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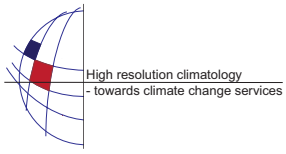

Precipitation chemistry based on row and homogenised data series

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Precipitation is important for vegetation, wildlife, and people, as it replenishes the ground and surface water. Accordingly, precipitation chemistry is an important environmental issue due to many concerns, such as acid deposition, eutrophication, ecosystem health, biogeochemical cycling, and global climate change. Analyses of row precipitation data series could lead to false conclusions. To exclude influence of e.g. meteorological sight relocations, changes in environment or changes of instruments on analyses results the data series should be homogenised.
Here, two data sets of the annual volume-weighted concentrations of the major ions in precipitation are compared. First data set is calculated from row precipitation data and the second one from homogenised data. Furthermore, the comparison of trends for these two data sets will be presented.