

...NWS DAMAGE SURVEY FOR 6/20 - 6/21/2021 TORNADO EVENT...

.NAPERVILLE TO WILLOW SPRINGS TORNADO...

RATING: EF-3  
ESTIMATED PEAK WIND: 140 MPH  
PATH LENGTH /STATUTE/: 17.6 MILES  
PATH WIDTH /MAXIMUM/: 600 YARDS  
FATALITIES: 0  
INJURIES: 11  
  
START DATE: 06/20/2021  
START TIME: 11:02 PM CDT  
START LOCATION: NAPERVILLE  
  
END DATE: 06/20/2021  
END TIME: 11:25 PM CDT  
END LOCATION: WILLOW SPRINGS

AN NWS DAMAGE SURVEY TEAM FOUND THAT THE APPROXIMATE STARTING LOCATION OF THE TORNADO WAS JUST SOUTH OF 75TH ST. ON THE WESTERN EDGE OF THE SPRINGBROOK PRAIRIE FOREST PRESERVE AT ABOUT 11:02 PM. THE CONTINUOUS DAMAGE PATH STARTED NEAR PLAINFIELD-NAPERVILLE ROAD AND SHEPPEY COURT AT ABOUT 11:05 PM. SPORADIC WIND DAMAGE WAS FOUND BOTH WEST AND EAST OF THIS POINT BEFORE THE PATH BECAME MORE CONCENTRATED AND CONTINUOUS EAST OF MODAFF ROAD. THE TORNADO GRADUALLY INTENSIFIED AS IT TRACKED EAST, AND ESPECIALLY EAST OF NAPER BOULEVARD, WHERE DAMAGE TO HOMES BECAME COMMON. THE TORNADO REACHED PEAK INTENSITY IN THE AREA AROUND PRINCETON CIRCLE IN NAPERVILLE, WHERE A HOUSE COMPLETELY COLLAPSED AND MULTIPLE NEARBY HOMES ALSO SUSTAINED CONSIDERABLE DAMAGE TO THEIR ROOF AND WALLS. FROM THAT LOCATION, THE TORNADO CONTINUED EAST ACROSS THE GREENE VALLEY FOREST PRESERVE INTO WOODRIDGE. ANOTHER AREA OF CONCENTRATED DAMAGE OCCURRED BETWEEN WOODRIDGE DRIVE AND BASSWOOD LANE IN WOODRIDGE WHERE NUMEROUS HOMES LOST SEVERAL WALLS AND APARTMENT BUILDINGS LOST LARGE PORTIONS OF ROOFING MATERIAL. THE TORNADO CONTINUED EAST-SOUTHEASTWARD CAUSING PRIMARILY TREE DAMAGE FROM LEMONT ROAD INTO SOUTHERN DARIEN, ACROSS INTERSTATE 55, AND INTO SOUTHERN BURR RIDGE. THE DAMAGE PATH BECAME NARROW AS IT CROSSED THE DES PLAINES RIVER INTO WILLOW SPRINGS, AT WHICH POINT THE TORNADO DISSIPATED NEAR BUFFALO WOODS AT APPROXIMATELY 11:25 PM CDT. IN TOTAL, AROUND 230 HOMES SUSTAINED DAMAGE FROM THE TORNADO WITH THE MOST SIGNIFICANT DAMAGE IN NAPERVILLE AND WOODRIDGE, AND AT LEAST 11 PEOPLE REQUIRED MEDICAL TREATMENT.

.PLAINFIELD TO SOUTHWEST ROMEOVILLE TORNADO...

RATING: EF-0  
ESTIMATED PEAK WIND: 85 MPH  
PATH LENGTH /STATUTE/: 4.8 MILES  
PATH WIDTH /MAXIMUM/: 200 YARDS

FATALITIES: 0  
INJURIES: 0  
  
START DATE: 06/20/2021  
START TIME: 11:08 PM CDT  
START LOCATION: PLAINFIELD  
  
END DATE: 06/20/2021  
END TIME: 11:14 PM CDT  
END LOCATION: 2 NNW CREST HILL

AN NWS DAMAGE SURVEY FOUND SPORADIC MINOR TREE DAMAGE CONSISTENT WITH STRAIGHT-LINE WINDS IN THE VICINITY OF MEADOW LANE BETWEEN 143RD ST. AND LOCKPORT ST. EASTWARD TO ILLINOIS ROUTE 59 IN PLAINFIELD. A CONCENTRATED SWATH OF MORE SIGNIFICANT TREE DAMAGE CONSISTENT WITH AN EF-0 TORNADO WAS EVIDENT BEGINNING NEAR THE INTERSECTION OF ILLINOIS ROUTES 59 AND 126 JUST NORTH OF DOWNTOWN PLAINFIELD AND EXTENDING EASTWARD THROUGH ADJACENT NEIGHBORHOODS. A PATH OF MINOR TREE DAMAGE CONTINUED EAST-SOUTHEAST THROUGH THE LAKE RENWICK PRESERVE, CROSSING INTERSTATE 55 JUST SOUTH OF LOCKPORT ST.. A PATH OF MORE SPORADIC TREE DAMAGE WAS FOUND IN THE FIELDSTONE NEIGHBORHOOD IN ROMEOVILLE AROUND HELEN DR., WITH THE DAMAGE PATH EXTENDING ACROSS MISTWOOD GOLF CLUB. THE PATH CONTINUED SOUTHEAST INTO NORTHWEST PORTIONS OF CREST HILL, WHERE ANOTHER CONCENTRATED AREA OF SIGNIFICANT TREE DAMAGE WAS OBSERVED AROUND ROSEMARIE LANE. THE TORNADO LIFTED IN THE VICINITY OF THE INTERSECTION OF THOMAS DRIVE AND WEBER ROAD. SOME AREAS JUST SOUTH OF THE TRACK EXPERIENCED STRONG STRAIGHT-LINE WINDS.

.SOUTH HAVEN, INDIANA TORNADO...

RATING: EF-0  
ESTIMATED PEAK WIND: 75 MPH  
PATH LENGTH /STATUTE/: 3.3 MILES  
PATH WIDTH /MAXIMUM/: 150 YARDS  
FATALITIES: 0  
INJURIES: 0  
  
START DATE: 06/21/2021  
START TIME: 12:11 AM CDT  
START LOCATION: 1 NE SOUTH HAVEN  
  
END DATE: 06/21/2021  
END TIME: 12:16 AM CDT  
END LOCATION: 3 SW CHESTERTON

AN NWS DAMAGE SURVEY, ALONG WITH INFORMATION RELAYED BY THE PORTER COUNTY EMERGENCY MANAGEMENT AGENCY, INDICATE A SWATH OF STRAIGHT-LINE WIND DAMAGE EXTENDING FROM HOBART TO THE ROBBINHURST GOLF CLUB JUST NORTH OF SOUTH HAVEN. A SMALL OUTBUILDING WAS HEAVILY DAMAGED NEAR THE GOLF CLUB, BUT TREE DAMAGE IN THE AREA WAS DIRECTED ENTIRELY IN

AN EAST TO EAST-NORTHEAST DIRECTION. DAMAGE BECAME MORE CONCENTRATED IN A LOCALIZED AREA IMMEDIATELY EAST OF NORTH STATE ROAD 149 AND NORTH OF WEST COUNTY ROAD 875 NORTH WHERE A LARGE TREE WAS UPROOTED AND SEVERAL RESIDENCES EXHIBITED MINOR SHINGLE LOSS CONSISTENT WITH AN EF-0 TORNADO. THIS TORNADO TRACKED NORTHEAST WHERE IT CONTINUED TO PRODUCE SPORADIC DAMAGE TO TREES NEAR NORTH COUNTY ROAD 150 BEFORE DAMAGE DISSIPATED NEAR NORTH MERIDIAN ROAD AND EAST COUNTY ROAD 950. SPORADIC MINOR TREE DAMAGE PERSISTED EAST OF STATE ROAD 49.

.ADDISON TORNADO...

RATING:	EF-0
ESTIMATED PEAK WIND:	70 MPH
PATH LENGTH /STATUTE/:	0.4 MILES
PATH WIDTH /MAXIMUM/:	75 YARDS
FATALITIES:	0
INJURIES:	0
START DATE:	06/20/2021
START TIME:	10:54 PM CDT
START LOCATION:	ADDISON
END DATE:	06/20/2021
END TIME:	10:55 PM CDT
END LOCATION:	ADDISON

BASED ON AN EYEWITNESS ACCOUNT AND DAMAGE SEEN DURING AN NWS DAMAGE SURVEY, IT WAS DETERMINED THAT A BRIEF TORNADO TOUCHED DOWN AT THE INTERSECTION OF LAKE ST. AND VILLA AVE. IN ADDISON AND TRACKED SOUTHEASTWARD FOR ABOUT 0.4 MILES BEFORE LIFTING. THE TORNADO WAS ON THE GROUND FOR LESS THAN A MINUTE AND MAINLY PRODUCED SPORADIC TREE DAMAGE ALONG ITS TRACK.

.DOWNERS GROVE AND WESTMONT WIND DAMAGE...

NWS STORM SURVEYS WERE ALSO CONDUCTED IN DOWNERS GROVE AND WESTMONT, WHERE SPORADIC TREE DAMAGE CAUSED BY STRONG STRAIGHT-LINE WINDS WAS FOUND.

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EF SCALE: THE ENHANCED FUJITA SCALE CLASSIFIES TORNADOES INTO THE FOLLOWING CATEGORIES:

EF0...WEAK.....	65 TO 85 MPH
EF1...WEAK.....	86 TO 110 MPH
EF2...STRONG....	111 TO 135 MPH
EF3...STRONG....	136 TO 165 MPH
EF4...VIOLENT...	166 TO 200 MPH
EF5...VIOLENT...	>200 MPH

NOTE:

THE INFORMATION IN THIS STATEMENT IS PRELIMINARY AND SUBJECT TO CHANGE PENDING FINAL REVIEW OF THE EVENT AND PUBLICATION IN NWS STORM DATA.

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NWS CHICAGO