

## **Wikiprint Book**

**Title:** udg/ecom/dataserver/catalog

**Subject:** TracMeteo - udg/ecom/dataserver/catalog

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The *ECOMS useRportal* provides homogeneous access (through a single controlled vocabulary) to different datasets (particularly state-of-the-art seasonal forecasting hindcasts). However, only a reduced number of variables required by the different ECOMS activities (impact applications and downscaling studies) is provided by the portal. The following list of variables has been identified

<https://meteo.unican.es/trac/wiki/SpecsEuporias/EndUserNeeds>

| Variable short name | Variable description                 | Frequency | Aggregation | Availability for the following datasets: |                     |                   |                   |
|---------------------|--------------------------------------|-----------|-------------|------------------------------------------|---------------------|-------------------|-------------------|
|                     |                                      |           |             | System4_seasonal_15                      | System4_seasonal_51 | System4_annual_15 | CFSv2_seasonal_16 |
| tas                 | Surface (2m) air temperature         | Daily     | mean        | Available                                | Available           |                   | Available         |
|                     |                                      | Monthly   | mean        | e                                        | e                   |                   | e                 |
| tasmax              | Maximum surface (2m) temperature     | Daily     | maximum     | Available                                | Available           | Available         | Available         |
| tasmin              | Minimum surface (2m) temperature     | Daily     | minimum     | Available                                | Available           | Available         | Available         |
| pre                 | Total precipitation                  | Daily     | Accumulated | Available                                | Available           | Available         | Available         |
|                     |                                      | Monthly   | Accumulated | e                                        | e                   | e                 | e                 |
|                     |                                      | Daily     | 12 UTC (1)  |                                          |                     |                   | e                 |
| psl                 | Air pressure at sea level            | Daily     | mean        | Available                                | Available           | e                 | Available         |
| ps                  | Surface air pressure                 | Daily     | mean        |                                          |                     |                   | e                 |
|                     |                                      | Monthly   | mean        |                                          |                     |                   | e                 |
| sst                 | Sea surface temperature              | Daily     | mean        | e                                        | e                   | e                 |                   |
| wsp                 | Wind speed (at 10m)                  | Daily     | mean        | e                                        | e                   | e                 | e                 |
|                     |                                      | Monthly   | mean        | e                                        | e                   | e                 | e                 |
| wspmax              | Wind speed (at 10m)                  | Daily     | maximum     | e                                        | e                   | e                 | e                 |
| wgust               | Wind gust                            | Daily     | maximum     | e                                        | e                   |                   |                   |
| tdps                | Dew point temperature                | Daily     | mean        | e                                        | e                   |                   |                   |
| mrso                | Total soil moisture content          | Daily     | mean        |                                          |                     |                   | e                 |
| huss                | Surface (2m) specific humidity       | Daily     | mean        |                                          |                     |                   | e                 |
| rsds                | SW radiation incident at the surface | Daily     | mean        | e                                        | e                   |                   | e                 |
| rlsds               | LW radiation downward surface        | Daily     | mean        | e                                        | e                   |                   | e                 |
| mrros               | Surface runoff flux                  | Daily     | accumulated | e                                        | e                   |                   | e                 |
| mrro                | Runoff flux                          | Monthly   | mean        | e                                        | e                   |                   |                   |
| ssro                | Sub-surface runoff rate              | Daily     | mean        | e                                        | e                   |                   |                   |
| prsn                | Snowfall flux                        | Daily     | mean        | e                                        | e                   |                   |                   |
| wchl                | Water Content of Soil Layer          | Daily     | mean        | e                                        | e                   |                   |                   |
|                     |                                      | Monthly   | mean        | e                                        | e                   |                   |                   |
| z850                | Geopotential 850mb                   | Daily     | mean        | e                                        | e                   | e                 | e                 |
| z925                | Geopotential 925mb                   | Daily     | mean        | e                                        | e                   |                   |                   |
| ua850               | 850mb eastward wind                  | Daily     | mean        | e                                        | e                   | e                 | e                 |
| va850               | 850mb northward wind                 | Daily     | mean        | e                                        | e                   | e                 | e                 |
| ua925               | 925mb eastward wind                  | Daily     | mean        | e                                        | e                   |                   | e                 |
| va925               | 925mb northward wind                 | Daily     | mean        | e                                        | e                   |                   | e                 |
| zg700               | Geopotential height at 700hPa        | Daily     | 12 UTC      | e                                        | e                   | e                 | e                 |
| zg1000              | Geopotential height at 1000hPa       | Daily     | 12 UTC      | e                                        | e                   |                   | e                 |

(1) Accumulated in the previous 24h

**Available:** The variable is ready to use through the useRportal. **e:** The variable exists in the dataset. **P:** It is planned to download the variable.