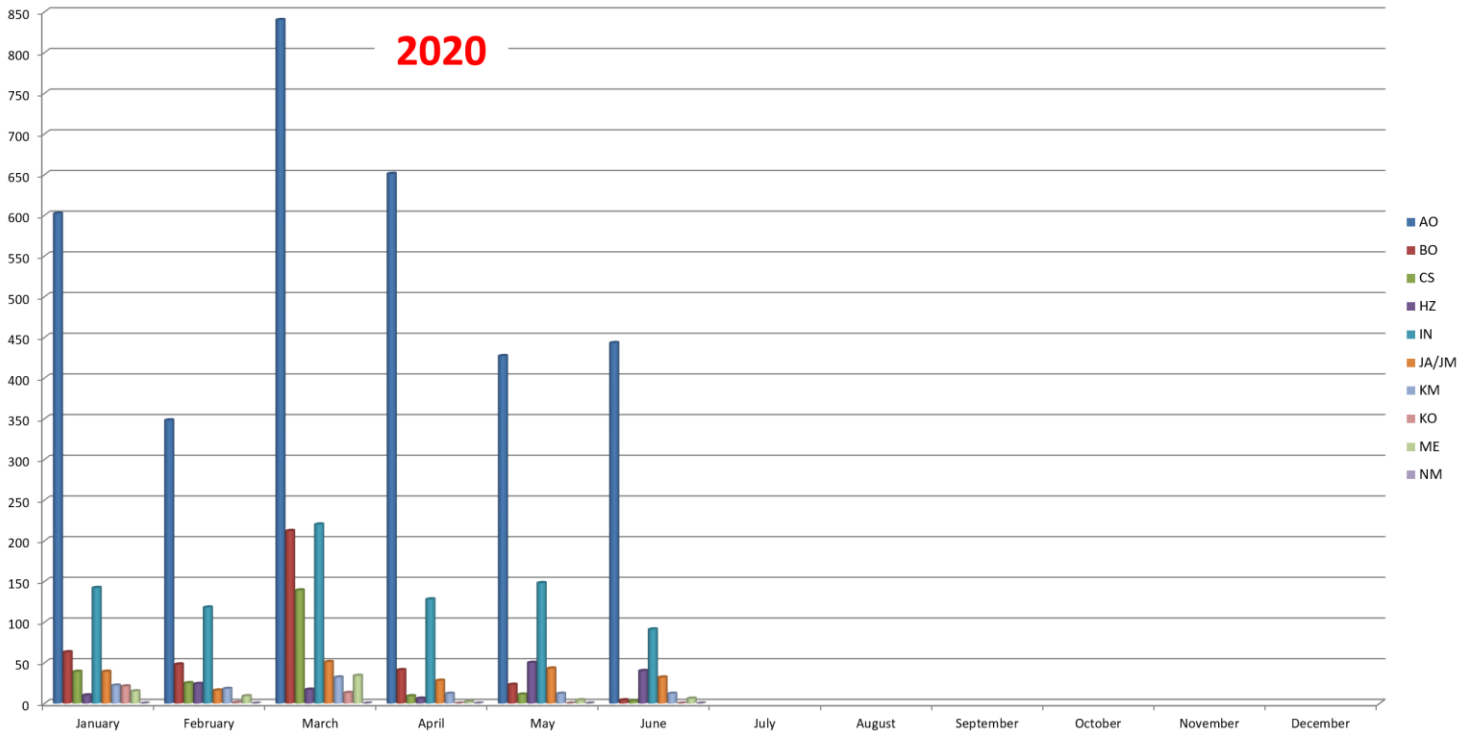
Delayed mode percentage by DAC



### 3. Statistics on Anomalies

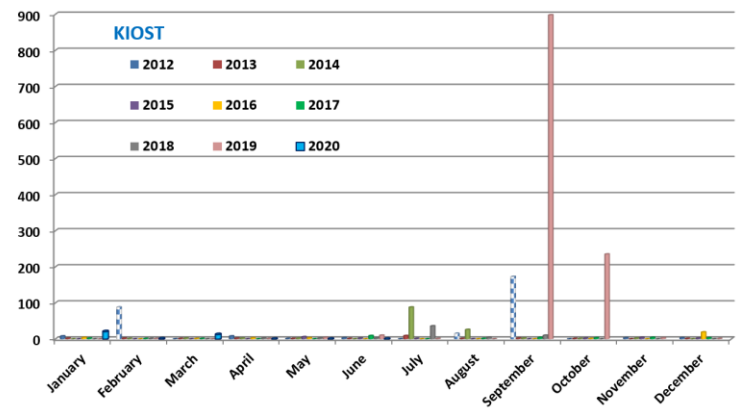
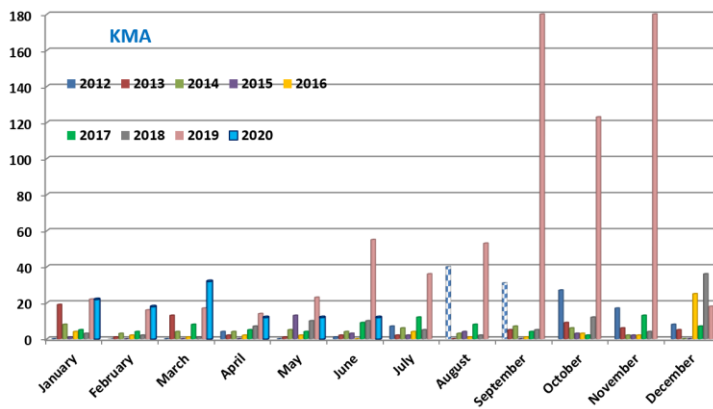
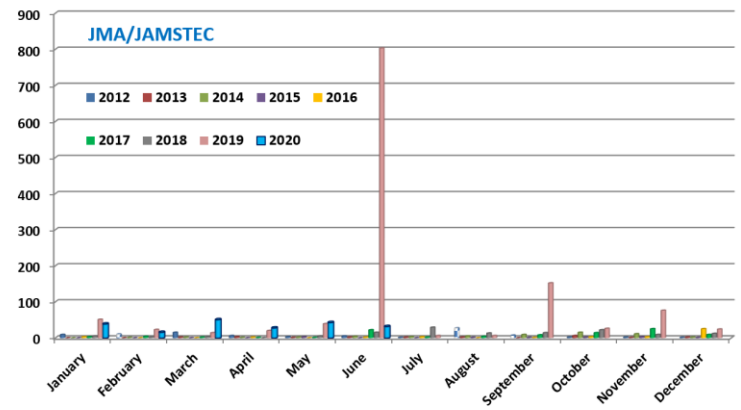
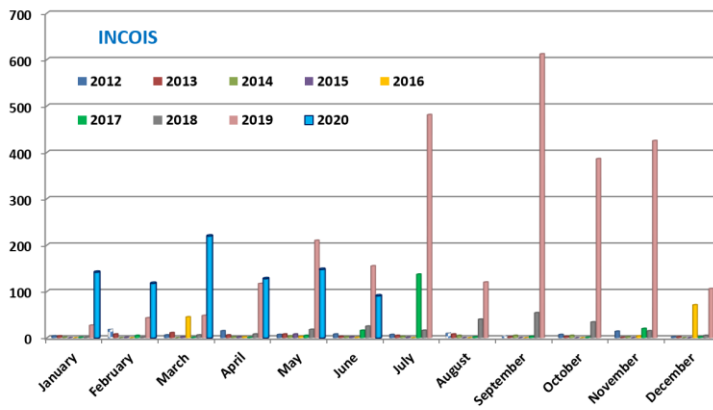
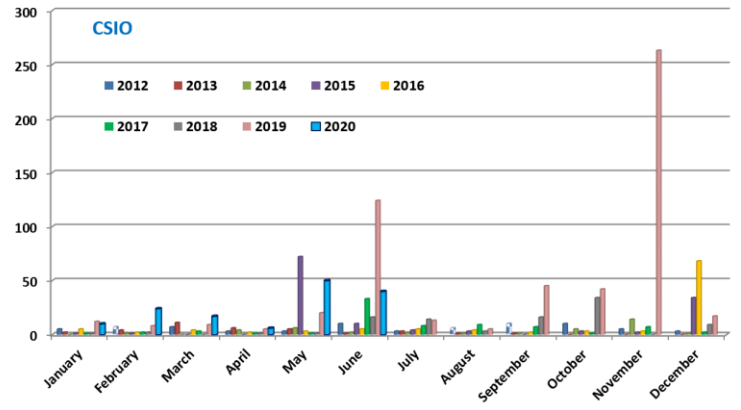
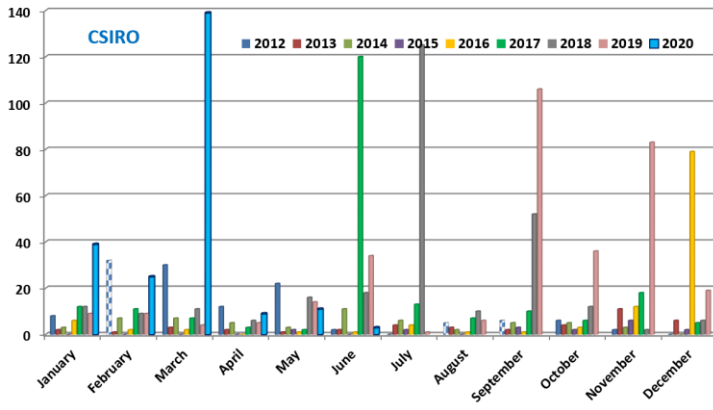
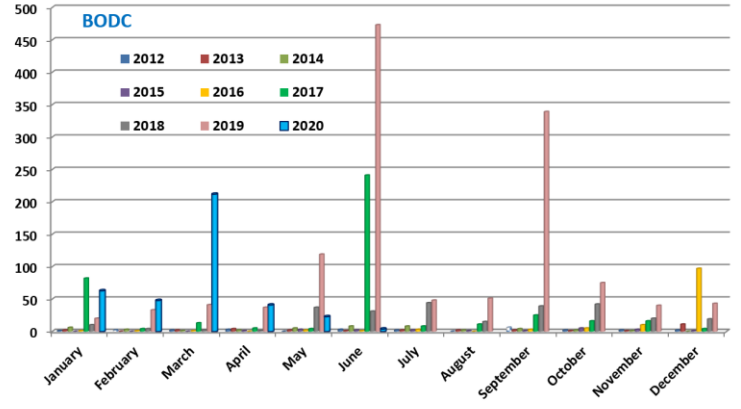
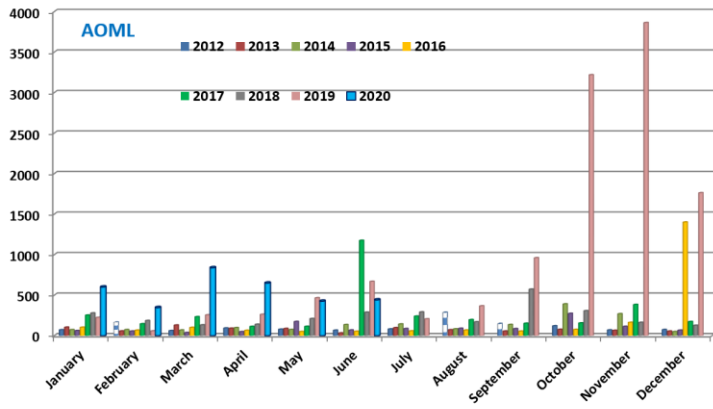
Plots showing evolution of number of anomalies by DAC.

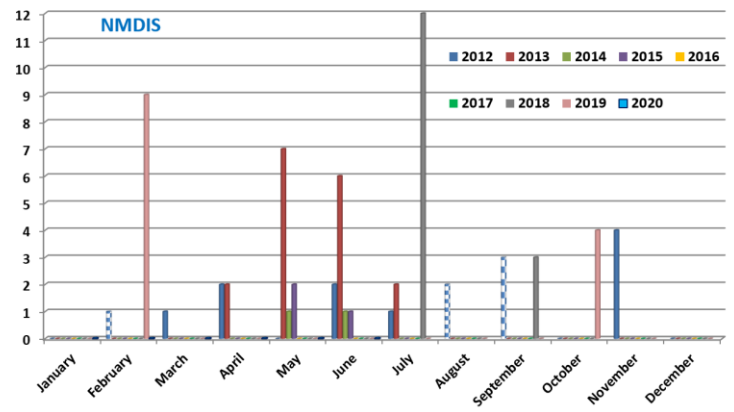
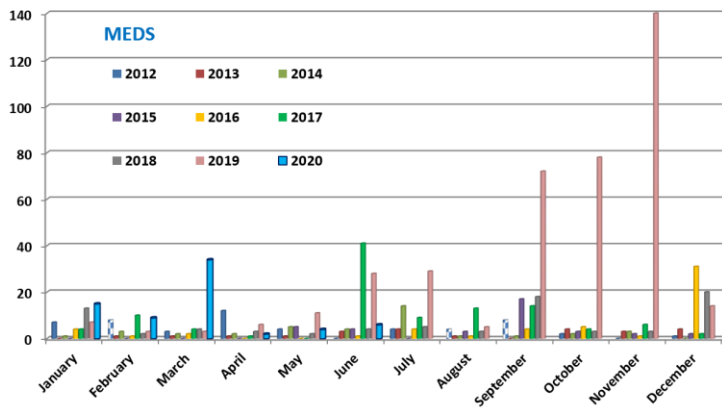
#### 3.1. Year



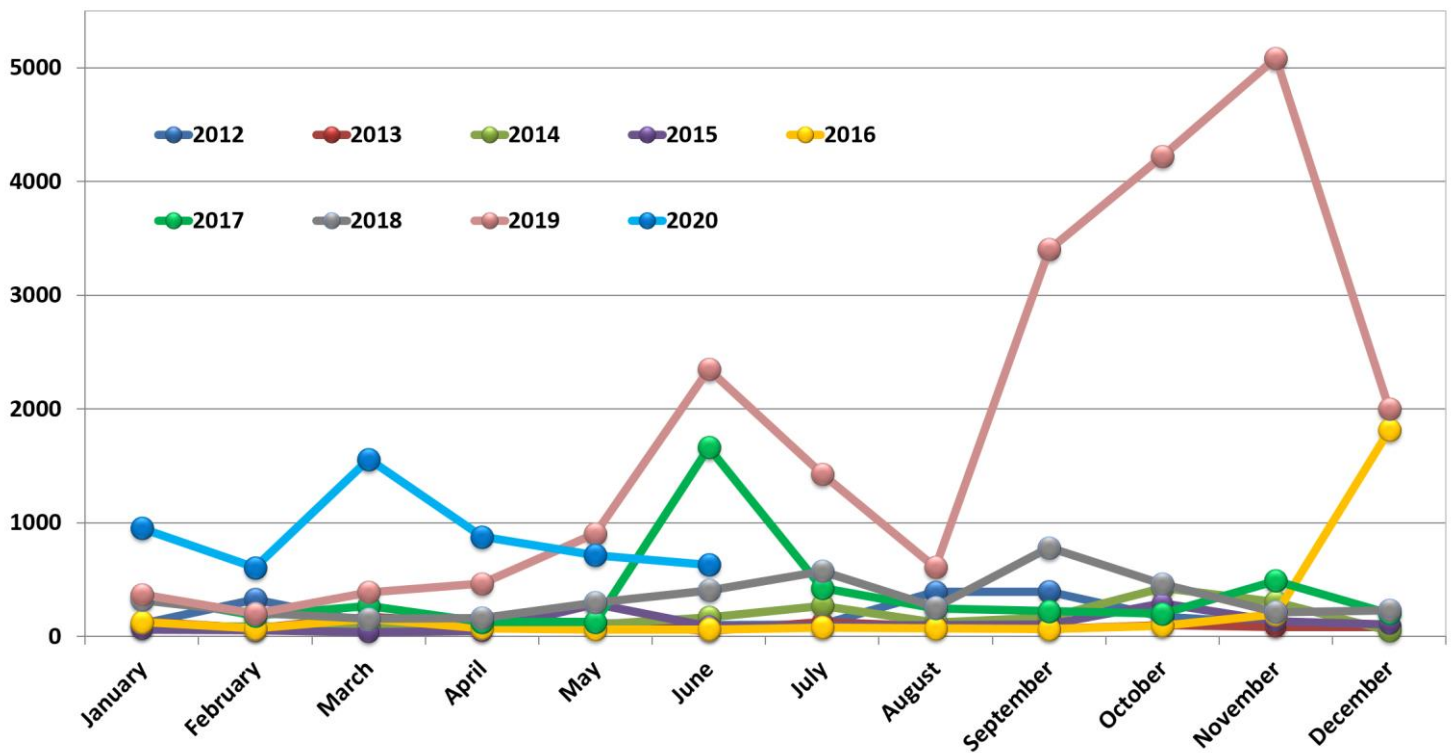
#### 3.2. DAC







### 3.3. Anomalies by year, by month

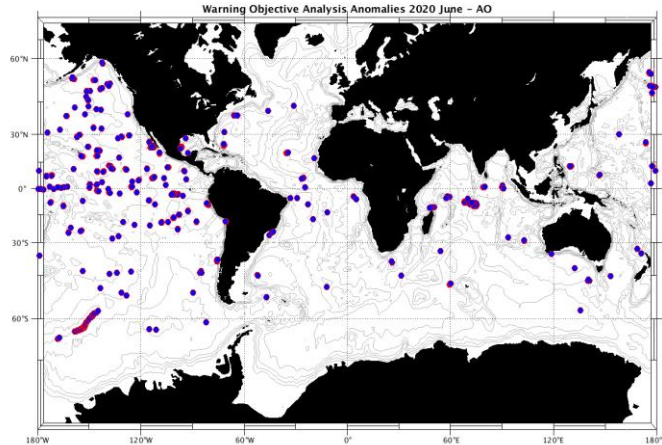


## 4. DAC Anomalies

### 4.1. DAC AOML

Profiles detected by the objective analysis: 443 profiles (159 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
57 cycles	285 cycles	101 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'

Float : 1901712 - Cycle : 245 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7186 - Date : 2020 6 24  
Float : 1901812 - Cycle : 163 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7325 - Date : 2020 6 8  
Float : 1901812 - Cycle : 164 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7325 - Date : 2020 6 17  
Float : 1901812 - Cycle : 165 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7325 - Date : 2020 6 27  
Float : 1901826 - Cycle : 116 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7383 - Date : 2020 1 2  
Float : 1901826 - Cycle : 117 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7383 - Date : 2020 1 12  
Float : 1901826 - Cycle : 130 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7383 - Date : 2020 5 21  
Float : 1902031 - Cycle : 133 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8499 - Date : 2020 6 17  
Float : 1902057 - Cycle : 129 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0707 - Date : 2020 5 30  
Float : 1902057 - Cycle : 130 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0707 - Date : 2020 6 9  
Float : 1902057 - Cycle : 131 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0707 - Date : 2020 6 19  
Float : 1902072 - Cycle : 99 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7439 - Date : 2020 6 19  
Float : 1902183 - Cycle : 82 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7456 - Date : 2020 5 27  
Float : 1902198 - Cycle : 71 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0856 - Date : 2020 5 30  
Float : 1902198 - Cycle : 72 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0856 - Date : 2020 6 9  
Float : 1902198 - Cycle : 73 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0856 - Date : 2020 6 19  
Float : 1902199 - Cycle : 63 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0857 - Date : 2020 6 3  
Float : 1902199 - Cycle : 64 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0857 - Date : 2020 6 13  
Float : 1902199 - Cycle : 65 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0857 - Date : 2020 6 23  
Float : 1902200 - Cycle : 32 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0858 - Date : 2019 5 8  
Float : 1902211 - Cycle : 85 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7479 - Date : 2020 6 14  
Float : 2902397 - Cycle : 168 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7339 - Date : 2020 5 26  
Float : 2902397 - Cycle : 169 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7339 - Date : 2020 6 4  
Float : 2902397 - Cycle : 170 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7339 - Date : 2020 6 14  
Float : 2902397 - Cycle : 171 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7339 - Date : 2020 6 24  
Float : 2903425 - Cycle : 40 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8790 - Date : 2020 6 14  
Float : 3901156 - Cycle : 226 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0162 - Date : 2020 6 3  
Float : 3901156 - Cycle : 227 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0162 - Date : 2020 6 13  
Float : 3901156 - Cycle : 228 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0162 - Date : 2020 6 23  
Float : 3901177 - Cycle : 219 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0315 - Date : 2020 6 6  
Float : 3901199 - Cycle : 182 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0478 - Date : 2020 6 4  
Float : 3901199 - Cycle : 183 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0478 - Date : 2020 6 14  
Float : 3901199 - Cycle : 184 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0478 - Date : 2020 6 24  
Float : 3901222 - Cycle : 177 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7308 - Date : 2020 5 24  
Float : 3901222 - Cycle : 178 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7308 - Date : 2020 6 3  
Float : 3901222 - Cycle : 179 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7308 - Date : 2020 6 13





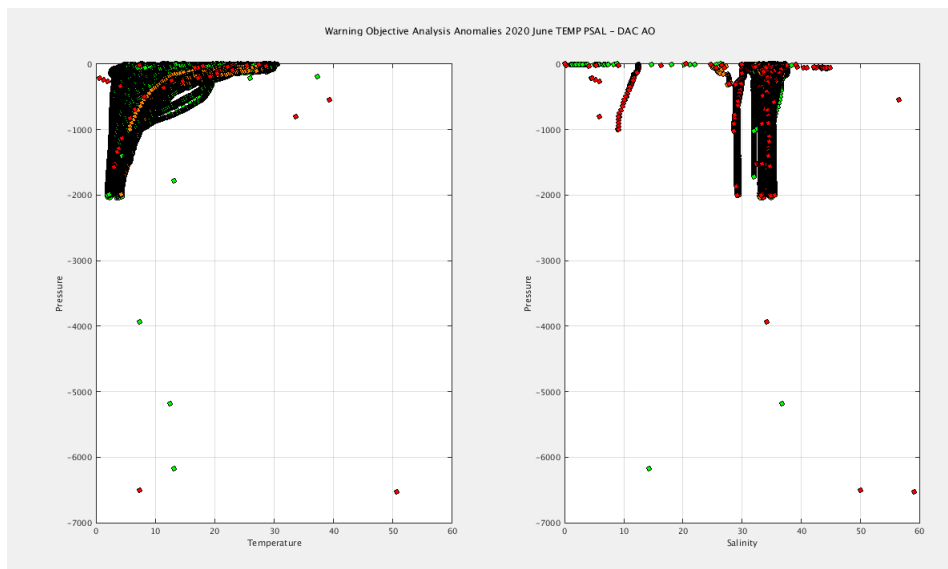








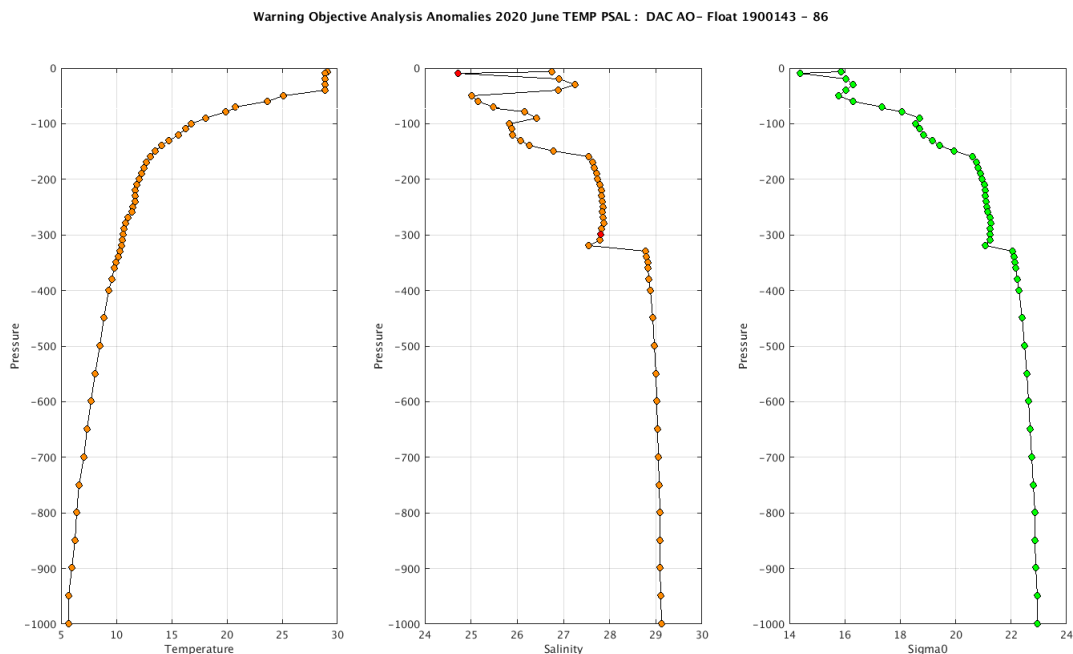
Float : 5904597 - Cycle : 266 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6856 - Date : 2020 5 4  
 Float : 5904597 - Cycle : 267 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6856 - Date : 2020 5 11  
 Float : 5904597 - Cycle : 268 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6856 - Date : 2020 5 18  
 Float : 5904597 - Cycle : 270 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6856 - Date : 2020 6 1  
 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 : 5904769 - Cycle : 11 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7448 - Date : 2016 7 22  
 Float : 5905103 - Cycle : 20 - PI : STEPHEN RISER, KENNETH JOHNSON - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7704 - Date : 2018 8 25  
 Float : 5905136 - Cycle : 12 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7892 - Date : 2018 1 7  
 Float : 5905257 - Cycle : 66 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8618 - Date : 2019 8 18  
 Float : 5905260 - Cycle : 69 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8621 - Date : 2019 9 16  
 Float : 5905324 - Cycle : 85 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7869 - Date : 2020 3 16  
 Float : 5905324 - Cycle : 86 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7869 - Date : 2020 3 26  
 Float : 5905351 - Cycle : 48 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7872 - Date : 2019 2 14  
 Float : 5906045 - Cycle : 1 - PI : STEPHEN RISER, KENNETH JOHNSON - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8327 - Date : 2019 10 27



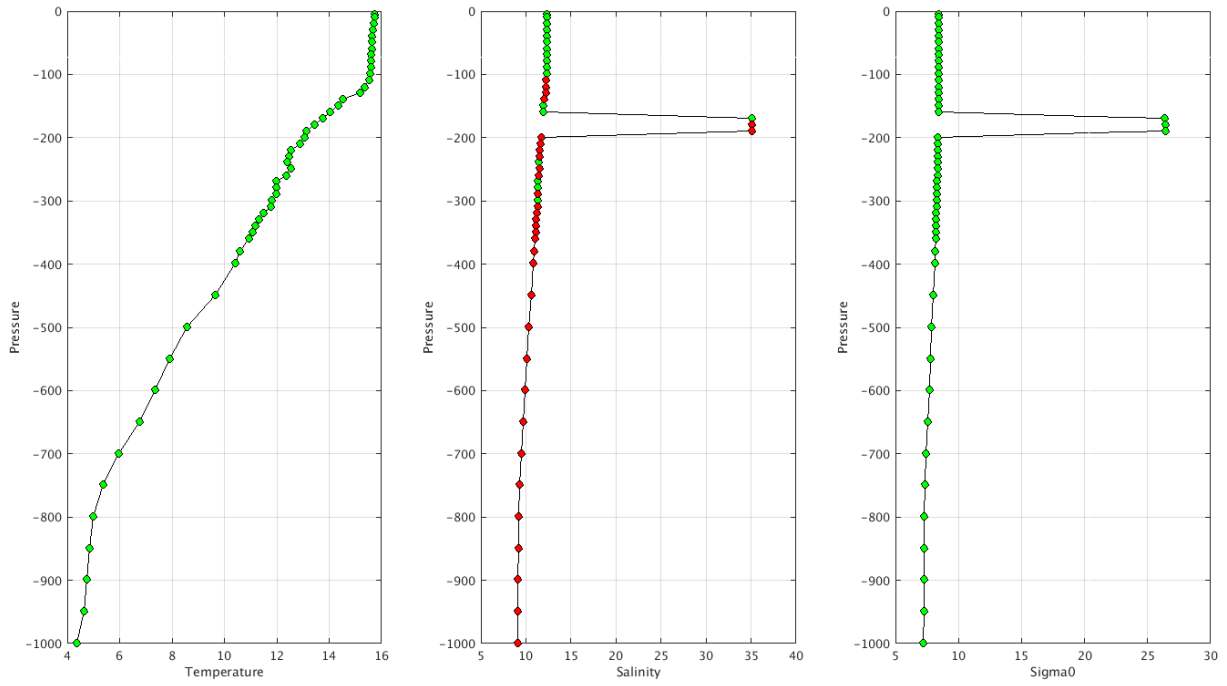
Plot for the 240 first profiles.

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

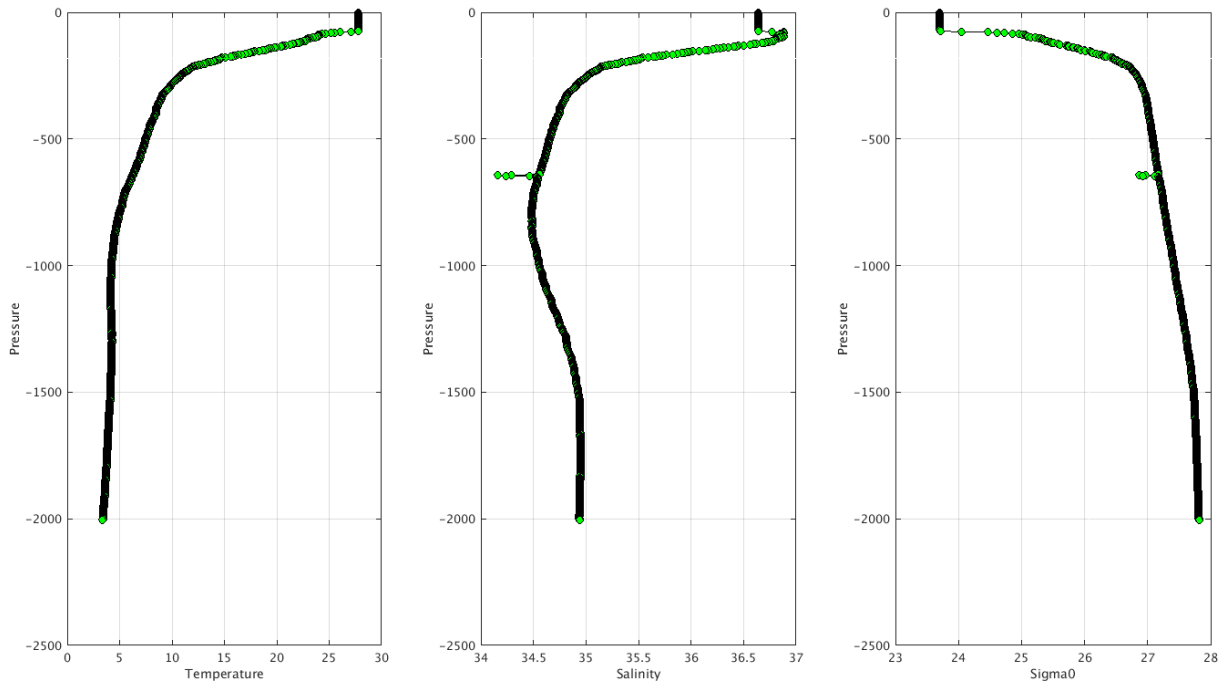
Example of anomalies:



Warning Objective Analysis Anomalies 2020 June TEMP PSAL : DAC AO- Float 1900195 - 3



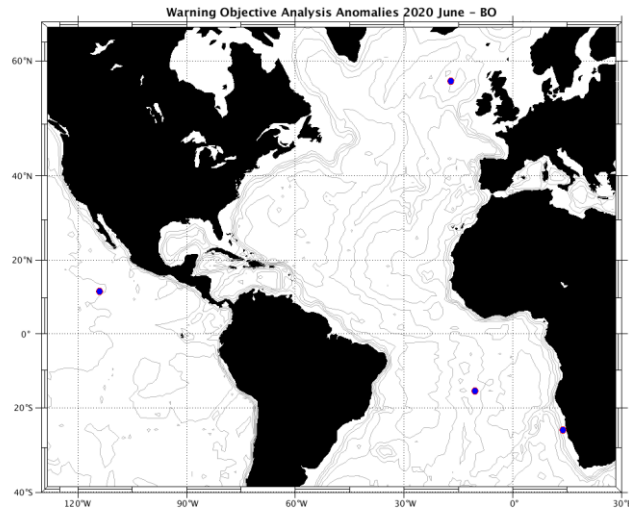
Warning Objective Analysis Anomalies 2020 June TEMP PSAL : DAC AO- Float 1902211 - 85



## 4.2. DAC BODC

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

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



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

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

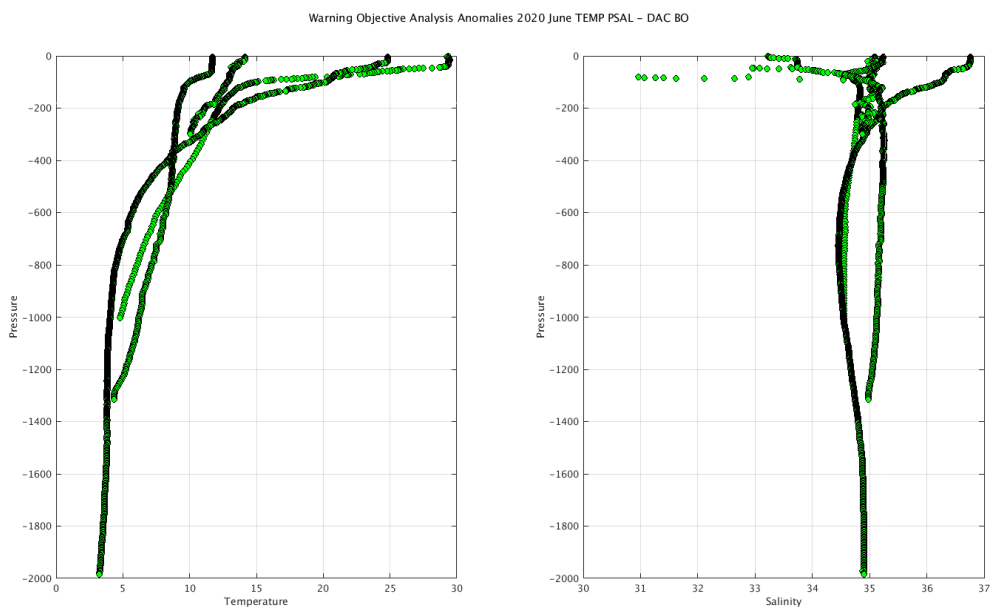
Float : 3901531 - Cycle : 265 - PI : Giorgio Dall'Olmo - Data mode : A - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : OIN14EN-S4-10 - Date : 2020 6 18

Float : 3901965 - Cycle : 136 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR108 - Date : 2020 6 23

Float : 6901932 - Cycle : 40 - PI : Diarmuid O'Conchubhair - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-17EU04 - Date : 2020 6 24

### Files data\_mode='D'

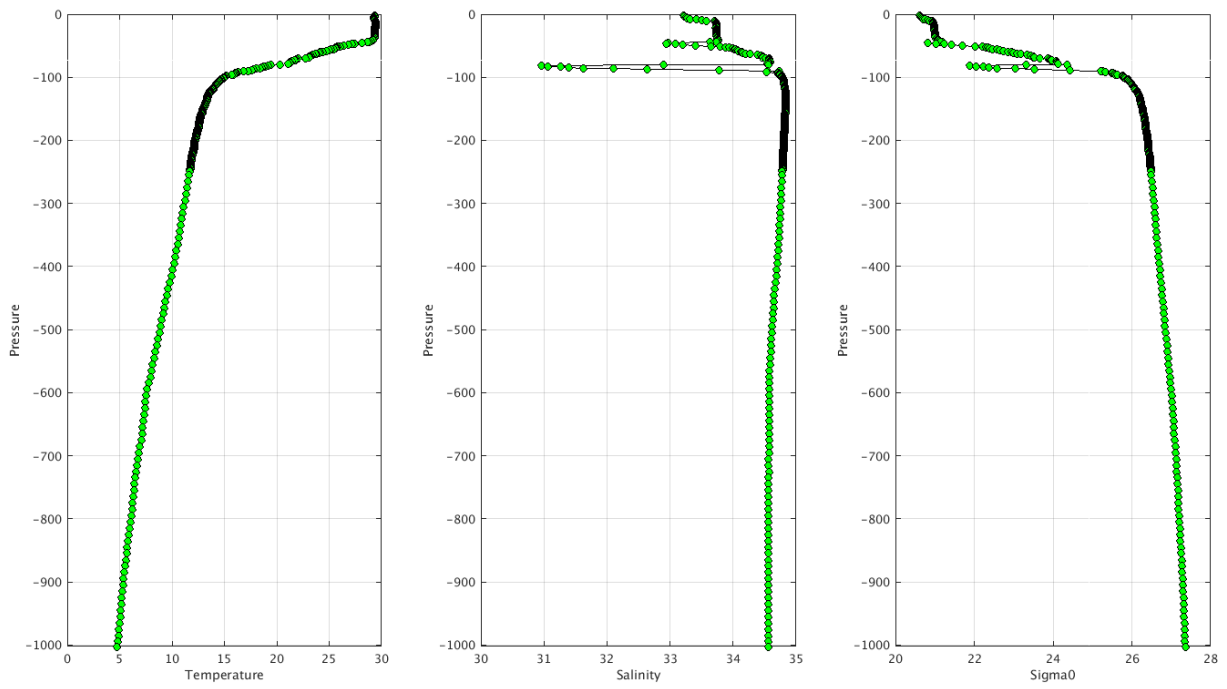
Float : 3901878 - Cycle : 101 - PI : Andreas Sterl - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR041 - Date : 2020 1 16



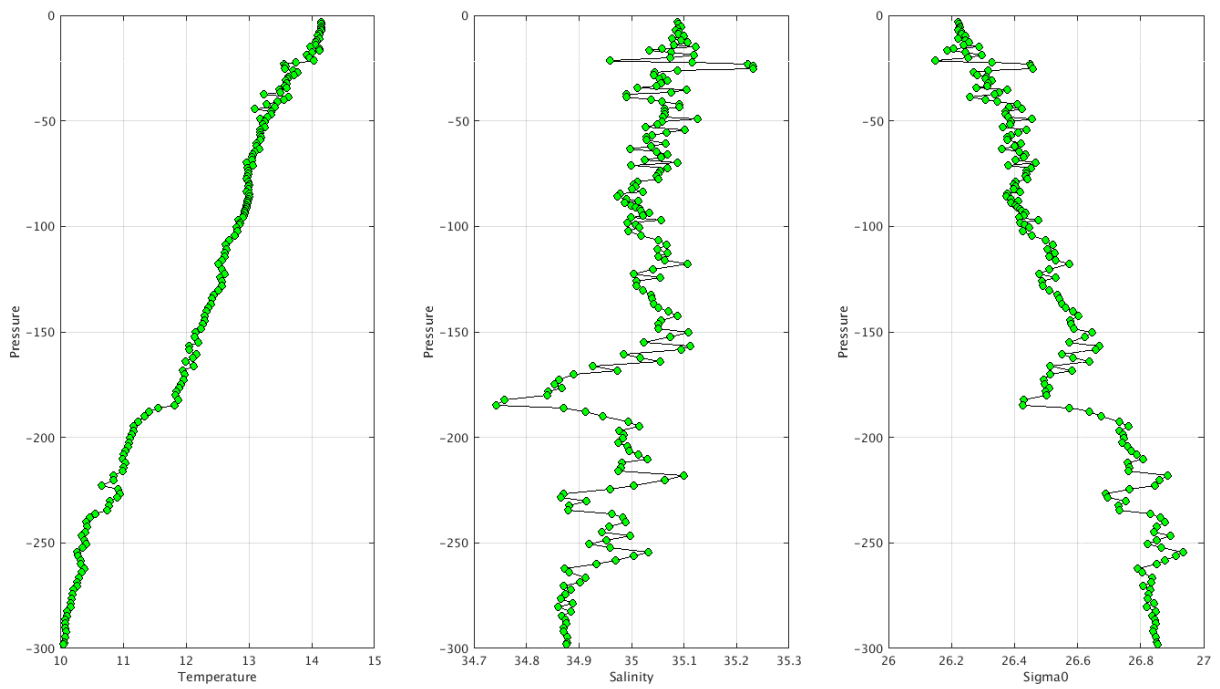
The list of the anomalies can be found at <ftp://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/bodc/>

Example of anomalies:

Warning Objective Analysis Anomalies 2020 June TEMP PSAL : DAC BO- Float 3901531 - 265



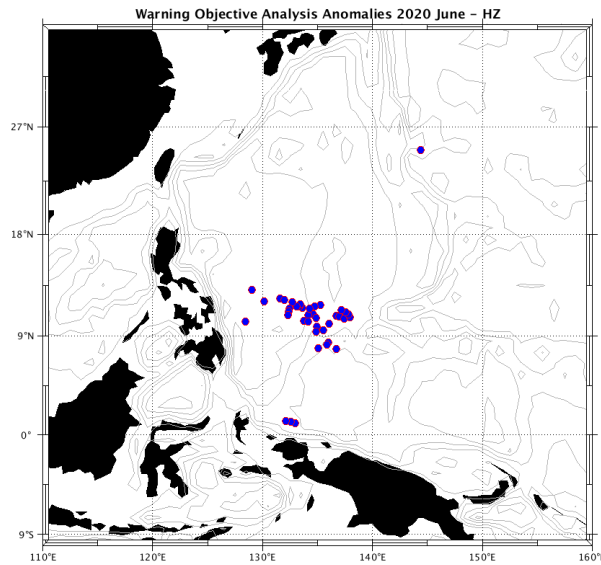
Warning Objective Analysis Anomalies 2020 June TEMP PSAL : DAC BO- Float 3901965 - 136



### 4.3. DAC CSIO

Profiles detected by the objective analysis: 40 profiles (5 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	7 cycles	33 cycles



**Status of corrections: No feedback, corrections not always done.**

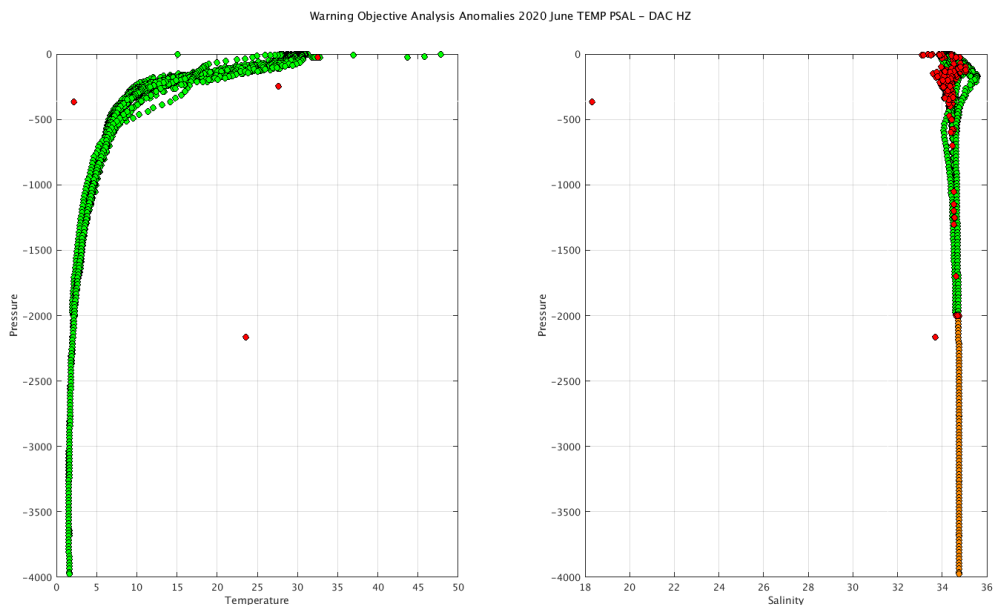
#### Files data\_mode='R' / 'A'

Float : 2901520 - Cycle : 274 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5692 - Date : 2020 5 28  
 Float : 2901520 - Cycle : 275 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5692 - Date : 2020 6 7  
 Float : 2901520 - Cycle : 276 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5692 - Date : 2020 6 17  
 Float : 2901520 - Cycle : 277 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5692 - Date : 2020 6 27  
 Float : 2902738 - Cycle : 88 - PI : JIANPING XU - Data mode : A - Platform type : ARVOR - WMO inst type : 838 - FLOAT SERIAL : AD1700-17CH002 - Date : 2020 6 7  
 Float : 2902738 - Cycle : 89 - PI : JIANPING XU - Data mode : A - Platform type : ARVOR - WMO inst type : 838 - FLOAT SERIAL : AD1700-17CH002 - Date : 2020 6 17  
 Float : 2902738 - Cycle : 90 - PI : JIANPING XU - Data mode : A - Platform type : ARVOR - WMO inst type : 838 - FLOAT SERIAL : AD1700-17CH002 - Date : 2020 6 27

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

Float : 2901545 - Cycle : 83 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6570 - Date : 2016 4 3  
 Float : 2901545 - Cycle : 92 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6570 - Date : 2016 7 2  
 Float : 2901545 - Cycle : 133 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6570 - Date : 2017 8 16  
 Float : 2901545 - Cycle : 134 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6570 - Date : 2017 8 26  
 Float : 2901545 - Cycle : 139 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6570 - Date : 2017 10 15  
 Float : 2901546 - Cycle : 10 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 4 4  
 Float : 2901546 - Cycle : 13 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 5 4  
 Float : 2901546 - Cycle : 19 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 7 3  
 Float : 2901546 - Cycle : 20 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 7 13  
 Float : 2901546 - Cycle : 22 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 8 2  
 Float : 2901546 - Cycle : 24 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 8 22  
 Float : 2901546 - Cycle : 25 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 9 1  
 Float : 2901546 - Cycle : 26 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 9 11  
 Float : 2901546 - Cycle : 27 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 9 21  
 Float : 2901546 - Cycle : 30 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 10 21  
 Float : 2901546 - Cycle : 31 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 10 31  
 Float : 2901546 - Cycle : 32 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 11 10  
 Float : 2901546 - Cycle : 36 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 12 20  
 Float : 2901546 - Cycle : 37 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 12 30  
 Float : 2901546 - Cycle : 38 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 1 9  
 Float : 2901546 - Cycle : 39 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 1 19  
 Float : 2901546 - Cycle : 42 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 2 18  
 Float : 2901546 - Cycle : 43 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 2 28  
 Float : 2901546 - Cycle : 44 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 3 10  
 Float : 2901546 - Cycle : 46 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 3 30  
 Float : 2901546 - Cycle : 47 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 4 9  
 Float : 2901546 - Cycle : 48 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 4 19

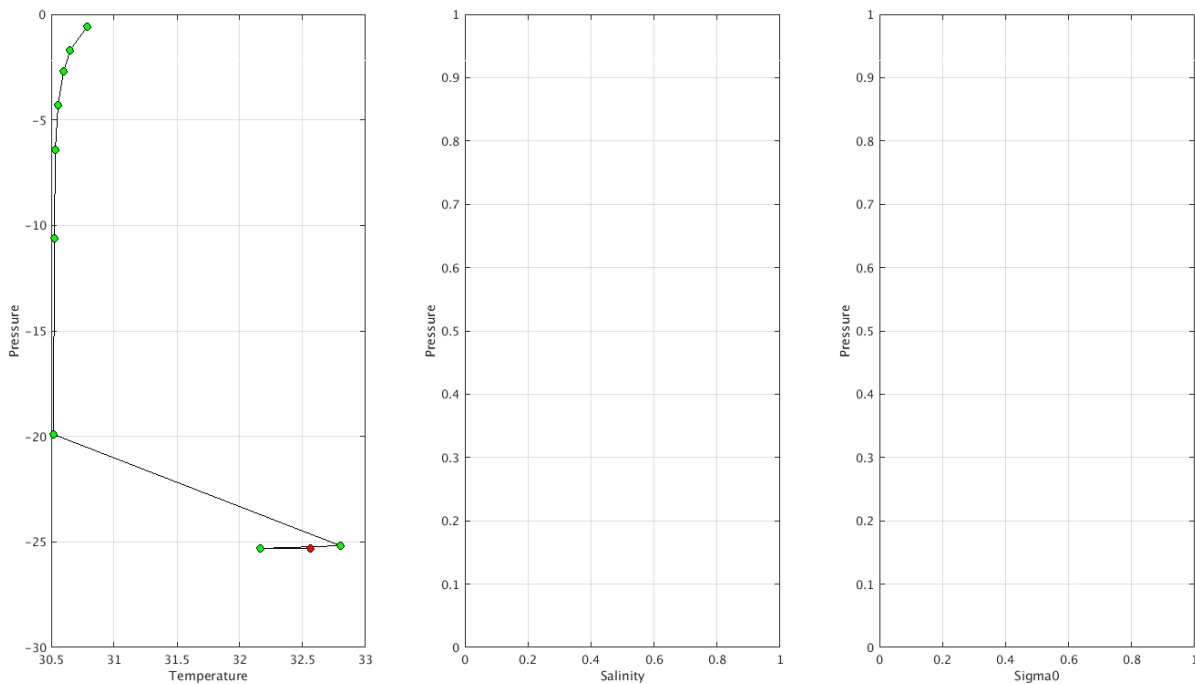
Float : 2901546 - Cycle : 50 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 5 9  
 Float : 2901546 - Cycle : 52 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 5 29  
 Float : 2901546 - Cycle : 56 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 7 8  
 Float : 2901546 - Cycle : 57 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 7 18  
 Float : 2901546 - Cycle : 58 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 7 28  
 Float : 2902541 - Cycle : 122 - PI : ZENGHONG LIU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-11CH-S31-01 - Date : 2015 6 20



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

Example of anomalies:

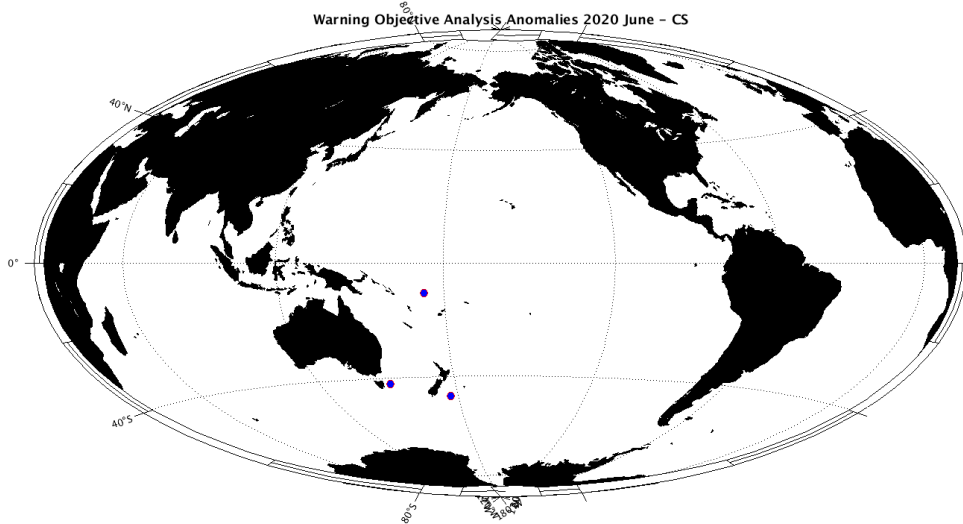
Warning Objective Analysis Anomalies 2020 June TEMP PSAL : DAC HZ- Float 2901545 - 92



4.4. DAC CSIRO

Profiles detected by the objective analysis: 3 profiles (3 floats, but floats can have several cycles with anomalies)

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



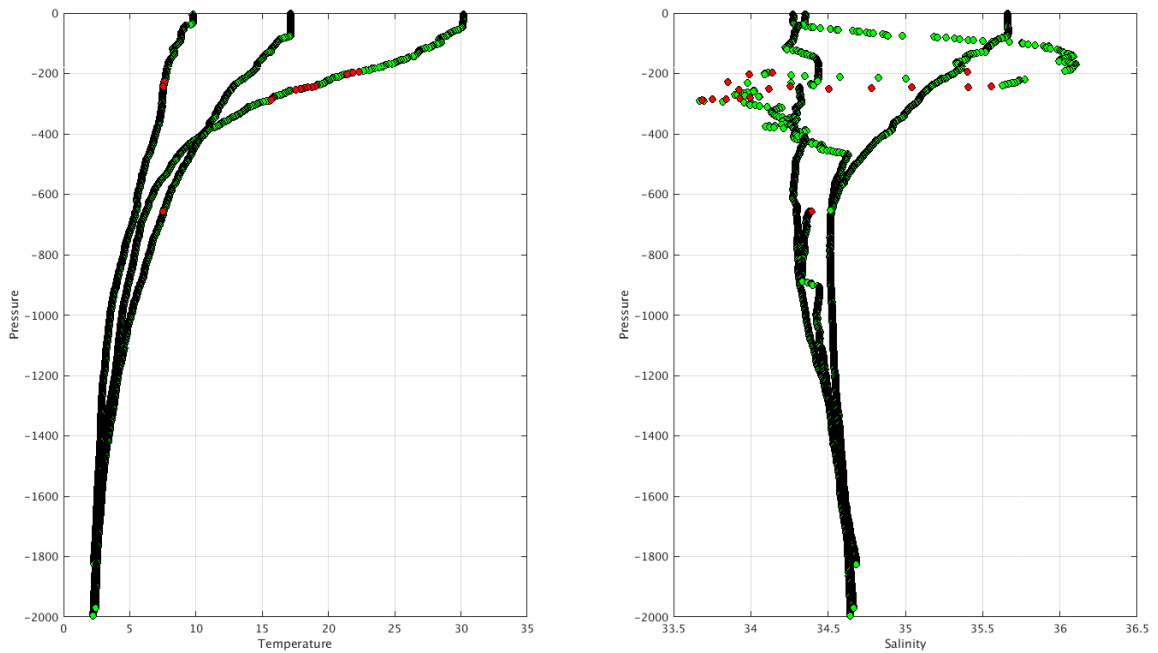
**Status of corrections: Corrections done or in progress, regular feedback.**

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

Float : 5904250 - Cycle : 254 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5958 - Date : 2020 5 28  
 Float : 5905187 - Cycle : 132 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7794 - Date : 2020 6 18  
 Float : 5905400 - Cycle : 81 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 904 - Date : 2020 6 17

Files data\_mode='D'

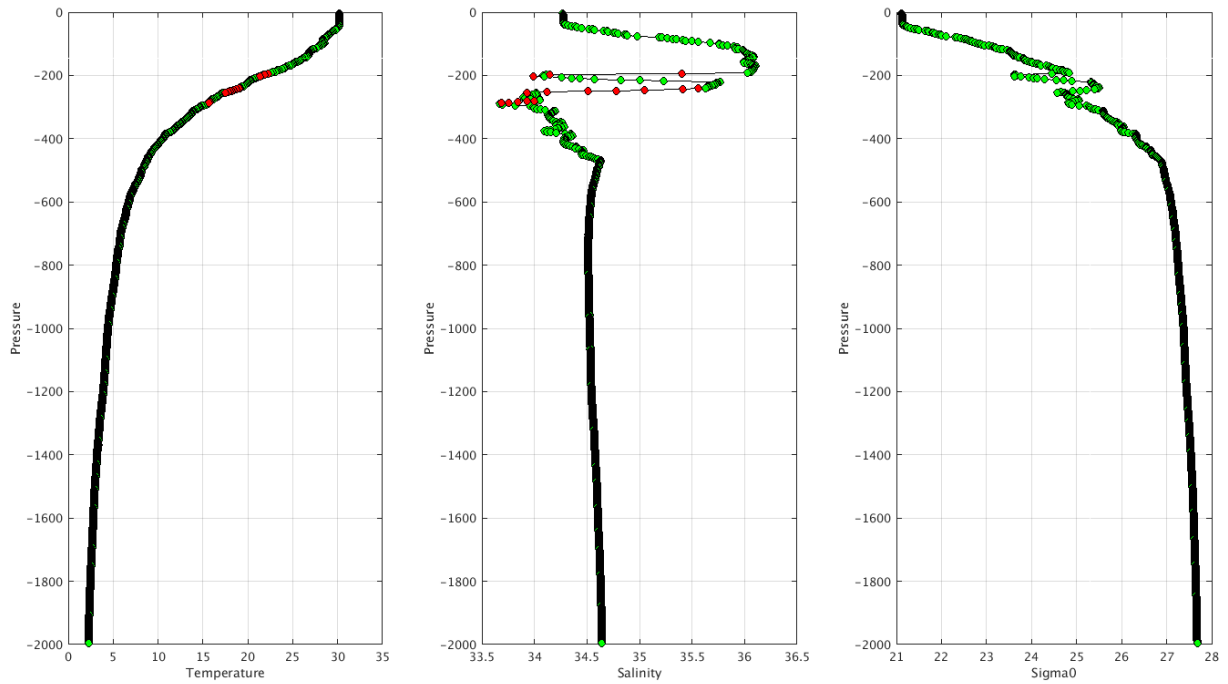
Warning Objective Analysis Anomalies 2020 June TEMP PSAL - DAC CS



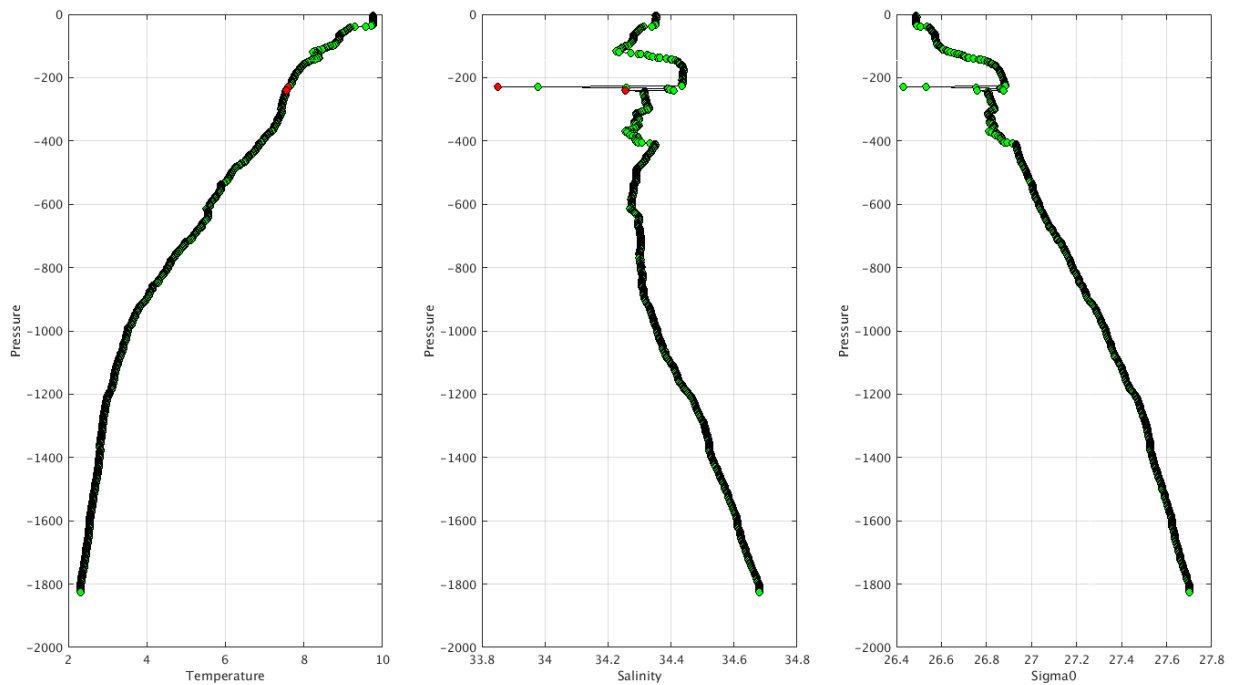
The list of the anomalies can be found at <http://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/csiro/>

Example of anomalies:

Warning Objective Analysis Anomalies 2020 June TEMP PSAL : DAC CS- Float 5904250 - 254



Warning Objective Analysis Anomalies 2020 June TEMP PSAL : DAC CS- Float 5905187 - 132

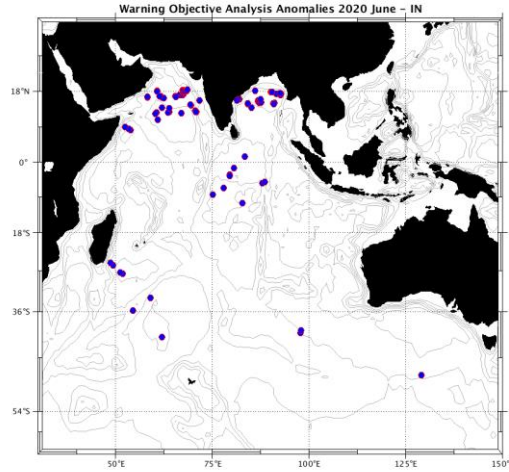




#### 4.5. DAC INCOIS

Profiles detected by the objective analysis: 91 profiles (41 floats, but floats can have several cycles with anomalies)

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



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

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

Float : 2902122 - Cycle : 143 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : OIN-13-IND-ARI-003 - Date : 2018 1 30

Float : 2902200 - Cycle : 156 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2020 6 4

Float : 2902200 - Cycle : 157 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2020 6 14

Float : 2902200 - Cycle : 158 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2020 6 24

Float : 2902201 - Cycle : 156 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2020 6 4

Float : 2902201 - Cycle : 157 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2020 6 14

Float : 2902201 - Cycle : 158 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2020 6 24

Float : 2902205 - Cycle : 250 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2020 6 21

Float : 2902209 - Cycle : 138 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020 6 4

Float : 2902209 - Cycle : 139 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020 6 14

Float : 2902209 - Cycle : 140 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020 6 24

Float : 2902211 - Cycle : 162 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020 2 22

Float : 2902211 - Cycle : 163 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020 3 3

Float : 2902211 - Cycle : 164 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020 3 13

Float : 2902211 - Cycle : 165 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020 3 23

Float : 2902211 - Cycle : 166 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020 4 2

Float : 2902211 - Cycle : 167 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020 4 12

Float : 2902211 - Cycle : 168 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020 4 22

Float : 2902211 - Cycle : 169 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020 5 2

Float : 2902211 - Cycle : 170 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020 5 12

Float : 2902211 - Cycle : 171 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020 5 22

Float : 2902211 - Cycle : 172 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020 6 1

Float : 2902211 - Cycle : 173 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020 6 11

Float : 2902211 - Cycle : 174 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020 6 21

Float : 2902233 - Cycle : 308 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17005 - Date : 2020 5 28

Float : 2902233 - Cycle : 309 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17005 - Date : 2020 6 2

Float : 2902233 - Cycle : 310 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17005 - Date : 2020 6 7

Float : 2902233 - Cycle : 311 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17005 - Date : 2020 6 12

Float : 2902233 - Cycle : 312 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17005 - Date : 2020 6 17

Float : 2902233 - Cycle : 313 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17005 - Date : 2020 6 22

Float : 2902236 - Cycle : 217 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2020 6 8

Float : 2902246 - Cycle : 89 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17101 - Date : 2020 5 29

Float : 2902250 - Cycle : 85 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17105 - Date : 2020 5 26

Float : 2902250 - Cycle : 86 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17105 - Date : 2020 6 5

Float : 2902254 - Cycle : 108 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17107 - Date : 2020 5 29

Float : 2902255 - Cycle : 191 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17108 - Date : 2020 5 25

Float : 2902255 - Cycle : 192 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17108 - Date : 2020 6 4

Float : 2902256 - Cycle : 191 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17109 - Date : 2020 5 25

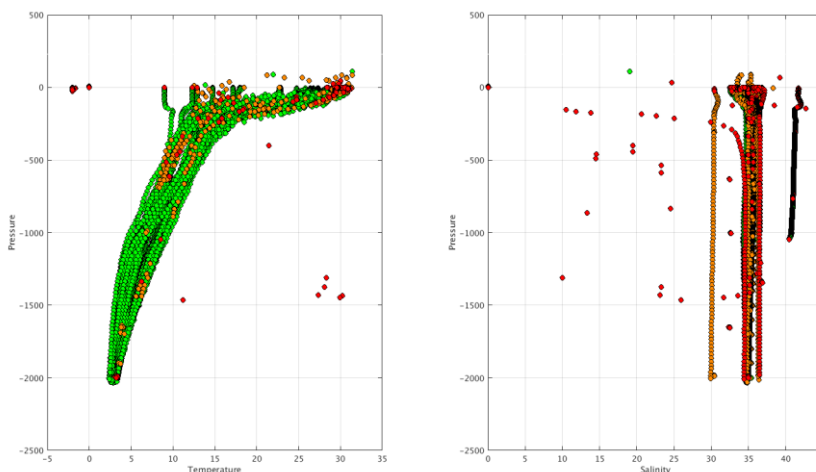
Float : 2902256 - Cycle : 192 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17109 - Date : 2020 6 4

Float : 2902256 - Cycle : 194 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17109 - Date : 2020 6 24

Float : 2902259 - Cycle : 84 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17112 - Date : 2020 5 27  
 Float : 2902259 - Cycle : 85 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17112 - Date : 2020 6 6  
 Float : 2902260 - Cycle : 84 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17113 - Date : 2020 5 26  
 Float : 2902260 - Cycle : 85 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17113 - Date : 2020 6 5  
 Float : 2902261 - Cycle : 84 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17114 - Date : 2020 5 26  
 Float : 2902261 - Cycle : 85 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17114 - Date : 2020 6 5  
 Float : 2902262 - Cycle : 84 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17115 - Date : 2020 5 27  
 Float : 2902265 - Cycle : 49 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18001 - Date : 2020 5 31  
 Float : 2902266 - Cycle : 49 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18002 - Date : 2020 5 30  
 Float : 2902267 - Cycle : 49 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2020 5 25  
 Float : 2902267 - Cycle : 50 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2020 6 4  
 Float : 2902268 - Cycle : 50 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2020 6 5  
 Float : 2902268 - Cycle : 51 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2020 6 15  
 Float : 2902268 - Cycle : 52 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2020 6 25  
 Float : 2902269 - Cycle : 49 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18005 - Date : 2020 5 27  
 Float : 2902278 - Cycle : 73 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18006 - Date : 2020 5 24  
 Float : 2902278 - Cycle : 74 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18006 - Date : 2020 5 29  
 Float : 2902278 - Cycle : 75 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18006 - Date : 2020 6 3  
 Float : 2902279 - Cycle : 73 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18007 - Date : 2020 5 24  
 Float : 2902279 - Cycle : 74 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18007 - Date : 2020 5 29  
 Float : 2902279 - Cycle : 75 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18007 - Date : 2020 6 3  
 Float : 2902280 - Cycle : 73 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18008 - Date : 2020 5 25  
 Float : 2902280 - Cycle : 74 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18008 - Date : 2020 5 30  
 Float : 2902280 - Cycle : 75 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18008 - Date : 2020 6 4  
 Float : 2902281 - Cycle : 0 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18009 - Date : 2019 5 26  
 Float : 2902282 - Cycle : 2 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18010 - Date : 2020 5 25  
 Float : 2902282 - Cycle : 74 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18010 - Date : 2020 5 30  
 Float : 2902282 - Cycle : 75 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18010 - Date : 2020 6 4  
 Float : 2902283 - Cycle : 73 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18011 - Date : 2020 5 26  
 Float : 2902283 - Cycle : 74 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18011 - Date : 2020 5 31  
 Float : 2902284 - Cycle : 2 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18012 - Date : 2019 6 6  
 Float : 2902285 - Cycle : 329 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18013 - Date : 2020 5 28  
 Float : 2902285 - Cycle : 330 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18013 - Date : 2020 6 2  
 Float : 2902285 - Cycle : 331 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18013 - Date : 2020 6 7  
 Float : 2902286 - Cycle : 0 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18014 - Date : 2019 8 13  
 Float : 2902286 - Cycle : 29 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18014 - Date : 2020 5 29  
 Float : 2902287 - Cycle : 29 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18015 - Date : 2020 5 26  
 Float : 2902287 - Cycle : 30 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18015 - Date : 2020 6 5  
 Float : 2902288 - Cycle : 29 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18016 - Date : 2020 5 25  
 Float : 2902288 - Cycle : 30 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18016 - Date : 2020 6 4  
 Float : 2902289 - Cycle : 29 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18017 - Date : 2020 5 25  
 Float : 2902290 - Cycle : 30 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18018 - Date : 2020 6 3  
 Float : 2902292 - Cycle : 30 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18020 - Date : 2020 6 1  
 Float : 2902300 - Cycle : 9 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18022 - Date : 2020 6 2  
 Float : 2902301 - Cycle : 8 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18023 - Date : 2020 5 25  
 Float : 2902301 - Cycle : 9 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18023 - Date : 2020 6 4  
 Float : 2902302 - Cycle : 8 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18024 - Date : 2020 5 25  
 Float : 2902302 - Cycle : 9 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18024 - Date : 2020 6 4  
 Float : 2902303 - Cycle : 9 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18025 - Date : 2020 6 3  
 Float : 2902304 - Cycle : 8 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18026 - Date : 2020 5 26  
 Float : 2902304 - Cycle : 9 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18026 - Date : 2020 6 5

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

Warning Objective Analysis Anomalies 2020 June TEMP PSAL - DAC IN

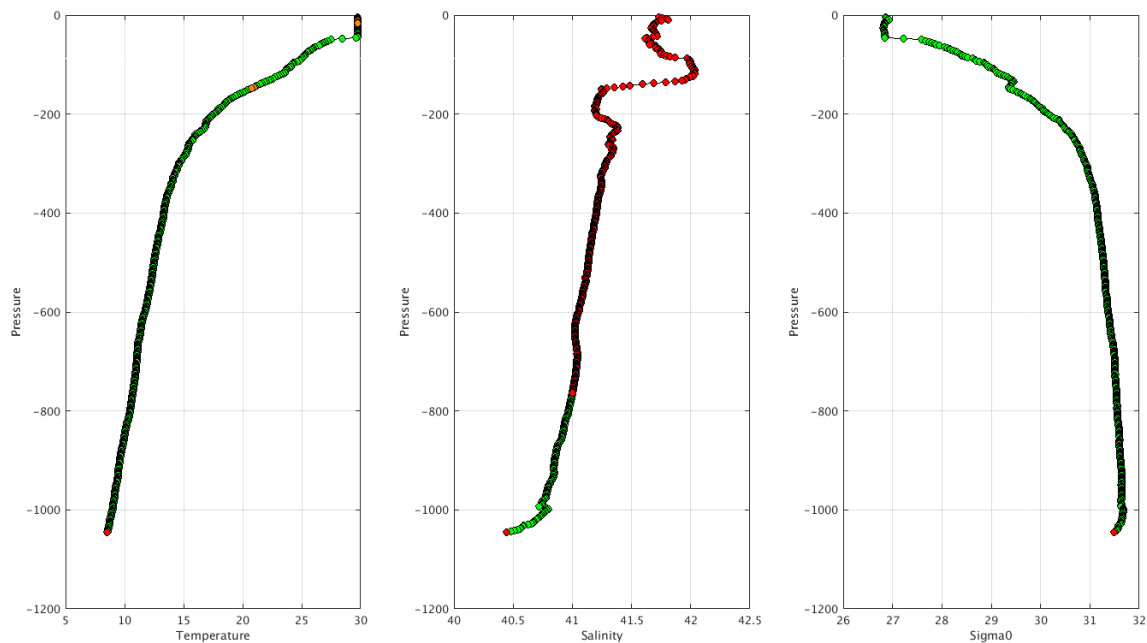


The list of the anomalies can be found at <ftp://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/incois/>

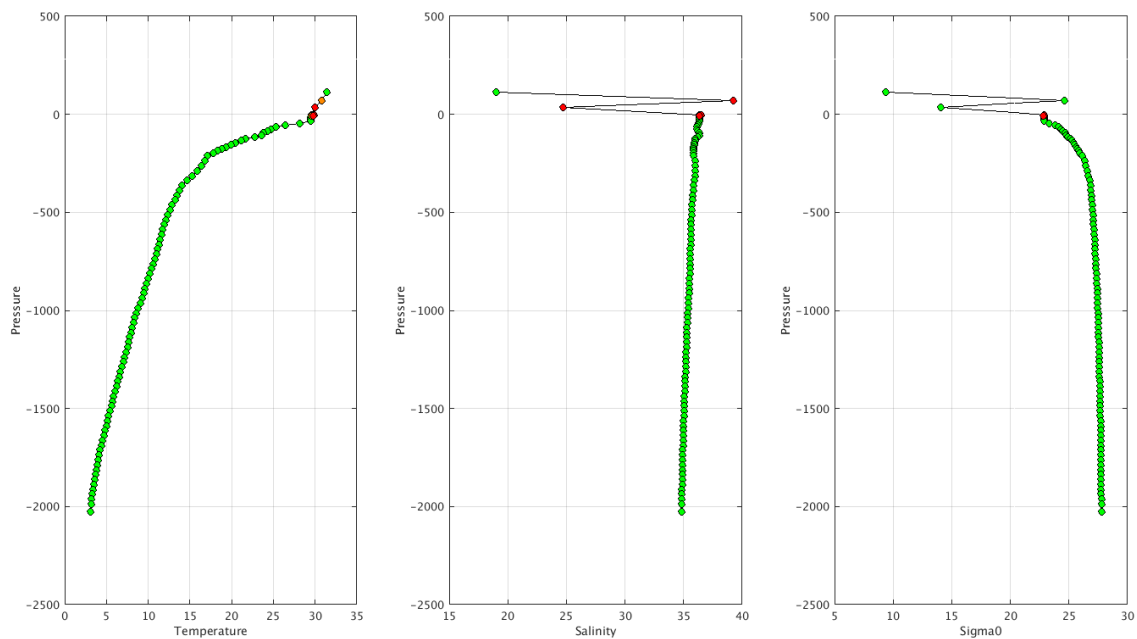
Example of anomalies:

A lot of profiles for which surface temperature with QC1 on TEMP\_ADJUSTED but TEMP with QC4.

Warning Objective Analysis Anomalies 2020 June TEMP PSAL : DAC IN- Float 2902205 - 250



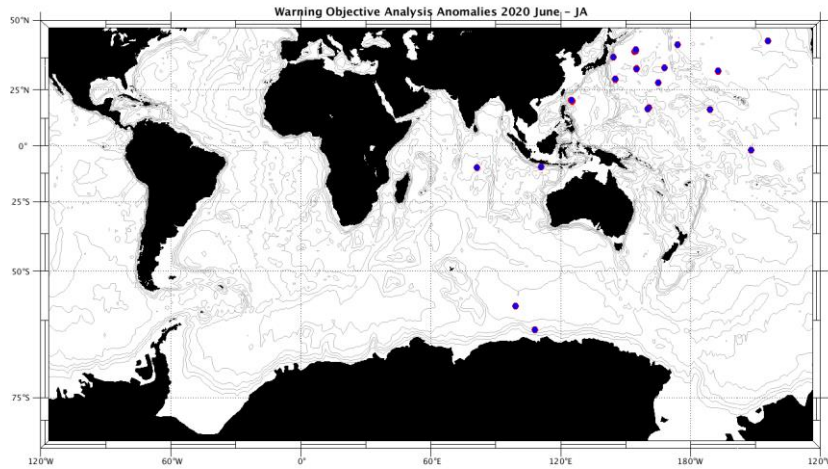
Warning Objective Analysis Anomalies 2020 June TEMP PSAL : DAC IN- Float 2902256 - 194



#### 4.6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 32 profiles (17 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
26 cycles	1 cycle	5 cycles



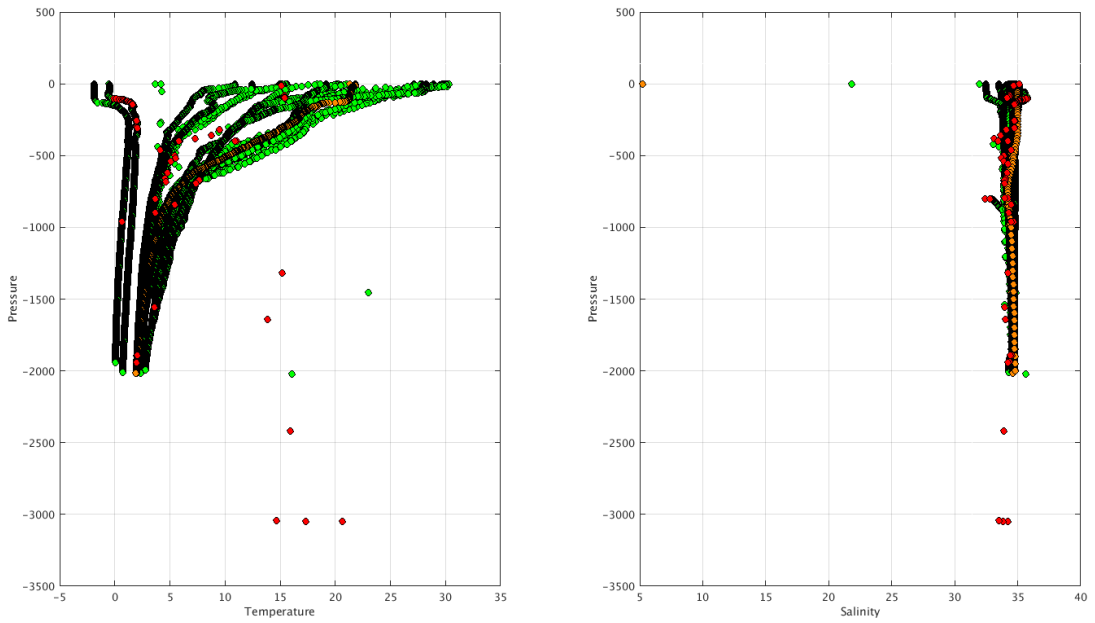
**Status of corrections: Correction in progress, feedbacks each month**

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

Float : 2903005 - Cycle : 1 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8346 - Date : 2018 2 4  
 Float : 2903191 - Cycle : 172 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 5 27  
 Float : 2903191 - Cycle : 173 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 6 1  
 Float : 2903191 - Cycle : 174 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 6 6  
 Float : 2903191 - Cycle : 175 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 6 11  
 Float : 2903191 - Cycle : 176 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 6 16  
 Float : 2903191 - Cycle : 177 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 6 21  
 Float : 2903191 - Cycle : 178 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 6 26  
 Float : 2903214 - Cycle : 169 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP002 - Date : 2020 5 27  
 Float : 2903214 - Cycle : 170 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP002 - Date : 2020 6 1  
 Float : 2903214 - Cycle : 171 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP002 - Date : 2020 6 6  
 Float : 2903214 - Cycle : 172 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP002 - Date : 2020 6 11  
 Float : 2903222 - Cycle : 16 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-17JP008 - Date : 2018 12 20  
 Float : 2903341 - Cycle : 90 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-17JP023 - Date : 2020 6 11  
 Float : 2903341 - Cycle : 91 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-17JP023 - Date : 2020 6 16  
 Float : 2903341 - Cycle : 92 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-17JP023 - Date : 2020 6 21  
 Float : 2903341 - Cycle : 93 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-17JP023 - Date : 2020 6 26  
 Float : 2903391 - Cycle : 35 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 44 - Date : 2020 6 26  
 Float : 2903404 - Cycle : 40 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8529 - Date : 2020 6 20  
 Float : 2903608 - Cycle : 58 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 51 - Date : 2020 6 4  
 Float : 2903626 - Cycle : 2 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-19JP009 - Date : 2020 6 21  
 Float : 2903626 - Cycle : 3 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-19JP009 - Date : 2020 6 26  
 Float : 4902981 - Cycle : 68 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8265 - Date : 2020 6 15  
 Float : 5905839 - Cycle : 54 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8520 - Date : 2020 6 9  
 Float : 5905876 - Cycle : 49 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 48 - Date : 2020 6 29  
 Float : 5905879 - Cycle : 15 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8617 - Date : 2020 6 28  
 Float : 7900869 - Cycle : 54 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0917 - Date : 2020 6 19

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

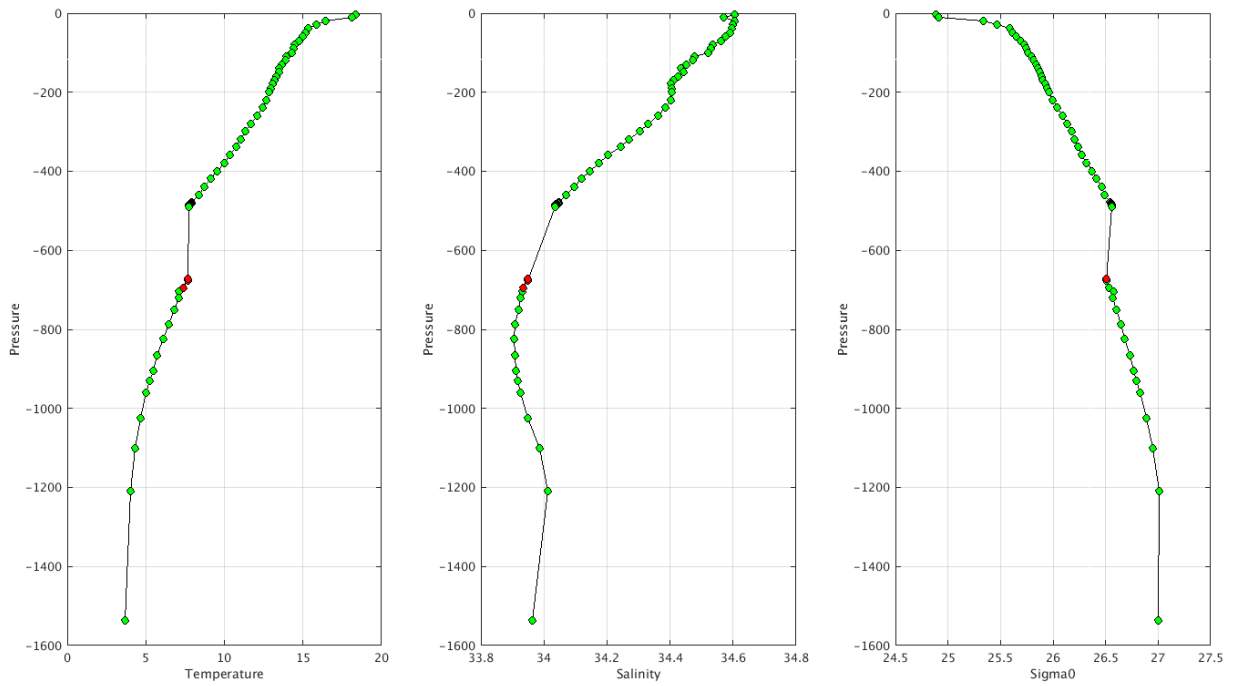
Float : 4900388 - Cycle : 36 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 922 - Date : 2004 6 5  
 Float : 4900388 - Cycle : 37 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 922 - Date : 2004 6 15  
 Float : 5900295 - Cycle : 50 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 777 - Date : 2004 6 6  
 Float : 5900295 - Cycle : 51 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 777 - Date : 2004 6 16  
 Float : 5900382 - Cycle : 36 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 920 - Date : 2004 5 31



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

Example of anomalies:

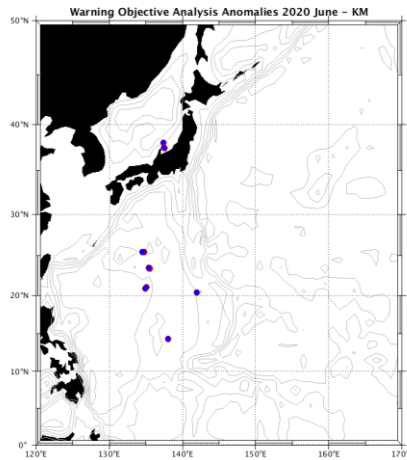
Warning Objective Analysis Anomalies 2020 June TEMP PSAL : DAC JA - Float 4900388 - 36



4.7. DAC KMA

Profiles detected by the objective analysis: 12 profiles (6 floats can have several cycles with anomalies)

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



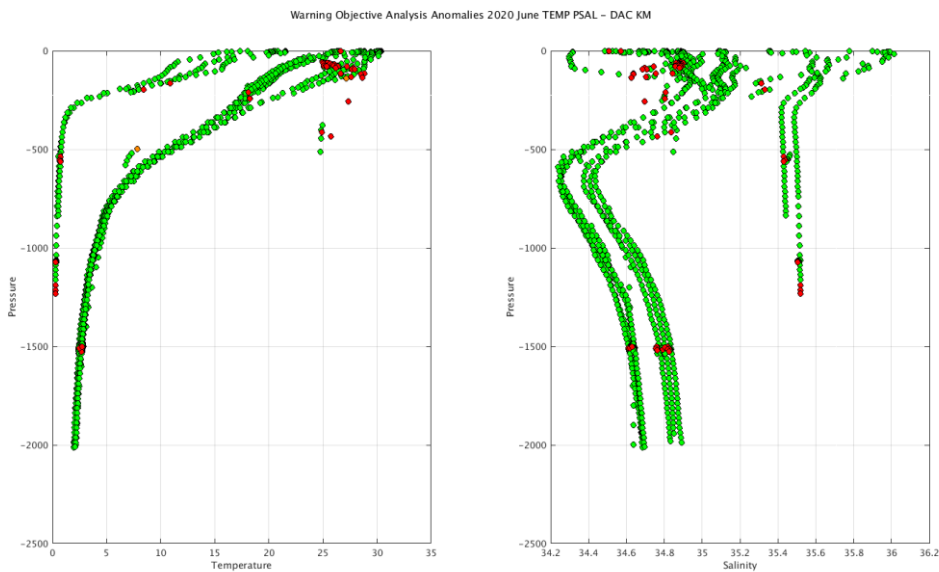
**Status of corrections: Correction not done for all, few feedbacks**

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

- Float : 2901758 - Cycle : 127 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 5 30
- Float : 2901758 - Cycle : 128 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 6 9
- Float : 2901758 - Cycle : 129 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 6 19
- Float : 2901760 - Cycle : 140 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 5 31
- Float : 2901760 - Cycle : 141 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 6 10
- Float : 2901760 - Cycle : 142 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 6 20
- Float : 2901763 - Cycle : 138 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 6 1
- Float : 2901763 - Cycle : 139 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 6 11
- Float : 2901765 - Cycle : 140 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 6 1
- Float : 2901765 - Cycle : 141 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 6 11

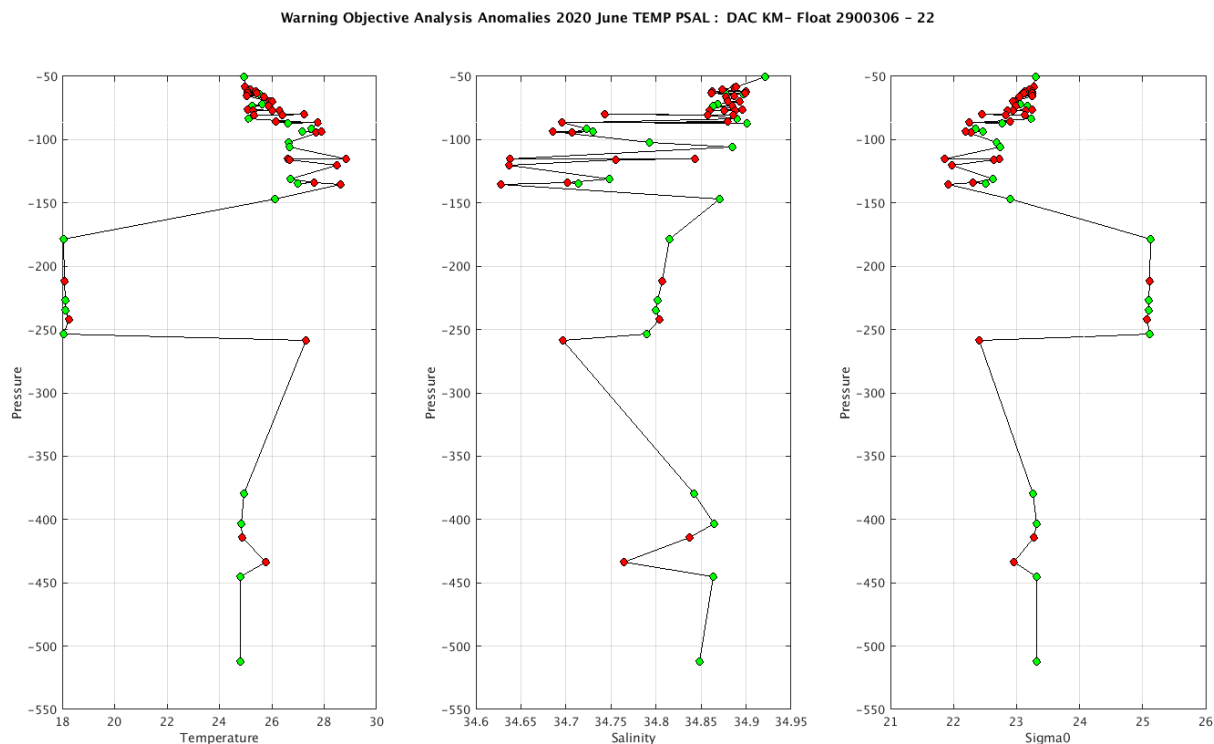
Files data\_mode='D'

- Float : 2900306 - Cycle : 22 - PI : Jang-Won Seo - Data mode : D - INST REF : APEX-SBE 1200 - Date : 2004 5 24
- Float : 2900309 - Cycle : 22 - PI : Yong-Hoon Youn - Data mode : D - INST REF : APEX-SBE 1121 - Date : 2004 5 25



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

Example of anomalies:



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

- Error on salinity\_adjusted 0.000 ?? floats 2900170 – 2900171

netcdf D2900171\_067 {

PSAL\_ADJUSTED\_ERROR =

0.000, 0.000, 0.000, 0.000, 0.000, 0.000, .....

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

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

#### 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	10 cycle	0 cycle

#### **Status of corrections:**

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

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

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

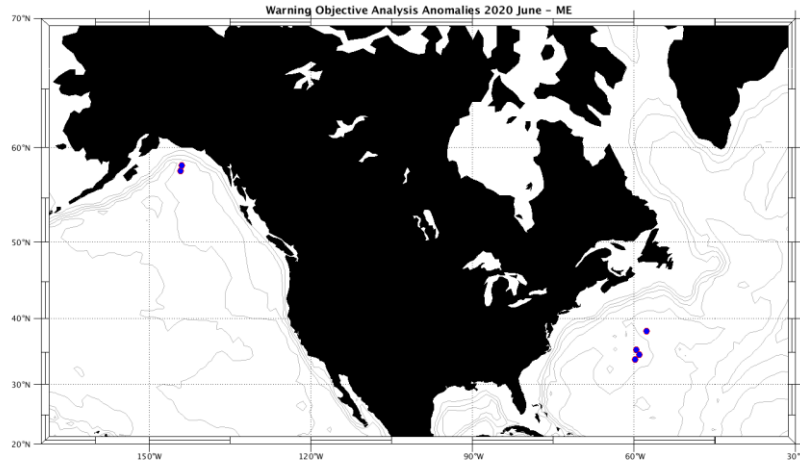
**Example of anomalies:**



4.9. DAC MEDS

Profiles detected by the objective analysis: 6 profiles (3 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
3 cycles	2 cycles	1 cycle



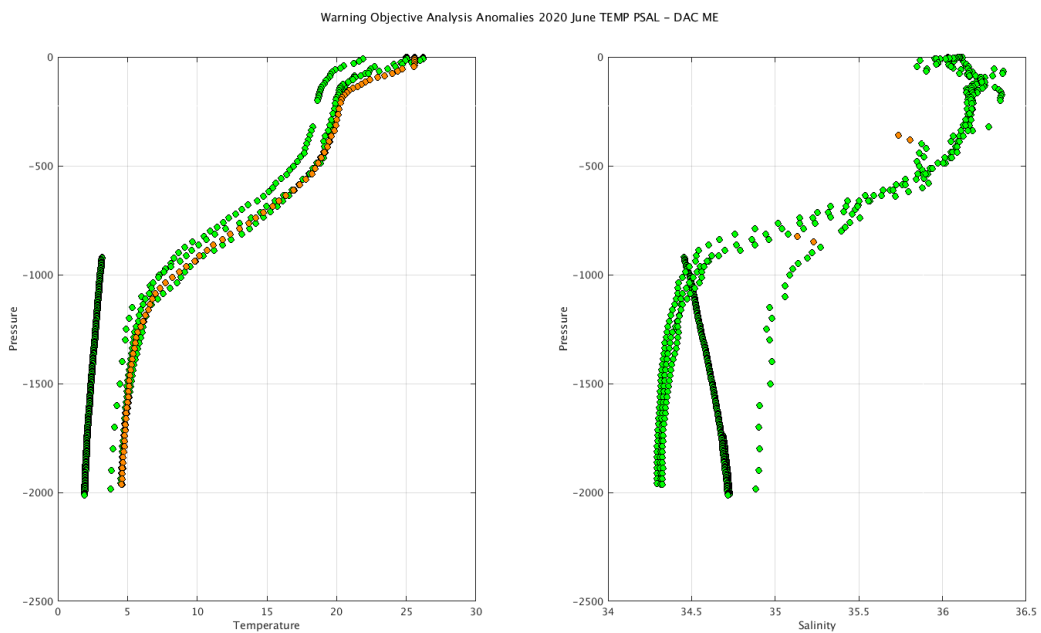
**Status of corrections: Correction not done or in progress, no feedback**

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

- Float : 4902465 - Cycle : 69 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 601 - Date : 2020 5 31
- Float : 4902465 - Cycle : 70 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 601 - Date : 2020 6 10
- Float : 4902470 - Cycle : 42 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 6 6
- Float : 4902470 - Cycle : 43 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 6 16
- Float : 4902470 - Cycle : 44 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 6 26

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

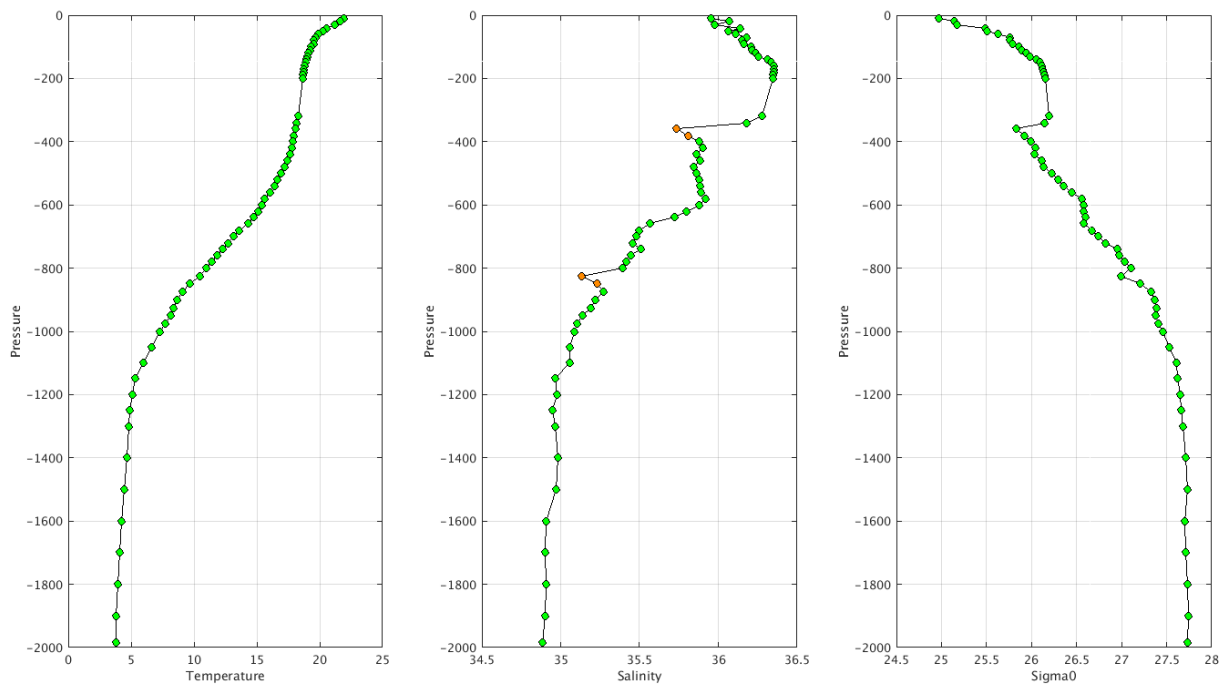
- Float : 4900412 - Cycle : 22 - PI : Howard Freeland - Data mode : D - Platform type : PROVOR-SBE - WMO inst type : 841 - FLOAT SERIAL : MT-115 - Date : 2004 6 17



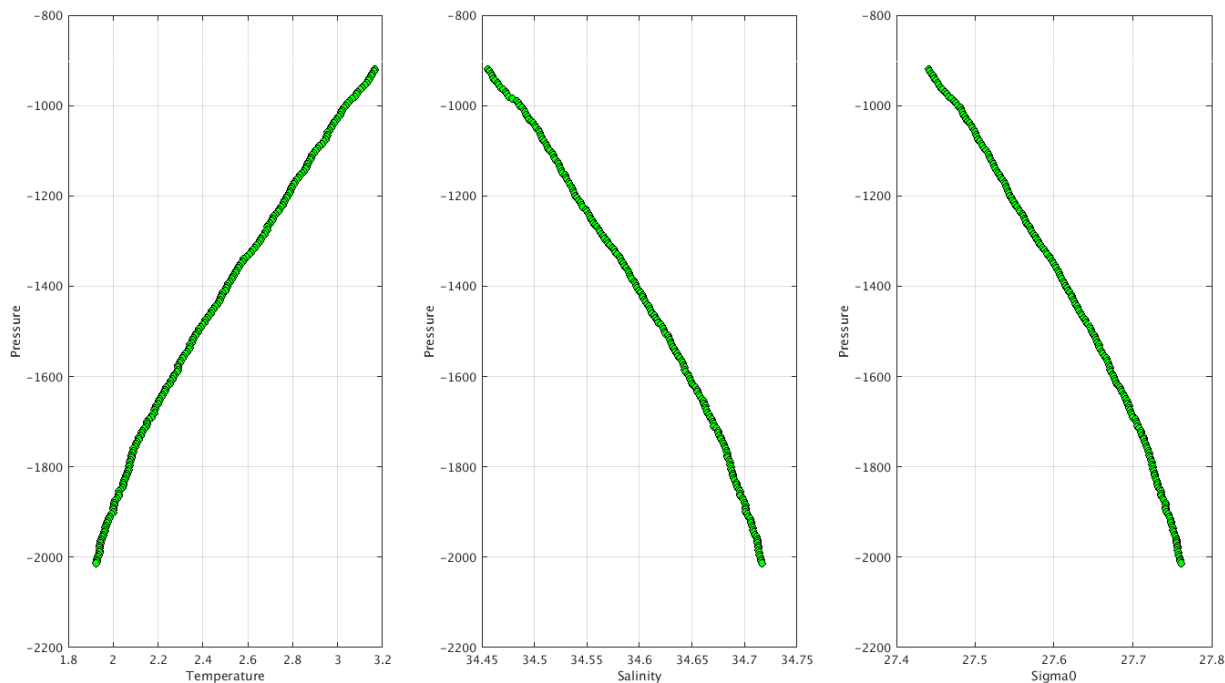
The list of the anomalies can be found at <ftp://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/meds/>

Example of anomalies:

Warning Objective Analysis Anomalies 2020 June TEMP PSAL : DAC ME- Float 4900412 - 22



Warning Objective Analysis Anomalies 2020 June TEMP PSAL : DAC ME- Float 4902465 - 70





## 5. 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

### 5.1. 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 : 7483

1900167 - Existing NetCDF files

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

1900168 - Existing NetCDF files

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

1900189 - Existing NetCDF files

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

1900244 - Existing NetCDF files

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

1900245 - Existing NetCDF files

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

1900255 - Existing NetCDF files

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

1900257 - Existing NetCDF files

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

1900748 - Existing NetCDF files

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

1900831 - Existing NetCDF files

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

1901658 - Existing NetCDF files

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

2901106 - Existing NetCDF files

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

3900148 - Existing NetCDF files

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

3900160 - Existing NetCDF files

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

41534 - Existing NetCDF files

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

4900228 - Existing NetCDF files

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

4900229 - Existing NetCDF files

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

4900230 - Existing NetCDF files

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

4900268 - Existing NetCDF files

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

4900269 - Existing NetCDF files

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

4900270 - Existing NetCDF files

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

4900271 - Existing NetCDF files

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

4900272 - Existing NetCDF files

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

4900273 - Existing NetCDF files  
File : 4900273\_meta.nc - 4900273\_prof.nc -

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

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

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

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

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

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

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

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

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

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

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

4900433 - Existing NetCDF files  
File : 4900433\_Rtraj.nc - 4900433\_meta.nc - 4900433\_tech.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

5906186 - Existing NetCDF files  
File : 5906186\_meta.nc - 5906186\_prof.nc -

5906187 - Existing NetCDF files  
File : 5906187\_meta.nc - 5906187\_prof.nc -

5906188 - Existing NetCDF files  
File : 5906188\_meta.nc - 5906188\_prof.nc

## 5.2. BODC

## GDAC (missing nc files)

### For some floats :

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

## **MAINLY TRAJECTORY FILE MISSING**

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

#### **DAC name : bodc – Number of floats : 734**

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

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1901865 - Existing NetCDF files

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1901866 - Existing NetCDF files

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

1901867 - Existing NetCDF files

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1901868 - Existing NetCDF files

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1901869 - Existing NetCDF files

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1901870 - Existing NetCDF files

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1901871 - Existing NetCDF files

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1901872 - Existing NetCDF files

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1901873 - Existing NetCDF files

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1901875 - Existing NetCDF files

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1901876 - Existing NetCDF files

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1901877 - Existing NetCDF files

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1901878 - Existing NetCDF files

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1901879 - Existing NetCDF files

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1901880 - Existing NetCDF files

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1901881 - Existing NetCDF files  
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1901882 - Existing NetCDF files  
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1901883 - Existing NetCDF files  
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1901884 - Existing NetCDF files  
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1901885 - Existing NetCDF files  
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1901886 - Existing NetCDF files  
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1901887 - Existing NetCDF files  
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1901888 - Existing NetCDF files  
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1901894 - Existing NetCDF files  
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1901896 - Existing NetCDF files  
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1901897 - Existing NetCDF files  
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1901898 - Existing NetCDF files  
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1901899 - Existing NetCDF files  
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1901900 - Existing NetCDF files  
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1901901 - Existing NetCDF files  
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1901902 - Existing NetCDF files  
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1901903 - Existing NetCDF files  
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1901904 - Existing NetCDF files  
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1901906 - Existing NetCDF files  
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1901907 - Existing NetCDF files  
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1901909 - Existing NetCDF files  
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1901910 - Existing NetCDF files  
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1901911 - Existing NetCDF files  
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1901912 - Existing NetCDF files  
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1901914 - Existing NetCDF files  
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1901915 - Existing NetCDF files  
File : 1901915\_meta.nc - 1901915\_prof.nc - 1901915\_tech.nc -  
1901916 - Existing NetCDF files  
File : 1901916\_meta.nc - 1901916\_prof.nc - 1901916\_tech.nc -  
1901917 - Existing NetCDF files  
File : 1901917\_meta.nc - 1901917\_prof.nc - 1901917\_tech.nc -  
1902079 - Existing NetCDF files  
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1902080 - Existing NetCDF files  
File : 1902080\_meta.nc - 1902080\_prof.nc - 1902080\_tech.nc -  
2901892 - Existing NetCDF files  
File : 2901892\_meta.nc - 2901892\_prof.nc - 2901892\_tech.nc -  
2901893 - Existing NetCDF files  
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2901894 - Existing NetCDF files  
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2901895 - Existing NetCDF files  
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2901896 - Existing NetCDF files  
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2901897 - Existing NetCDF files  
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2901898 - Existing NetCDF files  
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2901899 - Existing NetCDF files  
File : 2901899\_meta.nc - 2901899\_prof.nc - 2901899\_tech.nc -  
2901900 - Existing NetCDF files  
File : 2901900\_meta.nc - 2901900\_prof.nc - 2901900\_tech.nc -  
2901902 - Existing NetCDF files  
File : 2901902\_meta.nc - 2901902\_prof.nc - 2901902\_tech.nc -  
2901903 - Existing NetCDF files  
File : 2901903\_meta.nc - 2901903\_prof.nc - 2901903\_tech.nc -  
2901904 - Existing NetCDF files  
File : 2901904\_meta.nc - 2901904\_prof.nc - 2901904\_tech.nc -  
2901905 - Existing NetCDF files  
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3900538 - Existing NetCDF files  
File : 3900538\_meta.nc - 3900538\_prof.nc - 3900538\_tech.nc -

3900559 - Existing NetCDF files  
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3900560 - Existing NetCDF files  
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3901488 - Existing NetCDF files  
File : 3901488\_meta.nc - 3901488\_prof.nc - 3901488\_tech.nc -

3901489 - Existing NetCDF files  
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3901490 - Existing NetCDF files  
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3901491 - Existing NetCDF files  
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3901492 - Existing NetCDF files  
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3901493 - Existing NetCDF files  
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3901494 - Existing NetCDF files  
File : 3901494\_meta.nc - 3901494\_prof.nc - 3901494\_tech.nc -

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

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

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

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

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

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

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

3901505 - Existing NetCDF files  
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3901506 - Existing NetCDF files  
File : 3901506\_meta.nc - 3901506\_prof.nc - 3901506\_tech.nc -

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

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

3901509 - Existing NetCDF files

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

3901511 - Existing NetCDF files  
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3901512 - Existing NetCDF files  
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3901513 - Existing NetCDF files  
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3901514 - Existing NetCDF files  
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3901515 - Existing NetCDF files  
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3901516 - Existing NetCDF files  
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3901517 - Existing NetCDF files  
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3901519 - Existing NetCDF files  
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3901520 - Existing NetCDF files  
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3901521 - Existing NetCDF files  
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3901522 - Existing NetCDF files  
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3901523 - Existing NetCDF files  
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3901524 - Existing NetCDF files  
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3901525 - Existing NetCDF files  
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3901526 - Existing NetCDF files  
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3901527 - Existing NetCDF files  
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3901528 - Existing NetCDF files  
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3901529 - Existing NetCDF files  
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3901532 - Existing NetCDF files  
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3901533 - Existing NetCDF files  
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3901534 - Existing NetCDF files  
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3901535 - Existing NetCDF files  
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3901536 - Existing NetCDF files  
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3901537 - Existing NetCDF files  
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3901538 - Existing NetCDF files  
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3901539 - Existing NetCDF files  
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3901546 - Existing NetCDF files  
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3901547 - Existing NetCDF files  
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3901548 - Existing NetCDF files  
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3901549 - Existing NetCDF files  
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3901550 - Existing NetCDF files  
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3901551 - Existing NetCDF files  
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3901553 - Existing NetCDF files  
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3901554 - Existing NetCDF files  
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3901556 - 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  
File : 49065\_meta.nc - 49065\_prof.nc - 49065\_tech.nc -

6901153 - Existing NetCDF files  
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6901155 - Existing NetCDF files  
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6901156 - Existing NetCDF files  
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6901157 - Existing NetCDF files  
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6901158 - Existing NetCDF files  
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6901159 - Existing NetCDF files  
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6901160 - Existing NetCDF files  
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6901161 - Existing NetCDF files  
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6901162 - Existing NetCDF files  
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6901163 - Existing NetCDF files  
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6901164 - Existing NetCDF files  
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6901165 - Existing NetCDF files  
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6901166 - Existing NetCDF files  
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6901167 - Existing NetCDF files  
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6901168 - Existing NetCDF files  
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6901169 - Existing NetCDF files  
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6901170 - Existing NetCDF files  
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6901171 - Existing NetCDF files  
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6901172 - Existing NetCDF files  
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6901173 - Existing NetCDF files  
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6901176 - Existing NetCDF files  
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6901177 - Existing NetCDF files  
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6901178 - Existing NetCDF files

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6901179 - Existing NetCDF files

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6901188 - Existing NetCDF files

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6901189 - Existing NetCDF files

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6901190 - Existing NetCDF files

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6901192 - Existing NetCDF files

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6901194 - Existing NetCDF files

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6901195 - Existing NetCDF files

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6901196 - 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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6901206 - 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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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

File : 6901928\_meta.nc - 6901928\_prof.nc - 6901928\_tech.nc

6903716 - Existing NetCDF files

File : 6903716\_meta.nc - 6903716\_prof.nc - 6903716\_tech.nc -

6903717 - Existing NetCDF files

File : 6903717\_meta.nc - 6903717\_prof.nc - 6903717\_tech.nc

### 5.3. 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 : 3015**

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 -

3900794 - Existing NetCDF files

File : 3900794\_Rtraj.nc - 3900794\_meta.nc -

5902309 - Existing NetCDF files

File : 5902309\_Rtraj.nc - 5902309\_meta.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 -

6901069 - Existing NetCDF files

File : 6901069\_Rtraj.nc - 6901069\_meta.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

**5.4. 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 : 435**

**5.5. 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 : 936**

1901743 - Existing NetCDF files

File : 1901743\_meta.nc - 1901743\_prof.nc - 1901743\_tech.nc -

1901744 - Existing NetCDF files

File : 1901744\_meta.nc - 1901744\_prof.nc - 1901744\_tech.nc -

1901745 - Existing NetCDF files

File : 1901745\_meta.nc - 1901745\_prof.nc - 1901745\_tech.nc -

1901746 - Existing NetCDF files

File : 1901746\_meta.nc - 1901746\_prof.nc - 1901746\_tech.nc -

1901747 - Existing NetCDF files

File : 1901747\_meta.nc - 1901747\_prof.nc - 1901747\_tech.nc -

1901749 - Existing NetCDF files

File : 1901749\_meta.nc - 1901749\_prof.nc - 1901749\_tech.nc -

1901752 - Existing NetCDF files

File : 1901752\_meta.nc - 1901752\_prof.nc - 1901752\_tech.nc -

1901753 - Existing NetCDF files

File : 1901753\_meta.nc - 1901753\_prof.nc - 1901753\_tech.nc -

3901467 - Existing NetCDF files

File : 3901467\_meta.nc - 3901467\_prof.nc - 3901467\_tech.nc -

5904221 - Existing NetCDF files

File : 5904221\_meta.nc - 5904221\_prof.nc - 5904221\_tech.nc -

5904224 - Existing NetCDF files

File : 5904224\_meta.nc - 5904224\_prof.nc - 5904224\_tech.nc -

5904226 - Existing NetCDF files

File : 5904226\_meta.nc - 5904226\_prof.nc - 5904226\_tech.nc -

5904916 - Existing NetCDF files

File : 5904916\_meta.nc - 5904916\_prof.nc - 5904916\_tech.nc -

5904917 - Existing NetCDF files

File : 5904917\_meta.nc - 5904917\_prof.nc - 5904917\_tech.nc -

5904922 - Existing NetCDF files

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

5904925 - Existing NetCDF files

File : 5904925\_meta.nc - 5904925\_prof.nc - 5904925\_tech.nc -

5905205 - Existing NetCDF files

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

5905389 - Existing NetCDF files

File : 5905389\_meta.nc - 5905389\_prof.nc - 5905389\_tech.nc -

5905390 - Existing NetCDF files

File : 5905390\_meta.nc - 5905390\_prof.nc - 5905390\_tech.nc -

5905393 - Existing NetCDF files

File : 5905393\_meta.nc - 5905393\_prof.nc - 5905393\_tech.nc -

5905394 - Existing NetCDF files

File : 5905394\_meta.nc - 5905394\_prof.nc - 5905394\_tech.nc -

5905410 - Existing NetCDF files

File : 5905410\_meta.nc - 5905410\_prof.nc - 5905410\_tech.nc -

5905411 - Existing NetCDF files

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5905412 - Existing NetCDF files

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5905413 - Existing NetCDF files

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5905419 - Existing NetCDF files

File : 5905419\_meta.nc - 5905419\_prof.nc - 5905419\_tech.nc -

5905420 - Existing NetCDF files

File : 5905420\_meta.nc - 5905420\_prof.nc - 5905420\_tech.nc -

5905421 - Existing NetCDF files

File : 5905421\_meta.nc - 5905421\_prof.nc - 5905421\_tech.nc -

5905430 - Existing NetCDF files

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5905431 - Existing NetCDF files

File : 5905431\_meta.nc - 5905431\_prof.nc - 5905431\_tech.nc -

5905432 - Existing NetCDF files

File : 5905432\_meta.nc - 5905432\_prof.nc - 5905432\_tech.nc -

5905454 - Existing NetCDF files

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

7900638 - Existing NetCDF files

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

7900639 - Existing NetCDF files

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

7900640 - Existing NetCDF files

File : 7900640\_meta.nc - 7900640\_prof.nc - 7900640\_tech.nc -

7900641 - Existing NetCDF files

File : 7900641\_meta.nc - 7900641\_prof.nc - 7900641\_tech.nc -

7900642 - Existing NetCDF files

File : 7900642\_meta.nc - 7900642\_prof.nc - 7900642\_tech.nc -

7900643 - Existing NetCDF files

File : 7900643\_meta.nc - 7900643\_prof.nc - 7900643\_tech.nc -

7900646 - Existing NetCDF files

File : 7900646\_meta.nc - 7900646\_prof.nc - 7900646\_tech.nc -

7900647 - Existing NetCDF files

File : 7900647\_meta.nc - 7900647\_prof.nc - 7900647\_tech.nc -

7900648 - Existing NetCDF files

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

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

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

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

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

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

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

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

## 5.6. INCOIS

**For some floats :**

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

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

**DAC name : incois – Number of floats : 491**

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

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

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

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

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

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

2902231 - Existing NetCDF files  
File : 2902231\_meta.nc - 2902231\_prof.nc - 2902231\_tech.nc -

2902232 - Existing NetCDF files  
File : 2902232\_meta.nc - 2902232\_prof.nc - 2902232\_tech.nc -

2902233 - Existing NetCDF files  
File : 2902233\_meta.nc - 2902233\_prof.nc - 2902233\_tech.nc -

2902234 - Existing NetCDF files  
File : 2902234\_meta.nc - 2902234\_prof.nc - 2902234\_tech.nc -

2902235 - Existing NetCDF files  
File : 2902235\_meta.nc - 2902235\_prof.nc - 2902235\_tech.nc -

2902236 - Existing NetCDF files  
File : 2902236\_meta.nc - 2902236\_prof.nc - 2902236\_tech.nc -

2902246 - Existing NetCDF files  
File : 2902246\_meta.nc - 2902246\_prof.nc - 2902246\_tech.nc -

2902248 - Existing NetCDF files  
File : 2902248\_meta.nc - 2902248\_prof.nc - 2902248\_tech.nc -

2902249 - Existing NetCDF files  
File : 2902249\_meta.nc - 2902249\_prof.nc - 2902249\_tech.nc -

2902250 - Existing NetCDF files  
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2902251 - Existing NetCDF files  
File : 2902251\_meta.nc - 2902251\_prof.nc - 2902251\_tech.nc -

2902252 - Existing NetCDF files  
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2902253 - Existing NetCDF files  
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2902254 - Existing NetCDF files  
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2902255 - Existing NetCDF files  
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2902256 - Existing NetCDF files  
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2902257 - Existing NetCDF files  
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2902258 - Existing NetCDF files  
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2902259 - Existing NetCDF files  
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2902260 - Existing NetCDF files  
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2902261 - Existing NetCDF files  
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2902279 - Existing NetCDF files  
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2902290 - Existing NetCDF files  
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2902293 - Existing NetCDF files  
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2902300 - Existing NetCDF files  
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2902301 - Existing NetCDF files  
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2902302 - Existing NetCDF files  
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2902303 - Existing NetCDF files  
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2902304 - Existing NetCDF files  
File : 2902304\_meta.nc - 2902304\_prof.nc - 2902304\_tech.nc -

## 5.7. 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**

<b>2902508</b>	<b>7900600</b>	<b>7900655</b>
<b>2902509</b>	<b>7900601</b>	<b>7900657</b>
<b>2902510</b>	<b>7900652</b>	<b>7900658</b>
<b>5904937</b>	<b>7900653</b>	<b>7900660</b>
<b>7900599</b>	<b>7900654</b>	

**-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 : 1764**

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\_Mprof.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 -

2900923 - Existing NetCDF files  
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2900924 - Existing NetCDF files  
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2900925 - Existing NetCDF files  
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2900961 - Existing NetCDF files  
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2900962 - Existing NetCDF files  
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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  
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2902509 - Existing NetCDF files  
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2902510 - Existing NetCDF files  
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2902529 - Existing NetCDF files  
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2902530 - Existing NetCDF files  
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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  
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2903005 - Existing NetCDF files  
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2903006 - Existing NetCDF files  
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2903007 - Existing NetCDF files  
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2903008 - Existing NetCDF files  
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2903009 - Existing NetCDF files  
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2903010 - Existing NetCDF files  
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2903011 - Existing NetCDF files  
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2903012 - Existing NetCDF files  
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2903013 - Existing NetCDF files  
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2903014 - Existing NetCDF files  
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2903165 - Existing NetCDF files  
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2903166 - Existing NetCDF files  
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2903167 - Existing NetCDF files  
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2903168 - Existing NetCDF files  
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2903169 - Existing NetCDF files  
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2903170 - Existing NetCDF files  
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2903171 - Existing NetCDF files  
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2903172 - Existing NetCDF files  
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2903173 - Existing NetCDF files  
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2903209 - Existing NetCDF files  
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2903210 - 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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2903403 - Existing NetCDF files  
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4900293 - Existing NetCDF files  
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File : 5905882\_meta.nc - 5905882\_prof.nc -

7900024 - Existing NetCDF files

File : 7900024\_Rtraj.nc - 7900024\_meta.nc - 7900024\_tech.nc -

7900025 - Existing NetCDF files

File : 7900025\_Rtraj.nc - 7900025\_meta.nc - 7900025\_tech.nc -

7900599 - Existing NetCDF files

File : 7900599\_meta.nc - 7900599\_prof.nc -

7900600 - Existing NetCDF files

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

7900601 - Existing NetCDF files

File : 7900601\_meta.nc - 7900601\_prof.nc -

7900652 - Existing NetCDF files

File : 7900652\_meta.nc - 7900652\_prof.nc -

7900653 - Existing NetCDF files

File : 7900653\_meta.nc - 7900653\_prof.nc -

7900654 - Existing NetCDF files

File : 7900654\_meta.nc - 7900654\_prof.nc -

7900655 - Existing NetCDF files

File : 7900655\_meta.nc - 7900655\_prof.nc -

7900657 - Existing NetCDF files

File : 7900657\_meta.nc - 7900657\_prof.nc -

7900658 - Existing NetCDF files

File : 7900658\_meta.nc - 7900658\_prof.nc -

7900660 - Existing NetCDF files

File : 7900660\_meta.nc - 7900660\_prof.nc -

7900691 - Existing NetCDF files

File : 7900691\_meta.nc - 7900691\_prof.nc -

7900863 - Existing NetCDF files

File : 7900863\_Mprof.nc - 7900863\_meta.nc - 7900863\_prof.nc -

7900864 - Existing NetCDF files

File : 7900864\_meta.nc - 7900864\_prof.nc -

7900866 - Existing NetCDF files

File : 7900866\_meta.nc - 7900866\_prof.nc -

7900868 - Existing NetCDF files

File : 7900868\_meta.nc - 7900868\_prof.nc -

7900872 - Existing NetCDF files

File : 7900872\_meta.nc - 7900872\_prof.nc -

7900873 - Existing NetCDF files

File : 7900873\_meta.nc - 7900873\_prof.nc

7900881 - Existing NetCDF files

File : 7900881\_Mprof.nc - 7900881\_meta.nc - 7900881\_prof.nc

## 5.8. 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 : 247**

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

## 5.9. KORDI/KIOST

**For some floats :**

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

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

**DAC name : kiost – Number of floats : 109**

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 -

## 5.10. MEDS

For some floats :

- traj file missing

See below the list of floats with existing nc files :

DAC name : meds – Number of floats : 550

## 5.11. NMDIS

For some floats :

- 

See below the list of floats with existing nc files :

DAC name : nmdis – Number of floats : 19