

The Cryosphere Discuss., community comment CC3  
<https://doi.org/10.5194/tc-2022-31-CC3>, 2022  
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## Comment on tc-2022-31

Paul PUKITE

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Community comment on "Global evaluation of process-based models with in situ observations to detect long-term change in lake ice" by Mohammad Arshad Imrit et al., The Cryosphere Discuss., <https://doi.org/10.5194/tc-2022-31-CC3>, 2022

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Don't completely understand the reliance on so few lakes for analysis. Minnesota alone has hundreds of lakes compiled on their Dept of Natural Resources site (last time I checked), with many dating before 1900. There are good statistical techniques that deal with data of various intervals so that should not be an issue. Here is what I have compiled broken down by latitude (which hasn't been updated for a few years):

