

NWS Milwaukee Summer Weather Products

	Headline	Issuance Criteria	Typical Lead-time
Watches	Severe Thunderstorm Watch	Conditions are favorable for thunderstorms containing 1" or larger hail and/or wind gusts of at least 58mph.	6 to 8 hours
	Tornado Watch	Conditions are favorable for thunderstorms producing tornadoes. Hail and strong winds are typically also possible.	6 to 8 hours
	Flood Watch	Rapidly developing and life-threatening flooding is possible due to a hydrologic event (e.g. heavy rain) or dam/levee failures.	6 to 48 hours
	Excessive Heat Watch	Conditions are favorable for an excessive heat event to meet or exceed Excessive Heat Warning criteria.	24 to 72 hours
	High Wind Watch	Conditions are favorable for sustained winds of at least 40mph for one hour or longer, or wind gusts of at least 58 mph of any duration.	18 to 48 hours
Warnings	Severe Thunderstorm Warning	A thunderstorm producing 1" or larger hail and/or wind gusts of at least 58 mph is occurring or imminent.	10 to 60 minutes
	Tornado Warning	A tornado has been reported or is highly likely occurring.	5 to 45 minutes
	Flash Flood Warning	Flash flooding is imminent or reported, and/or a dam/levee failure is imminent or occurring. Typically, 2 feet of moving water, road washouts or rainfall rates typically of over 2" per hour is considered flash flooding.	30 minutes to 6 hours
	Excessive Heat Warning	Heat Index (HI) values are forecast to meet or exceed 105F for at least two days or be between 100-104F for 4 days in a row with nighttime HI values not going <75F.	12 to 48 hours
	High Wind Warning	Sustained winds of at least 40 mph for one hour or longer, or wind gusts of at least 58 mph of any duration are expected.	Occurring now to 36 hours
Advisory	Heat Advisory	Heat index (HI) values forecast to meet or exceed 100F or be between 95-99F for 4 consecutive days.	12-36 hours
	Wind Advisory	Sustained wind speeds of 30 to 39 mph lasting for 1 hour or longer or wind gusts of 45 mph or greater of any duration.	Occurring now to 36 hours
	Dense Fog Advisory	Widespread or localized fog reducing visibilities to ¼ mile or less.	Occurring now to 36 hours

NWS Milwaukee Winter Weather Products

	Headline	Issuance Criteria	Typical Lead-time
Watch	Winter Storm Watch	Possibility of accumulating snow, sleet and/or freezing rain causing severe impacts to society and commerce.	12 to 48 hours
	Extreme Cold Watch	Possibility of very cold temperatures and brisk winds causing dangerously cold wind chills of -30F or lower.	12 to 48 hours
Warnings	Blizzard Warning	Sustained winds or frequent gusts above 35 mph causing falling and/or blowing snow to reduce visibilities below 1/4 mile for 3 hours or longer is imminent or occurring.	8 to 36 hours
	Winter Storm Warning	Heavy snow and/or sleet accumulations are occurring or imminent. The following one or more events will occur: Event snow of 6 inches or more. 3 to 6 inches of snow with sustained winds/frequent gusts of 25-34mph. Freezing rain of less than 1/4 inch of accumulation. Sleet accumulations of 2 inches or more. Blowing snow intermittently reducing visibilities to <1/2 mile (sustained winds/gusts 25-34 mph).	8 to 36 hours
	Ice Storm Warning	Heavy ice accumulations of 1/4 inch or greater within 12 hours due to freezing rain are imminent or occurring.	8 to 36 hours
	Extreme Cold Warning	Very cold air temperatures and brisk wind causing dangerously cold wind chills of -30F or lower are imminent or occurring.	8 to 36 hours
	Snow Squall Warning	Intense, but limited in duration, periods of moderate to heavy snowfall, accompanied by gusty winds resulted in reduced visibilities and whiteout conditions. Rapidly falling temperatures in conjunction with the snow can cause dangerous impacts to surface transportation.	30-60 minutes
Advisory	Winter Weather Advisory	Snow and/or sleet and ice accumulations causing an inconvenience to society and commerce are imminent or occurring. 3 to 6 inches of snow with sustained winds/frequent gusts less than 25 mph. Lower amounts if falling at impactful time of day (rush hour). Sleet accumulations of less than 2 inches. Blowing snow intermittently reducing visibilities to 1/2 mile or less (sustained winds/gusts <25mph).	8 to 24 hours
	Cold Weather Advisory	Cold temperatures and brisk winds causing hazardous wind chills of -20 to -29F are imminent or occurring.	8 to 24 hours