

Interactive comment on “Hydrometeorological Data from a Remotely Operated Multi- Parameter Station network in Central Asia” by Cornelia Zech et al.

Anonymous Referee #2

Received and published: 18 November 2020

In this data manuscript, the authors have provided a full description of a hydrometeorological dataset from Central Asia and Afghanistan. The dataset has very high quality and is of high interest to the research community for an area with scarce data. The manuscript can be considered for publication after a moderate revision. Below are some comments that can be used to improve the quality of the manuscript.

- The dataset is not easily accessible. I would recommend providing a direct link to the dataset without any need to create a user and password. Data also need a post-processing and the presentation of data must be simple. Use simple indices such as P for precipitation, T for air temperature, RH for relative humidity, and so on for the time

Printer-friendly version

Discussion paper



series in the website as well as the tables in the manuscript. Description of the file formats in sections 7.1 and 7.2 is excessive and needs to be polished and simplified.

- Provide plots for monthly climatological averages for the main hydrometeorological variables.

- Are Tipping buckets the only precipitation gauges? Do they only record rainfall (e.g., Figure 4)? How about snowfall? Given the high range of elevation among the stations, a Tipping bucket gauge is not enough for representing snowfall portion of precipitation.

- Spell out all of the acronyms such as GNSS. Spell out all the acronyms on the figures and in the figure captions.

- Combine Figures 2 and 3.

Interactive comment on Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2020-176>, 2020.

Printer-friendly version

Discussion paper

