

# Example: Rapid Atmospheric Modeling System, ColoState U

- Hurricane Georges, 17 days in Sept 1998
  - “RAMS modeled the mesoscale convective complex that dropped so much rain, in good agreement with recorded data”
  - Used 5 km spacing instead of the usual 10 km
  - Ran on 256+ processors
- Computation-intensive computing (or HPC = High Performance Computing)
- *Can one run such a program without access to a supercomputer?*