



## **GDAC Float Anomalies Monitoring**

**May 2020**

**Christine Coatanoan-Girou**

**Coriolis**

## NOTES

### NOVEMBER 2017

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

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

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

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

### DECEMBER 2017

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

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

### January 2018

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

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

The problem has been resolved rapidly.

### May 2018

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

### July 2018

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

### March 2019

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

### April 2019

Re-organization of the report

### June 2019

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

### September 2019

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

### October 2019

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

#### November 2019

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

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

#### February 2020

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

#### March 2020

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

#### April 2020

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

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# 1. Anomalies of Argo profiles – Suspected drift

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

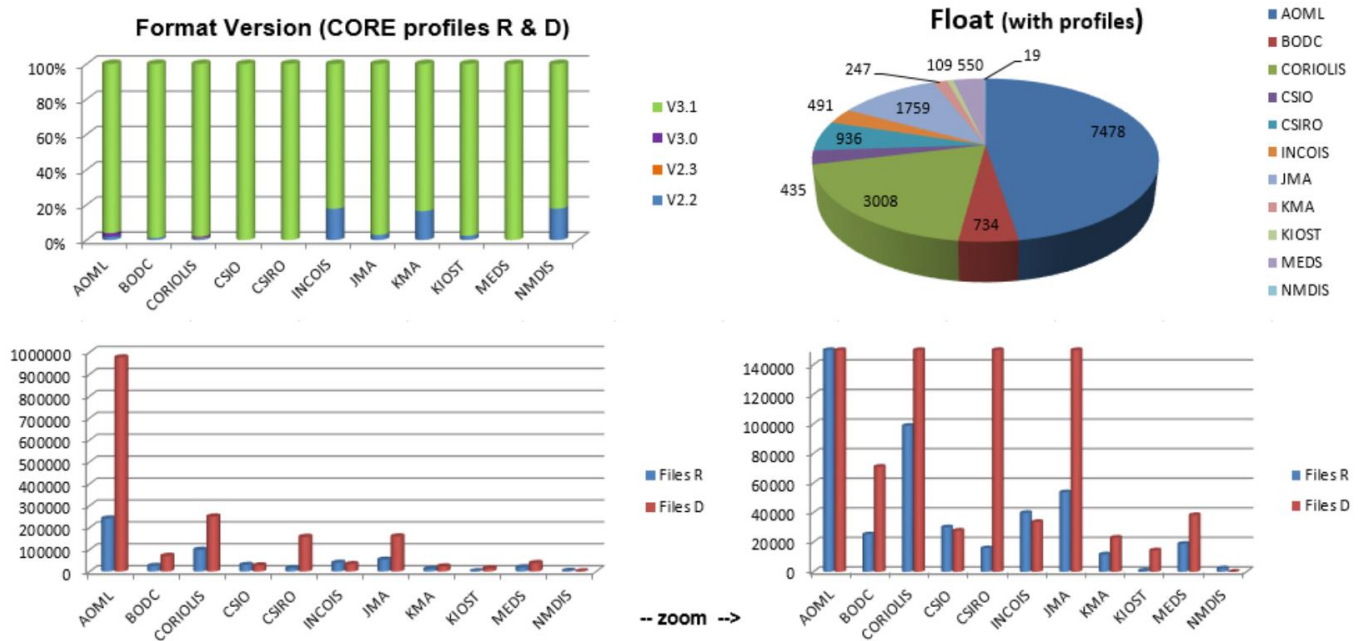
| DAC                     | WMO     | PI                                      | Description      | First station in alert | First cycle in alert | Last Station in alert | Last cycle in alert | SERIAL_NUM | Failure_Type for Coriolis D0 (1-drift, 2-bias, 3-wreck, 4-wrecked, 5-pressure, 6-adjustment issue) | Comment  |
|-------------------------|---------|---|------------------|------------------------|----------------------|-----------------------|---------------------|------------|--|--|
| <b>NEW</b>              |         |   |                  |                        |                      |                       |                     |            |  |  |
| AOML                    | 2902397 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | Argo WHOI        | 2020/05/16             | 167                  | 2020/05/16            | 167                 | 7335       |  | Gap around 3 psu   |
| AOML                    | 3901283 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/03/11             | 114                  | 2020/05/30            | 122                 | 8553       | 1  | Slight drift from cycle 114  |
| AOML                    | 3901808 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | Argo WHOI        | 2020/05/28             | 226                  | 2020/05/28            | 226                 | 8458       |  | Previous Cycles a lot of cycles before, 0.02 PSU salty drift. Now corrected in adjusted. But Cycle 226, gap (more than 1 psu) with QC1 (PSAL& PSAL_ADJUSTED)   |
| AOML                    | 4903055 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | Argo WHOI        | 2020/05/25             | 35                   | 2020/05/25            | 35                  | 11020      |  | Gap or drift, 0.1 psu observed, saltier  |
| AOML                    | 4903171 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/05/26             | 61                   | 2020/05/26            | 61                  | 10759      |  | The four first cycles are fresher (1 PSU) but back to nominal values from cycle 5 on. Drift ? starting from cycle 61.  |
| AOML                    | 4903182 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/04/16             | 54                   | 2020/05/26            | 58                  | 11051      | 1  | Drift from cycle 54, salty jump till 0.1 psu   |
| AOML                    | 5904056 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/04/30             | 225                  | 2020/05/10            | 226                 | 5132       |  | High jump of 0.1 psu - no cycle between cycle 196 and cycle 225  |
| AOML                    | 5904543 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/05/26             | 215                  | 2020/05/26            | 215                 | 5921       |  | Gap or drift starting ?  |
| AOML                    | 5904835 | STEPHEN RISER                           | US ARGO PROJECT  | 2020/03/05             | 122                  | 2020/05/24            | 130                 | 7800       | 1  |  |
| AOML                    | 5905736 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/04/17             | 72                   | 2020/05/27            | 76                  | 10067      |  | Salty jump   |
| AOML                    | 5905988 | ANDREA FASSBENDER                       | Argo UW-MBARI    | 2020/04/28             | 111                  | 2020/05/18            | 113                 | 10762      |  | Salty drift  |
| AOML                    | 5906159 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/04/29             | 30                   | 2020/05/19            | 32                  | 11076      |  | Salty drift  |
| CORLIUS                 | 3901676 | Birgit Klein                            | Argo BSH         | 2020/05/17             | 53                   | 2020/05/17            | 53                  | 11141      |  | Large gap of 0.5 psu   |
| CORLIUS                 | 6901253 | Pedro Velez                             | Argo SPAIN - IEO | 2020/03/11             | 66                   | 2020/05/20            | 73                  | 9918       | 1  | Drift from cycle 66  |
| CSIRO                   | 5904914 | Susan Willefils                         | Argo AUSTRALIA   | 2020/05/16             | 198                  | 2020/05/16            | 198                 | 5988       |  | Jump for the last cycle  |
| KMA                     | 2901763 | Jaeyoung Byon                           | Argo NIMR/KMA    | 2020/05/02             | 135                  | 2020/06/01            | 138                 | null       | 1  | Drift from cycle 135   |
| INDOS                   | 2902241 | M Ravichandran                          | Argo INDIA       | 2017/10/29             | 1                    | 2017/11/20            | 8                   | 9303       |  | Gap of 0.5 psu only for D profile  |
| <b>PREVIOUS REPORTS</b> |         |   |                  |                        |                      |                       |                     |            |  |  |
| AOML                    | 1901812 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | Argo WHOI        | 2020/02/17             | 148                  | 2020/05/19            | 160                 | 7205       | 3  | Very weird behaviour, that may be depth-dependant. Cycle 148 is definitely out of distribution (0.08 psu saltier) but only at depth.   |
| AOML                    | 1902057 | GREGORY C. JOHNSON                      | Argo PMEL        | 2019/10/03             | 105                  | 2020/04/20            | 125                 | 8465       | 1  | cycle 84 is 0.1 PSU saltier than platform's other profiles and surrounding profiles. cycle 101 is 0.3 PSU saltier.   |
| AOML                    | 1902198 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/02/20             | 61                   | 2020/05/30            | 71                  | 9911       | 1  | cycle 53 is 0.05 psu saltier than surrounding profiles   |
| AOML                    | 1902199 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/03/05             | 54                   | 2020/05/24            | 62                  | 9941       | 2  | big fresh jump in salinity. cycle 35 is 1.5 PSU fresher  |
| AOML                    | 3901156 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/02/24             | 216                  | 2020/05/04            | 223                 | 4221       | 1  | 0.02 psu salty jump at cycle 171. cycle 198 is 0.07 PSU saltier than surrounding profiles  |
| AOML                    | 3901173 | GREGORY C. JOHNSON                      | Argo PMEL        | 2019/10/14             | 203                  | 2020/05/11            | 224                 | 5510       | 4  | cycle 137 dated Feb. 2018 and cycle 138 dated July 2018. Since recovery/cycle 138, sensor data are very noisy  |
| AOML                    | 3901179 | GREGORY C. JOHNSON                      | Argo PMEL        | 2019/01/06             | 167                  | 2020/03/31            | 212                 | 5542       | 1  | Offset from cycle 167 (+0.02 psu) and drift very slightly after  |
| AOML                    | 3901187 | GREGORY C. JOHNSON                      | Argo PMEL        | 2014/11/22             | 25                   | 2020/05/04            | 224                 | 5507       | 1 or 2   | This float had stopped emitting on the 2018/02/04 and has begun to emit once more since the 2019/01/10 in the middle of the pacific but values and shapes are totally out of bounds by 1 PSU saltier. Positions may be incorrect   |
| AOML                    | 3901199 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/02/25             | 172                  | 2020/05/25            | 181                 | 6308       | 6  | There is a correction in adjusted that seem to worsen the salinity. Raw data are inside alert boundaries, adjusted data are fresher than boundaries. This seems to have been corrected. Only cycle 143 remains out of bounds.  |
| AOML                    | 3901222 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | Argo WHOI        | 2019/06/12             | 142                  | 2020/05/24            | 177                 | 6509       | 1  | QC2 automatically set. cycle 142 is 0.03 PSU saltier than surrounding profiles   |
| AOML                    | 3901217 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | Argo WHOI        | 2016/12/10             | 49                   | 2020/05/31            | 177                 | 6486       | 1  | QC2 automatically set. cycle 139 is 0.07 PSU saltier than surrounding profiles   |
| AOML                    | 3901259 | GREGORY C. JOHNSON                      | Argo PMEL        | 2018/09/27             | 67                   | 2020/05/29            | 128                 | 8462       | 1  | drifting since at least cycle 79. cycle 101 is 0.15 PSU saltier than surrounding profiles  |
| AOML                    | 3901282 | GREGORY C. JOHNSON                      | Argo PMEL        | 2017/09/05             | 32                   | 2020/06/01            | 132                 | 8531       | 4  | salty jump at cycle 86. salinity data are wrecked  |
| AOML                    | 3901286 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/02/20             | 111                  | 2020/03/31            | 115                 | 8562       | 1  | cycle 93 is 0.05 PSU saltier than surrounding profiles   |
| AOML                    | 3901289 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/02/23             | 117                  | 2020/06/02            | 127                 | 8651       | 1  | cycle 99 is 0.2 PSU saltier than surrounding profiles  |
| AOML                    | 3901299 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/02/23             | 52                   | 2020/06/02            | 62                  | 9957       | 2  | cycle 45 is affected by a 0.02 salty jump. Wait for more cycles  |
| AOML                    | 3901815 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | Argo WHOI        | 2020/02/27             | 202                  | 2020/06/01            | 221                 | 8548       | 1  | cycle 146 is 0.03 PSU saltier than surrounding platforms. From cycle 209 big jump.   |
| AOML                    | 3901819 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | Argo WHOI        | 2019/05/03             | 137                  | 2020/05/14            | 212                 | 8642       | 1  | drifting since cycle 120 (2019/02/06). cycle 160 is 0.05 PSU saltier than surrounding profiles   |
| AOML                    | 3902145 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | Argo WHOI        | 2020/02/05             | 33                   | 2020/03/16            | 37                  | 11024      | 4  | It has become suddenly noisy from cycle 28 on. Still noisy cycle 31. (dirt or failure ?) Cycles 36 and 37 doubtful but it seems come back to something better  |
| AOML                    | 3902185 | DEAN ROEMMICH                           | Argo SIO         | 2020/03/10             | 10                   | 2020/05/19            | 17                  | 12036      | 1  | Drift from cycle 10. 0.15 psu for cycle 12 with the good ones  |
| AOML                    | 3902208 | GREGORY C. JOHNSON                      | XXXXXXX          | 2019/12/27             | 1                    | 2020/01/16            | 3                   | 12069      | 2  | Bias of 0.35 psu for the cycle 1, then come back to the range of the values in this area   |
| AOML                    | 3902209 | GREGORY C. JOHNSON                      | XXXXXXX          | 2019/12/29             | 1                    | 2020/01/08            | 2                   | 11964      |  | Small negative drift from first cycle, come back to correct values after few cycles  |
| AOML                    | 3902211 | GREGORY C. JOHNSON                      | XXXXXXX          | 2019/11/15             | 1                    | 2020/05/23            | 20                  | 12092      | 1  | Drift from cycle 1 - Fresh salinity for cycle 1 with salinity going back to right values   |
| AOML                    | 3902212 | GREGORY C. JOHNSON                      | XXXXXXX          | 2019/11/15             | 1                    | 2020/05/23            | 20                  | 12099      |  | Drift from first cycle, come back to correct value but still a slight bias for cycle 17, check with next cycles  |
| AOML                    | 4901591 | BRECK OWENS, STEVE JAYNE, P.E. ROBBINS  | Argo WHOI        | 2017/10/26             | 153                  | 2020/05/24            | 250                 | 4890       | 3  | dbar and thus it is difficult to be certain of a drift and to infer when it may have begun. Hard 7 psu fresh jump from cycle 234 on.   |
| AOML                    | 4901593 | BRECK OWENS, STEVE JAYNE, P.E. ROBBINS  | Argo WHOI        | 2020/02/17             | 224                  | 2020/03/07            | 226                 | 4938       | 3  | cycle 170 to cycle 174 show a strange feature in temperature below 500 dbar (0.5 °C warmer than surrounding profiles) not seen in surrounding profiles distribution. As a consequence, salinity is also weird.   |
| AOML                    | 4902087 | GREGORY C. JOHNSON                      | Argo PMEL        | 2019/08/25             | 150                  | 2020/05/21            | 177                 | 7176       |  | cycle 150 (2019/08/25) is 0.04 psu saltier than surrounding platforms. It is not triggering alert anymore but it seems to be affected by a drift.  |
| AOML                    | 4902102 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | Argo WHOI        | 2020/02/17             | 3174                 | 2020/05/16            | 3183                | 6488       | 2  | cycle 3168 is affected by a 0.2 psu salty jump. Wait for more cycles   |
| AOML                    | 4902312 | GREGORY C. JOHNSON                      | Argo PMEL        | 2019/10/13             | 126                  | 2020/05/10            | 147                 | 7557       | 1  | cycle 121 (2019/08/24) is 0.1 PSU saltier than surrounding profiles  |
| AOML                    | 4902893 | GREGORY C. JOHNSON                      | Argo PMEL        | 2019/10/12             | 107                  | 2020/02/29            | 121                 | 8007       | 1 unsure   | cycle 103 is 0.07 PSU saltier than the core of the profiles distribution of surrounding platforms but there are other similar measurements from surrounding profiles. It would reserve DMQC. Cycles 20 to 22 are affected by fresh jump  |
| AOML                    | 4902895 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/02/13             | 119                  | 2020/05/23            | 129                 | 8012       | 1  | cycle 102 is 0.07 PSU saltier than surrounding profiles  |
| AOML                    | 4902897 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/02/09             | 119                  | 2020/05/19            | 129                 | 8310       | 1  | smoothly drifting so far.  |
| AOML                    | 4902899 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/02/19             | 117                  | 2020/05/19            | 126                 | 8559       | 1  | cycle 111 is 0.02 psu saltier than surrounding profiles. Seems to be gently drifting since cycle 61  |
| AOML                    | 4902901 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/02/12             | 116                  | 2020/05/22            | 126                 | 8692       | 1  | undoubtedly drifting (0.04 PSU saltier on 2018/12/19). hard salty jumps from cycle 80 (2019/02/17)   |
| AOML                    | 4902905 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/02/12             | 114                  | 2020/05/22            | 124                 | 8709       | 1  | cycle 97 is 0.03 PSU saltier than surrounding profiles   |
| AOML                    | 4902944 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | Argo WHOI        | 2018/12/12             | 64                   | 2020/04/29            | 115                 | 8551       | 6  | cycle 85 is 0.1 PSU saltier than surrounding profiles but values seem to be back to nominal from cycle cycle 86 on. Consequently, there is a 0.07 real-time adjustment for cycle 89 on which seems too big as adjusted values are more than 0.05 psu fresher than surrounding profiles when it is ok for raw salinity. |
| AOML                    | 4902915 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | Argo WHOI        | 2019/03/30             | 134                  | 2020/05/25            | 219                 | 8540       | 3  | seems to be depth-dependant and affect temperature as well since cycle 35 (2017/11/23). cycle 160 (2019/08/06) is 0.2 PSU fresher at 2000 dbar.  |
| AOML                    | 4903000 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/04/02             | 61                   | 2020/05/22            | 66                  | 9963       | 1  | Drift from cycle 61  |
| AOML                    | 4903027 | GREGORY C. JOHNSON                      | Argo PMEL        | 2018/11/15             | 18                   | 2020/05/28            | 74                  | 10054      | 1  | cycle 61 is affected by a 0.03 psu salty jump. cycle 62 is 0.17 psu saltier than surrounding profiles.   |
| AOML                    | 4903028 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/03/15             | 50                   | 2020/05/24            | 57                  | 10069      | 2 unsure   | Fresher profiles from cycle 50, bias then come back to correct profiles ?  |
| AOML                    | 4903030 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/02/16             | 60                   | 2020/05/26            | 70                  | 10574      | 1  | cycle 53 is 0.06 psu saltier than surrounding profiles and than cycle 51. Cycle 52 is 0.03 psu saltier than cycle 51.  |
| AOML                    | 4903031 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/02/16             | 60                   | 2020/05/26            | 70                  | 10575      | 1  | fast salty drift   |
| AOML                    | 4903032 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/02/14             | 60                   | 2020/05/24            | 70                  | 10576      | 1  | cycle 46 (2019/10/01) is affected by a 0.04 psu salty jump. Rapidly drifting.  |
| AOML                    | 4903033 | GREGORY C. JOHNSON                      | Argo PMEL        | 2019/10/11             | 47                   | 2020/05/28            | 70                  | 10577      | 1  | 0.05 PSU salty jump since cycle 32   |
| AOML                    | 4903034 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/02/15             | 51                   | 2020/05/25            | 61                  | 10758      | 2  | 0.2 psu salty jump from cycle 47 on  |
| AOML                    | 4903172 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/02/11             | 50                   | 2020/05/21            | 60                  | 10983      | 1  | cycle 42 and cycle 43 are 0.04 psu saltier than surrounding profiles. Drift may have begun cycle 38  |
| AOML                    | 4903173 | GREGORY C. JOHNSON                      | Argo PMEL        | 2019/05/09             | 21                   | 2020/05/23            | 59                  | 10997      | 1  | First cycles are fresher than surrounding profiles. cycle 32 (2019/08/25) is 0.1 PSU saltier than surrounding profiles   |
| AOML                    | 4903174 | GREGORY C. JOHNSON                      | Argo PMEL        | 2019/10/14             | 37                   | 2020/05/21            | 59                  | 11044      | 1  | cycle 29 and cycle 30 are affected by a 0.03 PSU salty jump  |
| AOML                    | 4903175 | GREGORY C. JOHNSON                      | Argo PMEL        | 2018/12/08             | 5                    | 2020/05/21            | 58                  | 11040      | 1  | fast salty drift from cycle 47 on  |
| AOML                    | 4903176 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/02/14             | 47                   | 2020/05/24            | 57                  | 11045      | 1  | cycle 31 is affected by a 0.02 psu salty jump. Wait for more cycles  |
| AOML                    | 4903177 | GREGORY C. JOHNSON                      | Argo PMEL        | 2019/10/14             | 35                   | 2020/05/21            | 57                  | 11046      | 1  | cycle 31 is 0.08 psu saltier than surrounding profiles, may be depth dependant. cycle 35 is not parallel = QC4   |
| AOML                    | 4903181 | GREGORY C. JOHNSON                      | Argo PMEL        | 2019/10/10             | 35                   | 2020/05/27            | 58                  | 11050      | 1  | cycle 31 is 0.2 PSU saltier than surrounding profiles  |
| AOML                    | 4903183 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/02/17             | 48                   | 2020/05/27            | 58                  | 11042      | 1  | cycle 42 is 0.02 psu saltier than surrounding profiles   |
| AOML                    | 4903184 | GREGORY C. JOHNSON                      | Argo PMEL        | 2019/10/12             | 21                   | 2020/05/19            | 43                  | 11067      | 1  | cycle 17 (2019/09/02) is 0.04 PSU saltier than surrounding profiles. cycle 25 (2019/11/21) is 0.8 PSU saltier than surrounding profiles.   |
| AOML                    | 4903188 | GREGORY C. JOHNSON                      | Argo PMEL        | 2019/10/10             | 21                   | 2020/05/27            | 44                  | 11069      | 1  | fast salty drift   |
| AOML                    | 4903197 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/03/04             | 36                   | 2020/05/23            | 44                  | 11043      | 1  | Salty drift  |
| AOML                    | 4903202 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/02/12             | 27                   | 2020/05/22            | 37                  | 11068      | 1  | cycle 24 is 0.05 psu saltier than surrounding profiles. Wait for more cycles.  |
| AOML                    | 4903266 | WHOI: WILFELS, JAYNE, ROBBINS           | Argo WHOI        | 2020/04/01             | 1                    | 2020/04/06            | 3                   | 9628       | 2 unsure   | Bias ? Drift ? from the first cycle, strange behavior  |
| AOML                    | 4903283 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/02/19             | 25                   | 2020/05/19            | 34                  | 11149      | 1  | cycle 22 is 0.08 psu saltier than surrounding profiles. Wait for more cycles   |
| AOML                    | 4903298 | GREGORY C. JOHNSON                      | XXXXXXX          | 2020/04/05             | 1                    | 2020/04/25            | 3                   | 11094      | 2  | Drift from first cycles  |
| AOML                    | 5903806 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/02/17             | 278                  | 2020/05/23            | 287                 | 5646       | 1  | cycle 257 is 0.04 PSU saltier than surrounding profiles.   |
| AOML                    | 5904401 | STEPHEN RISER                           | Argo UW          | 2014/11/02             | 9                    | 2020/05/17            | 208                 | 6396       | 1  | QC 2 automatically set. cycle 172 is 0.05 PSU saltier than surrounding profiles  |
| AOML                    | 5904403 | STEPHEN RISER                           | Argo UW          | 2016/04/06             | 63                   | 2020/05/09            | 210                 | 6398       | 1  | There is a -0.04 PSU adjustment but this is not big enough anymore   |
| AOML                    | 5904587 | GREGORY C. JOHNSON                      | Argo PMEL        | 2020/02/13             | 176                  | 2020/05/13            | 185                 | 6288       | 1  | This float is drifting since approx cycle 117. The delayed mode applied an adjustment until cycle 143. There are a gap until new RT begins once more at cycle 163. The DM  |



| ACR                              | ACR ID  | PILOT                     | ACR                      | START DATE | END DATE | START DATE | END DATE | START DATE | END DATE | STATUS       | REMARKS   |
|----------------------------------|---------|---------------------------|--------------------------|------------|----------|------------|----------|------------|----------|--------------|---|
| AOML                             | 5905324 | STEPHEN RISER             | Argo UW                  | 2020/02/15 | 82       | 2020/05/09 | 86       | 8478       |          | 1            | smoothly drifting   |
| AOML                             | 5905655 | STEPHEN RISER             | Argo UW                  | 2020/02/18 | 56       | 2020/05/10 | 57       | 8474       |          | 1            | cycle 53 is 0.02 psu saltier than surrounding profiles. It may have begun cycle 51  |
| AOML                             | 5905676 | GREGORY C. JOHNSON        | Argo PMEL                | 2020/02/11 | 54       | 2020/05/21 | 64       | 10018      |          | 1            | may be fast salty drift. Wait for more cycles   |
| AOML                             | 5905682 | DEAN ROEMERICH            | Argo SIO                 | 2020/03/22 | 64       | 2020/05/12 | 66       | 10716      |          | 1            | Drift   |
| AOML                             | 5905730 | GREGORY C. JOHNSON        | Argo PMEL                | 2020/02/15 | 51       | 2020/05/19 | 73       | 9857       |          | 1            | cycle 47 (2019/09/02) is 0.05 psu saltier than surrounding profiles   |
| AOML                             | 5905732 | GREGORY C. JOHNSON        | Argo PMEL                | 2020/02/15 | 66       | 2020/05/25 | 76       | 9964       |          | 1            | rapid drift. cycle 36 is 0.05 PSU saltier. cycle 49 is 0.3 PSU saltier  |
| AOML                             | 5905743 | GREGORY C. JOHNSON        | Argo PMEL                | 2020/02/15 | 60       | 2020/05/15 | 64       | 10559      |          | 1            | cycle 53 and cycle 54 are 0.02 psu saltier than surrounding profiles. The drift seems to begin cycle 50   |
| AOML                             | 5905744 | GREGORY C. JOHNSON        | Argo PMEL                | 2020/02/15 | 60       | 2020/05/25 | 70       | 10560      |          | 1            | jump in salinity/cycle 29 is 0.07 PSU saltier than surrounding profiles   |
| AOML                             | 5905748 | GREGORY C. JOHNSON        | Argo PMEL                | 2020/03/31 | 55       | 2020/05/20 | 60       | 10956      |          | 1            | Fresher drift from cycle 55   |
| AOML                             | 5906098 | GREGORY C. JOHNSON        | Argo PMEL                | 2020/02/16 | 27       | 2020/05/26 | 37       | 11099      |          | 4            | Very fresh first cycles (cycle 10 is still 0.3 PSU fresher than expected)   |
| AOML                             | 5906172 | GREGORY C. JOHNSON        | XXXXXXX                  | 2019/12/28 | 1        | 2020/05/19 | 7        | 11102      |          | 1            | Negative drift which decreases with following cycles (still cycle 7), after profiles seem coming back to correct values   |
| AOML                             | 5906174 | GREGORY C. JOHNSON        | XXXXXXX                  | 2020/03/31 | 1        | 2020/05/20 | 6        | 12135      |          | 2            | Bias of salinity for 2 first cycles (difference of 3 psu ith profiles in this area)   |
| AOML                             | 5906223 | STEPHEN RISER/KEN JOHNSON | Argo UW-SOCCOM           | 2020/03/18 | 1        | 2020/05/21 | 5        | 11518      |          | 1            | First cycle slightly out of boundary, wait for following cycles, drift for first cycles seems to be confirmed   |
| BODC                             | 1901914 | Jon Turton                | Argo UK                  | 2019/10/10 | 1        | 2020/05/22 | 20       | 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       | 8554       |          | 1            | Jump-drift from cycle 93  |
| BODC                             | 3901961 | Romain Cancouet           | ARGO ITALY               | 2020/03/11 | 78       | 2020/05/24 | 81       | 8604       |          | 1            | Slight drift  |
| BODC                             | 3901962 | Romain Cancouet           | ARGO ITALY               | 2019/09/21 | 60       | 2020/05/25 | 80       | 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       | 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   |
| CORIOUS                          | 6902704 | Christine COATANOAN       | CORIOUS                  | 2020/01/02 | 125      | 2020/05/27 | 134      | 8141       |          | 1            | smoothly drifting.  |
| CORIOUS                          | 6902848 | Franck DUMAS              | CORIOUS                  | 2018/11/12 | 28       | 2020/04/28 | 101      | 9588       |          | 1 or 2       | Very variable area. Wait for more cycles  |
| CORIOUS                          | 6903240 | Pierre-Marie Poulain      | ARGO Italy, BioArgo      | 2018/04/06 | 10       | 2020/04/29 | 152      | 9705       |          | 3 (Primary2) | 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      | 2020/05/28 | 274      | 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       | 2020/05/28 | 87       | 10045      |          | 1            | Smoothly drifting   |
| CSIRO                            | 1901165 | Susan Wijffels            | Argo AUSTRALIA           | 2020/01/23 | 317      | 2020/05/01 | 317      | 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 with 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      | 5279       |          | 2            | cycle 317 is 0.2 psu saltier than previous cycles   |
| CSIRO                            | 1901325 | Susan Wijffels            | Argo AUSTRALIA, IRIIDIUM | 2020/01/18 | 305      | 2020/05/03 | 312      | 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      | 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      | 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      | 3856       |          | 1            | cycle 226 is affected by a 0.15 PSU salty depth-dependant 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                            | 5905017 | Susan Wijffels            | Argo AUSTRALIA           | 2020/01/14 | 151      | 2020/05/07 | 159      | 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      | 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 CAR2009 climatology. I have QCd 3 from cycle 87 on.   |
| CSIRO                            | 5905184 | Susan Wijffels            | ARGO Australia           | 2020/01/23 | 117      | 2020/05/09 | 124      | 8224       |          | 1            | cycle 117 is 0.07 psu saltier than surrounding profiles   |
| INCOIS                           | 2902209 | M Ravichandran            | Indian Argo              | 2019/03/10 | 92       | 2020/05/25 | 137      | 8355       |          | 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      | 2020/06/02 | 309      | 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      | 9528       |          | 1            | Real-time profiles are adjusted, probably with CAR09. cycle 272 is not adjusted but is 0.02 psu saltier than surrounding profiles.  |
| INCOIS                           | 2902254 | M Ravichandran            | Argo INDIA               | 2020/03/03 | 102      | 2020/05/13 | 102      | 9740       |          | 1            | Large drift   |
| INCOIS                           | 2902266 | M Ravichandran            | Argo INDIA               | 2019/11/22 | 30       | 2020/05/20 | 48       | 11197      |          | 1 or 2       | Hard fresh jump since cycle 15 (2019/06/25)   |
| JMA                              | 2903191 | JMA                       | Argo eq. JMA             | 2019/10/25 | 129      | 2020/06/01 | 173      | 9742       |          | 1            | seems to be drifting smoothly. cycle 129 reaches 0.02 psu saltier than surrounding profiles 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                              | 2903212 | JAMSTEC                   | Argo eq. JAMSTEC         | 2019/04/30 | 45       | 2020/05/28 | 85       | 5631       |          | 2            | 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 profiles. Qcd 3. Wait for more cycles  |
| JMA                              | 2903214 | JMA                       | Argo eq. JMA             | 2019/06/22 | 101      | 2020/06/01 | 170      | 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 profiles. Qcd 3. Wait for more cycles  |
| JMA                              | 2903355 | JAMSTEC                   | Argo JAMSTEC             | 2020/04/07 | 55       | 2020/05/18 | 55       | 5477       |          | 1            | Small drift from cycle 22   |
| JMA                              | 2903612 | JMA                       | Argo JAMSTEC             | 2020/03/14 | 22       | 2020/05/19 | 26       | 10967      |          | 1            | Small drift from cycle 22   |
| KMA                              | 2901758 | Jaeyoung Byon             | Argo NIMR/KMA            | 2016/12/17 | 14       | 2020/05/30 | 127      | 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. Qcd 4   |
| KMA                              | 2901759 | Jaeyoung Byon             | Argo NIMR/KMA            | 2019/05/06 | 101      | 2020/05/21 | 137      | null       |          | 1            | cycle 112 is 0.08 psu saltier than surrounding profiles   |
| KMA                              | 2901760 | Jaeyoung Byon             | Argo NIMR/KMA            | 2019/05/07 | 101      | 2020/05/31 | 140      | null       |          | 1            | cycle 112 is 0.08 psu saltier than surrounding profiles   |
| KMA                              | 2901765 | Jaeyoung Byon             | Argo NIMR/KMA            | 2018/10/20 | 81       | 2020/06/01 | 140      | 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       | 2020/05/21 | 68       | 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      | 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      | 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. |

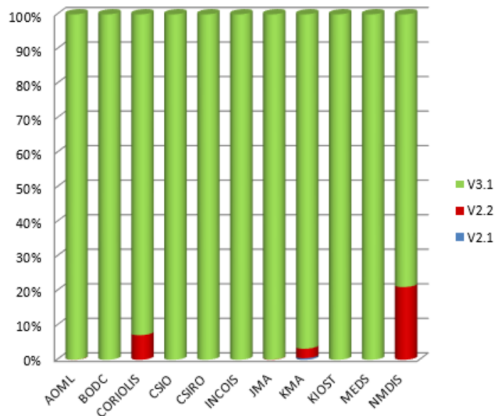
## 2. Statistics on floats and format version (End of May 2020)

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

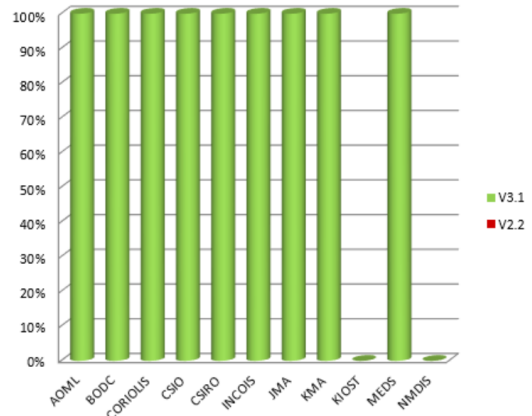


Plots showing format\_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.

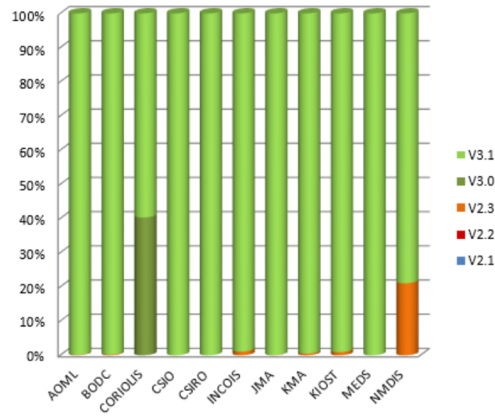
**Metadata Files - Dead floats**



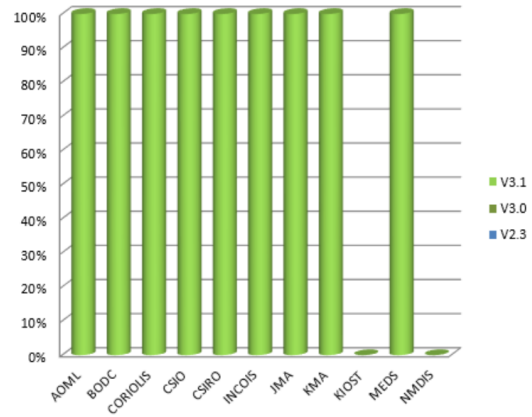
**Metadata Files - Active floats**



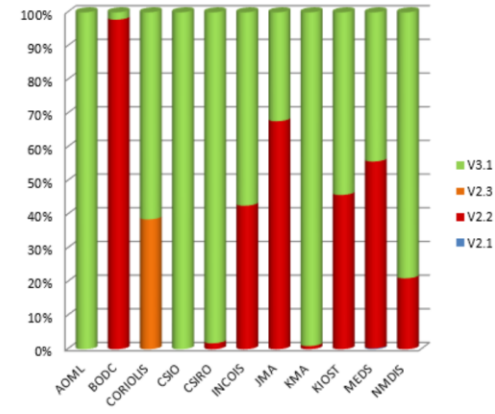
**Technical Files - Dead floats**



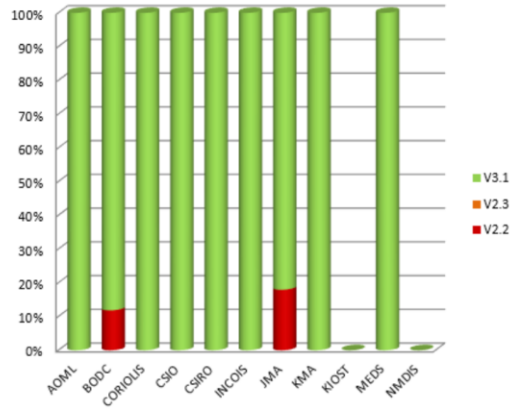
**Technical Files - Active floats**



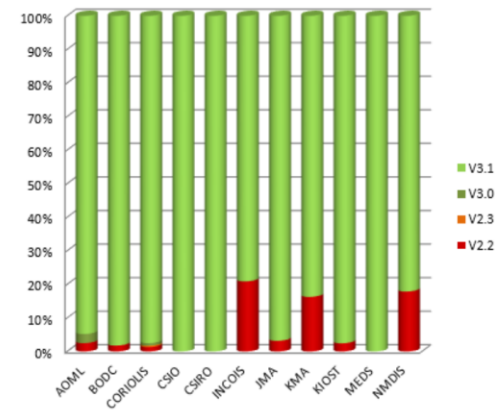
**Trajectory Files - Dead floats**



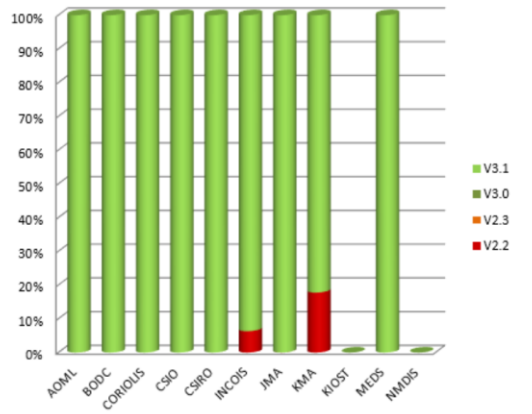
**Trajectory Files - Active floats**



**Profile files - Dead floats**



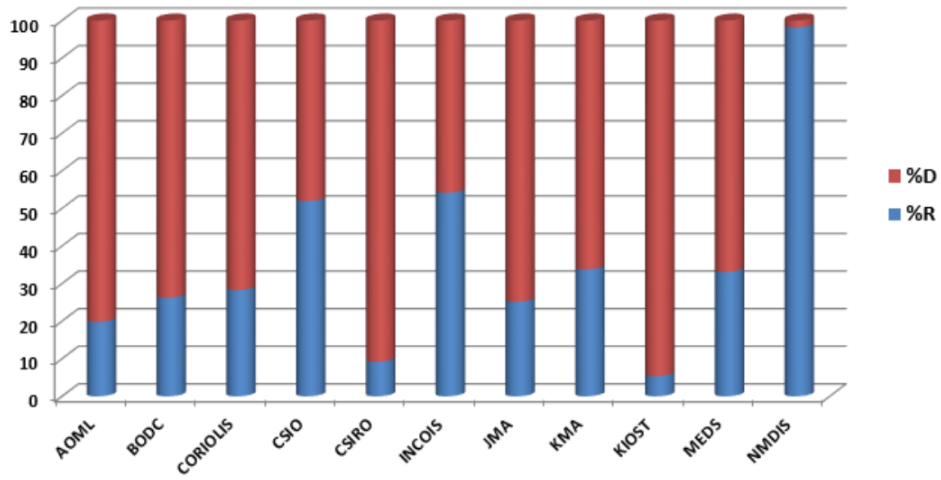
**Profile Files - Active floats**





Delayed mode percentage by DAC

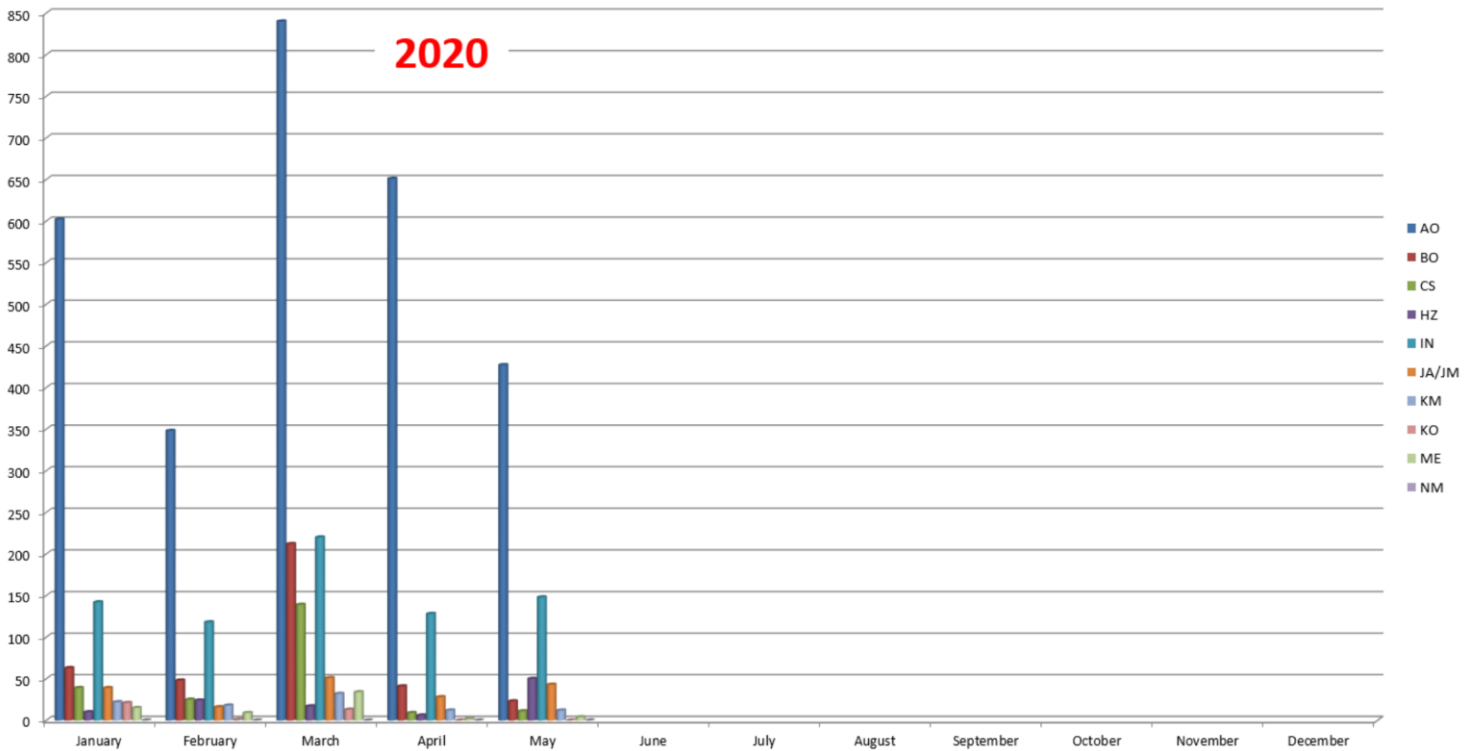
Percentage of **DM** and **RT** files by DAC



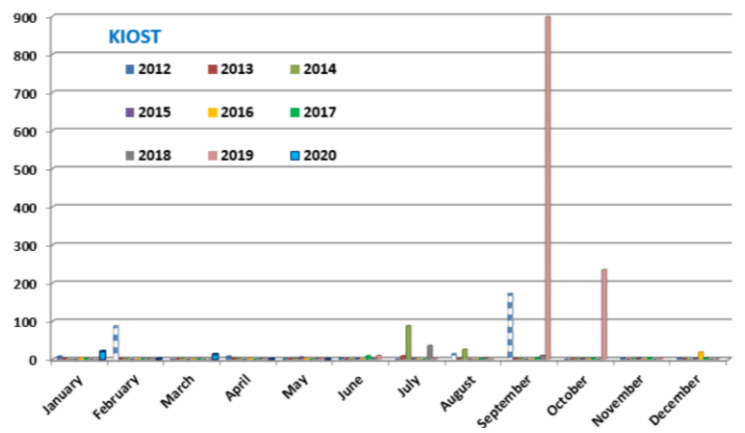
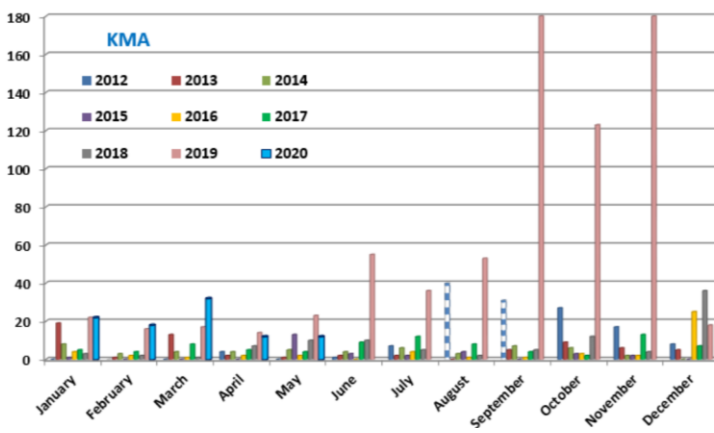
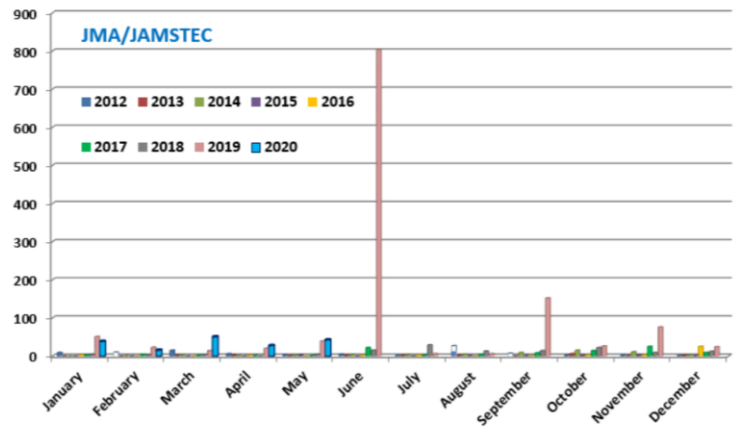
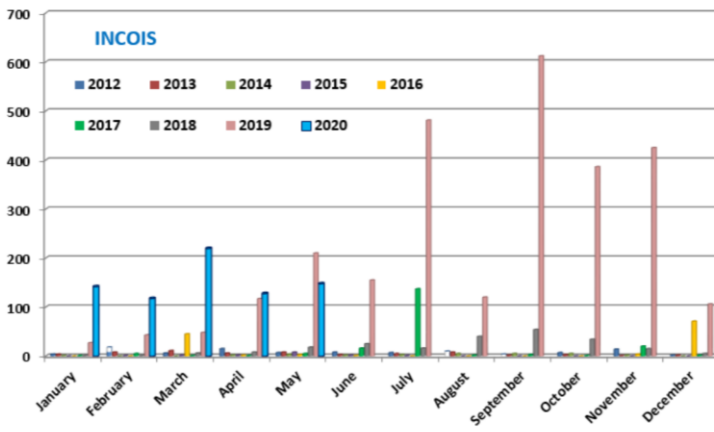
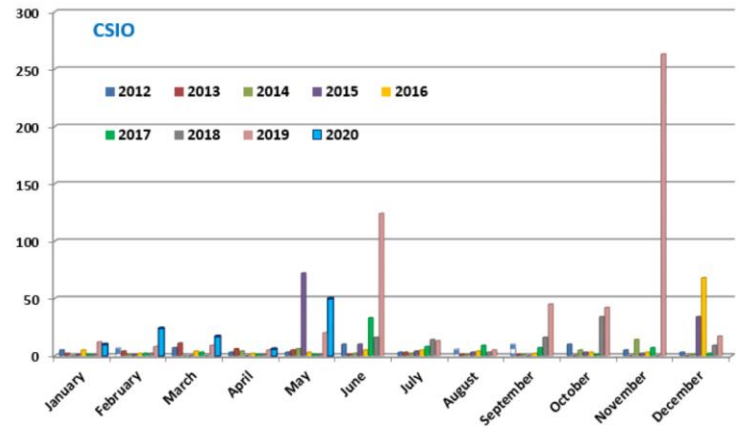
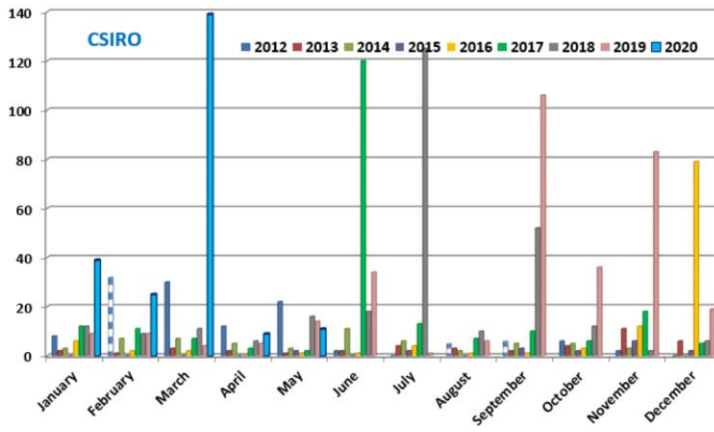
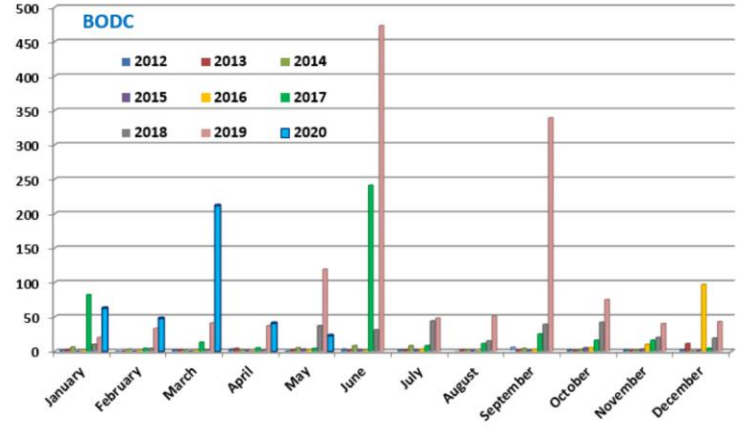
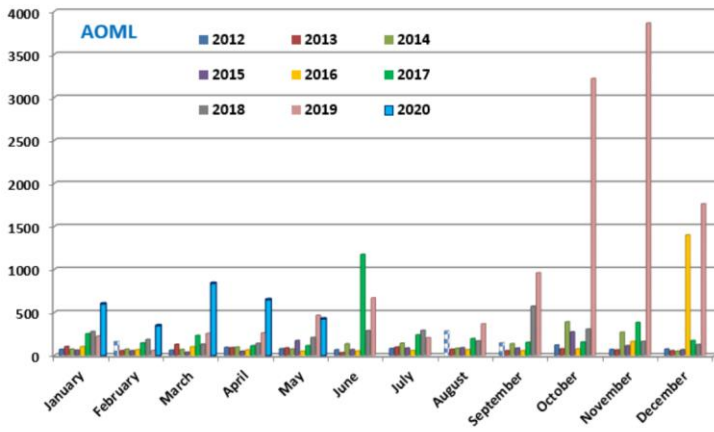
3. Statistics on Anomalies

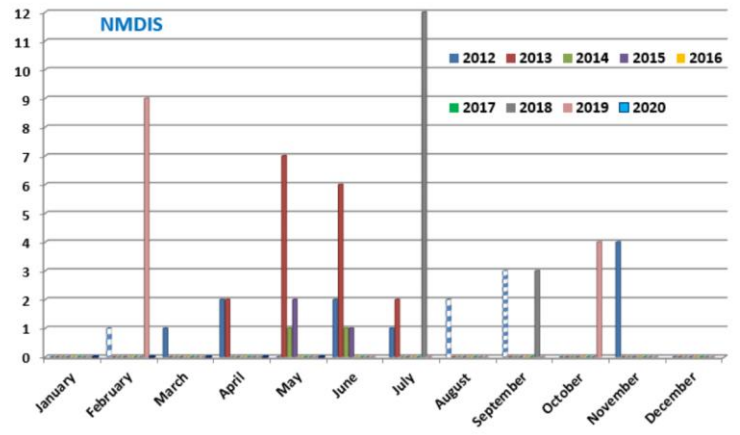
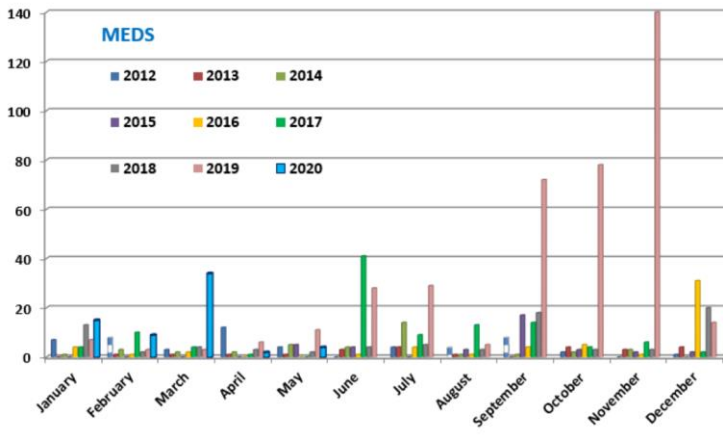
Plots showing evolution of number of anomalies by DAC.

3.1. Year

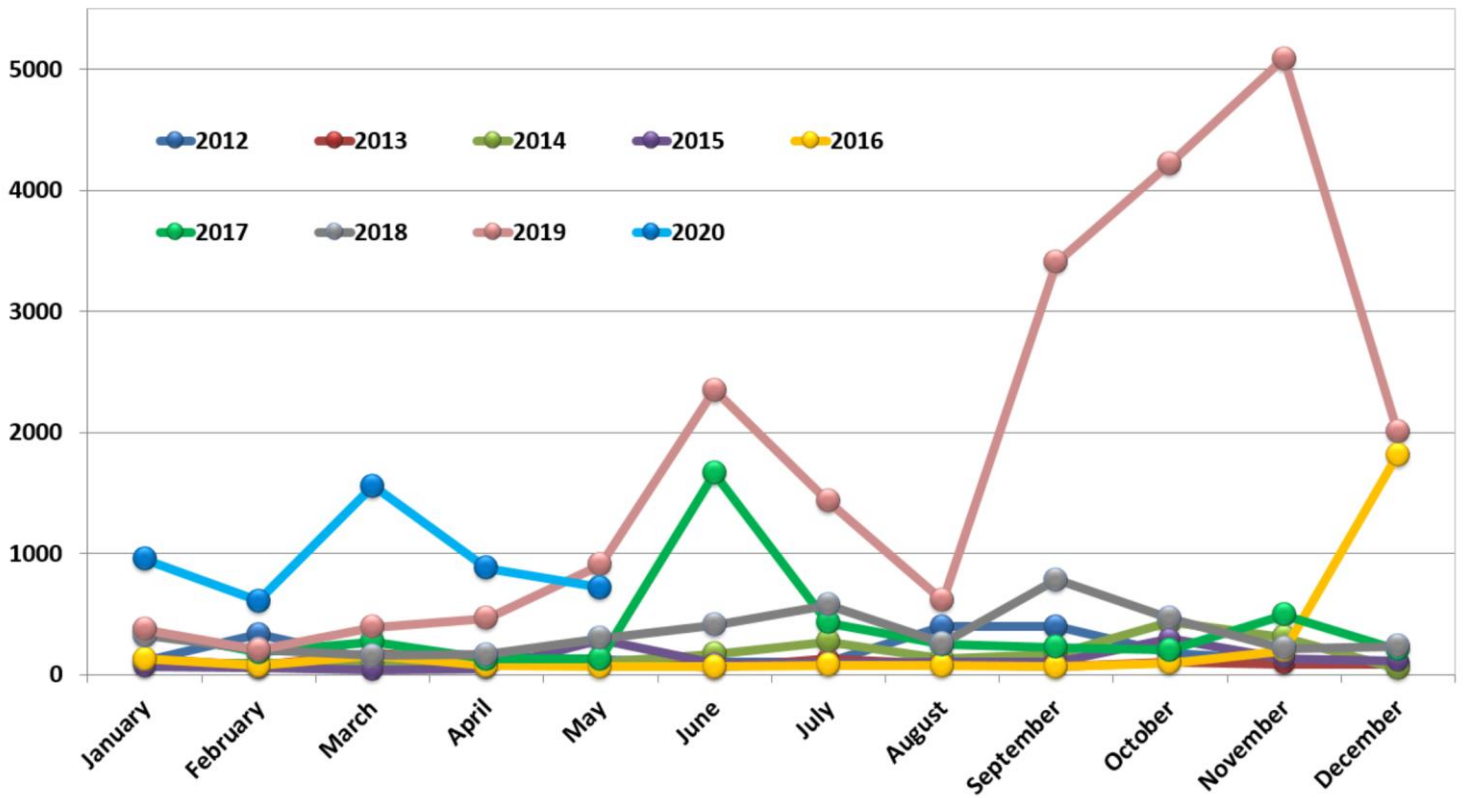


3.2. DAC





### 3.3. Anomalies by year, by month

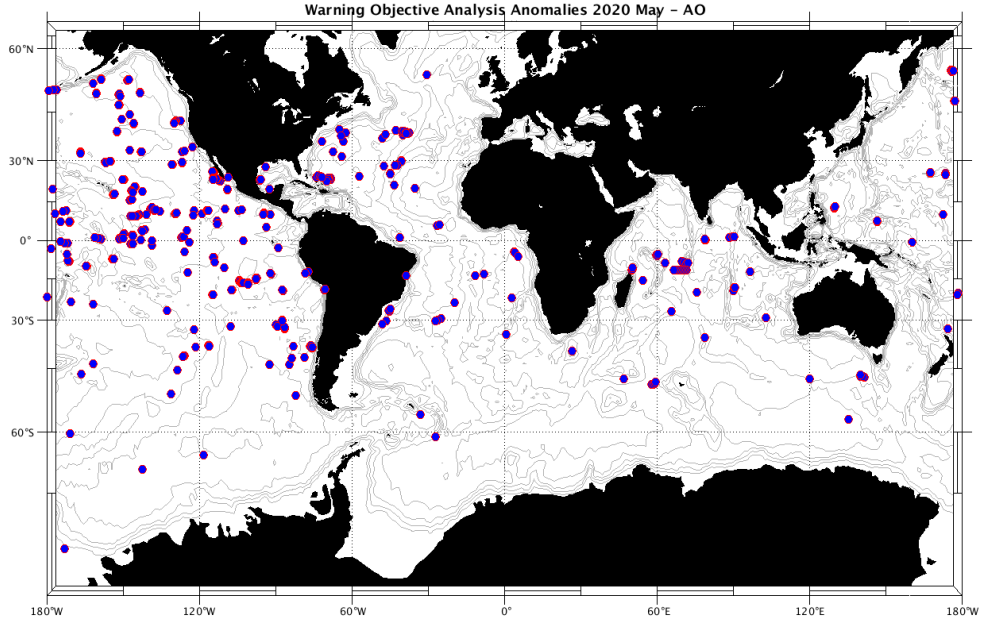


## 4. DAC Anomalies

### 4.1. DAC AOML

Profiles detected by the objective analysis: 427 profiles (183 floats, but floats can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|----------------|----------------|----------------|
| 60 cycles      | 265 cycles     | 102 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 : 1901721 - Cycle : 220 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7237 - Date : 2020 4 29  
 Float : 1901725 - Cycle : 105 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7023 - Date : 2017 11 21  
 Float : 1901812 - Cycle : 154 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7325 - Date : 2020 4 17  
 Float : 1901812 - Cycle : 155 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7325 - Date : 2020 4 27  
 Float : 1901812 - Cycle : 156 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7325 - Date : 2020 5 7  
 Float : 1901812 - Cycle : 160 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7325 - Date : 2020 5 19  
 Float : 1901815 - Cycle : 146 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7351 - Date : 2020 5 7  
 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 : 1902026 - Cycle : 130 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8494 - Date : 2020 5 14  
 Float : 1902057 - Cycle : 126 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0707 - Date : 2020 4 30  
 Float : 1902057 - Cycle : 127 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0707 - Date : 2020 5 10  
 Float : 1902057 - Cycle : 128 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0707 - Date : 2020 5 20  
 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 : 68 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0856 - Date : 2020 4 30  
 Float : 1902198 - Cycle : 69 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0856 - Date : 2020 5 10  
 Float : 1902198 - Cycle : 70 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0856 - Date : 2020 5 20  
 Float : 1902199 - Cycle : 60 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0857 - Date : 2020 5 4  
 Float : 1902199 - Cycle : 61 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0857 - Date : 2020 5 14  
 Float : 1902199 - Cycle : 62 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0857 - Date : 2020 5 24  
 Float : 1902213 - Cycle : 149 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7452 - Date : 2020 5 19  
 Float : 2902397 - Cycle : 166 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7339 - Date : 2020 5 6  
 Float : 2902397 - Cycle : 167 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7339 - Date : 2020 5 16  
 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 : 3901152 - Cycle : 261 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0195 - Date : 2020 5 18  
 Float : 3901156 - Cycle : 223 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0162 - Date : 2020 5 4  
 Float : 3901173 - Cycle : 223 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0291 - Date : 2020 5 1





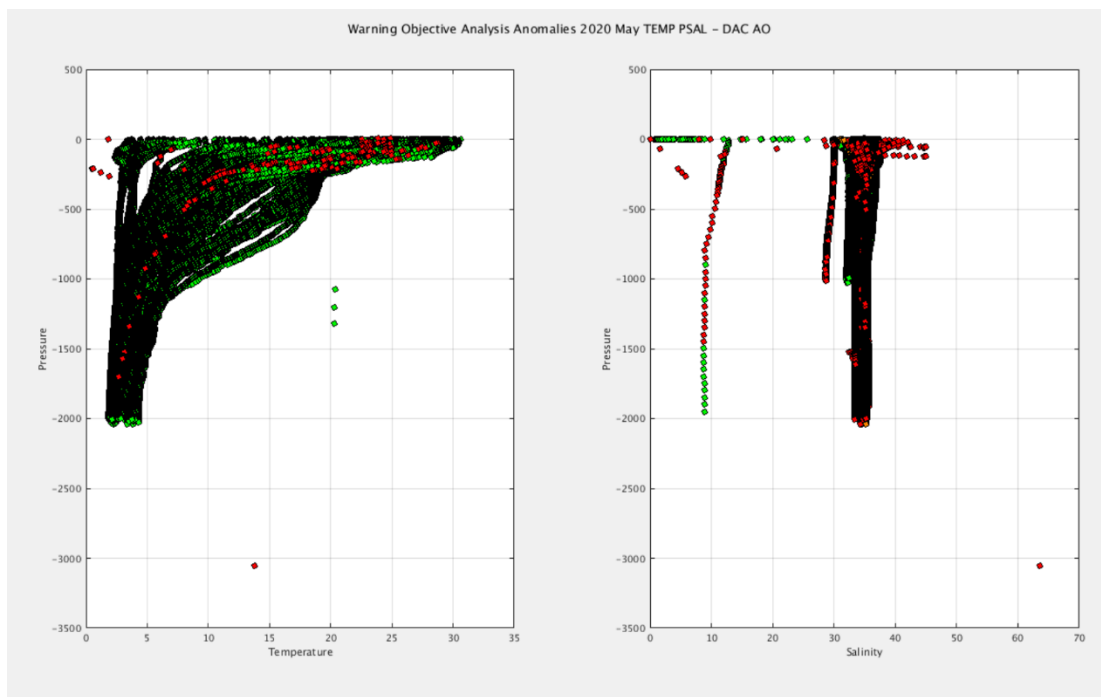








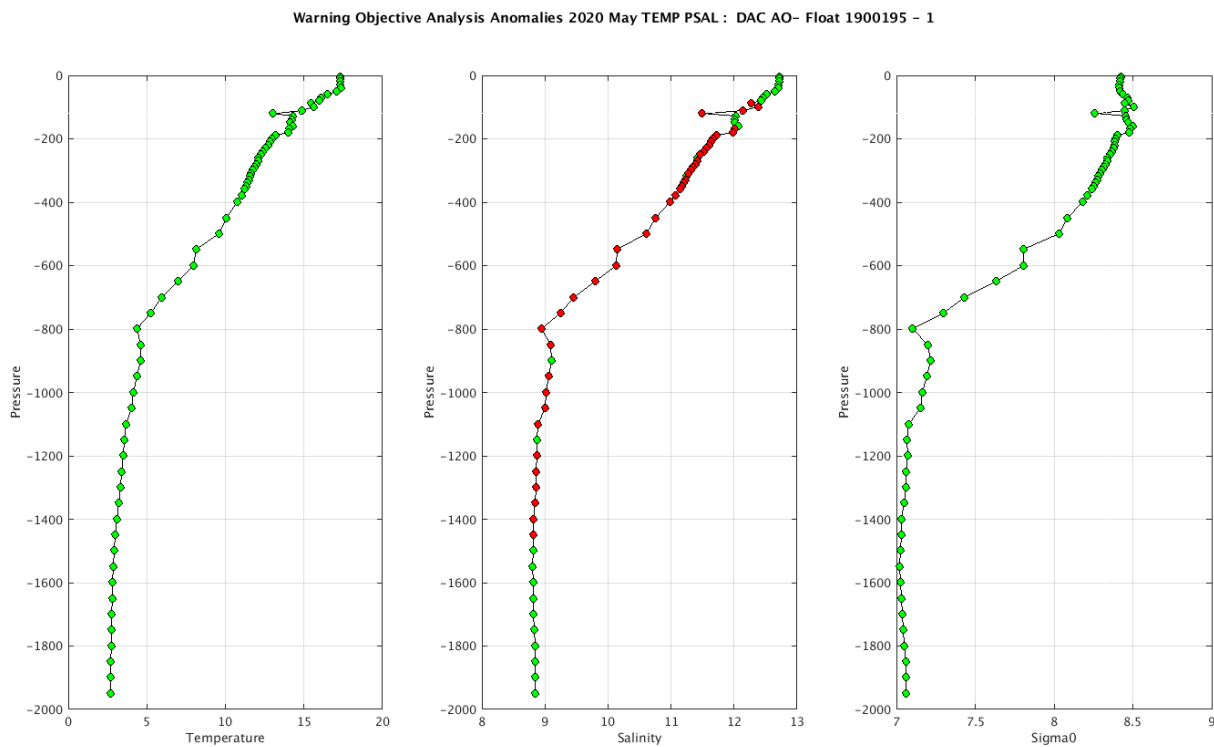
Float : 5905150 - Cycle : 92 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7854 - Date : 2020 5 8  
 Float : 5905267 - Cycle : 53 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8561 - Date : 2019 3 5  
 Float : 5906006 - Cycle : 1 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8354 - Date : 2019 3 11  
 Float : 5906045 - Cycle : 1 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8327 - Date : 2019 10 27  
 Float : 5906100 - Cycle : 1 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1014 - Date : 2019 5 13  
 Float : 5906100 - Cycle : 2 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1014 - Date : 2019 5 23



Plot for the 240 first profiles.

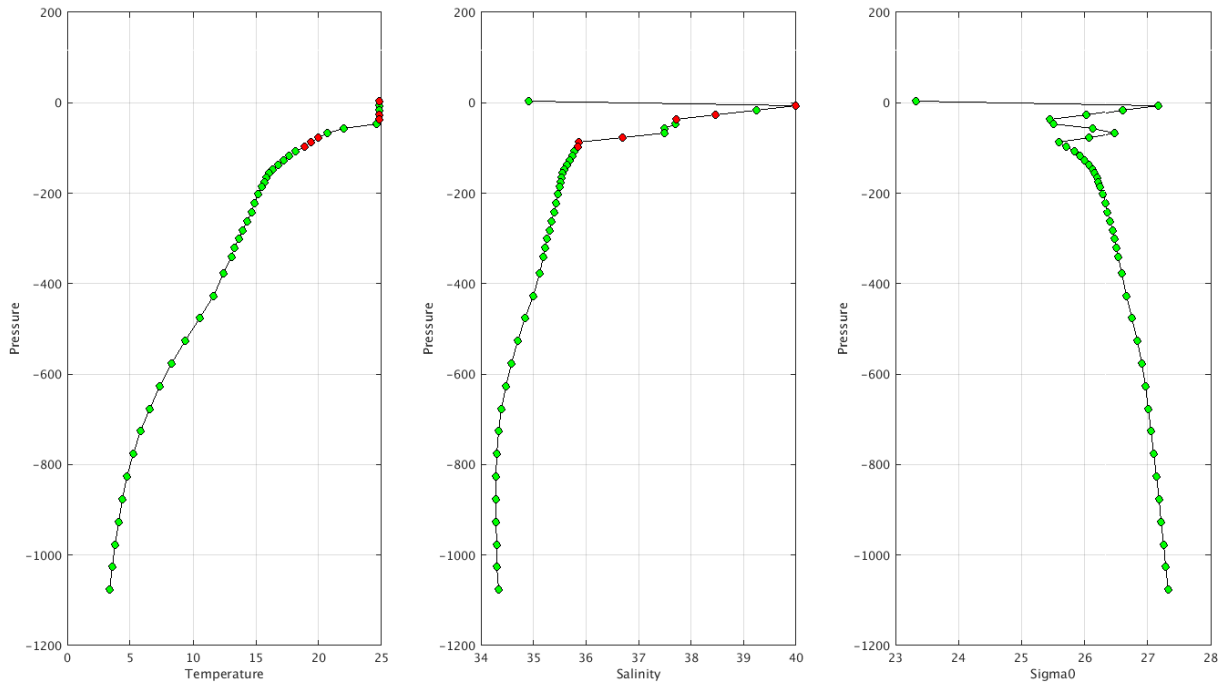
The list of the anomalies can be found at <http://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/aom/>

Example of anomalies:

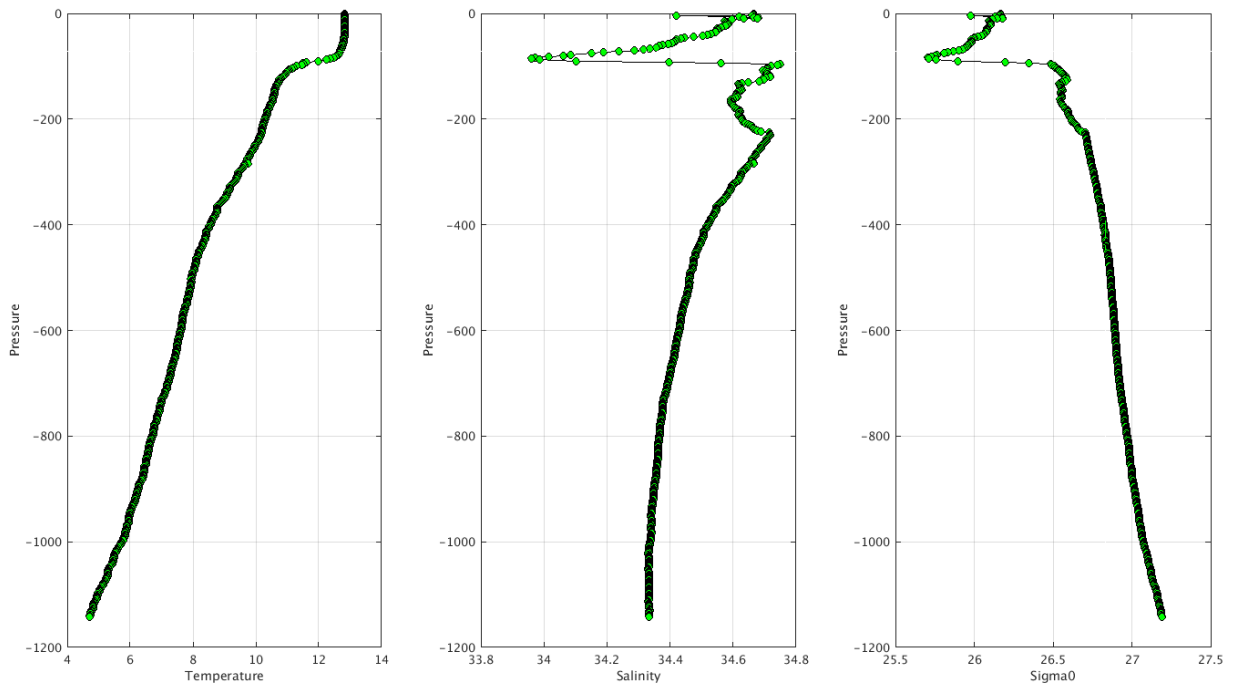




Warning Objective Analysis Anomalies 2020 May TEMP PSAL : DAC AO- Float 3900177 - 13



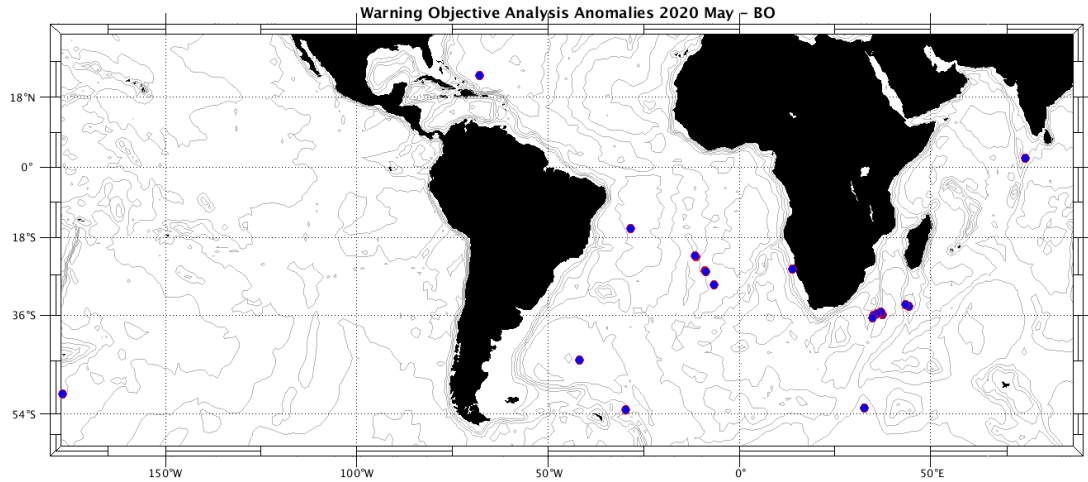
Warning Objective Analysis Anomalies 2020 May TEMP PSAL : DAC AO- Float 5902340 - 228



## 4.2. DAC BODC

Profiles detected by the objective analysis: 23 profiles (11 floats, but floats can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|----------------|----------------|----------------|
| 1 cycle        | 3 cycles       | 19 cycles      |



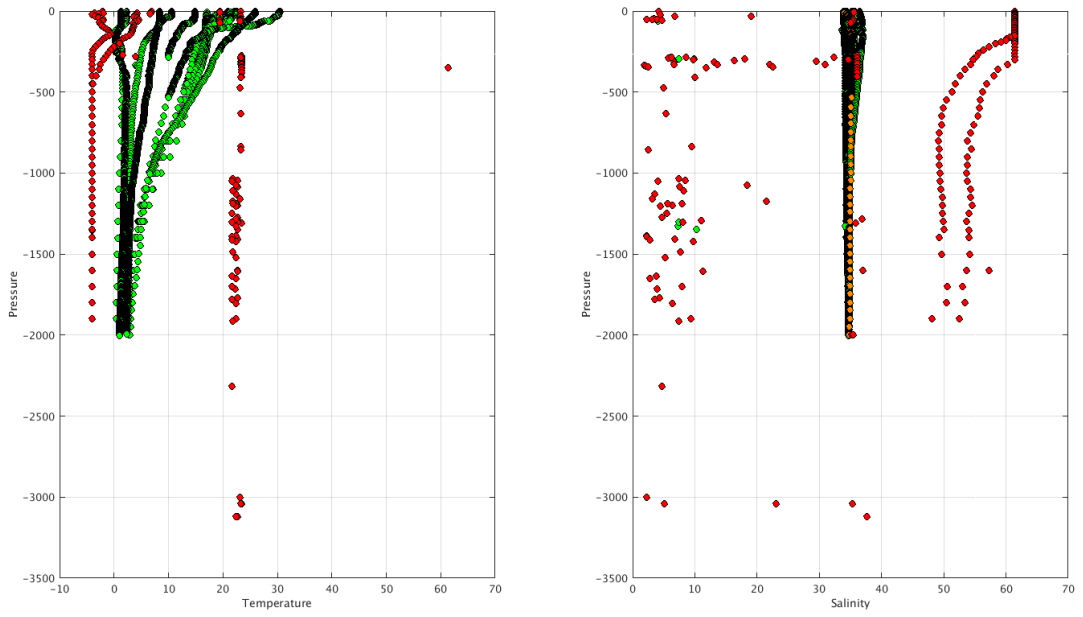
**Status of corrections: Correction in progress, regular feedback.**

### Files data mode='R' / 'A'

Float : 2901897 - Cycle : 214 - PI : Brian King - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 863 - FLOAT SERIAL : 0630 - Date : 2020 5 4  
 Float : 3901548 - Cycle : 50 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2020 2 17  
 Float : 3901548 - Cycle : 51 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2020 2 27  
 Float : 3901965 - Cycle : 133 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR108 - Date : 2020 5 24

### Files data mode='D'

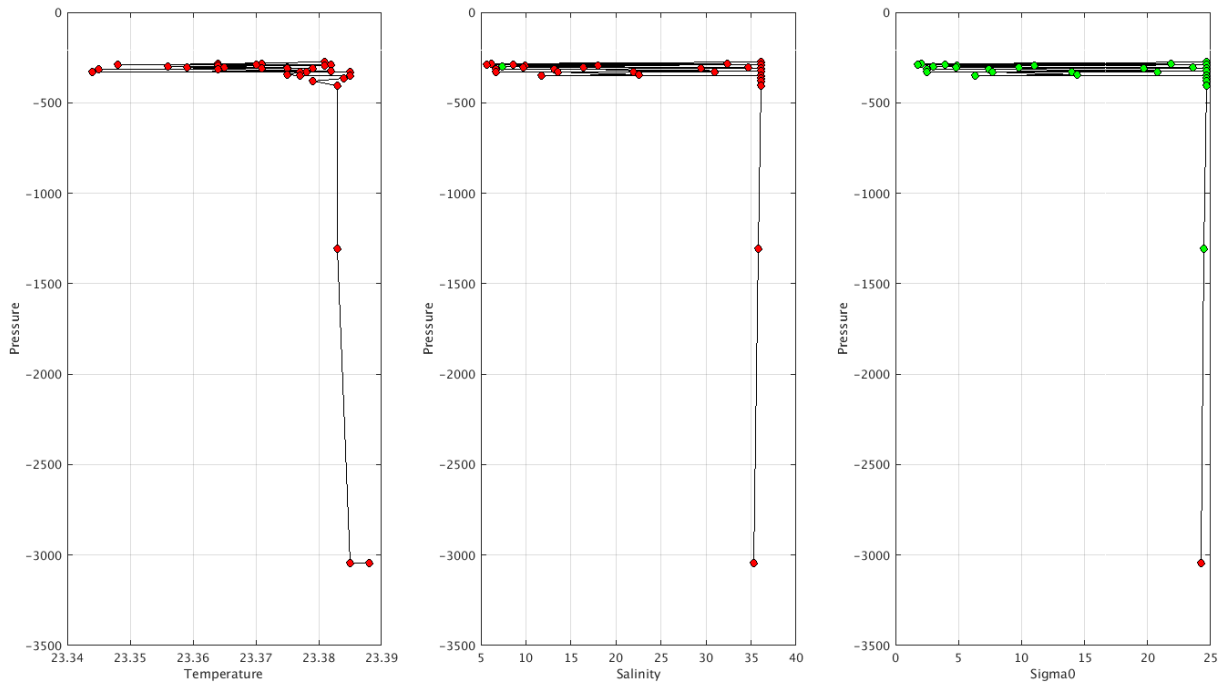
Float : 1901223 - Cycle : 266 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3856 - Date : 2016 3 27  
 Float : 1901223 - Cycle : 271 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3856 - Date : 2016 5 16  
 Float : 1901223 - Cycle : 272 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3856 - Date : 2016 5 26  
 Float : 1901223 - Cycle : 289 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3856 - Date : 2016 11 12  
 Float : 1901223 - Cycle : 291 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3856 - Date : 2016 12 2  
 Float : 1901300 - Cycle : 215 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5590 - Date : 2019 1 29  
 Float : 1901300 - Cycle : 216 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5590 - Date : 2019 2 8  
 Float : 1901300 - Cycle : 217 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5590 - Date : 2019 2 18  
 Float : 1901300 - Cycle : 219 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5590 - Date : 2019 3 10  
 Float : 1901300 - Cycle : 220 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5590 - Date : 2019 3 20  
 Float : 1901300 - Cycle : 221 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5590 - Date : 2019 3 30  
 Float : 1901300 - Cycle : 239 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5590 - Date : 2019 9 26  
 Float : 1901300 - Cycle : 245 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5590 - Date : 2019 11 25  
 Float : 1901851 - Cycle : 1 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7010 - Date : 2014 6 2  
 Float : 3901532 - Cycle : 42 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7590 - Date : 2018 5 6  
 Float : 3901892 - Cycle : 72 - PI : Josep Lluís Pelegri - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR055 - Date : 2018 10 7  
 Float : 3901905 - Cycle : 69 - PI : Pierre-Marie Poulain - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AR2600-16FR068 - Date : 2018 12 6  
 Float : 3901962 - Cycle : 62 - PI : Romain Cancouet - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR105 - Date : 2019 10 11  
 Float : 6901182 - Cycle : 110 - PI : Giorgio Dall'Olmo - Data mode : D - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : OIN14EN-S4-04 - Date : 2017 5 18



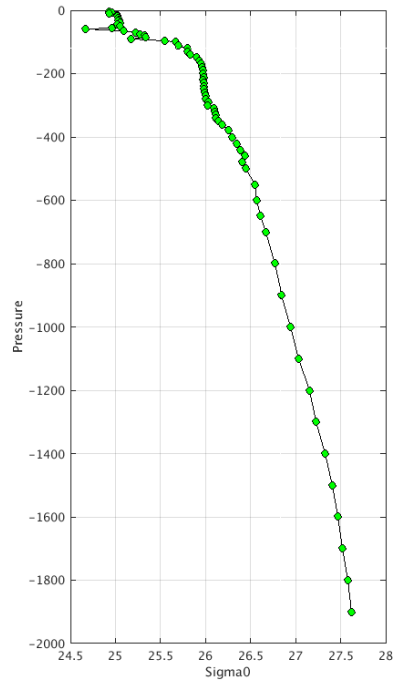
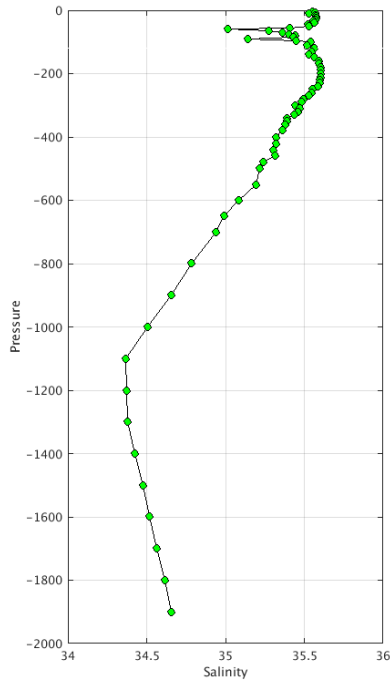
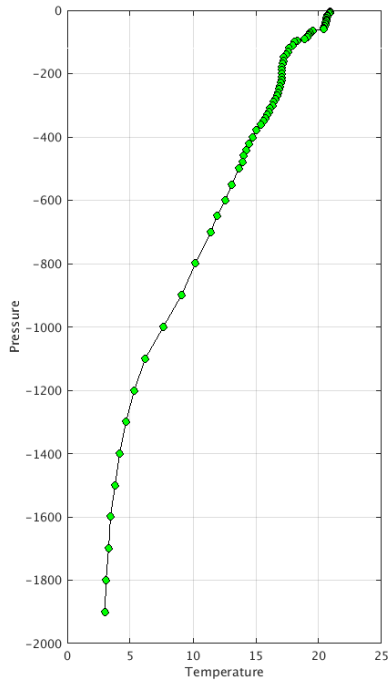
The list of the anomalies can be found at <http://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/bodc/>

Example of anomalies:

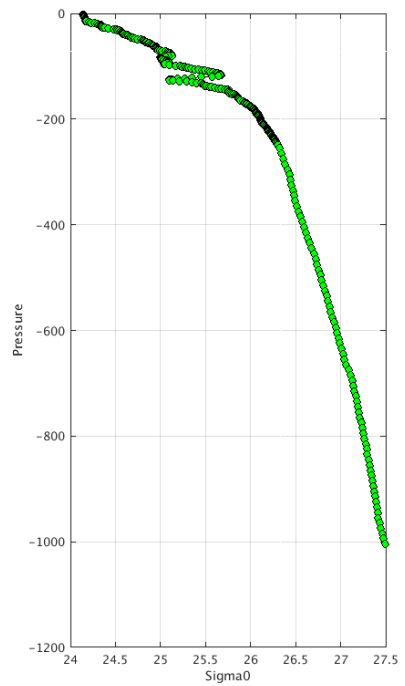
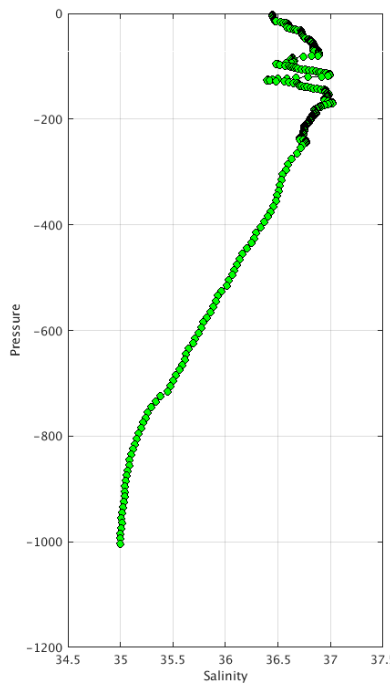
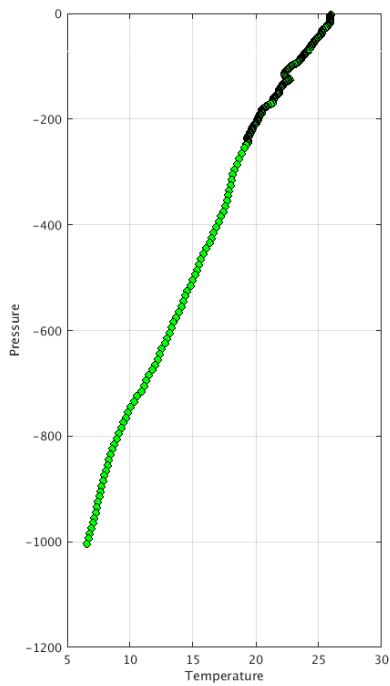
Warning Objective Analysis Anomalies 2020 May TEMP PSAL : DAC BO- Float 1901223 - 266



Warning Objective Analysis Anomalies 2020 May TEMP PSAL : DAC BO- Float 1901300 - 215



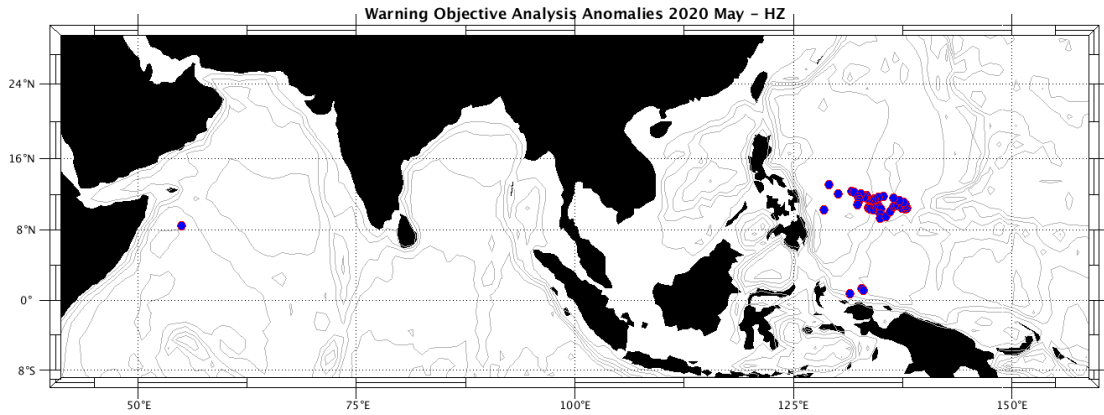
Warning Objective Analysis Anomalies 2020 May TEMP PSAL : DAC BO- Float 6901182 - 110



### 4.3. DAC CSIO

Profiles detected by the objective analysis: 50 profiles (4 floats, but floats can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|----------------|----------------|----------------|
| 0 cycle        | 4 cycles       | 46 cycles      |



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

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

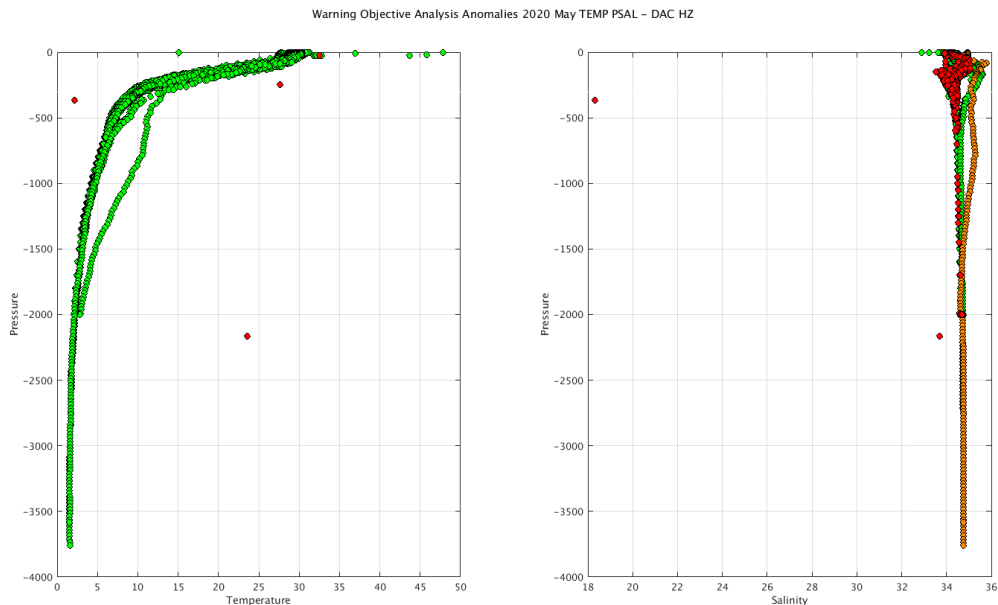
Float : 2902619 - Cycle : 207 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-68 - Date : 2020 5 21  
 Float : 2902738 - Cycle : 84 - PI : JIANPING XU - Data mode : A - Platform type : ARVOR - WMO inst type : 838 - FLOAT SERIAL : AD1700-17CH002 - Date : 2020 4 28  
 Float : 2902738 - Cycle : 86 - PI : JIANPING XU - Data mode : A - Platform type : ARVOR - WMO inst type : 838 - FLOAT SERIAL : AD1700-17CH002 - Date : 2020 5 18  
 Float : 2902738 - Cycle : 87 - PI : JIANPING XU - Data mode : A - Platform type : ARVOR - WMO inst type : 838 - FLOAT SERIAL : AD1700-17CH002 - Date : 2020 5 28

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

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 : 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 : 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 : 12 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 4 24  
 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 : 14 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 5 14  
 Float : 2901546 - Cycle : 15 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 5 24  
 Float : 2901546 - Cycle : 16 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 6 3  
 Float : 2901546 - Cycle : 17 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 6 13  
 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 : 21 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 7 23  
 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 : 23 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 8 12  
 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 : 29 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 10 11  
 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 : 33 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 11 20  
 Float : 2901546 - Cycle : 35 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 12 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 : 40 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 1 29  
 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 : 45 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 3 20  
 Float : 2901546 - Cycle : 46 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 3 30

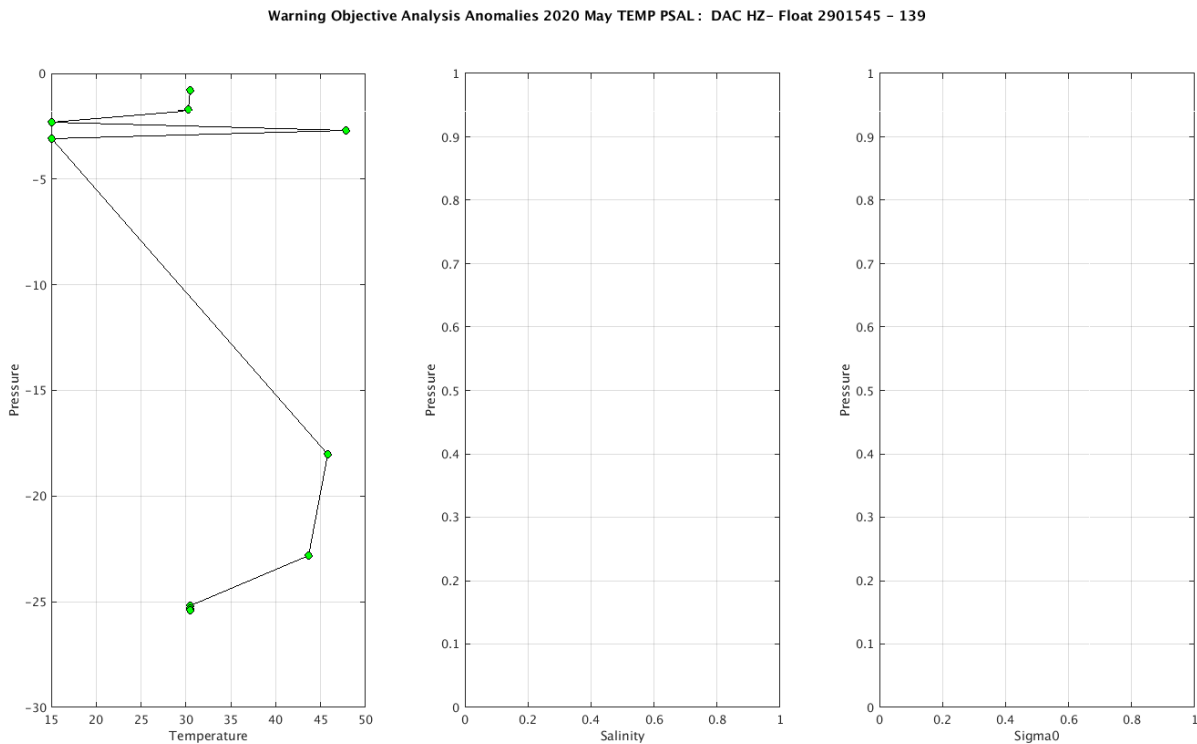


Float : 2901546 - Cycle : 47 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 4 9  
 Float : 2901546 - Cycle : 48 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 4 19  
 Float : 2901546 - Cycle : 49 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 4 29  
 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 : 55 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 6 28  
 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



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

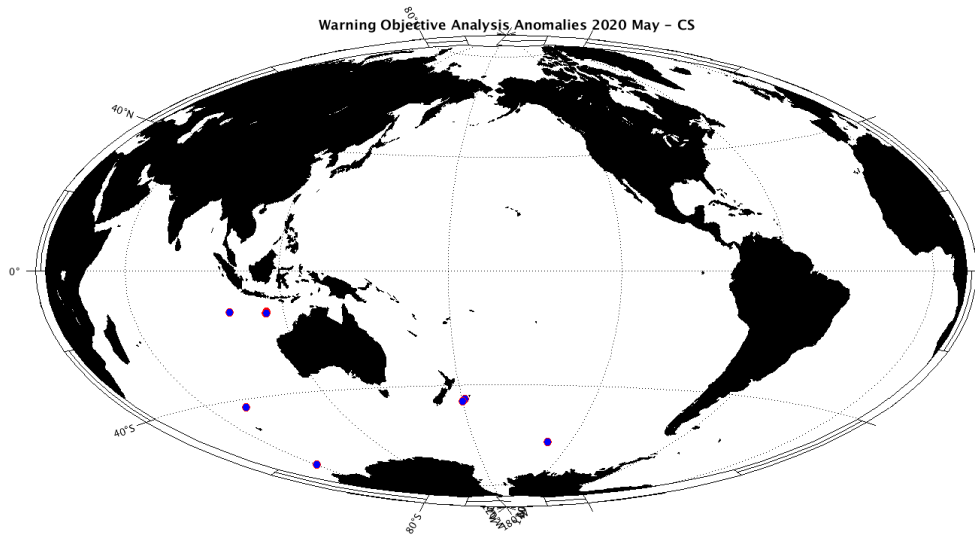
Example of anomalies:



4.4. DAC CSIRO

Profiles detected by the objective analysis: 11 profiles (6floats, but floats can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|----------------|----------------|----------------|
| 0 cycle        | 6 cycles       | 5 cycles       |



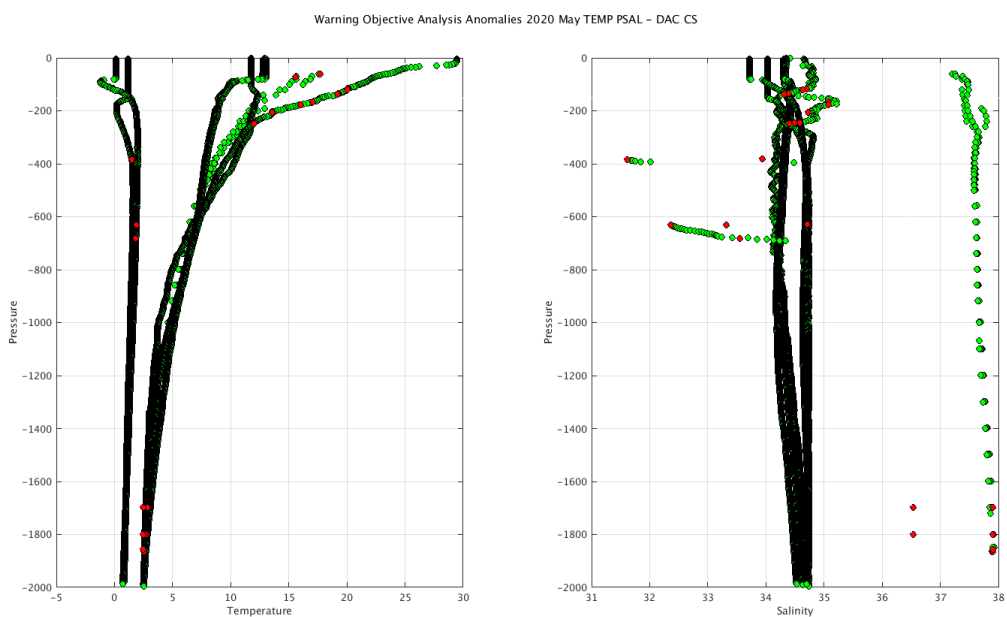
**Status of corrections: Corrections done or in progress, regular feedback.**

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

Float : 1901758 - Cycle : 12 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8847 - Date : 2020 5 13  
 Float : 5904886 - Cycle : 236 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6562 - Date : 2020 5 26  
 Float : 5904914 - Cycle : 197 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7051 - Date : 2020 5 6  
 Float : 5904914 - Cycle : 198 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7051 - Date : 2020 5 16  
 Float : 5905008 - Cycle : 163 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6542 - Date : 2020 5 1  
 Float : 7900894 - Cycle : 11 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8833 - Date : 2020 5 3

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

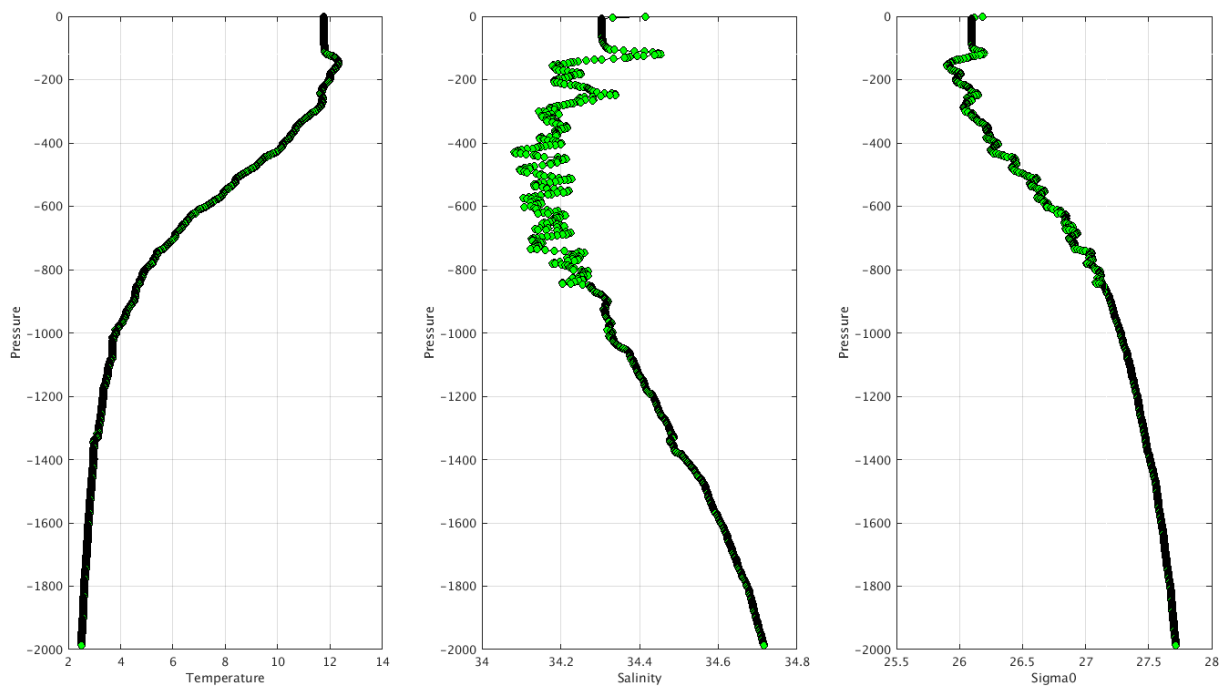
Float : 53548 - Cycle : 129 - PI : Susan Wijffels - Data mode : D - Platform type : PALACE - WMO inst type : 831 - FLOAT SERIAL : 225 - Date : 2004 3 16  
 Float : 53548 - Cycle : 130 - PI : Susan Wijffels - Data mode : D - Platform type : PALACE - WMO inst type : 831 - FLOAT SERIAL : 225 - Date : 2004 3 26  
 Float : 53548 - Cycle : 131 - PI : Susan Wijffels - Data mode : D - Platform type : PALACE - WMO inst type : 831 - FLOAT SERIAL : 225 - Date : 2004 4 5  
 Float : 53548 - Cycle : 132 - PI : Susan Wijffels - Data mode : D - Platform type : PALACE - WMO inst type : 831 - FLOAT SERIAL : 225 - Date : 2004 4 15  
 Float : 53548 - Cycle : 133 - PI : Susan Wijffels - Data mode : D - Platform type : PALACE - WMO inst type : 831 - FLOAT SERIAL : 225 - Date : 2004 4 25



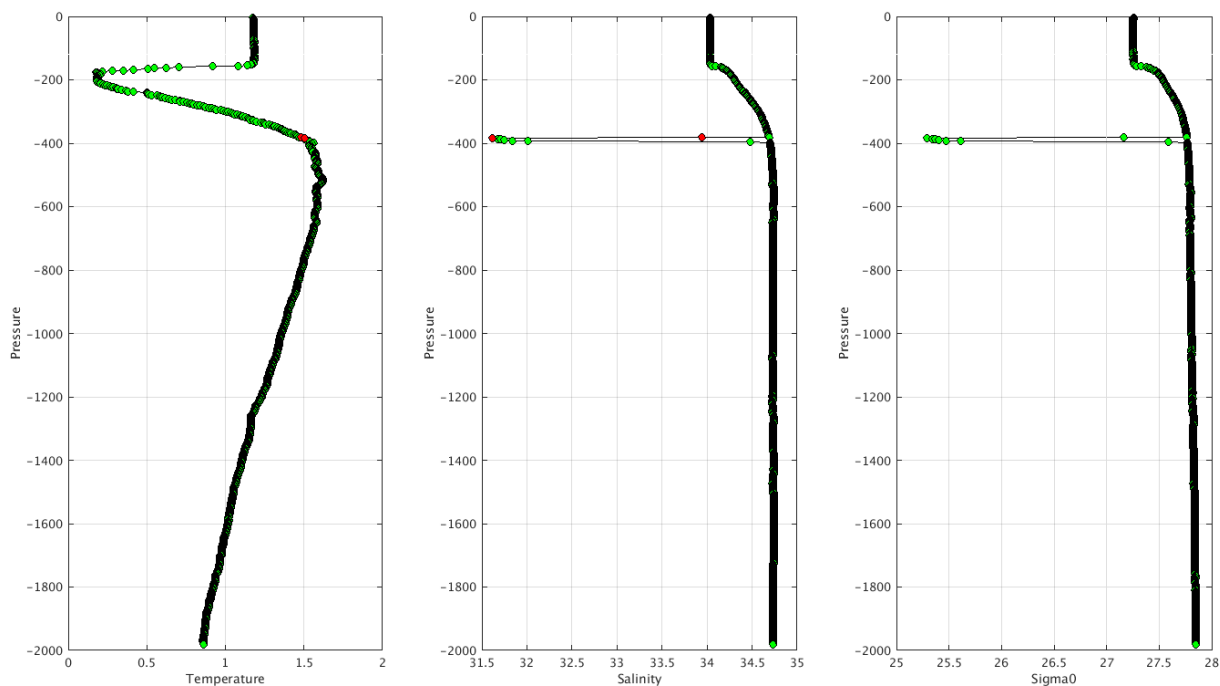
The list of the anomalies can be found at <ftp://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/csiro/>

Example of anomalies:

Warning Objective Analysis Anomalies 2020 May TEMP PSAL : DAC CS- Float 1901758 - 12



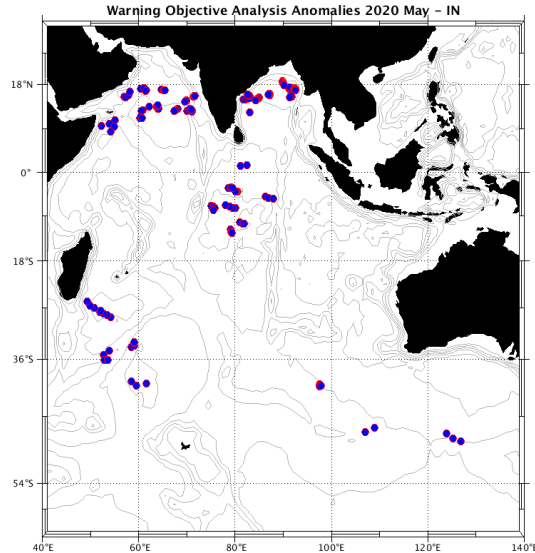
Warning Objective Analysis Anomalies 2020 May TEMP PSAL : DAC CS- Float 5904886 - 236



#### 4.5. DAC INCOIS

Profiles detected by the objective analysis: 148 profiles (37 floats, but floats can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|----------------|----------------|----------------|
| 4 cycles       | 144 cycles     | 0 cycle        |



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

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

|  |    |    |
|--|----|----|
| Float : 2902196 - Cycle : 164 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7556 - Date : 2018               | 3  | 30 |
| Float : 2902200 - Cycle : 152 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2020               | 4  | 24 |
| Float : 2902200 - Cycle : 153 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2020               | 5  | 5  |
| Float : 2902200 - Cycle : 154 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2020               | 5  | 14 |
| Float : 2902209 - Cycle : 133 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020               | 4  | 16 |
| Float : 2902209 - Cycle : 134 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020               | 4  | 26 |
| Float : 2902209 - Cycle : 135 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020               | 5  | 6  |
| Float : 2902209 - Cycle : 136 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020               | 5  | 15 |
| Float : 2902209 - Cycle : 137 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020               | 5  | 25 |
| Float : 2902233 - Cycle : 302 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17005 - Date : 2020             | 4  | 28 |
| Float : 2902233 - Cycle : 303 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17005 - Date : 2020             | 5  | 3  |
| Float : 2902233 - Cycle : 304 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17005 - Date : 2020             | 5  | 8  |
| Float : 2902233 - Cycle : 305 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17005 - Date : 2020             | 5  | 13 |
| Float : 2902233 - Cycle : 306 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17005 - Date : 2020             | 5  | 18 |
| Float : 2902233 - Cycle : 307 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17005 - Date : 2020             | 5  | 23 |
| Float : 2902241 - Cycle : 4 - PI : M Ravichandran - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P41305-17IN005 - Date : 2017 | 11 | 5  |
| Float : 2902241 - Cycle : 5 - PI : M Ravichandran - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P41305-17IN005 - Date : 2017 | 11 | 10 |
| Float : 2902241 - Cycle : 6 - PI : M Ravichandran - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P41305-17IN005 - Date : 2017 | 11 | 15 |
| Float : 2902241 - Cycle : 7 - PI : M Ravichandran - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P41305-17IN005 - Date : 2017 | 11 | 20 |
| Float : 2902246 - Cycle : 76 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17101 - Date : 2020              | 1  | 20 |
| Float : 2902246 - Cycle : 77 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17101 - Date : 2020              | 1  | 30 |
| Float : 2902246 - Cycle : 86 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17101 - Date : 2020              | 4  | 29 |
| Float : 2902246 - Cycle : 87 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17101 - Date : 2020              | 5  | 9  |
| Float : 2902246 - Cycle : 88 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17101 - Date : 2020              | 5  | 19 |
| Float : 2902250 - Cycle : 82 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17105 - Date : 2020              | 4  | 26 |
| Float : 2902250 - Cycle : 83 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17105 - Date : 2020              | 5  | 6  |
| Float : 2902250 - Cycle : 84 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17105 - Date : 2020              | 5  | 16 |
| Float : 2902250 - Cycle : 85 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17105 - Date : 2020              | 5  | 26 |
| Float : 2902254 - Cycle : 105 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17107 - Date : 2020             | 4  | 29 |
| Float : 2902254 - Cycle : 106 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17107 - Date : 2020             | 5  | 9  |
| Float : 2902254 - Cycle : 107 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17107 - Date : 2020             | 5  | 19 |
| Float : 2902255 - Cycle : 186 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17108 - Date : 2020             | 4  | 5  |
| Float : 2902255 - Cycle : 190 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17108 - Date : 2020             | 5  | 15 |
| 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 : 2902256 - Cycle : 188 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17109 - Date : 2020             | 4  | 25 |
| Float : 2902256 - Cycle : 189 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17109 - Date : 2020             | 5  | 5  |
| Float : 2902256 - Cycle : 190 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17109 - Date : 2020             | 5  | 15 |

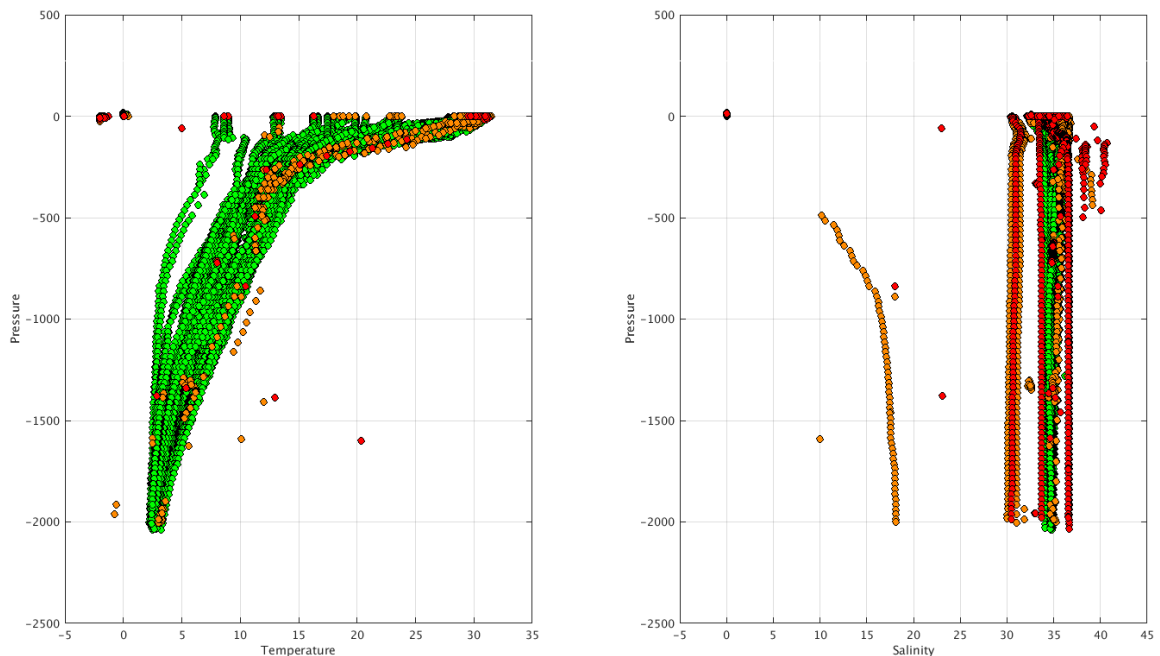




Float : 2902288 - Cycle : 26 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18016 - Date : 2020 4 25  
 Float : 2902288 - Cycle : 27 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18016 - Date : 2020 5 5  
 Float : 2902288 - Cycle : 29 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18016 - Date : 2020 5 25  
 Float : 2902289 - Cycle : 26 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18017 - Date : 2020 4 25  
 Float : 2902289 - Cycle : 27 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18017 - Date : 2020 5 5  
 Float : 2902289 - Cycle : 28 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18017 - Date : 2020 5 15  
 Float : 2902289 - Cycle : 29 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18017 - Date : 2020 5 25  
 Float : 2902290 - Cycle : 26 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18018 - Date : 2020 4 24  
 Float : 2902290 - Cycle : 27 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18018 - Date : 2020 5 4  
 Float : 2902290 - Cycle : 28 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18018 - Date : 2020 5 14  
 Float : 2902290 - Cycle : 29 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18018 - Date : 2020 5 24  
 Float : 2902292 - Cycle : 26 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18020 - Date : 2020 4 22  
 Float : 2902292 - Cycle : 27 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18020 - Date : 2020 5 2  
 Float : 2902292 - Cycle : 28 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18020 - Date : 2020 5 12  
 Float : 2902293 - Cycle : 26 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18021 - Date : 2020 4 22  
 Float : 2902293 - Cycle : 27 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18021 - Date : 2020 5 2  
 Float : 2902293 - Cycle : 28 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18021 - Date : 2020 5 12  
 Float : 2902293 - Cycle : 29 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18021 - Date : 2020 5 22  
 Float : 2902300 - Cycle : 6 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18022 - Date : 2020 5 3  
 Float : 2902300 - Cycle : 7 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18022 - Date : 2020 5 13  
 Float : 2902300 - Cycle : 8 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18022 - Date : 2020 5 23  
 Float : 2902301 - Cycle : 5 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18023 - Date : 2020 4 25  
 Float : 2902301 - Cycle : 6 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18023 - Date : 2020 5 5  
 Float : 2902301 - Cycle : 7 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18023 - Date : 2020 5 15  
 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 : 2902302 - Cycle : 5 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18024 - Date : 2020 4 25  
 Float : 2902302 - Cycle : 6 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18024 - Date : 2020 5 5  
 Float : 2902302 - Cycle : 7 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18024 - Date : 2020 5 15  
 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 : 2902303 - Cycle : 5 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18025 - Date : 2020 4 24  
 Float : 2902303 - Cycle : 6 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18025 - Date : 2020 5 4  
 Float : 2902303 - Cycle : 7 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18025 - Date : 2020 5 14  
 Float : 2902303 - Cycle : 8 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18025 - Date : 2020 5 24  
 Float : 2902304 - Cycle : 5 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18026 - Date : 2020 4 26  
 Float : 2902304 - Cycle : 6 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18026 - Date : 2020 5 6  
 Float : 2902304 - Cycle : 7 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18026 - Date : 2020 5 16  
 Float : 2902304 - Cycle : 8 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18026 - Date : 2020 5 26

**Files data mode='D'**

Warning Objective Analysis Anomalies 2020 May TEMP PSAL - DAC IN

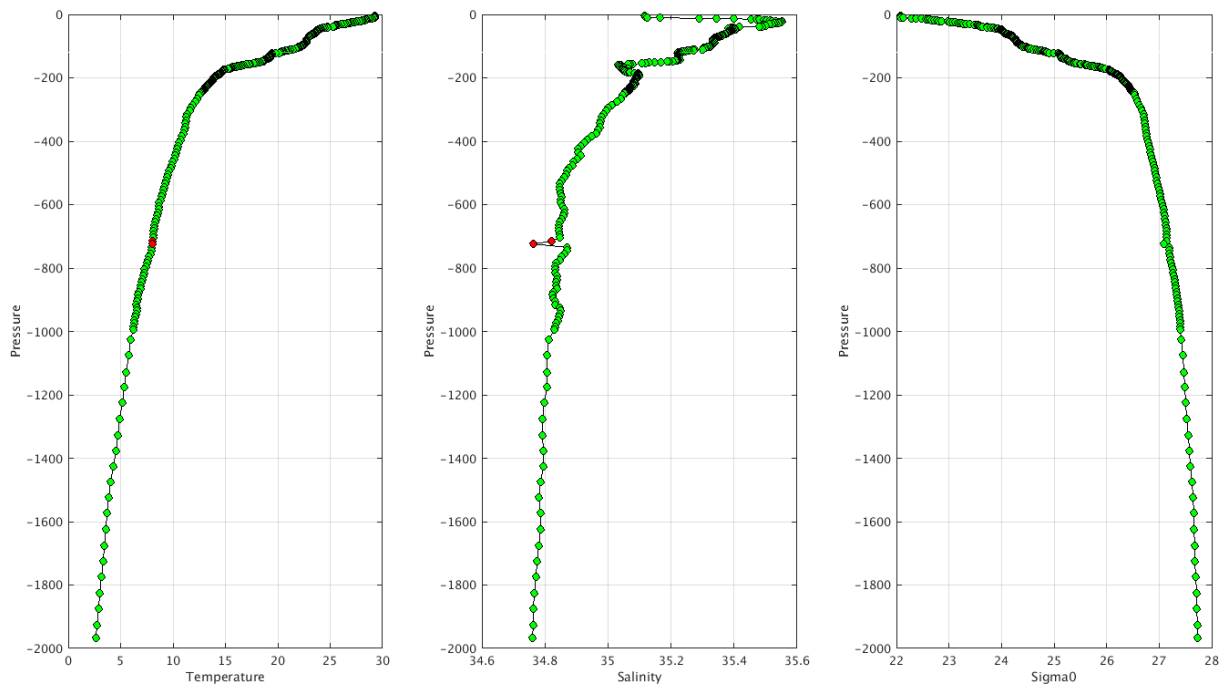


The list of the anomalies can be found at <http://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/incois/>

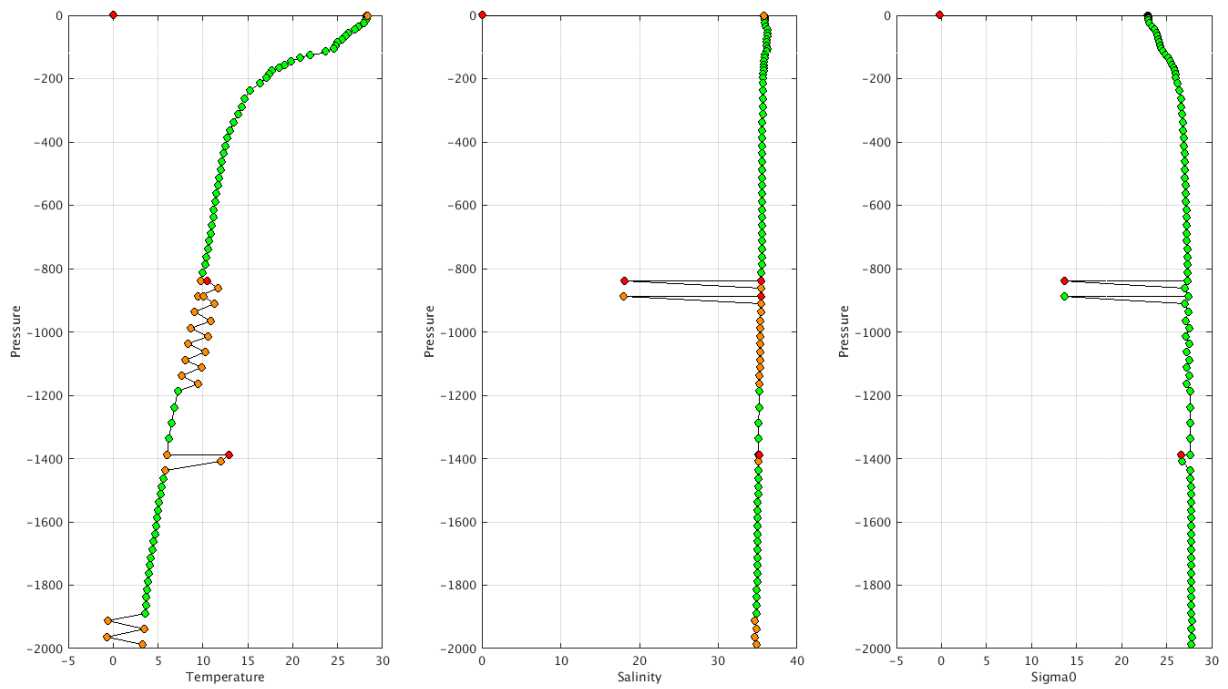
Example of anomalies:

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

Warning Objective Analysis Anomalies 2020 May TEMP PSAL : DAC IN- Float 2902241 - 4



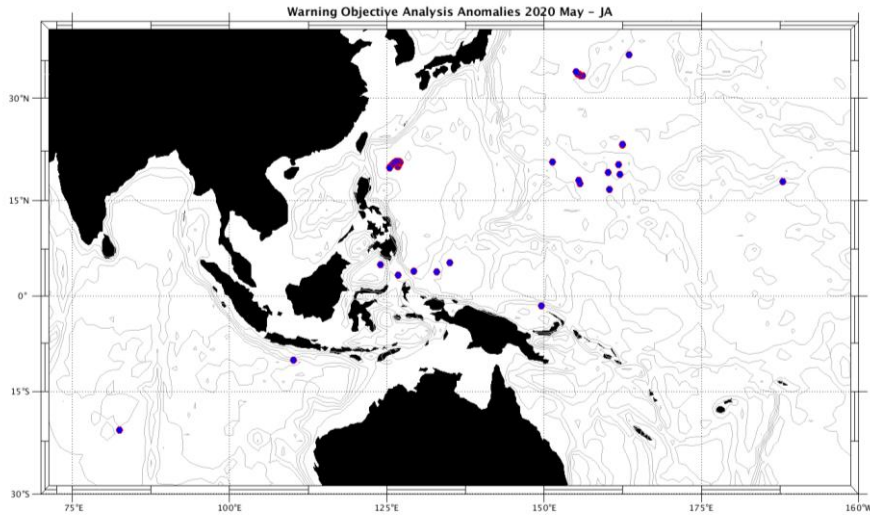
Warning Objective Analysis Anomalies 2020 May TEMP PSAL : DAC IN- Float 2902255 - 186



#### 4.6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 43 profiles (10 floats, but floats can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|----------------|----------------|----------------|
| 28 cycles      | 1 cycle        | 14 cycles      |



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

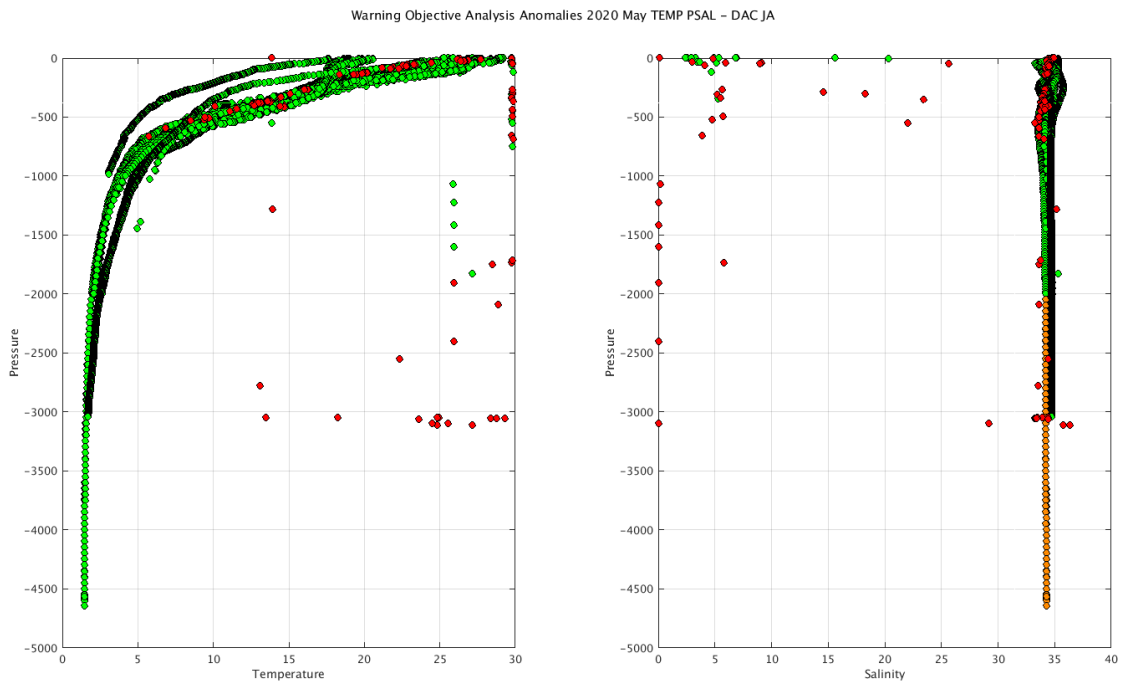
##### Files data\_mode='R'/'A'

Float : 1902333 - Cycle : 28 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 45 - Date : 2020 5 19  
 Float : 2903191 - Cycle : 156 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 3 8  
 Float : 2903191 - Cycle : 159 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 3 23  
 Float : 2903191 - Cycle : 160 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 3 28  
 Float : 2903191 - Cycle : 161 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 4 2  
 Float : 2903191 - Cycle : 162 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 4 7  
 Float : 2903191 - Cycle : 163 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 4 12  
 Float : 2903191 - Cycle : 164 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 4 17  
 Float : 2903191 - Cycle : 165 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 4 22  
 Float : 2903191 - Cycle : 166 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 4 27  
 Float : 2903191 - Cycle : 167 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 5 2  
 Float : 2903191 - Cycle : 168 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 5 7  
 Float : 2903191 - Cycle : 169 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 5 12  
 Float : 2903191 - Cycle : 170 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 5 17  
 Float : 2903191 - Cycle : 171 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 5 22  
 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 : 2903212 - Cycle : 82 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2020 5 1  
 Float : 2903212 - Cycle : 83 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2020 5 10  
 Float : 2903212 - Cycle : 84 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2020 5 19  
 Float : 2903212 - Cycle : 85 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2020 5 28  
 Float : 2903214 - Cycle : 163 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP002 - Date : 2020 4 27  
 Float : 2903214 - Cycle : 164 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP002 - Date : 2020 5 2  
 Float : 2903214 - Cycle : 165 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP002 - Date : 2020 5 7  
 Float : 2903214 - Cycle : 166 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP002 - Date : 2020 5 12  
 Float : 2903214 - Cycle : 167 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP002 - Date : 2020 5 17  
 Float : 2903214 - Cycle : 168 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP002 - Date : 2020 5 22  
 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 : 2903394 - Cycle : 84 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0951 - Date : 2020 5 27  
 Float : 5905876 - Cycle : 45 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 48 - Date : 2020 5 24

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

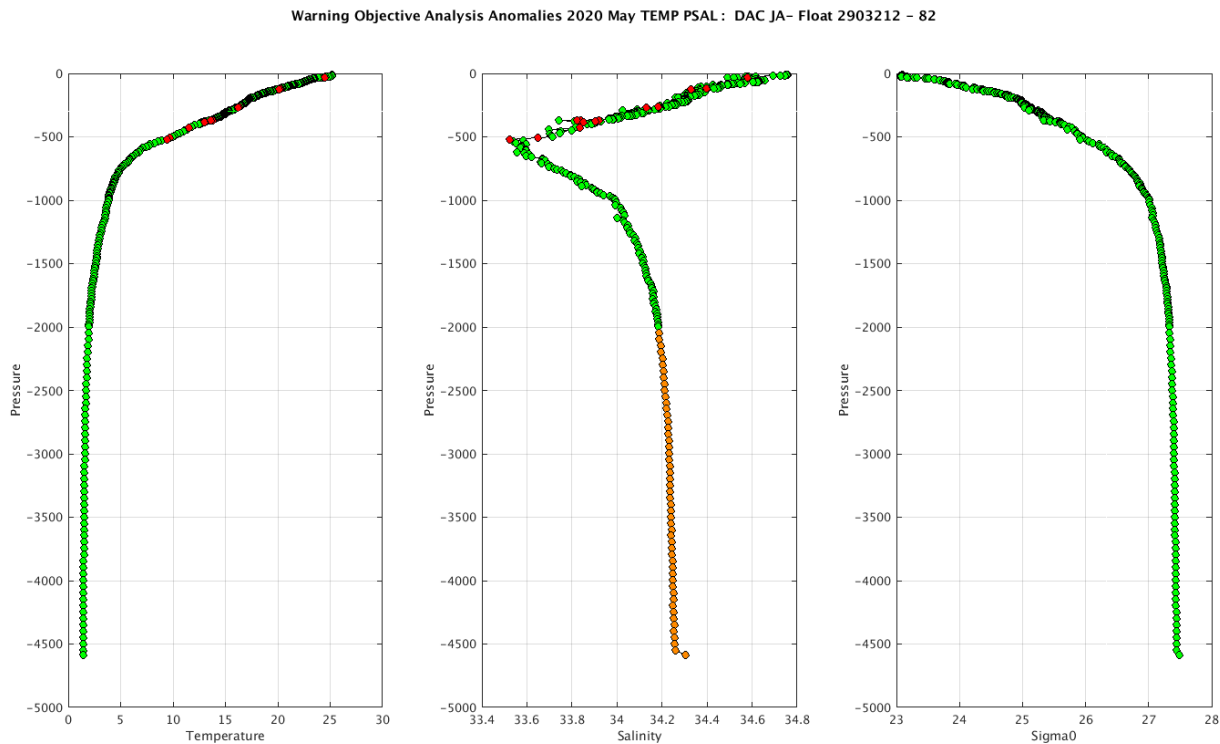
Float : 2900287 - Cycle : 31 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 792 - Date : 2004 3 29  
 Float : 5900295 - Cycle : 41 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 777 - Date : 2004 3 8  
 Float : 5900295 - Cycle : 45 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 777 - Date : 2004 4 17  
 Float : 5900295 - Cycle : 46 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 777 - Date : 2004 4 27  
 Float : 5900295 - Cycle : 47 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 777 - Date : 2004 5 7  
 Float : 5900296 - Cycle : 43 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 778 - Date : 2004 3 29  
 Float : 5900296 - Cycle : 44 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 778 - Date : 2004 4 8  
 Float : 5900311 - Cycle : 38 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 785 - Date : 2004 3 13  
 Float : 5900311 - Cycle : 39 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 785 - Date : 2004 3 24  
 Float : 5900311 - Cycle : 40 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 785 - Date : 2004 4 3

Float : 5900311 - Cycle : 42 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 785 - Date : 2004 4 22  
 Float : 5900311 - Cycle : 43 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 785 - Date : 2004 5 2  
 Float : 5900382 - Cycle : 32 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 920 - Date : 2004 4 21  
 Float : 5900386 - Cycle : 33 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 926 - Date : 2004 5 9

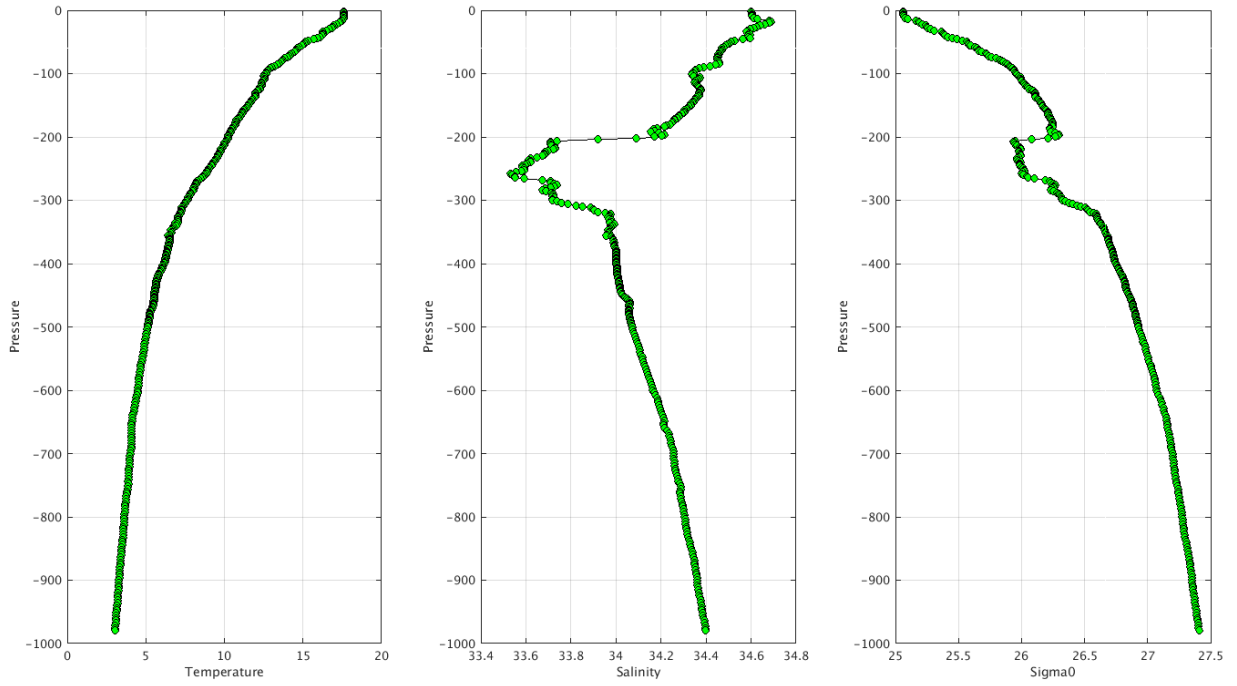


The list of the anomalies can be found at <http://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/jma/>

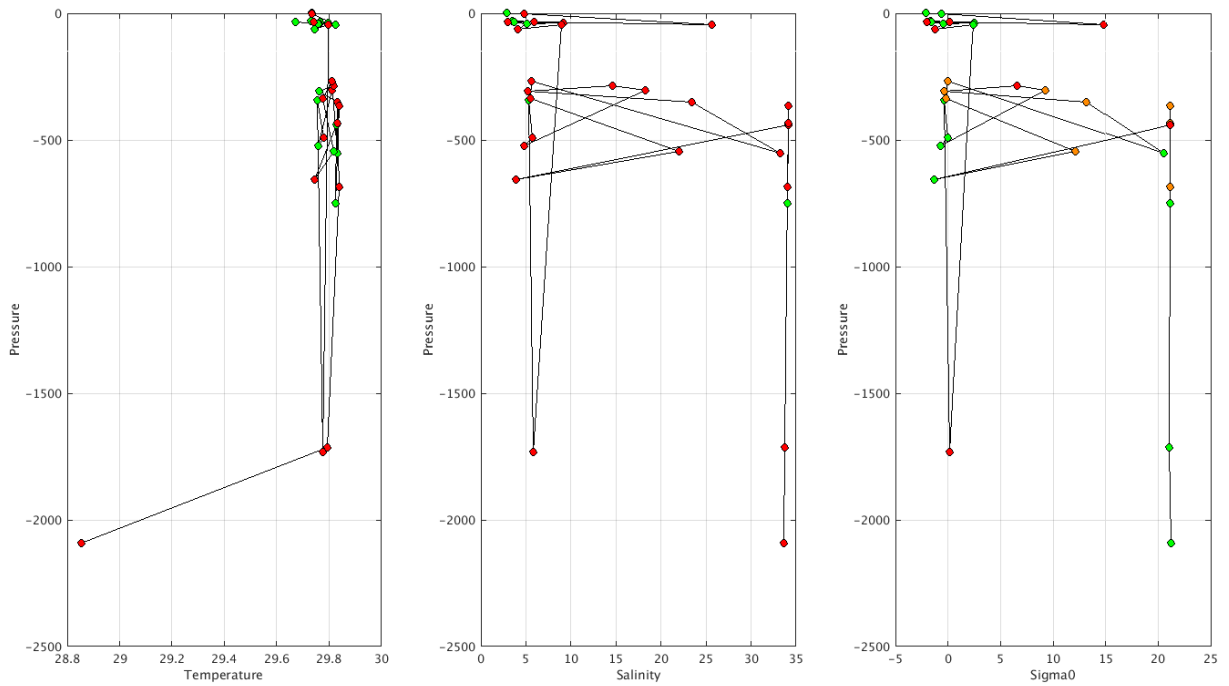
Example of anomalies:



Warning Objective Analysis Anomalies 2020 May TEMP PSAL : DAC JA- Float 2903394 - 84



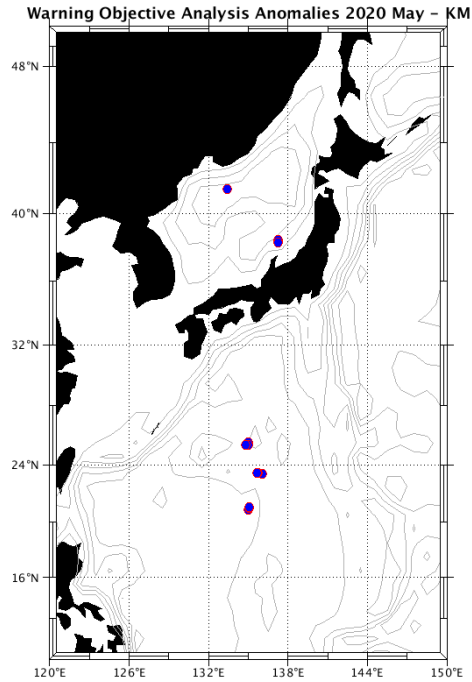
Warning Objective Analysis Anomalies 2020 May TEMP PSAL : DAC JA- Float 5900311 - 42



4.7. DAC KMA

Profiles detected by the objective analysis: 12 profiles (5 floats can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|----------------|----------------|----------------|
| 12 cycles      | 0 cycle        | 0 cycle        |



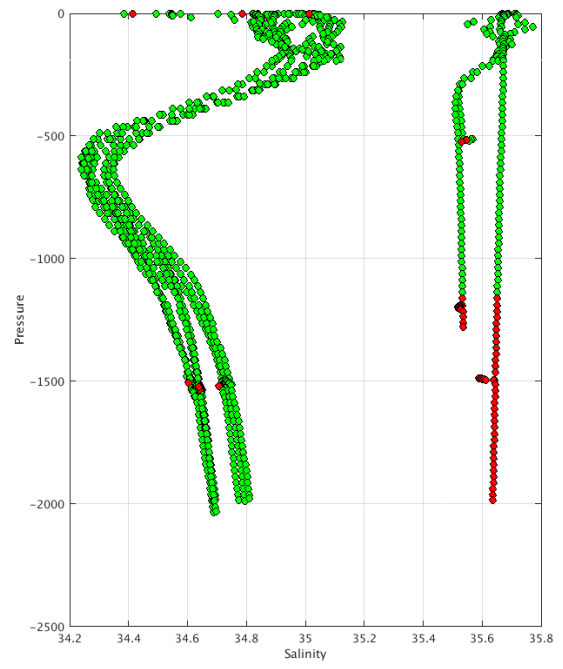
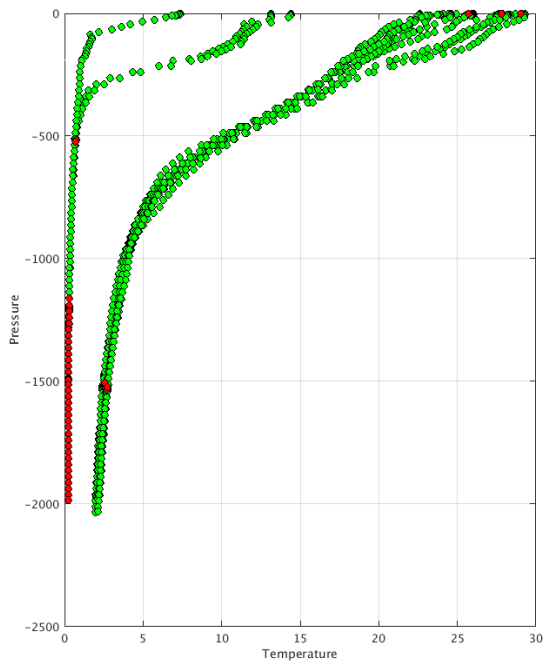
**Status of corrections: Correction not done for all, few feedbacks**

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

- Float : 2901758 - Cycle : 125 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 5 10
- Float : 2901758 - Cycle : 126 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 5 20
- Float : 2901759 - Cycle : 137 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 4 30
- Float : 2901760 - Cycle : 137 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 5 1
- Float : 2901760 - Cycle : 138 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 5 11
- Float : 2901760 - Cycle : 139 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 5 21
- Float : 2901763 - Cycle : 135 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 5 2
- Float : 2901763 - Cycle : 136 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 5 12
- Float : 2901763 - Cycle : 137 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 5 22
- Float : 2901765 - Cycle : 137 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 5 2
- Float : 2901765 - Cycle : 138 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 5 12
- Float : 2901765 - Cycle : 139 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 5 22

Files data\_mode='D'

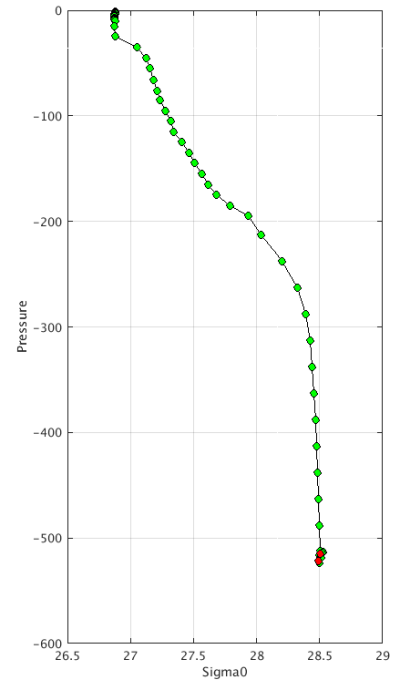
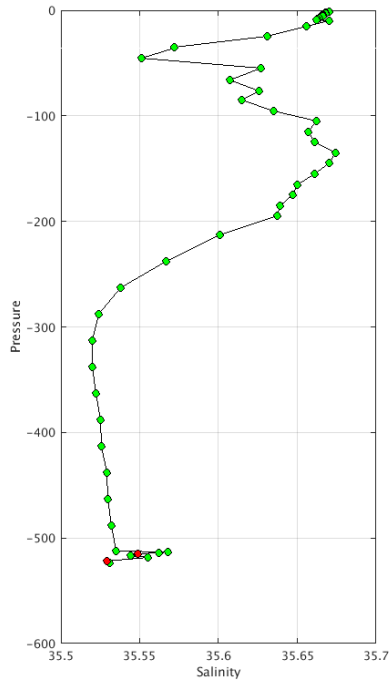
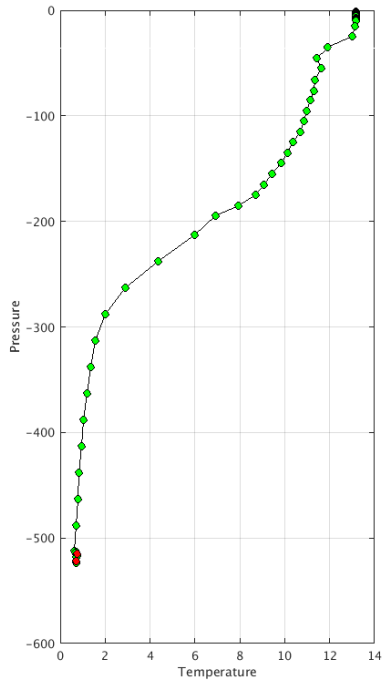




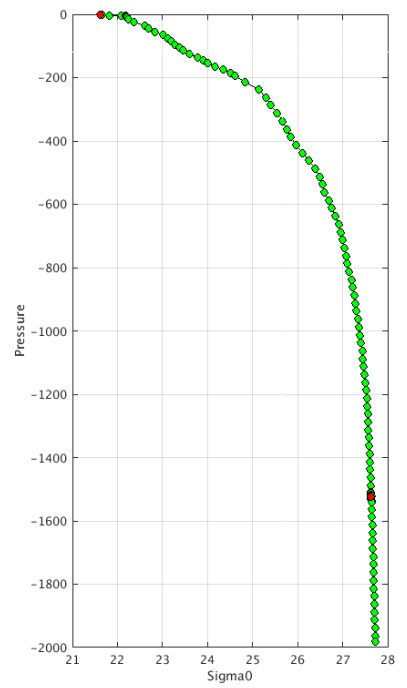
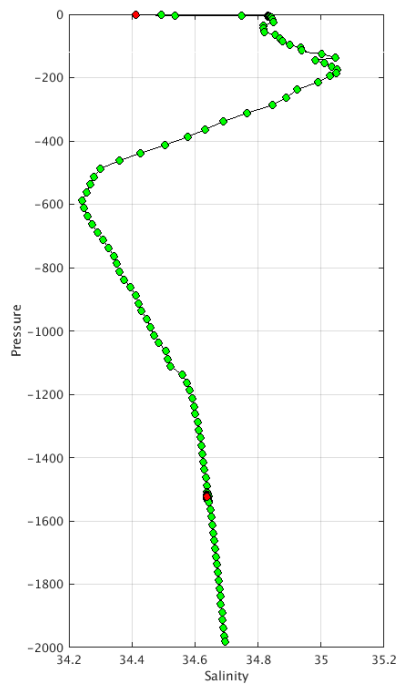
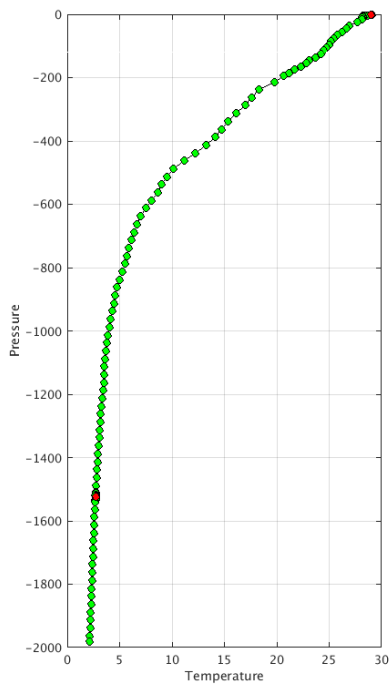
The list of the anomalies can be found at <ftp://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/kma/>

Example of anomalies:

Warning Objective Analysis Anomalies 2020 May TEMP PSAL : DAC KM- Float 2901758 - 125



Warning Objective Analysis Anomalies 2020 May TEMP PSAL : DAC KM- Float 2901765 - 138



**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'**

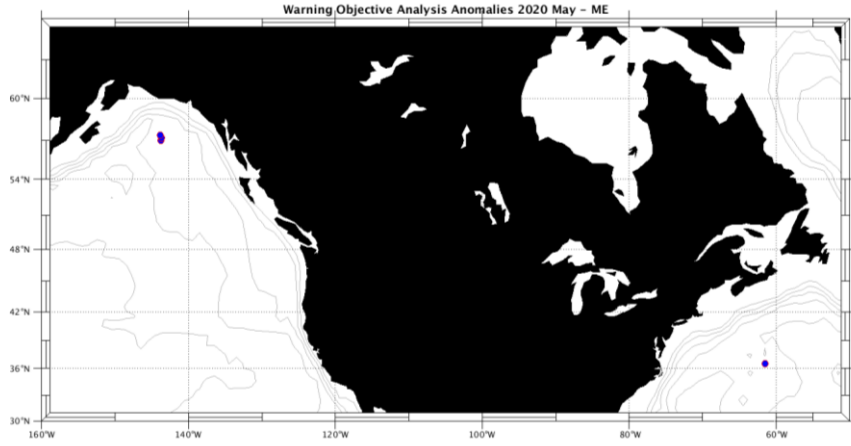
The list of the anomalies can be found at <ftp://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/kordi/>

**Example of anomalies:**

4.9. DAC MEDS

Profiles detected by the objective analysis: 4 profiles (2 floats, but floats can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|----------------|----------------|----------------|
| 1 cycle        | 3 cycles       | 0 cycle        |

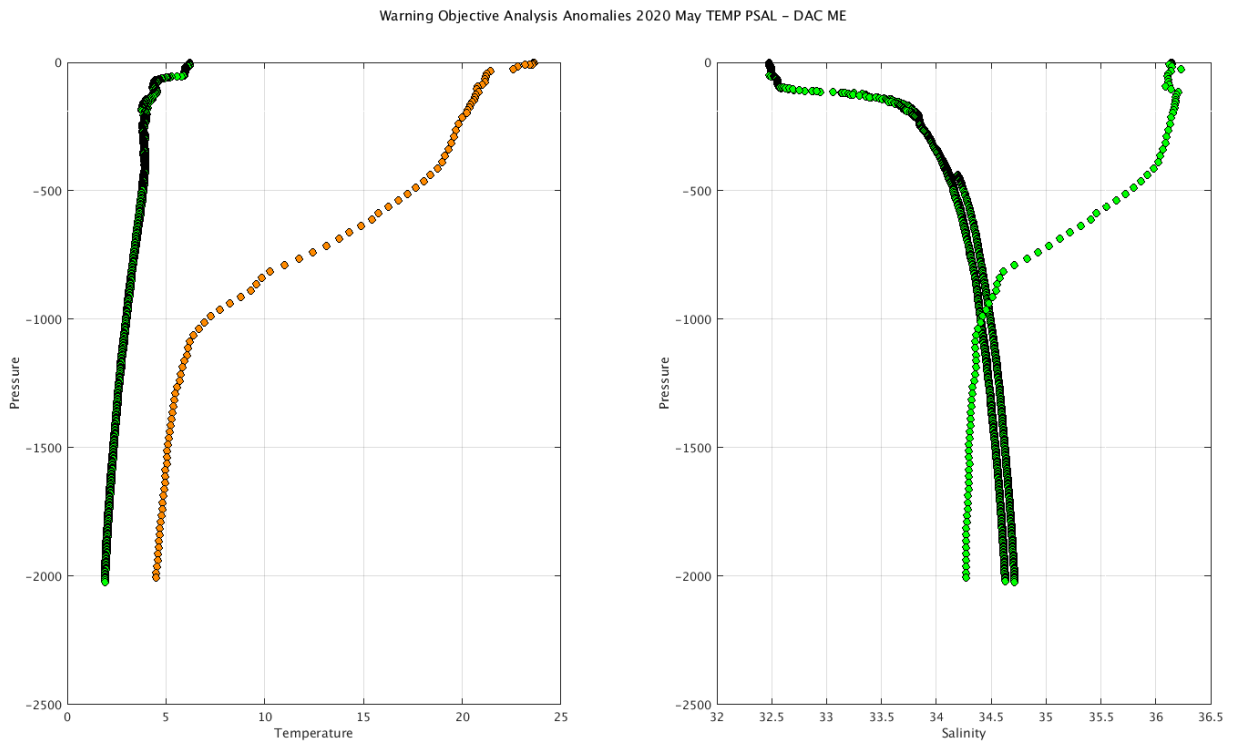


**Status of corrections: Correction not done or in progress, no feedback**

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

- Float : 4902465 - Cycle : 66 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 601 - Date : 2020 5 1
- Float : 4902465 - Cycle : 67 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 601 - Date : 2020 5 11
- Float : 4902465 - Cycle : 68 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 601 - Date : 2020 5 21
- Float : 4902470 - Cycle : 41 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 5 27

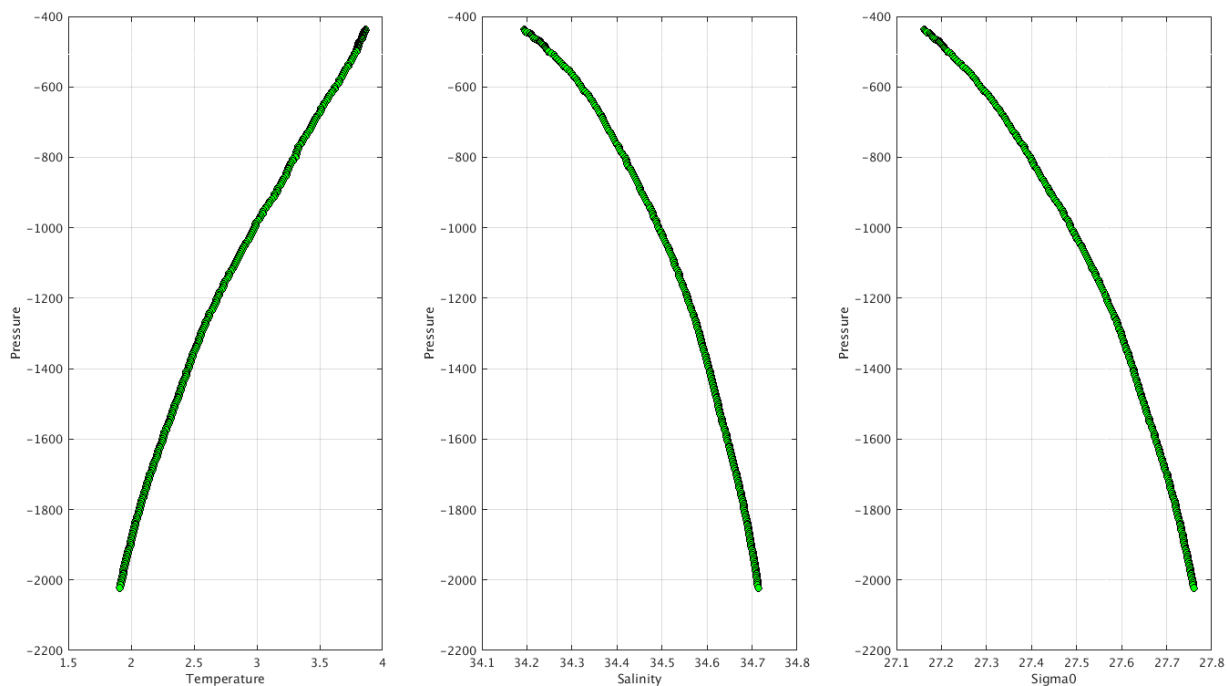
**Files data\_mode='D'**



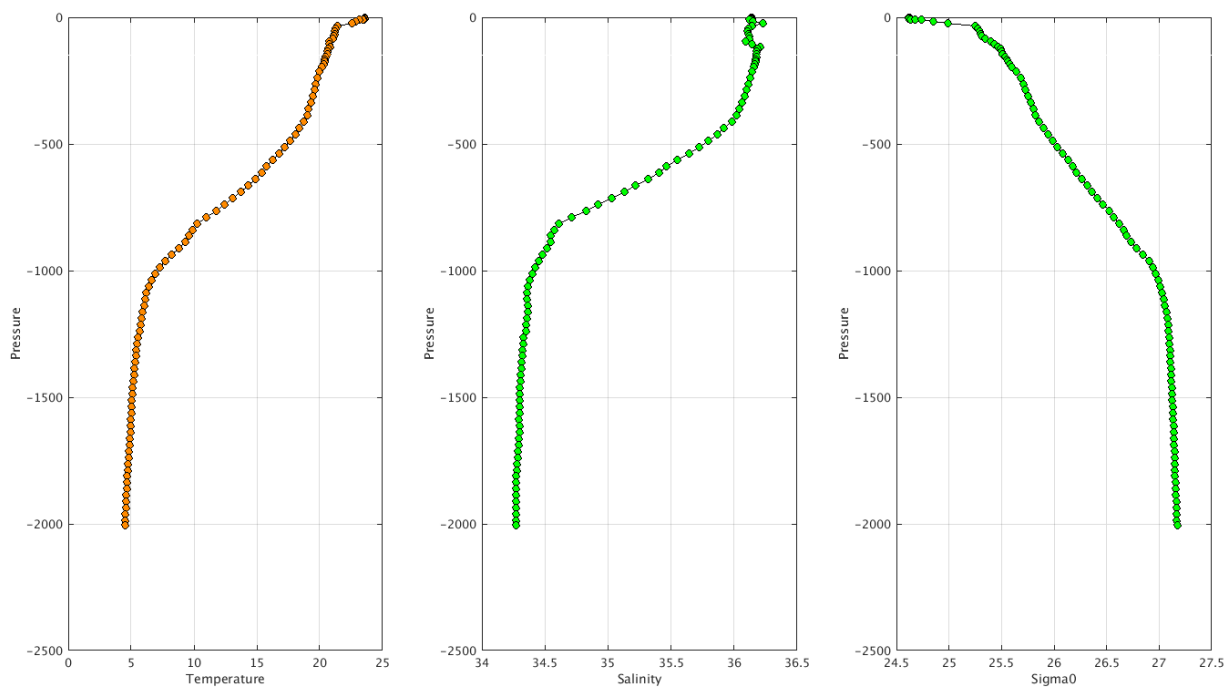
The list of the anomalies can be found at <ftp://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/meds/>

Example of anomalies:

Warning Objective Analysis Anomalies 2020 May TEMP PSAL : DAC ME- Float 4902465 - 68



Warning Objective Analysis Anomalies 2020 May TEMP PSAL : DAC ME- Float 4902470 - 41







## 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 : 7478

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

## 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

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

1901865 - Existing NetCDF files

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

1901866 - Existing NetCDF files

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

1901867 - Existing NetCDF files

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

1901868 - Existing NetCDF files

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

1901869 - Existing NetCDF files

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

1901870 - Existing NetCDF files

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

1901871 - Existing NetCDF files

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

1901872 - Existing NetCDF files

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

1901873 - Existing NetCDF files

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

1901875 - Existing NetCDF files

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

1901876 - Existing NetCDF files

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

1901877 - Existing NetCDF files

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

1901878 - Existing NetCDF files

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

1901879 - Existing NetCDF files

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

1901880 - Existing NetCDF files

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

1901881 - Existing NetCDF files

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

1901882 - Existing NetCDF files

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

1901883 - Existing NetCDF files

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

1901884 - Existing NetCDF files

File : 1901884\_meta.nc - 1901884\_prof.nc - 1901884\_tech.nc -  
1901885 - Existing NetCDF files  
File : 1901885\_meta.nc - 1901885\_prof.nc - 1901885\_tech.nc -  
1901886 - Existing NetCDF files  
File : 1901886\_meta.nc - 1901886\_prof.nc - 1901886\_tech.nc -  
1901887 - Existing NetCDF files  
File : 1901887\_meta.nc - 1901887\_prof.nc - 1901887\_tech.nc -  
1901888 - Existing NetCDF files  
File : 1901888\_meta.nc - 1901888\_prof.nc - 1901888\_tech.nc -  
1901894 - Existing NetCDF files  
File : 1901894\_meta.nc - 1901894\_prof.nc - 1901894\_tech.nc -  
1901896 - Existing NetCDF files  
File : 1901896\_meta.nc - 1901896\_prof.nc - 1901896\_tech.nc -  
1901897 - Existing NetCDF files  
File : 1901897\_meta.nc - 1901897\_prof.nc - 1901897\_tech.nc -  
1901898 - Existing NetCDF files  
File : 1901898\_meta.nc - 1901898\_prof.nc - 1901898\_tech.nc -  
1901899 - Existing NetCDF files  
File : 1901899\_meta.nc - 1901899\_prof.nc - 1901899\_tech.nc -  
1901900 - Existing NetCDF files  
File : 1901900\_meta.nc - 1901900\_prof.nc - 1901900\_tech.nc -  
1901901 - Existing NetCDF files  
File : 1901901\_meta.nc - 1901901\_prof.nc - 1901901\_tech.nc -  
1901902 - Existing NetCDF files  
File : 1901902\_meta.nc - 1901902\_prof.nc - 1901902\_tech.nc -  
1901903 - Existing NetCDF files  
File : 1901903\_meta.nc - 1901903\_prof.nc - 1901903\_tech.nc -  
1901904 - Existing NetCDF files  
File : 1901904\_meta.nc - 1901904\_prof.nc - 1901904\_tech.nc -  
1901906 - Existing NetCDF files  
File : 1901906\_meta.nc - 1901906\_prof.nc - 1901906\_tech.nc -  
1901907 - Existing NetCDF files  
File : 1901907\_meta.nc - 1901907\_prof.nc - 1901907\_tech.nc -  
1901909 - Existing NetCDF files  
File : 1901909\_meta.nc - 1901909\_prof.nc - 1901909\_tech.nc -  
1901910 - Existing NetCDF files  
File : 1901910\_meta.nc - 1901910\_prof.nc - 1901910\_tech.nc -  
1901911 - Existing NetCDF files  
File : 1901911\_meta.nc - 1901911\_prof.nc - 1901911\_tech.nc -  
1901912 - Existing NetCDF files  
File : 1901912\_meta.nc - 1901912\_prof.nc - 1901912\_tech.nc -  
1901914 - Existing NetCDF files  
File : 1901914\_meta.nc - 1901914\_prof.nc - 1901914\_tech.nc -

1901915 - Existing NetCDF files  
File : 1901915\_meta.nc - 1901915\_prof.nc - 1901915\_tech.nc -  
1901916 - Existing NetCDF files  
File : 1901916\_meta.nc - 1901916\_prof.nc - 1901916\_tech.nc -  
1901917 - Existing NetCDF files  
File : 1901917\_meta.nc - 1901917\_prof.nc - 1901917\_tech.nc -  
1902079 - Existing NetCDF files  
File : 1902079\_meta.nc - 1902079\_prof.nc - 1902079\_tech.nc -  
1902080 - Existing NetCDF files  
File : 1902080\_meta.nc - 1902080\_prof.nc - 1902080\_tech.nc -  
2901892 - Existing NetCDF files  
File : 2901892\_meta.nc - 2901892\_prof.nc - 2901892\_tech.nc -  
2901893 - Existing NetCDF files  
File : 2901893\_meta.nc - 2901893\_prof.nc - 2901893\_tech.nc -  
2901894 - Existing NetCDF files  
File : 2901894\_meta.nc - 2901894\_prof.nc - 2901894\_tech.nc -  
2901895 - Existing NetCDF files  
File : 2901895\_meta.nc - 2901895\_prof.nc - 2901895\_tech.nc -  
2901896 - Existing NetCDF files  
File : 2901896\_meta.nc - 2901896\_prof.nc - 2901896\_tech.nc -  
2901897 - Existing NetCDF files  
File : 2901897\_meta.nc - 2901897\_prof.nc - 2901897\_tech.nc -  
2901898 - Existing NetCDF files  
File : 2901898\_meta.nc - 2901898\_prof.nc - 2901898\_tech.nc -  
2901899 - Existing NetCDF files  
File : 2901899\_meta.nc - 2901899\_prof.nc - 2901899\_tech.nc -  
2901900 - Existing NetCDF files  
File : 2901900\_meta.nc - 2901900\_prof.nc - 2901900\_tech.nc -  
2901902 - Existing NetCDF files  
File : 2901902\_meta.nc - 2901902\_prof.nc - 2901902\_tech.nc -  
2901903 - Existing NetCDF files  
File : 2901903\_meta.nc - 2901903\_prof.nc - 2901903\_tech.nc -  
2901904 - Existing NetCDF files  
File : 2901904\_meta.nc - 2901904\_prof.nc - 2901904\_tech.nc -  
2901905 - Existing NetCDF files  
File : 2901905\_meta.nc - 2901905\_prof.nc - 2901905\_tech.nc -  
3900538 - Existing NetCDF files  
File : 3900538\_meta.nc - 3900538\_prof.nc - 3900538\_tech.nc -  
3900559 - Existing NetCDF files  
File : 3900559\_meta.nc - 3900559\_prof.nc - 3900559\_tech.nc -  
3900560 - Existing NetCDF files  
File : 3900560\_meta.nc - 3900560\_prof.nc - 3900560\_tech.nc -  
3901488 - Existing NetCDF files  
File : 3901488\_meta.nc - 3901488\_prof.nc - 3901488\_tech.nc -



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 : 3008**

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  
File : 5905411\_meta.nc - 5905411\_prof.nc - 5905411\_tech.nc -  
5905412 - Existing NetCDF files  
File : 5905412\_meta.nc - 5905412\_prof.nc - 5905412\_tech.nc -

5905413 - Existing NetCDF files  
File : 5905413\_meta.nc - 5905413\_prof.nc - 5905413\_tech.nc -  
5905419 - Existing NetCDF files  
File : 5905419\_meta.nc - 5905419\_prof.nc - 5905419\_tech.nc -  
5905420 - Existing NetCDF files  
File : 5905420\_meta.nc - 5905420\_prof.nc - 5905420\_tech.nc -  
5905421 - Existing NetCDF files  
File : 5905421\_meta.nc - 5905421\_prof.nc - 5905421\_tech.nc -  
5905430 - Existing NetCDF files  
File : 5905430\_meta.nc - 5905430\_prof.nc - 5905430\_tech.nc -  
5905431 - Existing NetCDF files  
File : 5905431\_meta.nc - 5905431\_prof.nc - 5905431\_tech.nc -  
5905432 - Existing NetCDF files  
File : 5905432\_meta.nc - 5905432\_prof.nc - 5905432\_tech.nc -  
5905454 - Existing NetCDF files  
File : 5905454\_meta.nc - 5905454\_prof.nc - 5905454\_tech.nc -  
7900638 - Existing NetCDF files  
File : 7900638\_meta.nc - 7900638\_prof.nc - 7900638\_tech.nc -  
7900639 - Existing NetCDF files  
File : 7900639\_meta.nc - 7900639\_prof.nc - 7900639\_tech.nc -  
7900640 - Existing NetCDF files  
File : 7900640\_meta.nc - 7900640\_prof.nc - 7900640\_tech.nc -  
7900641 - Existing NetCDF files  
File : 7900641\_meta.nc - 7900641\_prof.nc - 7900641\_tech.nc -  
7900642 - Existing NetCDF files  
File : 7900642\_meta.nc - 7900642\_prof.nc - 7900642\_tech.nc -  
7900643 - Existing NetCDF files  
File : 7900643\_meta.nc - 7900643\_prof.nc - 7900643\_tech.nc -  
7900646 - Existing NetCDF files  
File : 7900646\_meta.nc - 7900646\_prof.nc - 7900646\_tech.nc -  
7900647 - Existing NetCDF files  
File : 7900647\_meta.nc - 7900647\_prof.nc - 7900647\_tech.nc -  
7900648 - Existing NetCDF files  
File : 7900648\_meta.nc - 7900648\_prof.nc - 7900648\_tech.nc -  
7900649 - Existing NetCDF files  
File : 7900649\_meta.nc - 7900649\_prof.nc - 7900649\_tech.nc -  
7900650 - Existing NetCDF files  
File : 7900650\_meta.nc - 7900650\_prof.nc - 7900650\_tech.nc -  
7900651 - Existing NetCDF files  
File : 7900651\_meta.nc - 7900651\_prof.nc - 7900651\_tech.nc -  
7900891 - Existing NetCDF files  
File : 7900891\_meta.nc - 7900891\_prof.nc - 7900891\_tech.nc -  
7900892 - Existing NetCDF files  
File : 7900892\_meta.nc - 7900892\_prof.nc - 7900892\_tech.nc -

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

7900899 - Existing NetCDF files

File : 7900899\_meta.nc - 7900899\_prof.nc - 7900899\_tech.nc -

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

## 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

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

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

2902252 - Existing NetCDF files  
File : 2902252\_meta.nc - 2902252\_prof.nc - 2902252\_tech.nc -

2902253 - Existing NetCDF files  
File : 2902253\_meta.nc - 2902253\_prof.nc - 2902253\_tech.nc -

2902254 - Existing NetCDF files  
File : 2902254\_meta.nc - 2902254\_prof.nc - 2902254\_tech.nc -

2902255 - Existing NetCDF files  
File : 2902255\_meta.nc - 2902255\_prof.nc - 2902255\_tech.nc -

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

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

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

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

2902260 - Existing NetCDF files  
File : 2902260\_meta.nc - 2902260\_prof.nc - 2902260\_tech.nc -

2902261 - Existing NetCDF files  
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2902262 - Existing NetCDF files  
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2902265 - Existing NetCDF files  
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2902266 - Existing NetCDF files  
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2902267 - Existing NetCDF files  
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2902268 - Existing NetCDF files  
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2902269 - Existing NetCDF files  
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2902278 - Existing NetCDF files  
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2902279 - Existing NetCDF files  
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2902280 - Existing NetCDF files  
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2902281 - Existing NetCDF files  
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2902282 - Existing NetCDF files  
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2902283 - Existing NetCDF files  
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2902286 - Existing NetCDF files  
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2902287 - Existing NetCDF files  
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2902290 - Existing NetCDF files  
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2902292 - Existing NetCDF files  
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2902293 - Existing NetCDF files  
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2902300 - Existing NetCDF files  
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2902301 - Existing NetCDF files  
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2902302 - Existing NetCDF files  
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2902303 - Existing NetCDF files  
File : 2902303\_meta.nc - 2902303\_prof.nc - 2902303\_tech.nc -

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

## 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

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

-Others : 8 floats

need further investigation

For some floats :

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

See below the list of floats with existing nc files :

**DAC name : jma – Number of floats : 1759**

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  
File : 2900962\_meta.nc - 2900962\_prof.nc - 2900962\_tech.nc -

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

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

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

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

2902509 - Existing NetCDF files  
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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  
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2902977 - Existing NetCDF files  
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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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2903176 - Existing NetCDF files  
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2903209 - Existing NetCDF files  
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2903402 - Existing NetCDF files  
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2903605 - Existing NetCDF files  
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2903606 - Existing NetCDF files  
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4900293 - Existing NetCDF files  
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4902380 - Existing NetCDF files  
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5901582 - Existing NetCDF files  
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5904937 - Existing NetCDF files  
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5905218 - Existing NetCDF files  
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7900024 - Existing NetCDF files

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7900025 - Existing NetCDF files

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7900599 - Existing NetCDF files

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7900600 - Existing NetCDF files

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7900601 - Existing NetCDF files  
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7900691 - Existing NetCDF files  
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7900863 - Existing NetCDF files  
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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