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Public Information Statement
National Weather Service Chicago IL
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...NWS Damage Survey Results for 6/13/2022 Severe Event Update 1...

An NWS damage survey team investigated damage in parts of Cook and DuPage counties that was caused by a severe thunderstorm that moved across the Chicago metro during the late afternoon and evening of Monday, June 13, 2022. It was determined that a brief EF-0 tornado touched down in unincorporated Schaumburg and moved into Roselle before lifting. Additionally, it was determined that strong straight-line winds of up to 75 mph caused widespread tree damage in Streamwood while strong straight-line winds as high as 90-95 mph caused a large swath of damage across west central Cook County, including notable structural damage in the communities of Bellwood and Westchester.

.Schaumburg-Roselle EF-0 Tornado and Straight-Line Winds...

Rating:	EF-0
Estimated Peak Wind:	80 mph
Path Length /statute/:	2.2 miles
Path Width /maximum/:	25 yards
Fatalities:	0
Injuries:	0
Start Date:	6/13/2022
Start Time:	6:27 PM CDT
Start Location:	2 S Schaumburg
Start Lat/Lon:	42.0016/-88.0813
End Date:	6/13/2022
End Time:	6:32 PM CDT
End Location:	Roselle
End Lat/Lon:	41.9747/-88.0606

An NWS damage survey determined that a brief tornado touched down in unincorporated Schaumburg, crossed the Elgin-O'Hare Expressway into Roselle, and lifted just prior to entering Medinah. Damage was sporadic along the tornado's path and consisted of part of the roof of a business getting peeled back in two different directions with the rest of the damage being confined to trees. Just west of the tornado's track, a broader swath of straight-line wind damage associated with a rear flank downdraft wrapping around the

tornadic circulation was observed. These winds were estimated to be as strong as 75 mph and flipped over a small plane at Schaumburg Regional Airport in addition to causing widespread tree damage on the far southern side of Schaumburg through much of Roselle.

.Streamwood Straight-Line Winds...

Estimated Peak Winds: 70 to 75 MPH
Fatalities: 0
Injuries: 0

An NWS damage survey determined that widespread tree damage across Streamwood was caused by strong straight-line winds of up to 75 mph. These winds were associated with a rear flank downdraft that wrapped around a strong low-level circulation within the parent supercell thunderstorm.

.West Central Cook County Straight-Line Winds...

Estimated Peak Winds: 90 to 95 MPH
Fatalities: 0
Injuries: 2

Between an NWS damage survey and information provided by local emergency management agencies, other government officials, and trained weather spotters, it was determined that damage to trees, utility poles, and structures observed across a large portion of west central Cook County was caused by a swath of strong straight-line winds. An approximately 18-mile long stretch of widespread 70+ mph winds likely occurred between Elk Grove Village and Midway Airport, with widespread 80+ mph winds likely experienced within a roughly 13-mile long corridor from O'Hare Airport (where an 84 mph wind gust was observed) through the Lyons and Forest View area. Widespread tree damage was noted in this region, including in the suburbs of Bensenville, Northlake, Stone Park, Bellwood, Westchester, Broadview, La Grange Park, Brookfield, Riverside, Lyons, Stickney, and Forest View, among other nearby locations.

A localized corridor of estimated 90-95 mph winds was determined to have occurred in parts of Westchester and Broadview, with the former location having roofs peeled off of two neighboring apartment complexes and multiple windows blown out at an office building. An isolated 95 mph wind gust was believed to have occurred outside of this localized corridor in Bellwood, where an apartment complex had its roof peeled off, resulting in two injuries.

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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. The NWS greatly appreciates the help from local spotters, emergency management officials, and fire department officials who assisted in the damage surveys for this tornado and these strong straight-line winds.

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Baker/Bardou/Doom/Lincoln/Ogorek