

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

Anonymous Referee #2

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Review results for the manuscript entitled "The International Satellite Cloud Climatology Project H - Series Climate Data Record Product" by Young et al.

I suggest rejecting the manuscript in its current form since a number of key elements are missing in the manuscript, e.g.:

1) The introduction should have a broad scope, summarizing other international activities (e.g. Patmos-X, CMSAF CLARA-A1/2, MODIS Collection 6, ESA Cloud_cci) and putting them in contrast to the characteristics of the dataset presented. This is completely missing.

2) The manuscript needs to describe also all other product variables (not only cloud

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amount) more comprehensively, how are they retrieved, how do they look like (Showing examples of most of them), which caveats exist for them...

3) Validation. Datasets without any information about the accuracy of the products are useless to the users. High quality references observations exist, at least for some of the products variables: SYNOP: cloud amount, CALIOP: cloud mask/amount, cloud phase, cloud top pressure/height, CALIOP+CloudSat (e.g. DARDAR): IWP, AMSR-E: LWP. Basic validation results are mandatory for presenting a dataset.

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

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