

Agenda for 2007 Ad Hoc Meteorological Modeling Group meeting

Location: NCAR Foothills Laboratory, Boulder CO

Dates: June 14th – June 15th, 2007

Thursday, June 14th:

- 9:00 – 9:15 Welcome and Introductions
- 9:20 – 10:00 Comparisons between a 3DVAR/MM5 simulation and a nudged MM5 simulation
(Mike McAtee – Aerospace Corp)
- 10:00 – 10:40 Status of RAMS model and recent met/AQ applications
(Craig Tremback – ATMET)
- 10:40 – 11:20 36/12/4km performance of 2005 MM5 Simulation for the Upper Midwest
(Dennis McNally – Alpine Geophysics)
- 11:30 – 1:00 Lunch
- 1:00 – 1:40 Performance and improvement of MM5 for CAMx modeling in Southern CA
(Sang-Mi Lee - SCAQMD)
- 1:40 – 2:20 Evaluation of Air Quality Forecasting with Weather Classification
(D. Byun – University of Houston)
- 2:20 – 3:00 Implementation of Pleim-Xiu Land Surface Model and Version 2 of the
Asymmetric Convective PBL Model in the Weather, Research and Forecasting
Model (WRF) - (Rob Gilliam - EPA)
- 3:00 – 3:20 Break
- 3:20 – 4:00 Demonstration of tool for extracting MM5 data for use in AERMOD applications
(Mark Evangelista - NOAA ARL)
- 4:00 – 4:40 Effects of Cloud Attenuation on Air Quality: A Comparison of Model Treatments
(Pat Dolwick – EPA)

Friday, June 15th:

- 8:00 – 8:40 Discussion on NCEP modeling activities
(Peter Manousos – First Energy)
- 8:40 – 9:20 Evaluating Meteorological Variables for Biogenic Emissions Modeling
(Kirk Baker - LADCO)
- 9:20 – 10:00 The Impact of Nudging in the Meteorological Model for Retrospective CMAQ Simulations
(T. Otte - EPA)
- 10:00 – 10:40 Regional Climate Modeling using Downscaled GCM data with MM5
(B. Anderson – EPA)
- 10:40 – 11:20 Open forum or Open Presentation Slot
- 11:20 – 12:00 Wrap Up