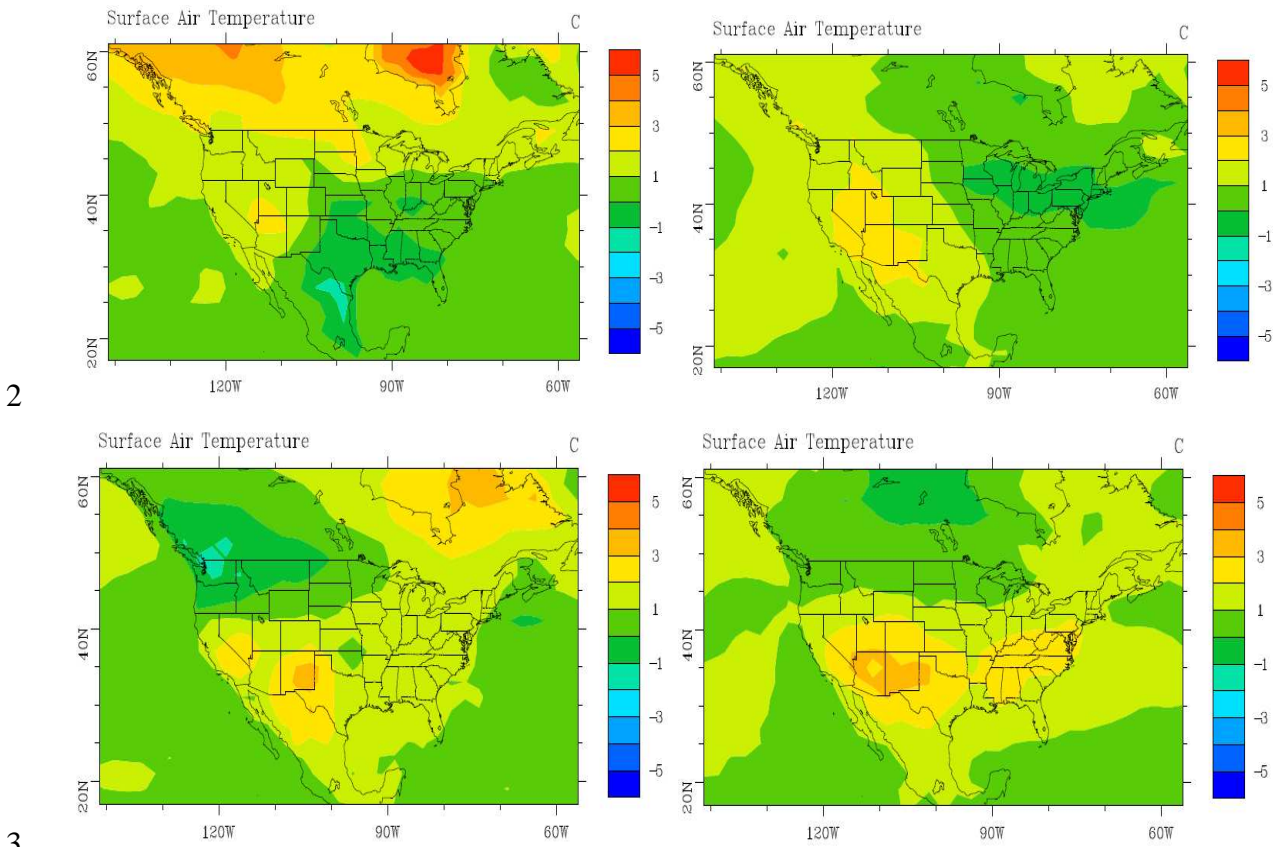
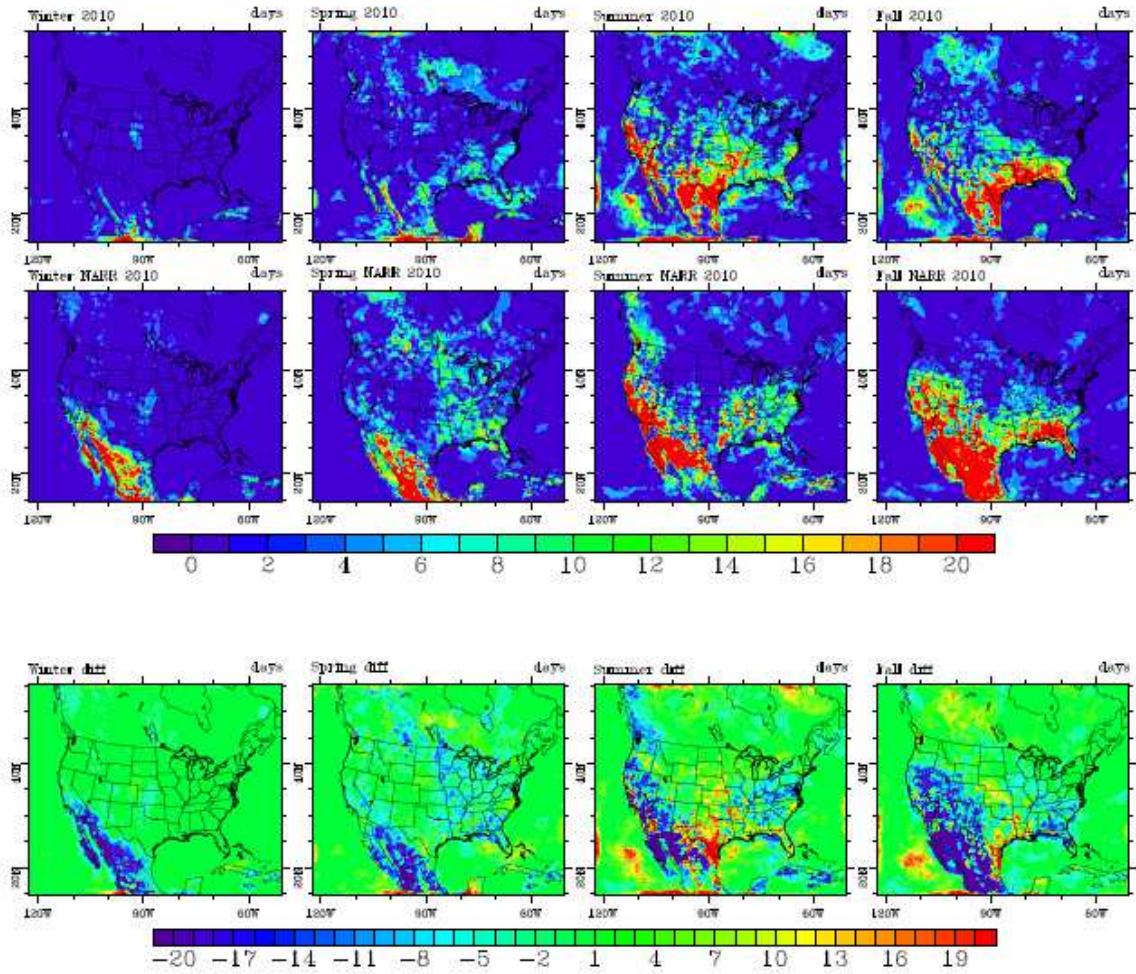


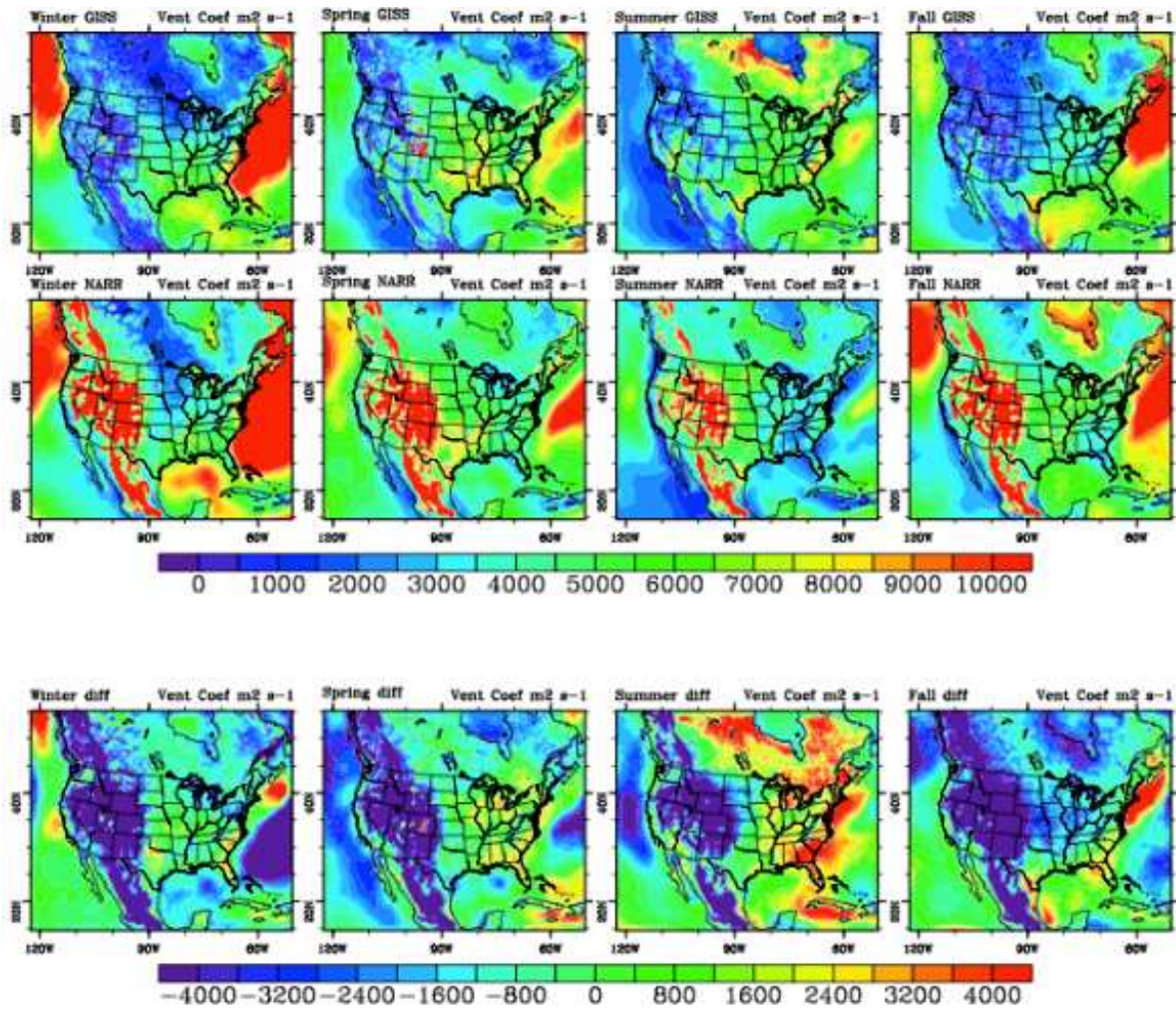
1 **Supplementary**



**Figure s1.** Seasonal GISS GCM surface air temperature (SAT) difference: winter (top left), spring (top right), summer (bottom left), fall (bottom right).



7  
 8 **Figure s2** Number of stagnation days per season for GISS model downscaled by WRF (top)  
 9 and NCEP-NARR (middle) and the difference (GISS minus NCEP-NARR) (bottom)  
 10

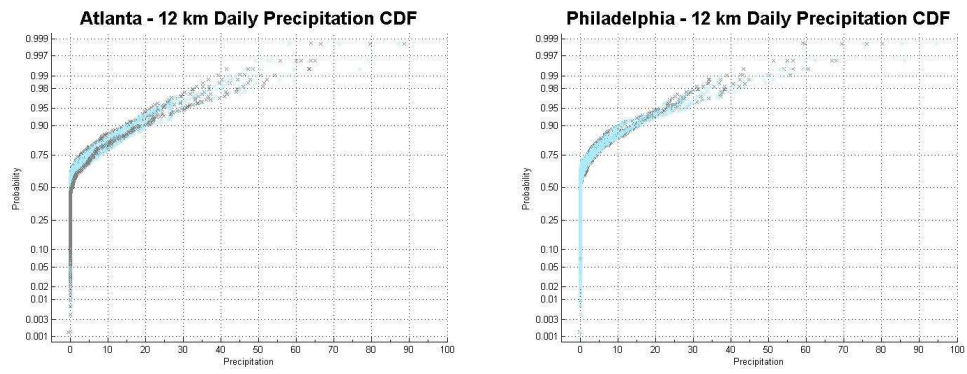


11

12 **Figure s3** Ventilation coefficient for GISS model downscaled by WRF (top) and NCEP-  
 13 NARR (middle) and the difference (GISS minus NCEP-NARR) (bottom)

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17 **Figure s4.** Cumulative distribution of 12 km historic (dark) and future (light) daily  
18 precipitation in Atlanta (Left) and Philadelphia (Right).

19