

The Disaster Center is dedicated to the idea that disaster mitigation is cost effective and individuals pursuing their own interest are the greatest potential force for disaster reduction.

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When disaster mitigation is cost effective, we are on the road to bringing disasters to an end.



# FEMA

## **Daily Operations Briefing**

**Friday, May 24, 2019**

**8:30 a.m. EDT**

# Significant Activity – May 23-24



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## Significant Events:

- Tornado – Jefferson City, MO – FINAL
- Flooding – Central Plains

## Tropical Activity:

- Atlantic: No significant activity affecting U.S. interests
- Eastern Pacific: [Disturbance 1: Low \(20%\)](#)
- Central Pacific: No significant activity affecting U.S. interests
- Western Pacific: No significant activity affecting U.S. interests

## Significant Weather:

- Flooding - Central U.S.
- Elevated Fire Weather – NM and TX

**Declaration Activity:** None

**Hurricane Season begins in  
7 days**

# Tornado – Jefferson City, MO – FINAL



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## Situation:

Several tornadoes touched down in and around Jefferson City, MO causing significant damage in a concentrated area. The largest was an EF-3 with estimated peak winds of 160 mph in the southern portion of Jefferson City. This tornado was on the ground for over 19 miles and produced a swath 1,500 yards wide at points.

## Impacts:

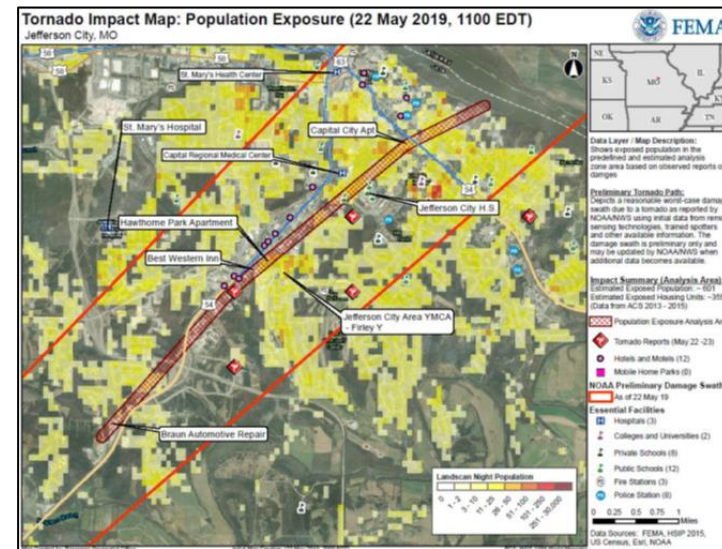
- Community lifelines are stable; impacts did not degrade response capacity
- Several structures damaged or destroyed: Mostly commercial buildings and Jefferson City High School
- Shelters open: 3 / 23
- Fatalities / Injuries: 3 / 10 (Golden City, MO: 3 / 1; Jefferson City, MO: 0 / 9)
- Minimal power outages

## State/Local Response:

- MO EOC: Full Activation
- MO Governor declared a State of Emergency for potential flooding March 21
- US&R: [MO-TF1 has deactivated as a state asset](#)

## FEMA Response:

- FEMA Region VII:
  - RWC is monitoring and reporting as warranted
  - 1 LNO deployed to MO EOC
- FEMA Headquarters:
  - FEMA NWC Steady State, monitoring 24/7



# Flooding – Central U.S.



FEMA

## Current Situation:

Two primary areas of concern: Ongoing river flooding due to excessive rainfall, and downstream impacts from USACE-managed, scheduled reservoir releases in areas that are already at-risk

## Impacts/Potential Impacts:

- The Keystone Dam releases (near Bixby, OK) expected to have minimal impacts on surrounding areas
  - Flooding may occur at river “pinch points” like Three Forks Harbor at Muskogee where the Arkansas, Verdigris and Grand Rivers coverage and at Van Buren, AR
  - Flood gauges show the river running at levels just below minor flood stage

## Transportation

- Unknown damage and inundation of many roadways across OK; unconfirmed reports of rail lines underwater
- MO: Multiple county and rural road closures, however, major roadways remain open. The Coast Guard has closed portions of the Mississippi and Illinois Rivers to all vessel traffic due to extremely high water levels and fast moving currents near St. Louis (St Louis).
- KS: Multiple roadways have been closed throughout the state. Most of the closures are central and eastern regions of the state

## Safety & Security

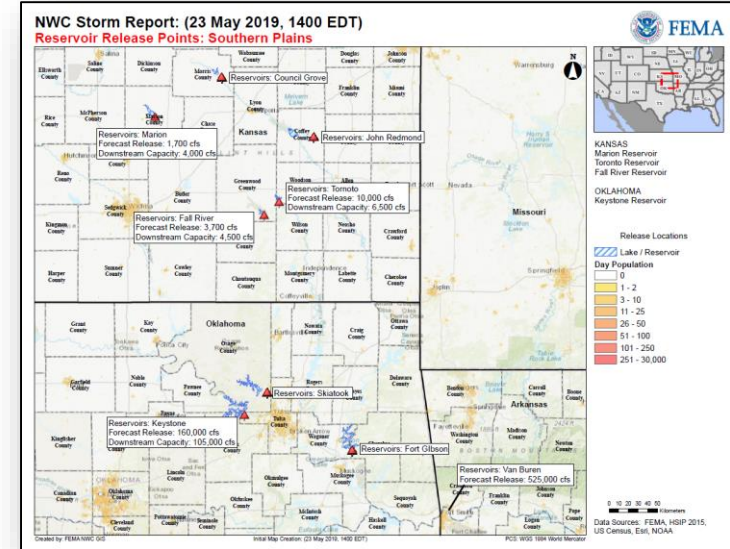
- Mandatory and voluntary evacuations for approx. 2k residents

## Food, Water & Sheltering

- 12 (-2) shelters are open with 126 occupants (*ESF-6 report as of 6:15 a.m. EDT*)
  - OK: 7 / 94 (-18); KS: 2 (-1) / 9 (-7); MO: 3 / 23

## Energy (Power and Fuel)

- Minimal customers without power in OK (*Eagle-I report as of 5:30 p.m. EDT*)



# Flooding – Central U.S.



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## Response:

### State/Local:

- State EOCs in KS and MO are fully activated
- OK and IL SEOCs are partially activated

### FEMA Regions

- FEMA Region V
  - Remains at Steady State; RWC Monitoring 24/7
- FEMA Region VI
  - RRCC activated to Level III, with ESF-3 and the DCE (day shift only)
  - IMAT-1 deployed to OK EOC; [DCE deactivated](#)
  - IMAT-2 remains deployed to Austin (already in place supporting DR-4416)
  - LNO remains deployed to Oklahoma EOC
  - [LA EOC activated to monitoring](#)
- FEMA Region VII
  - RRCC activated to Level III
  - LNO deployed to KS State EOC

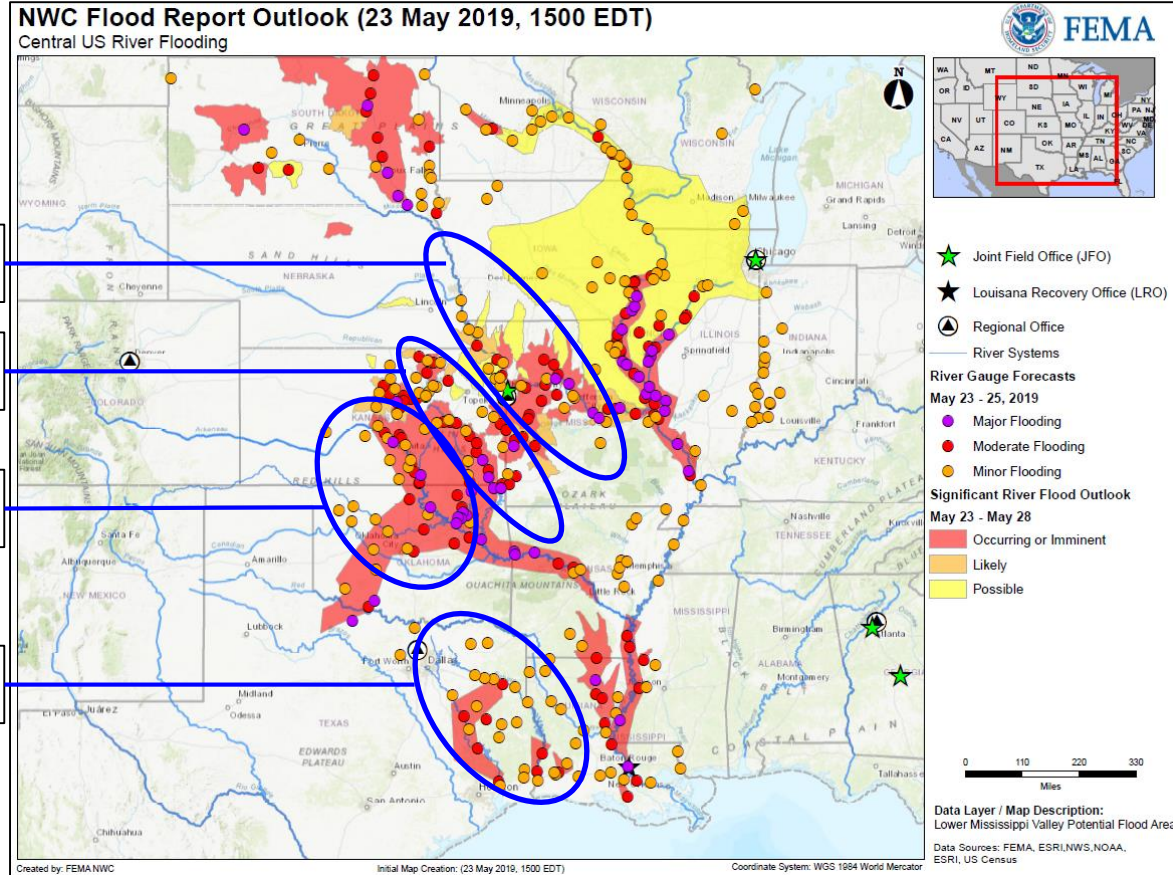
### FEMA Headquarters

- NWC Monitoring 24/7
- NRCC ROC rostered

# Flooding – Central U.S.



# FEMA



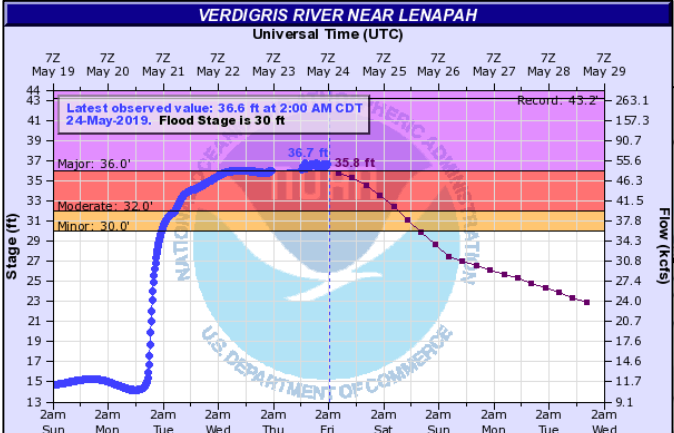
Verdigris River Basin

Neosho River Basin

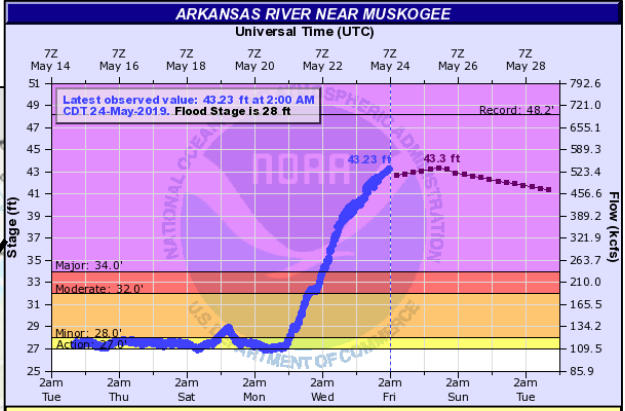
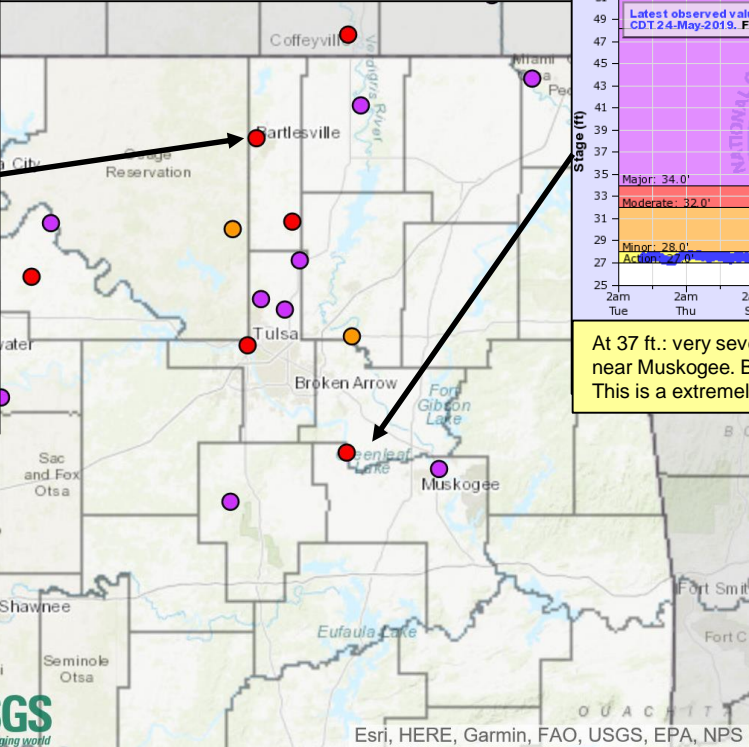
Arkansas River Basin

Trinity River Basin

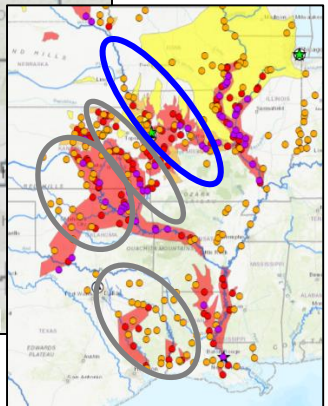
# Verdigris River Basin



At 42 ft.: Disastrous flooding occurs between the Kansas border and headwaters of Oologah Lake. Highway 10 east of Lenapah is under several feet of swift water. Highway 169 south of the Kansas border is closed. Highway 28 east of Delaware is closed. Extremely dangerous and life threatening situation



At 37 ft.: very severe flooding occurs along the Arkansas River near Muskogee. Buildings on the OG&E power plant are flooded. This is a extremely dangerous and life threatening situation

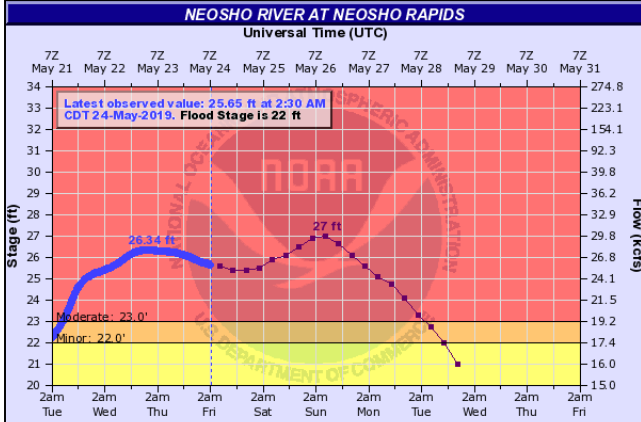




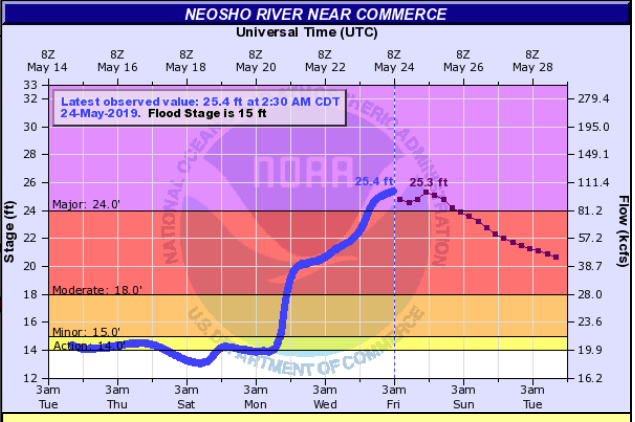
# Neosho River Basin



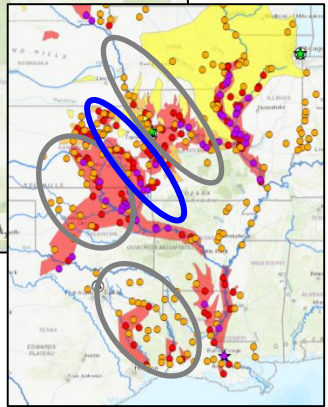
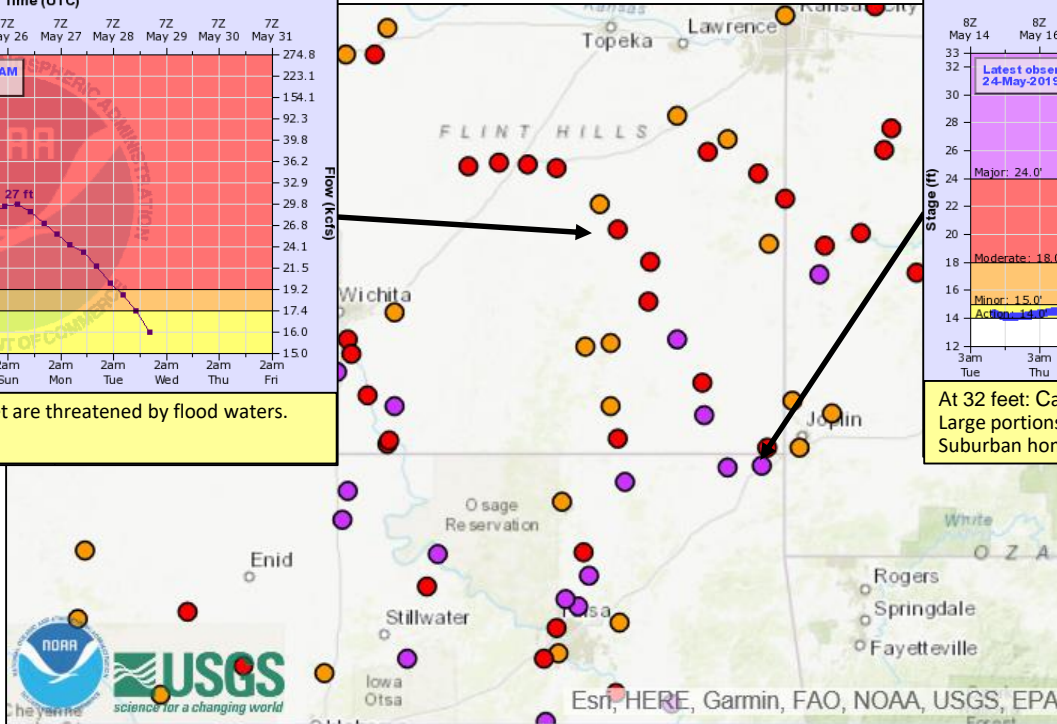
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At 37 feet: Homes on South Street are threatened by flood waters.



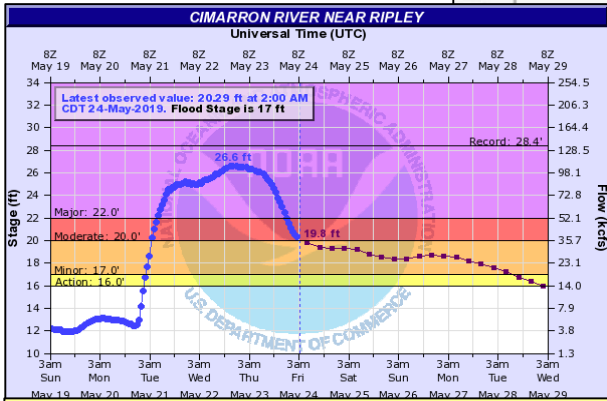
At 32 feet: Catastrophic flooding occurs along the Neosho River. Large portions of the City of Miami suffer damages from high water. Suburban homes and business south of Miami severely flooded



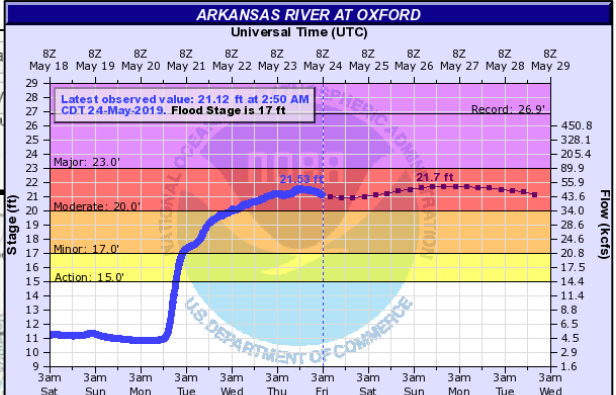
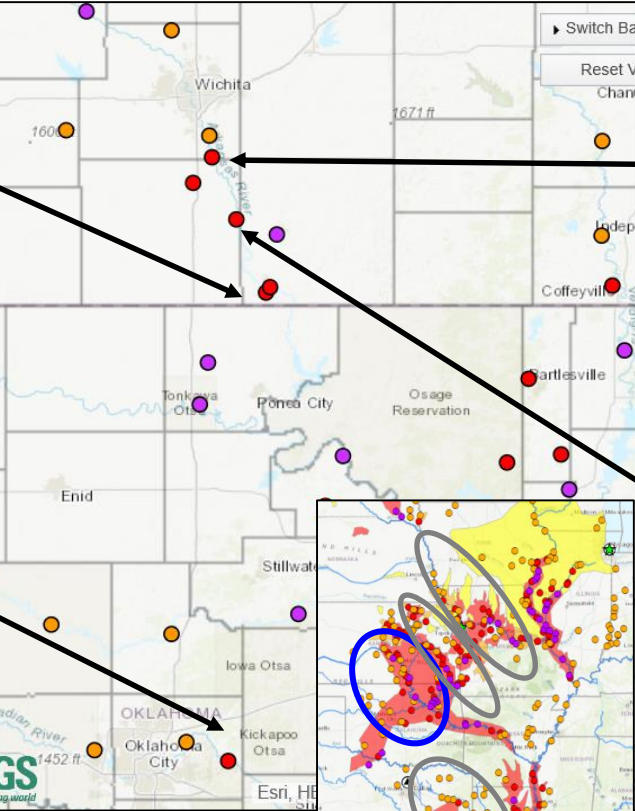
# Arkansas River Basin



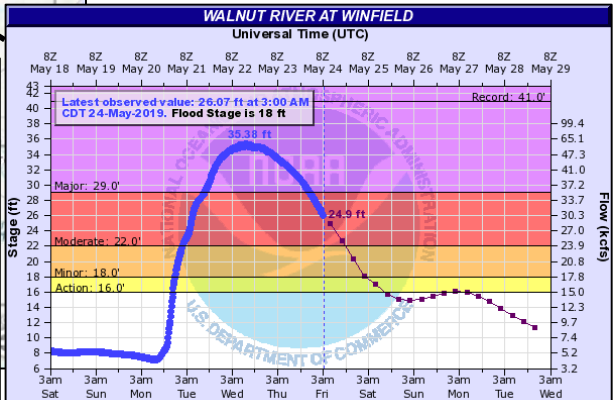
At 24 feet: Severe flooding; overtopping at Ralston sewage treatment levees. Dangerous and life threatening situation.



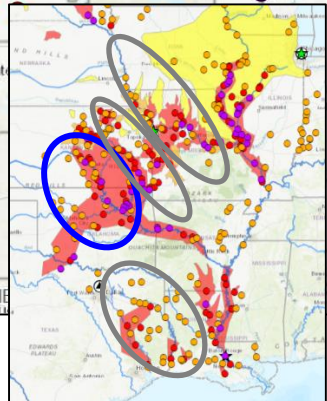
At 29 feet: Flood depths up to 12 feet devastate rural lands, oil fields, water wells, and other properties for hours after cresting



At 27 feet: Flood waters flow across a section of Highway 160 east of the river bridge near the Sumner Cowley County line.



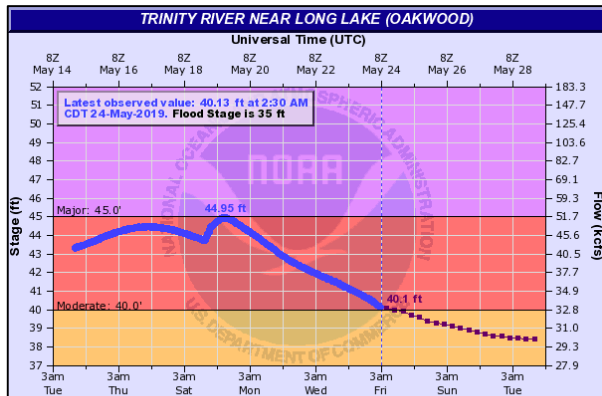
At 47 feet: Most of Winfield will be inundated.



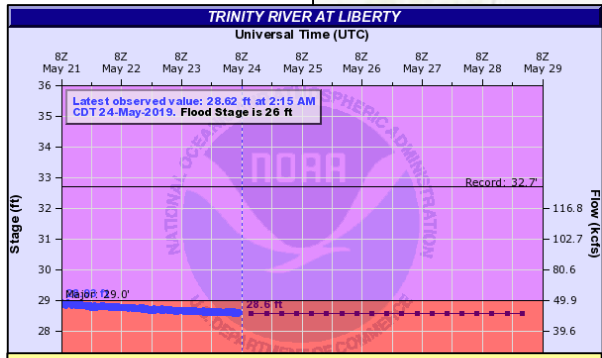
# Trinity River Basin



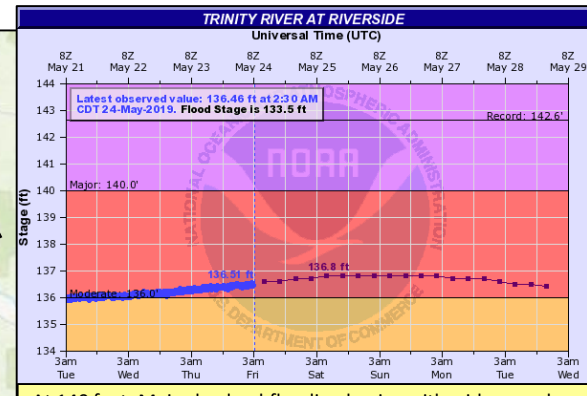
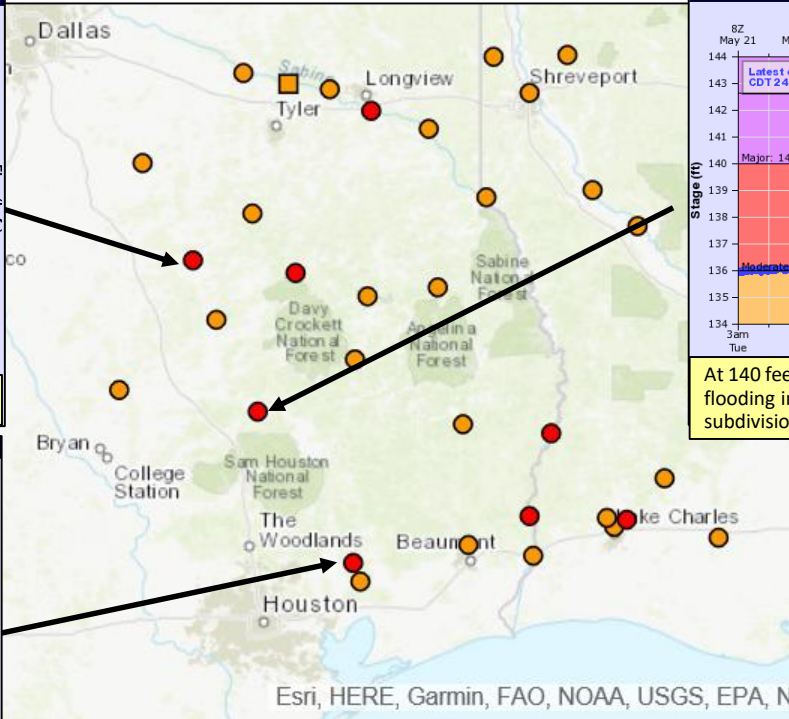
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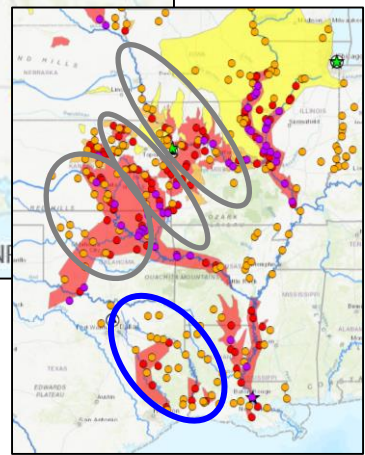
At 50 feet: Major flooding of numerous ranches and farm lands along river expected; Coffield Prison farm and ranch flooded



At 29 feet: Major lowland flooding begins, homes in several subdivisions begin flooding. Much of Liberty County flooded



At 140 feet: Major lowland flooding begins with widespread flooding in Trinity and Walker Counties. Roads into subdivisions in Walker and Trinity Counties are inundated.



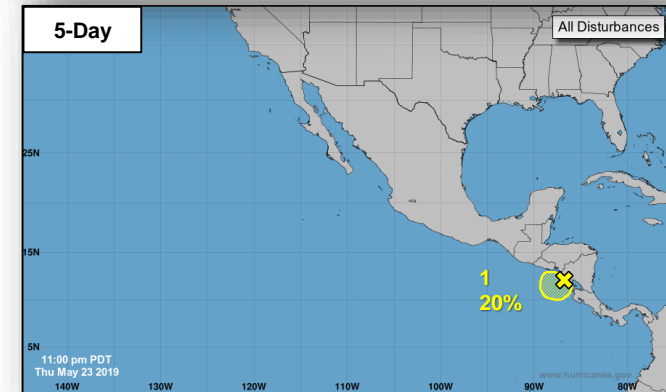
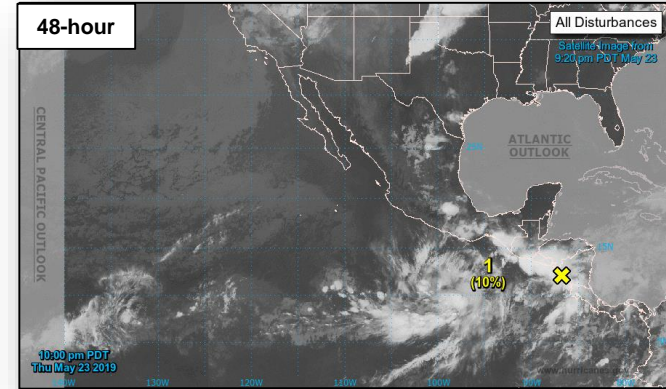
# Tropical Outlook – Eastern Pacific



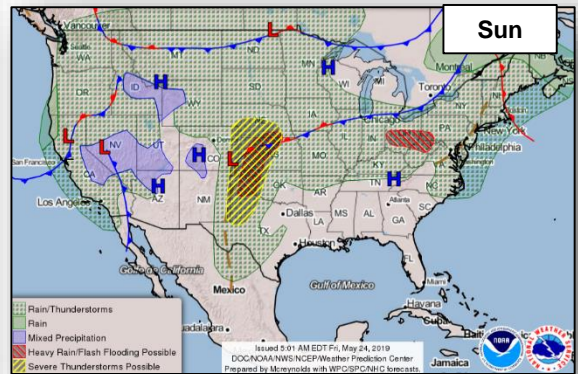
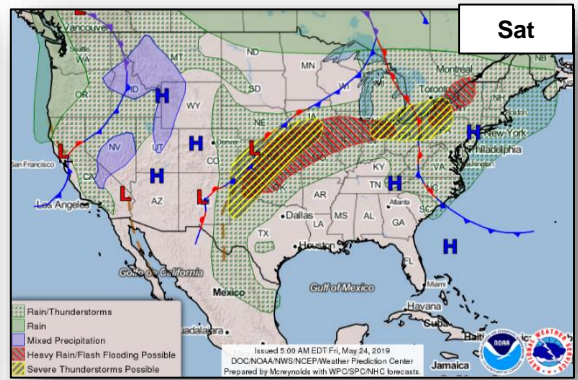
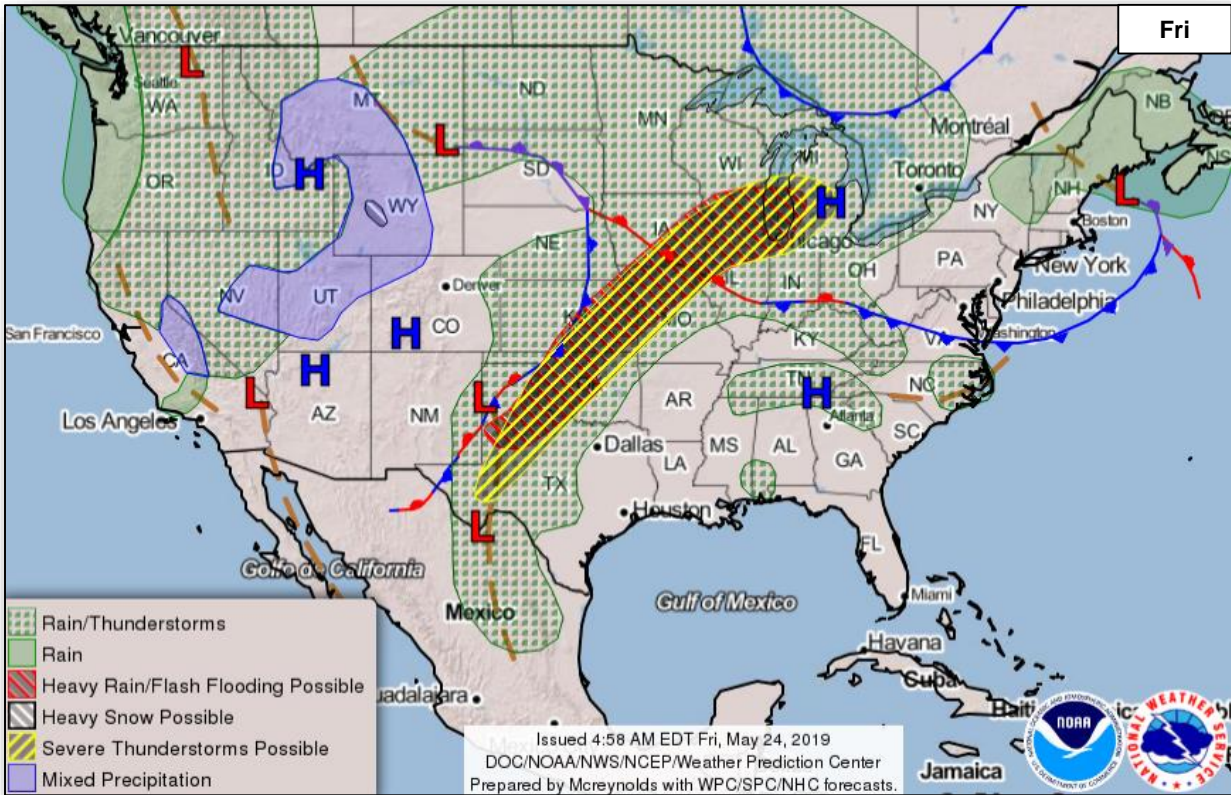
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## Disturbance 1 (as of 2:00 a.m. EDT)

- Centered near the west coast of Nicaragua
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (20%)



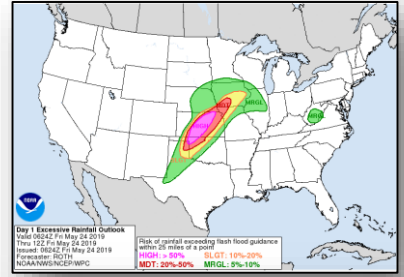
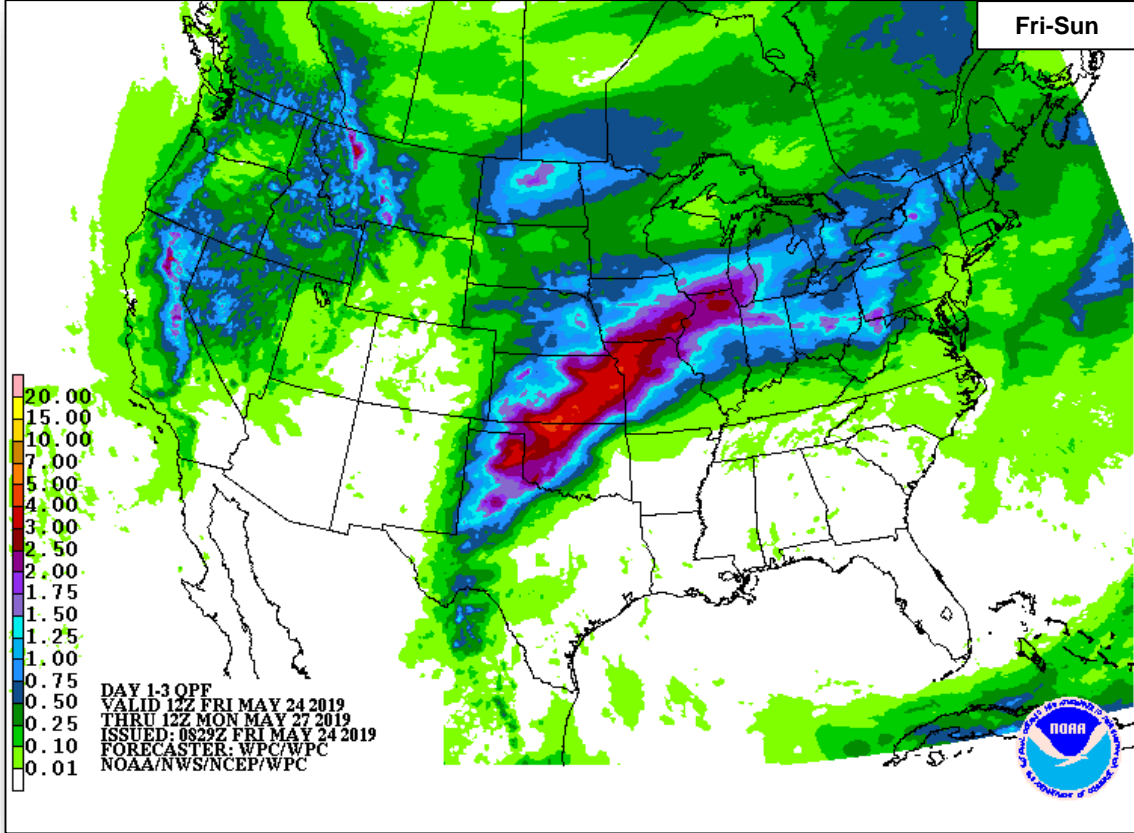
# National Weather Forecast



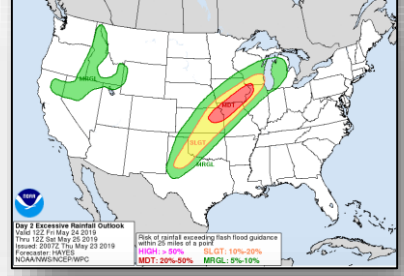
# Precipitation Forecast



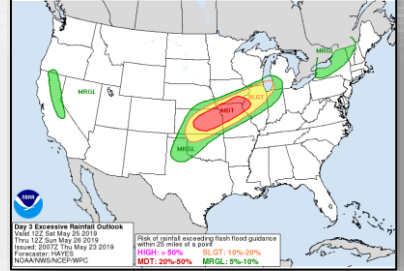
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Fri

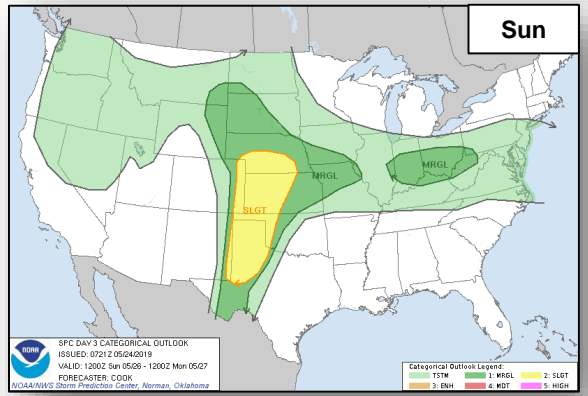
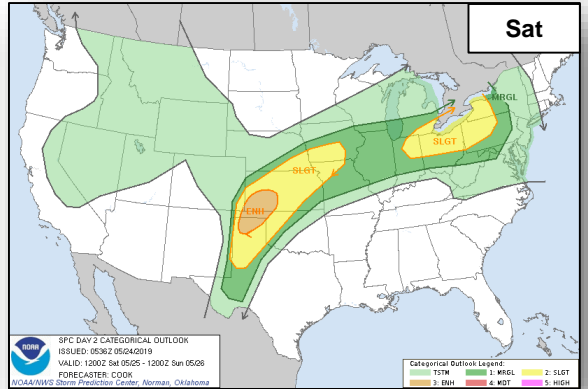
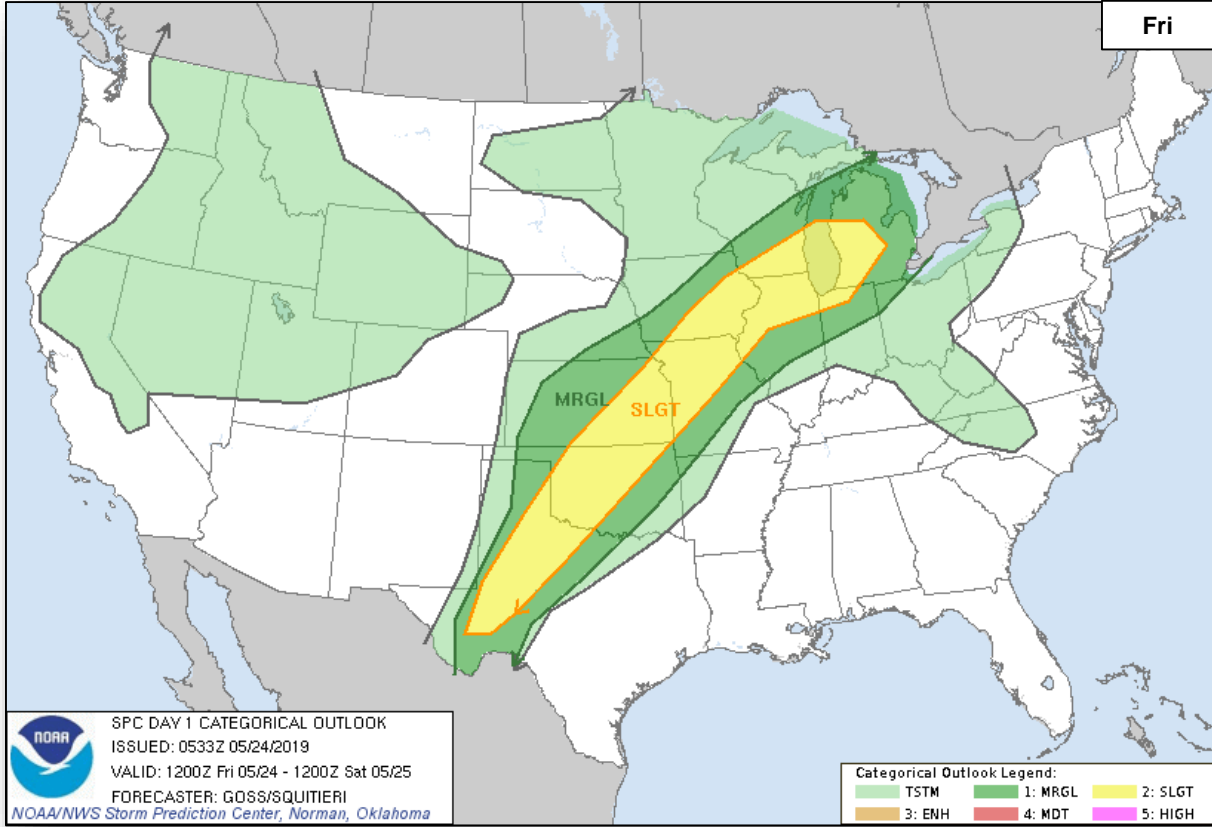


Sat



Sun

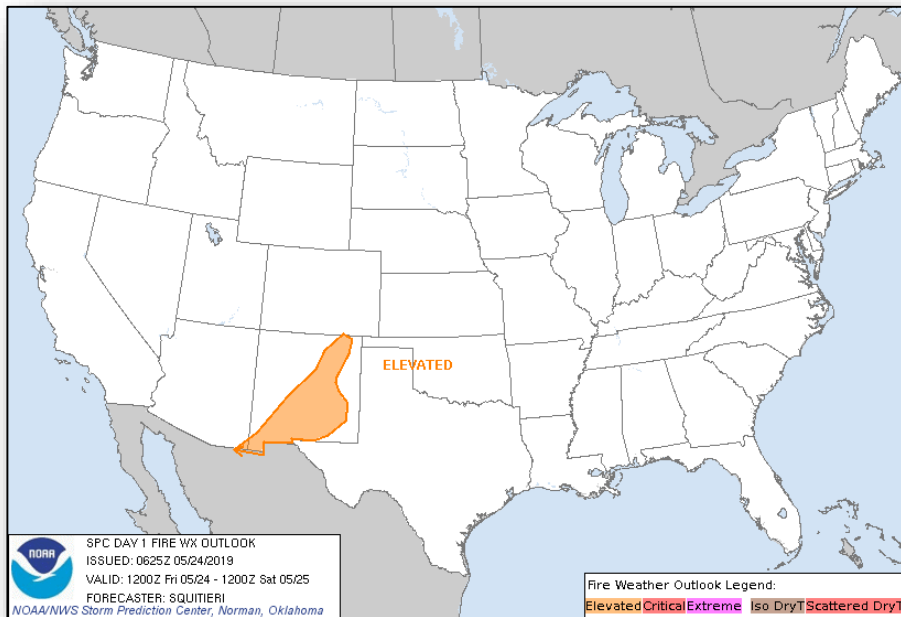
# Severe Weather Outlook



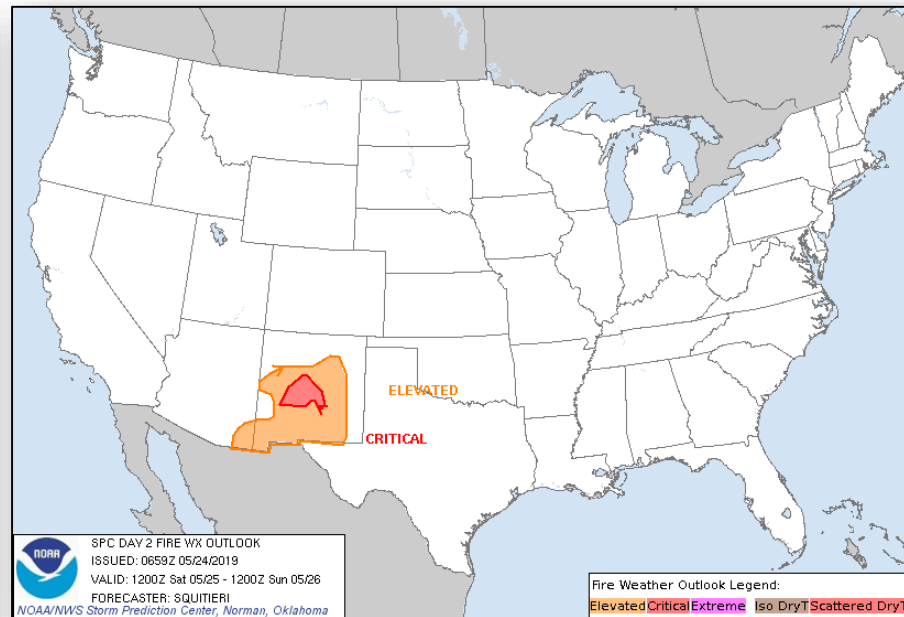
# Fire Weather Outlook



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**Friday**



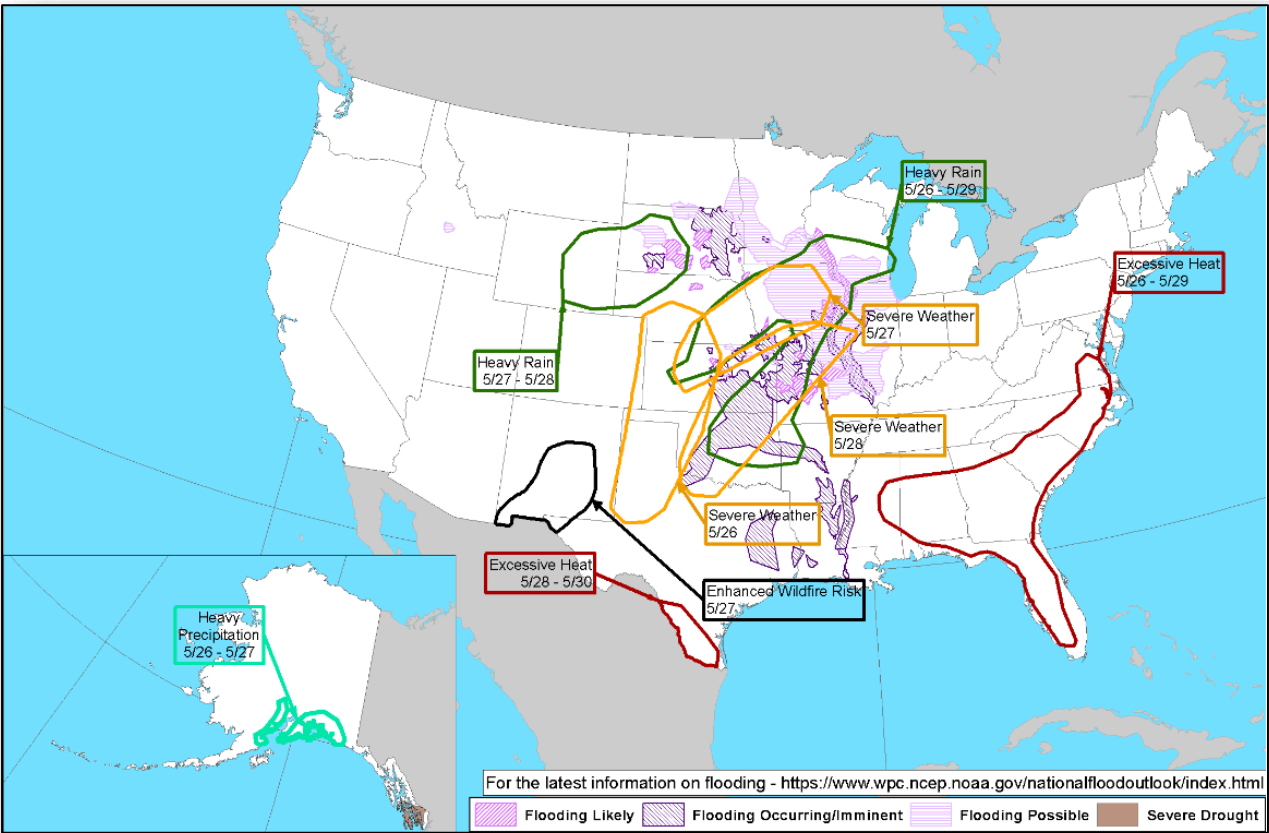
**Saturday**



# Hazards Outlook – May 26-30



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# Joint Preliminary Damage Assessments



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Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Complete	
IV	MS	Severe weather, tornadoes and flooding April 13-14, 2019	IA	0	0	N/A
			PA	8	0	5/21 – TBD
VI	OK*	<i>Severe weather April 30, 2019</i>	IA	0	0	N/A
			PA	25	9	5/16 – TBD

\*PDAs temporarily suspended

# Disaster Requests & Declarations



Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
<b>3</b>	<b>IA</b>	<b>PA</b>	<b>HM</b>	<b>Date Requested</b>	<b>0</b>	<b>0</b>
MT – DR Snowstorms and Flooding		X	X	May 9, 2019		
LA – DR Severe Storms and Tornadoes	X	X	X	May 21, 2019		
SD – DR Snowstorm, Severe Winter Storm, and Flooding	X	X	X	May 21, 2019		

# FEMA Common Operating Picture

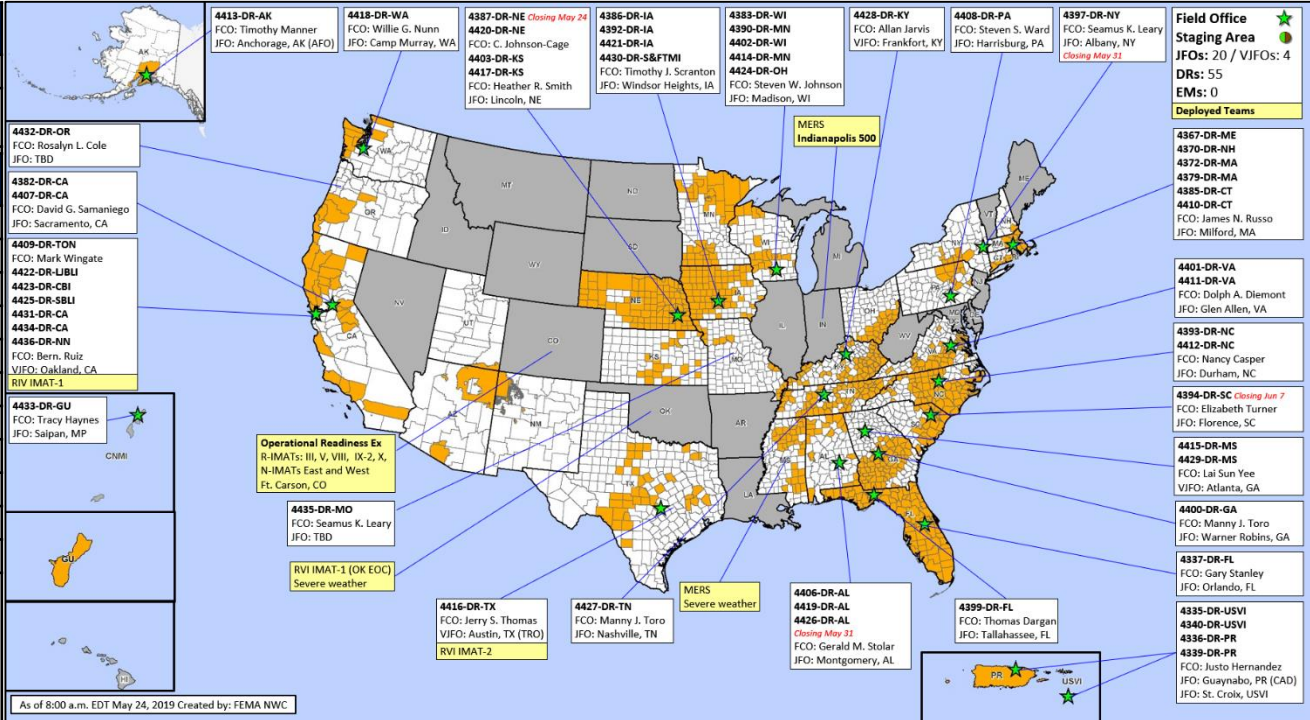


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FEMA HQ	
<b>NWC</b>	<b>NRCC</b>
Monitoring	Rostered

FEMA REGIONS		
WATCH	RRCC	
Monitoring	I	Rostered
Monitoring	II	Rostered
Monitoring	III	Rostered
Monitoring	IV	Rostered
Monitoring	V	Rostered
Monitoring	VI	Level III
Enhanced	VII	Rostered
Monitoring	VIII	Rostered
Monitoring	IX	Rostered
Monitoring	X	Rostered

**Activation Details**  
 RVI: Severe weather (day shift)  
 RVII: Severe weather (starting at 8:00 a.m. EDT)



As of 8:00 a.m. EDT May 24, 2019 Created by: FEMA NWC

N-IMATs	
3 Teams	
East	CO (EX)
West	CO (EX)
Crisis	

**R-IMATs**  
>7 Teams

I	
II	
III	CO (EX)
IV-1	
IV-2	
V	CO (EX)
VI-1	OK
VI-2	TX
VII	
VIII	CO (EX)
IX-1	CA
IX-2	CO (EX)
X	CO (EX)

FMC	PMC
NMC	Deployed

Team:	US&R	MERS	FCOs	FDRCS	IM WORKFORCE
Status	>66%	>66%	≤1Type 1	=2	
Assigned:	28	36	29	12	13,302 ▲
Unavailable	0 (-1)	0	0	0	3,844
Deployed:	0	1	25	10	5,789 ▲
Available:	28 (+1)	35	4	2	3,806/28% (NC)

IM CADRE AVAILABILITY SUMMARY	
Cadres with 25% or Less Availability	
EA	25% (130/513)
EHP	6% (31/493)
ER	7% (4/60)
FL	14% (22/154)
HM	19% (213/1123)
IT	24% (156/660)
LOG	19% (253/1326)
OPS	20% (53/262)
PA	7% (166/2462)
PLAN	16% (60/387)
SAF	9% (5/53)
SEC	15% (19/125)



# FEMA

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