

Severe Weather and Rain

Overview

On Saturday, August 1, 2026, low pressure helped produce very heavy rainfall across Indiana and a EF0 tornado over southern Marion County. Below, figure 1, is a radar picture of rotation over southern Marion County over this station. The green color represents wind moving toward the radar site. Red indicates wind blowing away from the radar site. When the colors are side by side, this indicates rotation but not necessarily a tornado.

In this case a tornado spun-up quickly on the backedge of the heavy rainfall near a frontal boundary. The [National Weather Service](#) issued a tornado warning polygon for Marion County around 5:22 PM DST. The rotation indicated on radar quickly dissipated as it lifted north toward downtown Indianapolis.

Click on any picture for larger image.

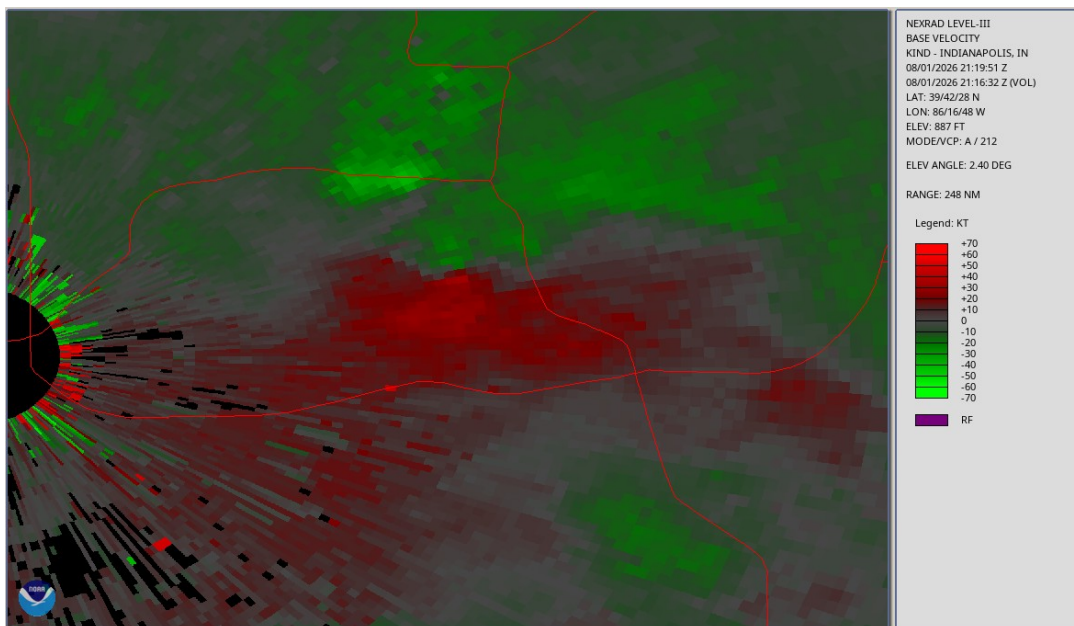


Figure 1: Radar Velocity Display of Rotation

The weak rotation touched down north of Southern Avenue (figure 2) downing a large healthy tree and peeling off siding on a house.



*Figure 2: 144 E.
Southern Ave.*

The weak rotation continued north to near Madison Ave and Hoefgen Street (figure 3) where it blew down another tree and removed siding from a house. The rotation continued north breaking a small tree in half located on the median on Madison Ave before lifting (Figure 4) near Christel House South Academy, formally Manual High School. The tree on Madison Ave had already been removed when the picture was taken, since the tree was blocking the road. The pictures were taken roughly 17 hours after the event.

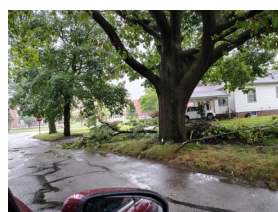
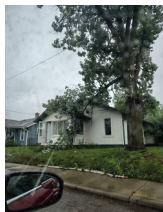


Figure 3: Looking South



Figure 4: Looking North

Additional minor tree damage was observed on Hoefgen street and on Pleasant Run Pkwy South Drive. No injuries were reported according to the news media.



The National Weather Service has determined an EF0 tornado touched down with estimated winds of 76 MPH.

Enhanced Fujita Tornado Damage Scale	
EF Rating	3 Second Gust (MPH)
0	65-85
1	86-110
2	111-135
3	136-165
4	166-200
5	Over 200

Rainfall

In addition to the severe weather, very heavy rain fell across the region. Here at this station, 4.87 inches of rain fell in less than 48 hours. Over 3 inches in just a few hours resulting in street flooding on Madison Ave as indicated in figure 4. Below are two day rainfall totals as reported by [CoCoRaHS](#) observers.

