Impact of GPS-Based Water Vapor Fields on Mesoscale Model Forecasts (presentation)

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Impact of GPS-Based Water Vapor Fields on Mesoscale Model Forecasts

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Presentation outline

- 3D water vapor analysis with GPS
    - GPS slant delays, simulated network
    - 3DVAR assumptions, results
    - Microwave profiler example
- Experiment design
    - Simulated slant GPS network
    - ARPS/ADAS assimilation
- Mesonet demonstration
- Summary

[See attached Power Point presentation for more.]

Online URL:
https://kb.unavco.org/article/impact-of-gps-based-water-vapor-fields-on-mesoscale-model-forecasts-presentation-598.html