

## DATA SET DESCRIPTION

### *Historical dataset: Monthly mean of daily maximum temperature for stations worldwide*

#### Version qcV002

**Cite data set as:** DWD Climate Data Center: Historical dataset: Monthly mean of daily maximum temperature for stations worldwide, version qcV002, 2017.

#### INTENT OF THE DATASET

Observations had been collected from worldwide CLIMAT stations, and had originally been provided by the respective National Weather Services. The data comprise the full time series as far as available in the database of DWD, and is quality controlled by DWD for climatological and climate related applications.

#### POINT OF CONTACT

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#### DATA DESCRIPTION

**Spatial coverage** global

**Temporal coverage** 01.01.1949 - 31.12.2014

**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\_200801\_201412 means station 01001 = Jan Mayen from January 2008 to December 2014). 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](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 July	°C
Aug	mean of daily max temperature in August	°C
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
<b>Quality information</b>	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, check against climatological thresholds, comparison with values generated from the synoptic network as well as an environmental check.

## CONSIDERATIONS FOR APPLICATIONS

This are data which span the historical time series, and where the full quality control had been completed. For extension to more recent years, see directories ../recent/.

## REFERENCES

## COPYRIGHT

The instructions in [ftp://ftp-cdc.dwd.de/pub/CDC/Terms\\_of\\_use.pdf](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 are updated in approximately annual intervals. This document is maintained by the Marine Climate Monitoring Division of DWD, last edited 19.12.2018.