

NOAA Operational Model Archive and Distribution System (NOMADS)

Objective: Collaboration for Distributed Access to NWP and GCM Models and Data

Status:

NCEP Global Forecast Model Input Data

- ✓ Minimum set necessary to re-generate NCEP products or Initialize Regional Models
- ✓ FGDC documented: NCDC TD#6172
- ✓ Testing complete. NCEP developing operational system for distribution to NCDC.

GrADS-DODS Server (GDS) installed at NCDC

- ✓ Web access to selected NOAAPort NWP models (Summer '02)
- ✓ Unidata provides GDS to THREDDS compatible XML catalog builder to NCDC



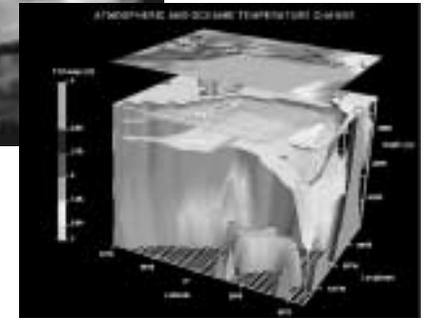
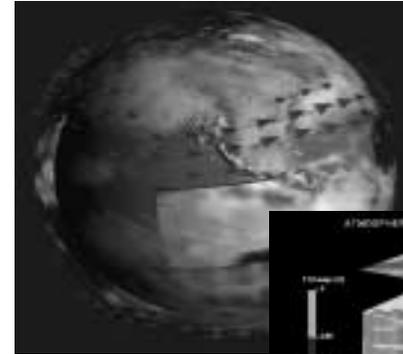
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New Collaborators

- ✓ E-Science: ClimatePrediction.com
- ✓ NERC DataGrid (UK) and Hadley Center
- ✓ LBNL's Climate and Atmospheric Chemistry groups
- ✓ NASA (ESIP) and GCOS (GODAE) in progress



Two FY04 NOAA Initiatives Submitted:

- ✓ NOMADS
- ✓ *“The U.S. National Climate and Weather Model HelpDesk”*

Future Plans:

- ✓ Develop CONDUIT data ingest capability at NCDC for short term archive
- ✓ Act as THREDDS model data provider
- ✓ Ensure for “Ocean” data set capability (e.g., GCOS, GODAE)
- ✓ Fall 02: NOMADS meeting (Boulder?). NOAA L/O briefing



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