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Public Information Statement
National Weather Service Chicago IL
747 PM CDT Wed Aug 12 2020 /847 PM EDT Wed Aug 12 2020/

...NWS DAMAGE SURVEY FOR 08/10/2020 DERECHO AND TORNADO EVENT...

.UPDATE...

Through a combination of storm surveys, photos, video, and coordination with area EMAs, four additional tornado paths have been identified in association with the 08/10/2020 Derecho. These are: an EF-0 in Grant Park, and EF-0 in Park Forest, an EF-1 between Yorkville and Plainfield, and an EF-1 in Ottawa. This brings the total number of tornadoes in NWS Chicago's area of responsibility to 11 from the 8/10/2020 Derecho event. In addition, information about significant straight line winds in Forreston (NW Ogle County), Somonauk ((DeKalb and LaSalle Counties) and a corridor of enhanced straight line wind damage between Wheaton and Glen Ellyn (DuPage County) have been added.

NWS Chicago continues to work with our local partners to diagnose potential additional areas of tornado damage. We hope to have this information finalized on Thursday.

.OVERVIEW...

A well-organized and long-lived thunderstorm complex produced widespread severe wind damage across northern Illinois and Indiana during the afternoon hours on Monday, August 10th. Associated straight line wind damage across NWS Chicago's area of responsibility is consistent with 60 to 80 mph wind gusts, with pockets of enhanced winds likely in excess of 90 mph.

Several tornadic circulations developed within the main line of thunderstorms, producing at least nine tornadoes across northern Illinois. In addition, a lone supercell that was subsequently absorbed into the main line produced two tornadoes in and around the Rockford area, bringing the event total tornadoes to at least eleven.

.FORRESTON AREA STRAIGHT LINE WINDS...

Estimated peak wind:	100 mph
Fatalities:	0
Injuries:	5
Start date:	08/10/2020
Start time:	2:15 PM CDT
Start location:	Forreston
End date:	08/10/2020
End time:	2:30 PM CDT
End location:	Forreston

Very strong straight line winds of 90 to 100 mph occurred in the town of Forreston in far northwestern Ogle County. Reports indicate that several mobile homes on the east side of the town were damaged or destroyed, and photos also revealed significant damage to a metal building near the BP gas station with associated debris all blown towards the northeast. Widespread tree damage also occurred.

.SOUTHWEST ROCKFORD TORNADO...

Rating: EF-0
Estimated peak wind: 75 mph
Path length /Statute/: 1.5 miles
Path width /Maximum/: 50 yards
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 2:37 PM CDT
Start location: 3 SW Rockford

End date: 08/10/2020
End time: 2:38 PM CDT
End location: 1.5 SW Rockford

Survey Summary:

A very brief tornado touched down near the intersection of Pierpont Ave and Montague Road and continued northeast into the southwest side of Rockford. The tornado ended near the intersection of Ferguson and Loomis streets. All damage was to trees along the tornado path.

.ROCKFORD TO CALEDONIA TORNADO...

Rating: EF-1
Estimated peak wind: 100 mph
Path length /Statute/: 9.2 miles
Path width /Maximum/: 300 yards
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 2:47 PM CDT
Start location: 3 NE Rockford

End date: 08/10/2020
End time: 3:06 PM CDT
End location: 1 SW Caledonia

Survey Summary:

This tornado was associated with the same supercell thunderstorm that produced an initial brief EF-0 tornado immediately southwest of Rockford, but it has been determined these exist as two separate tracks. This tornado developed as the main line of

thunderstorm caught up, and eventually merged with, the parent supercell with this path starting near Guilford Road just north of Rockford College before heading northeast. Significant tree damage, consistent with EF-1 wind speeds, occurred in a localized area immediately east of Rock Valley College west of North Perryville Road. The tornado continued northeast, crossing I-90/39, producing sporadic damage before lifting near Caledonia Road.

.OTTAWA TORNADO...

Rating: EF-1
Estimated peak wind: 100 mph
Path length /Statute/: 0.75 miles
Path width /Maximum/: 150 yards
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 2:59 PM CDT
Start location: Ottawa

End date: 08/10/2020
End time: 3:01 PM CDT
End location: Ottawa

The tornado started south of Marquette street west of Michigan street and progressed eastward. The tornado impacted several businesses ripping off well-anchored roofing material and snapping a power pole at its base. It was here that the max intensity of the tornado was reached with peak winds of around 100 mph. The tornado then continued eastward ripping shingles off roofs of buildings and houses just west of Route 23 and shredding trees. The tornado is believed to have lifted in an inaccessible forested area east of the Fox river. Eye witnesses indicated the tornado may have had multiple vortices with clear rising and rotating motion of debris.

.SOMONAUK STRAIGHT LINE WINDS...

Estimated peak wind: 90 mph
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 2:59 PM CDT
Start location: Somonauk

End date: 08/10/2020
End time: 3:01 PM CDT
End location: Somonauk

Widespread tree damage with a few trees snapped very near their base were observed throughout Somonauk and surrounding areas. Seven large and new utility poles were also snapped about 10 feet

up from thier base about three miles north of Somonauk on Somonauk Road. The damage was consistent with straight line winds up to 90 mph.

.SOUTHEAST MARENGO TORNADO...

Rating: EF-1
Estimated peak wind: 95 mph
Path length /Statute/: 5.7 miles
Path width /Maximum/: 200 yards
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 3:05 PM CDT
Start location: 5 SW Marengo

End date: 08/10/2020
End time: 3:11 PM CDT
End location: 3 SW Marengo

Survey Summary:

This EF-1 tornado started on Harmony Road immediately southwest of I-90 near the McHenry/DeKalb County line. Tree damage consistent with winds around 95 mph occurred immediately northeast of I-90. The tornado heavily damaged a single family home near Maple Street before heading northeast and lifting near Coral and Dunham Roads.

.YORKVILLE TO SOUTH PLAINFIELD TORNADO...

Rating: EF-1
Estimated peak wind: 105 mph
Path length /Statute/: 14.5 miles
Path width /Maximum/: 250 yards
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 3:15 PM CDT
Start location: 4 S Yorkville

End date: 08/10/2020
End time: 3:30 PM CDT
End location: 4 S Plainfield

The tornado started on the far south side of Yorkville near Walsh Drive where a pergola was destroyed, siding was ripped off a house, and parts of a fence and a tree were thrown over a roadway. Eyewitness accounts indicate the debris was lifted and twirled, consistent with a tornado. The tornado then progressed east-southeastward producing damage to trees along State Route 126 toward Schlapp Road. The most significant damage was found east of Schlapp Road along Wheeler road where trees were mangled, a farm building was destroyed with debris deposited in a nearby field, and a large grain bin was bent inward. Wood panels were thrown

into the ground leaving scour marks in the grass. Six power poles were snapped along Ridge road, and a 1000-1500 lb auger was moved about 50 feet. This is where the tornado likely reached peak intensity with winds near 105 mph. The tornado continued southeast into neighborhoods south of Renwick road producing mainly tree damage, and ended just before I-55. A swath of damaging winds consistent with speeds of 70 to 80 mph continued into Crest Hill based on prolific tree damage.

.WHEATON TORNADO....

Rating: EF-1
Estimated peak wind: 90 mph
Path length /Statute/: 0.3 miles
Path width /Maximum/: 200 yards
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 3:35 PM CDT
Start location: .25 NE Wheaton

End date: 08/10/2020
End time: 3:36 PM CDT
End location: 0.5 NE Wheaton

Survey Summary:

A very brief tornado touched down near the intersection of Seminary Avenue and Scott Street before moving northeast where it knocked a roughly 50 foot steeple around to the north side of the College Church in Wheaton. The tornado then produced minor tree damage before lifting near College Avenue and Howard Street.

.WHEATON TO GLEN ELLYN STRAIGHT LINE WINDS...

Estimated peak wind: 90 mph
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 3:36 PM CDT
Start location: 1 ENE Wheaton

End date: 08/10/2020
End time: 3:38 PM CDT
End location: 1 NE Glen Ellyn

After a very brief break in damage after the Wheaton tornado lifted, a corridor of enhanced straight line winds developed at the southern flank of a circulation. Damage to trees and utility poles were noted, with the peak of the damage corridor occurring east of North Main Street and towards Lake Ellyn Park. Damage in this region is consistent with wind speeds of up to 90 mph.

.LOMBARD/VILLA PARK TORNADO....

Rating: EF-1
Estimated peak wind: 95 mph
Path length /Statute/: 2.1 miles
Path width /Maximum/: 200 yards
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 3:39 PM CDT
Start location: 1 NE Lombard

End date: 08/10/2020
End time: 3:42 PM CDT
End location: 1 NW Villa Park

Survey Summary:

The same storm which produced the brief Wheaton tornado produced another region of tornado damage immediately east of I-355 just east of Lilacia Park. This tornado also continued in a northeasterly direction, uprooting trees--some snapped at the trunk--as well as causing some house damage including a few with substantial roof damage. The worst damage occurred near and around the Lombard Common just south of St. Charles Road. Damage eased considerably on the north side of the circulation, with a more gradual drop off in damage to its south. The tornado lifted just northeast of the Jefferson Middle School.

.PARK FOREST TORNADO...

Rating: EF-0
Estimated peak wind: 85 mph
Path length /Statute/: 2 miles
Path width /Maximum/: 350 yards
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 3:57 PM CDT
Start location: 1.5 SW Park Forest

End date: 08/10/2020
End time: 4:59 PM CDT
End location: 0.5 ESE Park Forest

A brief tornado touched down very close to the Cook/Will county line near Shabbona Drive. It racked northeast where it produced a localized area of fairly widespread tree damage consistent with high-end EF-0 wind speeds. The worst damage was confined to a small area near Marquette and Somonauk Parks, although very little structural damage was noted in this area. The tornado lifted over Schuberts Woods Forest Preserve. Sporadic straight-line wind damage continued east towards State Street east of South Chicago Heights.

.ROGERS PARK (CHICAGO) TORNADO....

Rating: EF-1
Estimated peak wind: 110 mph
Path length /Statute/: 3.2 miles
Path width /Maximum/: 300 yards
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 3:59 PM CDT
Start location: Near Lincolnwood

End date: 08/10/2020
End time: 4:04 PM CDT
End location: Jarvis and Fargo Beaches

Survey Summary:

This tornado initially touched down south of the intersection of Crawford and Touhy avenues in the suburb of Lincolnwood. It then continued moving just north of due east before moving offshore near the Jarvis and Fargo Beaches. The most intense damage, consistent with that of a high-end EF-1 tornado, occurred within approximately one mile of the lakefront, as well as near and within Phillip Rogers Park.

.GRANT PARK TORNADO...

Rating: EF-0
Estimated peak wind: 80 mph
Path length /Statute/: 1.5 miles
Path width /Maximum/: 250 yards
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 4:04 PM CDT
Start location: 1 NE Grant Park

End date: 08/10/2020
End time: 4:06 PM CDT
End location: Grant Park

An EF-0 tornado touched down just northwest of Grant Park along N 11000 E Road and traveled southeast through Grant Park. Considerable tree damage was found along the path. The tornado ended near Lake Metonga.

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.

We thank local academic and emergency management partners for their help in surveying the damage from the 8/10/2020 derecho event.

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010-011-019-141000-

Public Information Statement
National Weather Service Chicago IL
459 PM CDT Thu Aug 13 2020 /559 PM EDT Thu Aug 13 2020/

...NWS DAMAGE SURVEY FOR 08/10/2020 DERECHO AND TORNADO EVENT...

A well-organized and long-lived thunderstorm complex produced widespread severe wind damage across northern Illinois and Indiana during the afternoon hours on Monday, August 10th. Associated straight line wind damage across NWS Chicago's area of responsibility is consistent with 60 to 80 mph wind gusts, with pockets of enhanced winds likely in excess of 90 mph.

Several tornadic circulations developed within the main line of thunderstorms, producing 13 tornadoes across northern Illinois and northwest Indiana. In addition, a lone supercell that was subsequently absorbed into the main line produced two tornadoes in and around the Rockford area, bringing the total number of tornadoes for this event to 15. As it stands at this time, this is the 5th highest number of tornadoes to occur on a single calendar day in NWS Chicago's area of responsibility, and the most to occur on a single calendar day in the month of August since 1950.

.FORRESTON AREA STRAIGHT LINE WINDS...

Estimated peak wind:	100 mph
Fatalities:	0
Injuries:	5
Start date:	08/10/2020
Start time:	2:15 PM CDT
Start location:	Forreston
End date:	08/10/2020
End time:	2:30 PM CDT

End location: Forreston

Very strong straight line winds of 90 to 100 mph occurred in the town of Forreston in far northwestern Ogle County. Reports indicate that several mobile homes on the east side of the town were damaged or destroyed, and photos also revealed significant damage to a metal building near the BP gas station with associated debris all blown toward the northeast. Widespread tree damage also occurred.

.SOUTHWEST ROCKFORD TORNADO...

Rating: EF-0
Estimated peak wind: 75 mph
Path length /Statute/: 1.5 miles
Path width /Maximum/: 50 yards
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 2:37 PM CDT
Start location: 3 SW Rockford

End date: 08/10/2020
End time: 2:38 PM CDT
End location: 1.5 SW Rockford

Survey Summary:

A very brief tornado touched down near the intersection of Pierpont Ave and Montague Road and continued northeast into the southwest side of Rockford. The tornado ended near the intersection of Ferguson and Loomis Streets. All damage was to trees along the tornado path.

.ROCKFORD TO CALEDONIA TORNADO...

Rating: EF-1
Estimated peak wind: 100 mph
Path length /Statute/: 9.2 miles
Path width /Maximum/: 300 yards
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 2:47 PM CDT
Start location: 3 NE Rockford

End date: 08/10/2020
End time: 3:05 PM CDT
End location: 1 SW Caledonia

Survey Summary:

This tornado was associated with the same supercell thunderstorm that produced an initial brief EF-0 tornado immediately southwest of Rockford, but it has been determined these exist as two separate tracks. This tornado developed as the main line of thunderstorms caught up, and eventually merged with, the parent

supercell with this path starting near Guilford Road just north of Rockford College before heading northeast. Significant tree damage, consistent with EF-1 wind speeds, occurred in a localized area immediately east of Rock Valley College west of North Perryville Road. The tornado continued northeast, crossing I-90/39, producing sporadic damage before lifting near Caledonia Road.

.KIRKLAND TORNADO...

Rating: EF-0
Estimated peak wind: 80 mph
Path length /Statute/: 6 miles
Path width /Maximum/: 40 yards
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 3:50 PM CDT
Start location: 2 NW Kirkland

End date: 08/10/2020
End time: 3:57 PM CDT
End location: 3 NE Kirkland

Survey Summary:

Drone footage shared with NWS Chicago reveals a narrow swath of corn flattened in a convergent pattern. This brief tornado crossed Buck Road and Pearl Street before lifting in a field east of Myelle Road.

.OTTAWA TORNADO...

Rating: EF-1
Estimated peak wind: 100 mph
Path length /Statute/: 0.75 miles
Path width /Maximum/: 150 yards
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 2:59 PM CDT
Start location: Ottawa

End date: 08/10/2020
End time: 3:01 PM CDT
End location: Ottawa

The tornado started south of Marquette Street west of Michigan Street and progressed eastward. The tornado impacted several businesses ripping off well-anchored roofing material and snapping a power pole at its base. It was here that the max intensity of the tornado was reached with peak winds of around 100 mph. The tornado then continued eastward ripping shingles off roofs of buildings and houses just west of Route 23 and shredding trees. The tornado is believed to have lifted in an inaccessible forested area east of the Fox river. Eye witnesses indicated the tornado

may have had multiple vortices with clear rising and rotating motion of debris.

.SOMONAUK STRAIGHT LINE WINDS...

Estimated peak wind: 90 mph
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 2:59 PM CDT
Start location: Somonauk

End date: 08/10/2020
End time: 3:01 PM CDT
End location: Somonauk

Widespread tree damage with a few trees snapped very near their base were observed throughout Somonauk and surrounding areas. Seven large and new utility poles were also snapped about 10 feet up from their base about three miles north of Somonauk on Somonauk Road. The damage was consistent with straight line winds up to 90 mph.

.SOUTHEAST MARENGO TORNADO...

Rating: EF-1
Estimated peak wind: 95 mph
Path length /Statute/: 5.7 miles
Path width /Maximum/: 200 yards
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 3:05 PM CDT
Start location: 5 SW Marengo

End date: 08/10/2020
End time: 3:11 PM CDT
End location: 3 SW Marengo

Survey Summary:

This EF-1 tornado started on Harmony Road immediately southwest of I-90 near the McHenry/DeKalb County line. Tree damage consistent with winds around 95 mph occurred immediately northeast of I-90. The tornado heavily damaged a single family home near Maple Street before heading northeast and lifting near Coral and Dunham Roads.

.NORTHWEST ELBURN TORNADO...

Rating: EF-1
Estimated peak wind: 90 mph
Path length /Statute/: 1.2 miles
Path width /Maximum/: 40 yards
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 3:12 PM CDT
Start location: 2 NE Maple Park

End date: 08/10/2020
End time: 3:14 PM CDT
End location: 4 NW Elburn

Survey Summary:

Drone footage shared with NWS Chicago reveals a narrow swath of corn flattened in a convergent pattern. In addition, damage to a barn was noted, with a near complete removal of the gabled roof. This damage is consistent with a tornado with winds of EF-1 intensity.

.YORKVILLE TO SOUTH PLAINFIELD TORNADO...

Rating: EF-1
Estimated peak wind: 105 mph
Path length /Statute/: 14.5 miles
Path width /Maximum/: 250 yards
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 3:15 PM CDT
Start location: 4 S Yorkville

End date: 08/10/2020
End time: 3:30 PM CDT
End location: 4 S Plainfield

The tornado started on the far south side of Yorkville near Walsh Drive where a pergola was destroyed, siding was ripped off a house, and parts of a fence and a tree were thrown over a roadway. Eyewitness accounts indicate the debris was lifted and twirled, consistent with a tornado. The tornado then progressed east-southeastward producing damage to trees along State Route 126 toward Schlapp Road. The most significant damage was found east of Schlapp Road along Wheeler road where trees were mangled, a farm building was destroyed with debris deposited in a nearby field, and a large grain bin was bent inward. Wood panels were thrown into the ground leaving scour marks in the grass. Six power poles were snapped along Ridge road, and a 1000-1500 lb auger was moved about 50 feet. This is where the tornado likely reached peak intensity with winds near 105 mph. The tornado continued southeast into neighborhoods south of Renwick road producing mainly tree damage, and ended just before I-55. A swath of damaging winds consistent with speeds of 70 to 80 mph continued into Crest Hill based on prolific tree damage.

.WHEATON TORNADO....

Rating: EF-1
Estimated peak wind: 90 mph
Path length /Statute/: 0.3 miles
Path width /Maximum/: 200 yards

Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 3:35 PM CDT
Start location: .25 NE Wheaton

End date: 08/10/2020
End time: 3:36 PM CDT
End location: 0.5 NE Wheaton

Survey Summary:

A very brief tornado touched down near the intersection of Seminary Avenue and Scott Street before moving northeast where it knocked a roughly 50 foot steeple around to the north side of the College Church in Wheaton. The tornado then produced minor tree damage before lifting near College Avenue and Howard Street.

.WHEATON TO GLEN ELLYN STRAIGHT LINE WINDS...

Estimated peak wind: 90 mph
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 3:36 PM CDT
Start location: 1 ENE Wheaton

End date: 08/10/2020
End time: 3:38 PM CDT
End location: 1 NE Glen Ellyn

After a very brief break in damage after the Wheaton tornado lifted, a corridor of enhanced straight line winds developed at the southern flank of a circulation. Damage to trees and utility poles were noted, with the peak of the damage corridor occurring east of North Main Street and towards Lake Ellyn Park. Damage in this region is consistent with wind speeds of up to 90 mph.

.LOMBARD/VILLA PARK TORNADO....

Rating: EF-1
Estimated peak wind: 95 mph
Path length /Statute/: 2.1 miles
Path width /Maximum/: 200 yards
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 3:39 PM CDT
Start location: 1 NE Lombard

End date: 08/10/2020
End time: 3:42 PM CDT
End location: 1 NW Villa Park

Survey Summary:

The same storm which produced the brief Wheaton tornado produced another region of tornado damage immediately east of I-355 just east of Lilacia Park. This tornado also continued in a northeasterly direction, uprooting trees--some snapped at the trunk--as well as causing some house damage including a few with substantial roof damage. The worst damage occurred near and around the Lombard Common just south of St. Charles Road. Damage eased considerably on the north side of the circulation, with a more gradual drop off in damage to its south. The tornado lifted just northeast of the Jefferson Middle School.

.CAMP LAKE TORNADO...

Rating: EF-1
Estimated Peak Wind: 90 mph
Path Length /statute/: 3.75 miles
Path Width /maximum/: 150 yards
Fatalities: 0
Injuries: 0

Start Date: 08/10/2020
Start Time: 03:41 PM CDT
Start Location: 2 WSW Channel Lake

End Date: 08/10/2020
End Time: 03:48 PM CDT
End Location: 1 S Camp Lake / Kenosha County / WI

Survey Summary:

Tornado started in NW Lake County and continued through Camp Lake and appeared to dissipate over the lake in NWS Milwaukee's area of responsibility. Mainly tree damage occurred with the most significant structural damage occurring in NW Lake County.

.OAK FOREST-MIDLOTHIAN TORNADO...

Rating: EF-1
Estimated peak wind: 100 mph
Path length /Statute/: 4.9 miles
Path width /Maximum/: 250 yards
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 3:54 PM CDT
Start location: 1 WNW Oak Forest

End date: 08/10/2020
End time: 3:59 PM CDT
End location: 1 ESE Midlothian

A tornado touched down just east of South Harlem Avenue in Oak Forest, then moved nearly due east along 151st Street producing mainly minor tree and structural damage before lifting near the I-57/I-294 interchange in Midlothian. The worst and most concentrated damage then occurred near Midlothian in the region between Cicero Avenue and Pulaski Road. Several large trees and

power poles were snapped near their bases in this region, producing damage consistent with an EF-1 tornado. Damage felled consistently in a convergent pattern towards the track centerline. The tornado damage then began to transition to a region of enhanced straight line winds near the I-57/294 interchange where the damage became increasingly oriented in an easterly direction. Downed utility poles and snapped trees indicate wind speeds were likely near 90 mph, with the most notable damage centered in and around the Harvey area bounded on the north by Sibley Boulevard and the south by 159th Street. This high degree of wind damage persisted east into the Shabbona Woods Forest Preserve before easing towards Calumet City.

.PARK FOREST TORNADO...

Rating:	EF-0
Estimated peak wind:	85 mph
Path length /Statute/:	2 miles
Path width /Maximum/:	350 yards
Fatalities:	0
Injuries:	0
Start date:	08/10/2020
Start time:	3:57 PM CDT
Start location:	1.5 SW Park Forest
End date:	08/10/2020
End time:	3:59 PM CDT
End location:	0.5 ESE Park Forest

A brief tornado touched down very close to the Cook/Will county line near Shabbona Drive. It tracked northeast where it produced a localized area of tree damage consistent with high-end EF-0 wind speeds. The worst damage was confined to a small area near Marquette and Somonauk Parks, although very little structural damage was noted in this area. The tornado lifted over Schuberts Woods Forest Preserve. Sporadic straight-line wind damage continued east towards State Street east of South Chicago Heights.

.ROGERS PARK (CHICAGO) TORNADO....

Rating:	EF-1
Estimated peak wind:	110 mph
Path length /Statute/:	3.2 miles
Path width /Maximum/:	300 yards
Fatalities:	0
Injuries:	0
Start date:	08/10/2020
Start time:	3:59 PM CDT
Start location:	Near Lincolnwood
End date:	08/10/2020
End time:	4:04 PM CDT
End location:	Jarvis and Fargo Beaches

Survey Summary:

This tornado initially touched down south of the intersection of Crawford and Touhy avenues in the suburb of Lincolnwood. It then continued moving just north of due east before moving offshore near the Jarvis and Fargo Beaches. The most intense damage, consistent with that of a high-end EF-1 tornado, occurred within approximately one mile of the lakefront, as well as near and within Phillip Rogers Park.

.GRANT PARK TORNADO...

Rating: EF-0
Estimated peak wind: 80 mph
Path length /Statute/: 1.5 miles
Path width /Maximum/: 250 yards
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 4:04 PM CDT
Start location: 1 NE Grant Park

End date: 08/10/2020
End time: 4:06 PM CDT
End location: Grant Park

An EF-0 tornado touched down just northwest of Grant Park along N 11000 E Road and traveled southeast through Grant Park. Considerable tree damage was found along the path. The tornado ended near Lake Metonga.

.KENTLAND AREA TORNADO...

Rating: EF-0
Estimated peak wind: 70 mph
Path length /Statute/: 0.75 miles
Path width /Maximum/: 40 yards
Fatalities: 0
Injuries: 0

Start date: 08/10/2020
Start time: 4:15 PM CDT
Start location: 5 N Kentland

End date: 08/10/2020
End time: 4:15 PM CDT
End location: 5 N Kentland

This EF-0 tornado was on the ground for less than 1 minute and produced minor damage to a metal farm building immediately west of State Highway 41.

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.

We thank local academic and emergency management partners for their help in surveying the damage from the 8/10/2020 derecho event.

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Bardou/Borchardt/Carlaw/Castro/Izzi/Lenning/Lincoln/Sirvatka