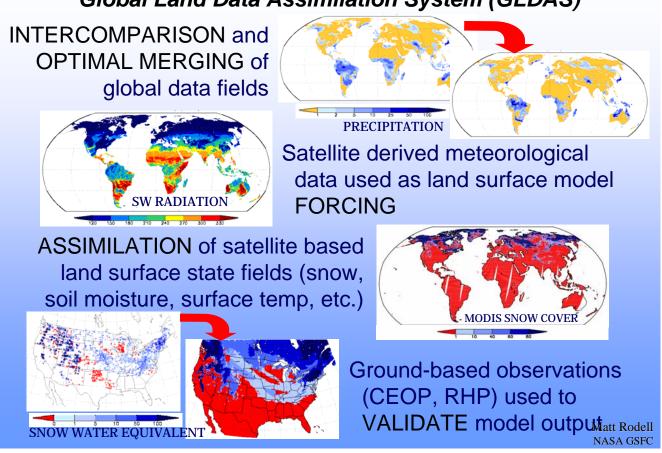
Land Model Working Group

- Small group so far
- Must be linked to the GLASS large scale uncoupled land modeling group (GSWP)
 - Possibly a subgroup, or identical
 - Include CEOP-specific objectives
- Encourage collaboration when possible; else coordination to minimize overlap, ensure progress toward common goals
- Possible focus: using models as integrators of data from multiple sources

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Integrating Observational Data within the Global Land Data Assimilation System (GLDAS)

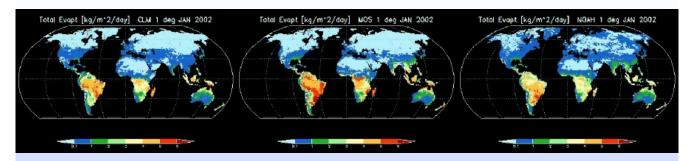


Land Model Working Group

- Establish connection to GLASS
- Identify objectives which respond to GEWEX/CEOP goals, for example:
 - Use CEOP/RHP data to assess individual model strengths and weaknesses
 - Use CEOP/RHP data to quantify the incremental impact of integrating observational products (via forcing, data assimilation, etc.)
 - Improve representation of water and energy cycle processes and components, such as groundwater
- Recruit: must be more than NASA/GLDAS

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GLDAS Output



Monthly mean evapotranspiration, 2002-04, from simulations with CLM2, Mosaic, and Noah 2.7.1 LSMs. [Color bars range from 0.1 to 8 mm/day]

• 1° gridded, global, 1979-present simulations with 4 LSMs: CLM2, Mosaic, VIC, and Noah 2.7.1 (also 0.25°, snow cover assimilation)

- MOLTS and gridded delivered to MPI, UCAR (EOP1-4)
- via anonymous FTP, contact Matthew.Rodell@nasa.gov
- soon available at http://disc.gsfc.nasa.gov/
- 1980-2010 will be made available for CEOP
- We encourage other land modeling groups to do the same

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