

JUNE 19TH, 2009
TORNADO SURVEY

National Weather Service

Grand Rapids, MI

About the storms...

A National Weather Service Damage Survey Team has concluded that three tornadoes touched down on the night of June 19th, 2009. These non-supercell tornadoes occurred in Allegan and Kalamazoo Counties. The following slides contain path width and length, time of occurrence, damage indicators and official tornado ratings.

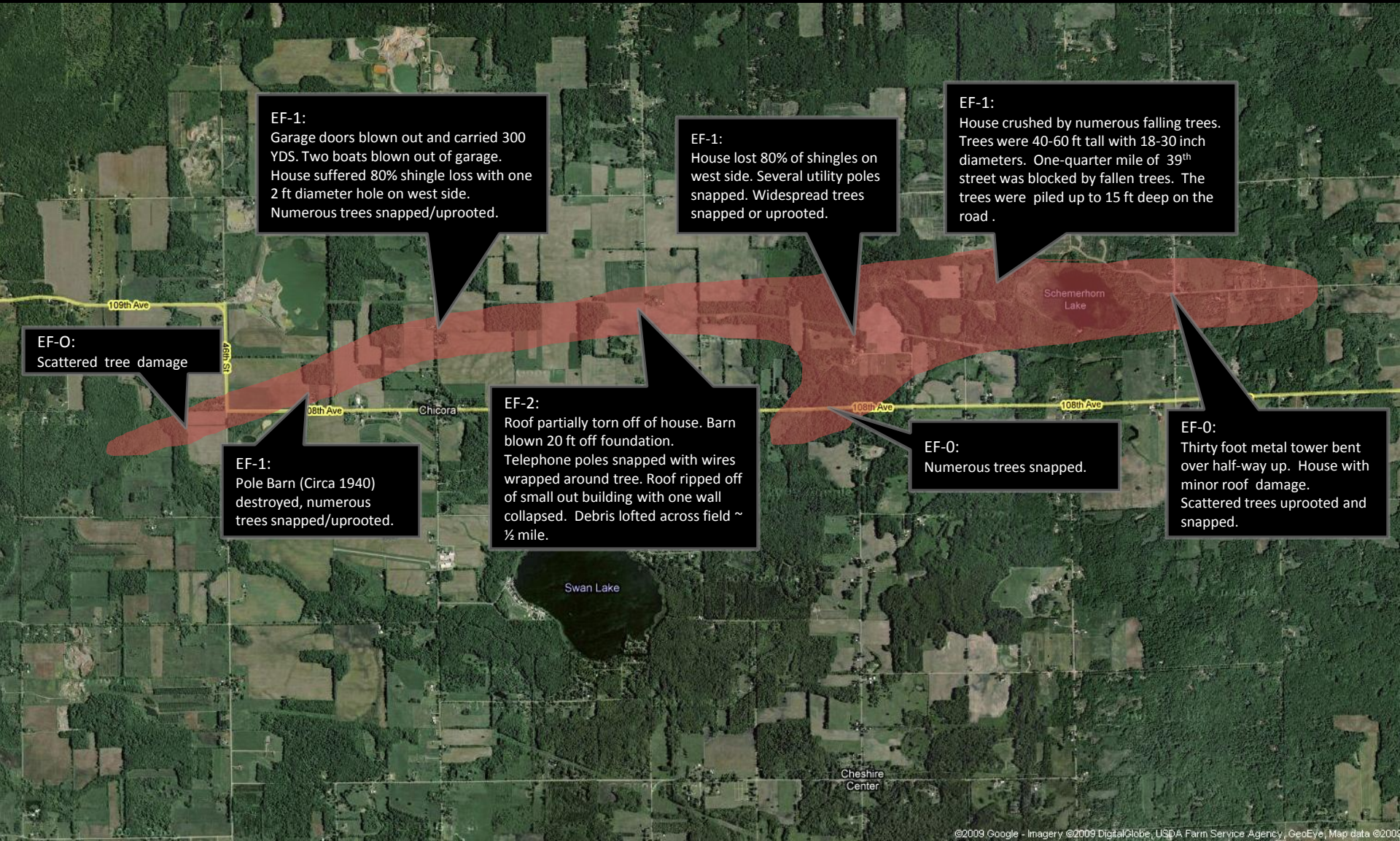
EF-2 Tornado Track through Cheshire and Trowbridge TWP, Allegan County

Friday, June 19, 2009

Path Length: 5.75 miles, Max Width: ¼ mile

Touchdown: 9:38 PM EDT, 42.4737N, 86.0092W

Lifted: 9:47 PM EDT, 42.4846N, 85.8947 W



EF-1:
Garage doors blown out and carried 300 YDS. Two boats blown out of garage. House suffered 80% shingle loss with one 2 ft diameter hole on west side. Numerous trees snapped/uprooted.

EF-1:
House lost 80% of shingles on west side. Several utility poles snapped. Widespread trees snapped or uprooted.

EF-1:
House crushed by numerous falling trees. Trees were 40-60 ft tall with 18-30 inch diameters. One-quarter mile of 39th street was blocked by fallen trees. The trees were piled up to 15 ft deep on the road.

EF-O:
Scattered tree damage

EF-1:
Pole Barn (Circa 1940) destroyed, numerous trees snapped/uprooted.

EF-2:
Roof partially torn off of house. Barn blown 20 ft off foundation. Telephone poles snapped with wires wrapped around tree. Roof ripped off of small out building with one wall collapsed. Debris lofted across field ~ ½ mile.

EF-O:
Numerous trees snapped.

EF-O:
Thirty foot metal tower bent over half-way up. House with minor roof damage. Scattered trees uprooted and snapped.

EF-1 Tornado Track through Alamo TWP, Kalamazoo County

Friday, June 19, 2009

Path Length: 1.83 miles, Max Width: 300 Yds

Touchdown: 9:53 PM EDT, 42.4116N, 85.7636W

Lifted: 9:56 PM EDT, 42.4157N, 85.7281 W



EF-2 Tornado Track through Richland TWP, Kalamazoo County

Friday, June 19, 2009

Path Length: 0.81 miles, Max Width: 200 Yds

Touchdown: 10:08 PM EDT, 42.3881N, 85.4992W

Lifted: 10:09 PM EDT, 42.3891N, 85.4825 W



EF-2:
Roof torn off ranch style house and completely destroyed with piece of truss carried ½ mile and insulation carried over 1 mile. Back deck destroyed with large piece approx. 100 Yds from house. All trees snapped or uprooted around house with 2 uprooted trees carried 30-40Ft.

EF-0:
About 50% of trees snapped or uprooted with numerous branches down along tree line. Damage intensity rapidly diminishes and ends before houses just to the east.

EF-0:
Several trees and large branches down across N. 28th Street.