
OFFICE OF HOMELAND SECURITY & EMERGENCY PREPAREDNESS
POLICE JURY
PARISH OF BOSSIER
LOUISIANA

OHSEP Offices
BOHSEP Operations

- The office started out as civil defense in 1953.

- Decades later, the **Louisiana Disaster Act of 1993** authorized the Caddo Bossier Office of Homeland Security & Emergency Preparedness ***Executive Council*** as the primary responsible party for meeting the dangers posed by disasters.

- After September 11, 2001 a presidential order prompted the **office** to change their name to the Caddo-Bossier Office of Homeland Security and Emergency Preparedness.

OHSEP Offices
BOHSEP Organization - Operations

- Organization
  - Split July 2014 – Executive Council
  - Police Jury Administrator / BC Mayor / Sheriff of Parish

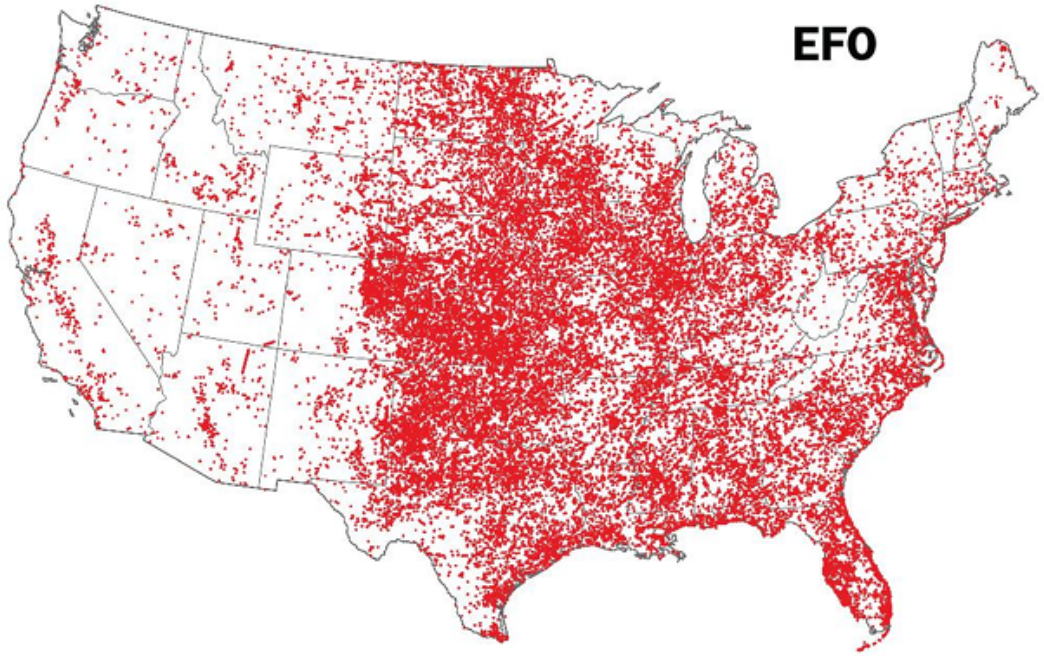
- Operations
  - Office coordinates with and are liaisons between parish government, agencies to the appropriate state and federal authorities.

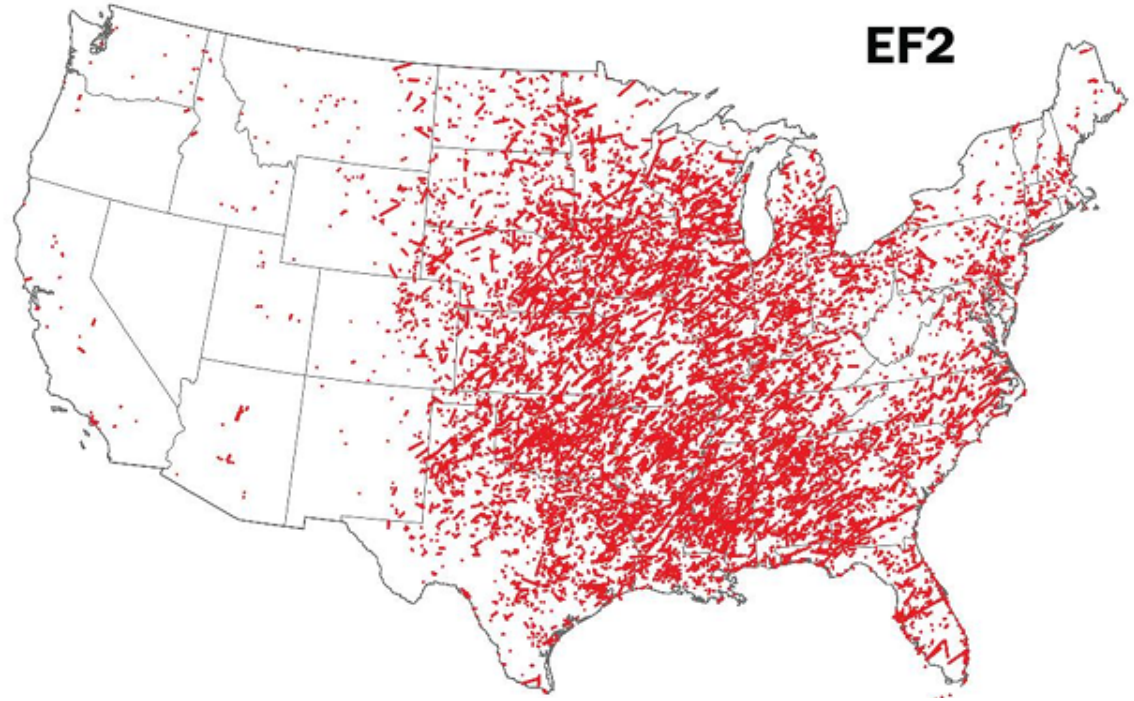
  - We assemble to correct entities for the **UCG** - **Unified Command Group** for the response.

Tornado Threat

- Tornadoes do not only occur in central, south and southeast United States but generally occur throughout the region east of the Continental Divide, particularly the lower intensity EF0, EF1, and EF2 tornadoes.

- Figure 2. Reported tornadoes in the contiguous United States by EF intensity, from 1950 through 2021. (Data source: NOAA/NWS Storm Prediction Center)


EF0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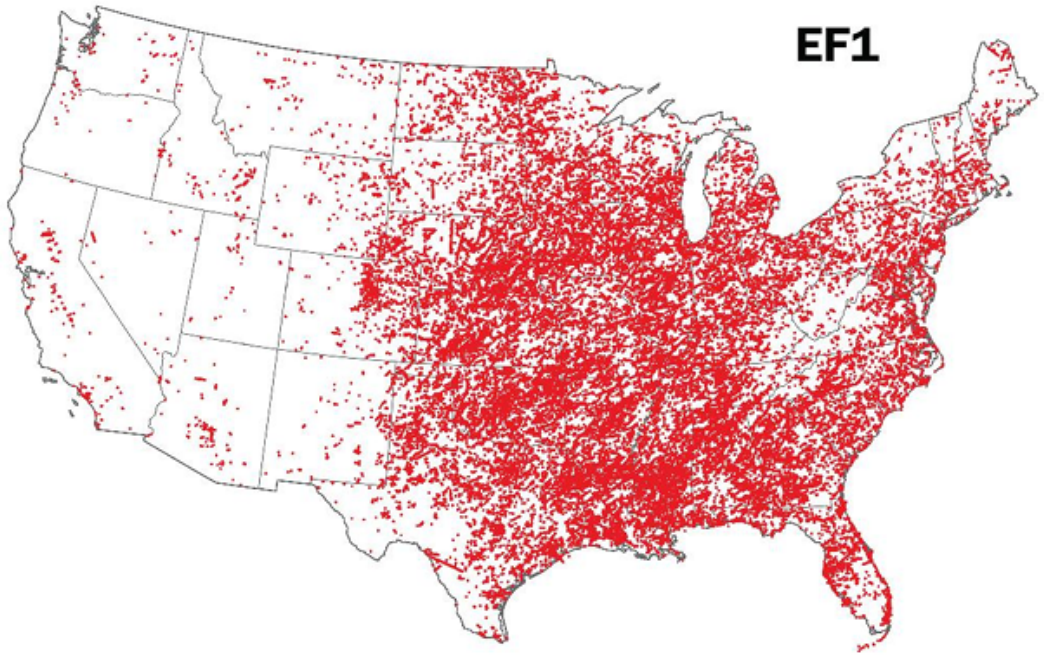
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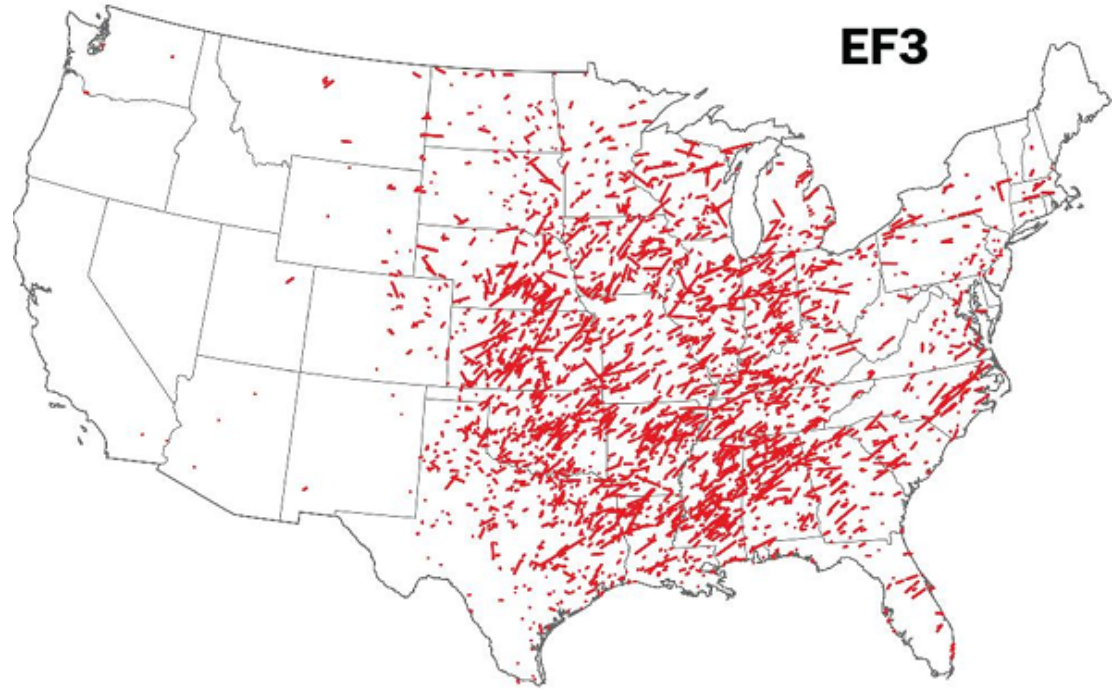
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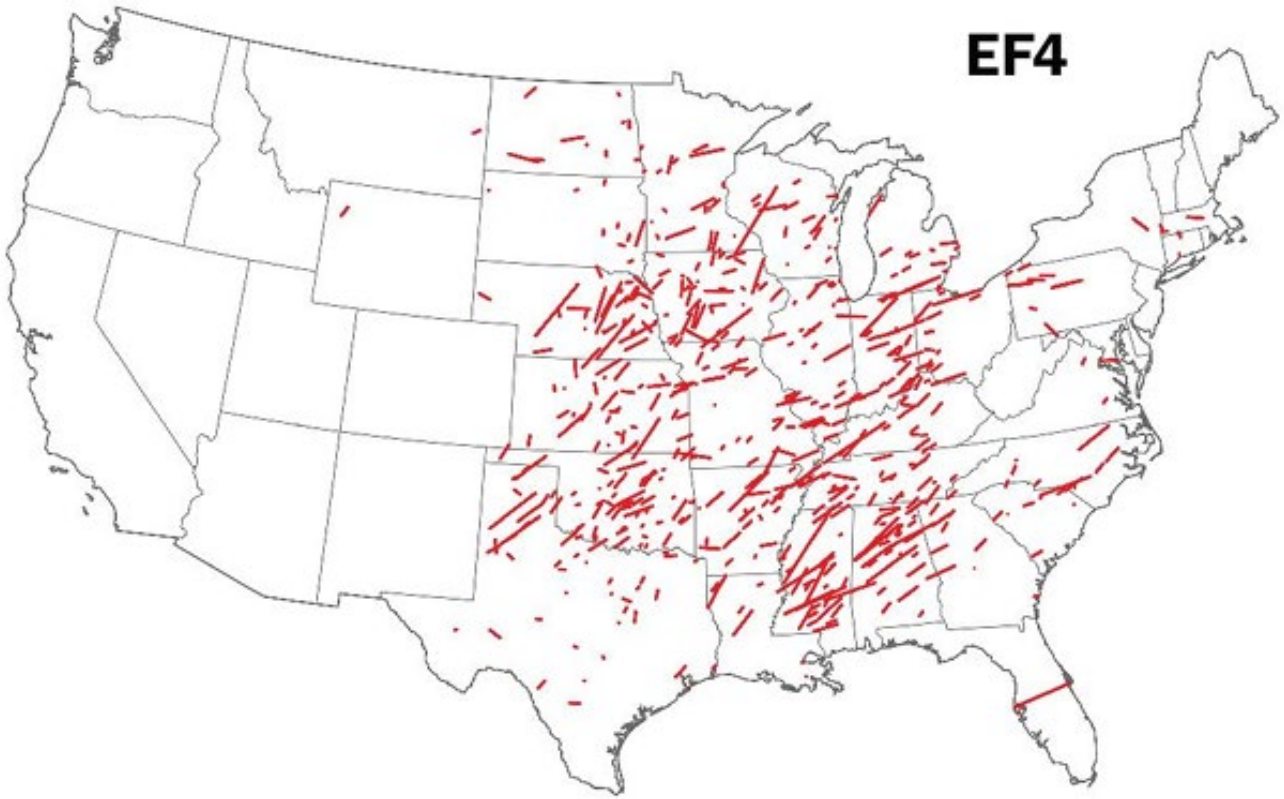
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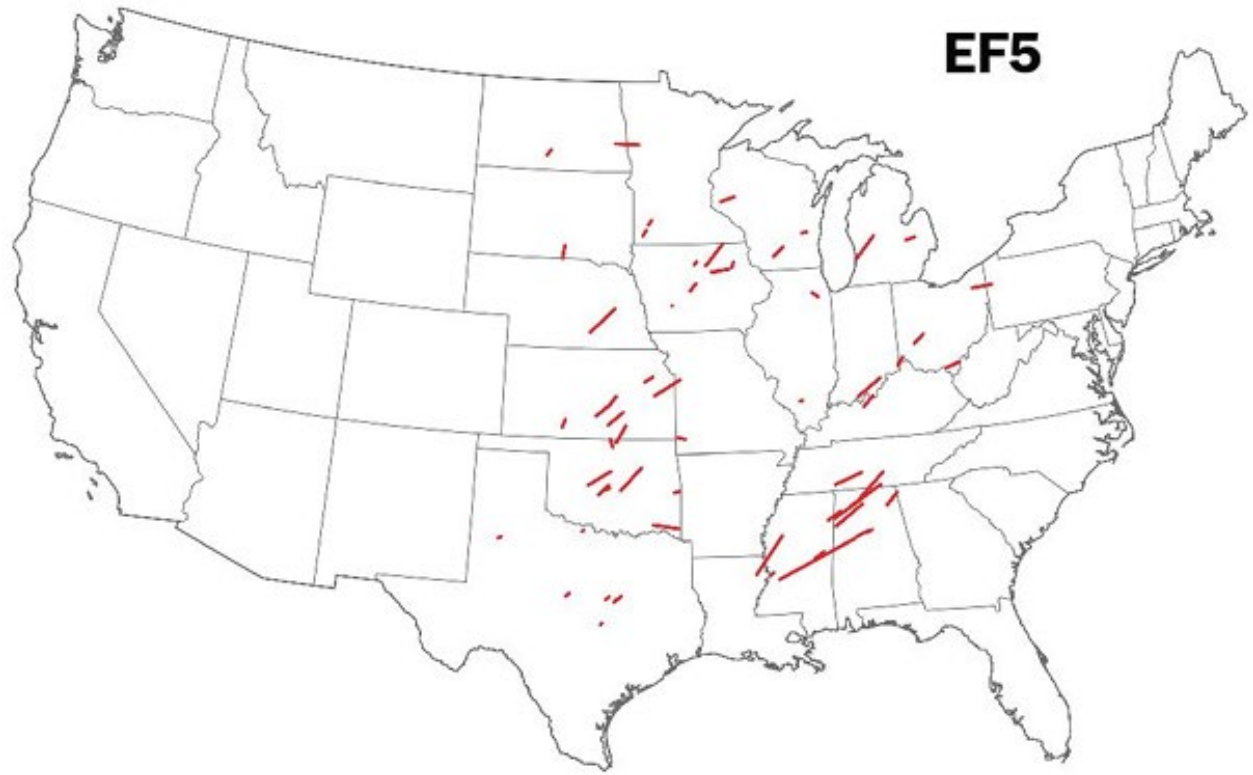
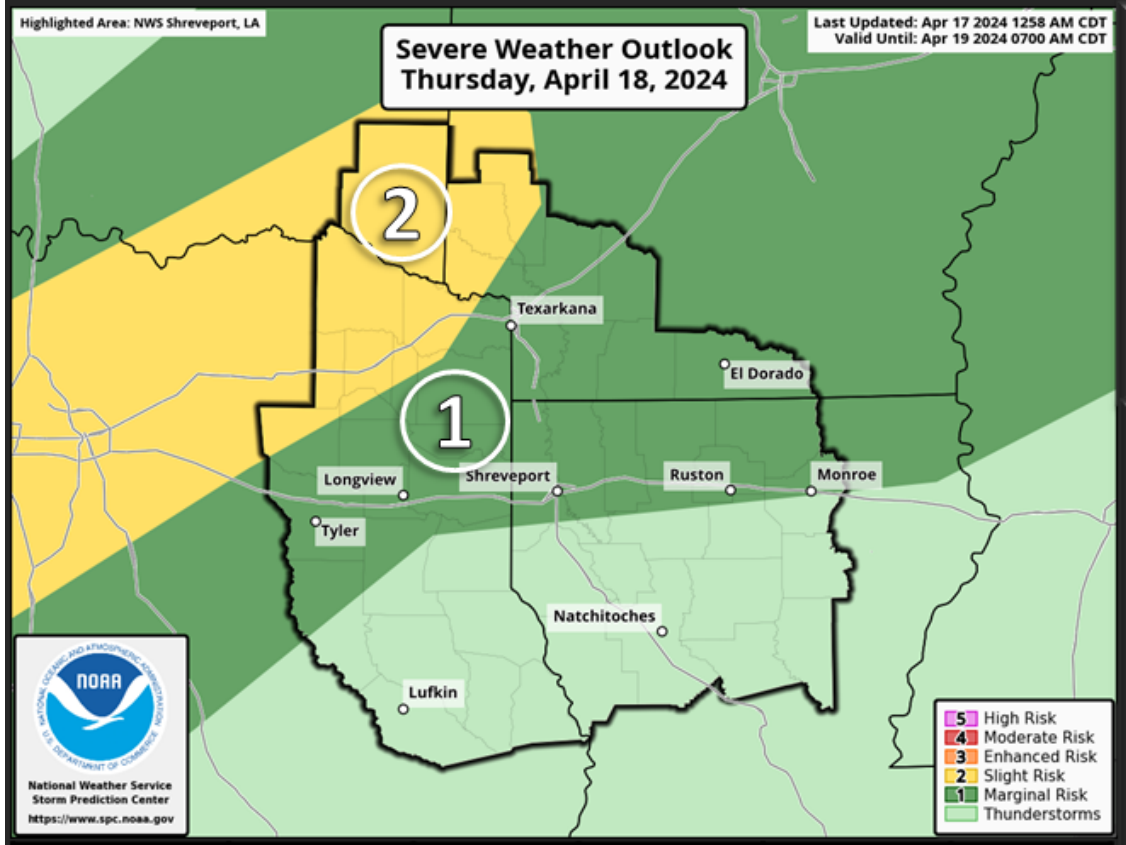

EF5

Severe Weather Risk: Thursday Afternoon into Thursday Evening

Weather Forecast Office
Shreveport, LA
Issued April 17, 2024 2:30 AM CDT



THUNDERSTORMS (no label)	1 – MARGINAL (MRGL)	2 – SLIGHT (SLGT)	3 – ENHANCED (ENH)	4 – MODERATE (MDT)	5 – HIGH (HIGH)
No severe thunderstorms expected	Isolated severe thunderstorms possible	Scattered severe storms possible	Numerous severe storms possible	Widespread severe storms likely	Widespread severe storms expected

Threat Level 2 of 5

KEY MESSAGES

WHAT... Severe thunderstorms are possible with damaging winds and large hail.

WHEN... Thursday afternoon into Thursday evening.

WHERE... Best chances across SE Oklahoma, and portions of NE Texas and SW Arkansas.

THREATS

	Minimal Threat → High Threat
Damaging Winds	
Tornadoes	
Large Hail	
Flooding Rain	

SAFETY

- Stay weather aware.
- Have multiple ways to receive warnings.
- Know where your safe place is in the event you need to take shelter.

NWSShreveport

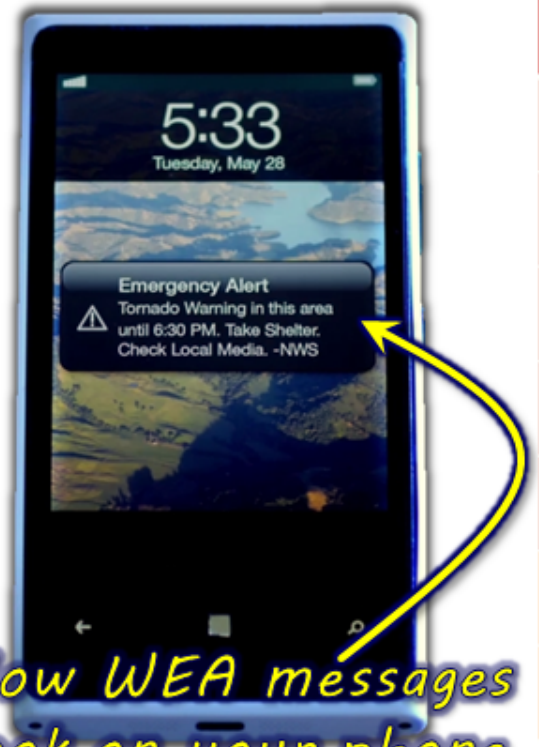
weather.gov/shv

Wireless Emergency Alerts

New phones alert you of WARNINGS in your area with a unique ring tone and vibration.

You are not charged for these text alerts & are automatically enrolled to receive them

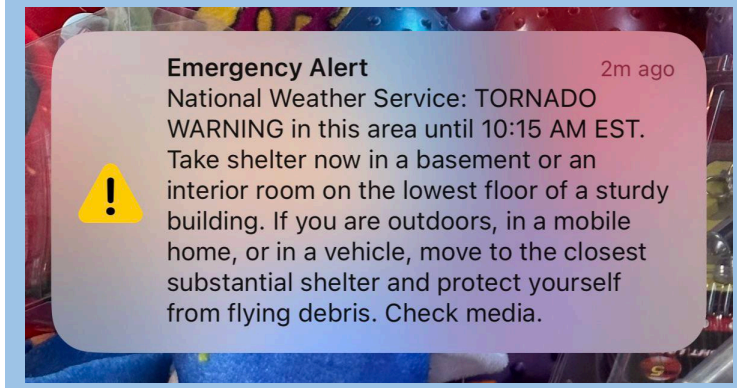
WIRELESS EMERGENCY ALERTS CAPABLE



How WEA messages look on your phone

Warning Type	WEA Message
Tsunami Warning	Tsunami danger on the coast. Go to high ground or move inland. Listen to local news. –NWS
Tornado Warning	Tornado Warning in this area til hh:mm tzT. Take shelter now. Check local media. –NWS
Extreme Wind Warning	Extreme Wind Warning this area til hh:mm tzT ddd. Take shelter. –NWS
Hurricane Warning	Hurricane Warning this area. Check local media and authorities. –NWS
Typhoon Warning	Typhoon Warning this area til hh:mm tzT ddd. Check local media and authorities. –NWS
Flash Flood Warning	Flash Flood Warning this area til hh:mm tzT. Avoid flooded areas. Check local media. –NWS
Dust Storm Warning	Dust Storm Warning in this area til hh:mm tzT ddd. Avoid travel. Check local media. –NWS

Extreme Alert
Severe Alert



NWSMobile

weather.gov/mob

Identifying Shelter Locations

- An underground area, such as a basement or storm cellar, provides the best protection from a tornado. If an underground shelter is unavailable, consider the following:
- **Seek a small interior room or hallway on the lowest floor possible**
- **Stay away from doors, windows, and outside walls**
- **Stay in the center of the room, and avoid corners because they attract debris**
- **Rooms constructed with reinforced concrete, brick or block with no windows and a heavy concrete floor or roof system overhead**
- ***Avoid* auditoriums, cafeterias and gymnasiums that have flat, wide-span roofs.**

If you're under a

TORNADO WARNING

SEEK SHELTER RIGHT AWAY

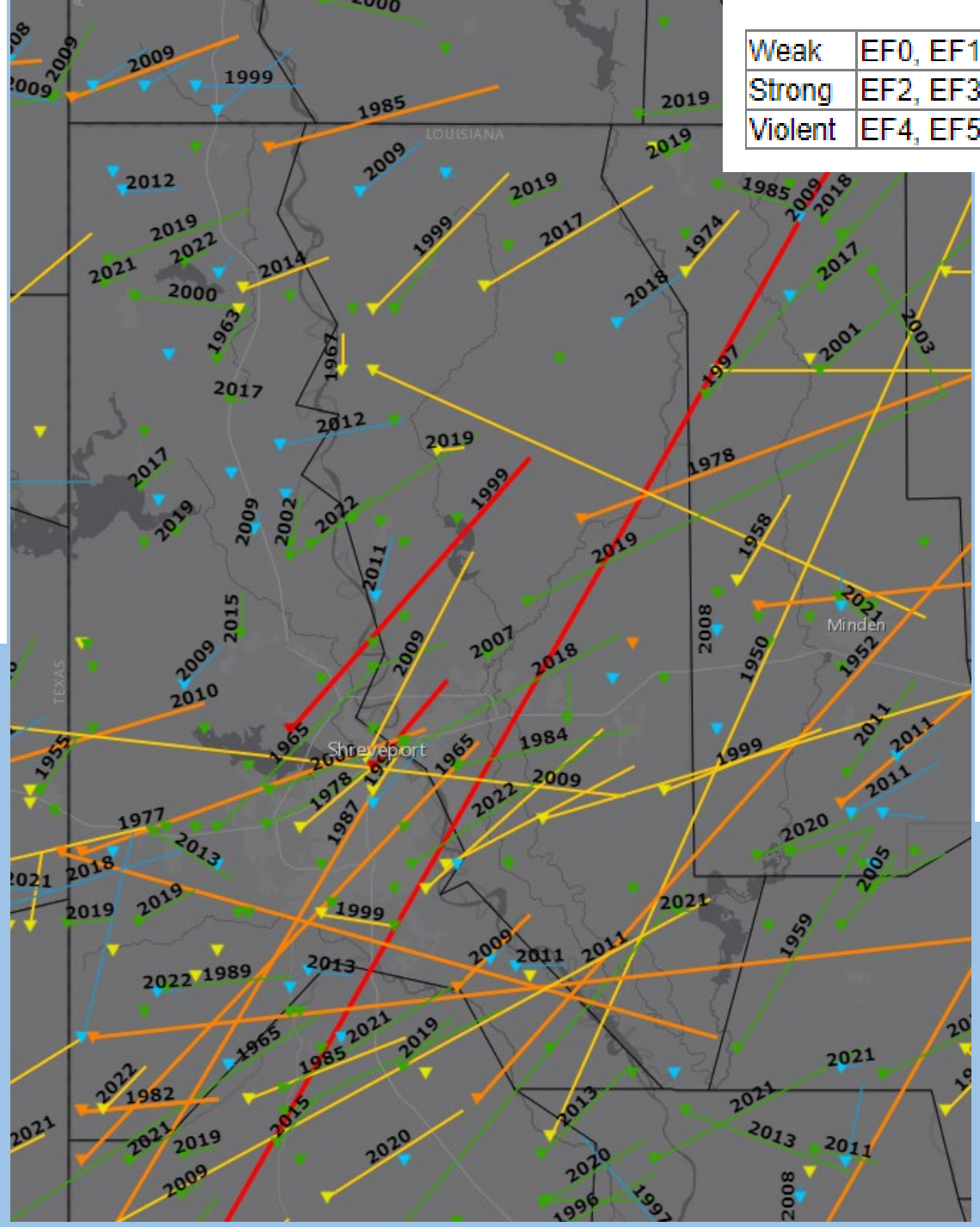
INDOORS	OUTDOORS
Get to a safe room, basement, or storm cellar.	If you can safely get to a sturdy building, do so immediately.
If there's no basement, get to a small, interior room on the lowest level.	If there's no nearby shelter, take cover in a stationary vehicle & buckle up.
Use your arms to protect your head and neck.	Do not get under an overpass or bridge. You're safer in a low, flat location.
Stay away from windows, doors, and outside walls.	Watch out for flying debris, which causes significant fatalities and injuries.

Ready. FEMA

- [x] F/EF U
- [x] F/EF 0
- [x] F/EF 1
- [x] F/EF 2
- [x] F/EF 3
- [x] F/EF 4
- [x] F/EF 5

Filter by Year Range:

1950 through 2022



Weak	EF0, EF1	Wind speeds of 65 to 110 mph
Strong	EF2, EF3	Wind speeds of 111 to 165 mph
Violent	EF4, EF5	Wind speeds of 166 to 200 mph or more

EF Number	3 Second Gust (mph)
0	65 to 85
1	86 to 110
2	111 to 135
3	136 to 165
4	166 to 200
5	Over 200

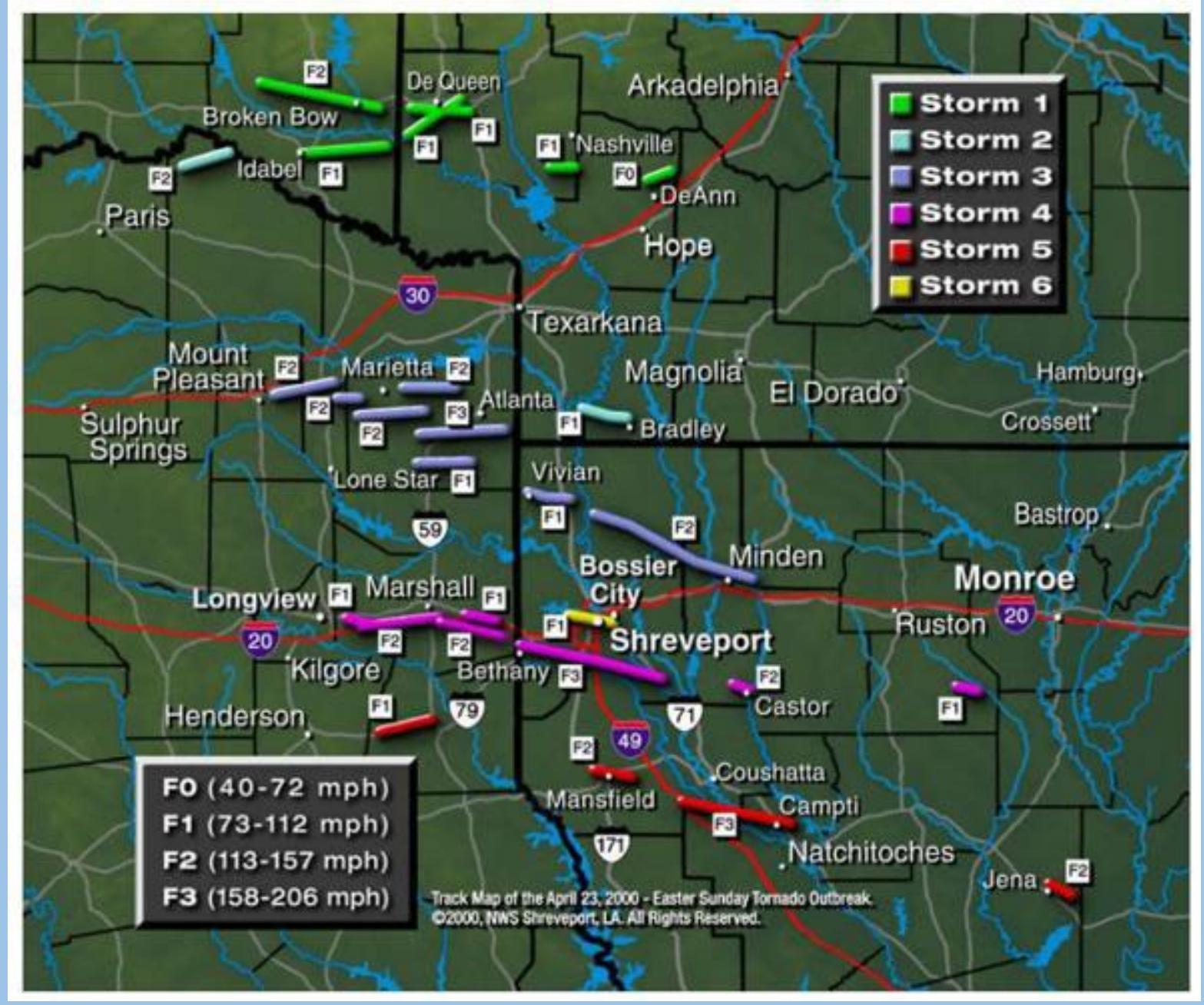
EF Rating	Wind Speeds	Expected Damage		
EF-0	65-85 mph	'Minor' damage: shingles blown off or parts of a roof peeled off, damage to gutters/siding, branches broken off trees, shallow rooted trees toppled.		
EF-1	86-110 mph	'Moderate' damage: more significant roof damage, windows broken, exterior doors 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.		

- Enhanced F-scale winds are derived from engineering guidelines but still are only judgmental estimates. Because:
  - Nobody knows the "true" wind speeds at ground level in most tornadoes, and
  - The amount of wind needed to do similar-looking damage can vary greatly, even from block to block or building to building.

Dallas Texas 2005 EF-2 Tornado


AMBULANC

Easter 2000


Storm 1
Storm 2
Storm 3
Storm 4
Storm 5
Storm 6
F0 (40-72 mph)
F1 (73-112 mph)
F2 (113-157 mph)
F3 (158-206 mph)
Broken Bow
De Queen
Arkadelphia
Idabel
Nashville
DeAnn
Paris
Hope
Texarkana
Mount Pleasant
Marietta
Magnolia
El Dorado
Hamburg
Atlanta
Crossett
Sulphur Springs
Bradley
Lone Star
Vivian
Bastrop
Minden
Bossier City
Monroe
Longview
Marshall
Ruston
Shreveport
Kilgore
Bethany
Castor
Henderson
Coushatta
Mansfield
Campti
Natchitoches
Jena
Track Map of the April 23, 2000 - Easter Sunday Tornado Outbreak.
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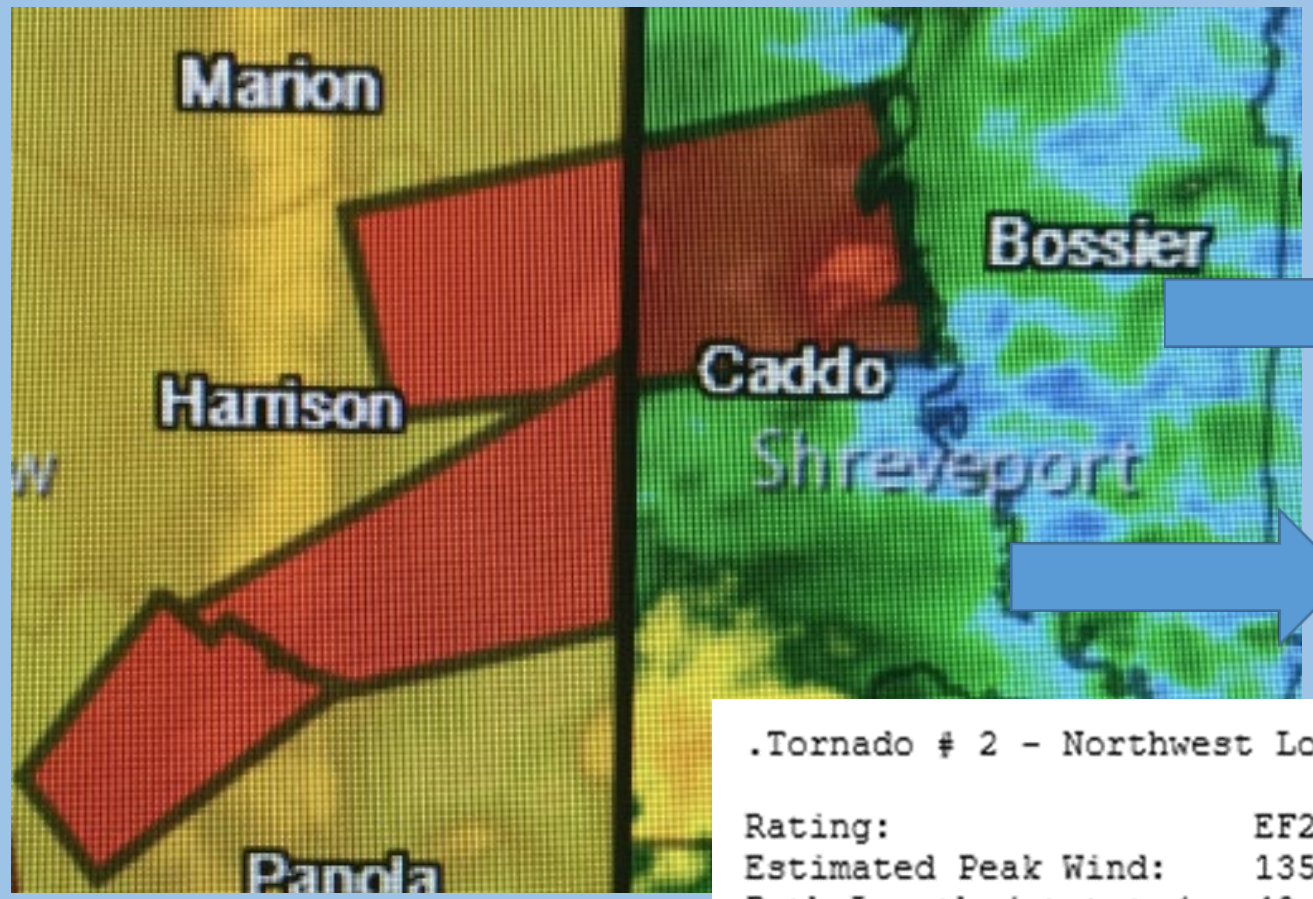
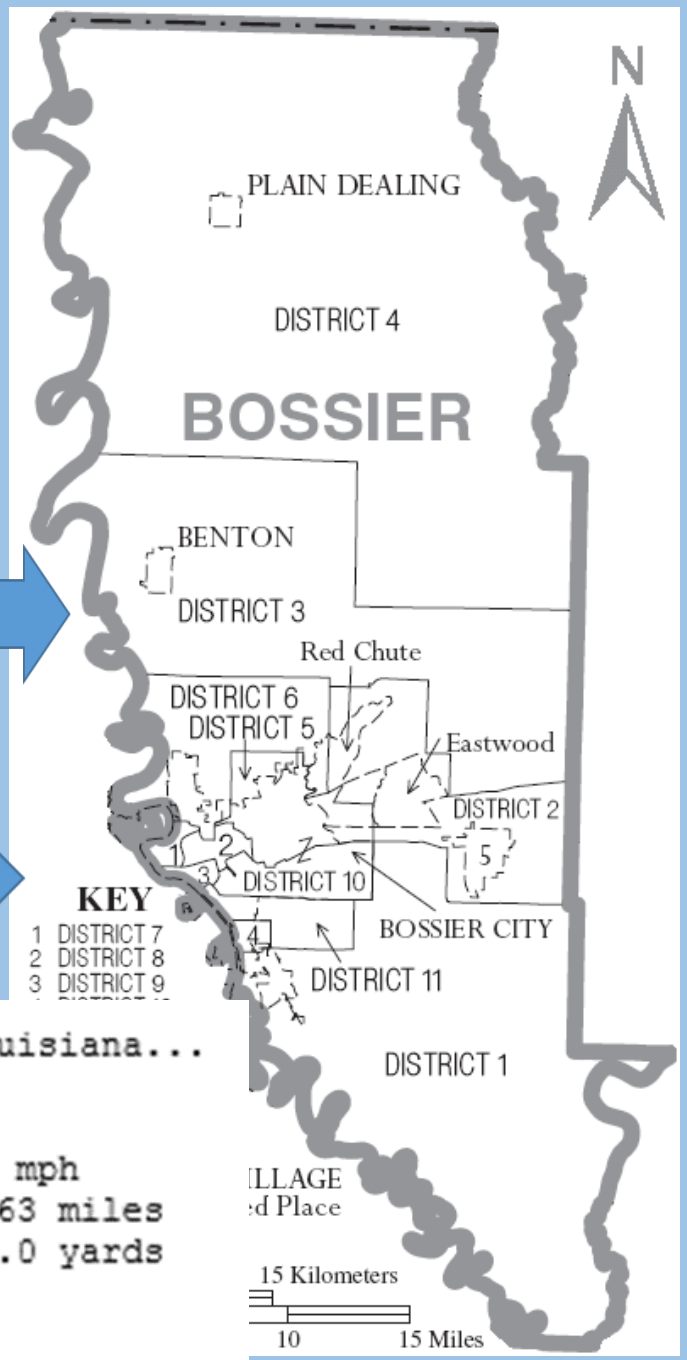
Jan 11 2020

Two Major Weather Impacts





.Tornado # 2 - Northwest Louisiana...

Rating:	EF2
Estimated Peak Wind:	135 mph
Path Length /statute/:	40.63 miles
Path Width /maximum/:	300.0 yards
Fatalities:	2
Injuries:	1

April 4 1999

Rubble and debris is all that is left of the Hay Meadow Mobile Home Estates in Bossier Parish, La. after a tornado hit north Louisiana April 4, 1999. *The Times*

Dec 3, 1978

Smashed and overturned cars litter the parking lot of a Bossier City apartment complex Sunday after a tornado ripped through the city. The twister killed two children, injured more than 200 others and caused an estimated $100 million damage. An estimated 1,500 people were left homeless. (UPI Photo)