

LIST OF GLOBAL DATA CENTRES TO WHERE THE RESCUED AND ACCESSED DATA UNDER UERRA WILL BE PROVIDED, ONCE THE OBSERVATIONS HAVE BEEN DEVELOPED (CHECKED FOR QUALITY AND HOMOGENEITY)

As described in Deliverables D1.3 and D1.4 of UERRA, all the observations recovered, digitised, quality controlled and homogenised under the UERRA Data Rescue effort by URV and NMA-RO, about 8.4M station values, in addition to those data accessed in digitised format by URV from several National Meteorological and Hydrological Services (NMHS) in Europe (Norway and Sweden, and Catalonia and Slovenia, if finally verified), will be made publicly accessible and provided to the MARS Archive at ECMWF through the following global and regional data centres (the order shown indicates a priority order):

1. The International Surface Pressure Databank (ISPD) at the National Center for Atmospheric Research (NCAR)

All the air pressure observations digitised or accessed will be provided in ASCII format to the ISPD ensuring their provenance once quality controlled and tested for homogeneity (around January 2017) and on time for the new version (ISPDv6). The ISPD is the authorised databank from where the MARS Archive gather all the relevant observations at the synoptical scale.

2. The ZENODO scientific data repository

All the observations recovered and accessed under UERRA will be made publicly available through this global repository for scientific data, including observations for air pressure, temperature, dew point temperature, wind speed and wind direction, relative humidity, fresh snow, snow depth and precipitation.

3. The European Climate Assessment and Dataset (ECA&D) at the KNMI, De Bilt, Holland

All the recovered and accessed observations will be provided to ECA&D in two versions: the quality controlled version and the homogenised version.

4. Other global data centres and databanks to which all the observations recovered and accessed under UERRA will be also provided in ASCII format and the two versions produced to the following databanks and initiatives:

- a. The Met Office Hadley Centre observations datasets: the HadISDH dataset
- b. The International Surface Temperature Initiative (ISTI) databank

In addition, the data digitised, quality controlled and adjusted under UERRA thanks to the access provided to the original data sources by some European NMHS (e.g. DWD, the Slovenian and the Catalan services) will be sent to the respective NMHSs once the data have been developed. It's is expected to provide the data recovered and accessed in their different versions to the aforementioned data centres and NMHSs not later than two months after the completion of the D1.6 foreseen for month 36 (M36) of the UERRA project.