



Warning Objective Analysis

February 2013

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Coriolis

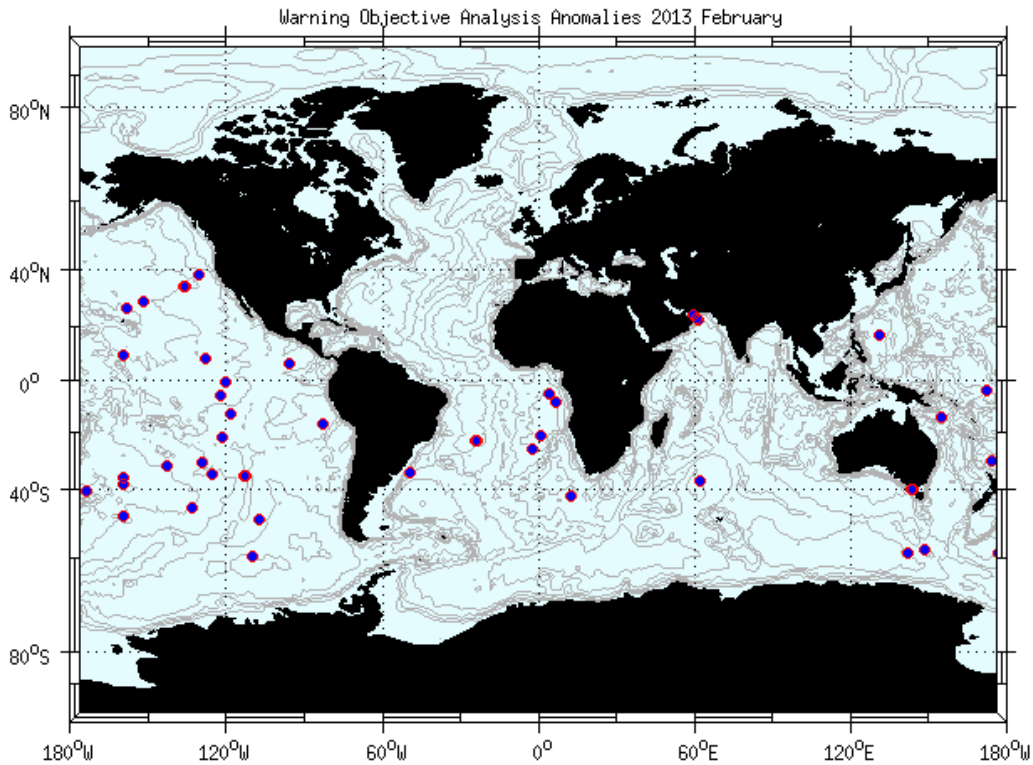
Anomalies by DAC

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1. DAC AOML

Profiles detected by the objective analysis: 55

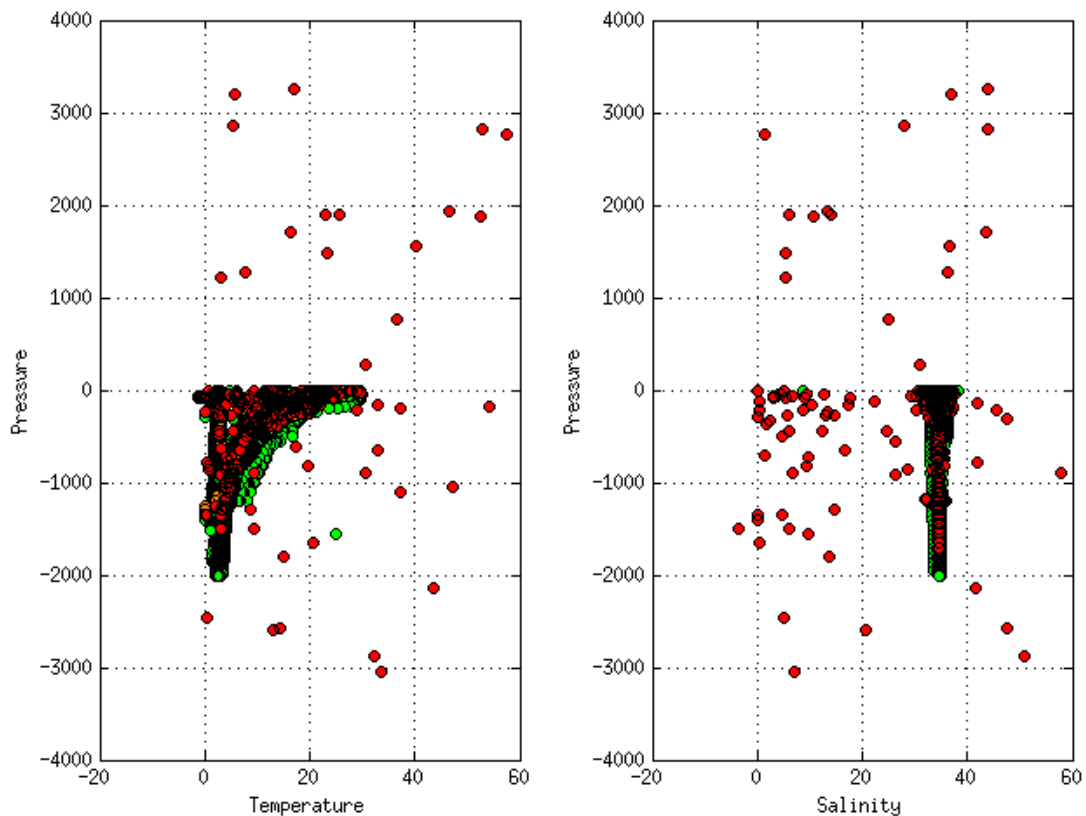


Status of corrections: DONE for most of the profiles

Float : 1901002 - Cycle : 116 - PI : Breck Owens - Data mode : R - INST REF : SOLOIR_SBE_0944 - Date : 2013 2 12
Float : 1901600 - Cycle : 14 - PI : Breck Owens - Data mode : R - INST REF : SOLO2IR_SBE_7051 - Date : 2013 2 11
Float : 1901637 - Cycle : 3 - PI : Breck Owens - Data mode : R - INST REF : SOLO2IR_SBE_7062 - Date : 2013 1 29
Float : 1901641 - Cycle : 6 - PI : Breck Owens - Data mode : R - INST REF : SOLO2IR_SBE_7067 - Date : 2013 2 14
Float : 2901418 - Cycle : 49 - PI : CARL SZCZECOWSKI - Data mode : A - INST REF : APEX_SBE_5910 - Date : 2013 1 28
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Float : 2901431 - Cycle : 78 - PI : CARL SZCZECOWSKI - Data mode : R - INST REF : APEX_SBE_5511 - Date : 2013 2 2
Float : 2901431 - Cycle : 79 - PI : CARL SZCZECOWSKI - Data mode : A - INST REF : APEX_SBE_5511 - Date : 2013 2 6
Float : 2901431 - Cycle : 82 - PI : CARL SZCZECOWSKI - Data mode : A - INST REF : APEX_SBE_5511 - Date : 2013 2 18
Float : 3900650 - Cycle : 192 - PI : MAURICIO M. MATA - Data mode : R - INST REF : SOLO_SBE_SL676 - Date : 2013 2 1
Float : 3900650 - Cycle : 193 - PI : MAURICIO M. MATA - Data mode : R - INST REF : SOLO_SBE_SL676 - Date : 2013 2 11
Float : 3900702 - Cycle : 160 - PI : DEAN ROEMMICH - Data mode : R - INST REF : SOLO_SBE_2808 - Date : 2013 2 13
Float : 3900715 - Cycle : 233 - PI : Robert A. Weller - Data mode : R - INST REF : SOLOIR_SBE_0856 - Date : 2013 2 2
Float : 3900715 - Cycle : 234 - PI : Robert A. Weller - Data mode : R - INST REF : SOLOIR_SBE_0856 - Date : 2013 2 12
Float : 3900844 - Cycle : 186 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_3102 - Date : 2013 2 11
Float : 3901119 - Cycle : 27 - PI : DEAN ROEMMICH - Data mode : R - INST REF : SOLO2IR_SBE_8086 - Date : 2013 1 31
Float : 4900853 - Cycle : 159 - PI : GREGORY C. JOHNSON - Data mode : R - INST REF : APEX_SBE_3966 - Date : 2013 2 18
Float : 4901016 - Cycle : 151 - PI : BRECK OWENS - Data mode : R - INST REF : SOLO_SBE_SL883 - Date : 2013 2 15
Float : 5900665 - Cycle : 292 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_1592 - Date : 2013 2 5
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Warning Objective Analysis Anomalies 2013 February TEMP PSAL - DAC AO



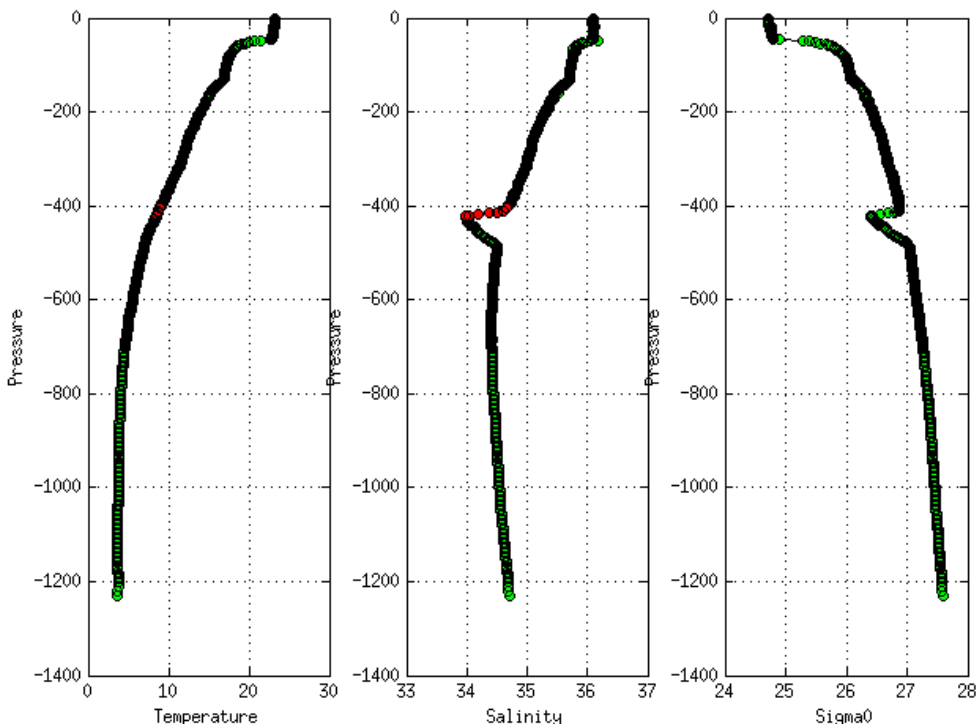
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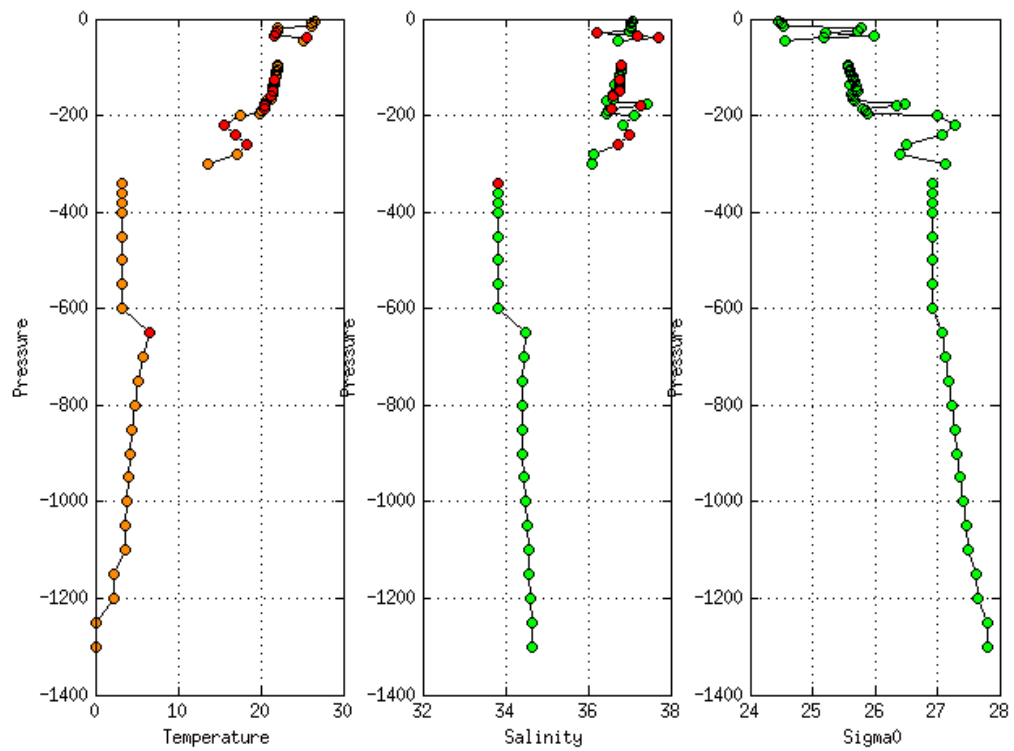
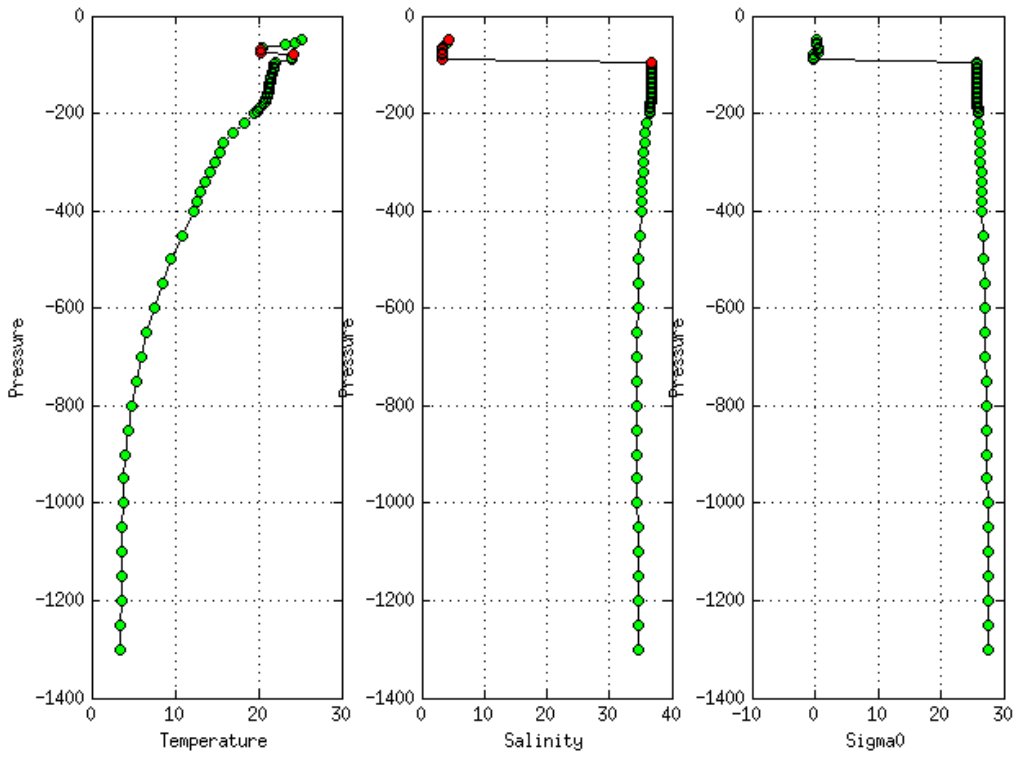
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 AO,3900715,234,12/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28590872 ,PSAL,18,22,1,4
 AO,3900715,234,12/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28590872 ,PSAL,126,140,1,4
 AO,3900715,234,12/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28590872 ,PSAL,152,152,1,4
 AO,5903429,7,13/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28607152 ,PSAL,9.7,9.7,1,4
 AO,5903348,80,15/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28619295 ,PSAL,9.9,1947.9,1,3
 AO,1901641,6,15/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28620832 ,PSAL,20,24,1,4
 AO,4901016,151,16/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28622050 ,PSAL,5,10,1,4
 AO,4901016,151,16/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28622050 ,PSAL,20,45,1,4
 AO,5903839,31,15/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28622109 ,PSAL,84,96,1,3
 AO,5903876,35,16/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28623818 ,PSAL,69,75,1,4
 AO,5901012,259,17/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28624726 ,PSAL,4.6,1202.5,1,3
 AO,2901418,54,18/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28627682 ,PSAL,85.2,85.2,1,4
 AO,5903585,48,18/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28639450 ,PSAL,30.5,50.8,1,3
 AO,5900709,279,19/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28627720 ,TEMP,877.3,877.3,1,4
 AO,5900673,293,19/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28640445 ,PSAL,4.9,1982.8,1,3
 AO,2901431,82,19/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28656332 ,PSAL,5,1099.5,1,3
 AO,4900853,159,19/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28656507 ,PSAL,98.9,98.9,1,4
 AO,5901321,242,19/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28657430 ,PSAL,58,61.9,1,4
 AO,5903977,9,21/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28660704 ,TEMP,289.6,289.6,1,4
 AO,4901016,151,16/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28622050 ,PSAL,5,10,1,4
 AO,4901016,151,16/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28622050 ,PSAL,20,45,1,4
 AO,5903839,31,15/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28622109 ,PSAL,84,96,1,3
 AO,5903876,35,16/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28623818 ,PSAL,69,75,1,4
 AO,5901012,259,17/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28624726 ,PSAL,4.6,1202.5,1,3
 AO,2901418,54,18/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28627682 ,PSAL,85.2,85.2,1,4

APEX to put on the grey list:

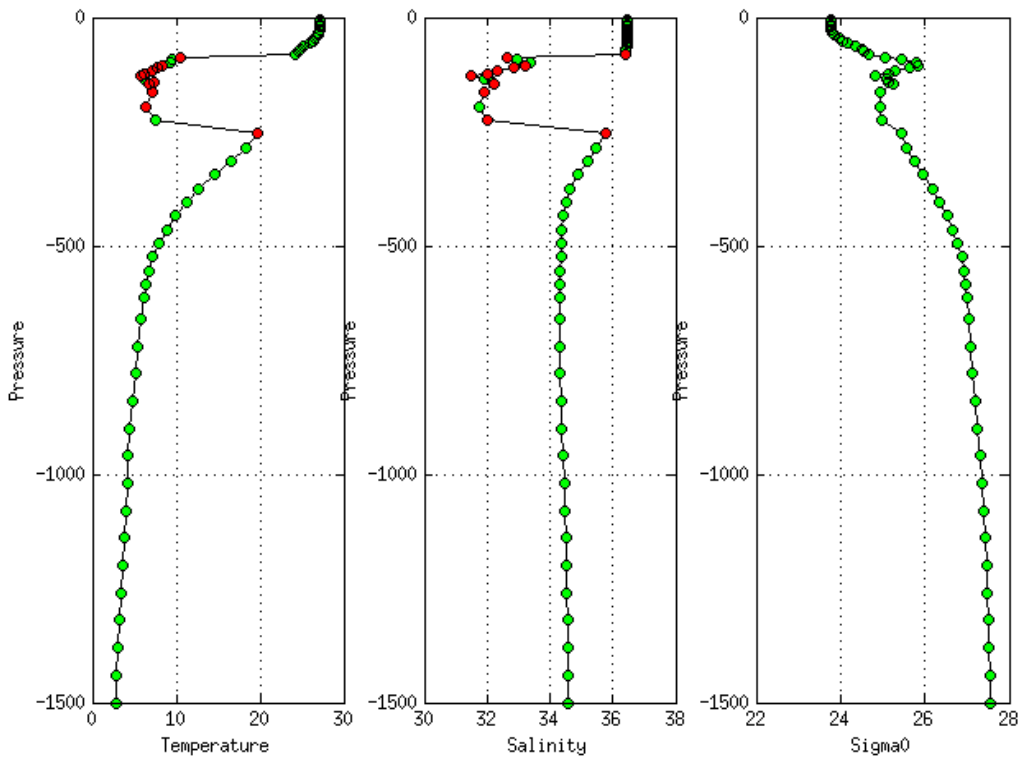
Example of corrections:

Warning Objective Analysis Anomalies 2013 February TEMP PSAL : DAC AO- Float 1901002-116

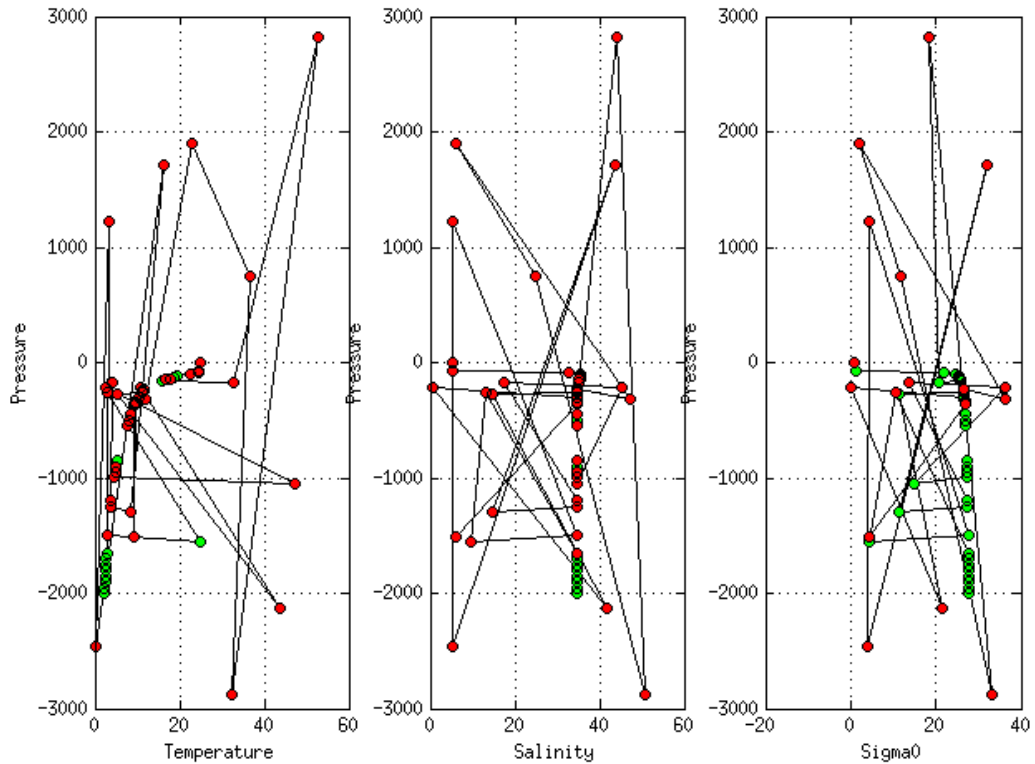




Warning Objective Analysis Anomalies 2013 February TEMP PSAL : DAC A0- Float 3900702-160



Warning Objective Analysis Anomalies 2013 February TEMP PSAL : DAC A0- Float 3900844-186



2. DAC BODC

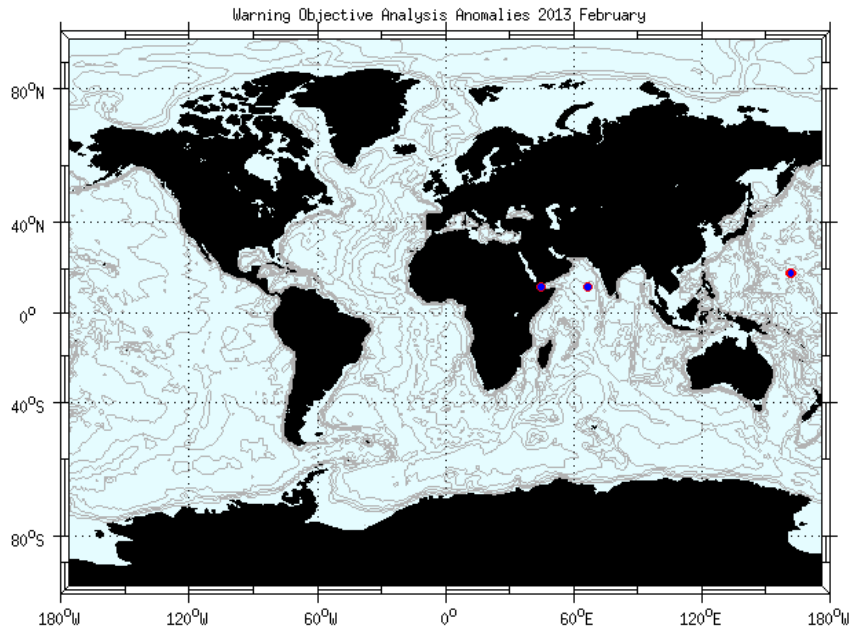
Profiles detected by the objective analysis: 0

Status of corrections:

Example of corrections:

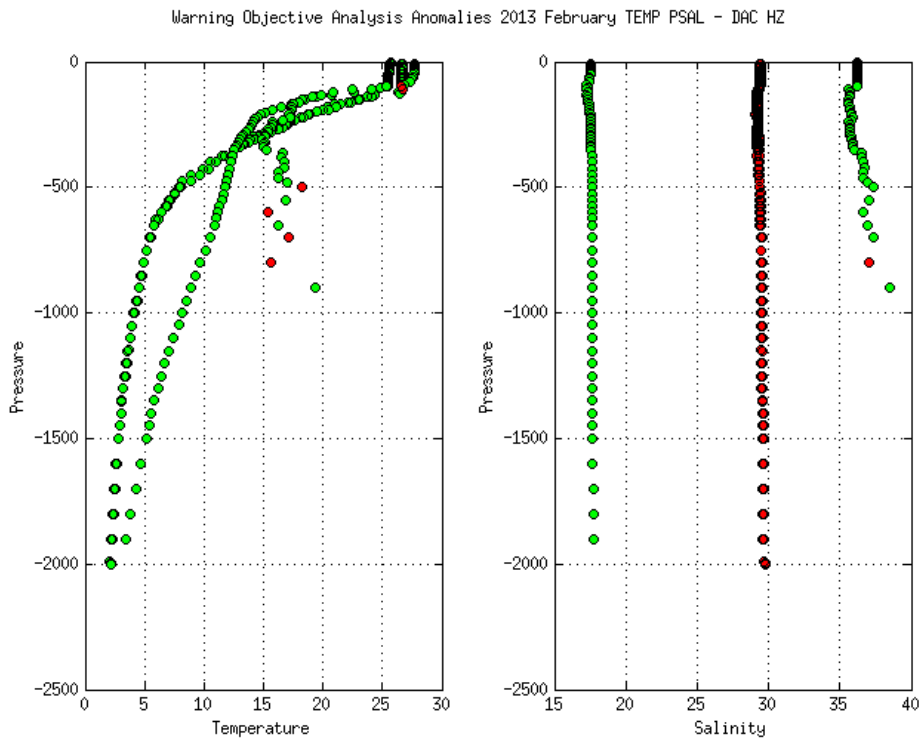
3. DAC CSIO

Profiles detected by the objective analysis: 4



Status of corrections: DONE for two profiles, no feedback

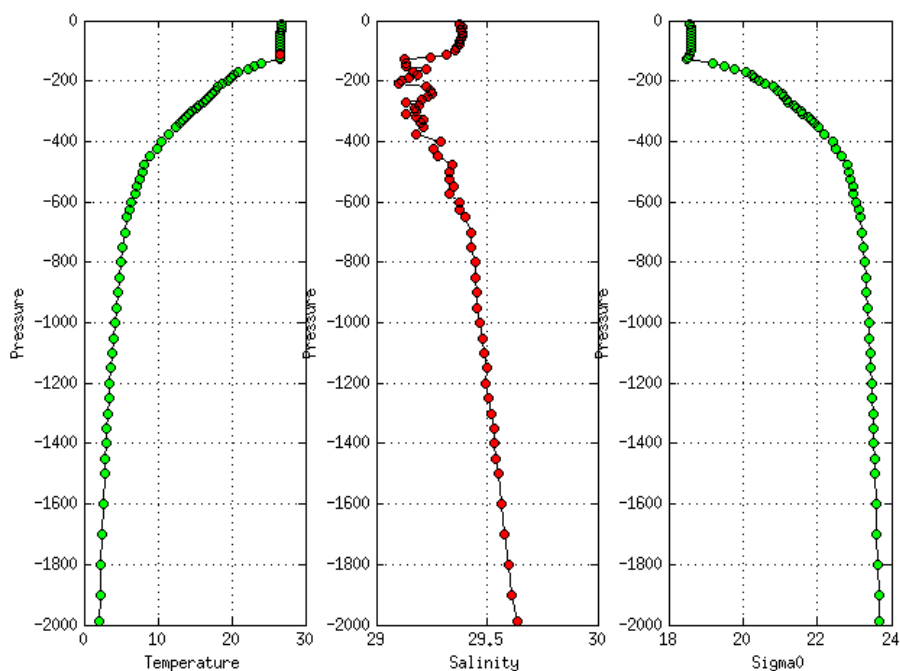
- Float : 2901489 - Cycle : 17 - PI : JIANPING XU - Data mode : R - INST REF : APEX_SBE_4826 - Date : 2013 2 11
- Float : 2901489 - Cycle : 18 - PI : JIANPING XU - Data mode : R - INST REF : APEX_SBE_4826 - Date : 2013 2 21
- Float : 2901507 - Cycle : 112 - PI : JIANPING XU - Data mode : R - INST REF : APEX_SBE_5679 - Date : 2013 2 13
- Float : 2901512 - Cycle : 46 - PI : JIANPING XU - Data mode : R - INST REF : APEX_SBE_5684 - Date : 2013 2 6



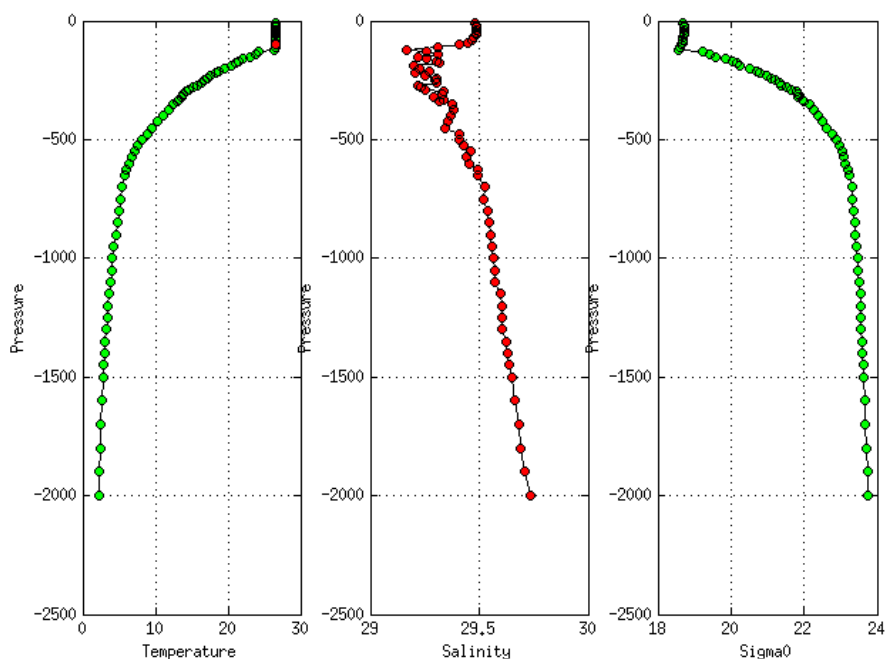
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
 HZ,2901512,46,07/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28552213 ,PSAL,6.1,1900,1,4
 HZ,2901489,17,11/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28586287 ,PSAL,10.2,99.3,1,4
 HZ,2901489,17,11/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28586287 ,PSAL,120,1987.5,1,4
 HZ,2901507,112,15/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28606989 ,PSAL,899.9,899.9,1,3
 HZ,2901507,112,15/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28606989 ,TEMP,899.9,899.9,1,3
 HZ,2901507,112,15/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28606989 ,PSAL,899.9,899.9,1,3
 HZ,2901507,112,15/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28606989 ,TEMP,899.9,899.9,1,3
 HZ,2901489,18,21/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28673073 ,PSAL,10.4,90.1,1,4
 HZ,2901489,18,21/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28673073 ,PSAL,110.3,2001.8,1,4

Example of corrections:

Warning Objective Analysis Anomalies 2013 February TEMP PSAL : DAC HZ- Float 2901489-17

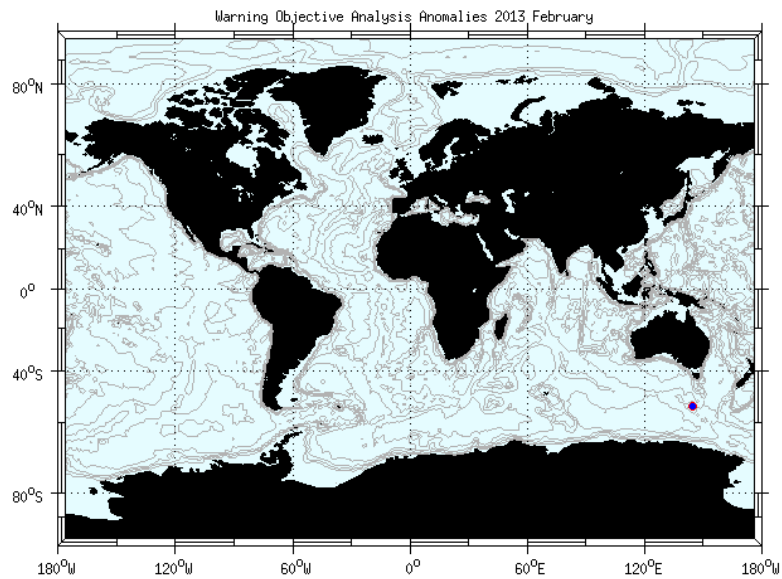


Warning Objective Analysis Anomalies 2013 February TEMP PSAL : DAC HZ- Float 2901489-18



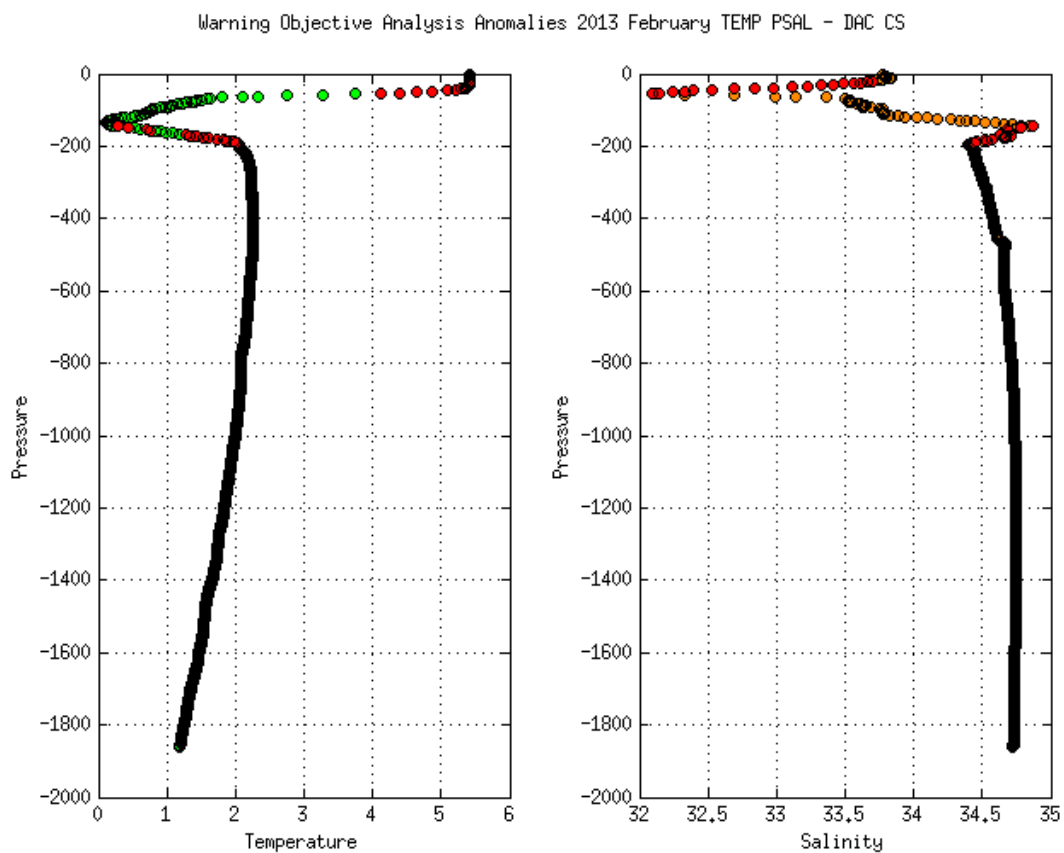
4. DAC CSIRO

Profiles detected by the objective analysis: 1



Status of corrections: DONE

Float : 5904233 - Cycle : 1 - PI : Susan Wijffels - Data mode : A - INST REF : APEX-SBE 6157 - Date : 2013 2 9

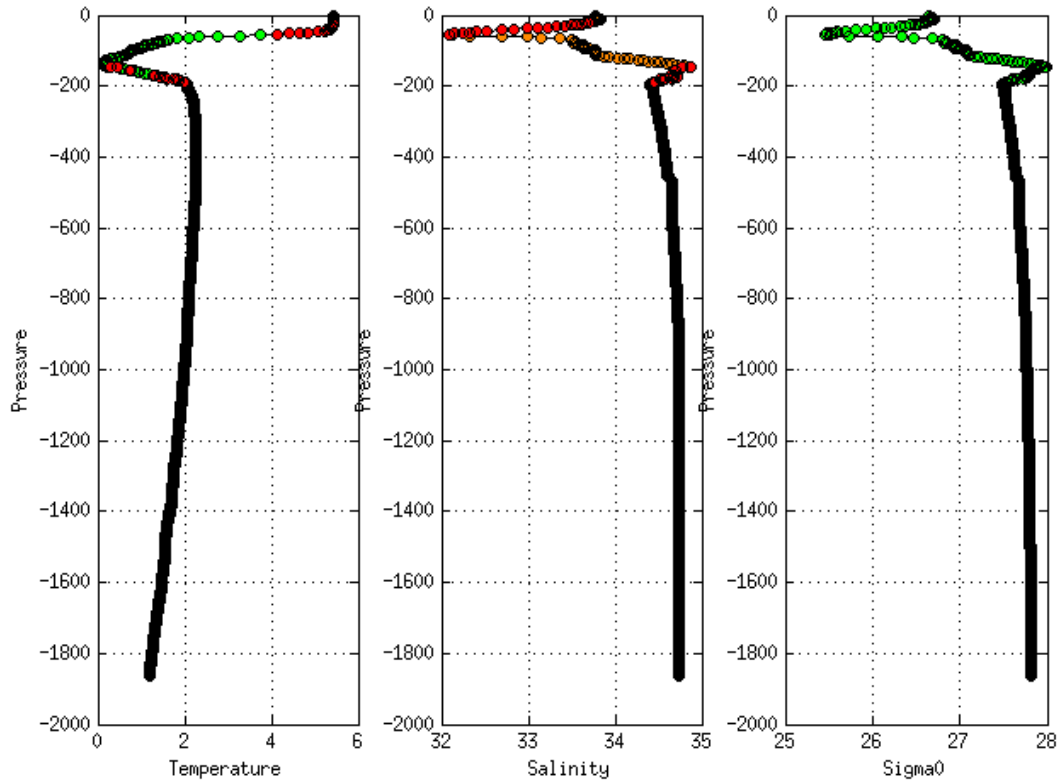


DAC_CODE, PLATFORM_CODE, CV_NUMBER, DATE_UPDATE, DIRECTION, WEB_URL, PARAMETER, START_IMMERSION, STOP_IMMERSION, OLD_QC, NEW_QC
CS, 5904233, 1, 10/02/2013 00:00:00, A, <http://www.ifremer.fr/WC2argoFloats/station?stationId=28571670>, PSAL, 56, 66, 1, 3
CS, 5904233, 1, 10/02/2013 00:00:00, A, <http://www.ifremer.fr/WC2argoFloats/station?stationId=28571670>, PSAL, 116, 144, 1, 3
CS, 5904233, 1, 10/02/2013 00:00:00, A, <http://www.ifremer.fr/WC2argoFloats/station?stationId=28571670>, PSAL, 150, 152, 1, 3

CS,5904233,1,10/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28571670 ,PSAL,158,166,1,3
CS,5904233,1,10/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28571670 ,PSAL,172,172,1,3
CS,5904233,1,10/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28571670 ,PSAL,186,186,1,3
CS,5904233,1,10/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28571670 ,PSAL,192,192,1,3

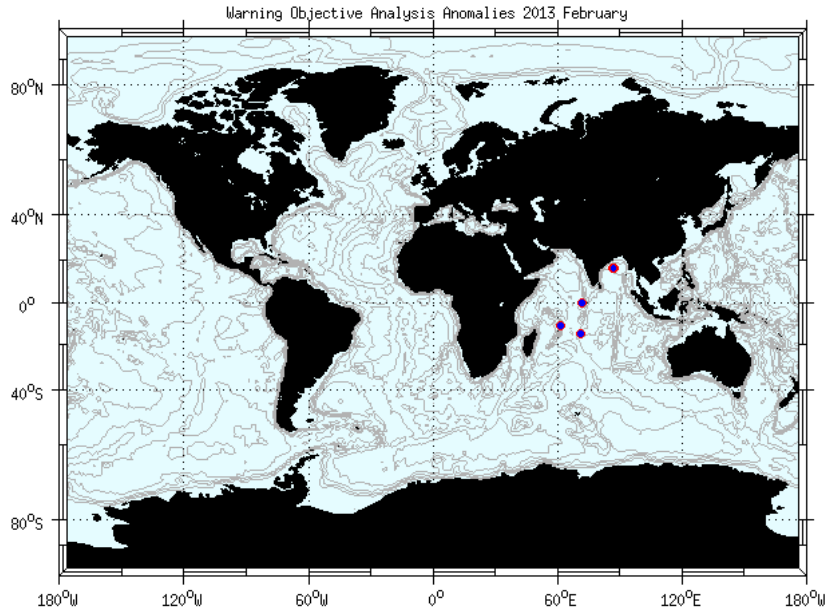
Example of corrections:

Warning Objective Analysis Anomalies 2013 February TEMP PSAL : DAC CS- Float 5904233-1



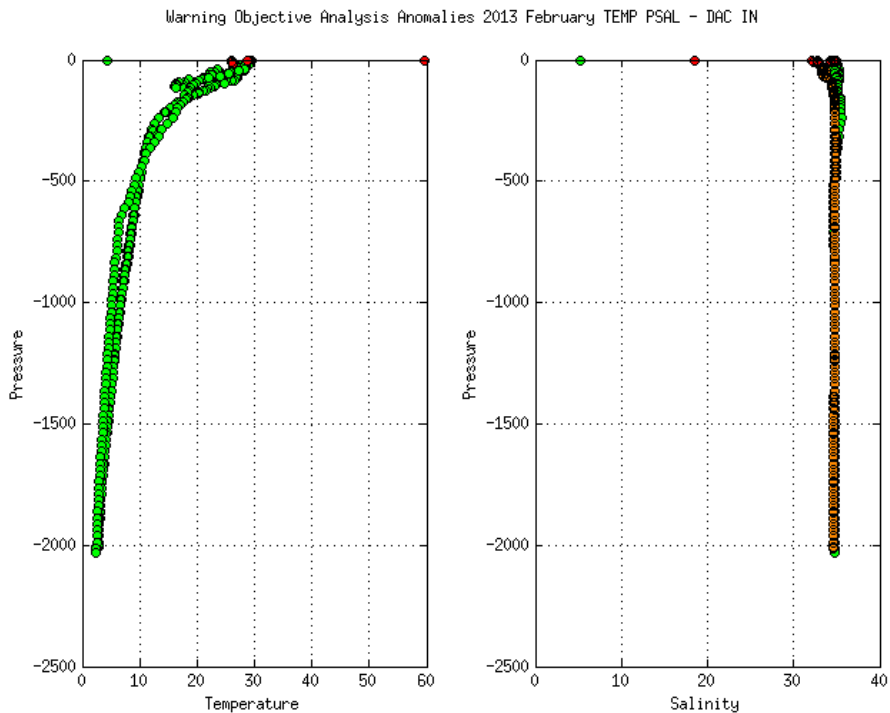
5. DAC INCOIS

Profiles detected by the objective analysis: 8



Status of corrections: Done for some profiles

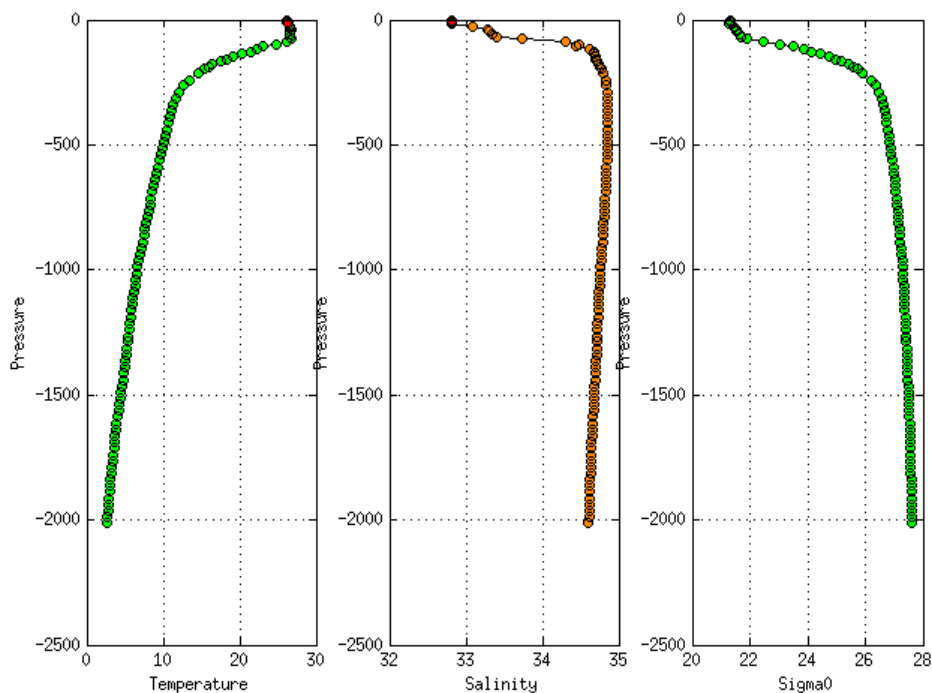
Float : 2900880 - Cycle : 197 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 2925 - Date : 2013 2 1
Float : 2901291 - Cycle : 166 - PI : M Ravichandran - Data mode : R - INST REF : APEX Profiling Float SBE - Date : 2013 2 16
Float : 2901291 - Cycle : 167 - PI : M Ravichandran - Data mode : R - INST REF : APEX Profiling Float SBE - Date : 2013 2 21
Float : 2901324 - Cycle : 120 - PI : M Ravichandran - Data mode : R - INST REF : PROVOR Profiling Float SBE - Date : 2013 2 5
Float : 2901324 - Cycle : 121 - PI : M Ravichandran - Data mode : R - INST REF : PROVOR Profiling Float SBE - Date : 2013 2 10
Float : 2901324 - Cycle : 122 - PI : M Ravichandran - Data mode : R - INST REF : PROVOR Profiling Float SBE - Date : 2013 2 15
Float : 2901324 - Cycle : 123 - PI : M Ravichandran - Data mode : R - INST REF : PROVOR Profiling Float SBE - Date : 2013 2 20
Float : 2902069 - Cycle : 23 - PI : M Ravichandran - Data mode : R - INST REF : ARVOR Profiling Float - Date : 2013 2 8



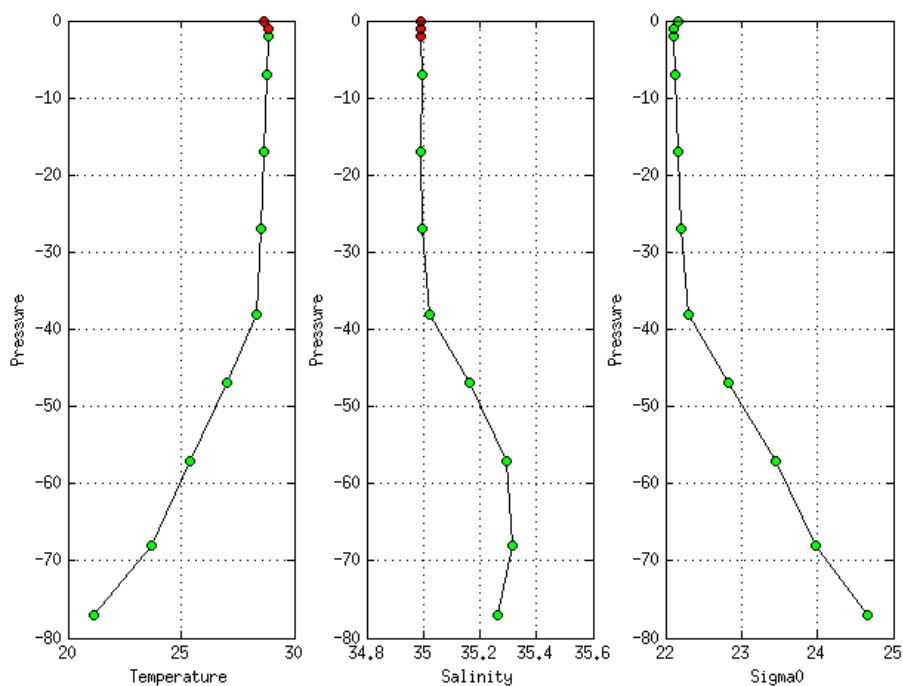
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
 IN,2900880,197,04/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28519520 ,PSAL,0,0,1,4
 IN,2900880,197,04/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28519520 ,TEMP,0,0,1,4
 IN,2901324,120,07/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28549582 ,TEMP,77,2,3,1
 IN,2902069,23,08/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28567669 ,TEMP,2033,0,0,1
 IN,2902069,23,08/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28567669 ,PSAL,2033,0,0,1
 IN,2901324,121,11/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28574470 ,TEMP,113,0,3,1
 IN,2901324,122,19/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28621829 ,TEMP,112,0,3,1
 IN,2901291,166,22/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28623490 ,PSAL,2011,27,1,3
 IN,2901324,123,22/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28661009 ,TEMP,113,0,3,1
 IN,2901291,167,22/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28673109 ,PSAL,2005,17,1,3

Example of corrections:

Warning Objective Analysis Anomalies 2013 February TEMP PSAL : DAC IN- Float 2901291-166



Warning Objective Analysis Anomalies 2013 February TEMP PSAL : DAC IN- Float 2901324-120



6. DAC JMA/JAMSTEC

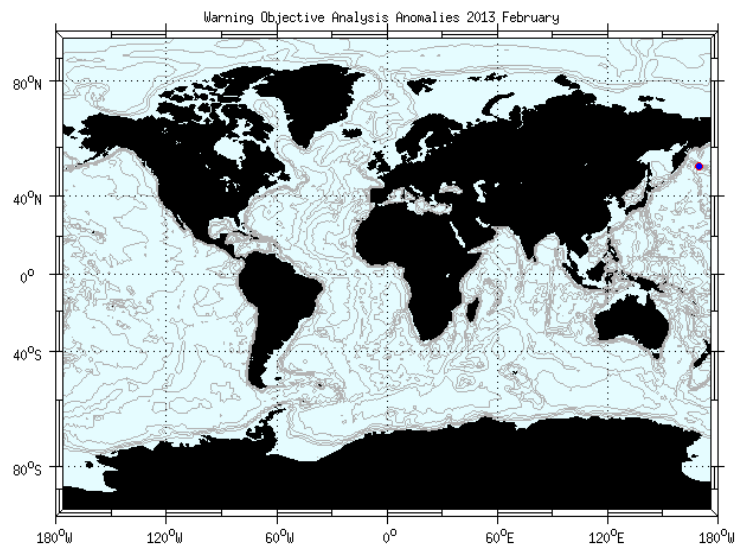
Profiles detected by the objective analysis: 0

Status of corrections:

Example of anomalies:

7. DAC KMA

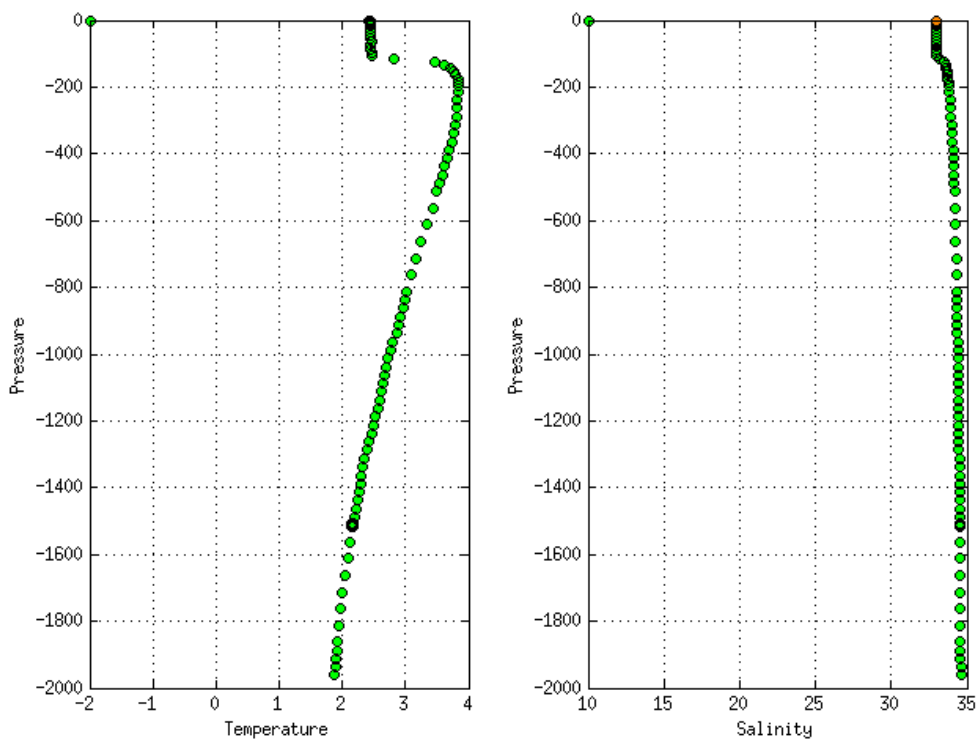
Profiles detected by the objective analysis: 1



Status of corrections: NOT DONE, NO FEEDBACK

Float : 2901700 - Cycle : 16 - PI : Sang-Boom Ryoo - Data mode : R - INST REF : APEX Profiling Float - Date : 2013 2 11

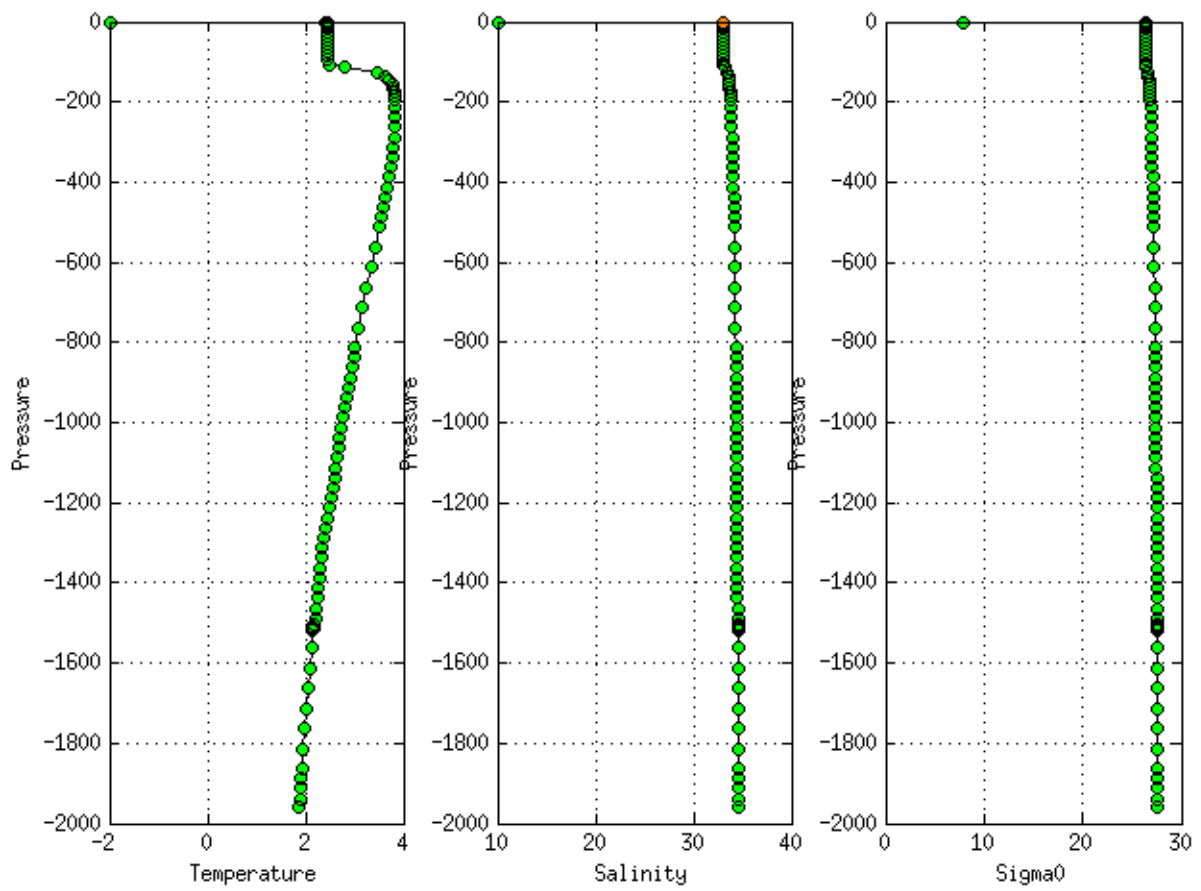
Warning Objective Analysis Anomalies 2013 February TEMP PSAL - DAC KM



DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
KM,2901700,16,13/02/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=28639962> ,PSAL,0,0,1,4
KM,2901700,16,13/02/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=28639962> ,TEMP,0,0,1,4

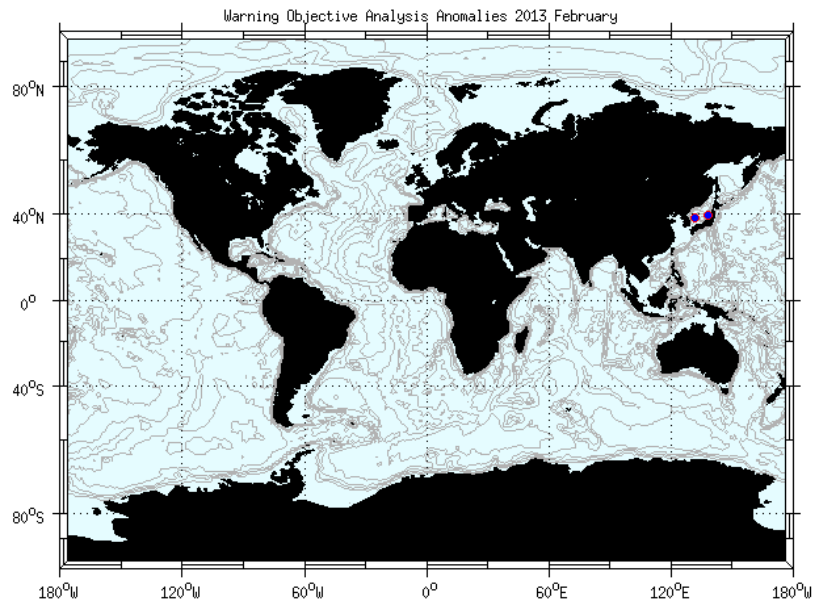
Example of anomalies: Anomalies = bad data in surface

Warning Objective Analysis Anomalies 2013 February TEMP PSAL : DAC KM- Float 2901700-16



8. DAC KORDI

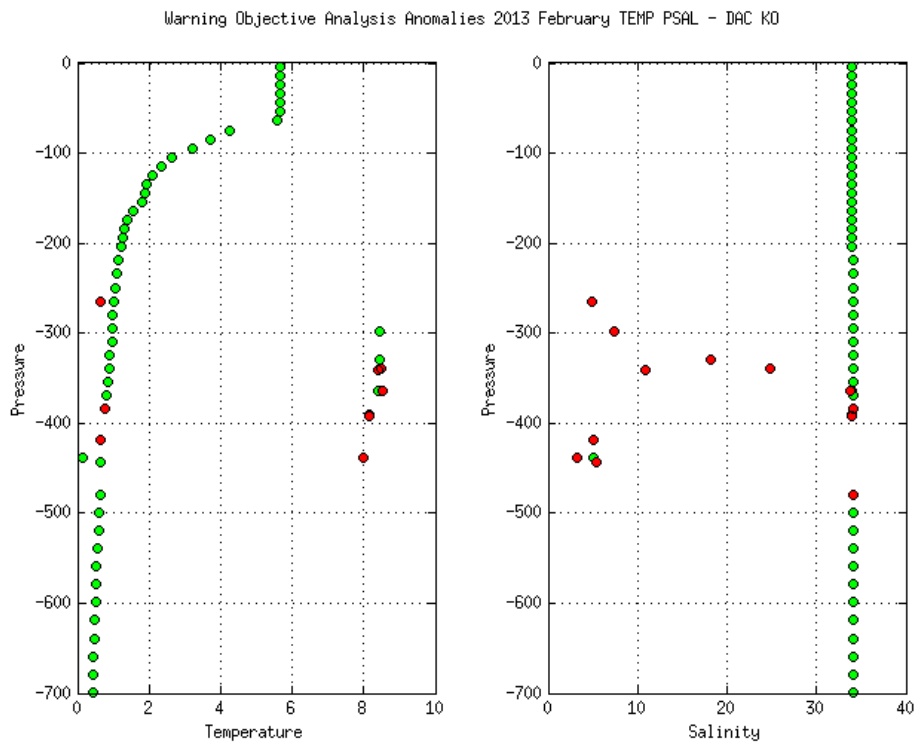
Profiles detected by the objective analysis: 2



Status of corrections: NOT DONE

Float : 2901209 - Cycle : 158 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 4112 - Date : 2013 2 8

Float : 2901210 - Cycle : 158 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 4113 - Date : 2013 2 8

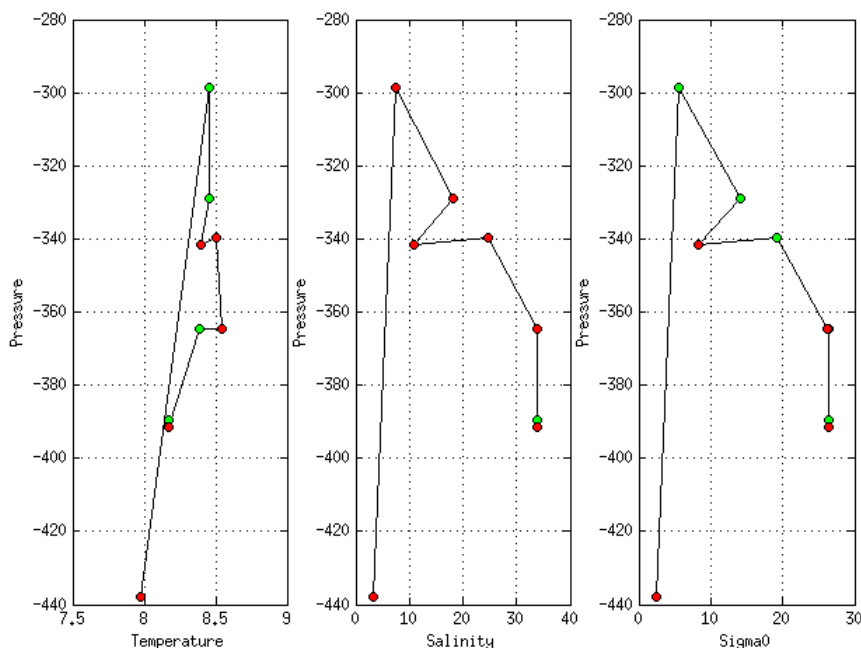


DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
KO,2901210,158,11/02/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=28568633> ,PSAL,438.7,438.7,1,4
KO,2901210,158,11/02/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=28568633> ,TEMP,438.7,438.7,1,4

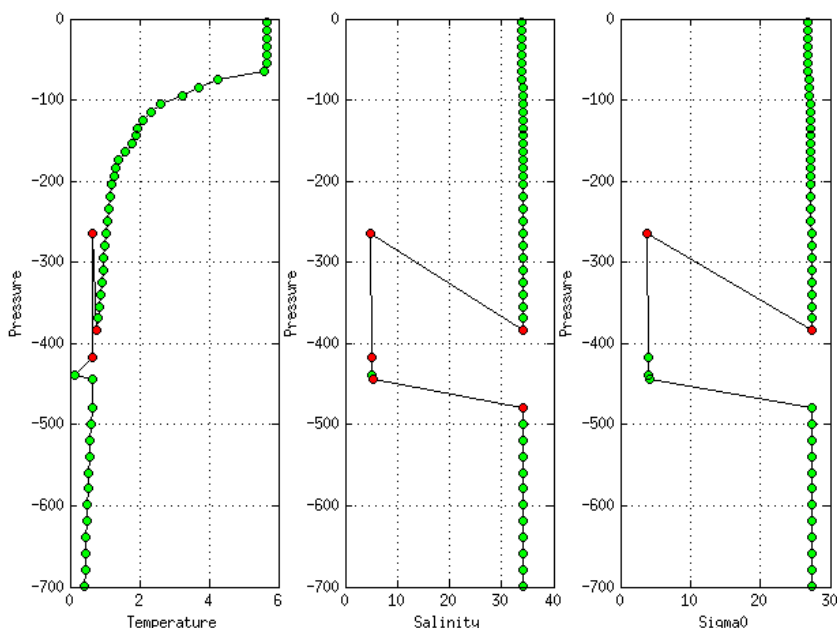
KO,2901209,158,12/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28571594 ,PSAL,364.6,364.6,1,4
 KO,2901209,158,12/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28571594 ,PSAL,389.7,389.7,1,4
 KO,2901209,158,12/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28571594 ,TEMP,298.5,328.8,1,4
 KO,2901209,158,12/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28571594 ,TEMP,364.6,364.6,1,4
 KO,2901209,158,12/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28571594 ,TEMP,389.7,389.7,1,4
 KO,2901210,158,11/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28568633 ,PSAL,438.7,438.7,1,4
 KO,2901210,158,11/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28568633 ,TEMP,438.7,438.7,1,4
 KO,2901209,158,12/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28571594 ,PSAL,364.6,364.6,1,4
 KO,2901209,158,12/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28571594 ,PSAL,389.7,389.7,1,4
 KO,2901209,158,12/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28571594 ,TEMP,298.5,328.8,1,4
 KO,2901209,158,12/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28571594 ,TEMP,364.6,364.6,1,4
 KO,2901209,158,12/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28571594 ,TEMP,389.7,389.7,1,4

Example of anomalies:

Warning Objective Analysis Anomalies 2013 February TEMP PSAL : DAC KO- Float 2901209-158

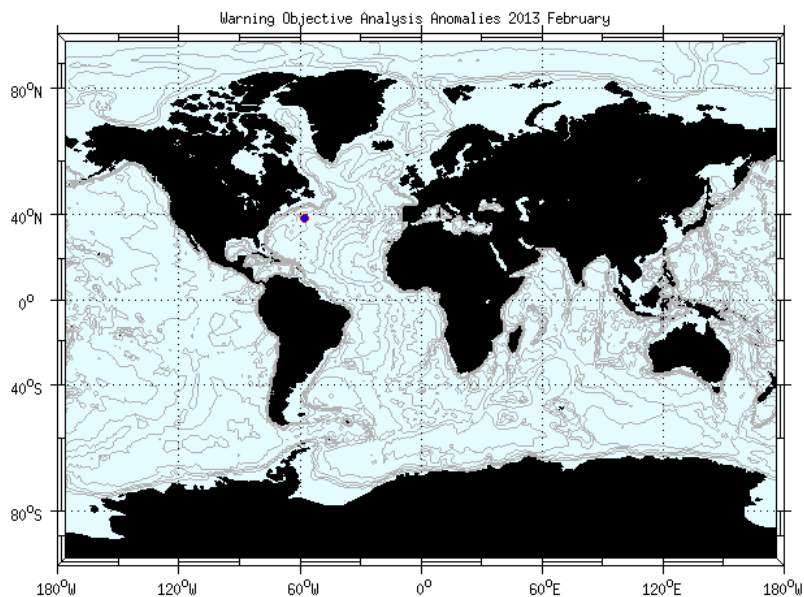


Warning Objective Analysis Anomalies 2013 February TEMP PSAL : DAC KO- Float 2901210-158



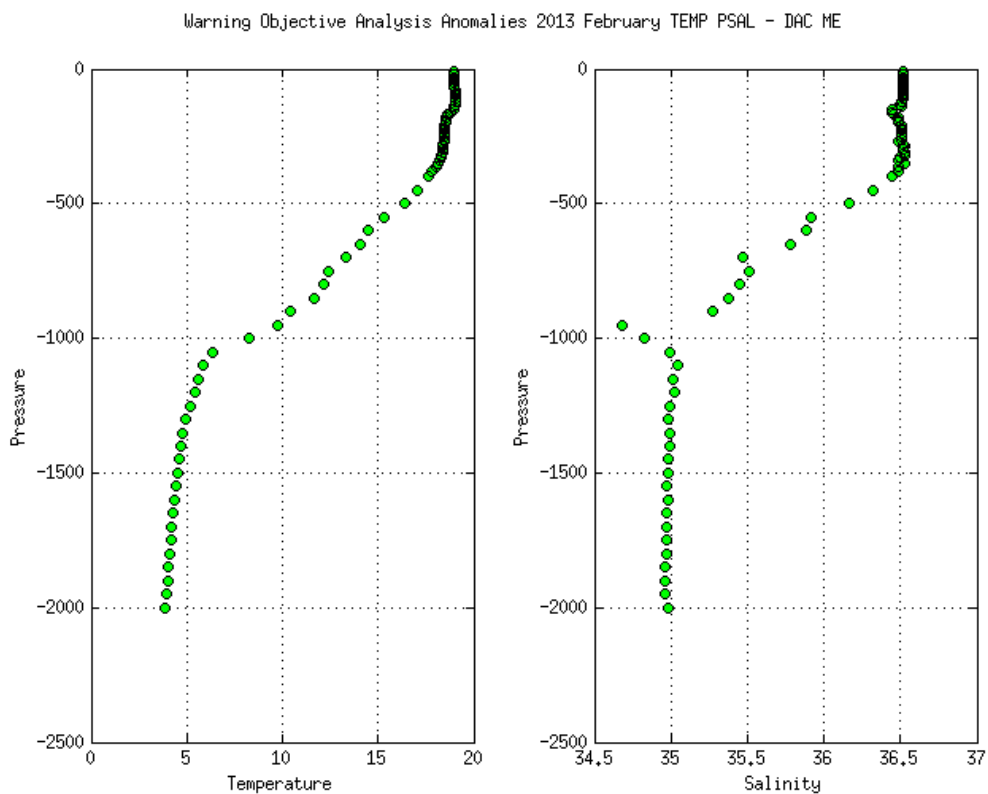
9. DAC MEDS

Profiles detected by the objective analysis: 1



Status of corrections: NOT DONE

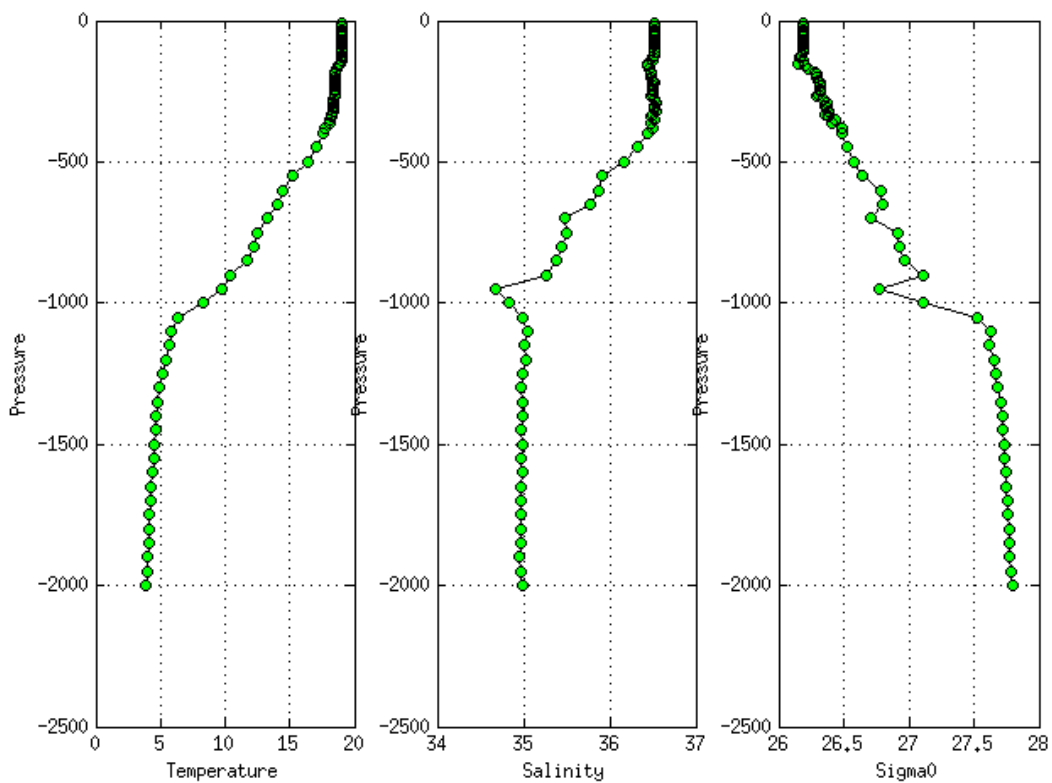
Float : 4901149 - Cycle : 103 - PI : Howard Freeland - Data mode : A - INST REF : Webb Research APEX-SBE 4955 - Date : 2013 2 17



DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
ME,4901149,103,18/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28629714 ,PSAL,949.6,1000.1,1,4
ME,4901149,103,18/02/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=28629714 ,PSAL,949.6,1000.1,1,4

Example of anomalies:

Warning Objective Analysis Anomalies 2013 February TEMP PSAL : DAC ME- Float 4901149-103



10. DAC NMDIS

Profiles detected by the objective analysis: 0

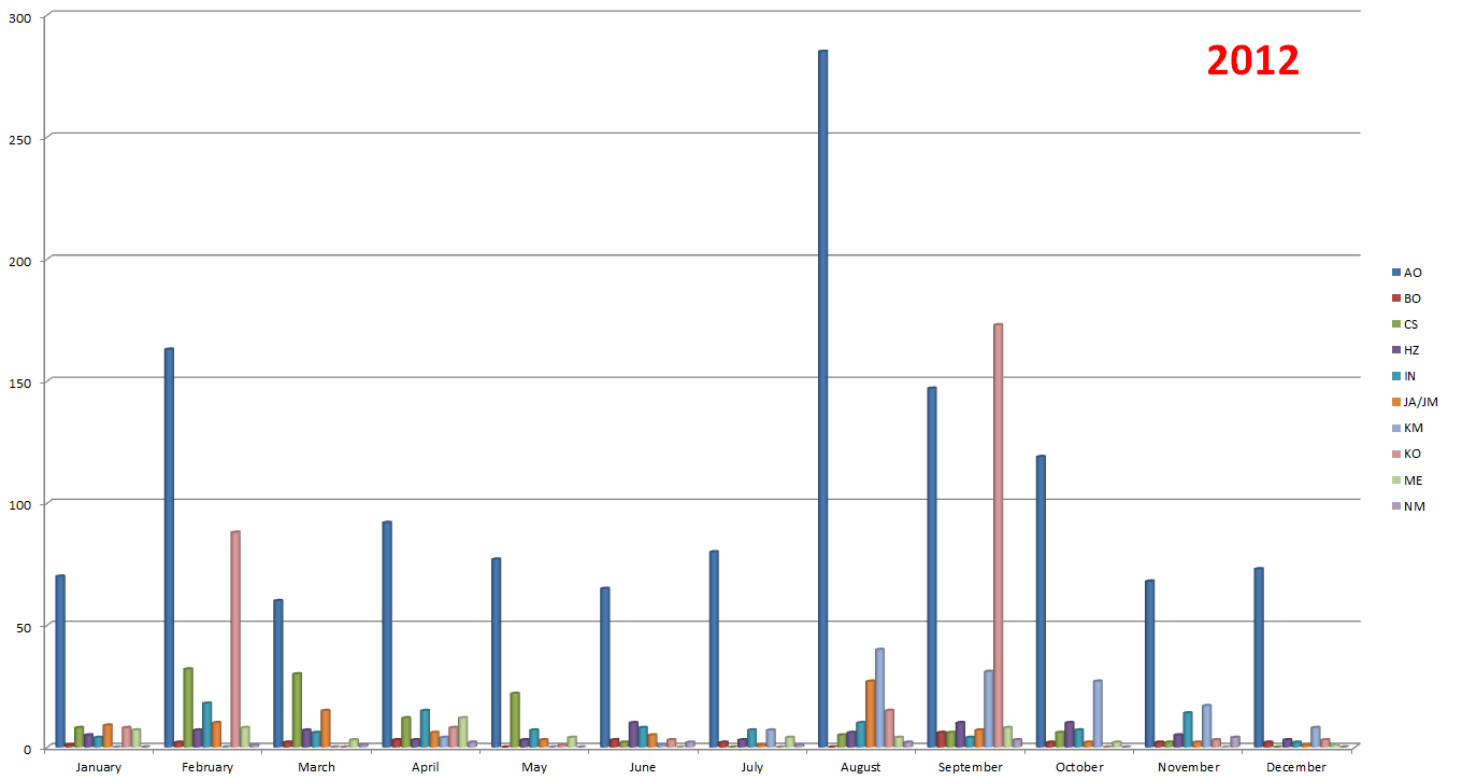
Status of corrections:

Example of anomalies:

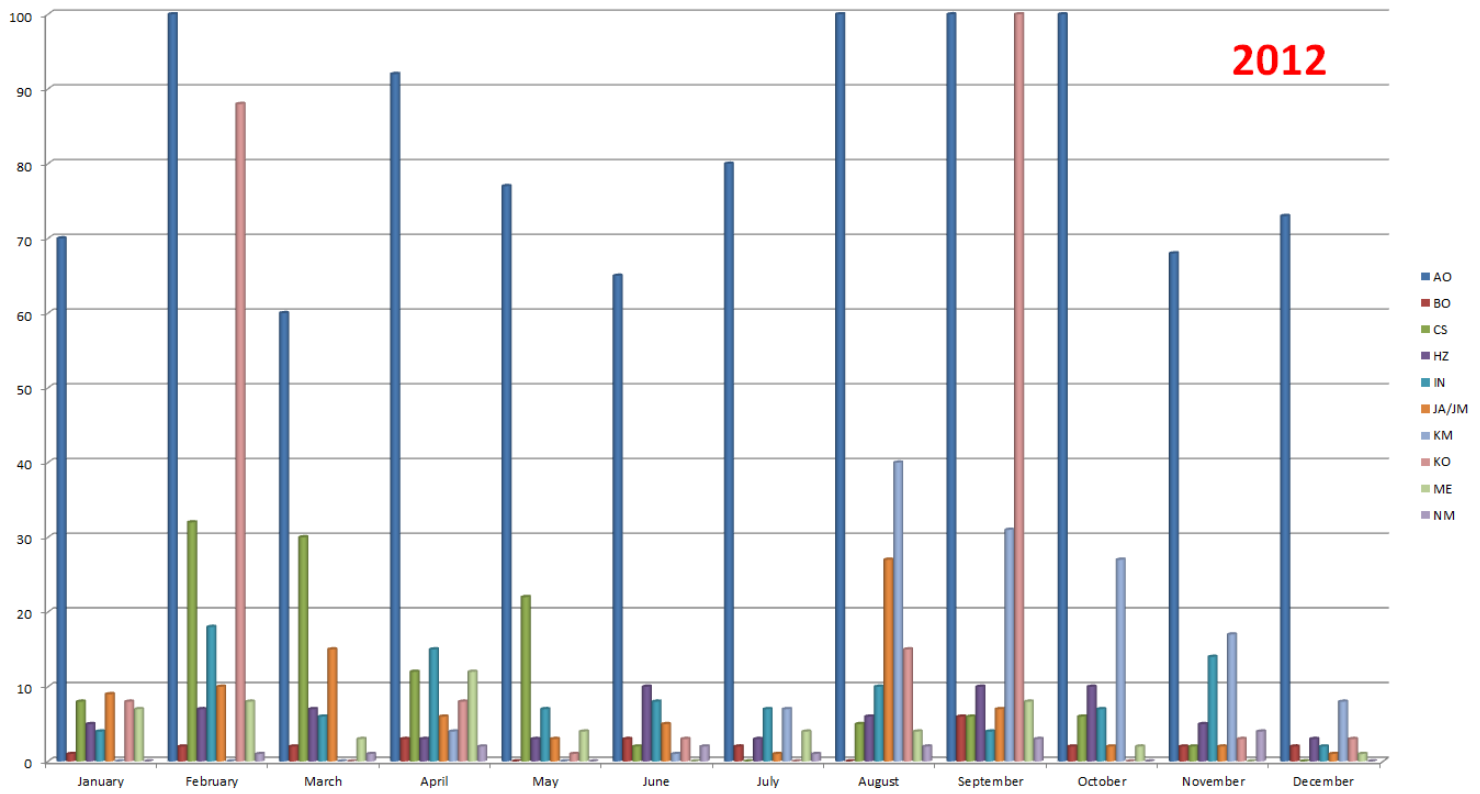
11. Statistics

Plots showing number of anomalies. In 2012, additional works have been done in February and August/September for delayed mode objective analysis. It's why we can observe more anomalies for those periods.

11.1. Year



Year 2012 with a zoom on range 0-100 for number of anomalies:



11.2. DAC

