

The monthly degree days (VDI 3807 / Part 1: Characteristic consumption values for buildings - Fundamentals) are calculated for each month from quality controlled daily means of air temperature (degree Celsius), and only in the case the all daily values are available. If daily temperature values at a station are missing, no monthly degree days are calculated. The version 'historical' is based on data which have completed quality control. This climate data are from the station network of DWD, operationally collected in the central MIRAKEL data base and archived, see Behrendt et al., 2011, and Kaspar et al., 2013. For details on current measurement and observation procedures see VuB 3 Beobachterhandbuch (DWD, 2014a), VuB 3 Technikerhandbuch (DWD, 2014b) and VuB 2 Wetterschlüsselhandbuch (DWD, 2013).

VALIDATION AND UNCERTAINTY ESTIMATE

The quality of the monthly degree days depends on the quality of daily values of air temperature.

ADDITIONAL INFORMATION

For extending the time series with recent data (where quality control is not completed yet), see subdirectories `../recent/`.

REFERENCES

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REVISION HISTORY

The data in this directory are updated in approx. Annual intervals. This document is maintained by the DWD Regional Climate Office Essen, last edited on 29.01.2019.