



**Collaborative Adaptive Sensing of the Atmosphere (CASA WX)
Executive Council Minutes
NCTCOG, Fred Keithley Conference Room
February 14, 2018 9:30 AM - 11:30 AM**

Call to Order and Opening Remarks

Amanda Everly, CASA WX Co-Chair

Guests, Introductions

Amanda Everly, CASA WX Co-Chair

Administrative Business

Amanda Everly, CASA WX Co-Chair

Item 1: Approval of October Minutes



CASA WX Members

Minutes approval- **Joe Frizzell: motion, 2nd: David McCurdy**

Item 2: CASA Update

Brenda Philips, CASA

(Flash flood products and validation projects)

App- Android app in April. We need a dozen testers in March

David McCurdy will volunteer to test

Chase: info cannot be in a test phase when app goes to public

Midlothian, HEB, Plano visits: successful

Create white paper for others based on information gained at these meetings

Thought: develop working group of data users

Chase agrees that personal meetings are more beneficial than emails

Create a listserv or email list for quarterly updates from CASA

SKYWARN- open data up to spotters, via network control operators?

Flooding projects-integrating CASA software into existing networks for rain rate across metro

Grand Prairie (OneRain), Plano (environmental compliance observing rain rate over 72 hrs.)

DFW Airport- research project for environmental compliance, de-icing operations

Disdrometer deployed- measures the rain itself, use to compare measurement to CAS radars

FW Storm Water- mapping water shed, overlay maps

Surveying public on attitudes/behavior in flooding

15-min span can predict flooding

Refine area of risk for flash flooding

Tracking mobility patterns

Warning System Layers- environ, infrastructure, policy, people

Public Education is needed

Funding target: corporate sponsors from system technologies investors, i.e. Raytheon, IBM, ATT

Federal government research grants

Chase: Grand Prairie's primary goal is to reduce costs. Find solution

Look at economic development groups & logistics

Need help finding local corporate sponsorships- grants/foundations

NCTCOG Transportation Department is working with Waze: extreme weather pilot program

Show frequency of locations at risk, prioritize funding for projects

Will provide contacts for freight, etc.

NCTCOG E&D- contract with OneRain to create a regional OneRain account for flood gauge data, data is sharable and NCTCOG will own all data. Known low water crossing is collected from region. HGHC share

Item 3: Radar Network Update

Amanda Everly, CASA WX Co-Chair

Operational almost 24/7 (also up during the period that NexRad radar was down for repairs)

Focusing a site at UTD in place of Addison

Timeline: a year out

Collin County College- install on hold, reevaluate after EEC radar (get from AL)

Last radar in inventory

Go West or NE with future radars

Parker, Hood, Hunt County

DR- 4332, Harvey- jurisdictions submit Notice of Intent (NOI), impacted jurisdictions get priority.

#1 Priority: repetitive loss buyouts

US Army Corps of Engineers (USACE) modeling is based off weather service data

How are they getting CASA data? Through UTA?

Item 4: Media Access Update

Brenda Philips, CASA

Must be confident in data to show

Who do we work with in the news stations? What data should they show?

Have cost structures made

Use a pilot program and local news channels can show CASA on TV, March-May, live website feed

No objections from WX

Separate meeting with just meteorologists and Integrated Warning Team (IWT)

Next Steps/Priorities

CASA WX Members

CASA team needs help finding local contacts for private sector

Amanda & Joe have been working with CASA

Adjournment 11:21 AM

Resources: CASA WX Website: www.nctcog.org/CASAWX

Next CASA WX Executive Council Meeting:

May 9, 2018-May 2, 2018

9:30 AM- 11:30 AM

NCTCOG

Fred Keithley Conference Room