

**NWS LINCOLN, IL
(ILX)**

**NWS INDIANAPOLIS, IN
(IND)**

**NWS ST. LOUIS, MO
(LSX)**

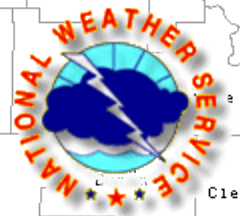
**NWS SPRINGFIELD, MO
(SGF)**

**NWS PADUCAH, KY
(PAH)**

**NWS LOUISVILLE, KY
(LMK)**

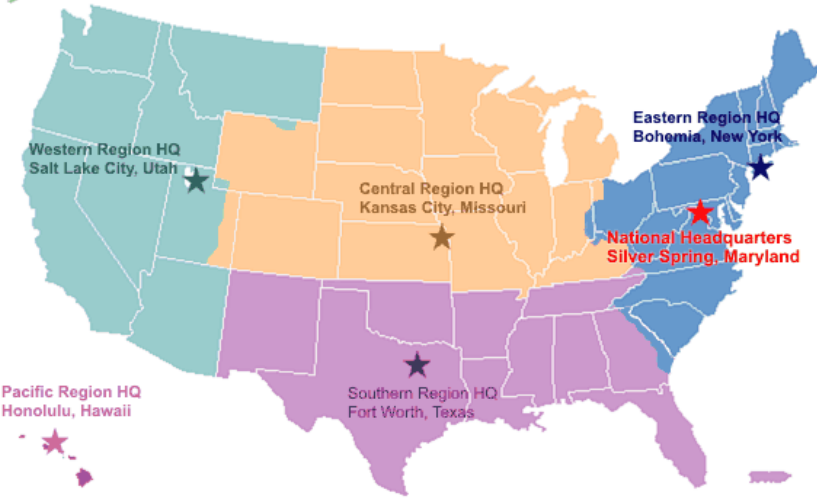
**NWS NASHVILLE, TN
(OHX)**

NWS MEMPHIS, TN (MEG)

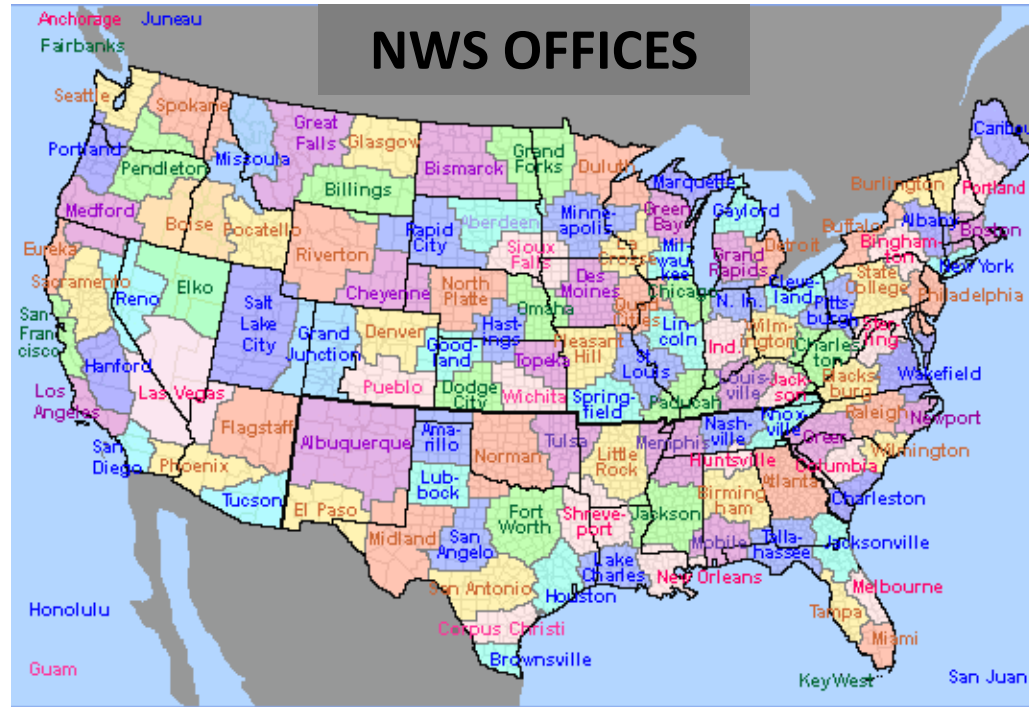


Alaska Region HQ
Anchorage, Alaska

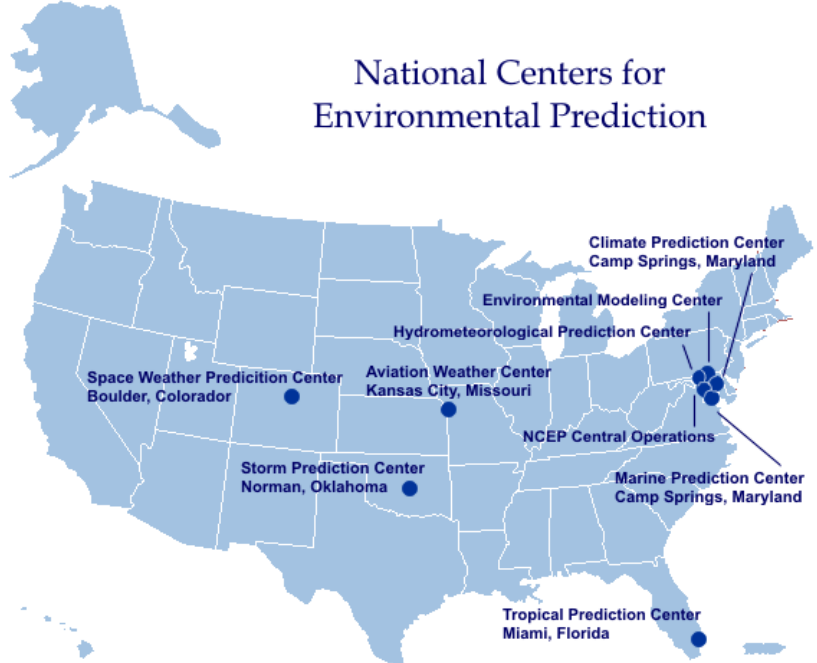
National Weather Service Regions



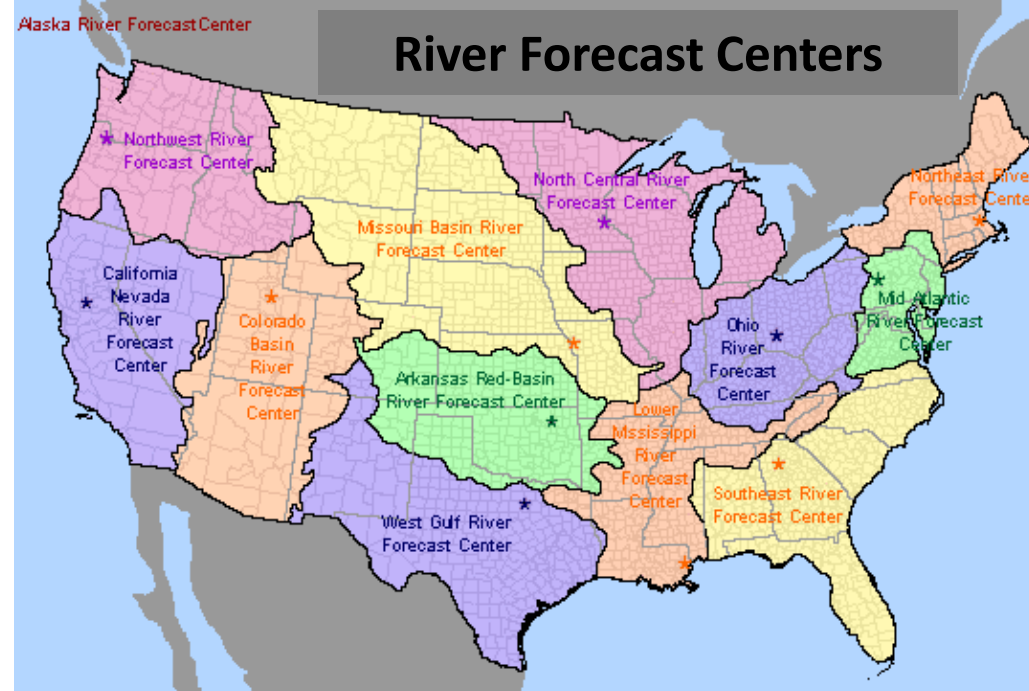
NWS OFFICES



National Centers for Environmental Prediction



River Forecast Centers





Blizzard Warning

Winter Storm Warning

Ice Storm Warning

Winter Weather Advisory

Freezing Rain Advisory

NWS Paducah, KY

Sustained wind or frequent gusts ≥ 35 mph & vsby $\leq 1/4$ mile in snow and blowing snow for ≥ 3 hrs

For Snow: ≥ 4 inches in 12 hrs (or an avg of 4 inches such as 3-5 inches) or ≥ 6 inches in 24 hrs.
For mixed precip: Must meet at least one of these criteria: $1/4$ inch of ice, $1/2$ inch of sleet, or 4 inches of snow

Ice accumulation $\geq 1/4$ inch

For snow: 2 inches or more in 12 hrs. Can be issued for less than 2 inches if it is the first or second event of the season or when rain changes to snow leaving a layer of ice underneath.
For mixed precip: Issued when a combination of freezing & frozen precip types are expected but remain below warning criteria and creates hazardous conditions.

Freezing rain/drizzle accumulations $< 1/4$ inch

NWS Louisville, KY

Sustained wind or frequent gusts ≥ 35 mph & vsby $\leq 1/4$ mile in snow and blowing snow for ≥ 3 hrs

For all snow: ≥ 4 inches in 12 hrs (or an avg of 4 inches such as 3-5 inches)
Any combination of snow, sleet or freezing rain that averages 4 inches or more in a 12 hour period.

Ice accumulation $\geq 1/4$ inch

For all snow: 1-4 inches in 12 hrs (i.e. around 1 inch, 1-2 inches, 2-4 inches)
Any combination of snow, sleet or freezing rain that measures 1-4 inches or more in a 12 hour period.

Freezing rain/drizzle accumulations $< 1/4$ inch

NWS Springfield, MO

Sustained wind or frequent gusts ≥ 35 mph & vsby $\leq 1/4$ mile in snow and blowing snow for ≥ 3 hrs

For snow: ≥ 6 inches
OR
Any combination of greater than or equal to 3 inches of snow, sleet, glaze of freezing rain, blowing snow in 24 hours.

Ice accumulation $\geq 1/4$ inch in 24 hrs

For snow: Less than 6 inches.
For mixed precip: any combination of less than 3 inches of snow, sleet, glaze of freezing rain, blowing snow in 24 hours

Freezing rain/drizzle accumulations $< 1/4$ inch in 24 hrs

NWS St. Louis, MO

Sustained wind or frequent gusts ≥ 35 mph & vsby $\leq 1/4$ mile in snow and blowing snow for ≥ 3 hrs

At least one of the following (amounts are for the event):
Heavy snow (6+ inches)
Sleet (1/2+ inch)
Freezing Rain (1/4+ inch)

Ice accumulation $\geq 1/4$ inch

For snow: 3-5 inches in 12 hours.
Winter weather event of either snow or sleet or a combination of snow, sleet and/or freezing rain, but remaining below warning criteria.

Freezing rain/drizzle accumulations $< 1/4$ inch



Blizzard Warning

Winter Storm Warning

Ice Storm Warning

Winter Weather Advisory

Freezing Rain Advisory

NWS Indianapolis, IN

Sustained wind or frequent gusts \geq 35 mph & vsby \leq 1/4 mile in snow and blowing snow for \geq 3hrs

Snowfall of \geq 6 inches in 12 hours or 8 inches in 24 hours

Ice accumulation \geq 1/4 inch

For snow: 3-5 inches in 12 hours.

Winter weather event of either snow or sleet or a combination of snow, sleet and/or freezing rain, but remaining below warning criteria.

Freezing rain/drizzle accumulations $<$ 1/4 inch

NWS Lincoln, IL

Sustained wind or frequent gusts \geq 35 mph & vsby \leq 1/4 mile in snow or blowing snow for \geq 3hrs

Snowfall of \geq 6 inches in 12 hours or \geq 8 inches in 24 hours

Ice accumulation \geq 1/4 inch

For Snow: 3-5 inches snow in 12 hours.

For Ice: Less than 1/2 inch of sleet
Light icing ($<$ 1/4 inch) with snow and sleet.

Blowing snow: sustained wind or frequent gust of 25-34 mph, which occasionally reduces visibility to \leq 1/4 mile.

Drifting snow: wind blown snow raised to a height of 6 ft or less, causing an inconvenience to travelers.

Freezing rain/drizzle accumulations $<$ 1/4 inch

NWS Nashville, TN

Sustained wind or frequent gusts \geq 35 mph & vsby \leq 1/4 mile in snow and blowing snow for \geq 3hrs

Snowfall of 3 inches or more in 12 hours or less, or 5 inches of snow or more in 24 hours or less.

Ice accumulation \geq 1/4 inch

For Snow... 1 to less than 3 inches in 12 hours or less, or 3 to less than 5 inches in 24 hours or less.

For Blowing Snow... vsby 1/4 mile or less and winds less than 35 mph

Snow and Blowing Snow... sustained winds or frequent gusts 25-34 mph accompanied by falling and blowing snow with vsbys occasionally reduced to 1/4 mile or less for 3 hours or more.

For Sleet... accumulations less than 1/4 inch.

Freezing rain/drizzle accumulations $<$ 1/4 inch

NWS Memphis, TN

Sustained wind or frequent gusts \geq 35 mph & vsby \leq 1/4 mile in snow and blowing snow for \geq 3hrs

For snow only-For counties that border KY & MO: 4 inches or more in 12 hours; or 6 inches or more in 24 hours.

For sleet only: Accumulation of 1/2 inch or more.

For combination of snow with sleet or ice: 2 inches of snow with any accumulation of ice or sleet.

Ice accumulation \geq 1/4 inch

For snow: accumulations of more than 1 inch but less the warning criteria.

For sleet: Any accumulations less than warning criteria.

Freezing rain/drizzle accumulations $<$ 1/4 inch



	Wind Chill Advisory	Wind Chill Warning	Frost Advisory	Freeze Warning	Dense Fog Advisory	Freezing Fog Advisory
NWS Paducah, KY	Wind chills $\leq -10^{\circ}\text{F}$ to -24°F	Wind chills $\leq -25^{\circ}\text{F}$	Widespread frost expected within the CWA. Spring –no later than April 10. Fall end date – once a widespread killing freeze has occurred. Normally not issued after Nov 1, unless it has been an abnormally warm fall and no widespread killing freeze has occurred.	Widespread freeze expected with temps falling to $\leq 32^{\circ}\text{F}$ across the CWA. A killing freeze occurs when temps fall to 30°F or lower for at least 2 consecutive hours. Spring –no later than April 10. Fall end date – once a widespread killing freeze occurs. Normally not issued after Nov 1, unless it has been an abnormally warm fall and no widespread killing freeze has occurred.	Widespread dense fog reducing visibilities to 1/4 mile or less	NOT ISSUED
NWS Louisville, KY	Wind chills $\leq -10^{\circ}\text{F}$ to -24°F (with wind speed 5 to 10 mph)	Wind chills $\leq -25^{\circ}\text{F}$ and wind speed ≥ 10 mph	Widespread frost expected with air temps $\leq 35^{\circ}\text{F}$ or less for at least 2 consecutive hrs at 3 or more observation sites with winds < 6 mph. Normally not issued after Election Day, unless it has been an abnormally warm fall & late growing season with no previous frosts.	Temps fall to 30°F or less for at least 2 consecutive hrs at 3 or more observations sites. Product ceases after Election Day unless a freeze has not yet occurred. In this case, only one freeze warning is issued for the entire season.	Visibility $\leq 1/2$ mile at reporting stations for ≥ 2 hrs or widespread visibilities $\leq 1/2$ mile .	NOT ISSUED
NWS Springfield, MO	Wind chills $\leq -10^{\circ}\text{F}$ to -24°F	Wind chills $\leq -25^{\circ}\text{F}$	Widespread frost during growing season with air temperatures generally $\geq 32^{\circ}\text{F}$.	Widespread temperatures $\leq 32^{\circ}\text{F}$.	Widespread dense fog reducing visibilities to 1/4 mile or less.	Very light ice accumulations from predominantly freezing fog.
NWS St. Louis, MO	Wind chills $\leq -15^{\circ}\text{F}$ to -24°F	Wind chills $\leq -25^{\circ}\text{F}$	Widespread frost during growing season (temperatures in middle 30s, light winds, and dew potential)	Widespread temperatures of $\leq 32^{\circ}\text{F}$.	Widespread dense fog reducing visibilities to 1/4 mile or less.	Very light ice accumulations from freezing fog.



	Wind Chill Advisory	Wind Chill Warning	Frost Advisory	Freeze Warning	Dense Fog Advisory	Freezing Fog Advisory
NWS Indianapolis, IN	Wind chills $\leq -10^{\circ}\text{F}$ to -24°F	Wind chills $\leq -25^{\circ}\text{F}$	Widespread frost during growing season with temperatures generally in the mid 30s.	Widespread temperatures $\leq 32^{\circ}\text{F}$ during growing season.	Widespread dense fog reducing visibilities to 1/4 mile or less.	Very light ice accumulations from predominantly freezing fog.
NWS Lincoln, IL	Wind chills $\leq -15^{\circ}\text{F}$ to -24°F	Wind chills $\leq -25^{\circ}\text{F}$	Widespread frost during growing season with temperatures generally $\geq 32^{\circ}\text{F}$.	Widespread temperatures $\leq 32^{\circ}\text{F}$ during growing season.	Widespread dense fog reducing visibilities to 1/4 mile or less.	Very light ice accumulations from predominantly freezing fog.
NWS Nashville, TN	Very cold temperatures and gusty winds combine to create a wind chill below zero (0F) for an hour or more.	Very cold temperatures and gusty winds combine to create a wind chill value at or below -10F an hour or more.	Widespread frost with temps 33-36°F during growing season (~ April 15) (Optional if only patchy frost expected, but required for 1st fall event).	Widespread temps $\leq 32^{\circ}\text{F}$ during growing season (issued even when conditions are expected to only impact outlying areas). Warnings ceased once there have been at least a few reports of killing freezes (27°F or less).	Widespread dense fog reducing visibilities to 1/4 mile or less.	Very light ice accumulations are expected or are occurring from freezing fog.
NWS Memphis, TN	Wind chill values 0°F to -17°F over a large area that will last more than one hour.	Wind chills of -18°F or lower over a large area that will last more than one hour.	Minimum shelter temperature forecast to be 33 to 36°F during the growing season on nights with good radiational cooling making conditions conducive for frost formation (e.g., light winds, clear skies, high humidity).	Temperatures $\leq 32^{\circ}\text{F}$ during the growing season, the first freeze in the fall, or when a freeze is expected after vegetation has budded/bloomed in spring. The growing season ends with the first minimum temperature below 28°F.	Widespread dense fog reducing visibilities to 1/4 mile or less.	Very light ice accumulation resulting from freezing fog (no visibility requirement).



Excessive Heat Warning

Heat Advisory

High Wind Warning

Wind Advisory

Lake Wind Advisory

NWS Paducah, KY

Maximum heat index around 110°F and a minimum heat index of 75°F or higher for at least 48 hours. Can be issued if heat indices of 105°F occur for 4 consecutive days.

Maximum heat index around 105°F.

Sustained winds ≥ 40 mph for ≥ 1 hr or ≥ 58 mph for any duration.

Winds ≥ 30 mph for ≥ 1 hr/gusts ≥ 45 mph for any duration.

Sustained winds of ≥ 15 mph for ≥ 1 hour
May 1-Sept 30.

NWS Louisville, KY

Maximum heat index around 110°F for ≥ 3 hrs.

Maximum heat index around 105°F for ≥ 3 hrs.

Sustained winds ≥ 40 mph for ≥ 1 hr or ≥ 58 mph for any duration.

Winds ≥ 30 mph for ≥ 1 hr/gusts ≥ 40 mph for any duration.

NOT ISSUED

NWS Springfield, MO

Maximum heat index around 110°F or greater or heat indices of 105°F for 4 consecutive days.

Maximum heat index ranging between 105°F -109°F .

Sustained winds ≥ 40 mph for ≥ 1 hr or ≥ 58 mph for any duration.

Winds ≥ 30 mph for ≥ 1 hr/gusts ≥ 45 mph for any duration.

NOT ISSUED

NWS St. Louis, MO

Maximum heat index around 110°F .

Maximum heat index around 105°F.

Sustained winds ≥ 40 mph for ≥ 1 hr or ≥ 58 mph for any duration.

Winds ≥ 30 mph for ≥ 1 hr/gusts ≥ 45 mph for any duration.

NOT ISSUED



	Excessive Heat Warning	Heat Advisory	High Wind Warning	Wind Advisory	Lake Wind Advisory
NWS Indianapolis, IN	Maximum heat index around 105°F degrees.	Maximum heat index around 100°F.	Sustained winds ≥ 40 mph for ≥ 1 hr or ≥ 58 mph for any duration.	Winds ≥ 30 mph for ≥ 1 hr/gusts ≥ 45 mph for any duration.	NOT ISSUED
NWS Lincoln, IL	Maximum heat index around 105°F and a minimum heat index of 75°F or higher for at least 48 hours.	Maximum heat index around 100°F.	Sustained winds ≥ 40 mph for ≥ 1 hr or ≥ 58 mph for any duration.	Winds ≥ 30 mph for ≥ 1 hr/gusts ≥ 45 mph for any duration.	NOT ISSUED
NWS Nashville, TN	Maximum heat index of 110°F or higher or air temps reach 105°F or higher.	Maximum heat index around 105°F and a minimum of 75°F or higher for at least 1 to 2 days.	Sustained winds ≥ 40 mph for ≥ 1 hr or ≥ 58 mph for any duration.	Sustained winds 25-39 mph for any duration and/or gusts 35-57 mph.	NOT ISSUED
NWS Memphis, TN	Heat index values of 110°F or higher during the day with low temperatures >= 75°F at night are occurring or imminent.	The combination of heat and humidity making for heat indices between 105°F to 109°F.	Sustained winds ≥ 40 mph for ≥ 1 hr or ≥ 58 mph for any duration.	Sustained wind of 25-39 mph and persists for at least an hour.	NOT ISSUED