

Severe Thunderstorm Outbreak

April 2nd, 2006

Overview

A line of severe thunderstorms developed during the afternoon across central Missouri and quickly raced east across eastern Missouri and into central Illinois spawning tornadoes and bringing damaging winds in excess of 70 mph to a large portion of the St. Louis metropolitan area. Over 200,000 people lost power during the height of the storm. In addition, hail ranging from pea to baseball size was observed.

Damage across the area could have been much worse if this event would have taken place just a few weeks later. Thankfully, most of the trees had just began to bud, and there was little if any visible foliage. If this widespread severe wind event would have occurred when the trees had leaves on them, the number of people without power may have easily been doubled.

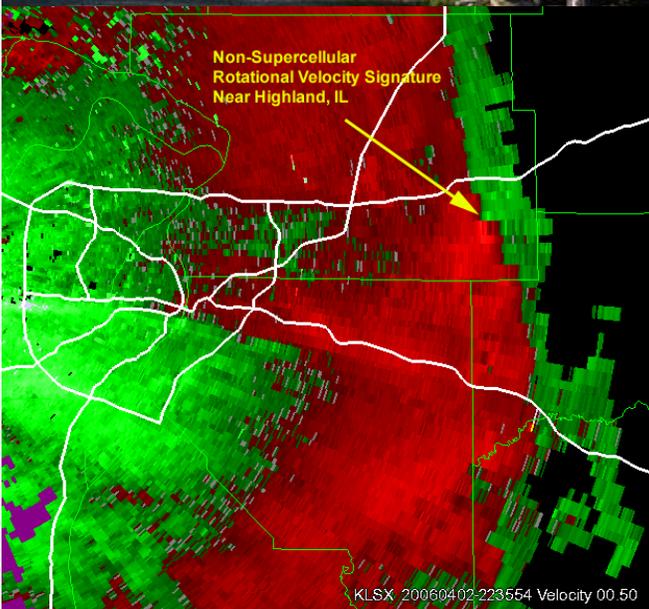
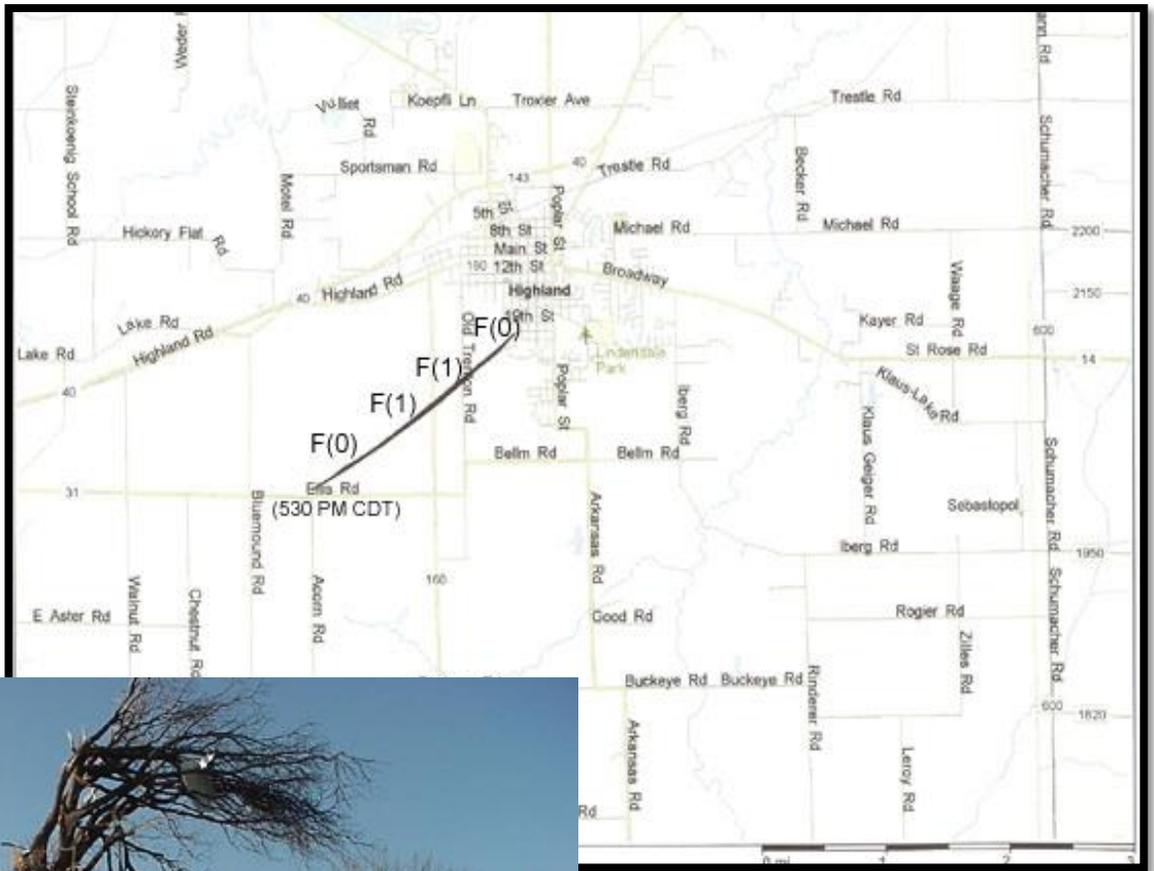
During this event the National Weather Service in Saint Louis issued 65 warnings and received over 160 severe weather reports. Tragically, two fatalities occurred because of this event.

Maximum Observed Wind Gusts

Chesterfield	64 KTS = 74 MPH
Saint Louis	61 KTS = 70 MPH
Sparta	56 KTS = 64 MPH
Saint Charles	55 KTS = 63 MPH
Quincy	54 KTS = 62 MPH
Belleville	52 KTS = 60 MPH
Centralia	56 KTS = 64 MPH

Damage Surveys

Highland, Illinois:
F1 Damage
0 Fatalities
No Injuries



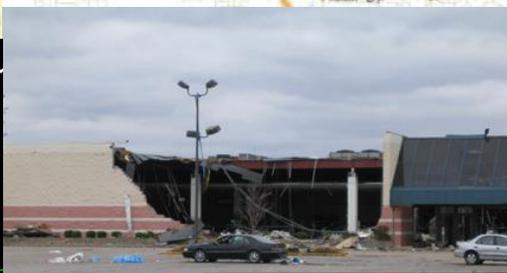
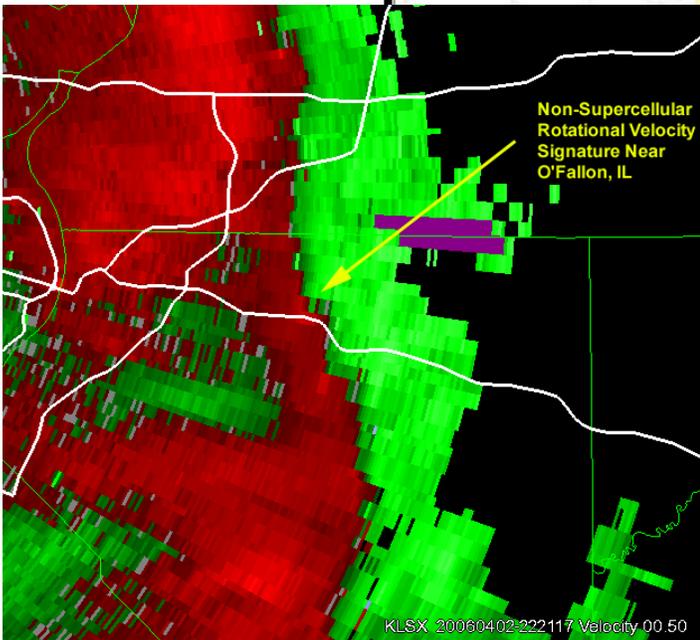
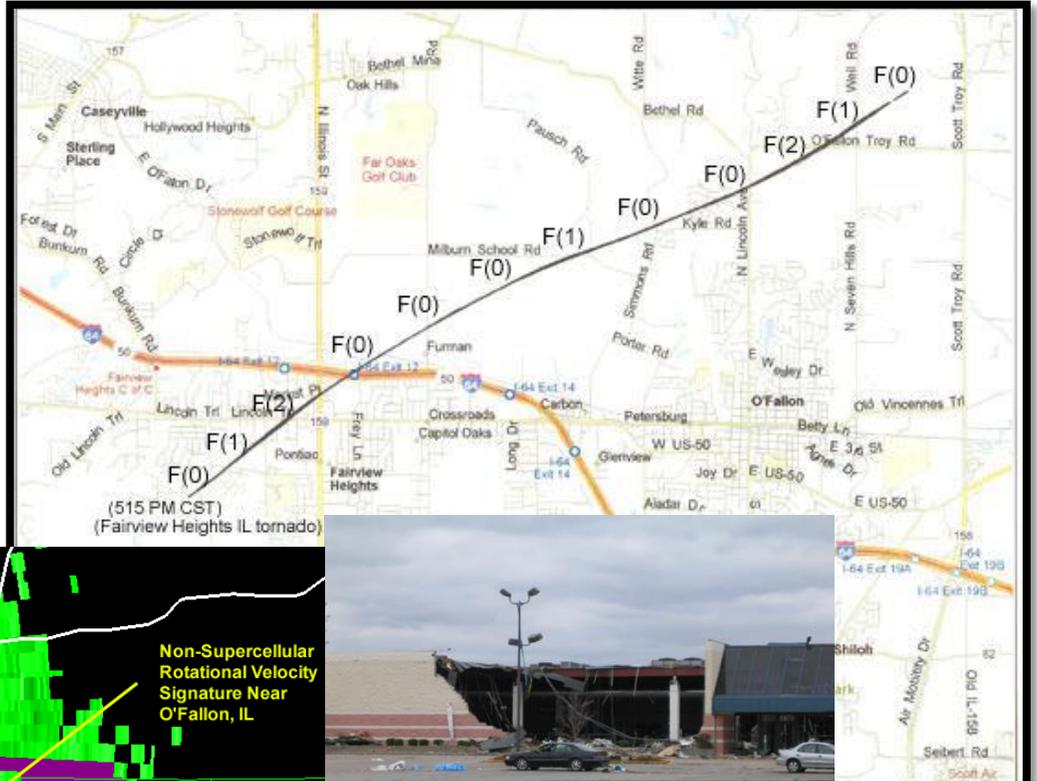
Damage Surveys

Fairview Heights/O'Fallon, Illinois:

F2 Damage

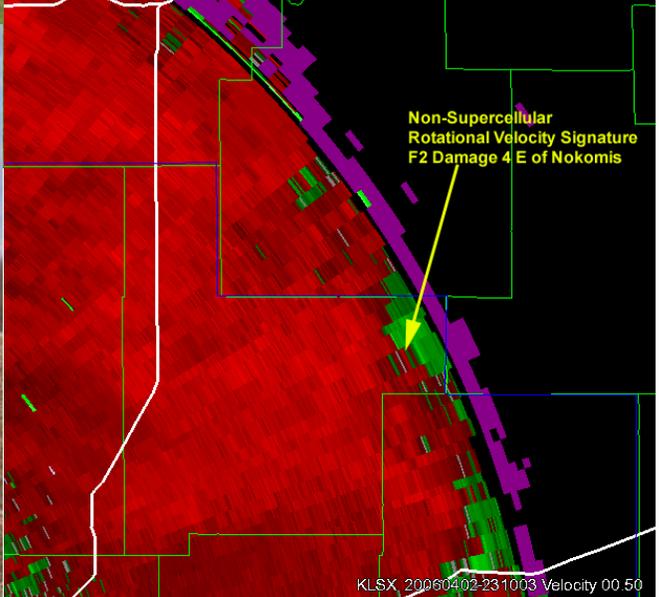
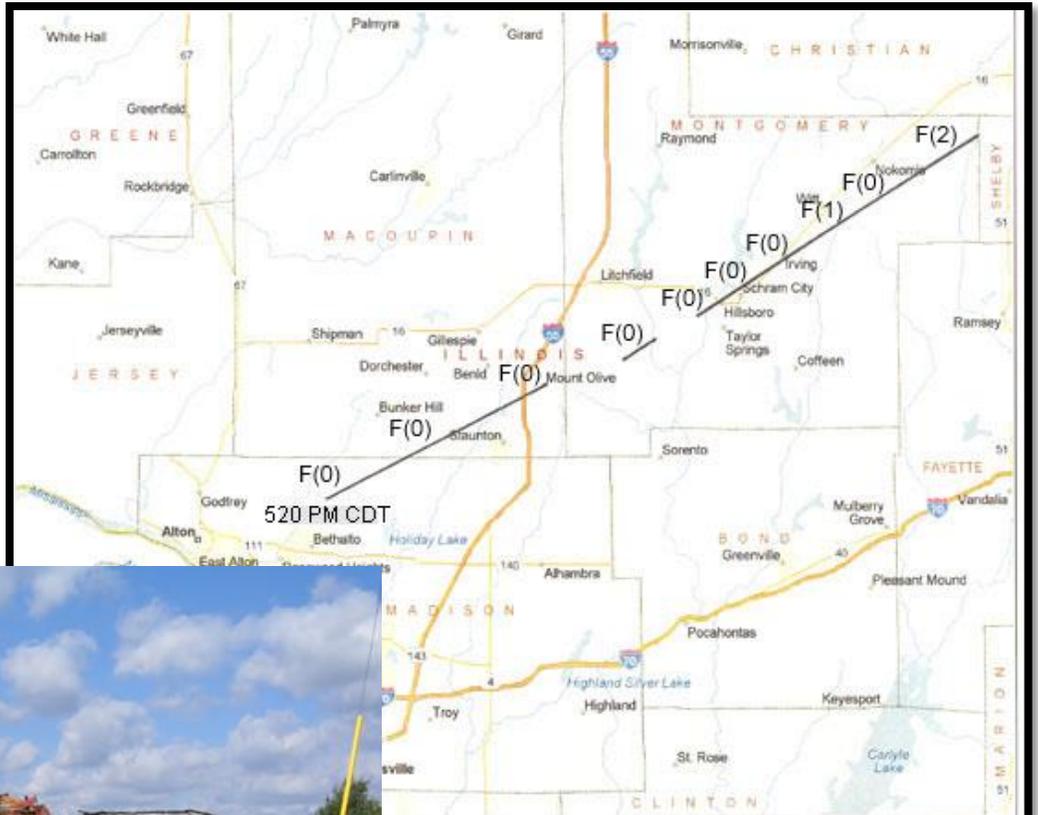
1 Fatality

Numerous Injuries



Damage Surveys

Dorsey/Hillsboro, Illinois:
3 Tornado Touchdowns
F0 - F2 Damage
No Fatalities
No Injuries

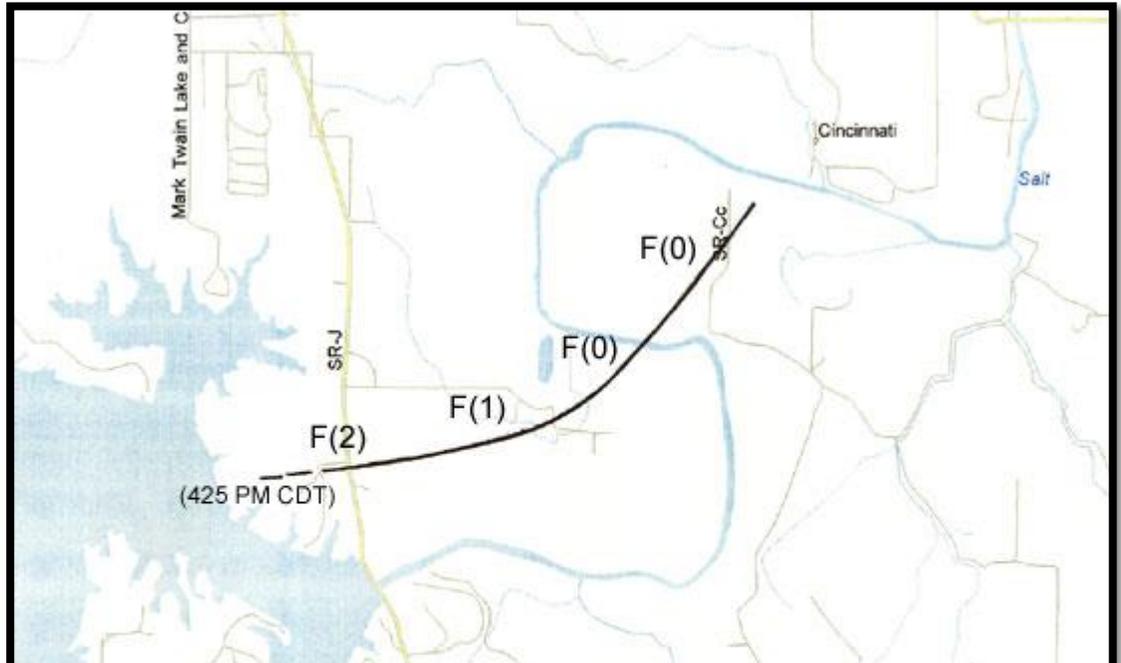


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Damage Surveys

Mark Twain Lake, Missouri:

F2 Tornado
No Fatalities
No Injuries



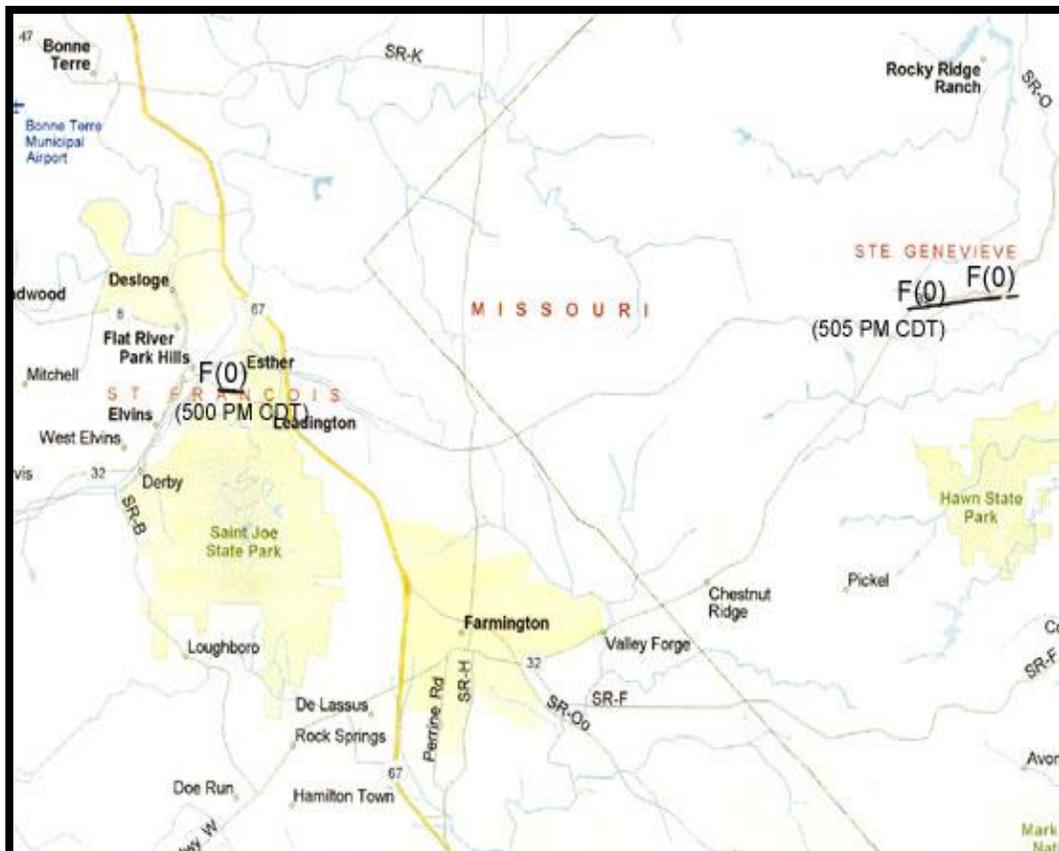
Damage Surveys

Park Hills and Farmington, Missouri :

2 F0 Tornadoes

No Fatalities

No Injuries



Damage Surveys

Piasa/Gillespie , Illinois:

3 F0 Tornadoes

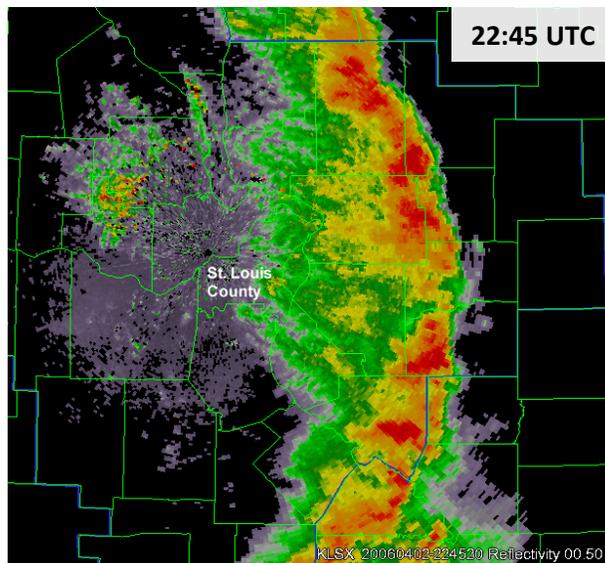
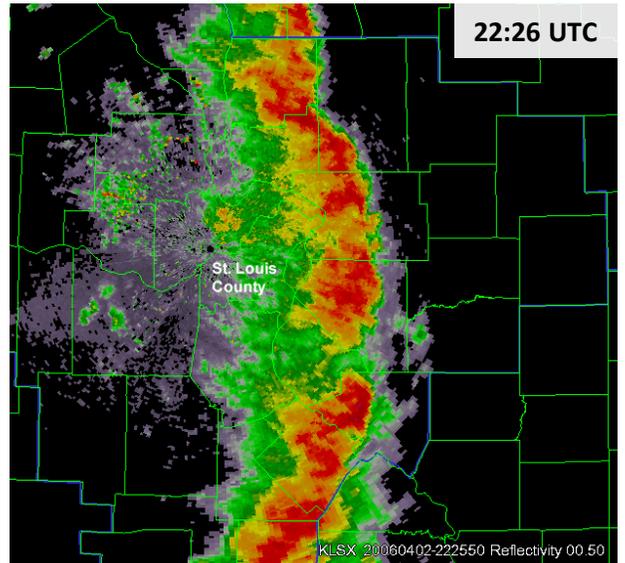
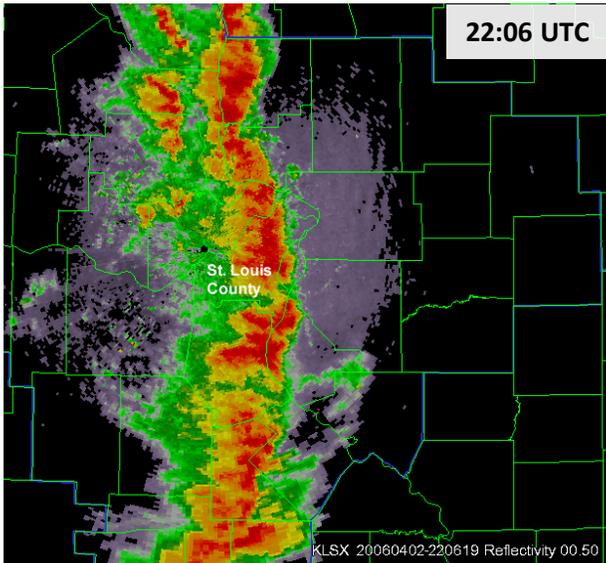
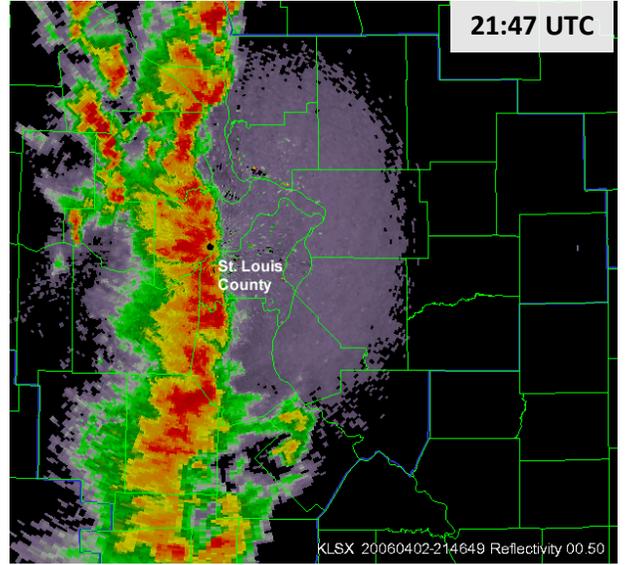
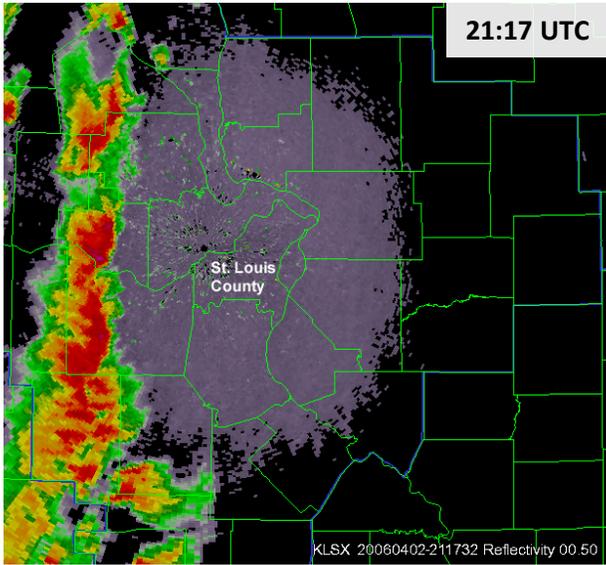
No Fatalities

No Injuries



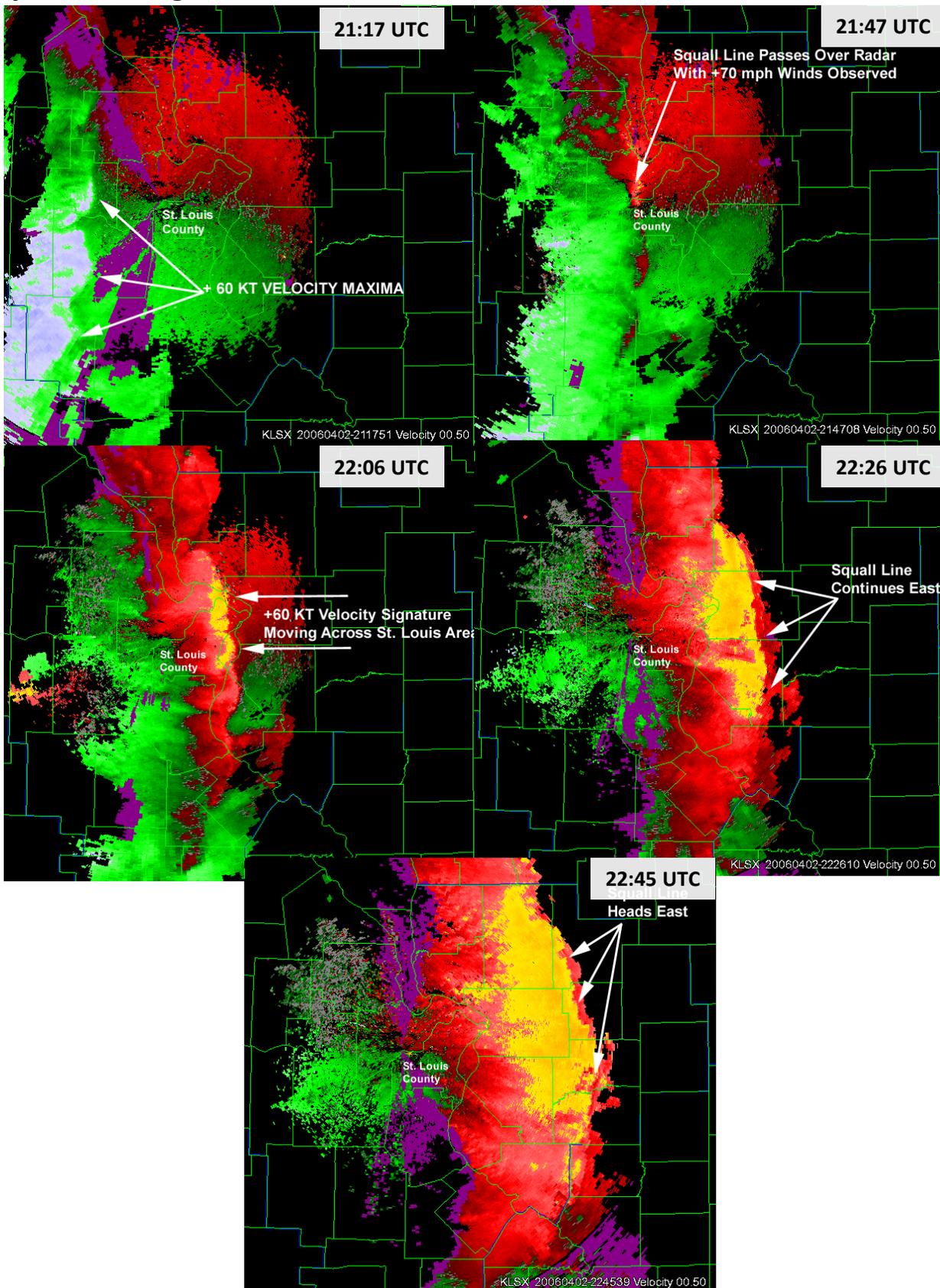
Radar Data

Reflectivity Radar Images:



Radar Data

Velocity Radar Images:



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