



" Temperature and Moisture Profiles Retrievals from Current and Future Sounders"

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Soundings Status

- Soundings are being produced or proposed to be produced by at least 4 groups within NEDSDIS. Do we need four?
- The use of the operational sounding is decreasing as the number of centers have replaced the use of the operational soundings with a direct radiance assimilation.
- GOES is in a planning stage
- Retrievals are being planned for the microwave sensors
- AIRS retrieval system is being
- Signification portions of the operational sounding system have not been changed or reviewed for 30 years (this includes 200x changes)



Goals of the Meeting

- An understanding of the 4 retrieval approaches at an appropriate level of detail
 - Start at the input
 - All steps such as angle adjusting and cloud clearing
 - Equations used
 - Reasons for approach
- Path to better soundings
- Good retrieval assessments
- Recommendations for Management