

Abstract Submitted
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Determining what caused the error in the prediction of the December 1st, 2013 snow storm using the Weather Research and Forecasting Model NIKUNJKUMAR PRAJAPATI¹, JOSEPH TROUT, None — The severity of snow events in the northeast United States depends on the position of the pressure systems and the fronts. Although numerical models have improved greatly as computer power has increased, occasionally the forecasts of the pressure systems and fronts can have large margins of error. For example, the snow storm which passed over the north east coast on the week of December 1, 2013, which proved to be much more severe than predicted. In this research, The Weather Research and Forecasting Model(WRF-Model) is used to model the December 1, 2013 storm. Multiple simulations using nested, high resolution grids are compared.

¹Research in computational atmospheric physics

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None

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