

# ***Interactive comment on “The International Satellite Cloud Climatology Project H-Series Climate Data Record Product” by Alisa H. Young et al.***

## **Anonymous Referee #1**

Received and published: 14 September 2017

1. Abstract: it would be useful (for users) to learn about main differences between D&H series (resolution, data format, impacts of algorithms ...)
2. Table 1 shows the comparisons of ancillary products used by ISCCP for D- and H-series. It would be very useful to have one table showing the differences between D- & H-series ISCCP products. It is the most important thing from a user perspective.
3. L212-213: Pls. provide the reference for “ISCCP Climate-Algorithm Theoretical Basis Document”.
4. The authors did a good job on listing the differences between D- & H-series in Sections 2-4, but it is lack of discussions on specific impacts of the changes for each

change. What should the users be aware of? Should they be concern about the validity of their conclusions made in their prior publications?

5. L233-238: What you said about “higher” or “lower” is opposite of what shows in Fig. 4 since Fig. 4 black line shows H-D. Pls. check.

6. Fig. 4: it seems that there is a shift in H-D differences around 1994. What causes it? Pls. add x-axis tick marks for all panels and add some vertical grid lines to make it easier to read years. Are there differences in estimated CF trends?

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Interactive comment on Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2017-73>, 2017.

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Discussion paper

