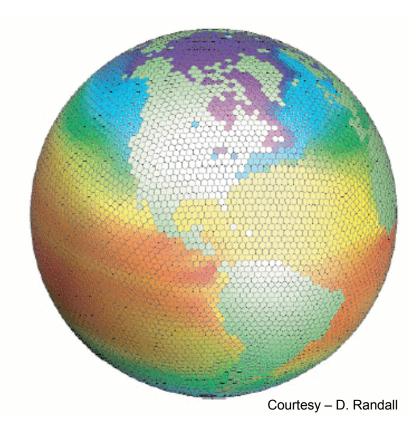
NOAA/ESRL

Status on Development of
Flow-following FVFlow-following FVIcosahedralModelJin-luen Lee – Technical lead

Sandy MacDonald Rainer Bleck Jian-wen Bao Jacques Middlecoff Ning Stan Benjamin John

Ning Wang John Brown



FIM

- Contribution toward future NOAA global modeling system
- Developed at ESRL, collaboration so far with GFDL, EMC



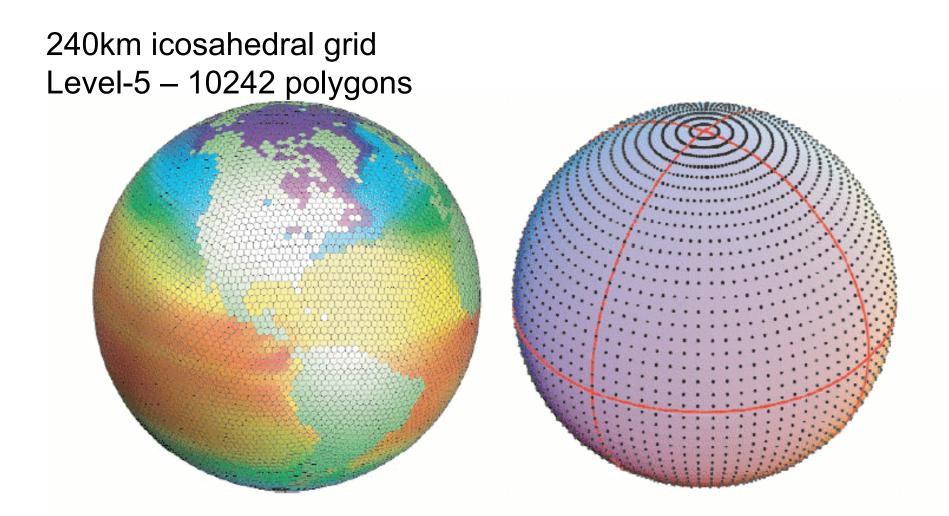
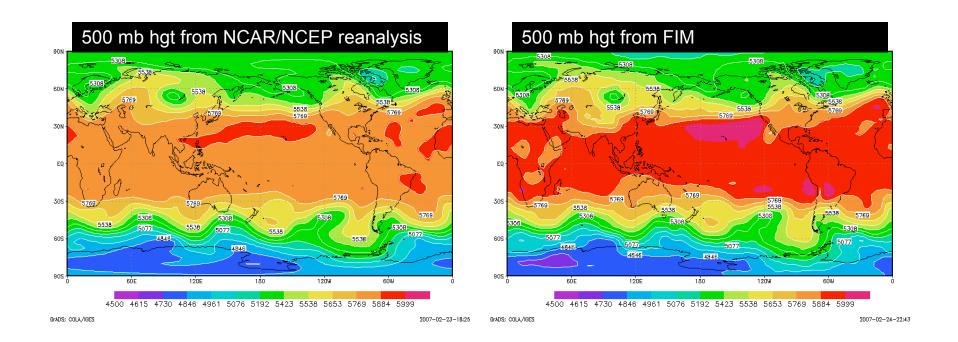


Figure 1. An example of a geodesic grid with a color-coded plot of the observed sea-surface temperature distribution. The continents are

Figure 2. An example of a latitude–longitude grid. A pole is at the top. The black dots represent grid cell centers that are equally spaced in longitude

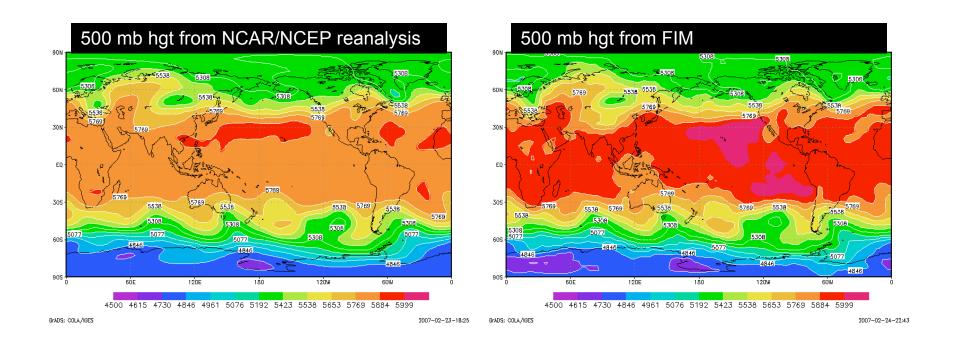
Diagrams - Randall et al. – Colorado State University http://kiwi.atmos.colostate.edu/DOE_Cooperative_Agreement/pdf/CISE.pdf

Initial time: 00z,10/09/2003



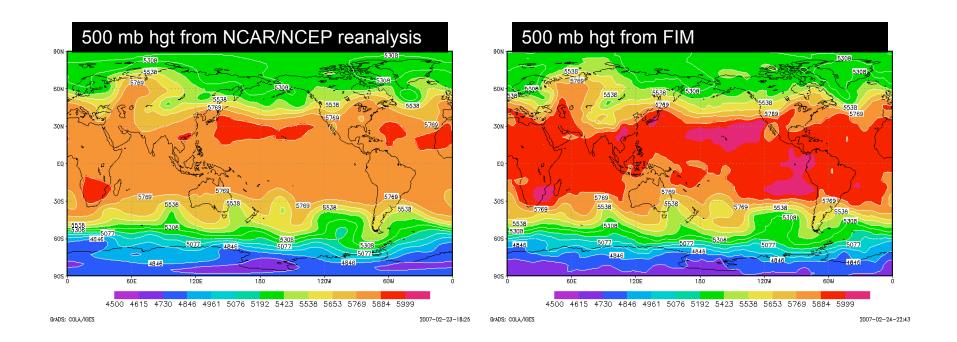
ReAnalysis data

1-day fcst @ 00z,10/10/2003



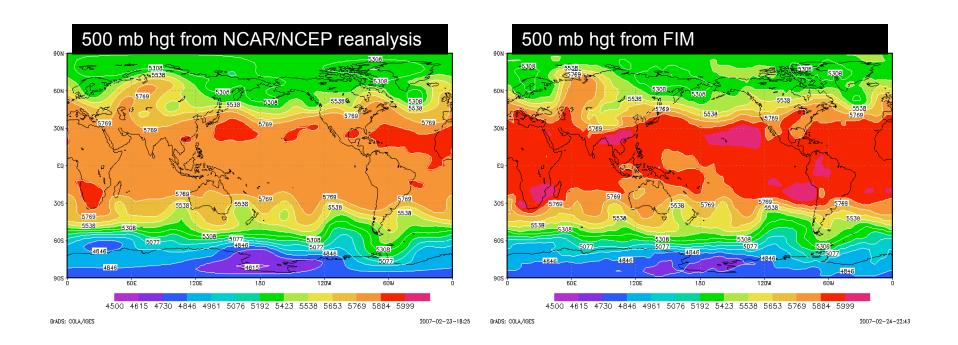
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2-day fcst @ 00z,10/11/2003



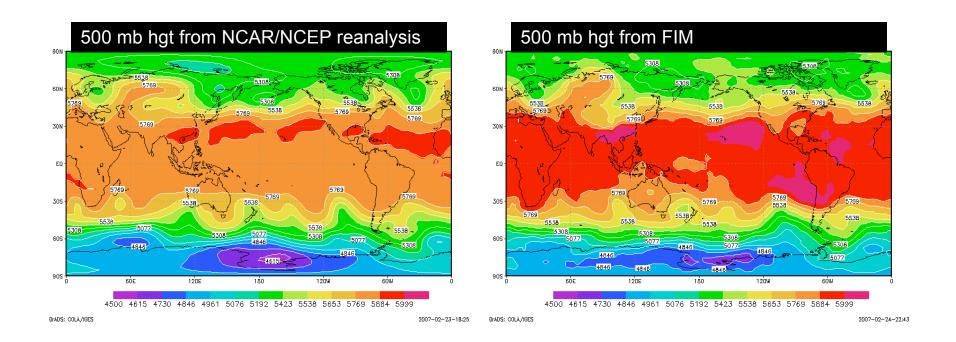
ReAnalysis data

3-day fcst @ 00z,10/12/2003



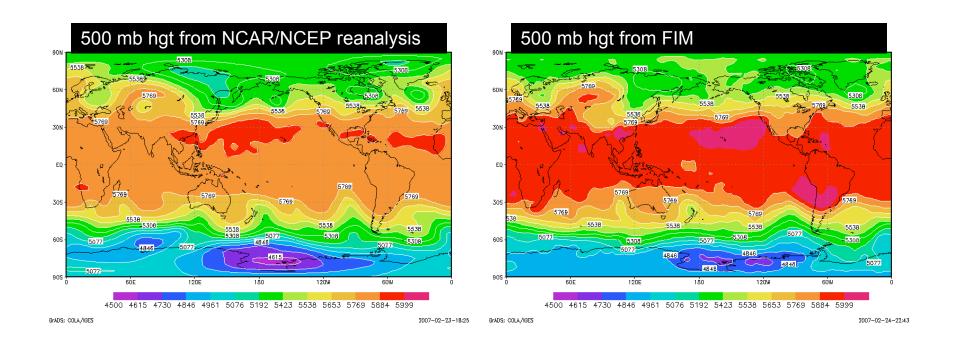
ReAnalysis data

4-day fcst @ 00z,10/13/2003



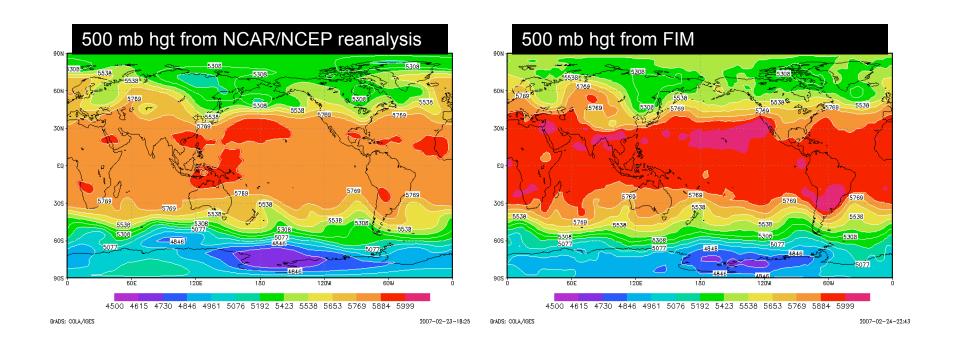
ReAnalysis data

5-day fcst @ 00z,10/14/2003



ReAnalysis data

6-day fcst @ 00z,10/15/2003



ReAnalysis data