

638

NOUS43 KLOT 010916

PNSLOT

ILZ003>006-008-010>013-019>021-023-032-033-039-103>108-INZ001-002-
010-011-019-020000-

PUBLIC INFORMATION STATEMENT

NATIONAL WEATHER SERVICE CHICAGO IL

416 AM CDT SUN MAY 1 2022 /516 AM EDT SUN MAY 1 2022/

...NWS DAMAGE SURVEY FOR 4/30/2022 TORNADO EVENT UPDATE 2...

AS THUNDERSTORMS MOVED ACROSS NORTHERN ILLINOIS DURING THE
AFTERNOON AND EVENING OF APRIL 30, 2022, INFORMATION COLLECTED
FROM LOCAL EMERGENCY MANAGEMENT, GOVERNMENT OFFICIALS, AND
TRAINED WEATHER SPOTTERS ALLOWED FOR A CONFIRMATION OF AT LEAST
THREE TORNADOES ACROSS NORTHERN ILLINOIS AS WELL AS DAMAGING
STRAIGHT LINE WINDS IN ROCKFORD. WE CONTINUE TO COLLECT
INFORMATION FROM A VARIETY OF SOURCES ON DAMAGE PRODUCED BY THE
STORMS.

.OAK BROOK EF-0 TORNADO...

RATING:	EF-0
ESTIMATED PEAK WIND:	75 MPH
PATH LENGTH /STATUTE/:	1.9 MILES
PATH WIDTH /MAXIMUM/:	60 YARDS
FATALITIES:	0
INJURIES:	0
START DATE:	4/30/2022
START TIME:	4:44 PM CDT
START LOCATION:	2 SE OAK BROOK
START LAT/LON:	41.8370/-87.9453
END DATE:	4/30/2022
END TIME:	4:47 PM CDT
END LOCATION:	OAK BROOK
END LAT/LON:	41.8215/-87.9751

BASED ON A TORNADIC DEBRIS SIGNATURE IN KLOT RADAR IMAGERY, A
COMPACT VELOCITY CIRCULATION DETECTED BY FAA TERMINAL DOPPLER
RADARS TMDW AND TORD, SPOTTER REPORTS AND PICTURES, AND
INFORMATION FROM FIRE DEPARTMENT OFFICIALS, A BRIEF EF-0 TORNADO
WITH PEAK WINDS OF 75 MPH, PATH LENGTH OF APPROXIMATELY 1.9
MILES, AND MAXIMUM WIDTH OF 60 YARDS TOUCHED DOWN NEAR THE HILTON
HOTEL AND WILLOW CREST GOLF CLUB AND ENDED IN CENTRAL PARK IN OAK
BROOK. DAMAGE ALONG THE PATH WAS CHARACTERIZED BY SNAPPED TREE
BRANCHES AND A FEW UPROOTED TREES, AS WELL AS PARTIAL ROOF LOSS TO
AN OUTBUILDING. THE TORNADO WAS ON THE GROUND FOR APPROXIMATELY
THREE MINUTES.

.TIMBERLANE / BOONE COUNTY EF-0 TORNADO...

RATING: EF-0
ESTIMATED PEAK WIND: 80 MPH
PATH LENGTH /STATUTE/: 0.5 MILES
PATH WIDTH /MAXIMUM/: 60 YARDS
FATALITIES: 0
INJURIES: 0

START DATE: 4/30/22
START TIME: 5:54 PM CDT
START LOCATION: 1 NNW TIMBERLANE
START LAT/LON: 42.3516/-88.8716

END DATE: 4/30/22
END TIME: 5:55 PM CDT
END LOCATION: 1 N TIMBERLANE
END LAT/LON: 42.3555/-88.8642

BASED ON INFORMATION COLLECTED BY EMERGENCY MANAGEMENT OFFICIALS, A BRIEF EF-0 TORNADO WITH PEAK WINDS OF 80 MPH, PATH LENGTH OF APPROXIMATELY ONE HALF OF A MILE, AND MAXIMUM WIDTH OF 60 YARDS TOUCHED DOWN NEAR THE INTERSECTION OF BRIAR CLIFF STREET SW AND LIFTED OVER CANDLEWICK LAKE. SEVERAL SOFTWOOD TREES WERE UPROOTED AND SNAPPED AT THE START OF THE TORNADO PATH AND LAID IN A CONVERGENT PATTERN. IN ADDITION, SEVERAL FLOATING DOCKS WERE THROWN ACROSS CANDLEWICK LAKE. THE TORNADO WAS ON THE GROUND FOR APPROXIMATELY ONE MINUTE.

.CAPRON / BOONE COUNTY EF-U TORNADO...

RATING: EF-U
ESTIMATED PEAK WIND: UNKNOWN
PATH LENGTH /STATUTE/: UNKNOWN
PATH WIDTH /MAXIMUM/: UNKNOWN
FATALITIES: 0
INJURIES: 0

START DATE: 4/30/22
START TIME: 6:07 PM CDT
START LOCATION: 5 N CAPRON
START LAT/LON: 42.4746/-88.7431

END DATE: 4/30/22
END TIME: 6:07 PM CDT
END LOCATION: 5 N CAPRON
END LAT/LON: 42.4746/-88.7431

BASED ON TWO PHOTOS SHARED TO THE NATIONAL WEATHER SERVICE FROM THE PUBLIC, A BRIEF TORNADO OCCURRED IN AN OPEN FIELD NEAR THE

INTERSECTION OF COON TRAIL AND CAPRON ROADS JUST SOUTH OF THE WISCONSIN STATE LINE. THERE IS NO KNOWN DAMAGE CAUSED BY THE TORNADO. ACCORDINGLY, IT WILL BE ASSIGNED A PRELIMINARY RATING OF EF-U. THE TIME IS BASED ON RADAR.

.ROCKFORD STRAIGHT LINE WINDS...

ESTIMATED PEAK WINDS: 70 TO 80 MPH
FATALITIES: 0
INJURIES: 0

START DATE: 4/30/22
START TIME: 5:25 PM CDT
START LOCATION: ROCKFORD
START LAT/LON 42.2514/-89.0771

END DATE: 4/30/22
END TIME: 5:28 PM CDT
END LOCATION: ROCKFORD
END LAT/LON: 42.2541/-89.0758

BASED ON A REVIEW OF DRONE FOOTAGE PROVIDED BY THE ROCKFORD FIRE DEPARTMENT AND RADAR DATA FROM BOTH THE CHICAGO AND MILWAUKEE NWS RADARS, IT WAS DETERMINED THAT A NARROW SWATH OF STRAIGHT LINE WINDS OF 70 TO 80 MPH OCCURRED NEAR THE INTERSECTION OF 9TH AND BROADWAY STREETS SOUTHEAST OF DOWNTOWN ROCKFORD. THESE WINDS CAUSED THE LOSS OF A METAL ROOF TO A BUILDING SOUTH OF BROADWAY STREET WHICH RESULTED IN THE COLLAPSE OF THE WEST AND SOUTH-FACING WALLS. ROOFING MATERIAL FROM THE BUILDING WAS BLOWN IN A NORTH AND NORTHEASTERLY DIRECTION. SEVERAL POWER POLES AND TREES WERE SNAPPED ALONG 9TH STREET ALONG WITH ADDITIONAL ROOF DAMAGE IN THE VICINITY. THE DAMAGE ORIENTATION WAS CONSISTENT WITH A DIVERGENT AREA OF SOUTHERLY STRAIGHT LINE WINDS. THE NWS THANKS THE ROCKFORD FIRE DEPARTMENT FOR THEIR ASSISTANCE IN THE DAMAGE ASSESSMENT.

&&

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

EFU...UNKNOWN

NOTE:

THE INFORMATION IN THIS STATEMENT IS PRELIMINARY AND SUBJECT TO CHANGE PENDING FINAL REVIEW OF THE EVENTS AND PUBLICATION IN NWS STORM DATA. THE NWS GREATLY APPRECIATES THE HELP FROM LOCAL SPOTTERS, EMERGENCY MANAGEMENT OFFICIALS, AND FIRE DEPARTMENT OFFICIALS WHO GREATLY AIDED IN THE DAMAGE SURVEYS FOR THESE TORNADOES.

\$\$

NWS CHICAGO