

## ***Interactive comment on “The Global Streamflow Indices and Metadata Archive (GSIM) – Part 1: The production of daily streamflow archive and metadata” by Hong Xuan Do et al.***

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Great data set! Will be very useful. Would be great if the underlying daily time-series data can also be made available via an online repository?

Looking at the contents of file GSIM\_metadata.csv, I think that the units for the attribute "altitude" are in \*feet\* for USGS gauges? E.g. gauge US\_0006679 has an altitude value of 10520. Would be better to correct this to meters, so it is consistent with the altitude of gauges from other sources (e.g. GRDC).

I have not checked the attribute "area" of USGS gauges. Please ensure it is in km<sup>2</sup>.

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I also noticed that at least one gauge has impossible lat/lon coordinates: KG\_0000003 (lat/lon: 90/180) If location is unknown would be better to assign NA value. I have not checked if the same applies to many other gauges with unknown location.

regards, Harald Kling

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