

Public Information Statement
National Weather Service Chicago IL
246 PM CDT FRI JUL 1 2016 /346 PM EDT FRI JUL 1 2016/

...Updated June 22 2016 Tornado Event Summary...

NWS ground survey data combined with aerial photography, radar AND satellite imagery, and detailed reports from trained storm spotters have helped to determine that 15 tornadoes occurred across the NWS Chicago County Warning Area on Wednesday June 22. This is two more than our previous count. We believe this likely is a final tornado count unless previously unknown information comes to light.

In addition, three tornadoes occurred across the NWS Quad Cities County Warning Area on June 22, making the total tornado count for northern Illinois at 18.

The strongest tornadoes occurred just north of Marseilles and Seneca in LaSalle County, and in Pontiac in Livingston County.

Detailed breakdowns of each tornado can be found below. The two new tornadoes included in this report are from Chatsworth and Clifton.

SUPERCELL #1 ("Northern Storm")

.WEST BROOKLYN TORNADO...

Rating: EF-1
Estimated peak wind: 110 mph
Path length /Statute/: 4.1 miles
Path width /Maximum/: 300 yards
Fatalities: 0
Injuries: 0

Start date: JUNE 22, 2016
Start time: 7:19 PM
Start location: 1.1 MILES NORTHWEST OF WEST BROOKLYN
Start Lat/Lon: 41.6989 / -89.1684

End date: JUNE 22, 2016
End time: 7:35 PM
End location: 2.6 MILES EAST-NORTHEAST OF WEST BROOKLYN
End_lat/lon: 41.7012 / -89.0972

.WEST BROOKLYN SATELLITE TORNADO...

Rating: EF-0
Estimated peak wind: 70 mph
Path length /Statute/: 0.1 miles
Path width /Maximum/: 50 yards
Fatalities: 0
Injuries: 0

Start date: JUNE 22, 2016
Start time: 7:31 PM
Start location: 1.7 MILES NORTHEAST OF WEST BROOKLYN
Start Lat/Lon: 41.7134 / -89.1286

End date: JUNE 22, 2016
End time: 7:32 PM
End location: 1.8 MILES NORTHEAST OF WEST BROOKLYN
End_lat/lon: 41.7133 / -89.1261

.EARLVILLE TORNADO...

Rating: EF-1
Estimated peak wind: 110 mph
Path length /Statute/: 4.3 miles
Path width /Maximum/: 400 yards
Fatalities: 0
Injuries: 0

Start date: JUNE 22 2016
Start time: 759 PM CDT
Start location: 0.7 MILES NORTHEAST OF EARLVILLE
Start Lat/Lon: 41.5960 / -88.9176

End date: JUNE 22 2016
End time: 809 PM CDT
End location: 4.6 MILES EAST-SOUTHEAST OF EARLVILLE
End_lat/lon: 41.5691 / -88.8431

.NORTHEAST OF EARLVILLE TORNADO #1...

Rating: EF-0
Estimated peak wind: 80 mph
Path length /Statute/: 0.3 miles
Path width /Maximum/: 75 yards
Fatalities: 0
Injuries: 0

Start date: JUNE 22 2016
Start time: 759 PM CDT
Start location: 2.8 MILES NORTHEAST OF EARLVILLE
Start Lat/Lon: 41.6233 / -88.8999

End date: JUNE 22 2016
End time: 800 PM CDT
End location: 2.5 MILES NORTHEAST OF EARLVILLE
End_lat/lon: 41.6190 / -88.9003

.NORTHEAST OF EARLVILLE TORNADO #2...

Rating: EF-1
Estimated peak wind: 95 mph
Path length /Statute/: 1.4 miles
Path width /Maximum/: 250 yards
Fatalities: 0
Injuries: 0

Start date: JUNE 22 2016
Start time: 802 PM CDT
Start location: 2.1 MILES NORTHEAST OF EARLVILLE
Start Lat/Lon: 41.6152 / -88.9040

End date: JUNE 22 2016
End time: 807 PM CDT
End location: 2.0 MILES EAST-NORTHEAST OF EARLVILLE
End_lat/lon: 41.6000 / -88.8890

.SHERIDAN AREA TORNADO...

Rating: EF-1
Estimated peak wind: 110 mph
Path length /Statute/: 1.7 miles
Path width /Maximum/: 250 yards

Fatalities: 0
Injuries: 0

Start date: JUNE 22 2016
Start time: 822 PM CDT
Start location: 5 MILES NORTHWEST SHERIDAN
Start Lat/Lon: 41.5630 / -88.7753

End date: JUNE 22 2016
End time: 827 PM CDT
End location: 3 MILES NORTHWEST SHERIDAN
End_lat/lon: 41.5656 / -88.7424

SUPERCELL #2 ("Central Storm")

.TROY GROVE TORNADO...

Rating: EF-1
Estimated peak wind: 100-110 mph
Path length /Statute/: 0.5 miles
Path width /Maximum/: 50 yards
Fatalities: 0
Injuries: 0

Start date: JUNE 22 2016
Start time: 811 PM CDT
Start location: TROY GROVE
Start Lat/Lon: 41.4641 / -89.0885

End date: JUNE 22 2016
End time: 812 PM CDT
End location: TROY GROVE
End_lat/lon: 41.4644 / -89.0792

.NORTHWEST OF OTTAWA TORNADO...

Rating: EF-1
Estimated peak wind: 95 mph
Path length /Statute/: 0.5 miles
Path width /Maximum/: 50 yards
Fatalities: 0
Injuries: 0

Start date: JUNE 22 2016
Start time: 832 PM CDT
Start location: 5.5 MILES NORTHWEST OF OTTAWA
Start Lat/Lon: 41.4140 / -88.9084

End date: JUNE 22 2016
End time: 833 PM CDT
End location: 5.2 MILES NORTHWEST OF OTTAWA
End_lat/lon: 41.4112 / -88.9005

.DAYTON / NORTH OF OTTAWA TORNADO...

Rating: EF-1
Estimated peak wind: 90 mph
Path length /Statute/: 6.7 miles
Path width /Maximum/: 100 yards
Fatalities: 0
Injuries: 0

Start date: JUNE 22, 2016
Start time: 839 PM CDT
Start location: 6.6 MILES NORTH OF OTTAWA
Start Lat/Lon: 41.4402 / -88.8712

End date: JUNE 22 2016
End time: 853 PM CDT
End location: 9.1 MILES NORTHEAST OF OTTAWA
End_lat/lon: 41.3812 / -88.7732

.MARSEILLES / SENECA TORNADO...

Rating: EF-2
Estimated peak wind: 110-120 mph
Path length /Statute/: 8.1 miles
Path width /Maximum/: 300 yards
Fatalities: 0
Injuries: 0

Start date: JUNE 22 2016
Start time: 853 PM CDT
Start location: 2.5 MILES NORTH OF MARSEILLES
Start Lat/Lon: 41.3669 / -88.7100

End date: JUNE 22 2016
End time: 915 PM CDT
End location: 2.6 MILES NORTHEAST OF SENECA
End_lat/lon: 41.3303 / -88.5632

.MAZON TORNADO...

Rating: EF-0
Estimated peak wind: 85 mph
Path length /Statute/: 1 mile
Path width /Maximum/: 100 yards
Fatalities: 0
Injuries: 0

Start date: JUNE 22 2016
Start time: 929 PM CDT
Start location: 3.1 MILES NORTHEAST OF MAZON
Start Lat/Lon: 41.266 / -88.3734

End date: JUNE 22 2016
End time: 936 PM CDT
End location: 3.8 MILES NORTHEAST OF MAZON
End_lat/lon: 41.2674 / -88.3601

.CLIFTON TORNADO...

Rating: EF-1
Estimated peak wind: 100 mph
Path length /Statute/: 1.7 miles
Path width /Maximum/: 50 yards
Fatalities: 0
Injuries: 0

Start date: JUNE 22 2016
Start time: 1012 PM CDT
Start location: 2 MILES WEST SOUTHWEST OF CLIFTON
Start Lat/Lon: 40.9223 / -87.9891

End date: JUNE 22 2016
End time: 1015 PM CDT
End location: 2 MILES SOUTHWEST OF CLIFTON
End_lat/lon: 40.9092 / -87.9616

SUPERCELL #3 ("Southern Storm")

.PONTIAC TORNADO...

Rating: EF-2
Estimated peak wind: 115-125 mph
Path length /Statute/: 11.1 miles
Path width /Maximum/: 440 yards
Fatalities: 0
Injuries: 4

Start date: JUNE 22, 2016
Start time: 1006 PM CDT
Start location: 8 MILES NORTHWEST OF PONTIAC
Start Lat/Lon: 40.9183 / -88.7776

End date: JUNE 22, 2016
End time: 1024 PM CDT
End location: 3 MILES SOUTHEAST OF PONTIAC
End_lat/lon: 40.8485 / -88.5857

.CHATSWORTH TORNADO...

Rating: EF-0
Estimated peak wind: 80 mph
Path length /Statute/: 0.1 miles
Path width /Maximum/: 10 yards
Fatalities: 0
Injuries: 0

Start date: JUNE 22 2016
Start time: 1049 PM CDT
Start location: 1 MILE NORTH OF CHATSWORTH
Start Lat/Lon: 40.7769 / -88.2998

End date: JUNE 22 2016
End time: 1050 PM CDT
End location: 1 MILE NORTH OF CHATSWORTH
End_lat/lon: 40.7763 / -88.2998

.CISSNA PARK TORNADO...

Rating: EF-1
Estimated peak wind: 110 mph
Path length /Statute/: 3.1 miles
Path width /Maximum/: 440 yards
Fatalities: 0
Injuries: 0

Start date: JUNE 22, 2016
Start time: 1137 PM CDT
Start location: 1.6 MILES NORTH CISSNA PARK
Start Lat/Lon: 40.5867 / -87.9016

End date: JUNE 22, 2016
End time: 1141 PM CDT

End location: 2.0 MILES SOUTHEAST OF CISSNA PARK
End_lat/lon: 40.5586 / -87.8575

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:

Again, the information in this statement is not yet final and subject to change pending final review of the event and publication in NWS Storm Data.

Thank you to our NWS counterparts from the office in Lincoln, IL for assisting with the survey. Also thank you to the Civil Air Patrol for conducting several flights over the damage paths, which provided extremely valuable data in confirming and finalizing tornado paths. Finally, thank you to the county emergency management agencies that assisted with the documentation of this event.

\$\$