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NOUS43 KLOT 251502 CCA

PNSLOT

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PUBLIC INFORMATION STATEMENT

NATIONAL WEATHER SERVICE CHICAGO IL

713 PM CDT SUN JUL 24 2022 /813 PM EDT SUN JUL 24 2022/

...NWS STORM SURVEY FOR 7/23/2022 TORNADO EVENT...

NWS STORM SURVEYS DETERMINED THAT A TOTAL OF THREE TORNADOES OCCURRED WITH THE STORMS THAT MOVED THROUGH THE CHICAGO METRO DURING THE EARLY MORNING HOURS OF SATURDAY, JULY 23RD. THE FIRST TORNADO TOUCHED DOWN IN FAR SOUTHEASTERN AURORA BEFORE CROSSING INTO SOUTHWESTERN NAPERVILLE, WHERE IT CAUSED MOST OF ITS DAMAGE. A SECOND TORNADO INTERMITTENTLY TOUCHED DOWN ON THE FAR SOUTH SIDE OF ROMEOVILLE AND FAR NORTH SIDE OF CREST HILL, THEN CAUSED DAMAGE IN CREST HILL AND THE FAR NORTH SIDE OF JOLIET BEFORE LIFTING. A BRIEF THIRD TORNADO THEN OCCURRED NORTH OF MANHATTAN. ALL THREE TORNADOES WERE ASSIGNED AN EF-0 RATING.

.NAPERVILLE EF-0 TORNADO...

RATING:	EF-0
ESTIMATED PEAK WIND:	85 MPH
PATH LENGTH /STATUTE/:	4.5 MILES
PATH WIDTH /MAXIMUM/:	125 YARDS
FATALITIES:	0
INJURIES:	0

START DATE:	7/23/2022
START TIME:	5:40 AM CDT
START LOCATION:	5 ESE AURORA
START LAT/LON:	41.7260, -88.2207

END DATE:	7/23/2022
END TIME:	5:46 AM CDT
END LOCATION:	7 SSW NAPERVILLE
END LAT/LON:	41.6679, -88.1862

BASED ON A COMBINATION OF DAMAGE PHOTOS SHARED WITH THE NWS AND AN NWS STORM SURVEY, IT WAS DETERMINED THAT AN EF-0 TORNADO BEGAN WITHIN THE CITY LIMITS OF AURORA IN EXTREME SOUTHERN DUPAGE COUNTY ON THE NORTHWEST SIDE OF THE WHITE EAGLE GOLF CLUB, WHERE APPROXIMATELY A DOZEN GOLF CARTS WERE DAMAGED AND SEVERAL SOFTWOOD TREES WERE SNAPPED, ALONG WITH NUMEROUS DOWNED TREE LIMBS. DAMAGE IN THIS AREA WAS FOUND TO BE CONSISTENT WITH A HIGH-END EF-0 TORNADO WITH WINDS PEAKING NEAR 85 MPH. THE TORNADO THEN TRACKED SOUTHEASTWARD INTO NAPERVILLE AND WILL COUNTY WHERE IT SNAPPED

SEVERAL SMALL TREES AND CAUSED THE LOSS OF SOME ROOFING MATERIAL AT A SHOPPING PLAZA AT THE INTERSECTION OF STATE ROUTE 59 AND 95TH ST. ADDITIONAL DAMAGE WAS FOUND NEAR NEUQUA VALLEY HIGH SCHOOL WHERE BLEACHERS WERE TOSSED AND FENCING WAS BLOWN DOWN. THE TORNADO CONTINUED TO PRODUCE INTERMITTENT TREE DAMAGE AS IT TRACKED INTO A SUBDIVISION SOUTH OF 103RD ST BEFORE IT LIFTED IN THE VICINITY OF W 119TH ST AND BOOK RD.

.ROMEOVILLE-CREST HILL-JOLIET EF-0 TORNADO...

RATING: EF-0
ESTIMATED PEAK WIND: 70 MPH
PATH LENGTH /STATUTE/: 4.1 MILES
PATH WIDTH /MAXIMUM/: 200 YARDS
FATALITIES: 0
INJURIES: 0

START DATE: 7/23/2022
START TIME: 5:52 AM CDT
START LOCATION: 3 S ROMEOVILLE
START LAT/LON: 41.6027, -88.1133

END DATE: 7/23/2022
END TIME: 5:58 AM CDT
END LOCATION: 2 N JOLIET
END LAT/LON: 41.5467, -88.0959

AN NWS STORM SURVEY DETERMINED THAT AN EF-0 TORNADO INITIALLY TOUCHED DOWN ALONG PINNACLE DR NORTH OF RENWICK RD ON THE SOUTH SIDE OF ROMEOVILLE. A CONSTRUCTION CAMERA AT LEWIS UNIVERSITY AIRPORT INDICATED THAT THE TORNADO LIKELY LIFTED OFF THE GROUND, THEN BRIEFLY TOUCHED DOWN AGAIN AS IT MOVED INTO THE PRAIRIE BLUFF PRESERVE IN CREST HILL BEFORE LIFTING ONCE MORE. THE TORNADO THEN TOUCHED DOWN ONCE AGAIN NEAR THE STATEVILLE CORRECTIONAL CENTER, WHERE IT CAUSED MINOR TREE DAMAGE, AND THEN CONTINUED TRACKING SOUTHWARD, CROSSING W CATON FARM RD INTO A RESIDENTIAL AREA OF CREST HILL. A CONCENTRATED AREA OF DAMAGE INCLUDING SEVERAL UPROOTED TREES AND NUMEROUS BROKEN TREE LIMBS WAS FOUND IN THE VICINITY OF ELSIE AND HIGHLAND AVENUES. THE TORNADO THEN CONTINUED SOUTH, PARALLELING HIGHLAND AVE AND CLEMENT ST AS IT CROSSED INTO THE FAR NORTH SIDE OF JOLIET, WHERE IT PRODUCED SPORADIC TREE LIMB DAMAGE BEFORE LIFTING AT THE SOUTHEAST CORNER OF MOUNT MORIAH CEMETERY JUST NORTH OF INGALLS AVE.

.MANHATTAN EF-0 TORNADO...

RATING: EF-0
ESTIMATED PEAK WIND: 75 MPH
PATH LENGTH /STATUTE/: 0.7 MILES
PATH WIDTH /MAXIMUM/: 150 YARDS

FATALITIES: 0
INJURIES: 0

START DATE: 7/23/2022
START TIME: 6:05 AM CDT
START LOCATION: 2 NNW MANHATTAN
START LAT/LON: 41.4563 / -88.0035

END DATE: 7/23/2022
END TIME: 6:06 AM CDT
END LOCATION: 1 NNW MANHATTAN
END LAT/LON: 41.4463 / -88.0020

AN NWS STORM SURVEY DETERMINED THAT AN EF-0 TORNADO BEGAN JUST NORTH OF THE INTERSECTION OF BAKER RD AND U.S. ROUTE 52 AND TRACKED SOUTHWARD ALONG ROUTE 52, CAUSING SPORADIC TREE DAMAGE AS WELL AS SOME MINOR ROOF DAMAGE TO A BUILDING JUST SOUTH OF BAKER RD ON THE EAST SIDE OF ROUTE 52. THE TORNADO APPEARED TO HAVE ENDED NORTH OF WHITE FEATHER DR.

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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 EVENTS AND PUBLICATION IN NWS STORM DATA.

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BARDOU/CARLAW/IZZI/KLUBER/OGOREK