

## DATA SET DESCRIPTION

### *Historical dataset: Highest daily maximum temperature of a month from stations worldwide*

#### Version qcV002

**Cite data set as:** DWD Climate Data Center: Historical dataset: Highest daily maximum temperature of a month from 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 highest (absolute) daily maximum temperature for a month is given for each month of the year, each row covers a year.

Jahr	year
Jan	highest daily maximum temperature °C in January
Feb	highest daily maximum temperature °C in February
Mrz	highest daily maximum temperature °C in March
Apr	highest daily maximum temperature °C in April
Mai	highest daily maximum temperature °C in May
Jun	highest daily maximum temperature °C in June

Jul	highest daily maximum temperature °C in July
Aug	highest daily maximum temperature °C in August
Sep	highest daily maximum temperature °C in September
Okt	highest daily maximum temperature °C in October
Nov	highest daily maximum temperature °C in November
Dez	highest daily maximum temperature °C in December
<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.