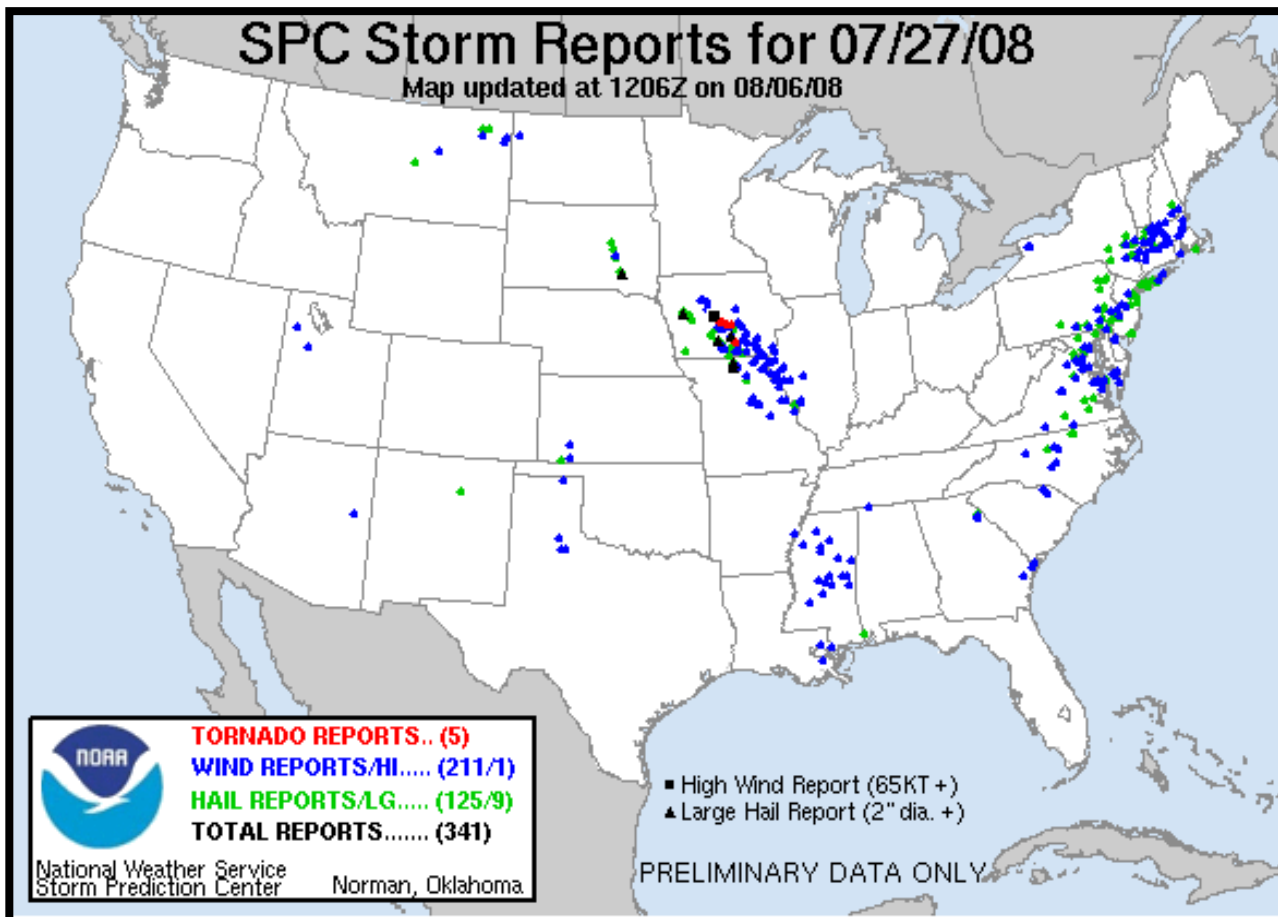


# Severe Event in Central Missouri

## July 27<sup>th</sup>, 2008

### Overview

Late Sunday evening on July 27<sup>th</sup>, 2008 a supercell storm formed over northern Boone County, Missouri and moved southeast into parts of east-central Boone and west-central Callaway Counties in central Missouri. This storm was responsible for the production of a weak tornado which formed near the town of Stephens, Missouri and moved south along County Road 269 to about half a mile north of Interstate 70. The storm also produced a few microbursts within a larger swath of damaging downburst winds which crossed I-70 just west of Highway J. A few commercial buildings along the south service road near Interstate 70 sustained minor to moderate roof damage. Several large signs along interstate were also ripped from their frames and tossed as much as 50 yards away. Witnesses in the town of Stephens, Missouri (2 miles north of I-70) reported nickel to ping pong ball size hail just after the tornado passed. Several vehicles and some windows on house trailers were damaged by the large hail. One interesting aspect of the damage pattern showed that several medium to large trees just west of the tornadic damage track laid east towards County Road 269. A medium size camper in town was tossed to the north a 1/4 mile from the town. The tornado formed along the eastern flank of the downburst wind swath. The damage was rated EF0 on the *Enhanced Fujita Scale*. Within the region of the downburst swath, several large trees laid to the south with the higher degree of tree damage associated with the microbursts. Two homes, six mobile homes and three machine sheds were damaged by the tornado along CR 269. Three additional commercial buildings sustained mainly roof damage along the service road.



Storm Reports from 27 July 2008 courtesy of the Storm Prediction Center.

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)***