Gridded Agro-Meteorological Data in Europe

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PROPERTIES

Creator	Food Security Unit, Joint Research Centre (JRC.D.5)
Publisher	Joint Research Centre, European Commission
Description	The JRC MARS Meteorological Database contains meteorological observations from weather stations interpolated on a 25x25 km grid, on a daily basis from 1979 to the last calendar year completed, for the European Union and neighboring countries.
Disclaimer	The developers/maintainers of this dataset do not have any responsibility on its use and on results/products derived from it. Although the data set has been verified and updated, there might be some errors and inconsistencies. Since the applied interpolation procedure is optimized in space, spatio-temporal analyses based on this data set might be affected by some inconsistencies.
Interpolation	http://marswiki.jrc.ec.europa.eu/agri4castwiki/index.php/Weather_Monitoring#Interpolation
Mars agroclimatic European Grid	http://agri4cast.jrc.ec.europa.eu/DataPortal/Resource_Files/SupportFiles/grid25.zip

DIMENSIONS

NUTS Projection	Lambert Azimuthal Equal Area
NUTS E.P.S.G.	3035
NUTS Resolution	25 km
Day	From: 01/01/1979 To: 31/12/2023; values per day: 1

INDICATORS

Variables	maximum air temperature (°C), minimum air temperature (°C), mean air temperature (°C), mean daily wind speed at 10m (m/s),

vapour pressure (hPa),

sum of precipitation (mm/day),

potential evapotranspiration from a crop canopy (mm/day),

total global radiation (KJ/m2/day),