

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

Wednesday, May 29, 2019

8:30 a.m. EDT

Significant Activity – May 28-29



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Significant Events:

- Tornadoes & Flooding – Central U.S.

Tropical Activity:

- Atlantic: No significant activity affecting U.S. interests
- Eastern Pacific: Disturbance 1: Low ([Near 0%](#)); Disturbance 2: Low (20%)
- Central Pacific: No significant activity affecting U.S. interests
- Western Pacific: No significant activity affecting U.S. interests

Significant Weather:

- Flooding/flash flooding – [Southern plains to Ohio Valley](#)
- Severe thunderstorms possible – [Southern Plains through Ohio Valley to Mid Atlantic](#)

Declaration Activity:

- [Emergency Declaration approved - Kansas](#)
- [Major Disaster Declaration request - Minnesota](#)

Hurricane Season begins in
2 days

Flooding & Tornadoes – Central U.S.



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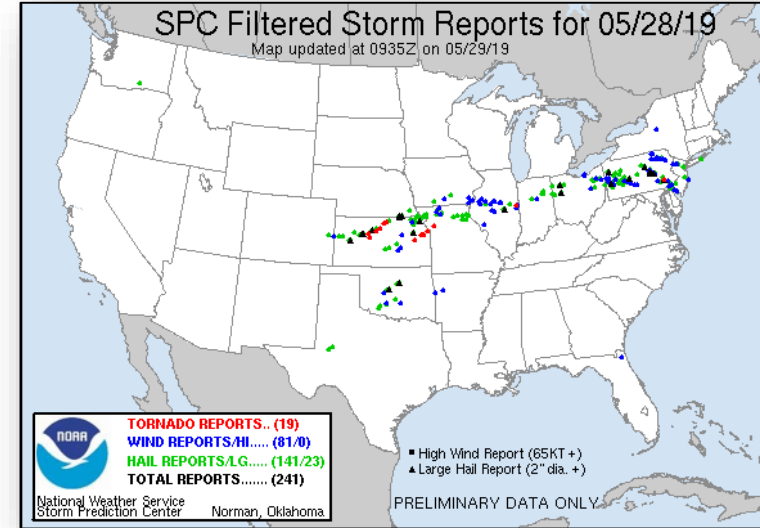
Current Situation:

Severe weather continues to impact a large area from the Central Plains to the mid-Atlantic. There were preliminary reports of 23 tornadoes across Illinois (1), Kansas (20), Missouri (2). The greatest impacts were in eastern Kansas, causing unknown storm damage in the cities of Linwood (pop. 375), Lawrence (pop. 88k), and Pleasant Grove (pop. 1,200) (Leavenworth and Douglas counties). Unsettled weather will continue across the Central U.S. today with additional heavy rain and severe thunderstorms expected from the Southern Plains to the Mid-Atlantic.

Lifeline Impacts:

Safety and Security

- OH: 12 preliminary tornado touchdowns reported in 9 counties on May 27-29
 - Dayton (pop. 140k) (Montgomery County) saw most significant damage, destroyed numerous homes and commercial structures
 - Confirmed EF-3 tornado in Celina (pop. 10.5k) (Mercer County); 40 homes destroyed or with major damage; 37 affected or with minor damage
 - Confirmed EF-3 in Beavercreek (pop. 46k) (Greene County)
- OK: NWS confirmed tornado that impacted El Reno was an EF-3
 - Temporary road complete between Muskogee and Braggs, OK
- LA: USACE has scheduled a slow opening of the Morganza Control Structure June 2 to June 5; to allow for wildlife considerations followed by unrestricted operation of the floodway (opening up to 25 bays) by 05 JUN; releasing 150k cfm.



Flooding & Tornadoes – Central U.S.



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Food, Water, Sheltering

- 25 (+13) shelters open with 460 (+199) occupants (*ESF-6 Shelter report, 3:34 am*)
 - OK: 10 (+1) / 196 (+35); KS: 2 / 6 (-42); MO: 3 (+1) / 69 (+17); OH: 6 / 131; AR: 3 / 54; IN: 1 / 4
- Evacuations:
 - KS: Independence (pop 9,483) and Coffeyville (pop 10,295) due to Verdigris River flooding
 - OK: voluntary evacuations for portions 10 (+3) counties; mandatory for 1 community (Webber Falls; pop. 600)
 - AR: voluntary evacuations for 10 counties
- OH: Dayton's water treatment plants lost power; generators have arrived, with more expected
 - Boil water advisories have been issued for Dayton and Montgomery County

Health & Medical

- OH: 1 fatality and 7 injuries
- OK: 6 confirmed fatalities and numerous injuries
- KS: 1 fatality; 26 (+1) injuries
- MO: 20 injuries

Transportation

- Numerous highways and secondary roads closed or damaged in impacted areas

Energy

- OH: 51k (Montgomery County, pop 532k) down from peak of 79k
- Minimal power outages all other impacted states

Hazardous Materials:

- OK: Multiple wastewater plants have experienced, shutdowns, flooding, power outages and bypasses
 - Some areas under precautionary boil water orders
- OH: Dayton's water treatment plant lost power; generators have arrived, with more expected; 4 communities without potable water affecting 5k residents; water buffaloes have been delivered; unknown restoration time

Flooding & Tornado – Central U.S.



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Response:

State/Local

- KS and AR EOCs at Full Activation
 - [Emergency Declaration approved May 28 for KS](#)
- OK, OH, and IL EOCs at Partial Activation
- [MO EOC returned to Normal Operations](#)
- LA EOC at Monitoring
 - Governor requested an Emergency Declaration for 11 parishes
- National Guard activated in MO, AR, OK and KS
- US&R OH-TF1 [demobilized, FMC](#)

FEMA Regions

- FEMA Region V
 - RWC: Steady State, monitoring 24/7
 - IMAT: Fully Mission Capable, prepared to respond
- FEMA Region VI
 - RWC: Steady State, monitoring 24/7
 - RRCC: Level III, with select ESFs (day shift only)
 - IMAT-1: Deployed to AR EOC
 - IMAT-2: Deployed to OK EOC
 - 1 LNO deployed to OK EOC; 2 LNOs deployed to AR EOC
- FEMA Region VII
 - RWC: Enhanced Watch, monitoring 24/7
 - IMAT: Supporting KS
 - LNO deployed to KS EOC

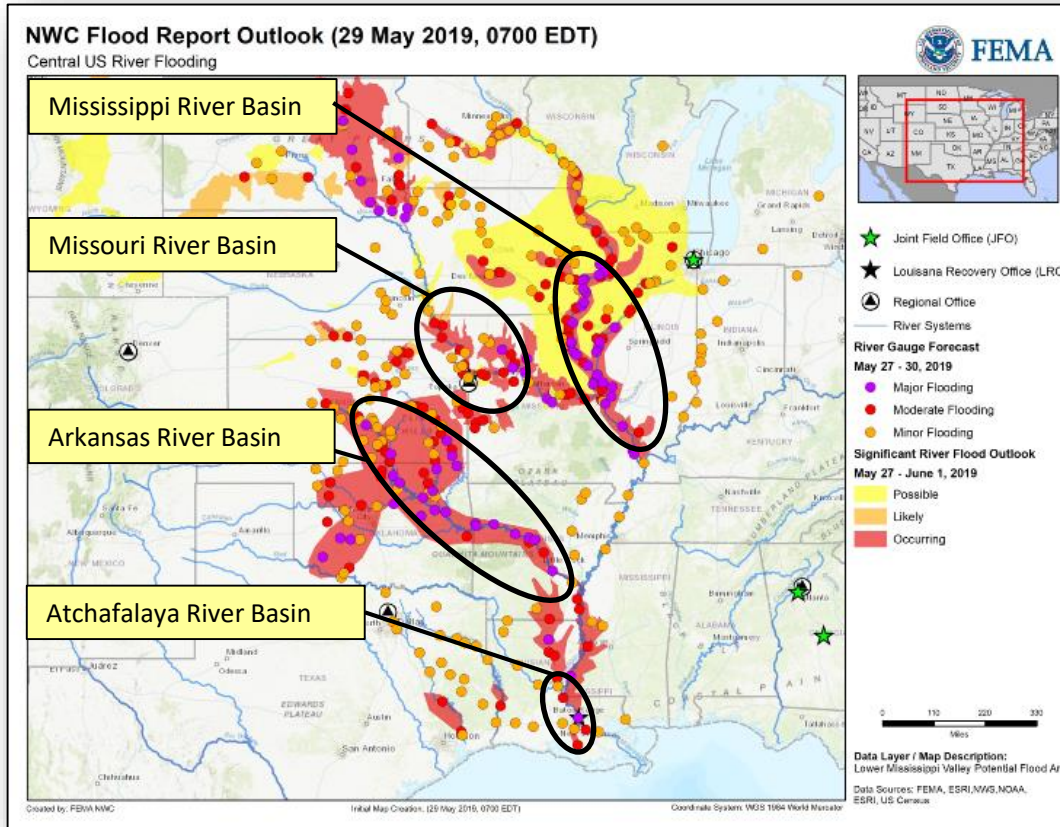
FEMA Headquarters

- NWC: Steady State, monitoring 24/7
- FEMA-3411-EM-OK approved on May 25 (PA for 10 counties)
- [FEMA-3412-EM-KS approved on May 28 \(PA for 18 counties\)](#)

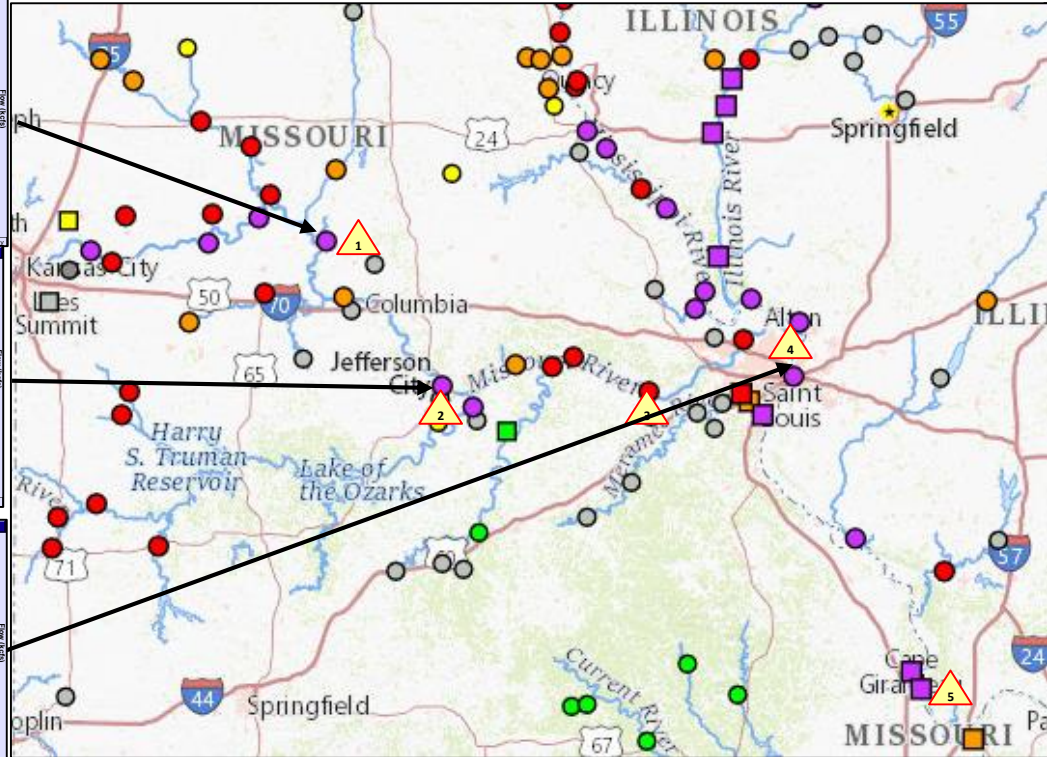
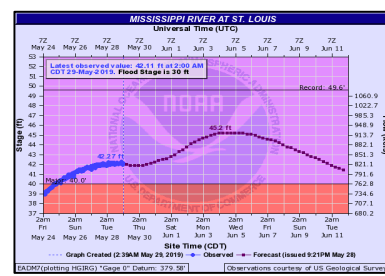
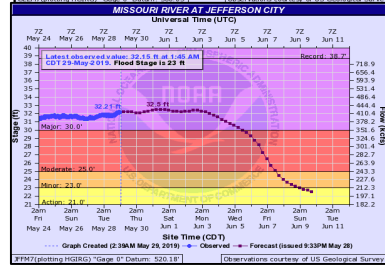
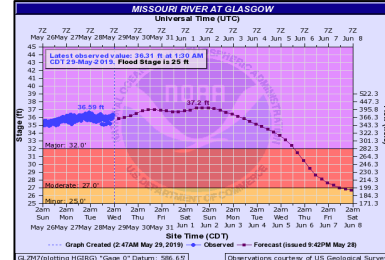
Flooding – Central U.S.



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Missouri River Basin

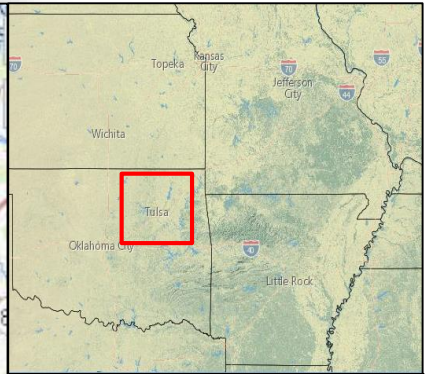
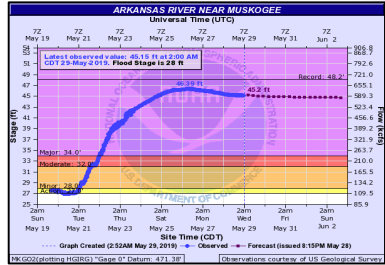
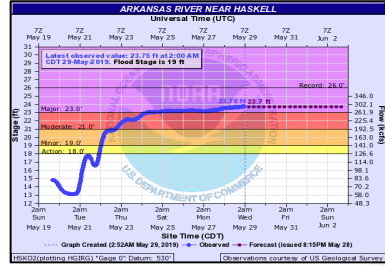
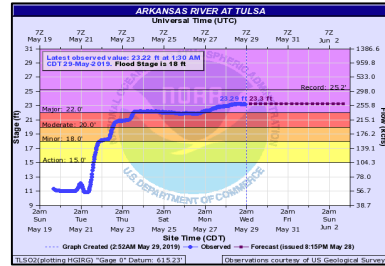


1. Missouri River at Glasgow crests on May 27, receding out of Major flood stage by Jun 1
2. Jefferson City will remain at Major Flood Stage into first of June, then rapid receding expected
3. Meramec River, Missouri River and Mississippi River converge near St Louis. Area is prone to spring flooding each year
4. West Alton, MO issued Voluntary Evacuations due to near record flood levels on the Mississippi River
5. Mississippi River at Cape Girardeau expected to crest May 30 and remain in Major flood stage though early June. Several homes and structures in southern Cape Girardeau County may be inundated or cut off due to backwater flooding from the Diversion Channel. Evacuations may be required.

Arkansas River Basin



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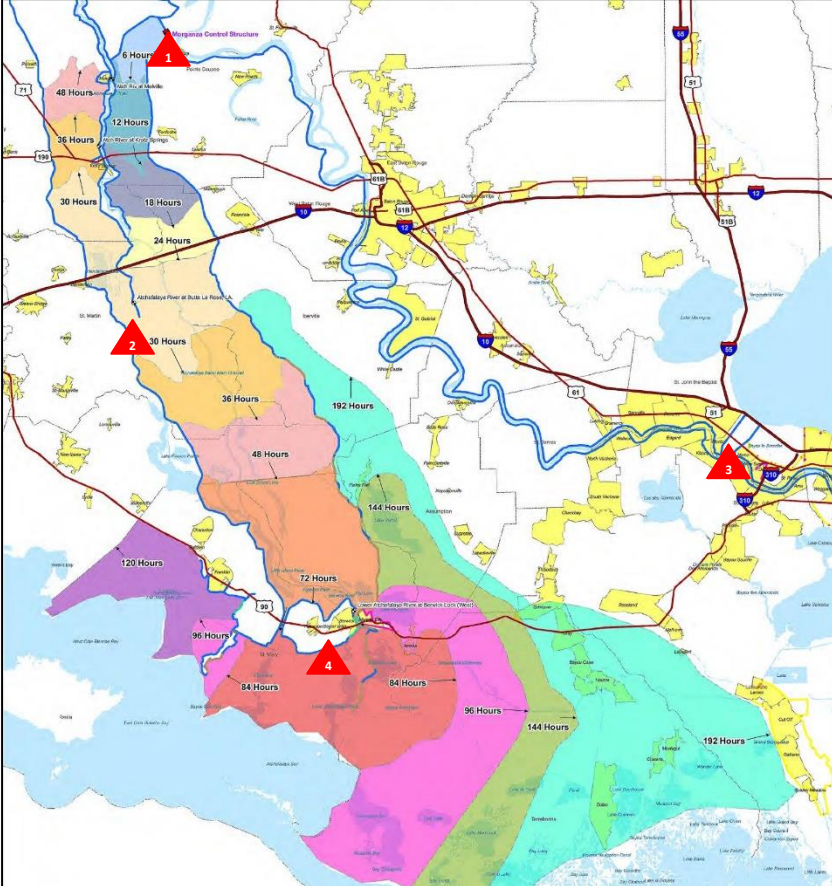


1. Keystone Dam release continues and will keep river levels high.
2. Town of Sand Springs: Voluntary Evacuations as Keystone Dam releases continue.
 - Officials identified potential industrial HAZMAT area near the river
 - City officials have mitigation plans in place
3. Arkansas River near Tulsa and Haskell has crested – expected to remain at Major flood stage through next week
4. Arkansas River near Muskogee expected to crest on May 27 just below record levels and remain in Major Flood for weeks
5. Small town of Bragg, OK isolated by flood waters – evacuations, sheltering, and mitigation ongoing

Atchafalaya River Basin



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Arrival Time

6 Hours	72 Hours
12 Hours	84 Hours
18 Hours	96 Hours
24 Hours	120 Hours
30 Hours	144 Hours
36 Hours	192 Hours
48 Hours	



- Morganza is a large spillway about 4k feet long and 125 bays located on the west side of Mississippi River just north of Morganza, Louisiana

 - Mississippi River near the spillway expected to crest at 62ft (5 feet above opening thresholds)
 - USACE may open the spillway as early as Jun 2 (Decision point on May 28)
 - Slow release for 3 days then potential full opening
 - Flooding across numerous parishes (Primarily farming, agricultural & recreational camps)

Spillway has only been opened twice in its history (1973 & 2011). Each time the openings caused widespread impacts to the Louisiana farming industry & fisheries
- Bayou Chene temporary flood gates installed to reduce backwater flood impacts to approx. 5k residents
- Bonnet Carre Spillway – Opened twice in one year (historical)
- Morgan City, LA – Populated city near the Gulf Coast end of the basin, has been managing flooding for several months, opening the spillway will cause additional flood potential

Tropical Outlook – Eastern Pacific

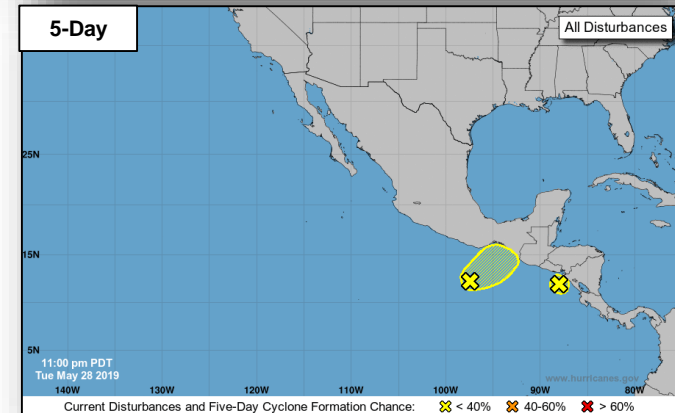
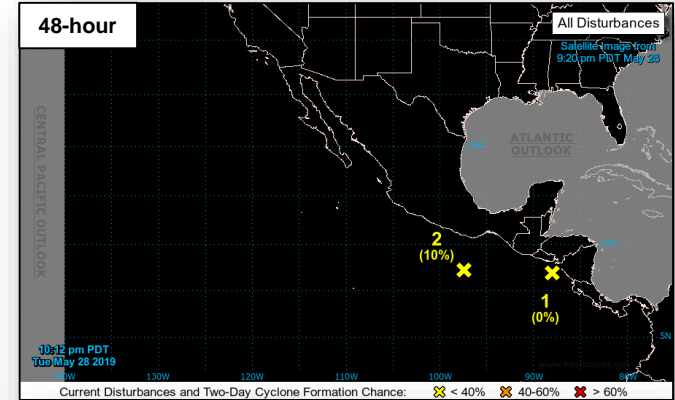


Disturbance 1 (as of 2:00 a.m. EDT)

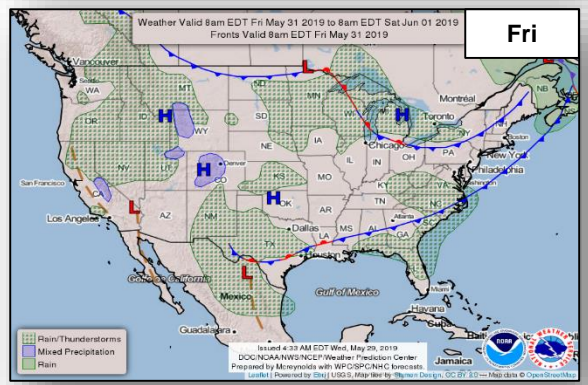
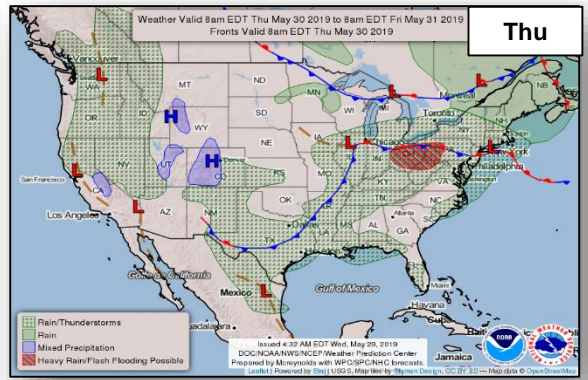
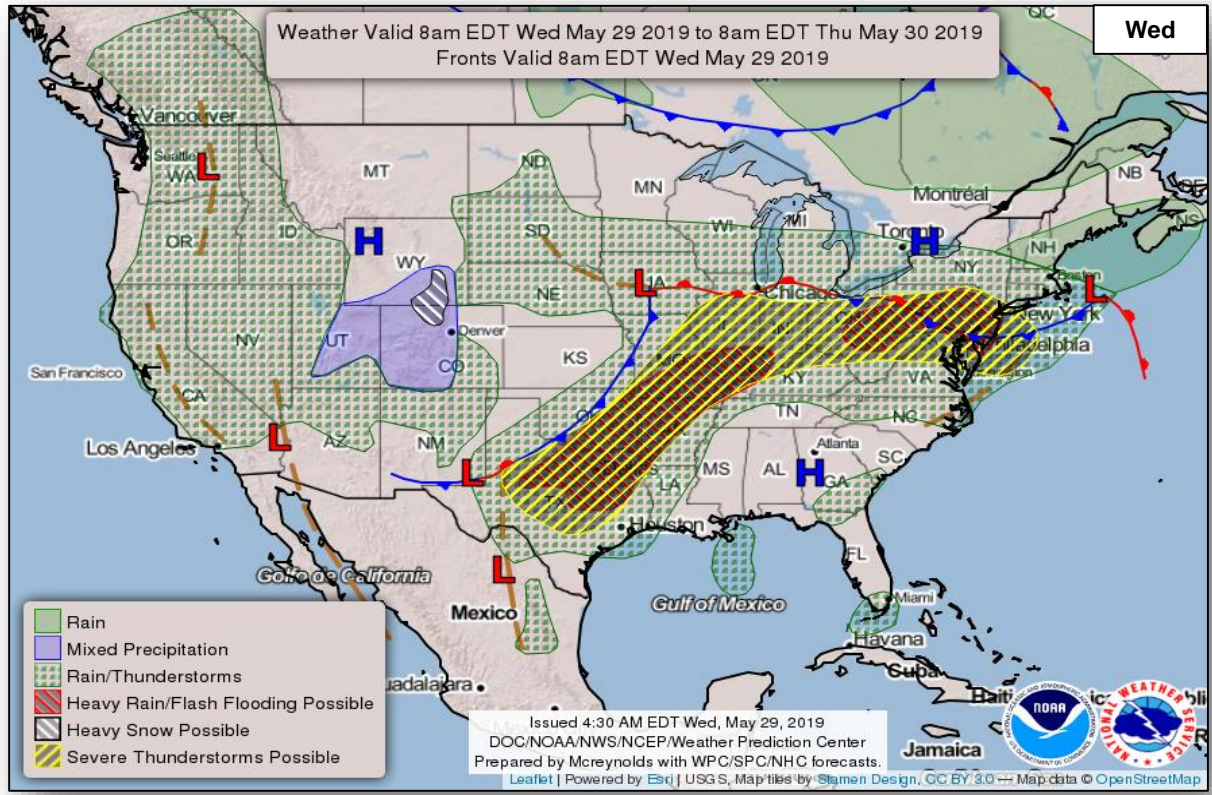
- Far eastern Pacific less than 100 miles SW of Nicaragua-Honduras border
- Formation chance through 48 hours: Low (Near 0%)
- Formation chance through 5 days: Low (Near 0%)
- No threat to U.S. interests

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

- A few hundred miles south of Southern Mexico
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (20%)
- No threat to U.S. interests



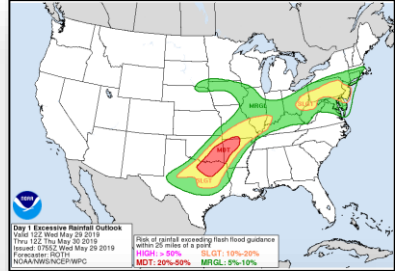
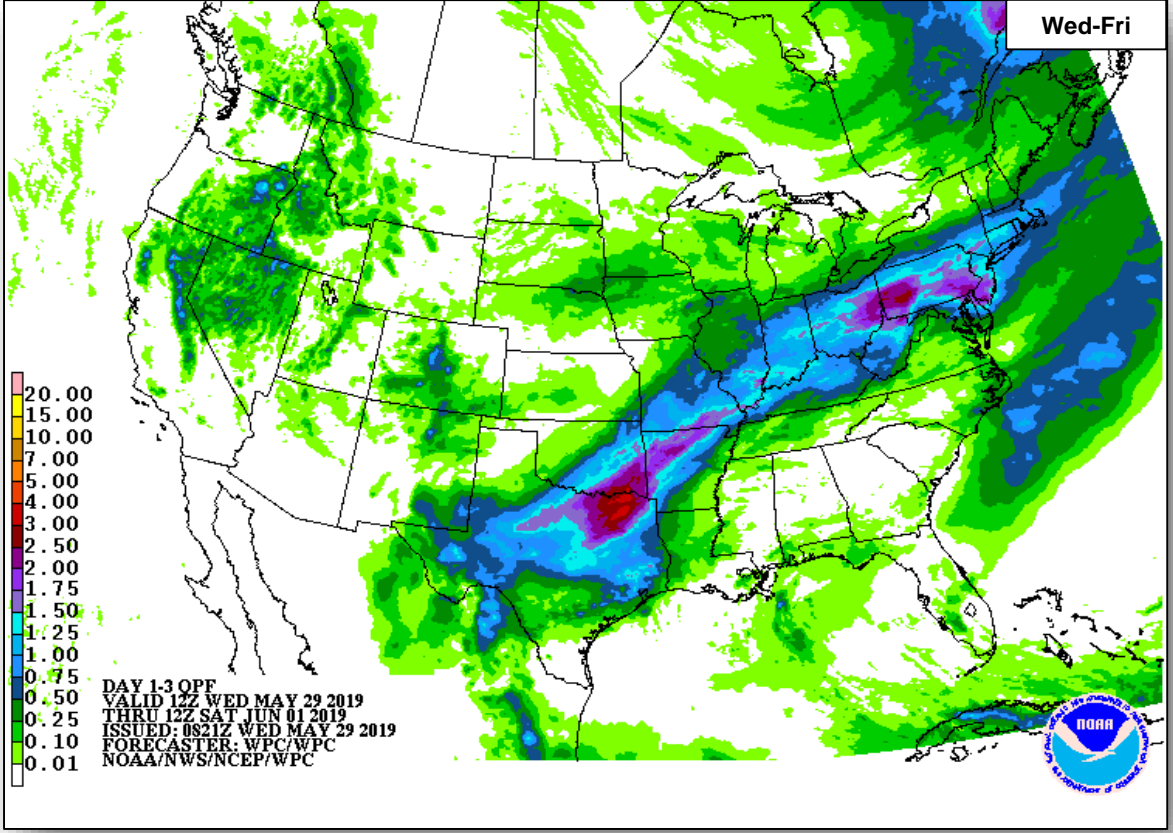
National Weather Forecast



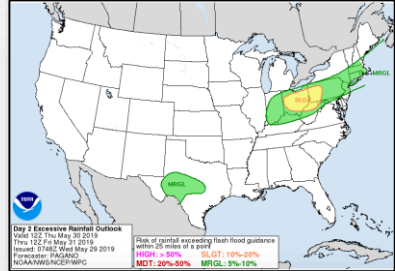
Precipitation Forecast



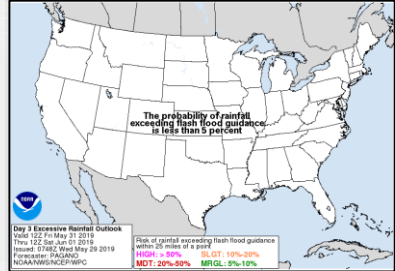
FEMA



Wed

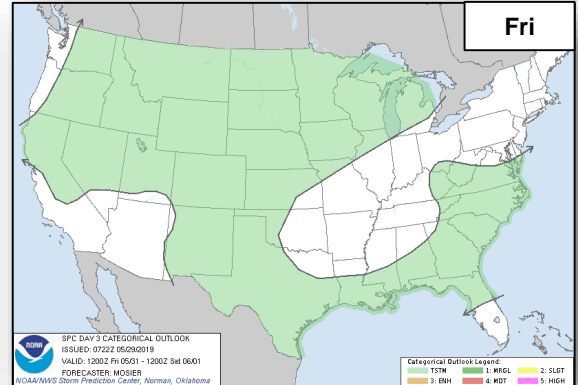
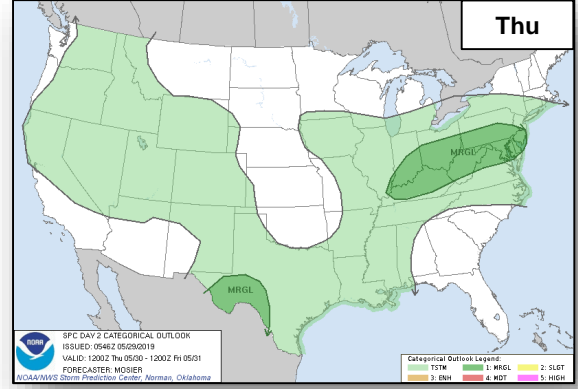
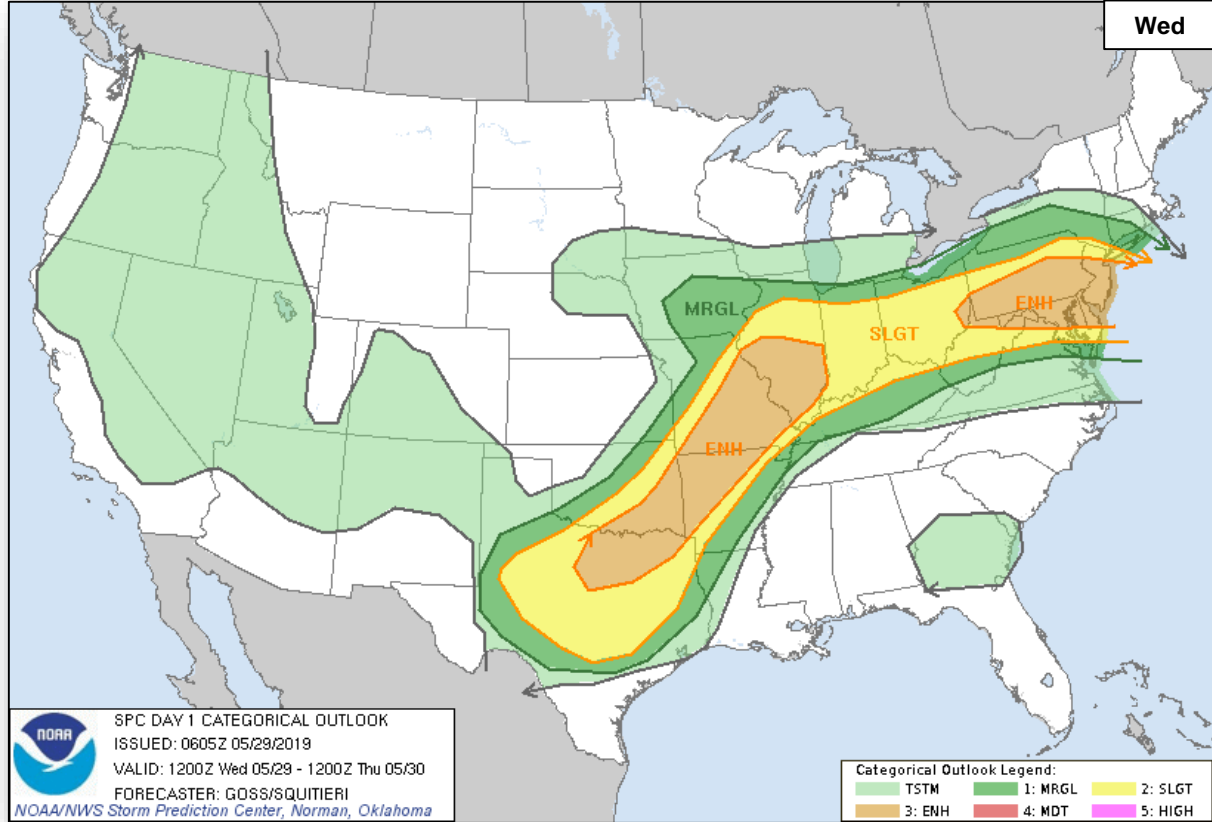


Thu



Fri

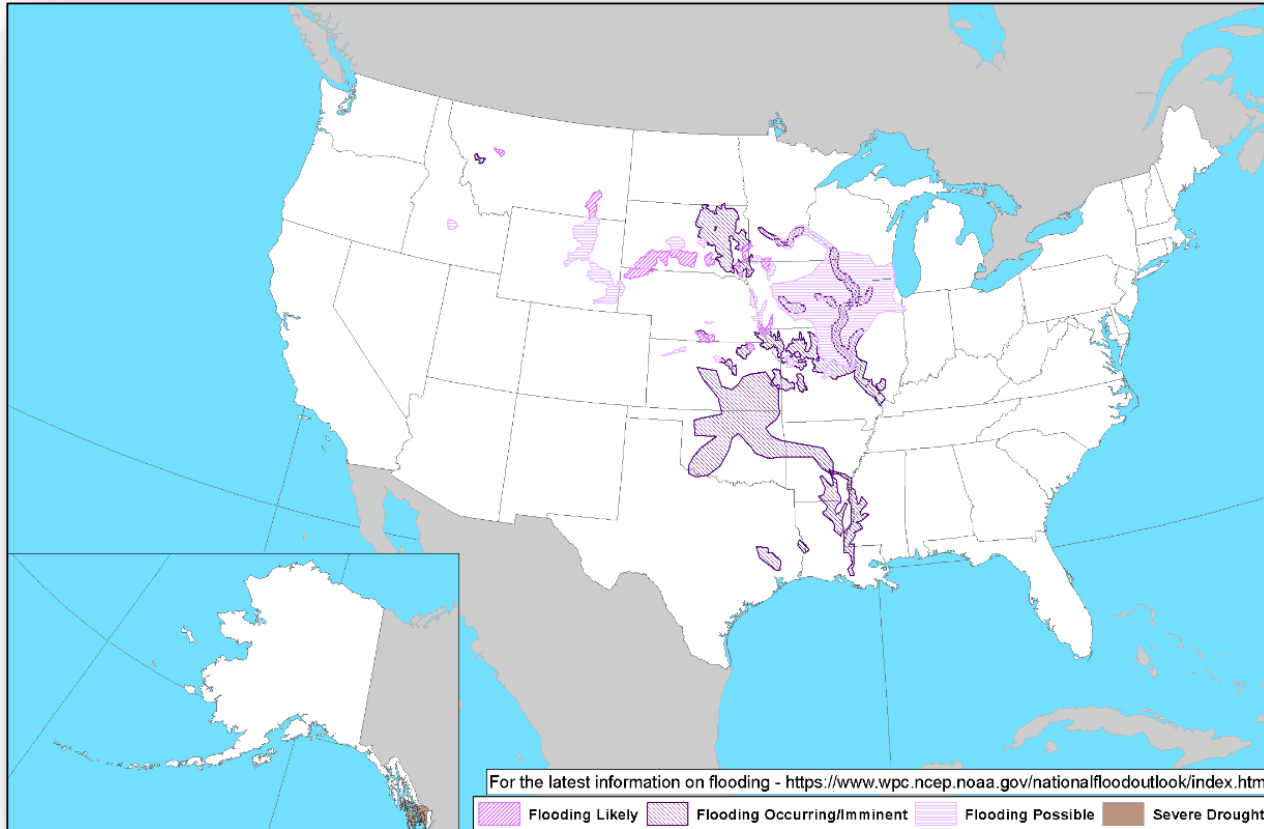
Severe Weather Outlook



Hazards Outlook – May 31 – June 4



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Joint Preliminary Damage Assessments



FEMA

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	7	5/21 – TBD
V	MI	Severe weather and flooding May 1-3, 2019	IA	1	0	5/28-TBD
			PA	0	0	N/A
VI	OK*	Severe weather April 29, 2019	IA	0	0	N/A
			PA	25	9	5/16 – TBD

**PDAs will resume on May 29, 2019*

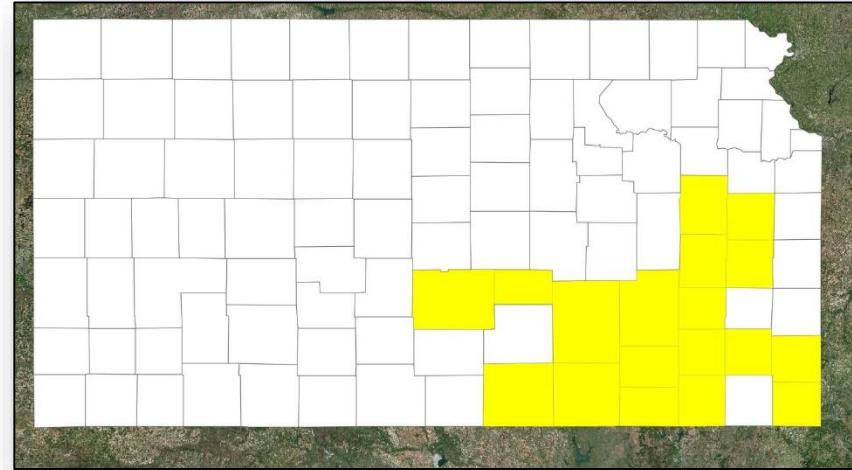
Declaration Approved



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FEMA-3412-EM-KS

- The President approved an Emergency Declaration on May 28, 2019 for the State of Kansas
- For flooding that occurred May 9, 2019 and continuing
- Provides:
 - Emergency protective measures (Category B), limited to direct federal assistance under the Public Assistance program at 75% federal funding for 18 counties
- FCO: David Gervino



■ PA

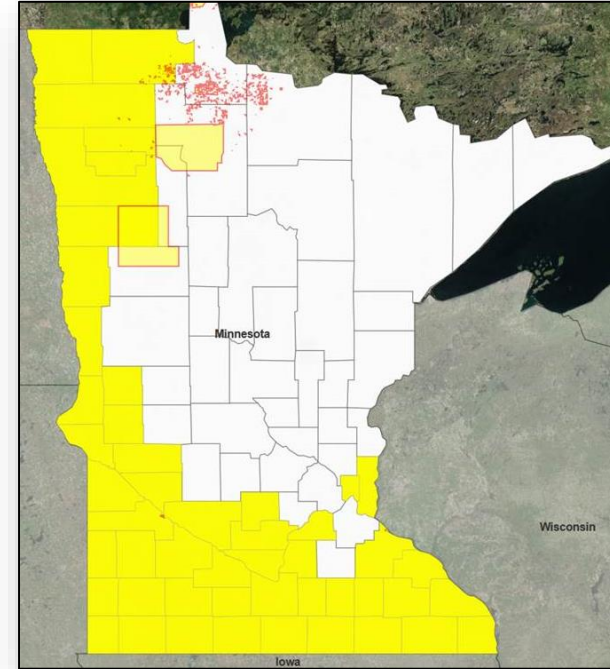
Declaration Request



FEMA

Minnesota

- The Governor requested a Major Disaster Declaration Declaration on May 28, 2019 for the State of Minnesota
- For a severe winter storm, straight-line winds, and flooding that occurred March 12 to April 28, 2019
- Requesting:
 - Public Assistance for 51 counties and 4 tribes
 - Hazard Mitigation statewide



■ PA

■ Tribal Boundary

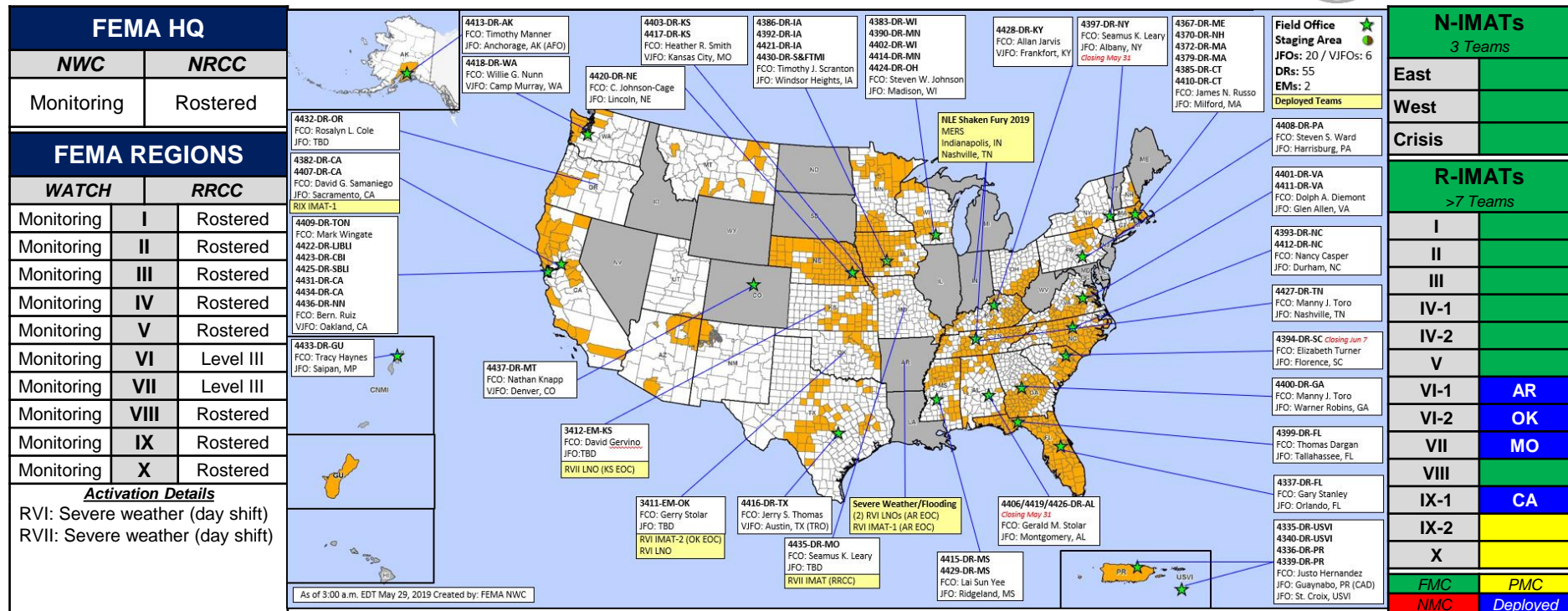
Disaster Requests & Declarations



Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
6	IA	PA	HM	Date Requested	1	0
LA – DR Severe Storms and Tornadoes	X	X	X	May 21, 2019		
SD – DR Severe Winter Storm, Snowstorms, and Flooding	X	X	X	May 21, 2019		
ID – DR Severe Storms, Flooding, Landslides, and Mudslides		X	X	May 22, 2019		
ND – DR Flooding		X	X	May 24, 2019		
LA – EM Flooding		X		May 24, 2019		
KS – EM Severe Storms, Tornadoes, Straight-line Winds, Flooding, and Mudslides		X		May 25, 2019	May 28, 2019	
MN- DR Severe Winter Storm, Straight-line Winds, and Flooding		X	X	May 28, 2019		



FEMA Common Operating Picture



Team:	US&R	MERS	FCOs	FDRCs	IM WORKFORCE
Status	>66%	>66%	≤1 Type 1	=2	
Assigned:	28	36	29	12	13,329 ▲
Unavailable:	0 (-1)	0	0	0	3,879 ▼
Deployed:	0	0	25	10	5,605 ▲
Available:	28 (+1)	36	4	2	3,845 / 29% ▲

IM CADRE AVAILABILITY SUMMARY	
Cadres with 25% or Less Availability	
EHP	6% (31/492);
ER	10% (6/60);
FL	15% (22/152);
HM	19% (218/1129);
IT	25% (167/667);
LOG	22% (284/1322);
OPS	21% (55/262);
PA	8% (197/2455);
PLAN	15% (58/386);
SAF	9% (5/53);
SEC	3% (16/125)

N-IMATs	
3 Teams	
East	
West	
Crisis	
R-IMATs	
>7 Teams	
I	
II	
III	
IV-1	
IV-2	
V	
VI-1	AR
VI-2	OK
VII	MO
VIII	
IX-1	CA
IX-2	
X	
FMC	PMC
NMC	Deployed

As of 3:00 a.m. EDT May 29, 2019 Created by: FEMA NWC



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