

SEVERE WEATHER DEFINITIONS

BLIZZARD WARNING Sustained winds or frequent gusts to 35 mph or higher for at least 3 hours, & considerable falling and/or blowing snow reducing visibility to 1/4 mile or less.

DOWNBURST A strong downdraft from a cumulonimbus cloud which induces damaging winds on or near the ground.

FLASH FLOOD A flood that follows heavy rainfall, dam/levee failure, or sudden release of water impounded by an ice jam, within a few hours. There is nothing in the NWS definition that says a flash flood must be a "wall of water."

FUNNEL CLOUD Rotating column of air that forms a pendant from a cumulus or cumulonimbus cloud. Circulation does not reach ground.

HIGH WINDS Sustained wind of 40 mph or greater for at least one hour, or wind of 58 mph or greater for any length of time.

ICE STORM WARNING Ice accumulation of 1/4-inch or more on all surfaces. Usually causes power outages.

MACROBURST Large downburst with outflow diameter 2 1/2 miles or larger & damaging winds lasting 5 to 20 minutes. Intense macrobursts can cause tornado-force damage.

MICROBURST Small downburst with outflow diameter less than 2 1/2 miles and peak winds lasting only 2 to 5 minutes. May induce dangerous wind and downstream wind shears dangerous to aircraft.

SEVERE THUNDERSTORM A thunderstorm accompanied by winds (sustained or gusts) of 58 mph (50 knots) or more and/or hail 1 inch in diameter or larger. Structural wind damage may be used to infer severe thunderstorm occurrence.

SQUALL LINE A line of thunderstorms that may extend over several hundred miles, often causing wind damage.

TORNADO A violently rotating column of air, usually funnel shaped, always attached to a cumulonimbus cloud. Circulation reaches the ground. Nearly always starts as a funnel. May be accompanied by a loud roaring sound, greenish looking sky, and/or very large hail.

TORNADO/SEVERE THUNDERSTORM WATCH A product issued by the Storm Prediction Center indicating atmospheric conditions are favorable for tornadoes/severe thunderstorms. Pay attention.

TORNADO/SEVERE THUNDERSTORM WARNING
A product issued by local NWS offices to warn of existing or suspected tornadoes/severe thunderstorms. Take cover!

WATERSPOUT A rotating column of air, usually forming a pendant from a cumulus or cumulonimbus cloud. Forms over water, and circulation reaches the water.

WIND CHILL WARNING
Northwest IN: Wind chill -30°F or colder
Rest of IN: -25° or colder

WIND CHILL ADVISORY
Northwest IN: Wind chill -20 to -29°F
Central and rest of Northern IN: Wind chill -15 to -24°
Southern IN: Wind chill -10 to -24°

WINTER STORM WARNING for HEAVY SNOW
Northern & Central IN:
6 inches or more in 12 hours or less
8 inches or more in 24 hours or less

Southern IN: 4 inches or more in 12 hours or less
6 inches or more in 24 hours or less

WINTER WEATHER ADVISORY for BLOWING SNOW
Visibility at or below 1/4 mile due to blowing snow with winds less than 35 mph.

WINTER WEATHER ADVISORY for SNOW
Northern, Central IN 3 to 5 inches in 12 hours
Southern IN Less than 4 inches in 12 hours



<http://www.nws.noaa.gov/stormready>

NWS Headquarters: <http://weather.gov>
NWS Weather Radio: <http://www.nws.noaa.gov/nwr>
Severe Weather: <http://www.spc.noaa.gov>
Climate Obs / Fcsts: <http://www.ncep.noaa.gov>

National Weather Service
6900 West Hanna Avenue
Indianapolis, IN 46241
<http://weather.gov/ind>

317-856-0360
317-856-0664



NOAA All Hazards Radio

Broadcasting from Indianapolis:
WXM-78 Bloomington, 162.450 MHz
WWG-83 Edwardsport, 162.425 MHz
WWG-72 Georgia, 162.500 MHz
WWG-73 Seymour, 162.525 MHz
KEC-74 Indianapolis, 162.550 MHz
WXK-74 Monticello, 162.475 MHz
WXK-72 Putnamville, 162.400 MHz
KZZ-27 Newport, 162.425 MHz
KJY-93 Muncie, 162.425 MHz



Broadcast Schedule

SEVEN-DAY FORECAST

24 hours a day

Updated by 4:00 AM and 4:00 PM, and as needed

EIGHT TO FOURTEEN-DAY OUTLOOK

24 hours a day

Updated at 3:00 PM each day

LOCAL WEATHER OBSERVATIONS

24 hours a day

Updated by 5 minutes past each hour

SPECIAL PROGRAMMING

Weather safety information during weather preparedness weeks; regular programming is interrupted during times of severe weather

Broadcast Schedule

CLIMATOLOGICAL REPORT

7:30 AM to 9:30 AM

and 7:30 PM to 9:30 PM

HAZARDOUS WEATHER OUTLOOK

~5:00 AM to 10:00 AM every 20 minutes

May be updated and played for similar time period any time

SPECIAL WEATHER STATEMENTS, WATCHES, WARNINGS AND FLOOD STATEMENTS

As needed

ROUTINE WEEKLY TEST

Wednesday between 11:00 AM and 12:00 PM during good weather, otherwise postponed until the next day of good weather

DESCRIPTIONS

SEVEN-DAY FORECAST: Detailed local weather forecast for the seven days. Winds available for first 2 1/2 days.

EIGHT TO FOURTEEN-DAY OUTLOOK: Forecast of above/near/below-normal temperatures & precipitation eight to fourteen days out, plus normal values for the time period.

LOCAL WEATHER OBSERVATIONS: A summary of weather conditions over Indiana and parts of adjacent states. Greater detail provided for Indianapolis, Lafayette, Terre Haute, Lawrenceville/Vincennes area, Muncie, and Bloomington.

CLIMATOLOGICAL REPORT: Indianapolis climate information including items such as high and low temperatures, precipitation and degree days. Also, Lafayette, Terre Haute, Lawrenceville, Muncie, and Bloomington high and low temperatures for closest associated transmitter locations.

HAZARDOUS WEATHER OUTLOOK: Description of any weather hazards expected during the next 7 days.

SPECIAL WEATHER STATEMENTS, WATCHES, WARNINGS AND FLOOD STATEMENTS: Specific information on hazardous weather conditions. Warnings and certain watches are preceded by a warning alarm, which activates radios that have the warning alarm feature.

ROUTINE WEEKLY TEST (RWT): Broadcast of a test warning alarm and SAME* tones for verifying operational readiness of NWS and customer equipment. Radio receivers designed and set to activate upon reception of these tones should activate during the test.

*Specific Area Message Encoding (SAME) is part of the Emergency Alert System (EAS). See your local electronics dealer for more information on weather radios with the SAME feature.