

The Power of APRS

Madison County - May 6, 2009

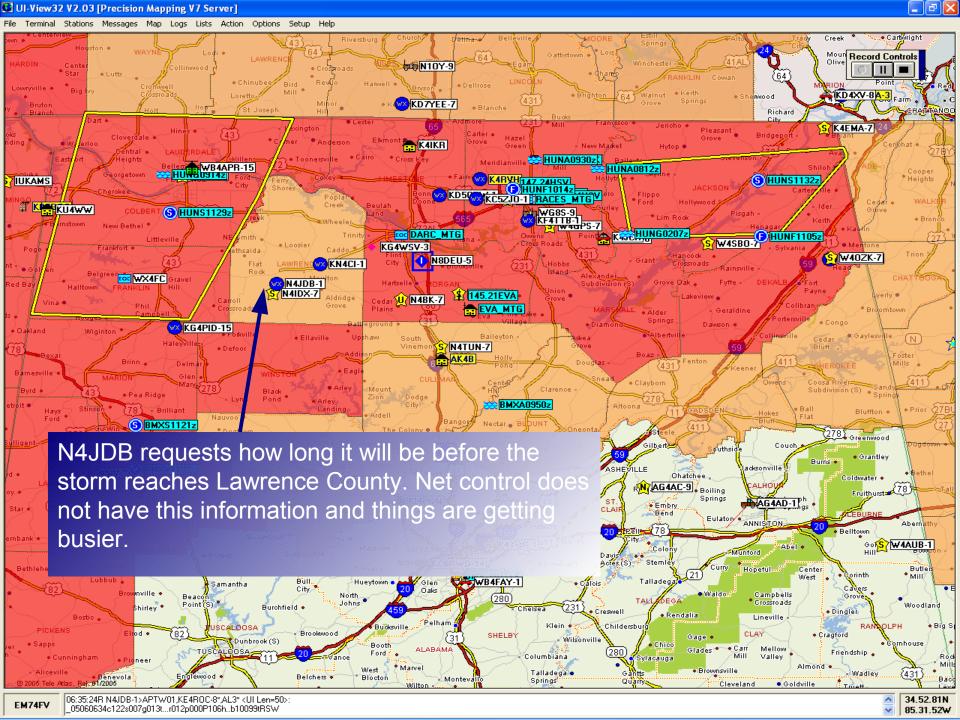
Presented by:
Tim Cunningham - N8DEU
Alabama APRS Coordinator

n8deu@amsat.org n8deu@arrl.net n8deu@qsl.net

APRS - 06-MAY-09

Alabama Packet Radio System

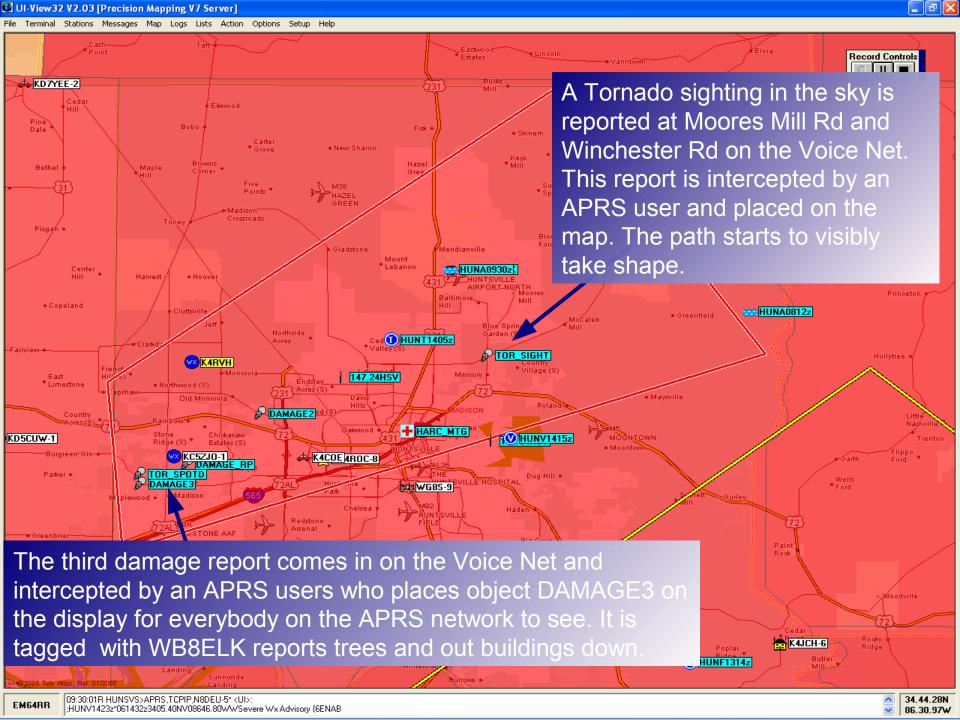
- The weather net was activated around 6:30am on 06-MAY-09
- Every county in the HUN NWS area in North Alabama had pending warnings except for 2 that had watches posted
- As the net became active some of the pending bulletins were announced
- With APRS we have a full view of what was active instantly to augment the Voice Net
- It was a busy morning
- All those on the Voice Net did an outstanding job



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EM640R



APRS – Get the Picture?

- It should be clear APRS delivers real time information
- We know where the NWS bulletins are located
- We know where the spotters are located
- We know where damage has been reported
- The picture of danger is clear and concise
- APRS fills in the missing gaps of the picture
- Messages can be sent via the APRS data network when the voice repeater is out of range for some spotters
- APRS augments the SKYWARN Voice Net
- A Voice Net can be up an running quickly with all the NWS bulletins at their fingertips with APRS
- Why wait until somebody staffs the NWS station
- The time between danger and death is too short

APRS – Get the Picture?

- Situational awareness is key to precise and timely information
- What happens when an area is so devastated and there are no street signs
 - With APRS we know where you are
 - Reports can be plotted easily
 - Information is immediate
- Want NWS bulletins faster with more meaning to situational awareness?
 - Faster than NOAA weather radio alert
 - Faster than SKYWARN Voice Net alert
- Get on the APRS tactical communication data network

Next Step?

- APRS can help solve these questions
 - Should we activate?
 - Should we continue with an informal net?
 - What spotters may be in danger?
- Was this informative?
- Is there any interest in APRS?
- If yes, then we can begin to discuss the simple hardware and software requirements
- You might be surprised that you already have most of what you need

APRS WEB sites

- www.aprs.org
- www.openaprs.net
- www.aprs.fi
- www.findu.com
- www.tapr.org
- www.qsl.net/n8deu
- www.sv2agw.com/ham/default.htm
- www.xastir.org

News Groups

Sign up at http://www.tapr.org

- APRS News
- APRS SIG
- APRS HT
- APRS Spec
- APRS Sat

Software for APRS

Software downloadable from the Web

- APRSdos
- MacAPRS
- WinAPRS
- javAPRS
- palmAPRS
- Waypoint

- APRS Plus
- APRSdigi
- UIView
- APRSPoint
- AGWTracker
- XASTIR



The Automatic Packet Reporting System

Presented by:
Tim Cunningham - N8DEU
Alabama APRS Coordinator

n8deu@amsat.org n8deu@arrl.net n8deu@qsl.net