



How many meteorological base stations are there in the EU





Overview

Today, ECA&D is receiving data from 89 participants for 65 countries and the ECA dataset contains 100887 series of observations for 13 elements at 24332 meteorological stations throughout Europe and the Mediterranean (see Daily data > Data dictionary). 85% of these daily series can.

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Stations available in the European Climate Assessment and Datasets (ECA&D) (with different lengths of records) for daily mean temperature and daily precipitation amount. Green dots represent downloadable data and red dots present station used in addition in gridded products. Stations available in.

ECA&D forms the backbone of the climate data node in the Regional Climate Centre (RCC) for WMO Region VI (Europe and the Middle East) since 2010. The data and information products contribute to the Global Framework for Climate Services (GFCS). Today, ECA&D is receiving data from 89 participants for.

The blended time series from the station network of the European Climate Assessment & Dataset (ECA&D) project form the basis for the E-OBS gridded dataset. All station data are sourced directly from the European National Meteorological and Hydrological Services (NMHSs) or other data holding.

Surface weather observations from the measuring networks of the Deutscher Wetterdienst and the Bundeswehr Geoinformation Service The Deutscher Wetterdienst (DWD) operates a number of different measuring networks for surface measurements. The most important one for the monitoring and forecasting of.

We provides weather data for 15038 weather stations in Europe, the United States and the World, starting from January 1, 2011 and ending with the current date. Search for data (by index or name of weather station, village, city): Current weather, weather comfort, weather is now in world.



JavaScript must be enabled in order for you to use Google Maps. This Google Map shows the locations of current affiliated regional weather network member stations. Markers with numbers indicate clusters of stations - click to zoom the map to show station markers. If you click on a marker for a. How many weather stations are there?

All sources with at least 100 weather stations are listed. Station numbers are shown in logarithmic scale. International collaboration to create and maintain international, freely accessible datasets greatly facilitates research in many scientific fields.

Why is E-OBS unique in Europe?

The position of E-OBS is unique in Europe because of the relatively high spatial horizontal grid spacing, the daily resolution of the dataset, the provision of multiple variables and the length of the dataset.

Which weather station density is the highest in the world?

. GHCN-Daily weather station density over the study domain is one of the highest globally, with greater than 100 snow depth measuring stations per 5°grid (Jaffrés, 2019).

How do NMHSs increase the density of climate stations?

The density of stations gradually increases through collaborations with NMHSs within European research contracts. Initially, in 2008, this gridded dataset was developed to provide validation for the suite of Europe-wide climate model simulations produced as part of the European Union ENSEMBLES project.



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[Weatherstations :: statistics :: euweather](#)

Weatherstations :: statistics :: euweather
Weatherstations - statistics

Map :: euweather

Like many other Web sites, this site makes use of log files. The information inside the log files includes internet protocol (IP) addresses, type of browser, Internet Service Provider (ISP), ...



[E-OBS daily gridded meteorological data for ...](#)

While E-OBS remains an important dataset for model ...



Total number of weather stations per country or territory ...

Total number of weather stations per country or territory contained in the GHCN-Daily database. All sources with at least 100 weather stations are listed. Station numbers are shown in



European Meteorological Infrastructure (EMI)

Fellow members are the European Meteorological Network (EUMETNET), the European Centre for Medium-Range Weather ...



European Meteorological Infrastructure (EMI) . EUMETSAT

Fellow members are the European Meteorological Network (EUMETNET), the European Centre for Medium-Range Weather Forecasts (ECMWF), and our member states' ...



Home European Climate Assessment & Dataset

E-OBS is a daily gridded observational dataset for precipitation, temperature, sea level pressure, relative humidity, wind speed and global radiation in ...



Surface weather observations



The most important one for the monitoring and forecasting of weather is the DWD's and Bundeswehr Geoinformation Service's main station network comprised of approx. 200 ...



[Home European Climate Assessment & Dataset](#)

E-OBS is a daily gridded observational dataset for precipitation, temperature, sea level pressure, relative humidity, wind speed and global radiation in Europe based on ECA& D information.



E-OBS daily gridded meteorological data for Europe from 1950 to ...

While E-OBS remains an important dataset for model validation, it is also used more generally for monitoring the climate across Europe, particularly with regard to the ...



Locations of stations with temperature and precipitation data

Stations available in the European Climate Assessment and Datasets (ECA& D) (with different lengths of records) for daily mean temperature and daily precipitation amount.



Current weather



We provides weather data for 15038 weather stations in Europe, the United States and the World, starting from January 1, 2011 and ending with the current date.



[Global Station Map Europe of Affiliated Weather Networks](#)

This Google Map shows the locations of current affiliated regional weather network member stations. Markers with numbers indicate clusters of stations - click to zoom the map to show ...

[Total number of weather stations per country or ...](#)

Total number of weather stations per country or territory contained in the GHCN-Daily database. All sources with at least 100 weather stations are ...





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