St. Louis

EF1 Tornado in Pike County, Missouri

April 15th, 2011

Overview

Personnel from the National Weather Service Forecast Office in St. Louis investigated the storm damage that occurred east of Bowling Green in Pike County, Missouri on the afternoon of April 15th, 2011.

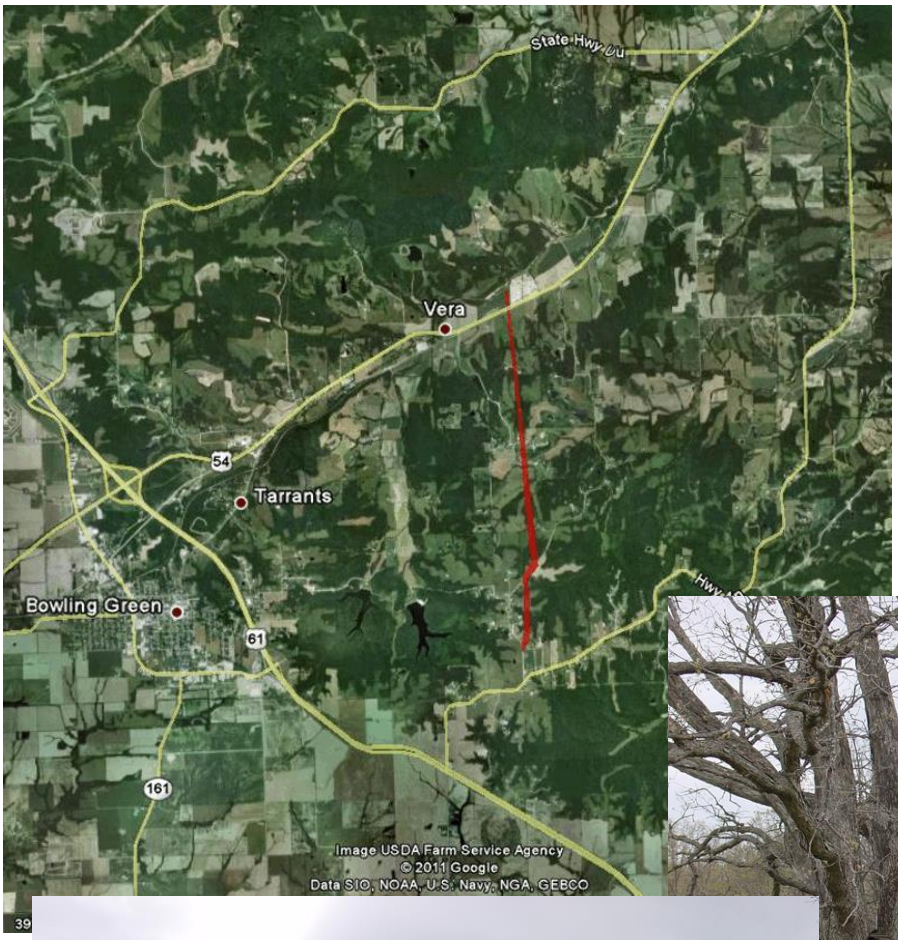
The damage was the result of a tornado that initially touched down one-quarter mile north of the intersection of Highway NN and County Road 277 at 1:35 PM CDT. Several cedar trees were severely damaged at this location. The debris from the cedar trees fell 70 to 80 yards to the north. The tornado then damaged a double wide house trailer in which the walls on the north and east side of the structure were completely removed. Nearly all of the roof was uplifted and carried 40 to 70 yards to the north. A swing set was mangled in a large tree. Additional smaller debris from the home was carried in a ravine while a few large tree limbs were damaged.

The tornado skipped north and damaged several cedar trees and a few hardwood trees approximately three-quarter mile north of the first damage area. The tornado missed a large machine shed, although two large doors on the east side of the machine shed were bowed out to the east. An SUV parked east of the machine shed was tossed into a small pond. The width of the damage area was also 30 to 40 yards while the tree damage was rated EF0. Additional tree damage was found one quarter to one half miles to the north along County Road 277.

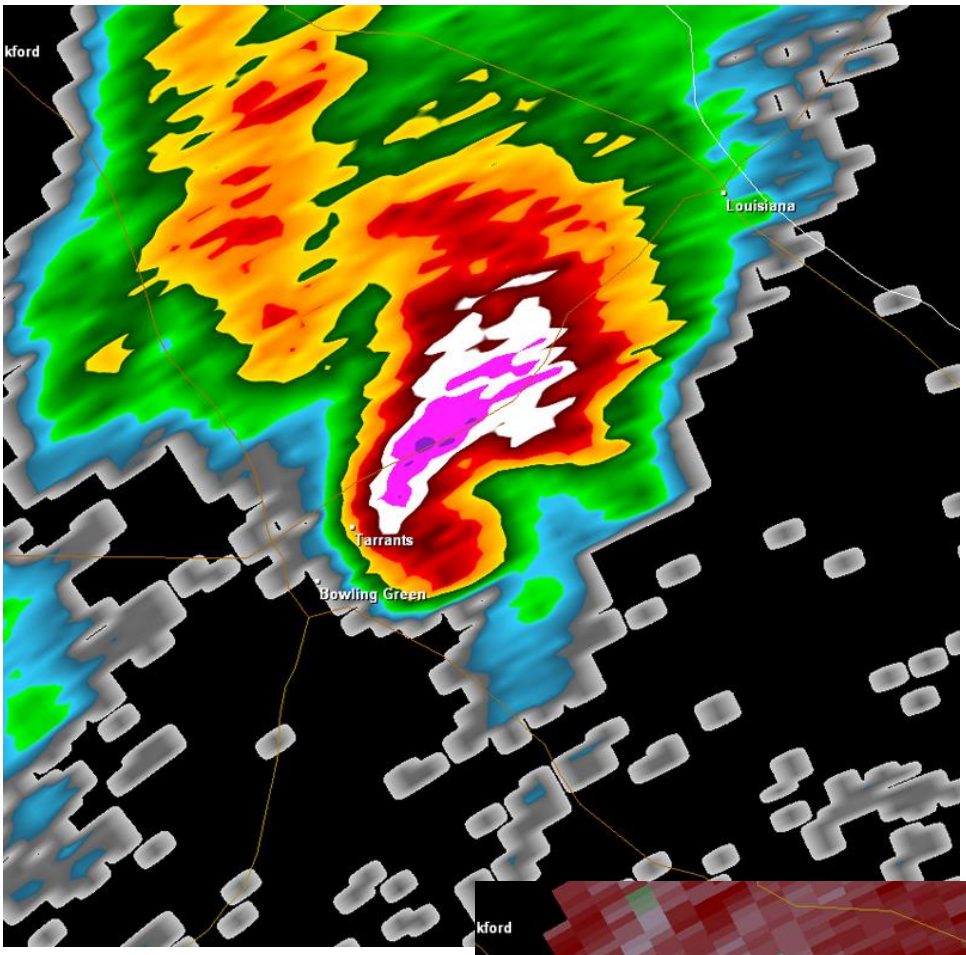
The tornado continued moving north with intermittent touchdowns and damaged a farmstead approximately one-quarter mile south of Highway 54 and one-half mile east of Vera, Missouri. A machine shed was completely destroyed and corrugated steel from the shed was wrapped around the bottom part of several large trees, where were also snapped half way up. Additional metal debris was tossed one-half mile to the north across Highway 54. There was minor damage to some flat bed trailers in a field on the west side of a business area. The width of the damage area was 50 yards, while damage was rated the low end of EF1.

In summary, the maximum damage rating of this tornado was EF1, with winds of 90 to 95 mph. The total length was 3.0 miles, with a maximum width of 50 yards.

Damage Surveys



Radar Data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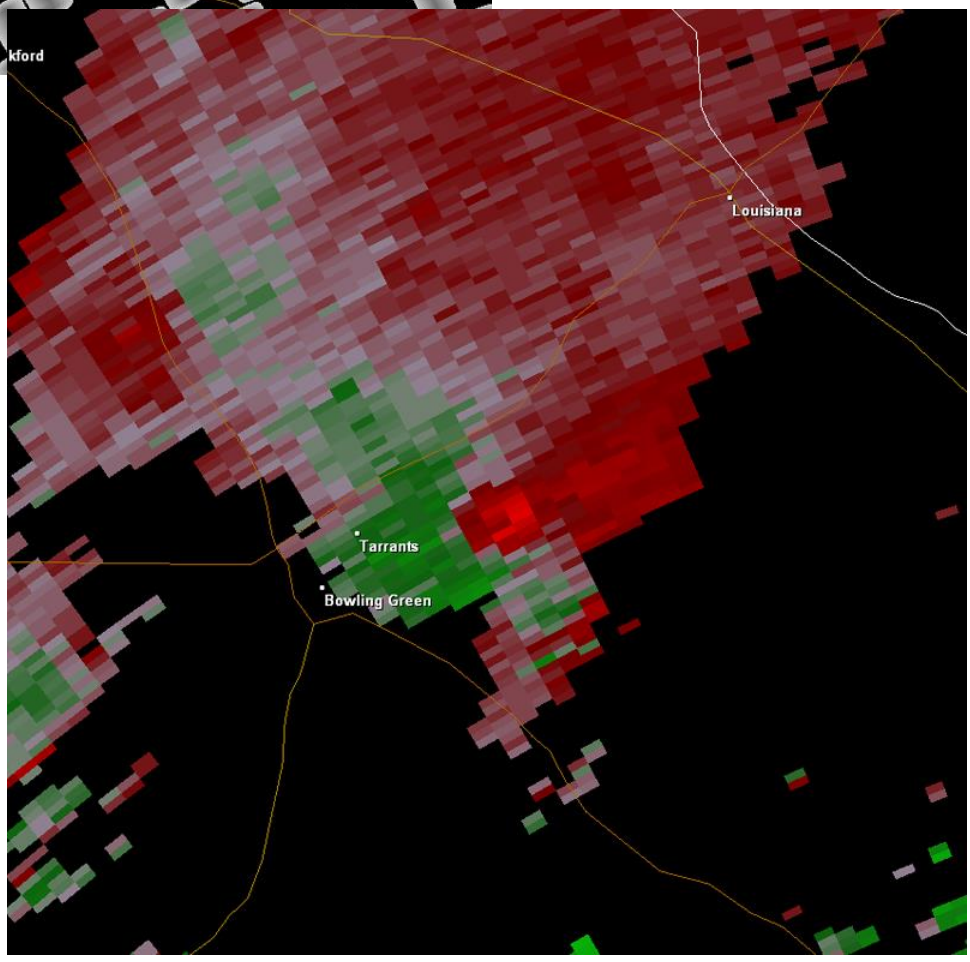
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Louisiana
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Please note that while the severe weather data presented in this event synopsis has been quality controlled, it is still considered unofficial. Official reports & statistics for severe 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