

7.3 The new Thompson and Eidhammer 'aerosol-aware' microphysics scheme

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As of the latest public version of WRF (v3.6) the Thompson et al (2008) scheme has been updated to include aerosols activating as cloud condensation and ice nuclei (Thompson and Eidhammer, 2014). Important implementation details and assumptions will be discussed as well as results of high-resolution testing using sensitivity experiments.