

DATA SET DESCRIPTION

Recent dataset: Monthly sunshine duration for stations worldwide

Version recent

Cite data set as: DWD Climate Data Center: Recent dataset: Monthly sunshine duration 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

Deutscher Wetterdienst
CDC - Vertrieb Klima und Umwelt
Frankfurter Straße 135
63067 Offenbach
Tel.: + 49 (0) 69 8062-4400
Fax.: + 49 (0) 69 8062-4499
Mail: klima.vertrieb@dwd.de

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 total sunshine duration is given for each month of the year, each row covers a year.

Jahr	year	
Jan	sunshine duration in January	hours
Feb	sunshine duration in February	hours
Mrz	sunshine duration in March	hours
Apr	sunshine duration in April	hours
Mai	sunshine duration in May	hours
Jun	sunshine duration in June	hours
Jul	sunshine duration in July	hours
Aug	sunshine duration in August	hours
Sep	sunshine duration in September	hours
Okt	sunshine duration in October	hours
Nov	sunshine duration in November	hours
Dez	sunshine duration in December	hours

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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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.