



Special AIRS Validation: *Measurements over Antarctic Plateau*



Full Title: **Validation of the Atmospheric Infrared Sounder (AIRS) over the Antarctic Plateau: Low radiance, low humidity, and thin clouds**

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Description of Experiment: Measurements by spectrometer, cloud lidar, GPS receiver, and radiosondes.

Quantities Measured: Upwelling and downwelling infrared radiance spectra; cloud base; total precipitable water; profiles of temperature and humidity.

Region of Observations: **Dome Concordia, Antarctic Plateau**

Time of Observations: **Austral summer (December to January).**

Special Observing Constraints: **Antarctic summer conditions only.**

