

Details Concerning 7 Primary Tornado Tracks in Indiana on April 3, 1974

Track #1 (This includes Kennard tornado)

This track included at least three separate tornadoes traveling at a speed of 60 mph. There were two deaths and 54 required treatment at hospitals. Total length of the path of destruction was 51 miles. Property damage was estimated at well over 10 million dollars.

The first tornado was observed as a funnel eight miles NE of Bloomington at 2:15 p.m. It was reported to have withdrawn into the clouds at 2:30 p.m. over Franklin. The first damage was noted seven miles NW of Shelbyville along I-74 at 2:45 p.m. and continued on the ground to four miles NE of Greenfield where it lifted at 3:10 p.m. Major damage occurred at Fountaintown at 2:58 p.m. The path there was 1,000 feet wide with an intensity of F3, occasionally F4. Path length was 18 miles, however, the funnel was first seen 40 miles SW of where the damage began.

The second tornado began about two miles E of Westland in Hancock County at 3:00 p.m. and continued on the ground to seven miles NW of New Castle where it lifted at 3:25 p.m. Major damage occurred at Kennard at 3:16 p.m., where the north end of town was totally destroyed. Path width was 1/2 to 3/4 mile and length was 21 miles. Intensity was rated at F4 to F5 at Kennard and F2 to F3 two miles N of Kennard.

The third tornado touched down at 3:35 p.m., 11 miles SE of Muncie and continued on the ground to four miles WSW of Ridgeville in Randolph County where it lifted at 3:55 p.m. This tornado began F1 to F2 and 1/4 mile wide. As it crossed Highway 38 at 3:45 p.m., it was F4 and 1/3 mile wide. It became F1 and F2 again one mile N of Highway 38. Several houses and a school were destroyed at Highway 38. Path length was 12 miles.

Track #2 (This includes Hamburg tornado)

This track consisted of three separate tornadoes traveling at a speed of 50 mph. There were five deaths and 40 treated at hospitals. Total length of the path of destruction was 87 miles. Property damage was estimated at well over 10 million dollars.

The first funnel was sighted at 2:15 p.m. in southwestern Lawrence County. The first touchdown occurred at 2:20 p.m. E of Mitchell. It left a skipping path to the intersection of Highways 50 and 235 and to just N of Freetown where it lifted at 2:35 p.m. The path had a width of 500 to 1,000 feet and its length was 26 miles. Intensity was rated at F2, occasionally F3.

The second tornado began two miles W of Brownstown at 2:25 p.m. and continued mostly on the ground to about five miles S of Greensburg where it lifted at 3:20 p.m. Major damage occurred at Jonesville at 3:00 p.m. The path had

(Note: The tracks described in this Attachment are plotted on the map of Attachment No. 2, Section B)

a width of 1/4 mile and length of 32 miles. Intensity was rated at F3 to F4.

The third tornado began about two miles W of Milhousen at 3:15 p.m. in Decatur County and continued on the ground to two miles S of Laurel in Franklin County where it lifted at 3:45 p.m. The town of Hamburg was almost totally destroyed at 3:35 p.m. The path had a width of 1/4 mile and length of 29 miles. Intensity at Hamburg was F4 to F5.

Track #3 (This includes Hanover-Madison tornadoes)

This track had three and possibly four tornadoes traveling at a speed of 50 mph. There were 17 deaths and 370 treated at hospitals. Total path length in Indiana was 129 miles. Property damage was estimated at well over 50 million dollars.

The first tornado touched down in west central Perry County between Huffman and Terry at 2:20 p.m. This tornado continued mostly on the ground to a few miles NE of Lexington in Clark County where it lifted at 3:30 p.m. Major damage occurred at Depauw (2:43), Martinsburg (3:13), and Daisy Hill (3:17). Path width began at 1,000 feet and at times was 1/4 mile. Path length was 67 miles and intensity was rated at F4, occasionally F5.

The second tornado touched down just SW of Chelsea in Jefferson County at 3:25 p.m. and continued on the ground to a few miles NE of Canaan where it lifted at 3:50 p.m. Major damage occurred at Hanover and Madison (3:35). Path width was 3/4 to 1 mile, however, two tornadoes are believed to have traveled side by side for a portion of this path. It was reported that two tornadoes merged going into Hanover. The observer probably saw the clouds of debris merge and not the tornadoes themselves. Path length was 30 miles and intensity was rated at F3 to F4.

The third tornado was probably one of the two that merged at Hanover. It continued ENE of Madison mostly on the ground to Bear Branch and disappeared into the cloud just SW of Aurora in Dearborn County at 4:15 p.m. It was reported bouncing along the Indiana foothills just N of Aurora at 4:20 p.m. and passed into Kentucky between Aurora and Lawrenceburg at 4:25 p.m. Two paths were evident 1/4 to 1/2 mile apart at times along this track. There were reports of up to three funnels at one time. Each funnel was up to 300 yards wide. Length of this path in Indiana was 32 miles and intensity F3 to F4.

Track #4 (This includes Brandonburg, KY tornado)

There was only one tornado along this track and no deaths or injuries were reported. Property damage was estimated at less than one million dollars.

This tornado is the one that hit Brandonburg, Kentucky, at 4:07 p.m. and crossed the Ohio River into Indiana. Path width was 1/2 mile and the length in Indiana only five miles. Intensity was rated at F4 to F5.

Track #5 (This includes Monticello tornado)

This track consisted of three and possibly four tornadoes traveling at a speed of 60 mph. There were 24 deaths and 432 treated at hospitals. The total path length in Indiana was 173 miles. Property damage was estimated at well over 50 million dollars.

The first tornado entered Indiana west of Hedrick in Warren County at 4:30 p.m. and continued mostly on the ground to a few miles NE of Ligonier in Noble County where it lifted at about 7:00 p.m. Major damage occurred at Rainsville (4:45), Monticello (5:16), Rochester (5:52), and Ligonier (6:45). This path had two tornadoes in several areas and possibly three were believed to have crossed Highway 52 NW of Lafayette. The path width ranged up to one mile and the length in Indiana was 134 miles. The intensity was rated F3 to F5.

The second tornado path began NW of Albion in Noble County at about 6:50 p.m. and passed into Michigan N of Clear Lake at 7:35 p.m. Major damage occurred at several summer lake resort areas in northeastern Indiana. Path width was 700 to 1,000 yards and length was 39 miles in Indiana. The intensity was rated F3 to F4 and occasionally F5.

Track #6 (This includes Swayzee tornado)

This track consisted of two tornadoes traveling at a speed of 50 mph. There were no deaths but 12 were treated at hospitals. Total length of both tornadoes was 77 miles. Property damage was estimated to be 5 to 10 million dollars. Both tornadoes were rated at an intensity of F1 to F2 and were about 100 yards wide.

The first tornado began near West Liberty in southeastern Tipton County at 6:50 p.m. and left a skipping path of destruction to one mile NW of Kingsland where it withdrew into the cloud at about 7:20 p.m. The length of path was 42 miles. Most of the damage occurred at Swayzee and Plum Tree.

The second tornado split from the first NE of Marion and left a skipping path to Decatur. This tornado lifted at about 7:45 p.m. Path length was 35 miles. Most of the damage occurred where it crossed Highway 124 E of Bluffton.

Track #7 (This includes North Manchester tornado)

This track consisted of one short-lived tornado that occurred between 7:10 and 7:40 p.m. It began three miles SE of North Manchester in Wabash County and lifted five miles ENE of North Manchester. Path width was 50 to 75 yards wide and length was five miles. The intensity was rated at F1 to F2. There were no reported deaths or persons treated at hospitals. Property damage was estimated at about \$200,000.