

DATA SET DESCRIPTION

Recent dataset: Monthly mean of daily maximum temperature for stations worldwide

Version recent

Cite data set as: DWD Climate Data Center: Recent dataset: Monthly mean of daily maximum temperature for stations worldwide, version recent, last accessed: <date>.

INTENT OF THE DATASET

Observations had been collected from worldwide CLIMAT stations, and had originally been provided by the respective National Weather Services. Only the most recent years are provided here. Note that data have not yet passed the full DWD quality control.

POINT OF CONTACT

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DATA DESCRIPTION

Spatial coverage global

Temporal coverage 01.01.2015 - previous month

Temporal resolution monthly

Format(s) The names of the data sets start with the station number, followed by the start (year, month) and the end of the data set (e.g. 01001_201501_201706 means station 01001 = Jan Mayen from January 2015 to June 2017). In the data set the year is followed by the 12 monthly means. For information about station numbers, stations and their location use the station list: https://opendata.dwd.de/climate_environment/CDC/help/stations_list_CLIMAT_data.txt

Parameters The monthly mean of daily maximum temperature is given for each month of the year, each row covers a year.

Jahr	year
Jan	mean of daily max temperature in °C January
Feb	mean of daily max temperature in °C February
Mrz	mean of daily max temperature in °C March
Apr	mean of daily max temperature in °C April
Mai	mean of daily max temperature in °C May
Jun	mean of daily max temperature in °C June
Jul	mean of daily max temperature in °C July
Aug	mean of daily max temperature in °C August

	Sep	mean of daily max temperature in September	°C
	Okt	mean of daily max temperature in October	°C
	Nov	mean of daily max temperature in November	°C
	Dez	mean of daily max temperature in December	°C
Quality information	not available		

DATA ORIGIN

National Meteorological Services

VALIDATION AND UNCERTAINTY ESTIMATE

The quality control includes: Check of internal consistency of the data in a report and check against climatological thresholds.

CONSIDERATIONS FOR APPLICATIONS

For historical data which completed the quality control , see directories ../historical/.

REFERENCES

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The instructions in ftp://ftp-cdc.dwd.de/pub/CDC/Terms_of_use.pdf should be followed. The DWD website provides comprehensive copyright information.

REVISION HISTORY

The data is updated on a monthly base. This document is maintained by the Marine Climate Monitoring Division of DWD, last edited 19.12.2018.