



## **Breaking down the cloud feedback**

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We have analyzed the cloud feedback in response to short-term climate fluctuations over the last decade and that it is positive with a value of approx.  $0.5 \text{ W/m}^2/\text{K}$ . In this analysis, we have broken the feedback down by cloud height and thickness. We find that it is the thin and high clouds that are mainly responsible for this cloud feedback, and that their impact is primarily in the longwave. We will discuss the methodology, results, and implications in this talk.