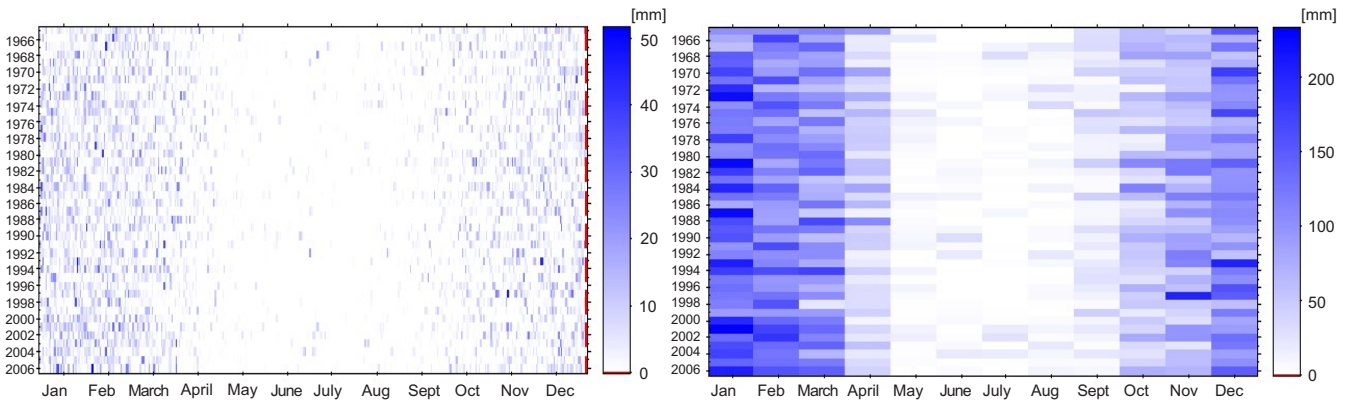


Data Portal

An effective way to analyse and aggregate data

The data portal developed by Meteodat allows an efficient data handling. The data portal provides some very useful options for data download, control and aggregation.

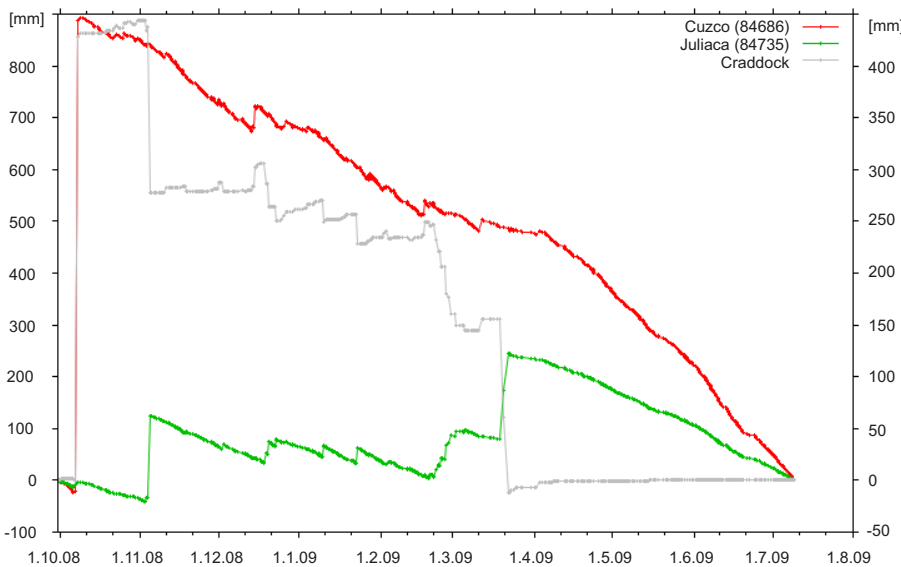
Some functions of visualization allow an advanced quality control of hydro-meteorological data series. An example is shown below: At a first glance one can locate periodes of heavy precipitation at chosen stations. The control of such periodes will clarify further if the discovered extremes are plausible or not.



Matrix plots of measured precipitation in Granja Kcayra (Peru): Daily values from 1966 to 2006 on the left side, monthly values on the right side. Darker color shows larger amount of precipitation during one day and one month respectively. The data portal allows custom tailored aggregation with two clicks only.

Applying some implemented correlation tools help the users of the data portal to find inconsistencies and to correct, interpolate and homogenize the data series properly.

Please contact Meteodat's staff to get further information about the data portal and its diverse applications.



Quality control of precipitation data (SYNOP) of Cuzco and Juliaca (Peru). The here applied tool is usually used to detect inhomogeneities. In this case the curves show two suspected coding errors at the begin of November 2008 and in mid March 2009.

Meteodat GmbH

Meteodat GmbH is a spin-off company of the Swiss Federal Institute of Technology (ETH), Zurich. With its educational and professional background, the staff of Meteodat possesses an indepth knowledge in the handling of both meteorological and hydrological data.

For more than 20 years, Meteodat's Staff has been conducting comprehensive studies concerning hydrological and meteorological characteristics in different parts of the world (e.g. Nepal, Peru and Colombia).

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