In this section we present basic aspects of the time-mean climate and variability from extended simulations of the SPEAR_LO and SPEAR_MED simulations. Since this is a newly developed model it is useful to have some broad perspective on the ability of the model to simulate aspects of the Earth’s climate. Unless noted otherwise, figures showing model output are calculated based on time-means over years 21-100 of a control simulation forced with atmospheric composition corresponding to calendar year 2010.

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REFERENCES


Acknowledgements

Observational precipitation data sets (GPCC and GPCP) provided by the NOAA/OAR/ESRL PSD, Boulder, Colorado, USA, from their Web site at https://www.esrl.noaa.gov/psd/