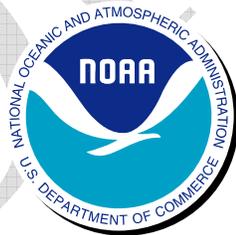


Next Generation Warning Services Workshop Agenda

December 2-4, 2008 Norman, OK

- Optimize threat information services
- Explore new and emerging technologies
- Collect creative ideas to improve future watch, warning, and advisory services
- Infuse social science expertise into watch, warning and advisory services



Next Generation Warning Services Workshop

Tuesday, December 2, 2008 through Thursday, December 4, 2008

National Weather Center, Norman, OK

Draft Agenda

Tuesday, December 2

- **Today's Goals – Establish Where We Are With NWS Warning Services**
 - Provide a status on current NWS warning services
 - Discuss emerging technologies/capabilities that could impact warning requirements
-

7:30 Registration in Lobby of National Weather Center Opens -Coffee Available

8:15 Welcome and Overview

- Welcome from University of Oklahoma - John Snow / Kevin Kloesel
- Welcome from NOAA/NWS Leadership - Joe Schaefer / Kevin Kelleher
- Purpose, Objectives and Expectations - Eli Jacks

8:45 Where We Are -- NWS Perspective

(Short presentations by key NWS program leaders for Extreme Winter Weather (Eli Jacks), Severe Thunderstorm/Tornado (John Ferree), Flooding (Tim Helble), Fire Weather (Carl Gorski), Homeland Security (TBD), Coastal/Marine (Richard May), Hurricane/Tropical Storm (Matt Moreland))

- Current watch, warning, advisory products and services
- Recent program changes
- Known product and service deficiencies

9:45 Where We Are -- Partner Perspectives - Part 1

- William Woodley
- Chuck Doswell

10:15 Break - Student Poster Session (Kevin Kloesel)

10:45 Where We Are -- Partner Perspectives - Part 2 (Volunteers?)

- Opportunity to give 15 minute presentations
- Will adjust agenda as needed

11:30 Lunch - Box Lunch (At cost - cash at registration)

12:30 Where We Are -- User Perspective from Local Community

- Emergency Managers
- First Responders
- Insurance Companies
- Health Care Providers
- Outdoor Venues
- Community Infrastructure

- 1:30 Where We Are - Social Science Perspective** (Eve Gruntfest/Julie Demuth/Gina Eosco)
 - Weather & Society Integrated Studies (WAS*IS) Update
 - Overview of Norman National Weather Center Societal Impacts Projects
 - Results from the Communication of Uncertainty Survey
 - Warnings and Graphics - The Current Understanding of the Cone of Uncertainty
- 2:30 Break**
- 2:50 Where We Are - Geospatial Perspective** (Rick Koehler)
 - Where we are
 - Where we need to be
- 3:20 Where We Are – Science & Technology Impacts on Warning Services**
 - New observational data (radar, satellite, mesonets, web cams, etc.)
 - New model data
 - Warn-On-Forecast
 - The changing face of dissemination technology (DEAS, IPAWS, Cell Phones)
- 4:15 Introduction to Breakout Session - Results of Survey** (Eli Jacks / John Ferree)
(Questions will be distributed in advance)
- 4:30 National Weather Center/Hazardous Weather Testbed Tour** (Daphne Thompson)
- 5:30 Adjourn**
- 6:30 Evening Social (Coaches Restaurant - Order from Menu)**

Wednesday, December 3

- **Today's Goal: Outline Where We Need To Go With Watches, Warnings, and Advisories**
 - *Define requirements for modernized warning services*
 - *Develop a vision of how future NWS warning service should evolve*
-

- 8:30 Recent Research on Public Response** (Brenda Philips/ Havidan Rodriquez)
- 9:00 Breakout Session I: Developing a Database of Watch/ Warning/Advisory Requirements** (Facilitators -- John Ferree, Eli Jacks, Eve Gruntfest, Kevin Kloesel, Kevin Scharfenberg, Rick Smith) *(Discussion should be unconstrained by existing formats, policy, software, or dissemination and oriented at moving toward decision support services for Extreme Winter Weather, Severe Thunderstorm/Tornado, Flood, Fire Weather, Homeland Security, Coastal/Marine/Rip Currents/Tsunami, and Hurricane/Tropical Storm)*
--Includes break--
- 11:15 The Next Generation Warning Tool (NGWT) -** (John Ferree)
 - From products to decision support services
 - Proposed roadmap for NGWT

12:00 Lunch (Box Lunch - At Cost)

1:00 Watch/Warning/Advisory Verification - (Brent Macaloney)

- Current state and known deficiencies
- Proposed improvements
- What are we missing?

1:30 Storm Event Documentation (Observations, Storm Data, Service Assessments)

(John Ferree and Brent Macaloney)

- Current state and known deficiencies
- Proposed improvements
- What are we missing?

2:00 Break

2:15 Breakout II – Propose Future Solutions - (Same Groups - Same Facilitator)

- What does the watch/warning/advisory look like?
- Text Output - Use of CAP/XML or other formats?
- Graphic Output - Grids, GIS, or other formats?

3:30 Breakout Group Facilitators Present Reports/Group Discussion

5:00 Adjourn

Thursday, December 4

Today's Goal - Complete the vision and outline next steps

8:30 Review of Findings from first two days (Eli Jacks and John Ferree)

- Information requirements
- Graphic and text outputs

9:00 Roundtable Discussion

- Academic Involvement (10 min)
- Emergency Management Needs (10 min)
- Media Needs (10 min)
- Vendor Needs (10 min)

10:15 Break

10:35 Next Steps (Eli Jacks and John Ferree)

- Follow-up activities (mailing list, blog, other?)
- Did we meet the goal?
- Closing remarks

11:30 Workshop Ends