Short-term Simulations/Forecasts

- Use higher 0.5° resolution atmosphere and land.
- Run from 1980 – 2000 using observed forcing, and then from 2000 – 2030 using the A1B scenario.
- Have just interpolated 1980 atmosphere and land ICs from 20th Century run using ~2° resolution.
- Do need to initialize the ocean for these runs?
- Idea is to improve near-term projections over USA.
b35.012 is 20\textsuperscript{th} Century run using CCSM3.5

b0100 is a run nudged to a run of 3.5 ocean and sea ice forced by atmospheric observations.
b35.012 is a CCSM3.5 20th Century run

G3_5_19.11 is an ocean and ice run forced by atmospheric obs

b0100 is a CCSM3.5 run nudged to g3_5_19.11 solution
0.5° atm/land

2° atm/land

R&S CLIM [1.5S-1.5N MEAN] [1980–1999]

b35.014e [1.5S-1.5N MEAN] [1980–1999]

Improved SE USA rainfall.