



WRF-Chem V3.5: A summary of status and updates

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We will describe recent updates to the community version of the Weather Research and Forecasting (WRF) model as it is coupled with chemistry. WRF-Chem V3.5 will be released in March of 2013. This latest version includes many new additional features such as new aqueous phase chemistry options, new chemistry packages, a new convective parameterization that includes the aerosol indirect effect, and another aerosol package. New links to meteorological physics parameterizations have also been added to expand capabilities to simulate the aerosol direct and indirect effects. An overview of the current status of this modeling system and ongoing as well as future development will be discussed. In addition some applications as well as evaluation results will be presented.