



## **AIRS DATA DISTRIBUTION AT NASA GES DISC DAAC**

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The Atmospheric Infrared Sounder (AIRS) data product suite is now available at the Distributed Active Archive Center (DAAC) located at the NASA Goddard Earth Sciences Data and Information Services Center (GES DISC) in Greenbelt, Maryland, USA. The Atmospheric Dynamics Data Support Team ([atmdyn-dst@daac.gsfc.nasa.gov](mailto:atmdyn-dst@daac.gsfc.nasa.gov)) is providing user services to help with understanding, accessing and utilizing AIRS data. These services include assistance with product ordering and distribution, access to online technical documentation and HDF-EOS format information, development of online data analysis tools, data mining, and educational resources. The AIRS data is available via the DAAC Search and Order interface (<http://daac.gsfc.nasa.gov/data/>), the EOS Data Gateway (<http://eos.nasa.gov/imswelcome/>) or the EOS Core System Datapool (<ftp://g0dps01u.ecs.nasa.gov/>). The AIRS data support website is located at <http://daac.gsfc.nasa.gov/atmodyn/airs/>.

AIRS data products are a combination of AIRS, Advanced Microwave Sounding Unit (AMSU-A) and Humidity Sounder for Brazil (HSB) measurements. Global coverage by the instruments is obtained twice daily (day and night) and the data along the orbit is processed into 6-minute granules. AIRS alone has 2,378 channels measuring in the infrared range 3.74-15.4 mm and four channels measuring in the visible/near-infrared range 0.4-1.1mm. A web-based AIRS data subsetter is among the tools available to perform channel subsetting for geolocated calibrated radiances (Level 1B) as well as variable subsetting for atmospheric final retrievals (Level 2). Also useful is AIRS QuickLook, a data visualization application which allows users to view AIRS Level 1B data online for a specific channel prior to ordering or downloading data. Global map is also provided along with image to show geographic coverage of the granule

and flight direction of the Aqua spacecraft.

AIRS Level 1B data was released in March 2003 and Level 2 products are available May 2003.