**Argo - Report templates**

This document contains information to produce reports for the Argo facility.

Number of data reports: 3.

# 1. Argo

## 1.1 Data summary

### Filename: ‘Argo\_Summary’

### Description: ‘Data summary’

View to use:

|  |  |
| --- | --- |
| **Server** | dbprod.emii.org.au |
| **Database** | harvest |
| **Schema** | reporting |
| **View** | argo\_data\_summary\_view |

Filters: None, all filters have already been applied.

Data sorting options: None, data are already sorted.

Data grouping options: None.

Total: Calculate the total number of organisations deploying Argo floats, the total number of Argo floats, Argo floats with oxygen sensors, active Argo floats, active Argo floats with oxygen sensors, the total number of profiles and measurements. Also compute the temporal, latitudinal, and longitudinal range of those data. *Use the following view: ‘totals\_view’; filter by: ‘facility’ = ‘Argo’.*

***Total number of organisations (‘no\_projects’): XX  
Total number of Argo floats (‘no\_platforms’): XX  
Total number of active Argo floats (‘no\_deployments’): XX  
Total number of Argo floats with oxygen sensors (‘no\_instruments’): XX  
Total number of active Argo floats with oxygen sensors (‘no\_data’): XX  
Total number of profiles (‘no\_data2’): XX  
Total number of measurements (‘no\_data3’): XX  
Temporal range (‘temporal\_range’): XX  
Latitudinal range (‘lat\_range’): XX  
Longitudinal range (‘lon\_range’): XX***

Footnote: **# platforms**: Number of Argo floats that have been deployed.  
**# active platforms**: Number of Argo floats that have been transmitting data **during the past month**. **# oxygen platforms**: Number of Argo floats with oxygen sensors that have been deployed.  
**‘Start’**: Earliest data transmission start date (format: dd/mm/yyyy).  
**‘End’**: Latest data transmission date (format: dd/mm/yyyy).  
**‘Mean time coverage’**: Mean number of years between the data transmission start and last dates.  
**Argo:** Argo floats measure temperature and salinity from the surface to a depth of 2,000 m every ten days (<http://imos.org.au/argo.html>). This report shows Argo floats deployed by the CSIRO and floats that went through the Australian region (*i.e.* longitudinal range: 20 – 180; latitudinal range: 5 – -65).

### Template

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **organisation** | **no\_platforms** | **no\_active\_floats** | **no\_oxygen\_platforms** | **no\_active\_oxygen\_platforms** | **total\_no\_profiles** | **total\_no\_measurements** | **lat\_range** | **lon\_range** | **earliest\_date** | **latest\_date** | **mean\_coverage\_duration** |
| Organisation name | # platforms | # active platforms | # oxygen platforms | # active oxygen platforms | # profiles | # measurements | Latitudinal range | Longitudinal range | Start | End | Mean time coverage (years) |
|  |  |  |  |  |  |  |  |  |  |  |  |

## 1.2 Data report – all data on the portal

### Filename: ‘A\_Argo\_allData\_dataOnPortal’

### Description: ‘All data available on the portal’

View to use:

|  |  |
| --- | --- |
| **Server** | dbprod.emii.org.au |
| **Database** | harvest |
| **Schema** | reporting |
| **Table** | argo\_all\_deployments\_view |

Filters: None, all filters have already been applied.

Data sorting options: None, data are already sorted.

Data grouping options: Group by ‘organisation’, sub-group by ‘oxygen\_sensor’.

Footnote: **Headers:** Organisation in charge of the deployment.  
**Sub-headers**: Did the Argo float deployed have oxygen sensors?  
**‘Start’**: Data transmission start date (format: dd/mm/yyyy).  
**‘End’**: Last data transmission date (format: dd/mm/yyyy).  
**‘Time coverage’**: Number of years between the data transmission start and last dates.  
**Argo:** Argo floats measure temperature and salinity from the surface to a depth of 2,000 m every ten days (<http://imos.org.au/argo.html>). This report shows Argo floats deployed by the CSIRO and floats that went through the Australian region (*i.e.* longitudinal range: 20 – 180; latitudinal range: 5 – -65).

### Template

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **platform\_code** | **no\_profiles** | **no\_measurements** | **lat\_range** | **lon\_range** | **start\_date** | **end\_date** | **coverage\_duration** | **pi\_name** |
| Platform code | # profiles | # measurements | Latitudinal range | Longitudinal range | Start | End | Time coverage (years) | Principal investigator |
| Headers = ‘organisation’ | | | | | | | | |
| Sub-headers = ‘oxygen\_sensor’ | | | | | | | | |
|  |  |  |  |  |  |  |  |  |

## 1.3 Data report – New data on the portal (last month)

### Filename: ‘B\_ Argo \_newData’

### Description: ‘New data on the portal (since DATE)’

View to use:

|  |  |
| --- | --- |
| **Server** | dbprod.emii.org.au |
| **Database** | harvest |
| **Schema** | reporting |
| **Table** | argo\_all\_deployments\_view |

Filters: List all data for which ‘end\_date’ is less than one month.

Data sorting options: None, data are already sorted.

Data grouping options: Group by ‘organisation’, sub-group by ‘oxygen\_sensor’.

Footnote: **Headers:** Organisation in charge of the deployment.  
**Sub-headers**: Did the Argo float deployed have oxygen sensors?  
**‘Start’**: Data transmission start date (format: dd/mm/yyyy).  
**‘End’**: Last data transmission date (format: dd/mm/yyyy).  
**‘Time coverage’**: Number of years between the data transmission start and last dates.  
**Argo:** Argo floats measure temperature and salinity from the surface to a depth of 2,000 m every ten days (<http://imos.org.au/argo.html>). This report shows Argo floats deployed by the CSIRO and floats that went through the Australian region (*i.e.* longitudinal range: 20 – 180; latitudinal range: 5 – -65).

### Template







|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **platform\_code** | | **no\_profiles** | | **no\_measurements** | | **lat\_range** | | | **lon\_range** | **start\_date** | | **end\_date** | **coverage\_duration** | | **pi\_name** |
| Platform code | | # profiles | | # measurements | | Latitudinal range | | | Longitudinal range | Start | | End | Time coverage (years) | | Principal investigator |
| Headers = ‘organisation’ | | | | | | | | | | | | | | | |
| Sub-headers = ‘oxygen\_sensor’ | | | | | | | | | | | | | | | |
|  | |  | |  | |  | | |  |  | |  |  | |  |