

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.

Please consider making a small donation to the Disaster Center



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



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Daily Operations Briefing

Friday, October 21, 2016

8:30 a.m. EDT

Significant Activity – Oct 20 - 21



Significant Events: None

Tropical Activity:

- Atlantic – Disturbance 1 (Invest 99L) – Medium (40%)
- Eastern Pacific – Disturbance 1 (Invest 90E) – Medium (40%); Disturbance 2 – Low (30%)
- Central Pacific – Disturbance 1 (Invest 99E) – Low (near 0%)
- Western Pacific – No activity affecting U.S. interests

Significant Weather:

- Heavy rain/flash flooding possible – Central Appalachians to Great Lakes, Mid-Atlantic and northern New England
- Rain and thunderstorms – Pacific Northwest; Mid-Atlantic to Northeast
- Rain and snow – Northern Intermountain to Northern Rockies; Upper Mississippi Valley; Central/Southern Appalachians
- Rain – Pacific Northwest to Northern Intermountain; Northern Plains to Upper Mississippi Valley; Tennessee Valley to Great Lakes and Northeast
- Red Flag Warnings – southern CA and AL
- Elevated Fire Weather areas – southern CA, CO, WY & NE
- Space Weather – Past 24 hours – none; next 24 hours – none

Earthquake Activity: No significant activity

Declaration Activity:

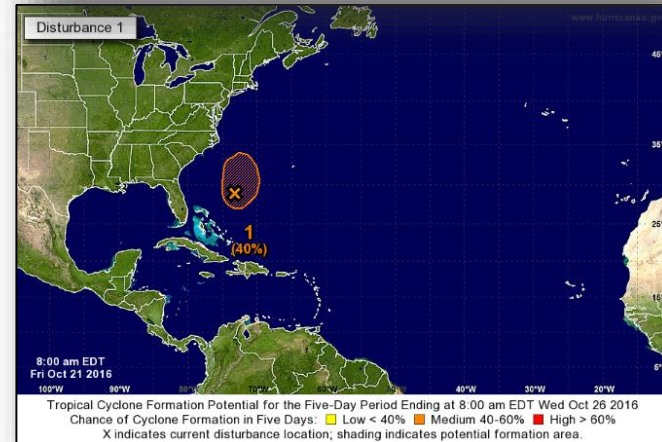
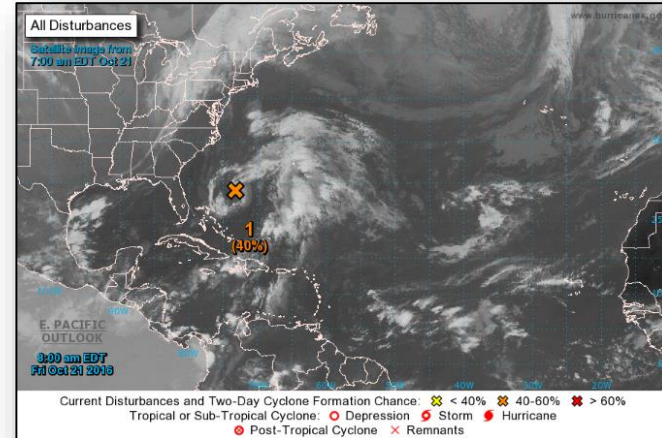
- Major Disaster Declaration request – MN
- Major Disaster Declaration approved – WI
- Major Disaster Declaration approved - KS
- Amendment No. 3 to FEMA-4284-DR-GA

Tropical Outlook – Atlantic



Disturbance 1 – (Invest 99L): (as of 8:00 a.m. EDT)

- 450 miles SSE of Cape Hatteras, North Carolina
- Moving northward
- Thunderstorm activity is very limited; chances for a subtropical or tropical cyclone are diminishing
- Low expected to merge with a large frontal system tonight or early Saturday
- Formation chance through 48 hours: Medium (40%)
- Formation chance through 5 days: Medium (40%)



Tropical Outlook – Eastern Pacific

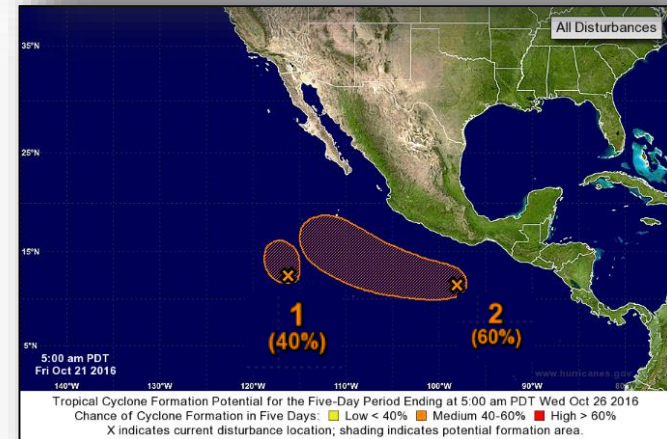
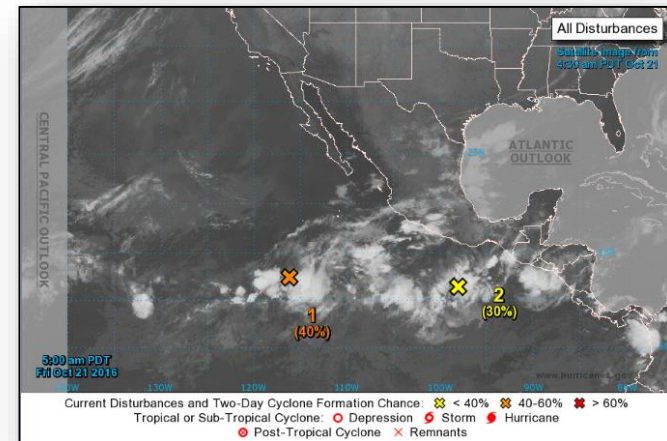


Disturbance 1 (Invest 90E) (as of 8:00 a.m. EDT)

- Located 750 miles SSW of southern tip of Baja California peninsula
- Expected to drift N or NW next several days
- Has become less organized since yesterday
- Still has a chance of becoming a tropical cyclone before upper-level winds become too strong for formation
- Formation chance through 48 hours: Medium (40%)
- Formation chance through 5 days: Medium (40%)

Disturbance 2 (as of 8:00 a.m. EDT)

- Located a few hundred miles SSW of Gulf of Tehuantepec
- Moving WNW at 10-15 mph
- Conditions forecast to become more favorable for gradual development over the weekend
- A tropical depression could form early next week
- Formation chance through 48 hours: Low (30%)
- Formation chance through 5 days: Medium (60%)

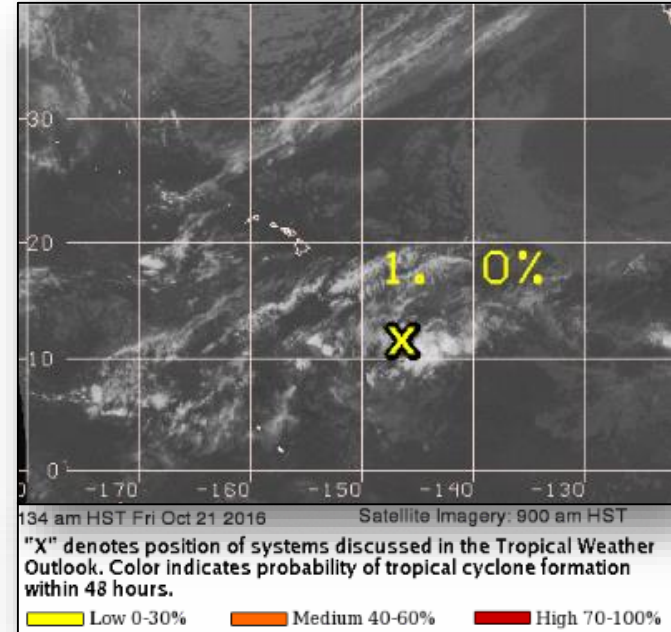


Tropical Outlook – Central Pacific



Disturbance 1 (Invest 99E) (as of 8:00 a.m. EDT)

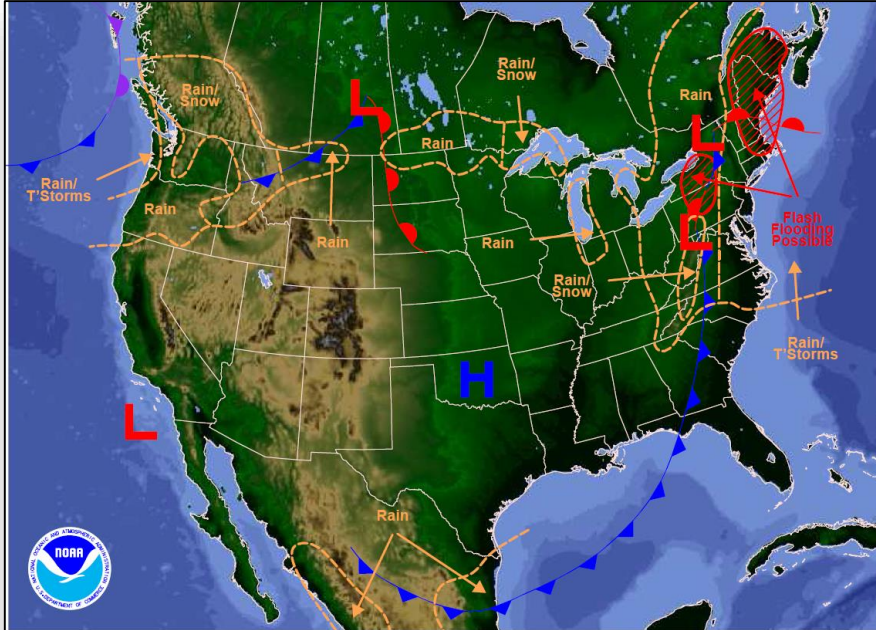
- Located 830 miles SE of Hilo, Hawaii
- Nearly stationary
- Conditions not conducive development
- Formation chance through 48 hours: Low (near 0%)



National Weather Forecast

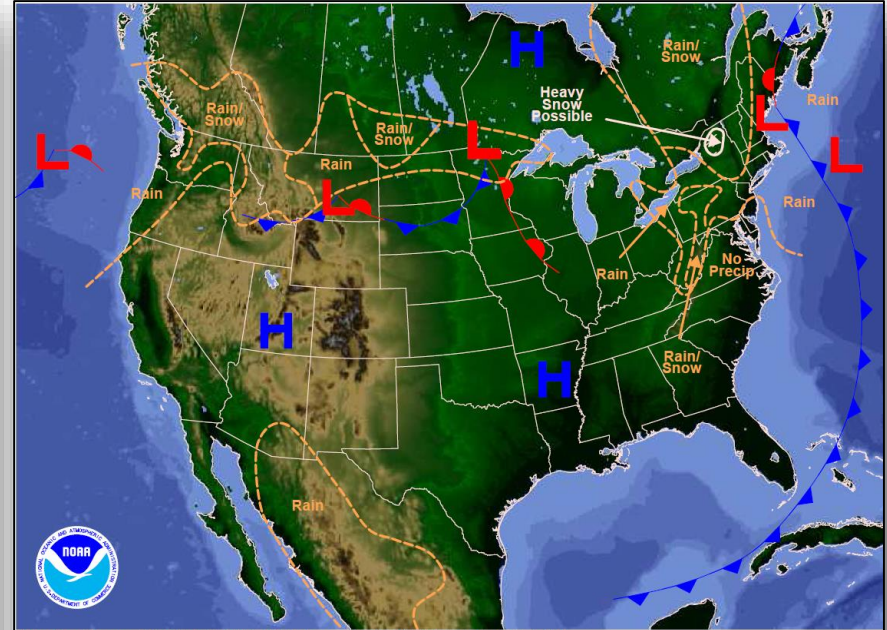


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Weather Forecast for Fri, Oct 21, 2016, issued 4:47 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Today



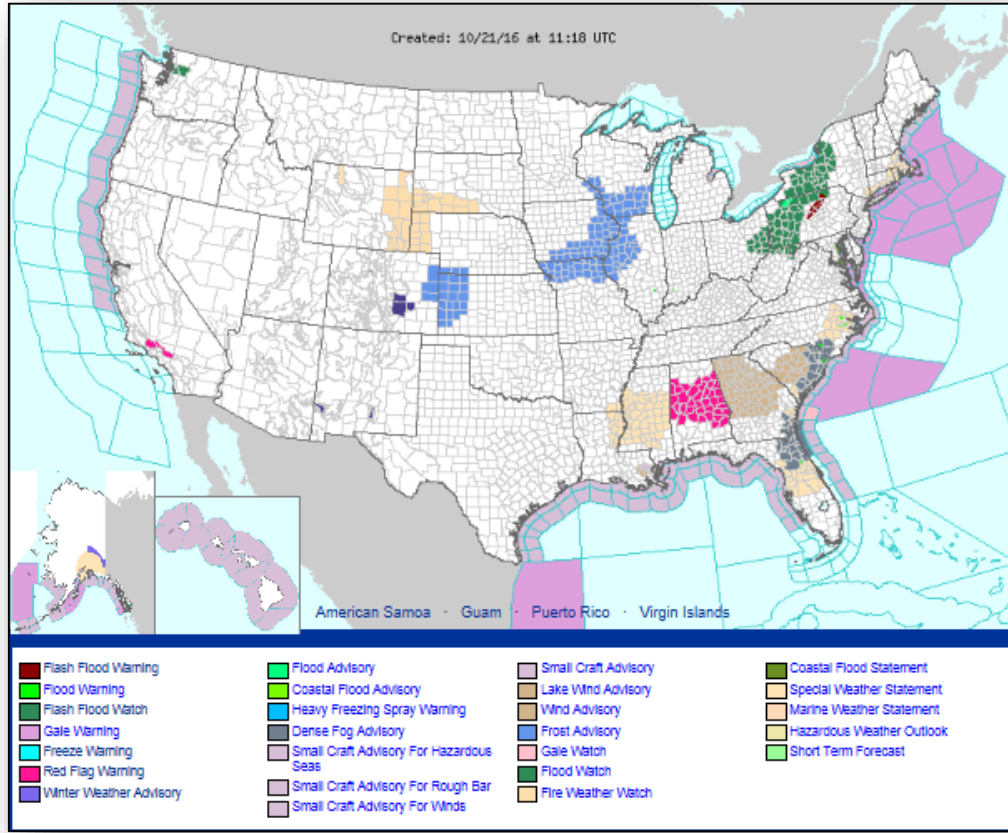
Weather Forecast for Sat, Oct 22, 2016, issued 4:51 AM EDT Fri, Oct 21, 2016
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Tomorrow

Active Watches and Warnings



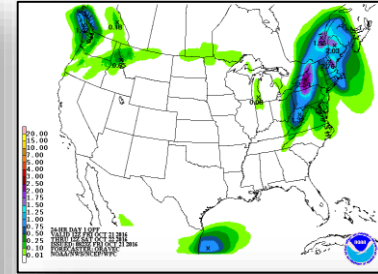
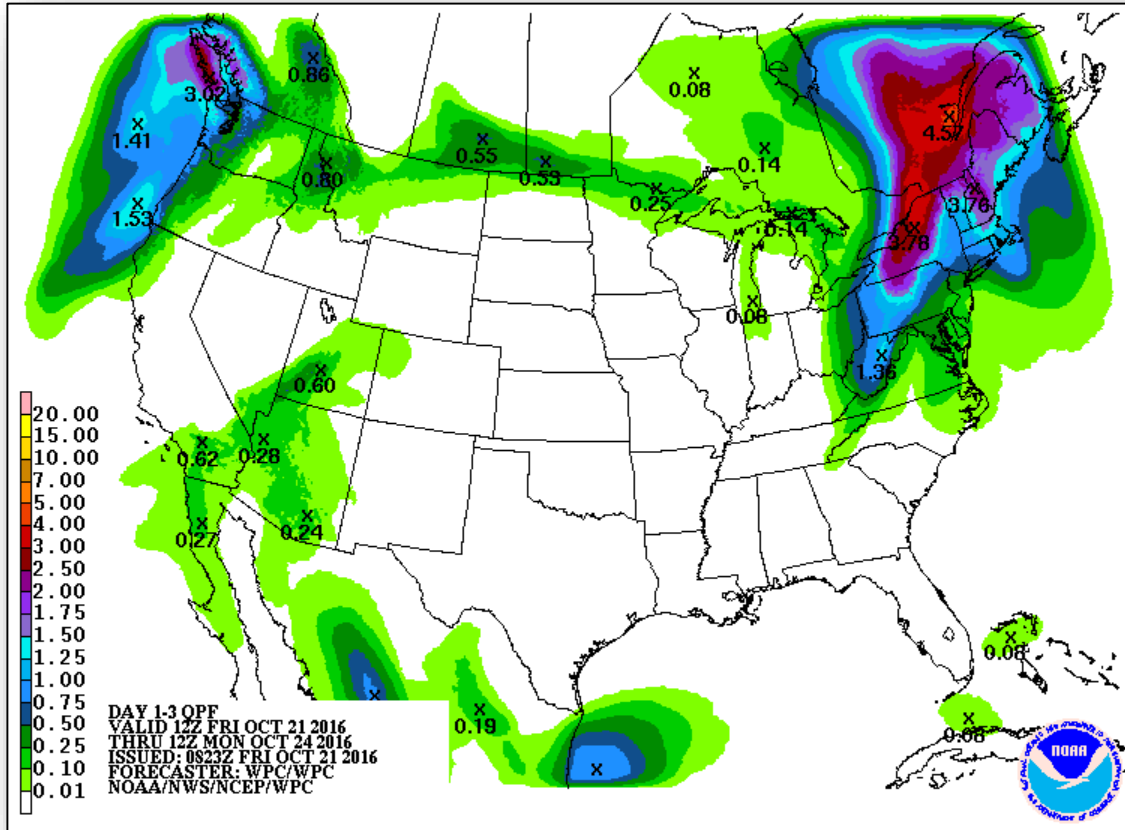
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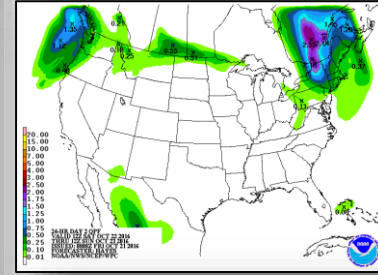
Precipitation Forecast – Days 1-3



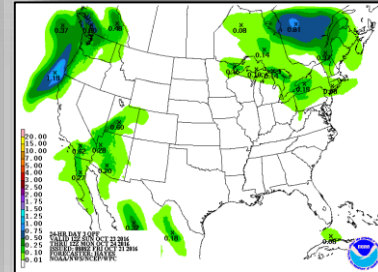
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Day 1

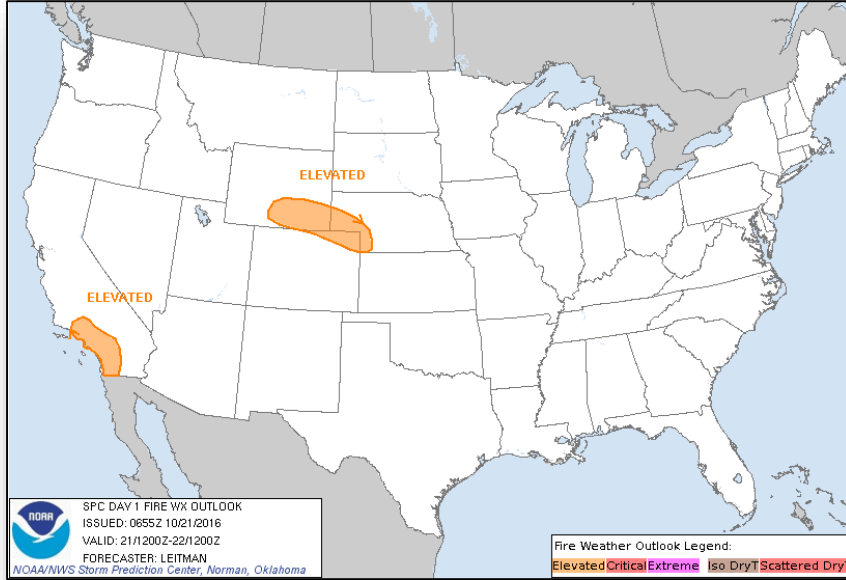


Day 2

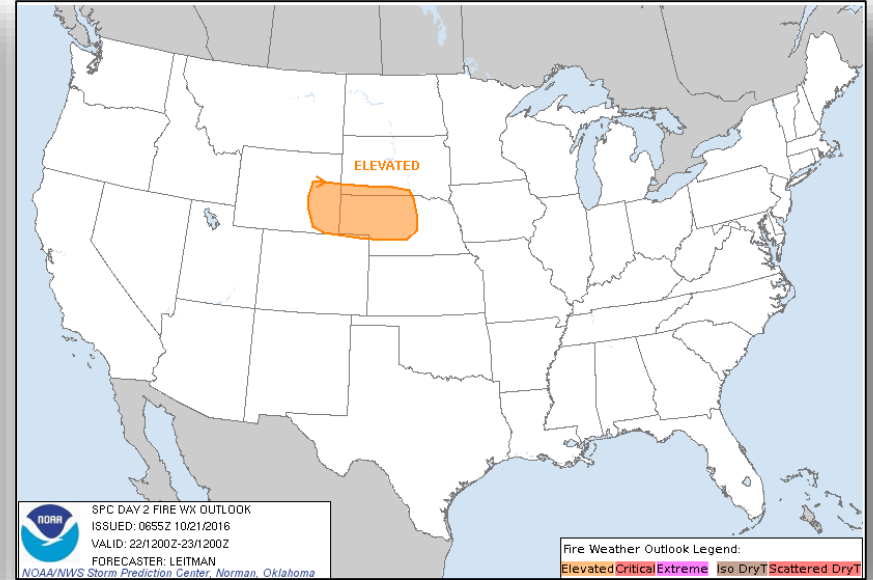


Day 3

Fire Weather Outlook



Day 1

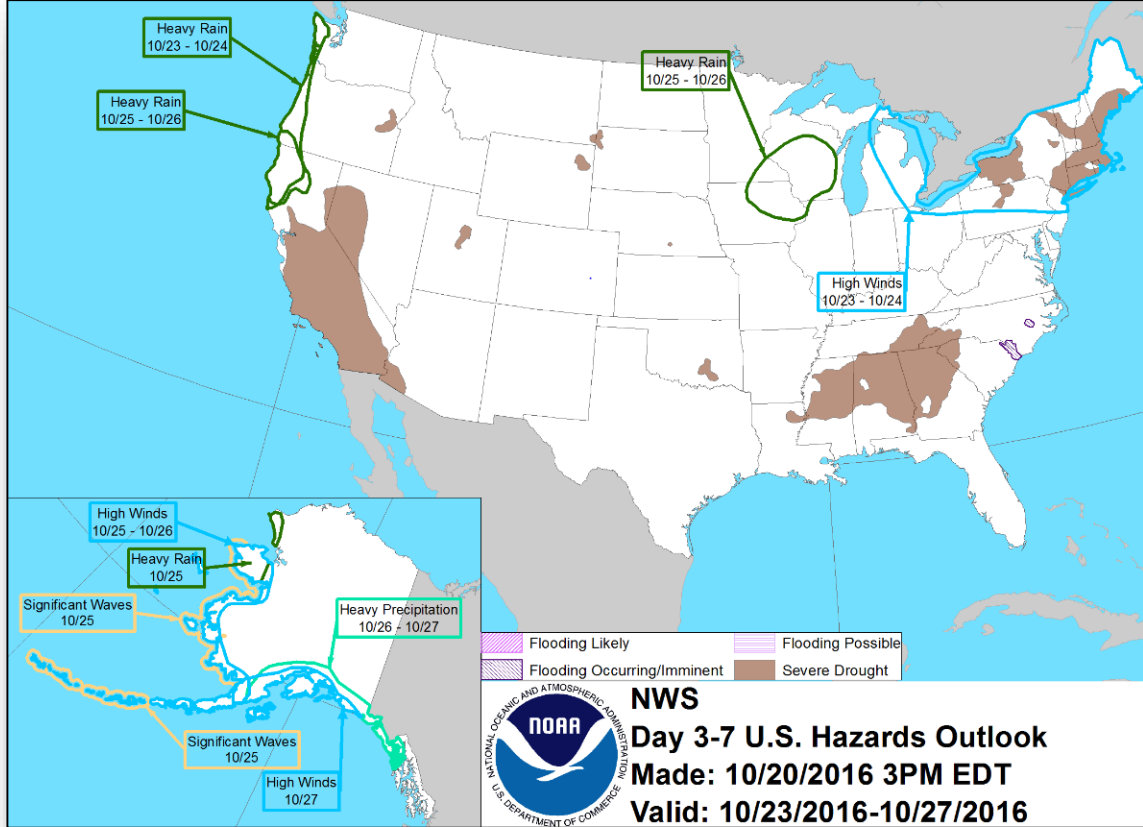


Day 2

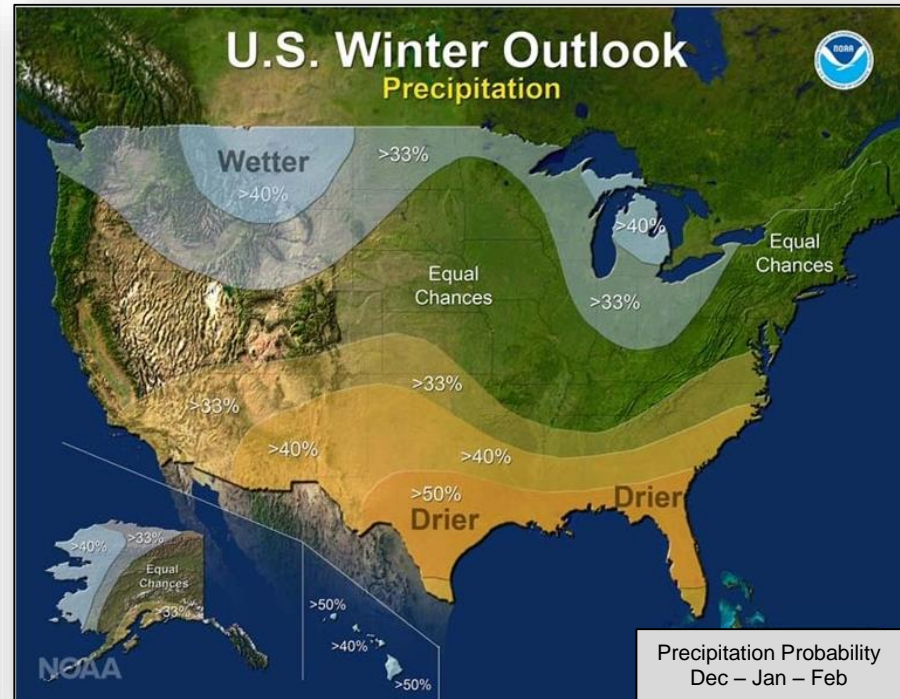
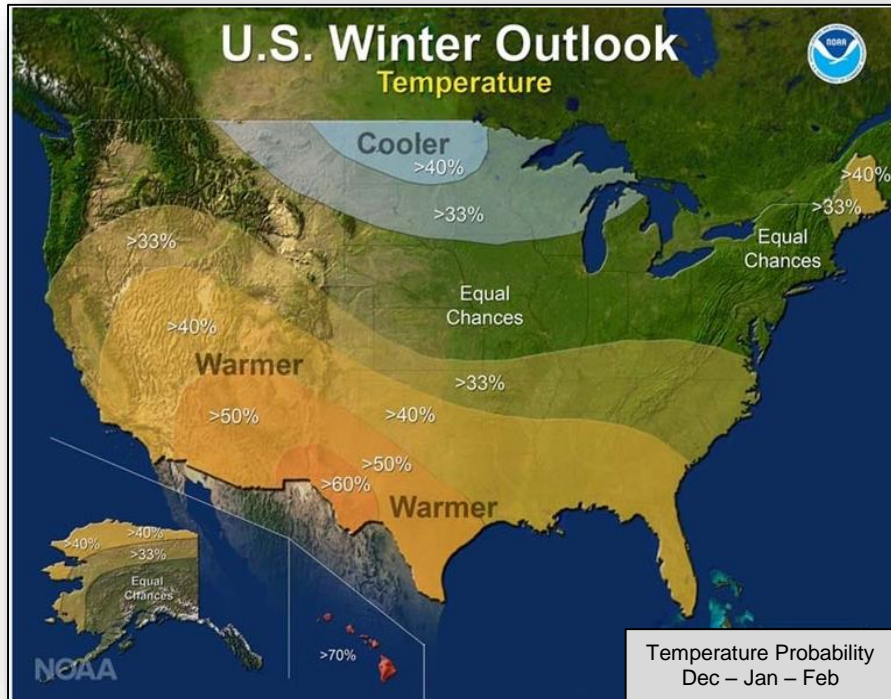
Hazards Outlook – Oct 23-27



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U.S. Winter Outlook



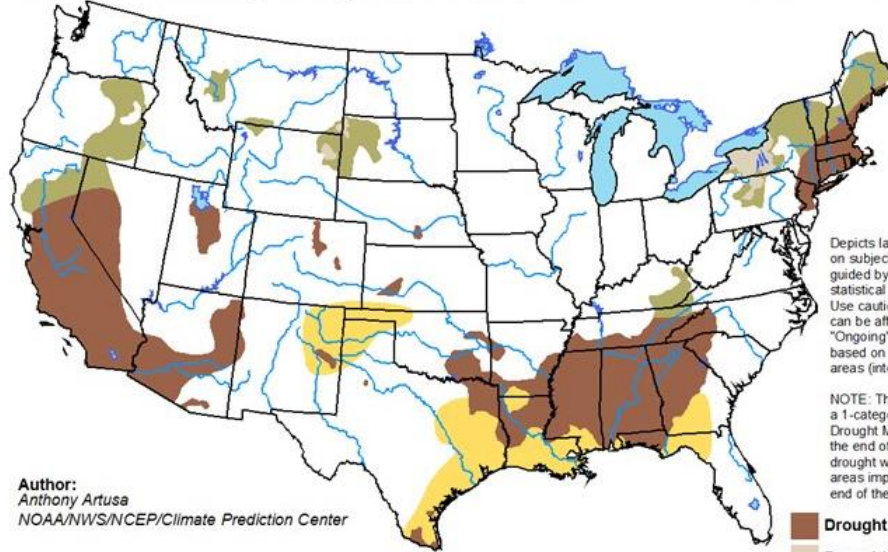
U.S. Seasonal Drought Outlook



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U.S. Seasonal Drought Outlook Drought Tendency During the Valid Period


Valid for October 20 - January 31, 2017
Released October 20, 2016

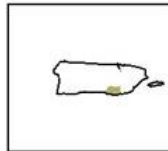
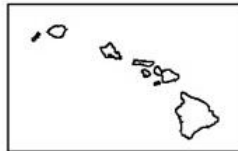


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

Author:
Anthony Artusa
NOAA/NWS/NCEP/Climate Prediction Center

-  Drought persists
-  Drought remains but improves
-  Drought removal likely
-  Drought development likely



<http://go.usa.gov/3eZ73>

U.S. Winter Outlook



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Temperature Outlook (December through February)

- Warmer than normal conditions are favored across the southern U.S., extending northward through the Central Rockies, in Hawaii, in western and northern Alaska, and in northern New England
- Cooler than normal conditions are favored for the northern tier of the U.S. from Montana to western Michigan
- For the remainder of the U.S. there isn't a strong enough climate signal to shift the odds in a particular direction; these areas have an equal chance for above, near, or below normal temperatures during the winter season

Precipitation Outlook (December through February)

- Wetter than normal conditions are favored across the Northern Rockies, around the Great Lakes, in Hawaii, and in western Alaska
- Drier than normal conditions are favored across the entire southern U.S. and southern Alaska
- For the remainder of the U.S. there isn't a strong enough climate signal to shift the odds in a particular direction; these areas have an equal chance for above, near, or below normal precipitation during the winter season

Drought Outlook (Valid through January 2016)

- Drought will likely persist this winter across the Desert Southwest, including much of California, and parts of eastern New England
- Drought is expected to develop or expand across the Southeast U.S. and the southern Great Plains
- Drought improvement is anticipated in northern California, the Northern Rockies, and northern Great Plains, parts of the Ohio Valley, and the western New England states

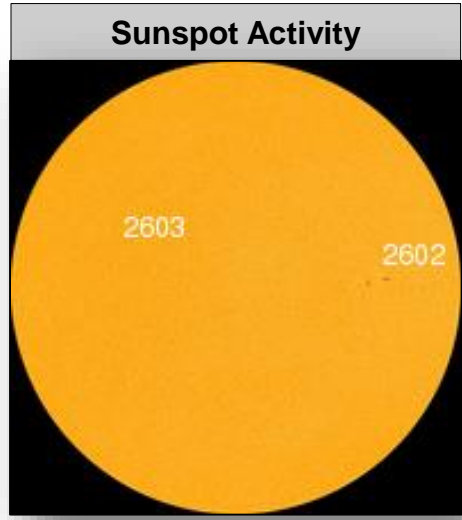
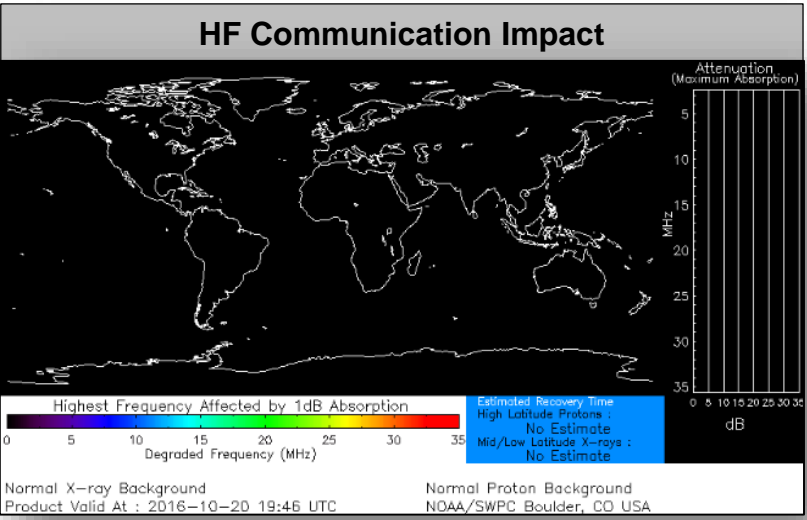
Space Weather



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	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	None	None	None	None
Next 24 Hours	None	None	None	None

For further information on NOAA Space Weather Scales refer to <http://www.swpc.noaa.gov/noaa-scales-explanation>



Wildfire Summary



FEMA

Fire Name (Counties)	FMAG # (Approved Date)	Acres burned	Percentage Contained	Evacuations (Residents)	Structures			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
Colorado (1)								
Junkins Fire (Custer & Pueblo)	FEMA-5157-FM-CO Approved Oct 17	17,809 (+977)	33% (+33)	Mandatory	745 (360 homes)	0	11 (5 homes)	0 / 0

Joint Preliminary Damage Assessments



FEMA

Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Completed	
III	VA	Hurricane Matthew October 4, 2016 – Continuing	IA	9	9	10/14 – 10/19
			PA	10 (+2)	4	10/14 – TBD
	DE	Severe Storms and Flooding September 30, 2016	IA	0	0	N/A
			PA	1	0	10/20 – TBD

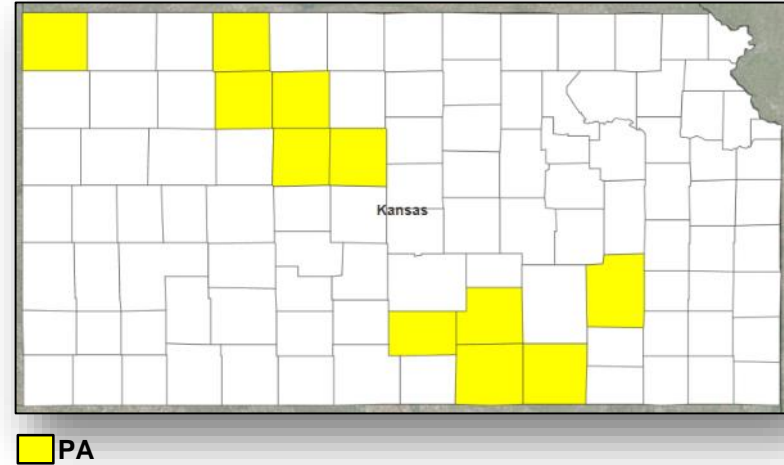
Major Disaster Declaration Approved – KS



FEMA

FEMA-4287-DR-KS

- Major Disaster Declaration approved on October 20, 2016 for the State of Kansas
- For severe storms and flooding during the period of September 2-12, 2016
- Provides:
 - Public Assistance for 11 counties
 - Hazard Mitigation statewide
- FCO is Christian M. Van Alstyne



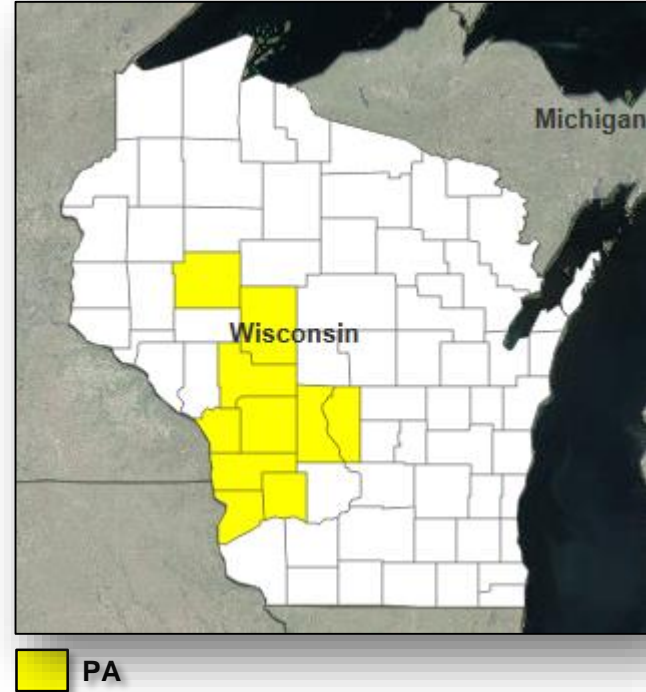
Major Disaster Declaration Approved – WI



FEMA

FEMA-4288-DR-WI

- Major Disaster Declaration approved on October 20, 2016, for the State of Wisconsin
- For severe storms, flooding and mudslides during the period of September 21-22, 2016
- Provides:
 - Public Assistance for 10 counties
 - Hazard Mitigation statewide
- FCO is Benigno Bern Ruiz



Disaster Requests & Declarations



Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
3	Date Requested	2	0
KS – DR Severe Storms and Flooding	October 10, 2016	Approved October 20, 2016	
WI – DR Severe Storms, Flooding, and Mudslides	October 11, 2016	Approved October 20, 2016	
Bad River Band Tribe – DR (Appeal) Severe Storms and Flooding	October 15, 2016		
Spokane Tribe – DR Cayuse Mountain Wildfire	October 18, 2016		
MN – DR Severe Storms and Flooding	October 19, 2016		

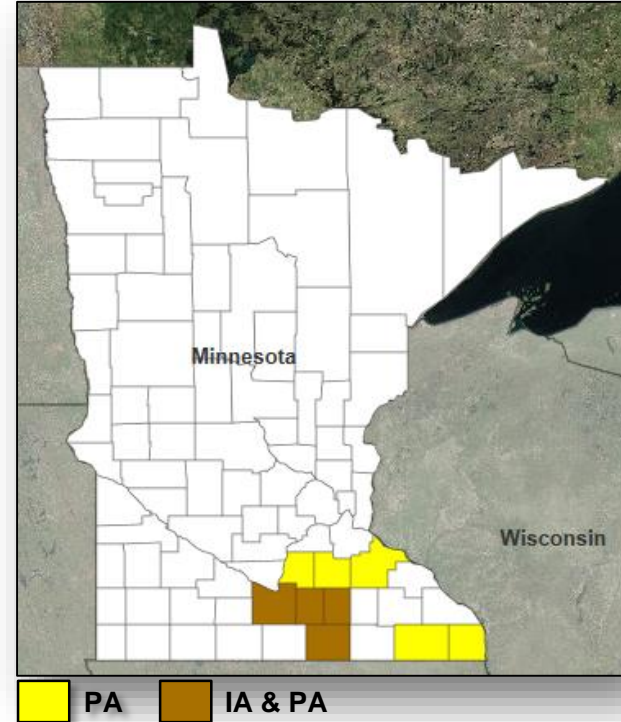
Major Disaster Declaration Request – MN



FEMA

October 19, 2016

- Request for Major Disaster Declaration for State of Minnesota
- For severe storms and flooding during the period of September 21-24, 2016
- Requesting:
 - Public Assistance for 5 counties
 - Individual Assistance and Public Assistance for 4 counties
 - Hazard mitigation statewide

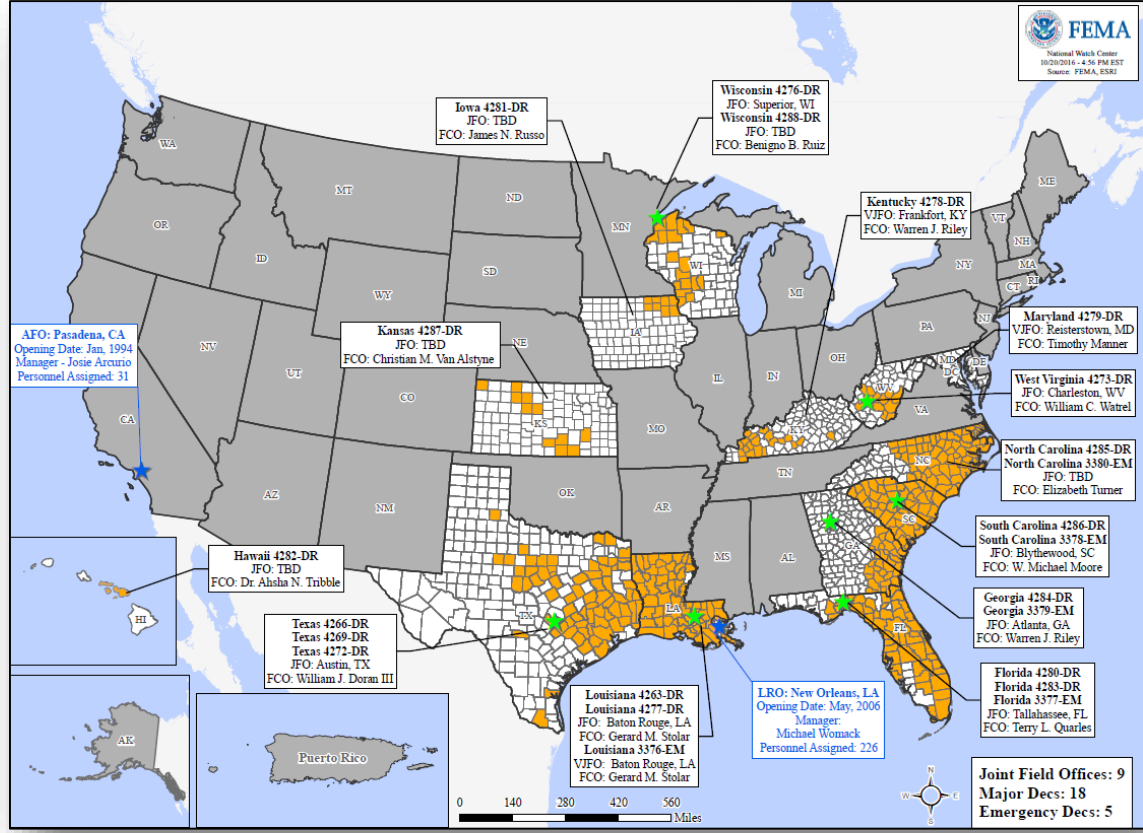


Disaster Amendments



Amendment	Effective Date	Action
Amendment No. 3 to FEMA-4284-DR-GA	October 20, 2016	<ul style="list-style-type: none">• Adds 9 counties for PA, including direct federal assistance• Adds 7 counties for PA [Cat C-G] (already designated for IA and assistance for debris removal and emergency protective measures [Cat A and B], including direct federal assistance)• Adds 3 counties for PA [Cat C-G] (already designated for assistance for debris removal and emergency protective measures [Cat A and B], including direct federal assistance)

Open Field Offices



Readiness – Deployable Teams and Assets



Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criteria
FCO		35	3	11%	0	6	26		OFDC Readiness: FCO Green Yellow Red Type 1 3+ 2 1 Type 2 4+ 3 2 Type 3 4+ 3 2 FDRC 3 2 1
FDRC		10	2	20%	0	2	6		
US&R		28	28	100%	0	0	0		<ul style="list-style-type: none"> • Green = Available / FMC • Yellow = Available / PMC • Red = Out-of-Service • Blue = Assigned / Deployed
National IMAT		3	0	0%	0	0	3	<u>Deployed:</u> East 1 to NC (DR-4285) East 2 to LA (DR-4277) West to FL (DR-4283)	<ul style="list-style-type: none"> • Green: 3 available • Yellow: 1-2 available • Red: 0 avail (<i>Individual N-IMAT red if 50% of Section Chiefs and / or Team Leader is unavailable for deployment.</i>)
Regional IMAT		13	3	23%	0	0	10	<u>Deployed:</u> Region I & IV-1 to NC (DR-4285) Region IV-2 to FL (DR-4283) Region V & IX-2 to SC (DR-4286) Region VI-2, Region VIII & Region X to LA (DR-4277) Region VII to IA (DR-4281) Region IX-1 to HI (DR-4282)	<ul style="list-style-type: none"> • Green: >6 teams available • Yellow: 4 - 6 teams available • Red: < 4 teams available R-IMAT also red if TL Ops / Log Chief is unavailable & has no qualified replacement
MERS		18	14	78%	0	0	4	<u>Deployed:</u> 4283-DR-FL: Tallahassee, FL 4284-DR-GA: Thomasville & Savannah, GA 4285-DR-NC: Durham & Raleigh, NC and Emporia, VA 4286-DR-SC: Blythewood, SC	<ul style="list-style-type: none"> • Green = >66% available • Yellow = 33% to 66% available • Red = <33% available

Readiness – National and Regional Teams



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Resource	Status	Total	FMC Available		Partially Available	Not Available	Status	Comments	Rating Criteria
NWC		5	5	100%	0	0	Not Activated		<ul style="list-style-type: none"> • Green = FMC • Yellow = PMC • Red = NMC
NRCC		2	2	100%	0	0	Not Activated		
HLT		1	1	100%	0	0	Activated		
RRCCs		10	10	100%	0	0	Not Activated	Region IV deactivated at 4:00 pm EDT on Oct 20	
RWCs/MOCs		10	10	100%	0	0	Watch/Steady State	Region IV returned to Watch/Steady State at 4:00 pm EDT on Oct 20	



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FEMA's mission is to support our citizens and first responders to ensure that as a nation we work together to build, sustain, and improve our capability to prepare for, protect against, respond to, recover from, and mitigate all hazards.