



Evaluation of the 10-30 day Extended Range Forecast Performance of the $BCC_A GCM2.1$ Model and Analysis of Associated Influencing Factors

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The 10-30 day extended range forecasting performance of the $BCC_A GCM2.1$ model with high horizontal resolution has been evaluated using a heavy snowstorm process over central–southern China in early 2008, including the spatial distribution and temporal evolution. The $BCC_A GCM2.1$ model has good performance at 10–30 day extended range forecasting timescale. Further analysis of the associated day-to-day variability of SST external forcing plays a key role in the performance of the $BCC_A GCM2.1$ model at 10–30 day extended forecasting timescale through affecting the atmospheric internal variability.