

— Moderating GHG Emissions

Accelerating GHG Emissions

Average of 15 moderating projections

Average of 15 accelerating projections

These are projections of temperatures & precipitation by 15 different climate models (chosen for their reasonably accurate simulations of global & western-US climate statistics during 1950-2005) in response to two different assumptions regarding future greenhouse-gas emissions.

By end of century, all annual temperatures are projected by climate models to be anywhere from about 3 to 12°F warmer than the warmest years historically, depending on future greenhouse-gas emissions, while tprecipitation decreases modestly. The extremes of year-to-year precipitation are projected to increase as the century progresses.

