



Homogenization of Swedish daily temperature data

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Observational data is the foundation of knowledge about our climate system and our ability to follow climate change. But observations can be affected by changes in methods and instrumentation, and also by relocation of stations, to mention some sources of errors. These errors can at least partially be corrected for by homogenization of data.

At the Swedish Meteorological and Hydrological Institute we are updating our method for homogenization. Daily temperature data from Swedish stations for the period of 1951-2016 have been homogenized using SPLIDHOME and Climatol. The latest result and our experiences of the homogenization work will be presented.

We also compare the results when homogenization is performed using the SPLIDHOM and Climatol software.