**Ocean Gliders - Report templates**

This document contains information to produce reports for the **Ocean Gliders** facility.

Number of data reports: 3.

# 1. Ocean Gliders

## 1.1 Data summary

### Filename: ‘OceanGliders\_Summary’

### Description: ‘Data summary’

View to use:

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

Filters: None, all filters have already been applied.

Data sorting options: None, data are already sorted.

Data grouping options: Group by ‘data\_type’, sub-group by ‘deployment\_state’.

Total: Calculate the total number of platforms and deployments. Also compute the temporal, latitudinal, longitudinal, and depth range of those data. *Use the following view: ‘totals\_view’; filter by: ‘facility’ = ‘ANFOG’ and WHERE type* ***NOT IN*** *('NSW','QLD','SA','TAS','WA').*

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Near real-time data** | **Delayed mode data** | **TOTAL** |
| ***Total number of deployment locations (‘no\_platforms’)*** |  |  |  |
| ***Total number of deployments (‘no\_deployments’)*** |  |  |  |
| ***Total number of slocum deployments (‘no\_data2’)*** |  |  |  |
| ***Total number of seaglider deployments (‘no\_data3’)*** |  |  |  |
| ***Total number of measurements (‘no\_data’)*** |  |  |  |
| ***Temporal range (‘temporal\_range’)*** |  |  |  |
| ***Latitudinal range (‘lat\_range’)*** |  |  |  |
| ***Longitudinal range (‘lon\_range’)*** |  |  |  |
| ***Depth range (‘depth\_range’)*** |  |  |  |

Below the above table, add another table entitled ‘Breakdown by IMOS Node’. *Use the following view: ‘totals\_view’; filter by: ‘facility’ = ‘ANFOG’ and WHERE type* ***IN*** *('NSW','QLD','SA','TAS','WA').*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **NSW** | **QLD** | **SA** | **SEA IMOS** | **WA** |
| ***Total number of deployment locations (‘no\_platforms’)*** |  |  |  |  |  |
| ***Total number of deployments (‘no\_deployments’)*** |  |  |  |  |  |
| ***Total number of slocum deployments (‘no\_data2’)*** |  |  |  |  |  |
| ***Total number of seaglider deployments (‘no\_data3’)*** |  |  |  |  |  |
| ***Total number of measurements (‘no\_data’)*** |  |  |  |  |  |
| ***Temporal range (‘temporal\_range’)*** |  |  |  |  |  |

Footnote: **Headers**: Data type.  
**Sub-headers**: Deployment state.  
**# platforms**: Number of distinct seaglider and slocum glider platforms that have been deployed.  
**# deployments**: Number of seaglider and slocum glider deployments.  
**# slocum deployments**: Number of slocum glider deployments.  
**# seaglider deployments**: Number of seaglider deployments.  
**Start**: Earliest glider deployment date (format: dd/mm/yyyy). **End**: Latest glider recovery date (format: dd/mm/yyyy).  
**# days of data (range)**: Number of days between the data recording start and end dates (Minimum – maximum).  
**Ocean Gliders**: <http://imos.org.au/oceangliders.html>.

### Template

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **deployment\_location** | **no\_platforms** | **no\_deployments** | **no\_slocum\_deployments** | **no\_seaglider\_deployments** | **no\_measurements** | **earliest\_date** | **latest\_date** | **no\_data\_days** |
| Deployment location | # Platforms | # Deployments | # Slocum deployments | # Seaglider deployments | # measurements | Start | End | # days of data (range) |
| Headers = ‘data\_type’ | | | | | | | | |
| Sub-headers = ‘deployment\_state’ | | | | | | | | |
|  |  |  |  |  |  |  |  |  |

## 1.2 Data report – all data on the portal

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

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

Table to use:

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

Filters: None, all filters have already been applied.

Data sorting options: None, data are already sorted.

Data grouping options: Group by ‘data\_type’, sub-group by ‘deployment\_state’.

Footnote: **Headers**: Data type. **Sub-headers**: Deployment state.  
**Platform code**: SL indicates a slocum glider deployment, SG a seaglider deployment.   
**‘Start’**: Glider deployment date (format: dd/mm/yyyy).  
**‘End’**: Glider recovery date (format: dd/mm/yyyy).  
**# days of data**: Number of days between the data recording start and end dates.  
**Ocean Gliders**: <http://imos.org.au/oceangliders.html>.

### Template

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **deployment\_location** | **platform** | **start\_date** | **end\_date** | **no\_measurements** | **lat\_range** | **lon\_range** | **max\_depth** | **coverage\_duration** |
| Deployment location | Platform code | Start | End | # measurements | Latitudinal range | Longitudinal range | Maximum depth | # days of data |
| Headers = ‘data\_type’ | | | | | | | | |
| Sub-headers = ‘deployment\_state’ | | | | | | | | |
|  |  |  |  |  |  |  |  |  |

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

### Filename: ‘B\_OceanGliders\_newData’

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

Table to use:

|  |  |
| --- | --- |
| **Server** | dbprod.emii.org.au |
| **Database** | harvest |
| **Schema** | reporting |
| **Table** | anfog\_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 ‘data\_type’, sub-group by ‘deployment\_state’.

Footnote: **Headers**: Data type. **Sub-headers**: Deployment state.  
**Platform code**: SL indicates a slocum glider deployment, SG a seaglider deployment.   
**‘Start’**: Glider deployment date (format: dd/mm/yyyy).  
**‘End’**: Glider recovery date (format: dd/mm/yyyy).  
**# days of data**: Number of days between the data recording start and end dates.  
**Ocean Gliders**: <http://imos.org.au/oceangliders.html>.

### Template

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **deployment\_location** | **platform** | **start\_date** | **end\_date** | **no\_measurements** | **lat\_range** | **lon\_range** | **max\_depth** | **coverage\_duration** |
| Deployment location | Platform code | Start | End | # measurements | Latitudinal range | Longitudinal range | Maximum depth | # days of data |
| Headers = ‘data\_type’ | | | | | | | | |
| Sub-headers = ‘deployment\_state’ | | | | | | | | |
|  |  |  |  |  |  |  |  |  |