



Characterization of the 25 year PATMOS-x satellite cloud climatology using advanced sensors.

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The AVHRR Pathfinder Atmospheres Extended (PATMOS-x) is a new cloud climatology derived from the data provided by NOAA's Advanced Very High Resolution Radiometer (AVHRR). PATMOS-x data currently spans from 1981 to 2007. With the availability of AVHRR data with that from advanced sensors, an opportunity exists for properly characterizing the performance of PATMOS-x in a quantitative way. In this presentation, we explore the ability of data from space borne active sensors (CloudSat and Calipso) to characterize the performance of key components of the PATMOS-x data-set.