



EMERGENCY PREPAREDNESS

SEVERE WEATHER HAZARDS



Chief Gordon Young
April 11, 2017

Severe Weather Awareness



April 17-21, 2017

State-wide Special Tornado Drill – Thursday, April 20th

- **1:45 p.m.** School Districts should be conducting tornado or shelter-from-the-storm drills
- **6:45 p.m.** Families and 2nd shift workers to also practice

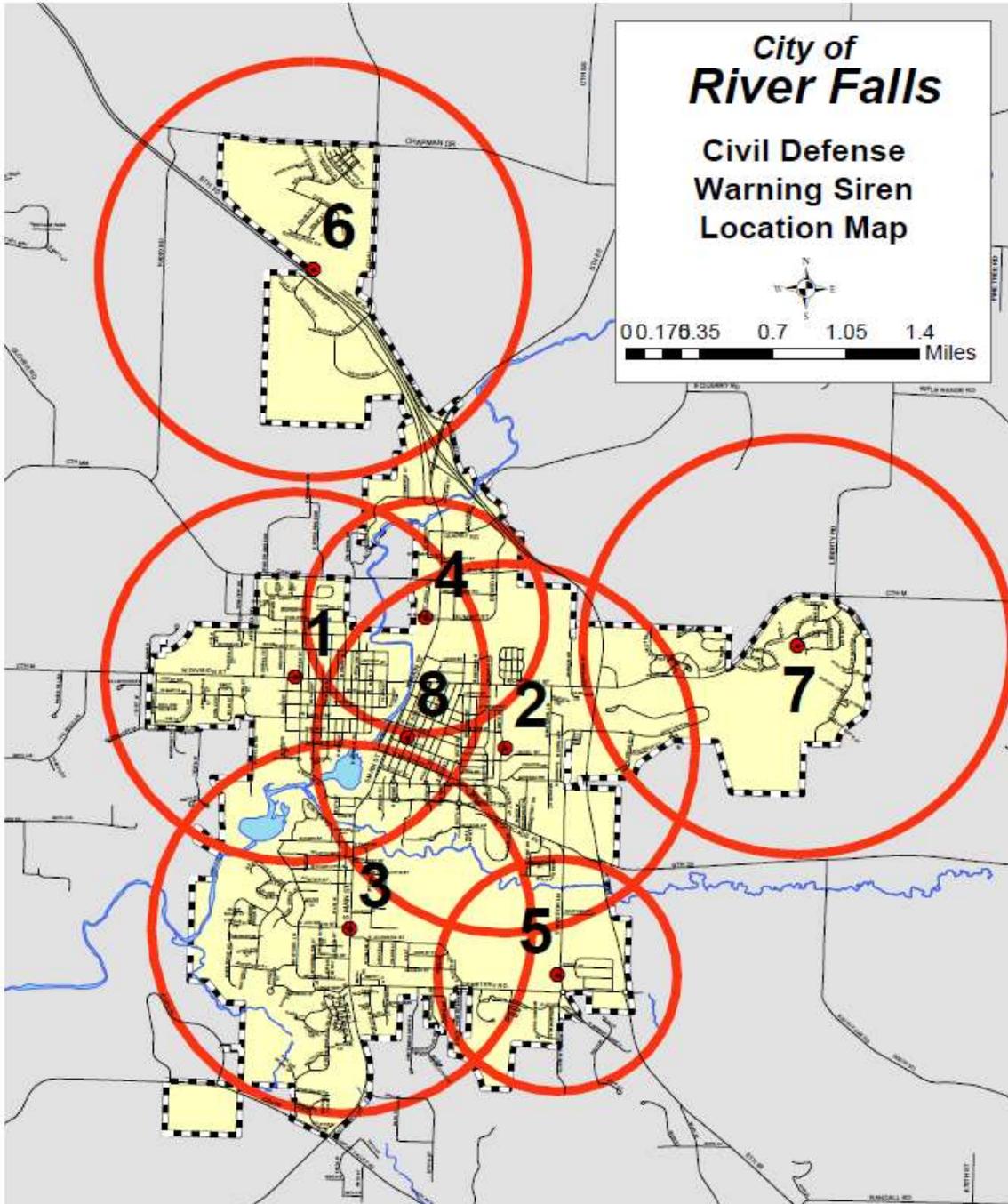


2017 Emergency Weather Warning Siren Test Dates



- Thursday, April 20th at 1:45 p.m./6:55 p.m.
- Monday, May 22nd at 1:00 p.m.
- Monday, June 26th at 1:00 p.m.
- Monday, July 24th at 1:00 p.m.
- Monday, August 28th at 1:00 p.m.
- Monday, September 25th at 1:00 p.m.





When are sirens activated?

- Immediate danger of tornado or severe thunderstorm with dangerous winds of 70 mph or above.
- Storm conditions exist and public sightings of a tornado are reported locally.

Types of Hazards

Natural

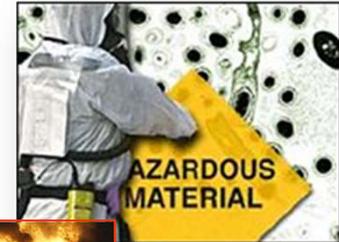
- Tornadoes and Severe Storms
- Severe Winter Weather
- Flooding

Human-Caused or Technological

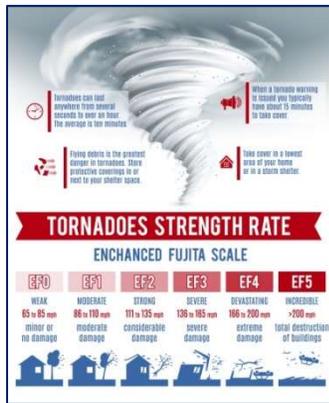
- Fire (Structure; Wildland or Brush)
- Hazardous Materials (Fixed Site, Transportation, Gas Leak)
- Nuclear Power Plant Accident
- Airplane Crash
- Terrorism



Mold & Mildew
Cleaning Up Your
Flood-Damaged Home



Tornado Information



Tornado Safety

- Always pay attention and be prepared during Severe Thunderstorm Warnings or Tornado Watches.
- Always take Tornado Warnings serious and take immediate action to protect yourself and others.
- If outside, go inside and seek best available shelter.
- Basement or lowest interior room, away from windows.
- Most tornadoes occur in the afternoon or evening during spring and summer, but may occur anytime.
- Avoid down power lines.
- Avoid flooded roadways.



Hoffman Park Storm Shelter



- 360 occupants
- 24/7/365 Access

Tornado Winds & Damage

EF Scale

Levels of the Enhanced Fujita scale
Grade, damage and windspeeds

	<p>Damage: Incredible</p> <p>EF5</p> <p>Windspeeds: Greater than 322km/h (200mph)</p>	↑
	<p>Damage: Devastating</p> <p>EF4</p> <p>Windspeeds: 267-322km/h (166-200mph)</p>	
	<p>Damage: Severe</p> <p>EF3</p> <p>Windspeeds: 218-266km/h (136-165mph)</p>	
	<p>Damage: Considerable</p> <p>EF2</p> <p>Windspeeds: 178-217km/h (111-135mph)</p>	
	<p>Damage: Moderate</p> <p>EF1</p> <p>Windspeeds: 138-177km/h (86-110 mph)</p>	
	<p>Damage: Light</p> <p>EF0</p> <p>Windspeeds: 105-137km/h (65-85mph)</p>	

Source: Fema

EF Rating	Wind Speeds	Expected Damage
EF-0	65-85 mph	'Minor' damage: shingles blown off or parts of a roof peeled off, damage to gutters/siding, branches broken off trees, shallow rooted trees toppled.
EF-1	86-110 mph	'Moderate' damage: more significant roof damage, windows broken, exterior doors damaged or lost, mobile homes overturned or badly damaged.
EF-2	111-135 mph	'Considerable' damage: roofs torn off well constructed homes, homes shifted off their foundation, mobile homes completely destroyed, large trees snapped or uprooted, cars can be tossed.
EF-3	136-165 mph	'Severe' damage: entire stories of well constructed homes destroyed, significant damage done to large buildings, homes with weak foundations can be blown away, trees begin to lose their bark.
EF-4	166-200 mph	'Extreme' damage: Well constructed homes are leveled, cars are thrown significant distances, top story exterior walls of masonry buildings would likely collapse.
EF-5	> 200 mph	'Massive/incredible' damage: Well constructed homes are swept away, steel-reinforced concrete structures are critically damaged, high-rise buildings sustain severe structural damage, trees are usually completely debarked, stripped of branches and snapped.



SKYWARN

Ham Radio Operators:

Please note that Metro Skywarn does not cover the Western Wisconsin counties. This class will NOT certify you for Metro Skywarn operations. **ALL HAM RADIO OPERATORS MUST HAVE A ST. CROIX/PIERCE SKYWARN NUMBER.** If you have questions please contact ARES for more information at (715)410-2626 or coordinator@stcroixaresraces.org

STORM SPOTTING CLASS

FREE Skywarn storm spotter classes

Become certified as a National Weather Service Skywarn Storm Spotter!! This free class is open to the public, ham radio operators, police, fire, EMS, dispatchers or hospital staff. Learn how to recognize when a thunderstorm is severe, when funnels and then tornadoes are developing. A great introduction to the basics of severe weather for anyone interested in weather.

Due to limited room capacity walk-ins are limited. **Registration** preferred.

www.stcroixaresraces.org/skywarn

Same weather related material presented at all classes

Monday, April 17, 2017 6:00 PM—9:00 PM	D203 Training Room Lower Level St. Croix County Government Center 1101 Carmichael Road, Hudson
Thursday, April 20, 2017 6:00 PM—9:00 PM	St. Croix County Service Center 1752 Dorset Lane New Richmond, WI 54017
Saturday, April 22, 2017 9:00 AM—12:00 PM	Agriculture Education Service & Education Center 1960 8th Avenue, Baldwin, WI 54002

Call (715)381-4911 or email Natasha.cardinal@co.saint-croix.wi.us with questions

**Presented by the National Weather Service, St. Croix County Emergency Management
and St. Croix County ARES/RACES**

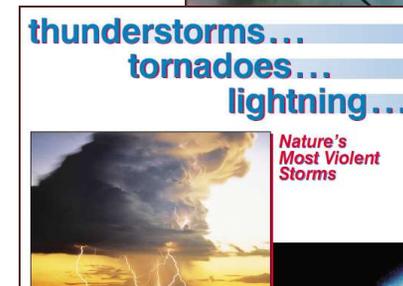
Emergency Preparedness

■ Build a Kit

- Three day supply of food and water
- Battery-operated radio
- Flashlight
- First Aid kit
- Personal medications and hygiene items
- Important Family Papers

■ Make a Plan

- Choose a contact person
- Choose a meeting point in case you're separated
- Know evacuation routes from home
- Get First Aid/CPR Training
 - AllinaHealth.org



Emergency/Disaster Supplies

www.ready.gov

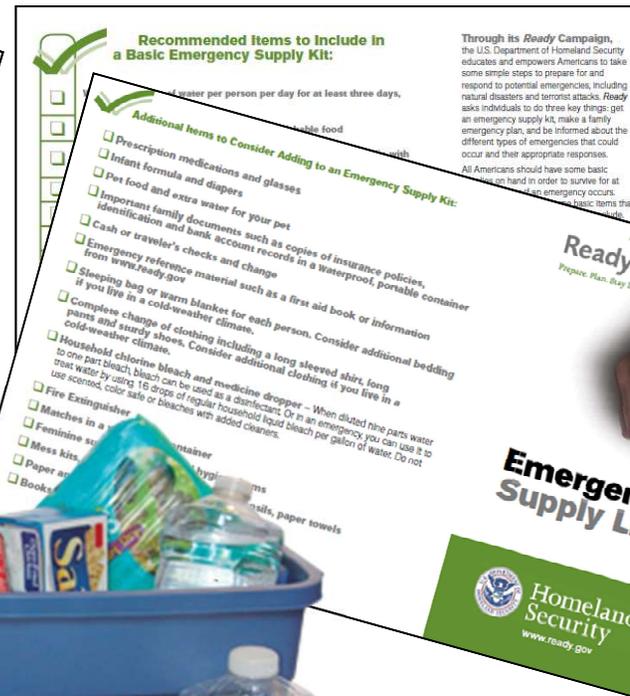
Recommended Supplies to Include in a Basic Kit:

- Water** one gallon per person per day for drinking and sanitation
- Food** at least a three-day supply of non-perishable food
- Battery-powered radio and extra batteries**
- Flashlight and extra batteries**
- First Aid kit**
- Whistle** to signal for help
- Filter mask** or cotton t-shirt, to help filter the air
- Moist towelettes** for sanitation
- Wrench or pliers** to turn off utilities
- Manual can opener** for food (if kit contains canned food)
- Plastic sheeting and duct tape** to shelter-in-place
- Garbage bags and plastic ties** for personal sanitation
- Unique family needs**, such as daily prescription medications, infant formula or diapers, and important family documents



Prepare for Emergencies Now: Information to Get Ready.

FEMA
www.ready.gov

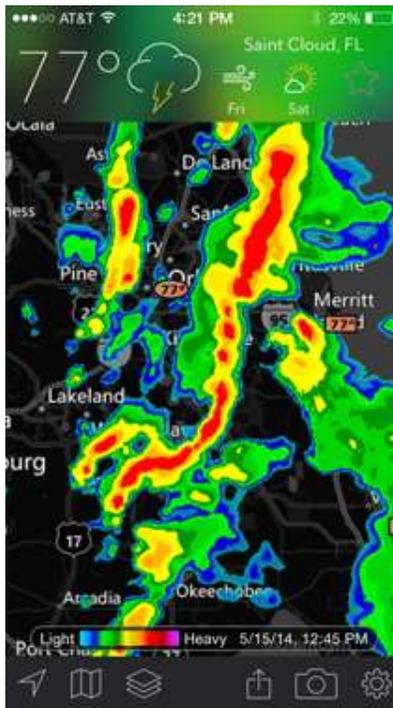


Weather Resources

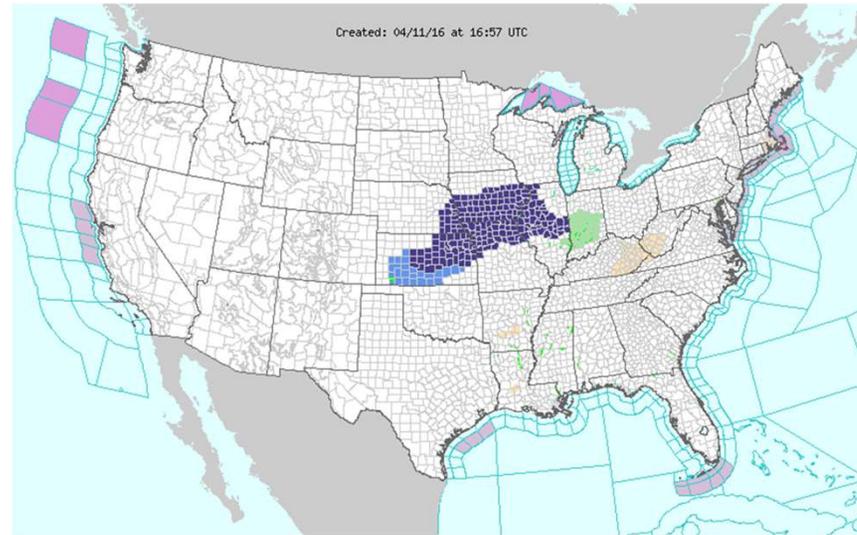
National Weather Service

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

MyRadar



- © Hi-Def Radar
- © Weather Forecasts
- © Weather Alerts
- © Storm Tracking



Mass Notification System

Thank You



For questions or assistance, please contact the River Falls Police Department at **715-425-0909** or stop in at 125 East Elm Street.

