

Monthly Report  
2003 August  
National Operational Hydrologic Remote Sensing Center  
Hydrologic Services Division

**NOHRSC helps to lead NWS snow workshop at NERFC.** The National Operational Hydrologic Remote Sensing Center (NOHRSC) helped to lead a snow workshop hosted by the NERFC. We gave lectures that described the current and future products and data sets generated by NOHRSC and used by the RFCs. (Tom Carroll, OS33)

**NOHRSC improves fractional snow cover mapping with AVHRR data.** With the support of the U.S. Army Corps of Engineers Cold Regions Research and Engineering Laboratory, the NOHRSC developed improved techniques to generate fractional snow cover estimates using 1km AVHRR data. The sub-1km grid cell estimates of snow cover will be assimilated into the NOHRSC National Snow Analysis to help provide a better estimate of snowpack state variables (water equivalent, depth, temperature, melt, etc.) for the CONUS this coming snow season. (Tom Carroll, OS33)

**NOHRSC participates in NASA pathfinder meeting at JPL.** We participated in the NASA Cold Land Processes Pathfinder (CLPP) mission engineering review at the Jet Propulsion Laboratory in Pasadena, CA Aug. 5-8. The purpose of the review was to evaluate end-to-end compatibility of all mission components. Don Cline was there to ensure the needs of the science community were met by the mission design. (Tom Carroll, OS33)