



NA-CORDEX: Overview and Sample Results

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The North American CORDEX program (NA-CORDEX) has produced a good number of projections of climate according to the first phase of the CORDEX program. These simulations are based on a wide range of regional and global climate models, and some matrices of combinations have resulted. The RCMs involved include: WRF, CanRCM4, CRCM5, RegCM4, RCA4, and HirHam5. Driving GCMs include: EC-EARTH, CanESM2, HadGEM2-ES, GFDL-ESM2M, MPI-ESM-LR. These GCMs nicely span the equilibrium climate sensitivity of the GCMs making up the CMIP5 suite of models. Simulations have been performed both at .44 and .22 spatial resolutions and often for both RCP8.5 and 4.5. We will present an update of the status of NA-CORDEX, an overview of the simulations, and some of the results for North America, focusing on the quality of the baseline climate simulations and the projections of precipitation and temperature.