

Aviation Weather Community Forum
Tuesday April 14, 2009

“Defining the National Aviation Weather Community”

- 8:00 a.m. **Registration and Welcome Gathering**
National Weather Service Training Center Auditorium
- 9:00 a.m. **Welcome Address**
Pat Murphy
Warning Coordination Meteorologist, Aviation Weather Center
- 9:10 a.m. **Opening Remarks**
Bob Maxson
Director, Aviation Weather Center
- 9:30 a.m. **Keynote Address**
Dr. Jack Hayes
Director, National Weather Service
- 10:30 a.m. **Morning Break**

Session 1: Who We Are: Aviation Weather Users

Moderator: Pat Murphy, Aviation Weather Center

- 10:45 a.m. **Airline Weather Decisions and Impacts**
Stephanie Klipfel
Delta Airlines
- 11:15 a.m. **Air Traffic Control System Command Center:
Traffic Management Mission and Introduction**
Kevin Johnston
Federal Aviation Administration
- 11:45 a.m. **Lunch Break (Optional CFC Cookout at NWSTC for \$5.00)**
- 1:15 p.m. **Operators/Dispatch Mission and Weather Needs**
Randy Baker
United Parcel Service Airlines
- 1:45 p.m. **Pilot Planning, Briefing and Safety Mission and Introduction**
Chuck Tackett
Lockheed Martin
- 2:15 p.m. **NextGen Weather Information**
Mark Andrews
National Weather Service Meteorological Services Division
- 2:45 p.m. **Afternoon Break**

Aviation Weather Community Forum
Tuesday April 14, 2009

Session 2: Who We Are: Aviation Weather Providers

Moderator: Marc Singer, Aviation Weather Center

- 3:00 p.m.** **Alaska Aviation Weather Center**
Jeffrey Osiensky
Deputy Chief, ESSD/National Volcano Program Manager / Regional WCM
National Weather Service Alaska Region
- 3:30 p.m.** **United States Air Force Weather**
15th Operational Weather Squadron
Major Hugh Freestrom
United States Air Force
- 4:00 p.m.** **Pacific Region Aviation Mission**
Tim Hendricks
Regional Operational Services Meteorologist
National Weather Service Pacific Region Headquarters
- 4:30 p.m.** **Center Weather Service Unit and National Weather Service**
Forecast Office Mission and Introduction
Matt Lorentson
Supervisory Meteorologist
Center Weather Service Unit, Albuquerque, New Mexico
- 5:00 p.m.** **Adjourn**

Aviation Weather Community Forum
Wednesday April 15, 2009

“Safe and Efficient Flight: Collaboration and Communication”

8:00 a.m. **Opening Remarks**
Michael P. Murphy
Warning Coordination Meteorologist, Aviation Weather Center

8:10 a.m. **Keynote Address**
Richard Heuwinkel
Federal Aviation Administration

Session 1: Who We Are: Aviation Weather Providers

Moderator: JoAnn Becker, Aviation Weather Center

9:00 a.m. **Aviation Weather Center Mission and Introduction**
Larry E. Burch
Deputy Director, Aviation Weather Center

9:30 a.m. **Storm Prediction Center Mission and Introduction**
Dr. Joseph T. Schaefer
Director, Storm Prediction Center

10:00 a.m. **Morning Break**

10:15 a.m. **Space Weather Prediction Center Mission and Introduction**
Joseph Kunches
Supervisory Space Scientist, NCEP Space Weather Prediction Center

Session 2: Safety and Tactical Information

Moderator: Gregory Harris, Aviation Weather Center

10:45 a.m. **Aviation Weather Testbed**
C. Bruce Entwistle
Science and Operations Officer, Aviation Weather Center

11:15 a.m. **Weather Impacted Traffic Index**
Alexander Klein
Air Traffic Analysis, Inc.

12:00 p.m. **Lunch Break**

1:30 p.m. **Improving Pilot Safety**
Jonathon J. Greenway
Chief Flight Instructor, AOPA Safety Foundation

**Aviation Weather Community Forum
Wednesday April 15, 2009**

2:00 p.m. **Translating Forecast Data for Traffic Flow Management**
John Huhn
Center for Advanced Aviation Systems Development, The MITRE Corporation

2:30 p.m. **Aviation Weather Center Qualified Internet Certification
Process and Consolidated Aviation Web Services**
Clinton Wallace
Aviation Support Branch Chief, Aviation Weather Center

2:50 p.m. **Afternoon Break**

3:00 p.m. **Breakout Sessions**

Room	Session	Topic
124	A	Planning for an Annual Interagency Aviation Weather Awareness Campaign
125	B	Alaska Aviation Weather Center / Aviation Weather Center / Honolulu NWSFO Coordination Issues
128	C	Performance Measures Using the Weather Impacted Traffic Index (WITI) or Similar Verification for the Collaborative Convective Forecast Product (CCFP)
AWC	D	Aviation Weather Center Tour and Domestic Forecast Demonstration
Additional Sessions to be Determined by Forum Participants		

5:00 p.m. **Adjourn**

Aviation Weather Community Forum
Thursday April 16, 2009

“The Future of Aviation Weather”

8:00 a.m. **Opening Remarks**
Michael P. Murphy
Warning Coordination Meteorologist, Aviation Weather Center

8:10 a.m. **Keynote Address**
Bruce Landsberg
President, AOPA Air Safety Foundation

Session 1: Aviation Weather Research

Moderator: Jennifer Zeltwanger, Regional Aviation Meteorologist, National Weather Service Central Region Headquarters

9:00 a.m. **Global Science Division of the Earth Systems Research Laboratory Aviation Weather Support**
Darien Davis
Global Systems Division, Earth System Research Laboratory

9:30 a.m. **Morning Break**

9:45 a.m. **Aviation Weather Research Program**
Warren Fellner
Project Manager, FAA Aviation Weather Research Program

10:15 a.m. **National Center for Atmospheric Research Aviation Weather Support**
Dr. Bruce Carmichael
Director, Aviation Applications Program, Research Applications Laboratory National Center for Atmospheric Research

10:45 a.m. **Aviation Weather Research Program Advances in Aviation Weather Hazard Detection and Forecasting**
James Pinto
Project Scientist, Research Applications Laboratory at NCAR

11:15 a.m. **Meteorological Development Laboratory Aviation Weather Support**
David Ruth
Deputy Director, Meteorological Development Laboratory, NWS

11:45 a.m. **Lunch Break**

Aviation Weather Community Forum
Thursday April 16, 2009

Session 2: NextGen

Moderator: Pat Murphy, Aviation Weather Center

1:00 p.m. NextGen Review and Lead-In to Breakout Session

Steve Abelman

Aviation Focal Point

National Weather Service Office of Science and Technology

Richard Heuwinkel

Federal Aviation Administration

2:00 p.m. Afternoon Break

2:15 p.m. Breakout Sessions

Room	Session	Topic
124	A	Follow-up to September 2008 Aviation Weather Center SIGMET Meeting
Auditorium	B	NextGen Collaboration: Defining the 4-D Weather Cube and the Single Authoritative Source
AWC	C	Aviation Weather Center Tour and International Forecast Demonstration
Additional Sessions to be Determined by Forum Participants		

4:15 p.m. Farewell Address

Bob Maxson

Director, Aviation Weather Center

4:30 p.m. Adjourn