

## DATA SET DESCRIPTION

### Historical dataset: Monthly sunshine duration for stations worldwide

#### Version qcV002

**Cite data set as:** DWD Climate Data Center: Historical dataset: Monthly sunshine duration 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 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, 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**

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## **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.