

Unmanned Aerial System Weather Forum



*Co-located Partner Event at AUVSI's XPONENTIAL
8 May 2017, Dallas, TX*

The UAS Weather Forum provides a platform for UAS operators; federal & state agencies; weather researchers & providers; trade groups; safety & insurance groups; UAS manufacturers; & others to:

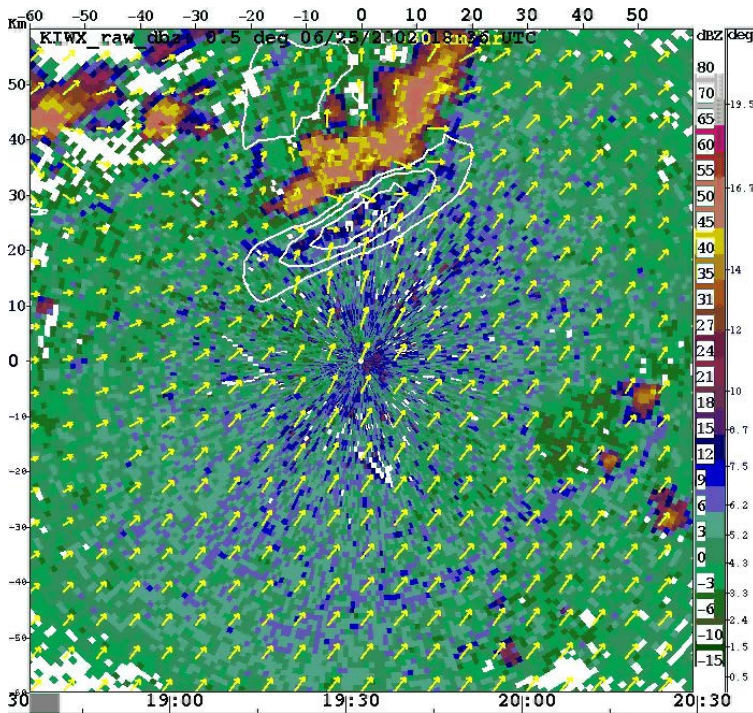
- Share experiences with expected & unexpected weather impacts
- Engage in a dialogue about weather needs for UAS operations
- Collect requirements for developing better weather guidance
- Cultivate strategies on how to make progress with needed weather support
- Assist regulators with safe integration of UAS into the national airspace system considering weather impacts
- Explore opportunities for using UAS-sensed environmental information for enhanced situational awareness & better weather prediction
- Facilitate weather education & outreach

Do you understand performance limitations of your UAS?



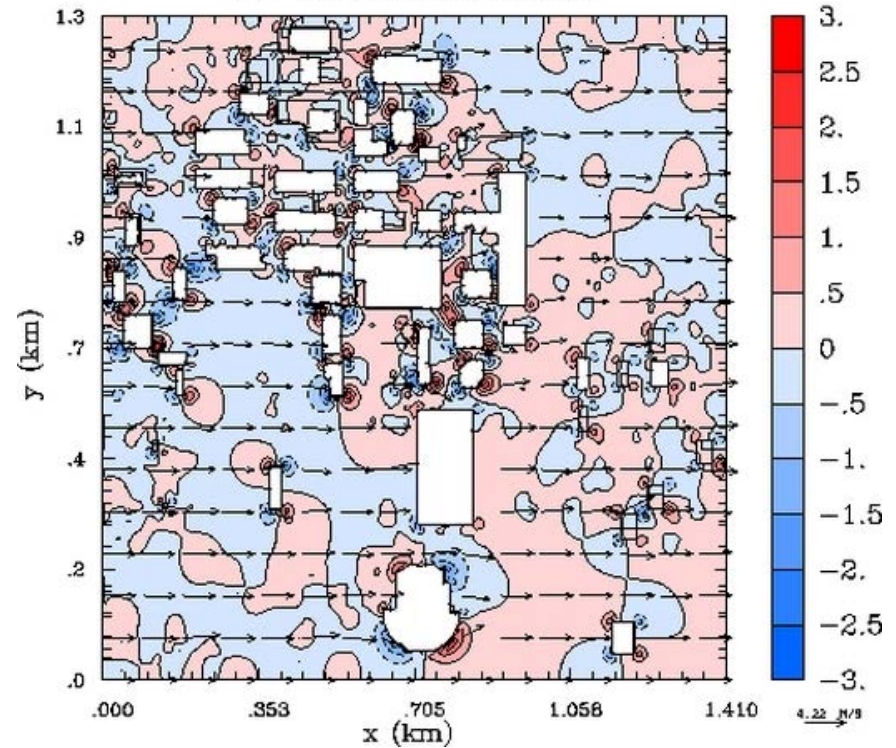
Do you understand environment you are operating in?

Thunderstorms



50 km

Urban Canyons



1 km

- Manufacturer & Operator Perspective
Joe Burns, Sensurion Aerospace
- Operations in Harsh Environments
Cathy Cahill, University of Alaska Fairbanks
- Collection & Use of UAS-sensed Information
Brian Argrow, University of Colorado Boulder
- UAS-based Inspection of Infrastructure
Chris Theisen, Northern Plains UAS Test Site
- UAS Support for Battlefields
David Knapp, Army Research Laboratory
- NASA UTM Experience
Marcus Johnson, NASA Ames Research Center
- National & International Regulations for Airspace Integration
Andrew Thurling, AeroVironment
- Open Discussion with Panelists & Audience