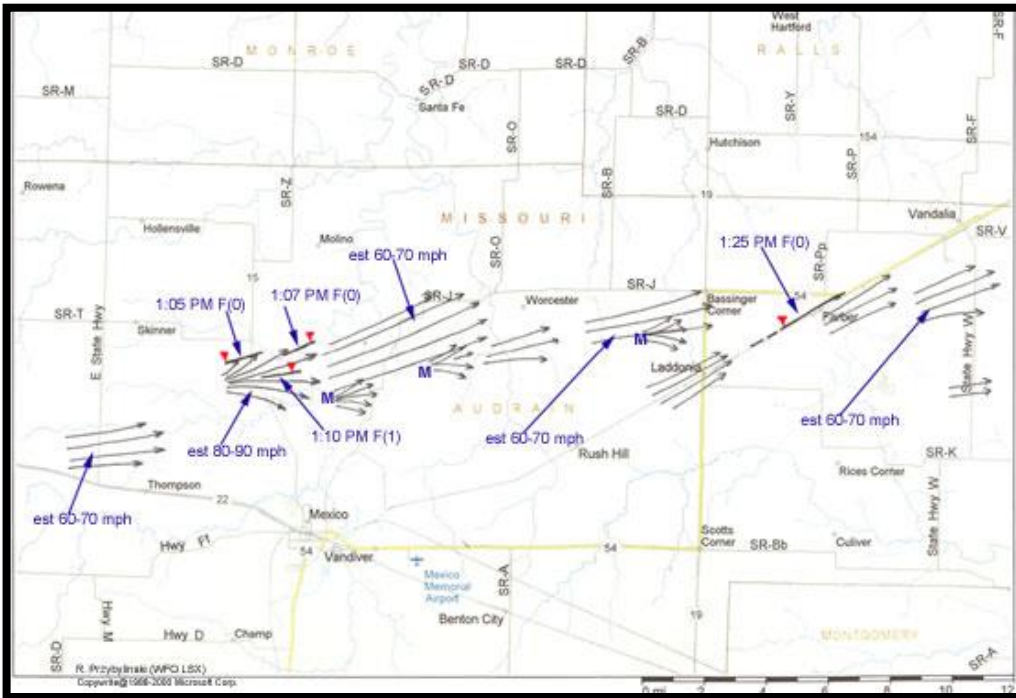


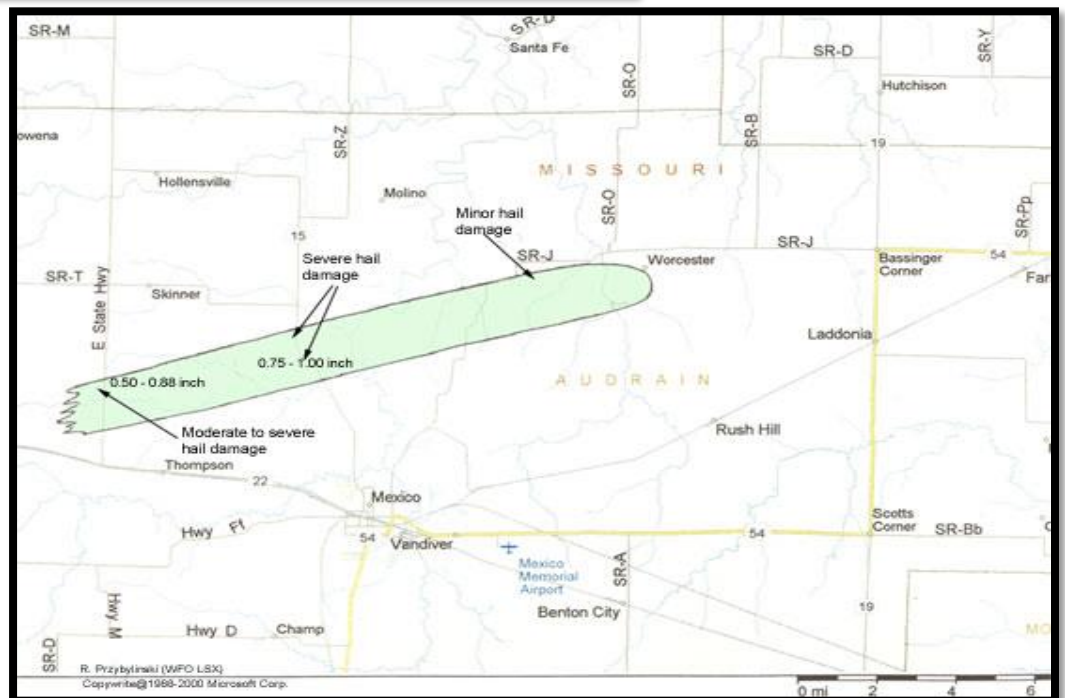
### Overview

During the early to mid afternoon hours of June 22<sup>nd</sup>, 2006, a hybrid High-Precipitation supercell - bow echo structure moved across Audrain and Pike counties in central and northeast Missouri and produced damaging downburst winds, hail and five weak tornadoes. Along with the wind and tornadic damage, severe hail damage occurred over parts of central Audrain County Missouri.

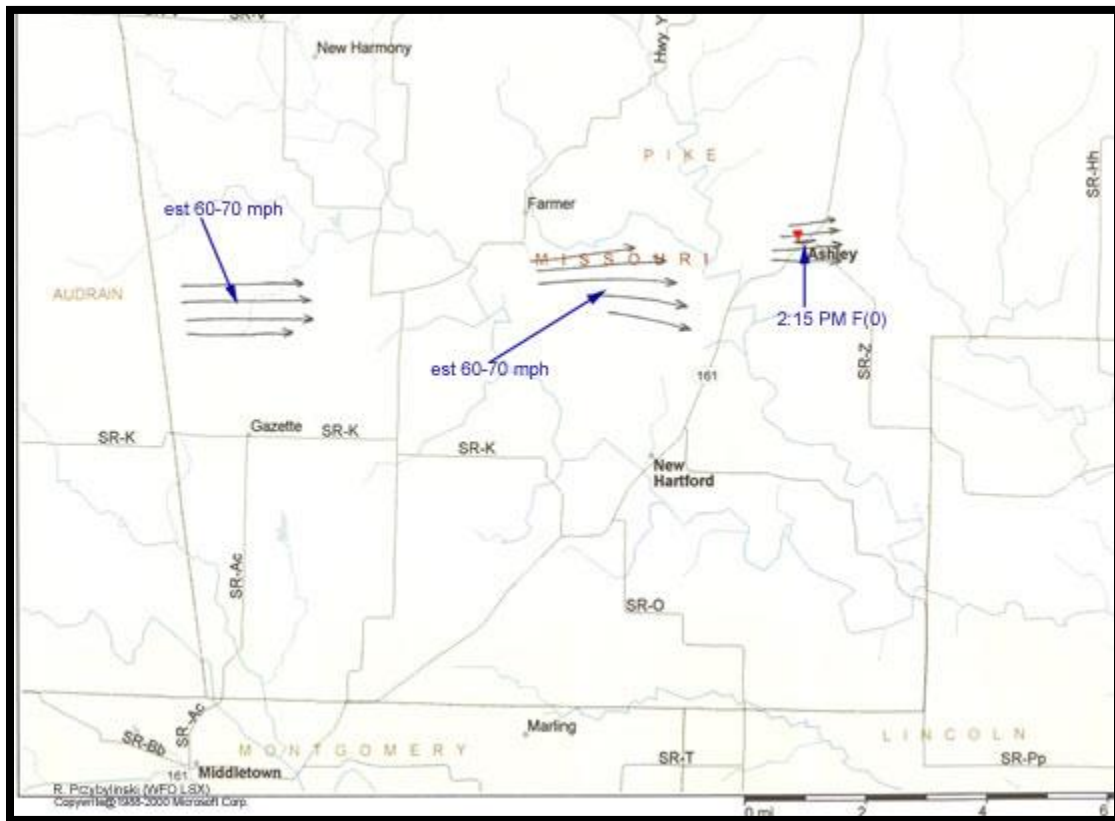


Map of the downbursts and tornadic damage tracks in Audrain County Missouri on June 22<sup>nd</sup>, 2006. Much of the damage occurred over the central and eastern parts of Audrain County. M represents the location of microbursts. Tornadic damage tracks are shown with the Red tornado symbol.

Map of the hail swath over parts of central Audrain County Missouri. The hail swath is nearly parallel to the swath of damaging downburst winds. Severe corn and soybean damage occurred along Highway 15 - 5 to 7 miles north of Mexico, Missouri. Estimated hail size is shown with the area of the swath.



## Environment



**Map of downburst and tornadic damage tracks over parts of southwest Pike County Missouri on June 22<sup>nd</sup>, 2006. Some hail damage to corn occurred with the first downburst north of Gazette, Missouri.**

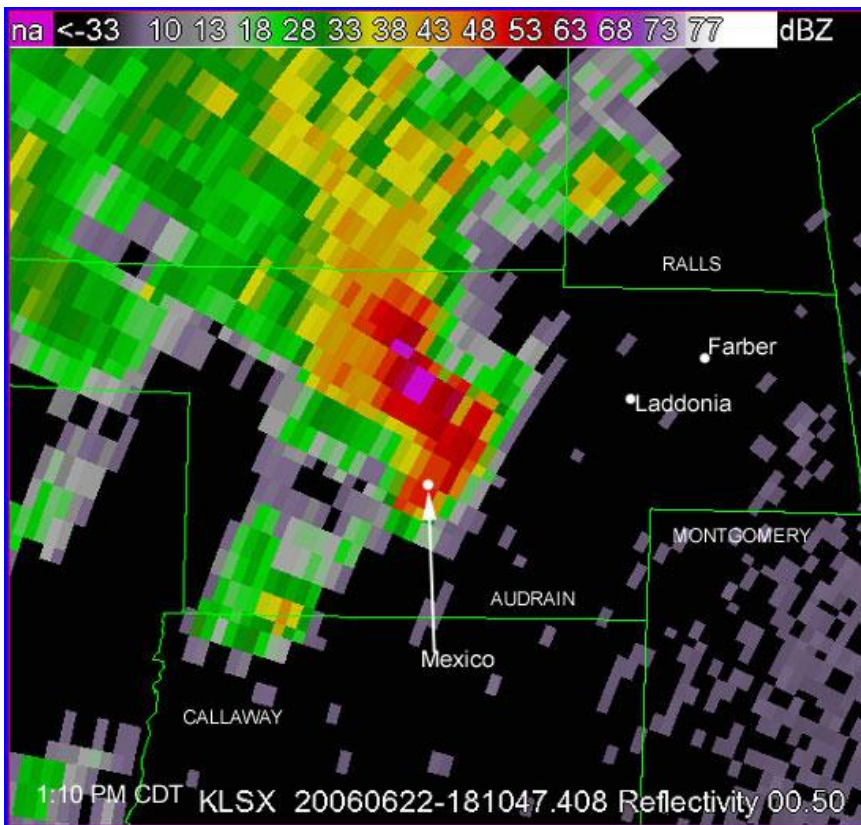
# Damage Surveys



# Damage Surveys

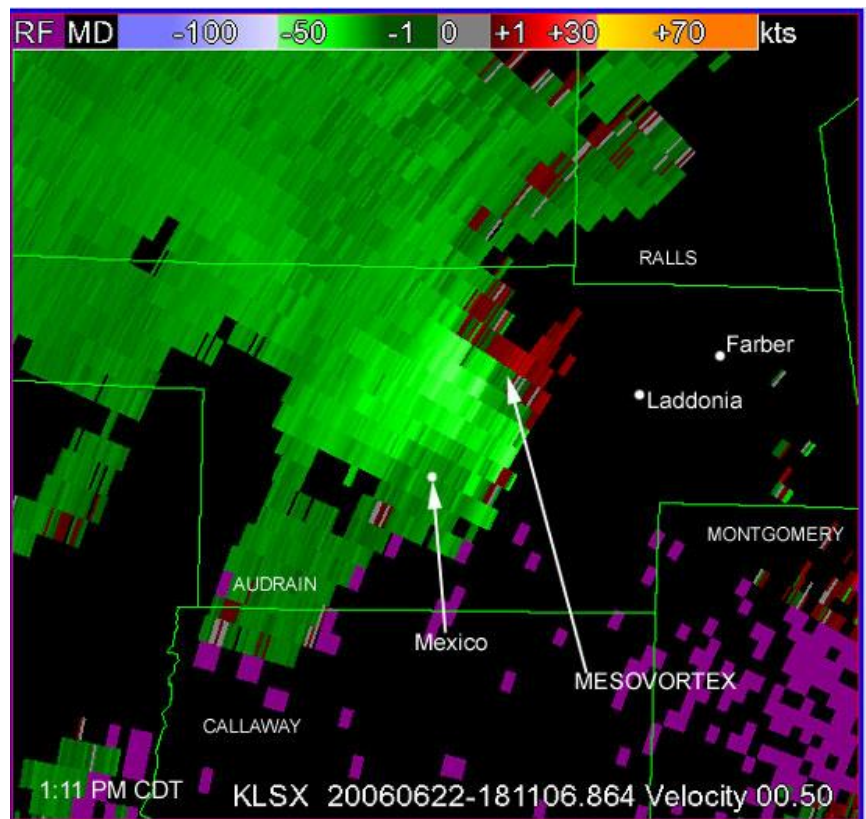


## Radar Data



Reflectivity image from WSR-88D (St. Louis KLSX) at the 0.5 degree elevation slice at 1:10 PM CDT June 22<sup>nd</sup>, 2006. An HP-bow echo storm was responsible for producing the damaging winds, hail and non-supercell tornadoes. Viewing west northwest from KLSX. Images taken from NSSL's Warning Decision Support System WDSS.

Storm-relative velocity image from WSR-88D (St. Louis - KLSX) at 0.5 degree elevation slice at 1:11 PM CDT June 22<sup>nd</sup>, 2006. The bright green color area represents strong 'inbound' velocities towards the radar - or the area of damaging winds. The area of red adjacent to bright green signifies the location of one of two mesovortices observed on this image. Viewing west northwest from KLSX.



Please note that while the severe weather data presented in this event synopsis has been quality controlled, it is still considered unofficial. Official reports & statistics for severe weather events can be found in the **Storm Data** publication (<http://www.ncdc.noaa.gov/IPS/sd/sd.html>) or **Storm Events Database** (<http://www.ncdc.noaa.gov/stormevents/>), available from the National Centers for Environmental Information (NCEI) web page [formerly the National Climate Data Center (NCDC)].

More detailed tornado track information can be accessed using the National Weather Service Damage Assessment Toolkit for all tornadoes beginning in 2012. <https://apps.dat.noaa.gov/StormDamage/DamageViewer/>

***Any questions regarding this event review should be address to [w-lsx.webmaster@noaa.gov](mailto:w-lsx.webmaster@noaa.gov)***