

VORTEX2 Planning Meeting

National Center for Atmospheric Research, Foothills Lab
Boulder, Colorado
23 and 24 February 2009

Monday, 23 February

Foothills Lab, Building 1, Room 2198 ("EOL Atrium")

8:30 am Welcome, meeting objectives, and project overview
presenters: Dowell, Rasmussen

Meeting Goals

1. Overview various platform objectives and deployment issues
2. Formulate the operational coordination and decision plan
3. Provide information about VORTEX2 dates, logistics, communications, etc.

Project dates, size, and scope
Paradigm for VORTEX2 (including differences from VORTEX1)
Outline of a typical operations day

9:00 am Communication and coordination
presenters: Rasmussen and Wicker
contributor: Kennedy

Lightning Talks

Before the meeting, presenters and contributors should work together to prepare slides. The presenter is responsible for giving the "lightning talk". Presentations should be limited to 5-6 *slides total*, roughly as follows:

Presentation (10 minutes)

- Instrument description (1 slide)
- Science objectives (1 slide)
- Deployment strategies (2 slides) (If applicable, consider describing possible strategies for both slow- and fast-moving storm scenarios.)
- Additional information (information flow needed among teams and field coordinator, unusual aspects of the team's mission, unresolved issues, and/or items that need group feedback) (1-2 slides)

Questions and answers (5 minutes)

Meeting participants are generally familiar with the instruments and science objectives. **Therefore, the majority of the time should be spent on deployment strategies and unique aspects of the team's mission.** Also, at least **5 minutes** of the allocated time should be reserved for **questions** at the end of the presentation.

9:30 am Storm-scale and polarimetric radar overview
presenter: Biggerstaff
contributors: Burgess, Ziegler, Bluestein

9:45 am Mesocyclone-scale radar overview
presenter: Wurman

10:00 am Tornado-scale radar overview
presenter: Bluestein and Frasier
contributor: Weiss

10:15 am Break

10:30 am Tornado photogrammetry and damage surveys
presenters: Atkins and Wakimoto

10:45 am Mobile mesonet overview
presenter: Richardson and Markowski

11:00 am StickNet overview
presenter: Weiss

11:15 am Particle probe overview
presenters: Romine, Friedrich, and Straka

11:30 pm Unmanned aerial system (UAS) overview
presenters: Rasmussen, Argrow, and Houston

11:45 pm Sounding overview
presenter: Parker

noon Lunch at NCAR cafeteria

1:00 pm Discussion

3:00 pm Break

3:15 pm Discussion

3:45 pm Adjourn

6:30 pm Dinner hosted by Center for Severe Weather Research
1945 Vassar Circle, Boulder

Tuesday, 24 February

Foothills Lab, Building 1, Room 2198 ("EOL Atrium")

- 8:30 am VORTEX2 forecasting and support
presenters: Wicker and Coniglio
contributors: Weisman, Weygandt, Xue
- 9:00 am Additional discussion of items from yesterday
- 10:00 am Break
- 10:15 am Data management
presenters: Dowell, Williams
- Data policies, research workshops
 Field catalog, data archive
- 10:45 am Project logistics
discussion leaders: Dowell, Wicker, and Wurman
- Coordination with fixed-site Oklahoma instruments
 Access to National Weather Center
 Media relations
 Crew schedules and training
 Other logistical support (garage space, shipping, emergencies, etc.)
 Hotel reservations
- 11:30 am Summary of unfinished business and "action items"
discussion leaders: Dowell and Rasmussen
contributors: all
- noon Adjourn

Acknowledgments: The NCAR Mesoscale and Microscale Meteorology (MMM) division is sponsoring refreshments for the meeting. Sudie Kelly, Bonnie Slagel, and Kathy Morgan provided helpful assistance with planning the meeting.