

# WFO Green Bay Advisories and Warnings

4/1/09

CONVECTIVE & HYDRO EVENTS - PRODUCT	THRESHOLDS
<b>SEVERE THUNDERSTORM WARNING - SVR</b>	Winds 50+ kts (58 mph or implied by damage), and/or hail 1+ inch
<b>TORNADO WARNING - TOR</b>	Tornado occurring or developing
SEVERE WEATHER STATEMENT - SVS	Updates to severe thunderstorm and tornado warnings
<b>FLASH FLOOD WARNING - FFW</b>	Flooding that produces life/property threat in 0-6 hrs
FLASH FLOOD STATEMENT - FFS	Updates to flash flood warnings
<b>FLOOD WARNING - FLW</b>	Flooding that lasts 6 hrs or more; flooding that affects mainstem rivers; usu. a threat to property
URBAN/SMALL STREAM FLOOD ADVY- FLS	Inconvenience flooding in 0-24 hrs
SPECIAL WEATHER STATEMENT - SPS	A weather message that describes thunderstorms that contain wind gusts over 40 mph, hail less than one inch in diameter or other storm hazards. Sometimes called a "Significant Weather Advisory"
MARINE EVENTS - PRODUCT	THRESHOLDS
<b>SPECIAL MARINE WARNING - SMW</b>	Winds (convective or non-conv) 34 kts for 2 hrs or less
<b>GALE WARNING - NSH</b>	Sustained winds 34 to 47 kts or freq gusts 38 to 47 kts
<b>STORM WARNING - NSH</b>	Sustained winds 48 to 64 kts or freq gusts 50 to 64 kts
<b>HURRICANE FORCE WIND WARNING - NSH</b>	Sustained winds 65+ kts
<b>LAKESHORE WARNING - CFW</b>	Significant lakeshore flooding, erosion, ice jam, or seiche
SMALL CRAFT ADVISORY - NSH	Winds 22-33 kts and/or waves > 4 ft
COLD-SEASON EVENTS - PRODUCT	THRESHOLDS
<b>WINTER STORM WARNING - WSW</b>	<ul style="list-style-type: none"> <li>☞ Heavy snow: Heavy snow with winds usually &lt; 25 mph and little/no blowing snow</li> <li>☞ Heavy mix: A combo of 2 or more of the following: heavy snow, sleet, freezing rain/drzl</li> <li>☞ Snow/blowing: Snow accums of 6 inches within 12 hrs, or 8 inches within 24 hrs, with winds 25+ mph, producing significant blowing snow</li> <li>☞ Forecaster Discretion: Winter Storm Warn for lesser amts in shorter time pd w/ blwg snow</li> <li>☞ Heavy sleet: Sleet accums of 3/4+ inch in 12 hours or less</li> </ul>
<b>LAKE EFFECT SNOW WARNING - WSW</b>	Heavy lake effect snow of 6 inches in 12 hrs or 8 inches in 24 hrs
<b>BLIZZARD WARNING - WSW</b>	Sustained winds or freq gusts 35+ mph and falling/blowing snow with vsby < 1/4 mile for 3 hrs (only blowing snow needed for ground blizzard)
<b>ICE STORM WARNING - WSW</b>	Ice accum over 1/4 inch in 12 hours or less
<b>WIND CHILL WARNING - WSW</b>	Wind chills 35 below or colder
WINTER WEATHER ADVISORY - WSW	<ul style="list-style-type: none"> <li>☞ Snow: Accum (avg) 3 inches or more within 12 hrs &amp; winds usually &lt; 25 mph</li> <li>☞ Mix: Mix of snow, sleet, freezing rain/drizzle</li> <li>☞ Sleet: Sleet accums 1/2 to 3/4 inch in 12 hours or less</li> <li>☞ Snow &amp; blowing snow: Wind driven snow (accum ~2-4 in), blowing snow, intermittent vsbys &lt; 1/2 mile</li> <li>☞ Blowing snow: Blowing snow reducing vsbys to &lt; 1/2 mile &amp; winds 25+ mph</li> </ul>
LAKE EFFECT SNOW ADVISORY - WSW	Lake effect snow accums (avg) 3 inches or more within 12 hrs
FREEZING RAIN ADVISORY - WSW	Light freezing rain or freezing drizzle with ice accum < 1/4 inch in 12 hr or less
WIND CHILL ADVISORY - WSW	Wind chills 20 to 34 below
SPECIAL WEATHER STATEMENT - SPS	A weather message that describes winter weather events that don't reach the threshold of a warning or advisory but could still be hazardous if caution is not used; also issued to provide updates on an ongoing significant weather event

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NON-PRECIP EVENTS - PRODUCT	THRESHOLDS
<b>HIGH WIND WARNING - NPW</b>	Sustained winds 40+ mph (35 kts) for 1 hr or more, or any gust 58+ mph (50 kts)
<b>EXCESSIVE HEAT WARNING - NPW</b>	For any 48 hr period: HI 105 or more and nighttime HI 75 or more; or 4+ consecutive days of Advisory criteria.
AIR QUALITY WATCH/ADVISORY - AQA	Major buildup of air pollution/particulate due to stable atmos. conditions (initiated by Wisc. DNR)
HEAT ADVISORY - NPW	HI 100 or more (If 4+ consecutive days, then issue Warning)
WIND ADVISORY - NPW	Sustained winds 30+ mph (26 kts) for 1 hr or more, or any gust 45+ mph (39 kts)
DENSE FOG ADVISORY - NPW	Widespread vsby 1/4 mile or less for 3 hours or more
DENSE SMOKE ADVISORY - NPW	Smoke producing widespread or localized vsby 1/4 mile or less
BLOWING DUST ADVISORY - NPW	Widespread/localized vsbys less than 1 mile for 3 hrs or more with sustained winds 25 mph
FREEZING FOG ADVISORY - NPW	Fog, usually with vsby 1/2 mile or less, freezing on cold objects with deposits resulting in impact to commerce, transportation, people, etc.
FROST ADVISORY - NPW	During growing season, widespread frost (temps usually 32-37°F)
FREEZE WARNING - NPW	During growing season, widespread temps around 30°F or less (usually for more than an hour)
RED FLAG WARNING – RFW	Winds 15+ mph (20 ft level on NFDR sites), RH 25% or lower, temps 75+°F, and critically dry fuels combine to produce extreme fire danger and/or fire behavior
SPECIAL WEATHER STATEMENT - SPS	A weather message that describes weather events that don't reach the threshold of a warning or advisory but could still be hazardous if caution is not used; also issued to provide updates on an ongoing significant weather event