

Author comments to the second revision of: The Global Long-term Microwave Vegetation Optical Depth Climate Archive VODCA

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Formatting as follows:

Reviewers' comments

[Reply to comments](#)

[\[page:line\] Deleted parts of the manuscript](#)

5 [\[page:line\] Added/changed parts to the manuscript](#)

some minor formal requirements:

Thank you for editing the figures of the global distribution maps

– the font size of the subtitles a), b) c) is inconsistent – e.g. too large for figure 9

10 In the Supplement please also enlarge the global distribution maps figures 2 to 6 and provide a consistent font size for the subtitles in the manuscript and the supplement

[We agree, the size of fonts and figure sizes was inconsistent](#)

15 – [Reduced subtitle font size of figure 9, nothing else was changed in the main document.](#)

– [Increased size of map-style supplementary figures and in the process split figure 7 into figures 7-9 because it did not fit anymore on one page.](#)

– [Adjusted style and font sizes of colorbar text for supplementary figures 1-3](#)

– [Adjusted font size of subfigure titles of supplementary figure 3](#)

20 Data publication in Zenodo:

Please add the information on the issue that the products are currently not readable in SNAP to the abstract and the information that a new update VODCA with the 2019 data will be available in January 2020.

This will become a new version of the data set including 2019 that should be published under the same DOI, but with another

version number, Zenodo is supporting versioning.

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Added to Zenodo description:

Currently there is an issue with opening the file using ESA SNAP. As an alternative Panoply can be used to quickly visualize the data.

An update of VODCA, addressing this issue and potentially including an extension of the dataset, is foreseen to be published

30 on Zenodo early 2020.

Main changes to: The Global Long-term Microwave Vegetation Optical Depth Climate Archive VODCA

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Adjusted subtitle font size of figure 9, made numerous smaller changes to supplementary figures and updated description on Zenodo. We are not providing marked-up manuscript changes for this revision as no text changes have been made.