

Draft Planning Agenda for Fed Agency TEM Day 3: Multi-Use Weather

1130-1140 Welcome and Announcements

1140-1150 Overview of TEM/Review of Day 2

1150-1300 Weather Support to Commercial Space

- How will the boom in commercial space affect aviation weather operations? What are their requirements, and what role(s) will government agencies play in weather support for these operations?
 - o Stratospheric payloads
 - o Orbital flights
 - o Launch and reentry
 - o Interplanetary travel

Panelists: FAA (Karl Garman), SWPC (Hazel Bain), NASA (Kathy Rice), DoD (Omar Nava)

1300-1330 Break

1330-1440 Multi-Use Weather

- Capabilities that agencies are working on that could be leveraged for aviation weather or has an aviation weather component
 - o MRMS
 - o Satellite
 - o DOE
 - o Volcanic
 - o Open discussion among audience

Panelists: GOES-R (Dan Lindsey), NSSL (Heather Reeves), DOE (Sally McFarlane), TBD

1440-1450 Break

1450-1555 Aviation Weather in the Future

- What are the visions in context of weather information, especially for aviation or affecting aviation?
 - o New data sources
 - o New data communication methods
 - o Cloud computing and processing, including multi-agency collaborations
 - o Climate Change
 - o New airframes and engines (composite materials, new fuels, etc.)
 - o New routes and pathways (supersonic flight, sub-orbital, etc.)

Panelists: FAA (Mike Emanuel), DoD (TBD), NOAA (Mark Zettlemyer), NTSB (Don Eick - tentative)

1555-1600 Highlights from the day, preview tomorrow's agenda Jeff Weinrich, NOAA

1600 End of Day 3