TITLE

AIRS Science Team Meeting

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SAMPLE: Motivation

- Produce Level 1b CHIRP radiances for retrievals
- Produce Level 3 climate-level gridded CHIRP radiance products
- Goals
  - Minimize sensitivity to a-priori estimates, etc.
  - Remove artificial sampling biases
  - Perform as much analysis in radiance space for error traceability
- Geophysical Products
  - Level 3 T/Q anomalies and trends (and surface T?)

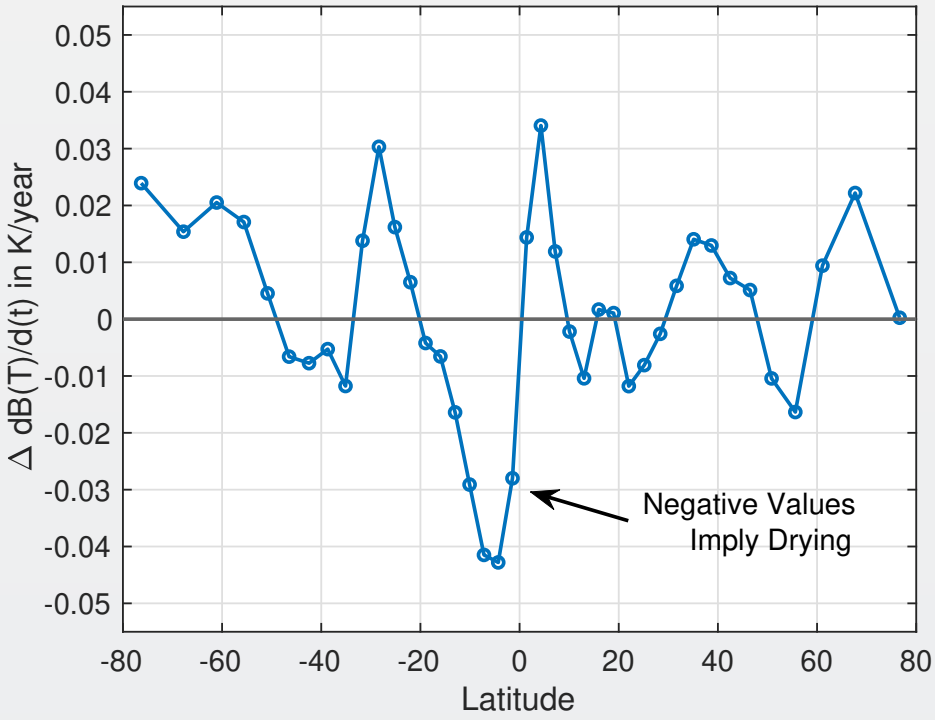
This approach is in principle very simple and quick. Allows frequency re-processing.

What's Hard:

- Dealing with clouds
- AIRS radiometric stability estimates (ie. how good?)

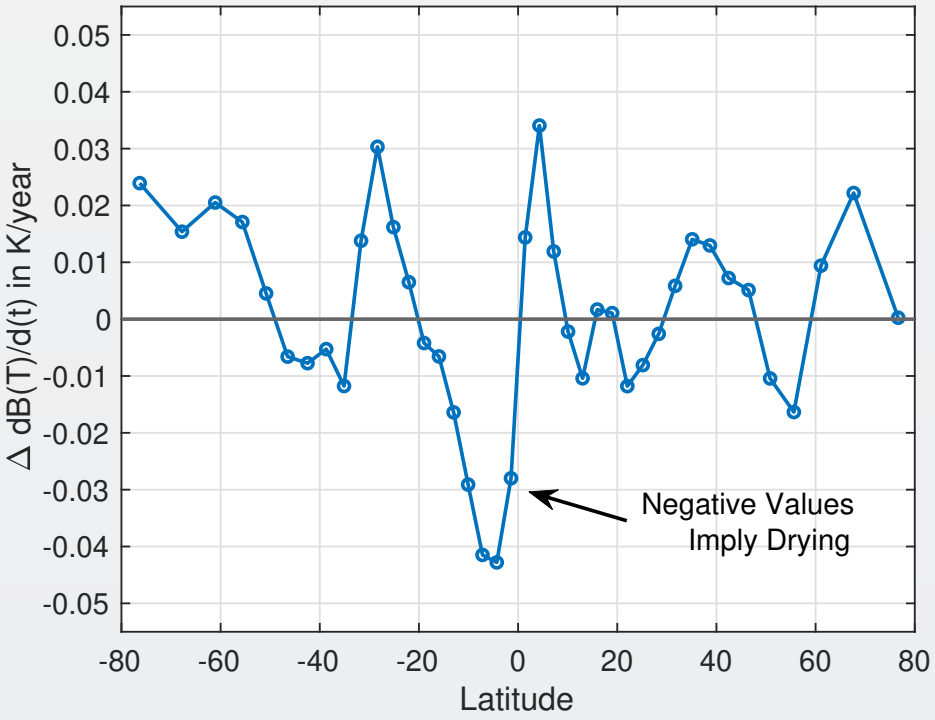
SAMPLE 2x Figs

Some Small Title



AIRS, CrIS, IASI are *all* very stable
CLARREO has removed us from this figure!

Another Small Title

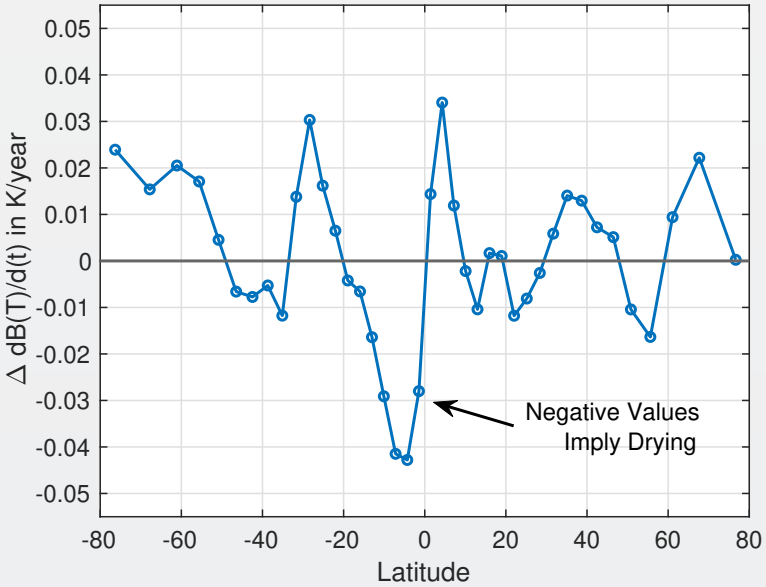


These are 2-σ B(T) statistical uncertainties due to inter-annual variability.

Some channels, some latitudes not gaussian (strat sudden warmings, QBO, etc.)

SAMPLE 4x Figs

Some Small Title



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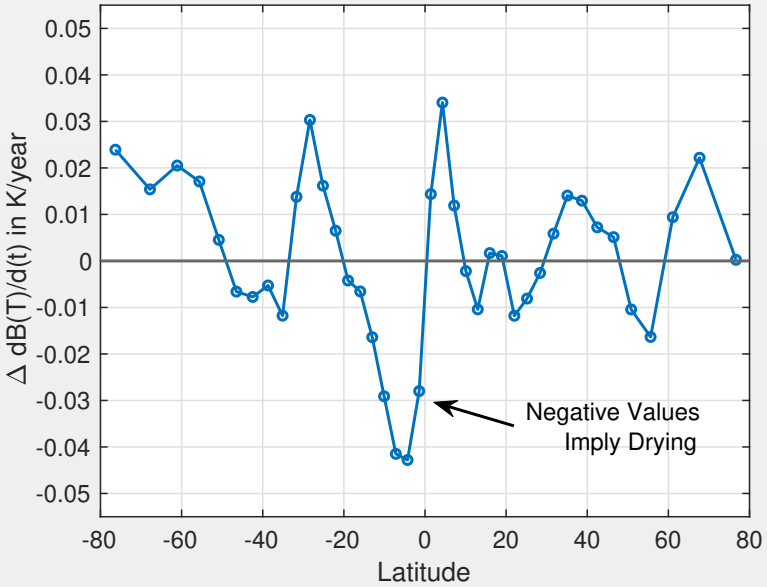

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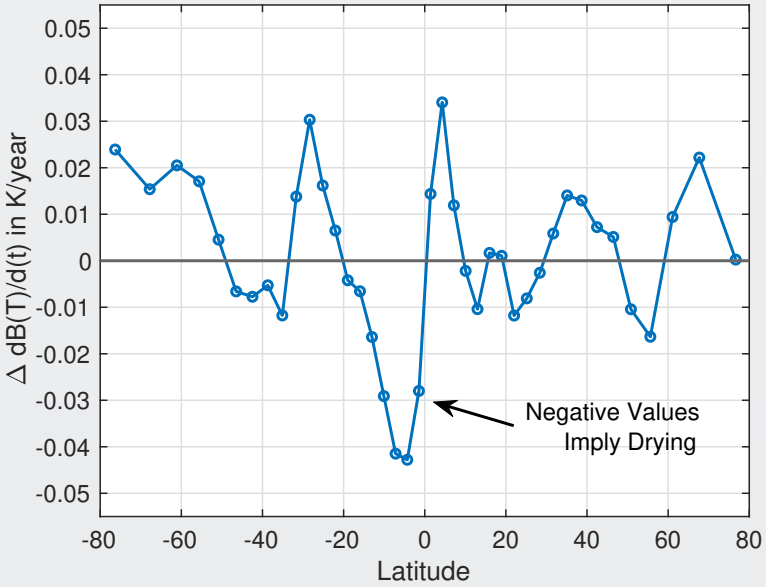

Another Small Title