

## DATA SET DESCRIPTION

### Historical dataset: Monthly mean of sea-level pressure for stations worldwide

#### Version qcV002

**Cite data set as:** DWD Climate Data Center: Historical dataset: Monthly mean of sea-level pressure 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

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](mailto:klima.vertrieb@dwd.de)

#### 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 mean sea-level pressure is given for each month of the year, each row covers a year.

Jahr	year
Jan	mean sea-level pressure in January hPa
Feb	mean sea-level pressure in hPa February
Mrz	mean sea-level pressure in March hPa
Apr	mean sea-level pressure in April hPa
Mai	mean sea-level pressure in May hPa
Jun	mean sea-level pressure in June hPa
Jul	mean sea-level pressure in July hPa
Aug	mean sea-level pressure in August hPa
Sep	mean sea-level pressure in hPa September
Okt	mean sea-level pressure in October hPa
Nov	mean sea-level pressure in hPa November
Dez	mean sea-level pressure in hPa December

**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**

## **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.