

SEVERE WEATHER AWARENESS WEEK

APRIL 24 – APRIL 30, 2022



MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

Impacts & Definitions

Severe Thunderstorms

Safety & Preparedness

Tornadoes

Flash Floods

Review



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SEVERE WEATHER AWARENESS WEEK



IMPACTS & DEFINITIONS

THUNDERSTORM HAZARDS & IMPACTS



Strong winds can knock down trees and damage buildings.



Hail can damage cars, buildings, crops and cause injury.



Tornadoes can destroy homes and buildings and cause significant injury or death.



Lightning strikes can cause significant injury or death.



Heavy rain can lead to flash flooding.

WATCH VS. WARNING



WATCH: The environment is favorable for development of severe thunderstorms.



WARNING: Severe weather is occurring or imminent.

TAKE ACTION NOW!

2 Damage Threat Levels for Severe Thunderstorm Warnings and Statements!

- **Considerable** 70 mph wind gusts and/or Golf ball size hail (1 ½" diameter). Urgent action is needed to protect lives and property!
- **Destructive** – 80+ mph winds gusts and/or Baseball size hail (2 ¾" diameter). Severe threat to lives and property! **Cell Phone Alerted!**

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SEVERE THUNDERSTORMS

SEVERE THUNDERSTORM CRITERIA

For a storm to be considered severe, it must produce one or more of the following:



Wind gusts of 58 mph or greater



Hail at least 1" in diameter



A tornado

Although lightning can be deadly, the NWS does not use it to define a severe thunderstorm.

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SAFETY AND PREPAREDNESS

BEFORE A STORM

- Develop a plan. Identify a safe place to take shelter.
- Know what to do if a warning is issued for your area.



DURING A STORM

- Go indoors and stay away from windows.
- Find a low spot if caught outdoors.



AFTER A STORM

- Stay in shelter until the storm has passed.
- Wait at least 30 minutes until after the last rumble of thunder to resume outdoor activities



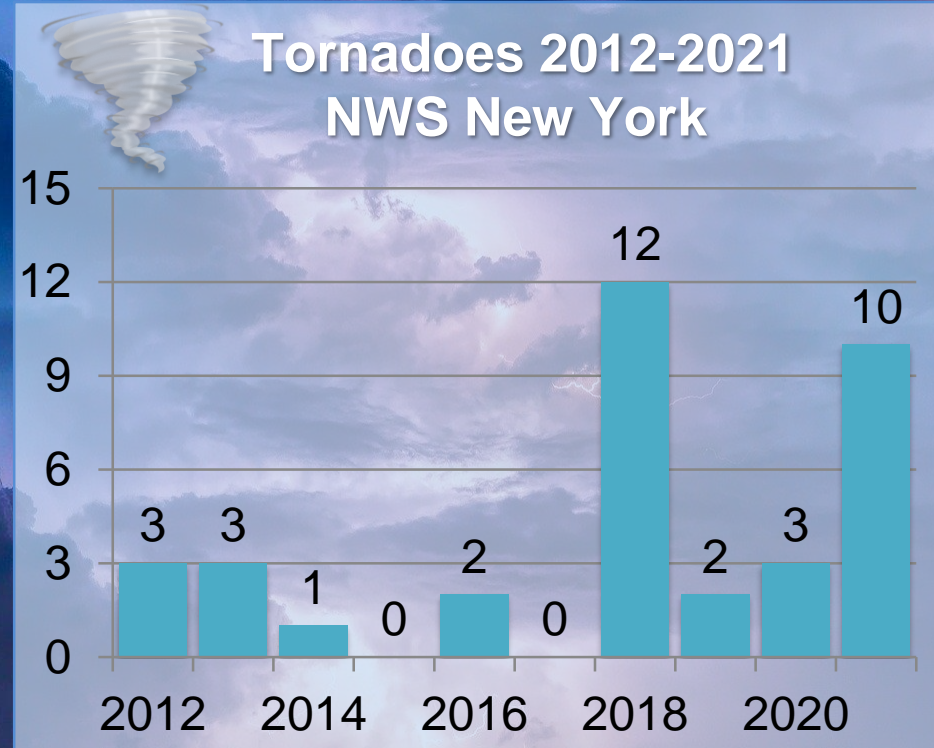
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TORNADOES

TORNADOES

- Violently rotating column of air that extends between the base of a thunderstorm and the ground.
- If a tornado warning is issued, go to the lowest floor in your house, or an interior hallway with no windows.
- Although tornadoes are most frequent in the late afternoon from June through August, they can occur at any time of the day or night during any month.



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FLASH FLOODS

FLASH FLOODS

- Flooding that normally occurs within 6 hours of heavy or intense rainfall.
- Dangerous flooding develops very quickly and is a significant threat to life and/or property.

Flooding kills more people than just about any weather-related hazard. Most deaths associated with floods occur either at night, or when people become trapped in automobiles that stall while driving in areas that are flooded.

Flood Watch

Issued when flash flooding is possible.

Stay tuned to NWS forecasts.

Be prepared to seek higher ground.

Flash Flood Warning

Issued when flash flooding occurring or imminent.

Move to higher ground!

Never drive through flooded roadways

2 Damage Threat Levels for Flash Flood Warnings!

Considerable - Unusually severe flash flood. Urgent action is needed to protect lives and property. **Cell Phone Alerted!**

Catastrophic - Exceedingly rare and historic flash flood. Severe threat to lives and causing catastrophic damage.(Flash Flood Emergency). **Cell Phone Alerted!**

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REVIEW

HAVE MULTIPLE WAYS TO RECEIVE WARNINGS



Wireless Emergency Alerts



From Your Friends,
Family and Coworkers



Local TV and Radio



Internet Sites



Outdoor Sirens



NOAA Weather Radio