

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.



FEMA

Daily Operations Briefing

Thursday, October 12, 2017

8:30 a.m. EDT

Significant Activity – Oct 11-12



Significant Events:

- Hurricane Response & Recovery – Harvey, Irma, Maria; CA Wildfires

Tropical Activity:

- Atlantic – Hurricane Ophelia
- Eastern Pacific – Disturbance 1
- Central Pacific – No tropical cyclones expected next 5 days
- Western Pacific – No activity affecting U.S. interests

Significant Weather:

- Elevated Fire weather conditions – CA
- Red Flag Warnings – CA
- Space Weather:
 - Past 24-hours: Minor; Geomagnetic storms reaching G1 level occurred
 - Next 24-hours: Minor; Geomagnetic storms reaching G1 level expected

Earthquake Activity: No significant activity

Declaration Activity:

- Amendment No. 5 to FEMA-4338-DR-GA
- Amendment No. 10 to FEMA-4332-DR-TX
- Amendment No. 12 to FEMA-4337-DR-FL

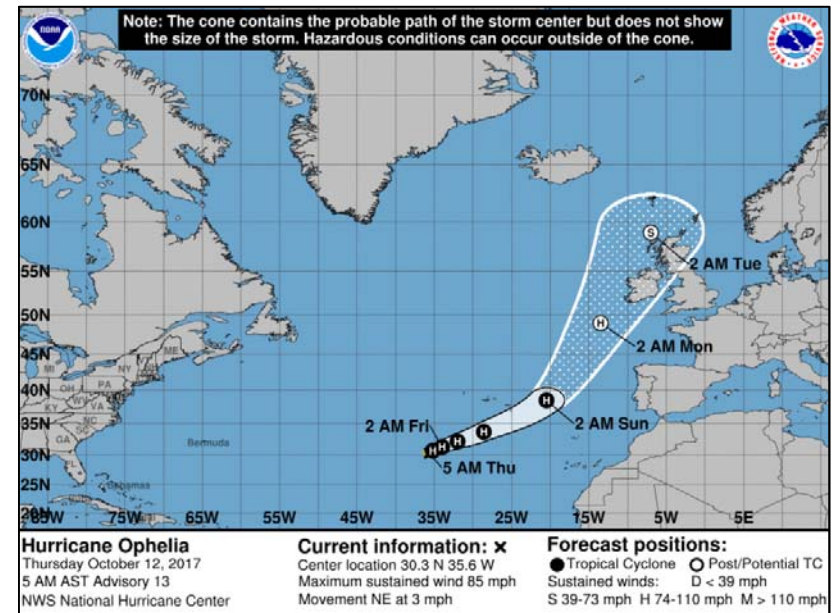
Tropical Outlook – Atlantic



FEMA

Hurricane Ophelia (Advisory #13 as of 5:00 a.m. EDT)

- Located 725 miles SW of the Azores
- Moving E at 3 mph
- Maximum winds 85 mph
- Some slight strengthening possible over the next day or two

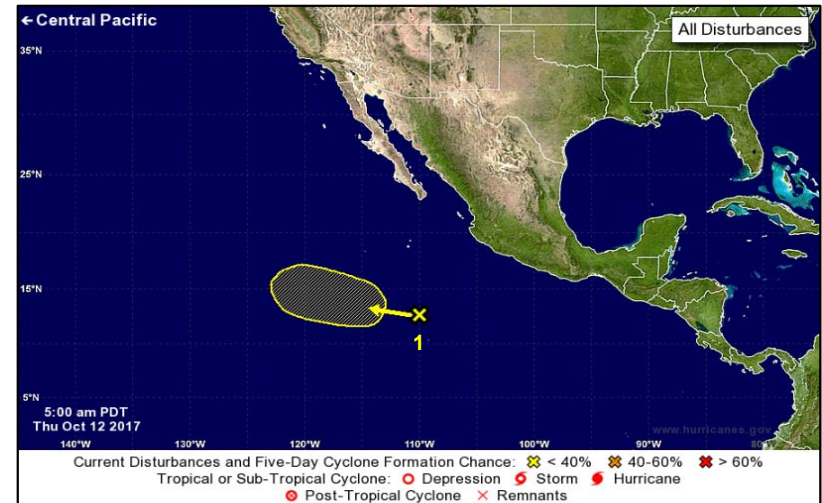


Tropical Outlook – Eastern Pacific



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

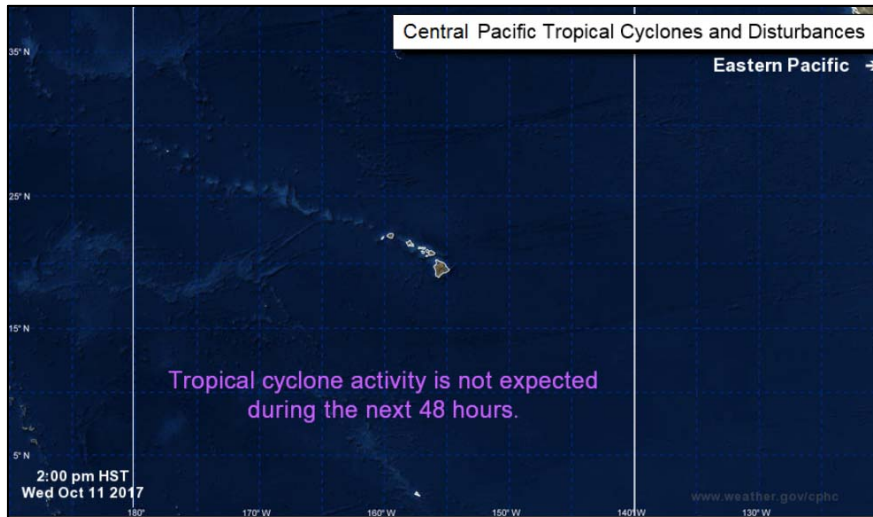
- Located 700 miles south of the southern tip of the Baja California Peninsula
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (20%)



Tropical Outlook – Central Pacific



FEMA



Next 48 hours



Next 5 days

Hurricane Update – Caribbean



Current Situation

Life safety and life sustainment efforts in PR and USVI ongoing. [Passing showers possible for eastern PR and USVI.](#) [Flash Flood Watch remains in effect for PR through this evening.](#)

Impacts

Population:

- Shelters: [107 \(-1\)](#) open with [5,602 \(-140\)](#) occupants in PR; 5 open with [339](#) occupants in USVI
- Disaster Assistance Registrations: 370k in PR; 9k in USVI

Communications:

- PR: [22%](#) of cell towers operational; [64% of the Puerto Rico population live in areas where wireless coverage is available for voice and text messages](#)
- USVI: [45%](#) of cell towers operational (St. Thomas: [50%](#); St. John: no cell sites operational; St. Croix: [48%](#)); [St. John being serviced by temporary Wi-Fi hot spots and personal MiFi devices](#)

Power:

- Restoration: PR: [10.6%](#) have electricity; [PREPA is reporting that the failure of tie line that caused the generation plant to go down October 10 has been repaired](#); USVI: 14.4% St. Thomas; 0% St. John; 12% St. Croix on power grid; 90% of the USVI to be restored by late December

- Generators: PR: [70](#) installed; [135](#) available; 365 en route; USVI: [55](#) generators installed, [50](#) available; [39](#) en route

Health and Medical:

- PR: 65 out of 67 hospitals open; 36 hospitals connected to power grid, 29 on generator power; [USNS Comfort is en route to Arecibo and is subsequently scheduled to move to Aguadilla](#)
- USVI: [USVI Department of Health \(DOH\) is without power; public health clinic co-located at the DOH is closed and vaccine supply located at the facility affected; ESF-8 working with DOH to assess damage to vaccine supply.](#) St. Croix: Charles Harwood Hospital and Governor Juan Luis Hospital damaged; partially open; St. Thomas: Schneider Medical Center damaged; established mobile medical facility

FEMA Response

- NRCC: Level I (day shift), Enhanced Watch (night shift)
- National IMAT East-2: Deployed to PR
- FEMA Region II & X IMATs: Deployed to USVI
- FEMA Region III IMAT: Deployed to PR
- MERS teams deployed to both USVI & PR

California Wildfires



FEMA

Current Situation

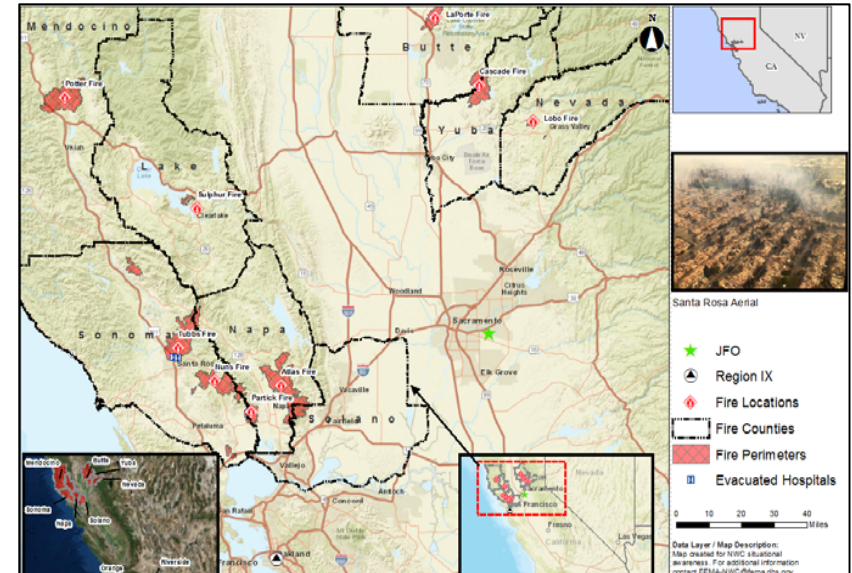
18 large fires burning (FMAGs issued for 10) across 150k acres of state and private land.

Impacts:

- 24 confirmed fatalities (*CalOES law enforcement*)
- Approximately 106k people under Mandatory Evacuations
- 36,513 (+3,100) homes threatened; 94 (+44) damaged / 1,313 (+168) destroyed
- Within existing fire perimeters: Population 26,270, 2 mobile home parks, 12 schools, 10 emergency medical services, 10 fire stations, 5 NSS shelters, 13 nursing homes, 3 cell towers
- 50k customers without power and 36k without gas (*FEMA Reg IX*)

State/Local Response:

- Governor declared a state of emergency in Napa, Sonoma, Butte, Lake, Solano, Mendocino, Nevada, Orange, and Yuba counties
- CA EOC at Partial Activation
- 59 Red Cross and independent shelters open with 5,117 (+2.8k) occupants (*ESF-6 as of 3:30 a.m. EDT*)



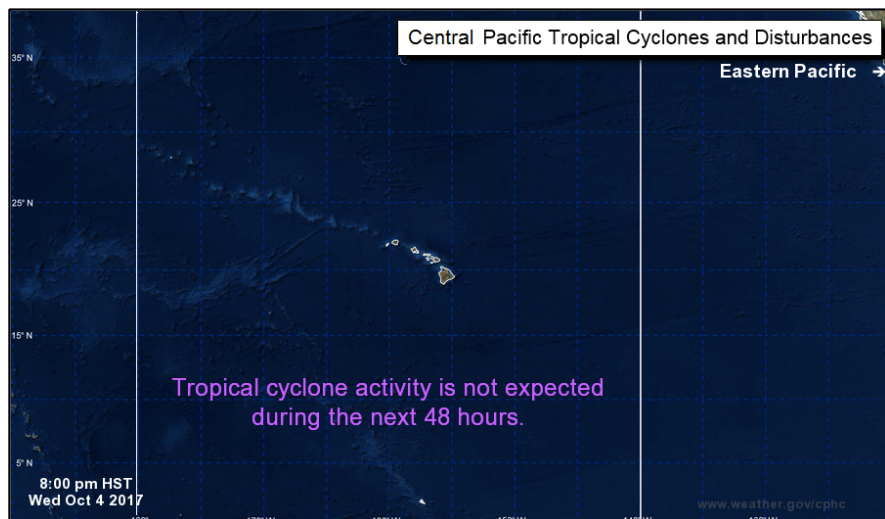
FEMA Response:

- DR-4344-CA and 10 FMAGs approved
- Region IX IMAT-1 & LNO deployed to CA EOC
- Staging Area established at Travis AFB

Tropical Outlook – Central Pacific



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Next 48 Hours



Next 5 days

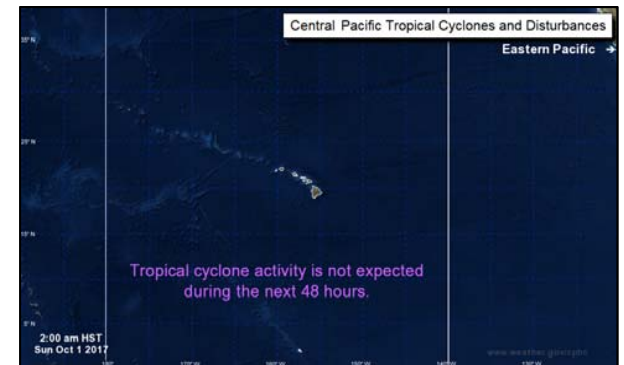
Tropical Outlook – 48-hour



Atlantic

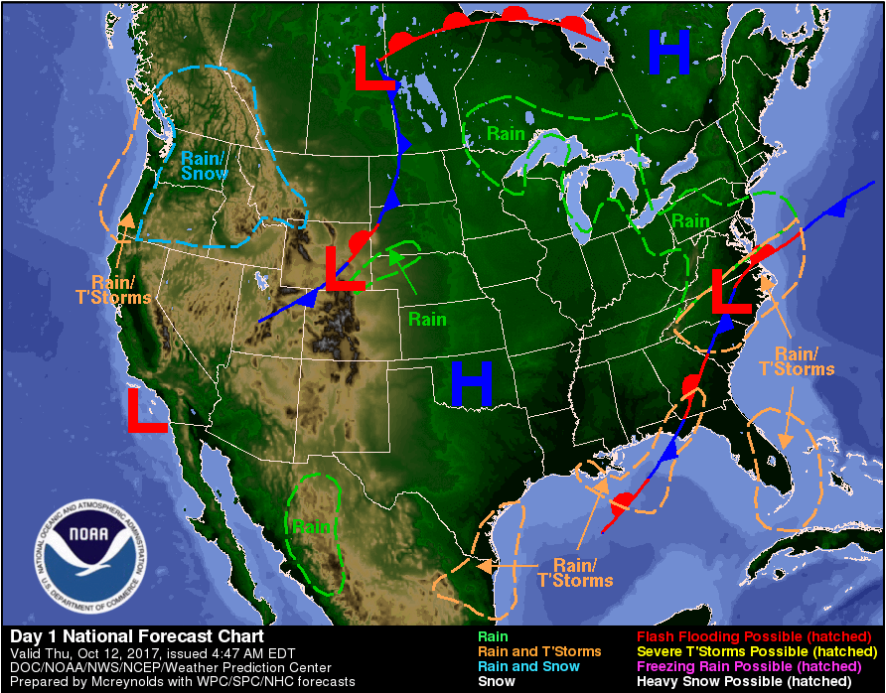


Eastern Pacific

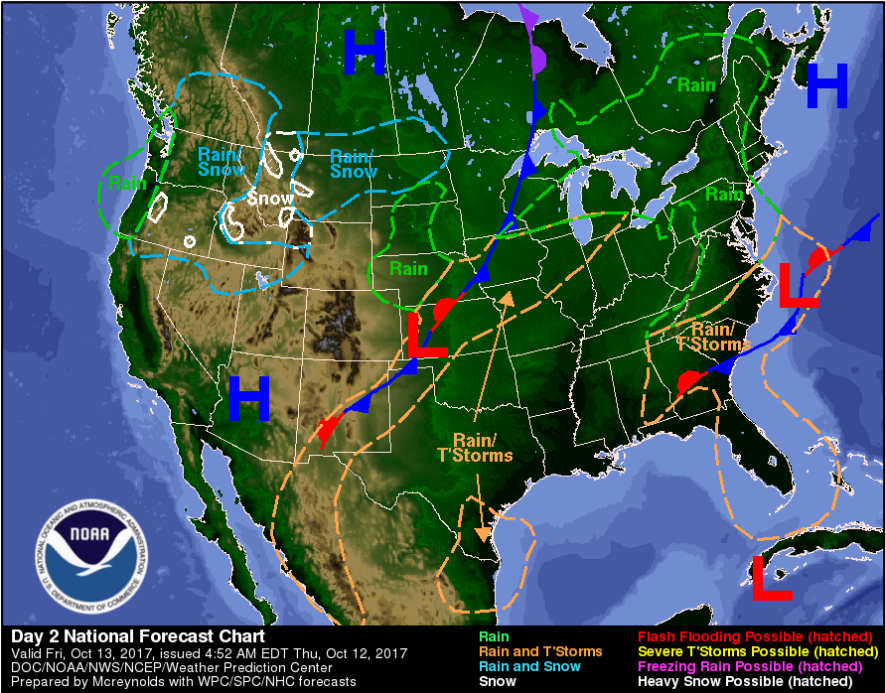


Central Pacific

National Weather Forecast



Today

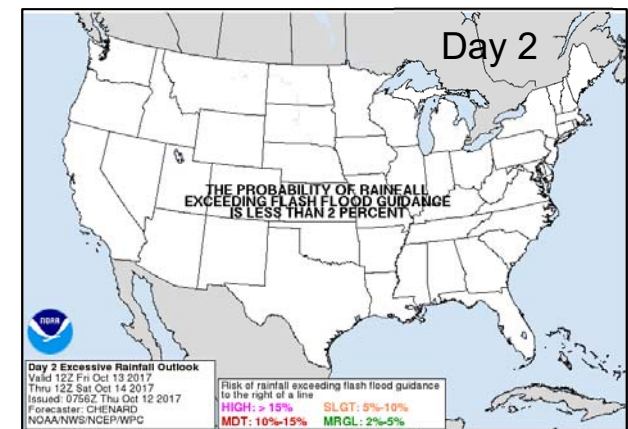
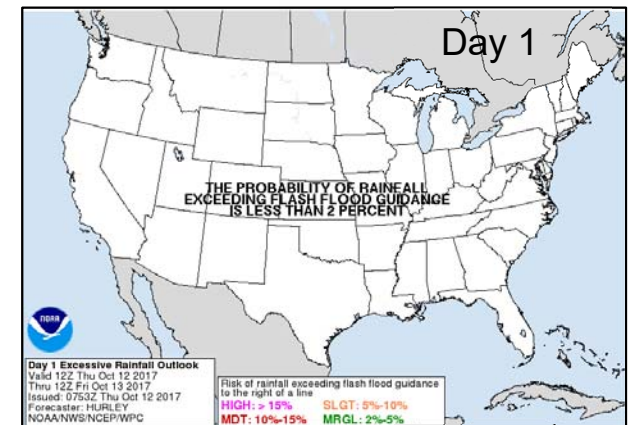
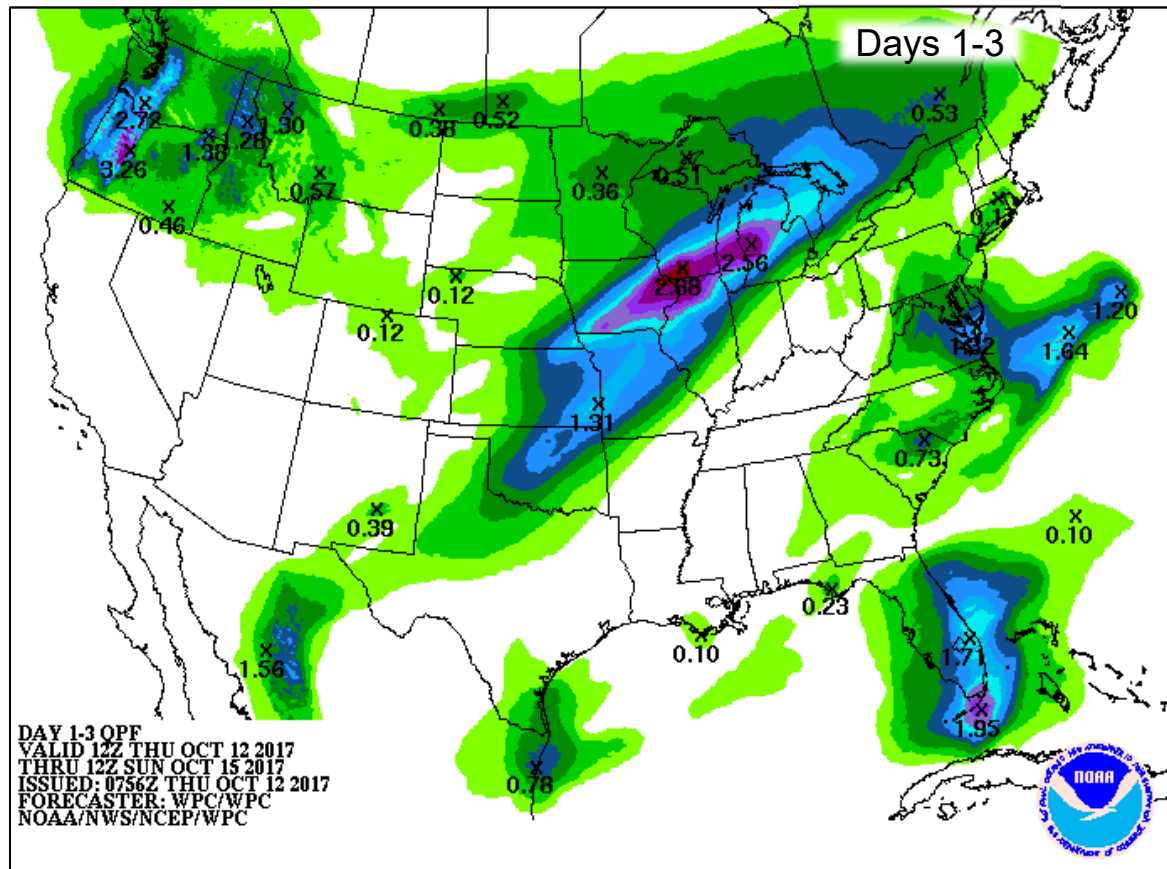


Tomorrow

Precipitation Forecast & Flash Flood Risk



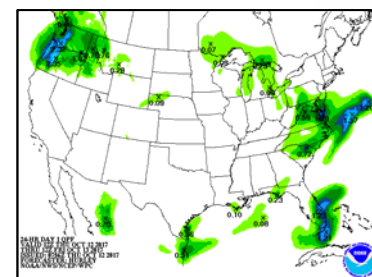
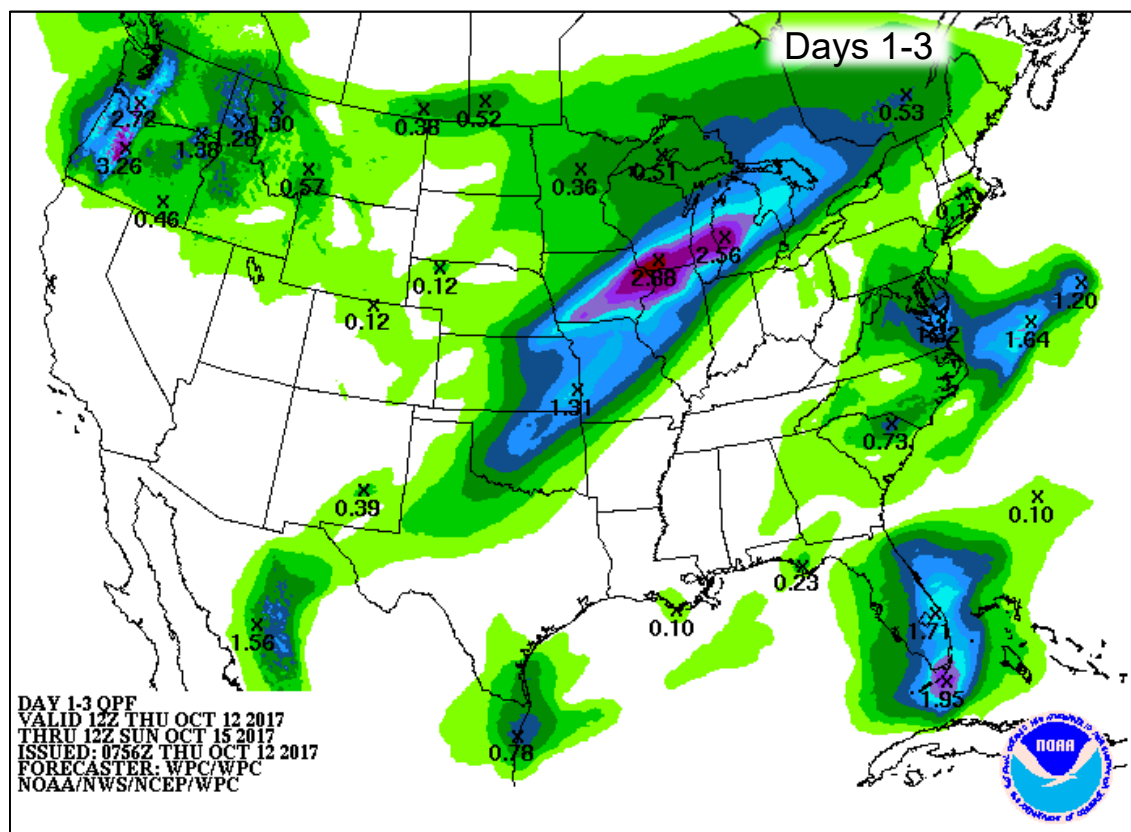
FEMA



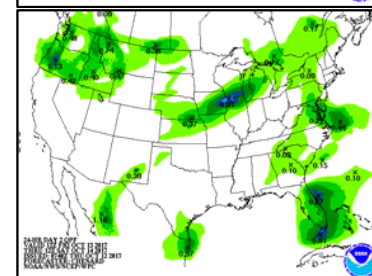
Precipitation Forecast



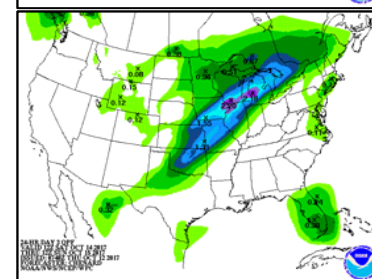
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Day 1



Day 2

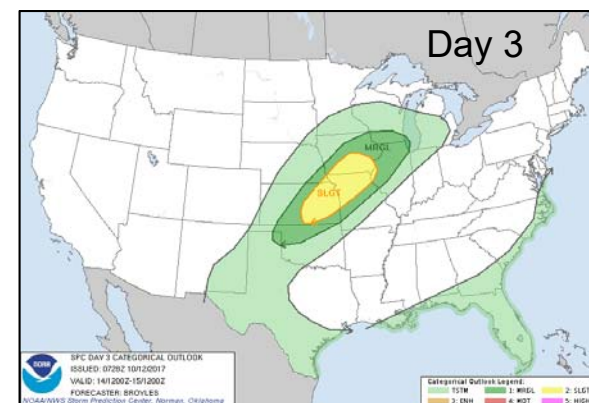
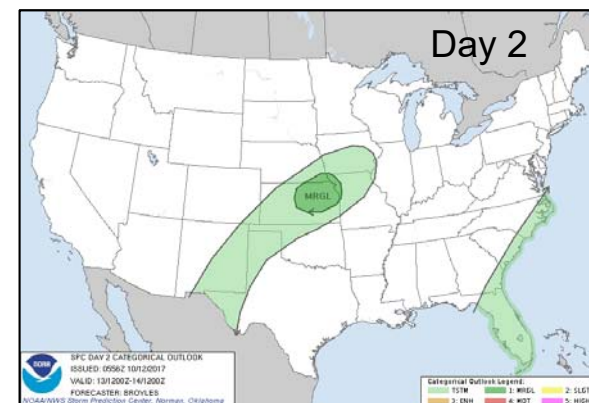
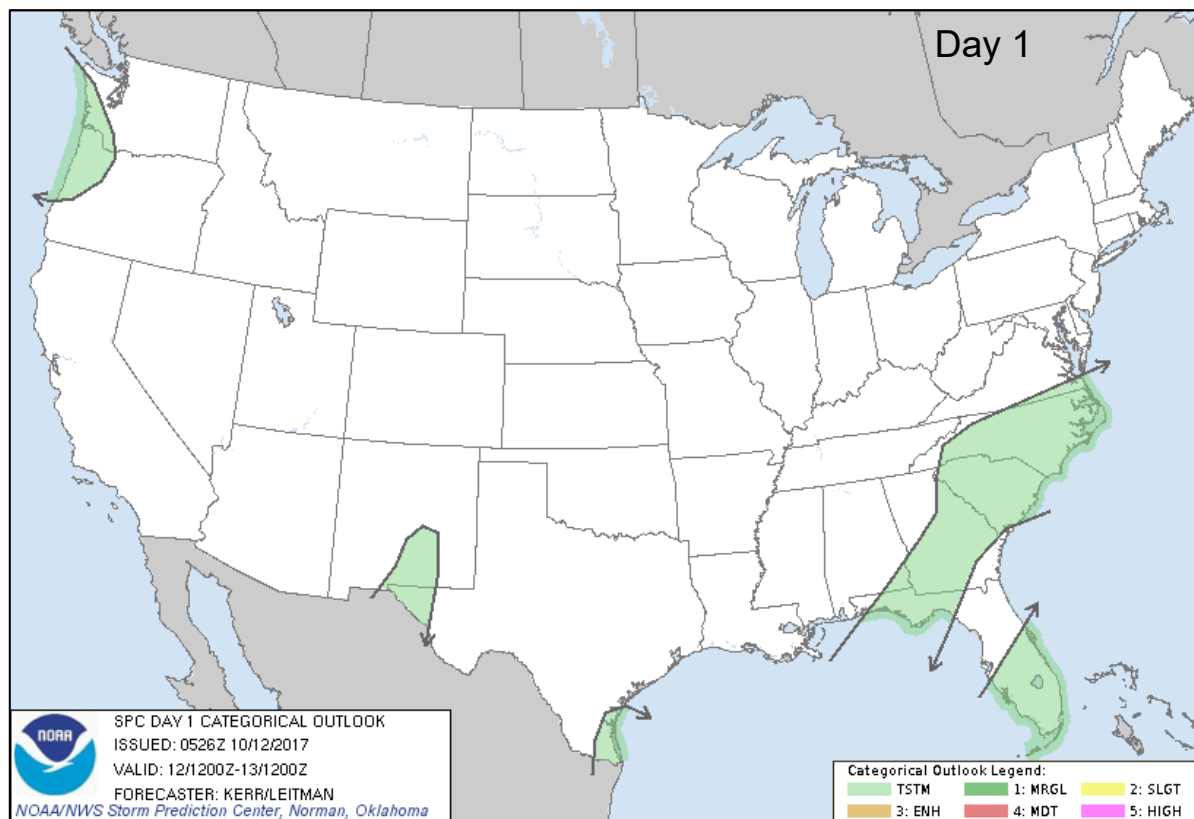


Day 3

Severe Weather Outlook – Days 1-3



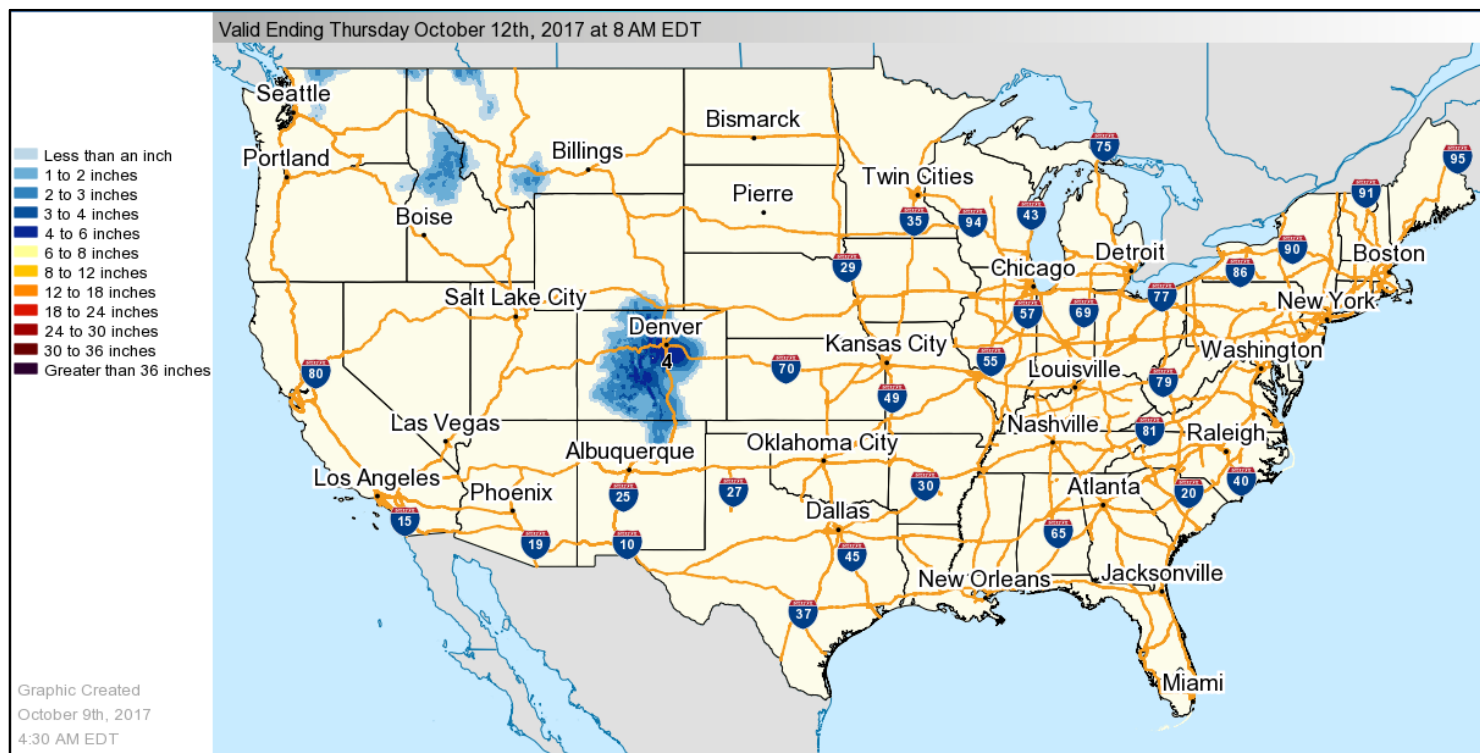
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Forecast Snowfall



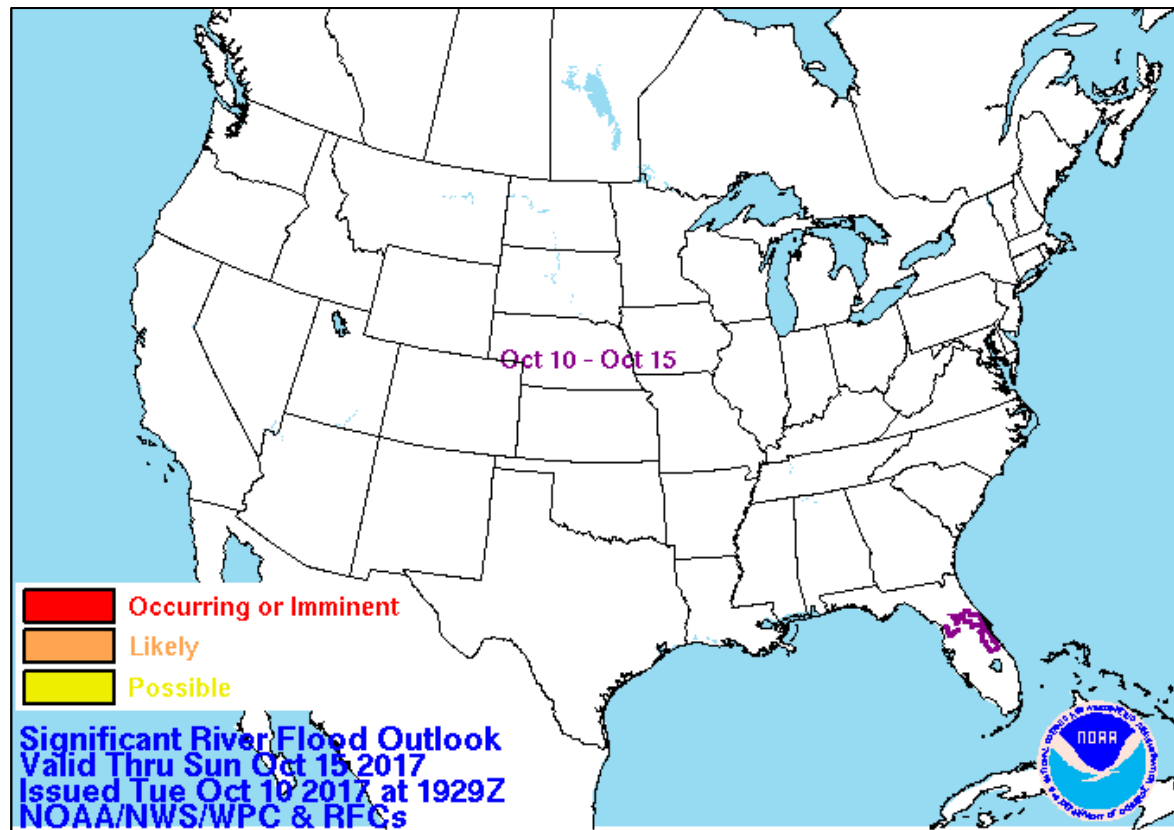
FEMA



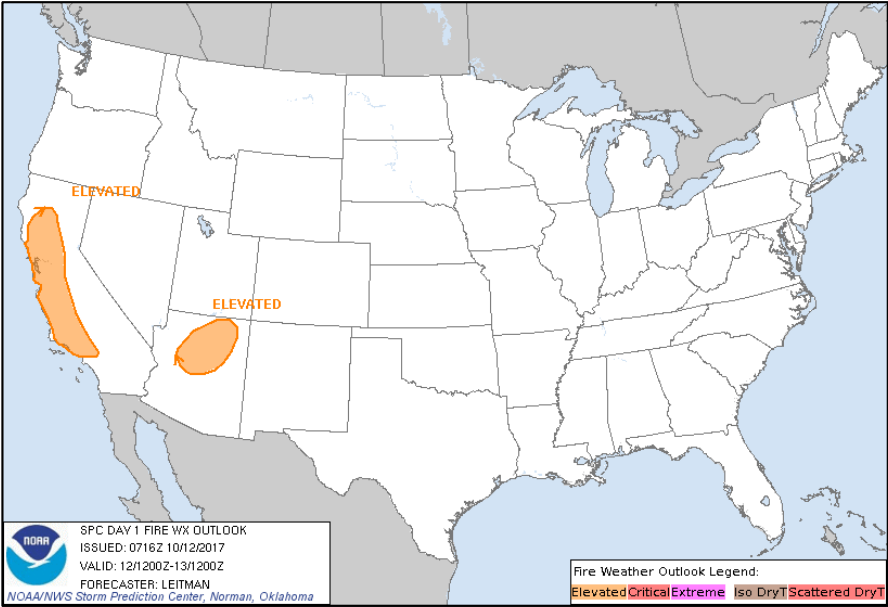
National River Flood Outlook



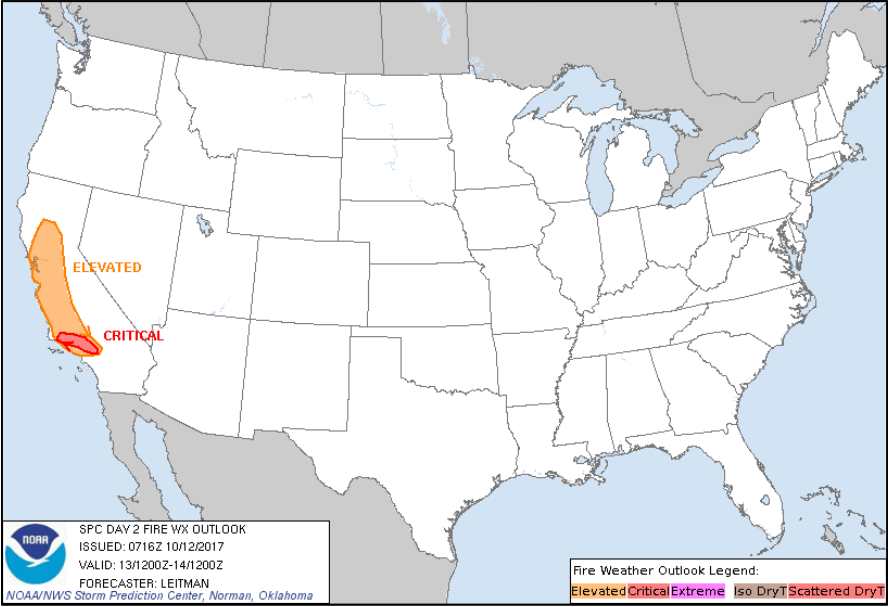
FEMA



Fire Weather Outlook



Today

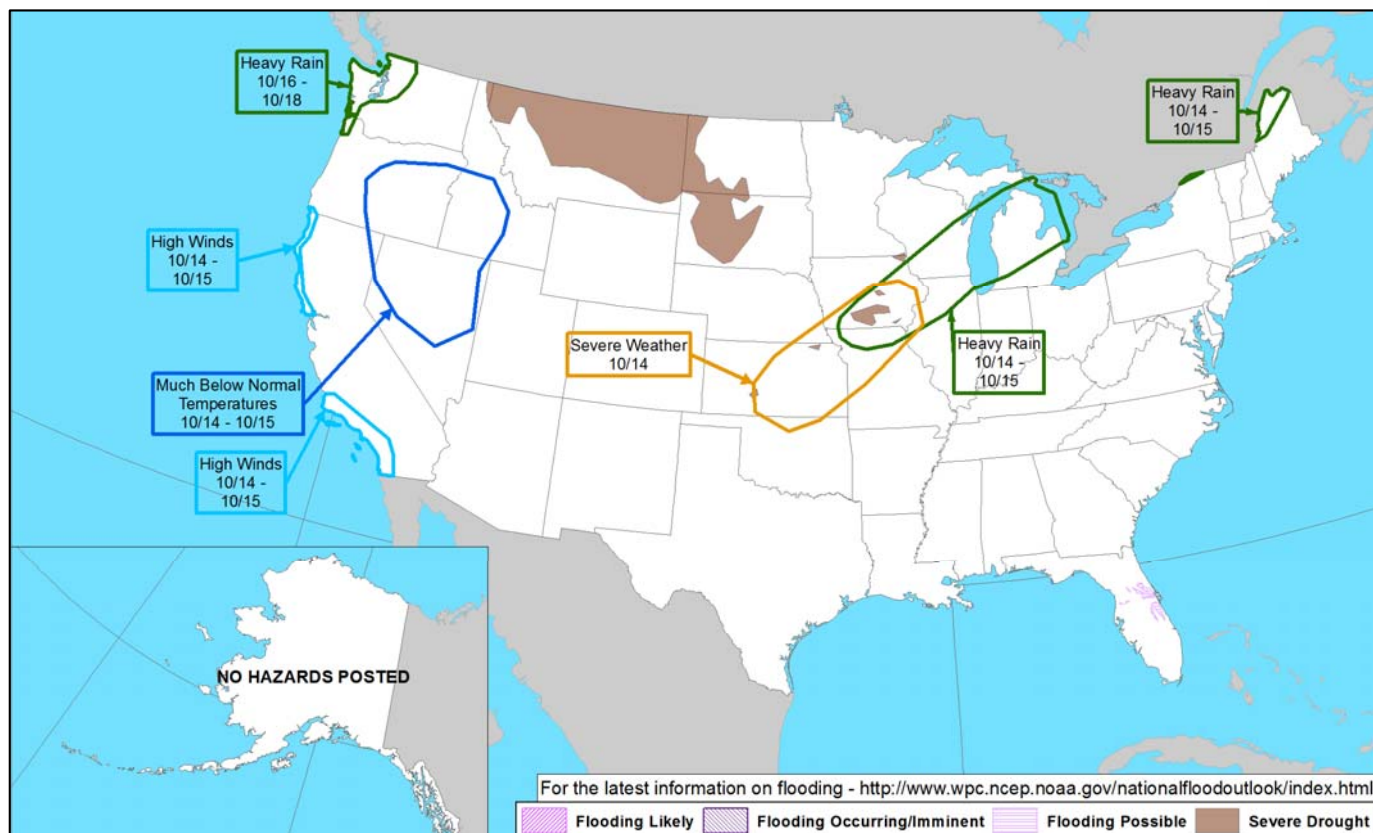


Tomorrow

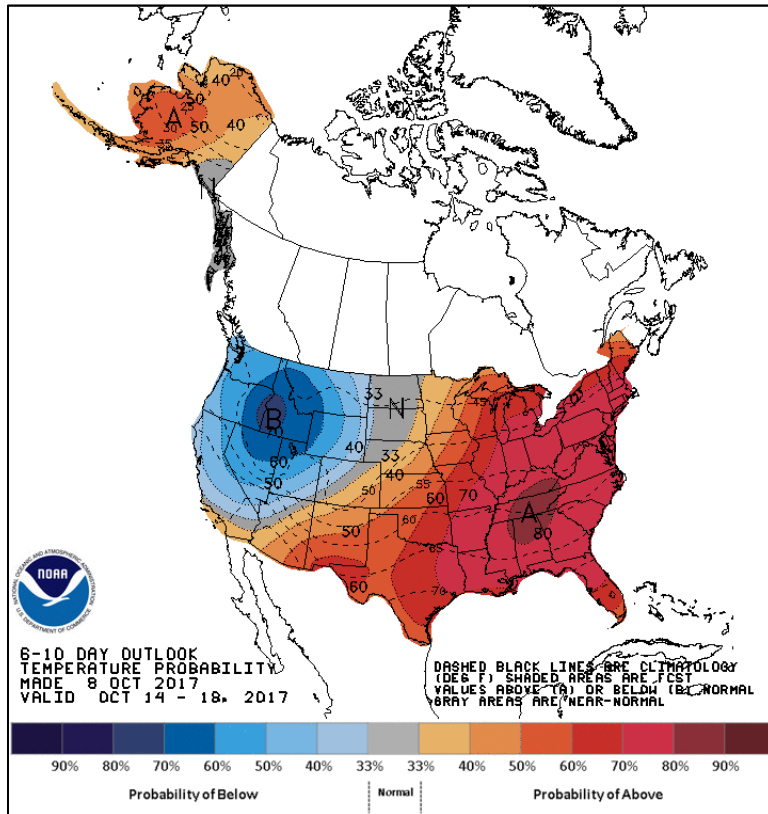
Hazards Outlook – Oct 14-18



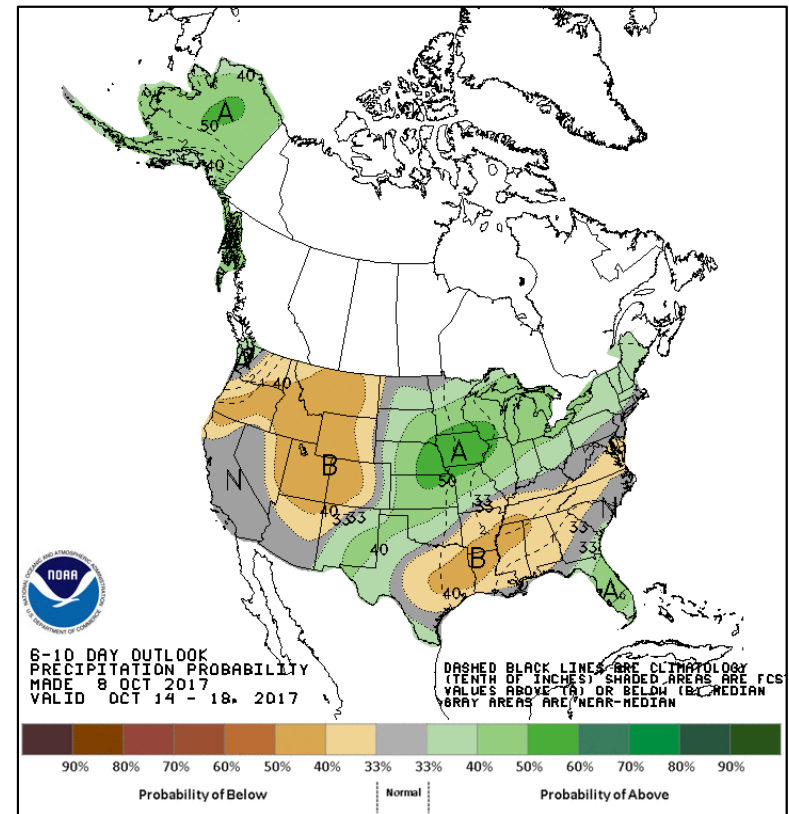
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6-10 Day Outlooks



6-10 Day Temperature Probability

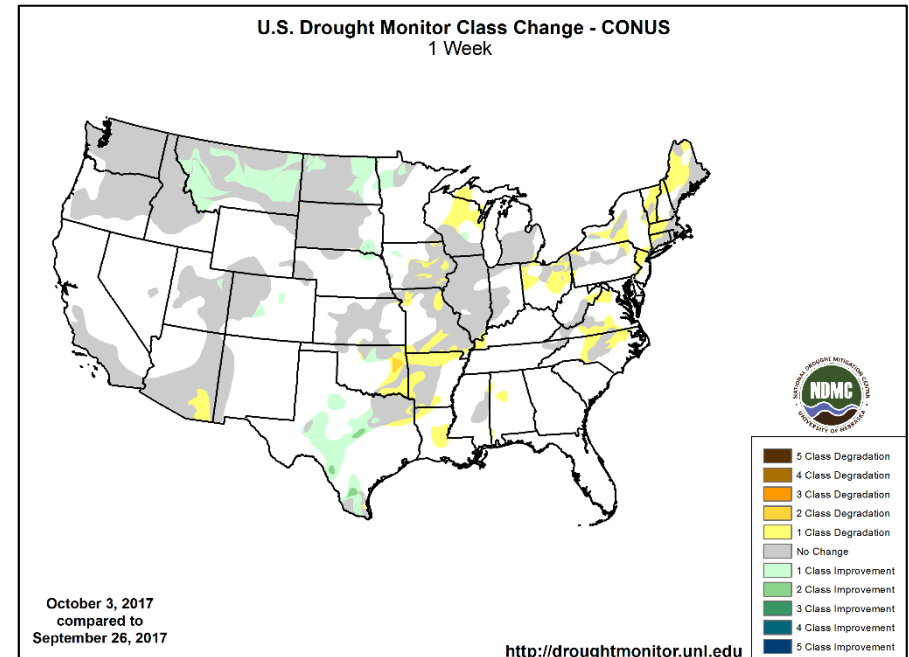
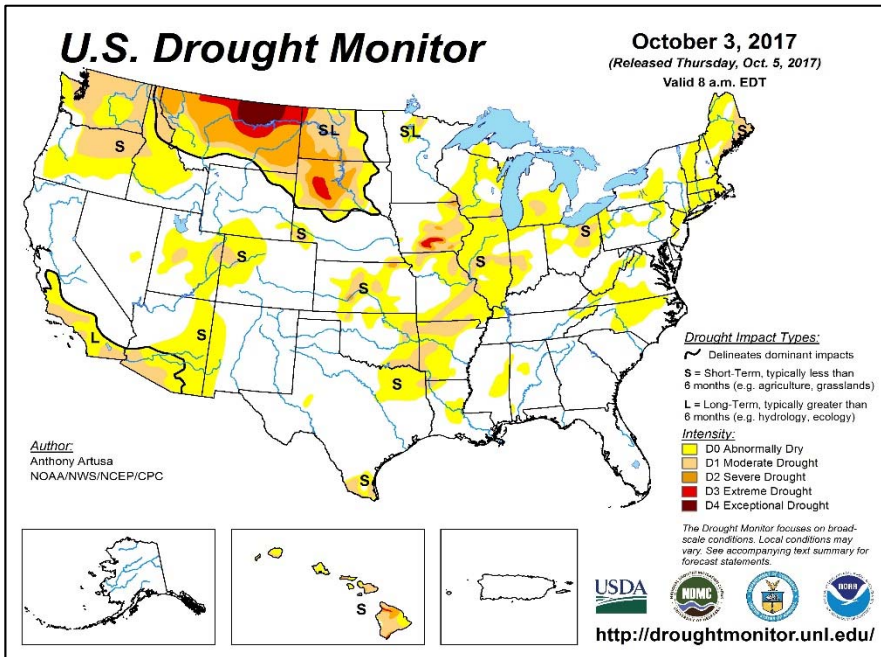


6-10 Day Precipitation Probability

U.S. Drought Monitor



FEMA

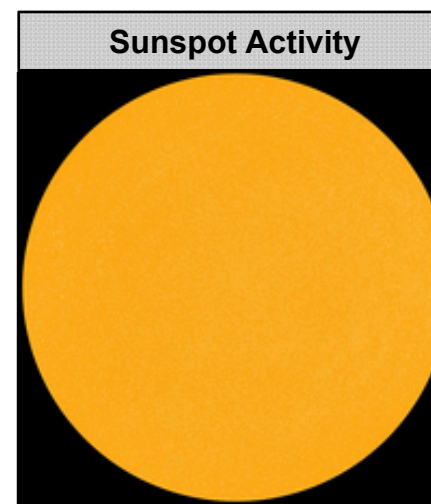
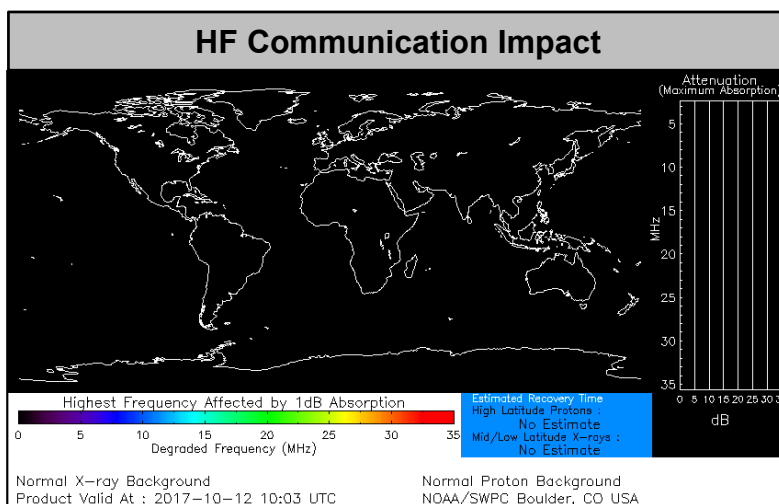


Space Weather



FEMA

	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	Minor	G1	None	None
Next 24 Hours	Minor	G1	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 (County)	FMAG # (Approved Date)	Acres Burned	Percent Contained	Evacuations (Residents)	Structures			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
California (10)								

Joint Preliminary Damage Assessments



FEMA

Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Completed	

Wildfire Summary



FEMA

Fire Name (County)	FMAG # (Approved Date)	Acres Burned	Percent Contained	Evacuations (Residents)	Structures			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
California (10)								
Atlas Fire (Napa / Solano)	5214-FM-CA (October 9, 2017)	25,000	0%	Mandatory 15,000	5,000 (400 homes)	0	125 homes	2 / 0
Tubbs Fire (Sonoma / Napa)	5215-FM-CA (October 9, 2017)	27,000	0%	Mandatory(5,000) Voluntary (5,000)	16,043 homes	0	550 homes	7 / 0
Cascade Fire (Yuba / Butte)	5216-FM-CA (October 9, 2017)	8,200	10%	Mandatory 2,200	1,000 homes	0	200 homes	0 / 0
Lobo Fire (Nevada)	5217-FM-CA (October 9, 2017)	880	15%	Mandatory 5,000	6,000 homes	0	8 homes	0 / 0
La Porte Fire (Butte)	5218-FM-CA (October 9, 2017)	3,000	5%	Mandatory 4,000	650 homes	0	0	0 / 0
Potter Valley Fire (Mendocino)	5219-FM-CA (October 9, 2017)	19,000	0%	Mandatory (3,000) Voluntary (1,110)	700 homes	0	100 homes	3 / 3
Nuns Fire (Sonoma)	5220-FM-CA (October 9, 2017)	5,000	0%	Mandatory 1,500	871 (870 homes)	0	0	0 / 0
Sulphur Fire (Lake)	5221-FM-CA (October 9, 2017)	2,500	5%	Mandatory 2,850	2,250 homes	50	150 homes	0 / 0
Partick Fire (Napa / Sonoma)	5222-FM-CA (October 9, 2017)	3,000	0%	Mandatory 5,600	2,150 homes	0	12 homes	0 / 0
Canyon 2 Fire (Orange / Riverside)	5223-FM-CA (October 9, 2017)	2,000	0%	Mandatory 1,000	500 homes	0	0	0 / 0

Wildfire Summary



FEMA

Complex	Fire Name (County)	FMAG # (Approved Date)	Acres Burned	Percent Contained	Evacuations M = Mandatory V = Voluntary	Structures			Fatalities / Injuries
						Threatened	Damaged	Destroyed	
California (10)									
Central LNU Complex	Tubbs Fire (Sonoma / Napa)	5215-FM-CA (October 9, 2017)	28,000	10%	65,000 (M)	29,192 16,043 Homes	14	576 550 Homes	11 / 0
Southern LNU Complex	Atlas Fire (Napa / Solano)	5214-FM-CA (October 9, 2017)	43,349	3%	15,000 (M)	5,000 400 Homes	0	125 Homes	2 / 0
	Nuns Fire (Sonoma)	5220-FM-CA (October 9, 2017)	8,476	2%	1,500 (M)	871 870 Homes	0	0	3 / 0
	Partrick Fire (Napa / Sonoma)	5222-FM-CA (October 9, 2017)	9,523	2%	5,600 (M)	5,000 Homes	0	12 Homes	0 / 0
NEU Wind Complex	Cascade Fire (Yuba / Butte)	5216-FM-CA (October 9, 2017)	12,399	20%	2,200 (M)	1,000 Homes	0	200 Homes	2 / 0
	Lobo Fire (Nevada)	5217-FM-CA (October 9, 2017)	857	30%	5,000 (M)	6,000 Homes	0	8 Homes	0 / 0
	La Porte Fire (Butte)	5218-FM-CA (October 9, 2017)	3,750	15%	4,000 (M)	650 Homes	0	0	0 / 0
Mendocino Lake Complex	Potter Valley Fire (Mendocino)	5219-FM-CA (October 9, 2017)	30,000	8%	5,000 (M)	800 Homes	0	250 Homes	6 / 2
	Sulphur Fire (Lake)	5221-FM-CA (October 9, 2017)	2,500	10%	2,000 (M)	2,250 Homes	70 50 Homes	205 155 Homes	0 / 0
N/A	Canyon 2 Fire (FINAL) (Orange / Riverside)	5223-FM-CA (October 9, 2017)	9,217	60%	Lifted	3,500 Homes	36 30 Home	23 13 Homes	0 / 3

FMAG Requests and Declarations



FEMA

Action (since last report)			Total	FMAG No. and State	
Requests DENIED			0		
Requests APPROVED			0	FEMA-5214-FM; California FEMA-5215-FM; California FEMA-5216-FM; California FEMA-5217-FM; California FEMA-5218-FM; California	FEMA-5219-FM; California FEMA-5220-FM; California FEMA-5221-FM; California FEMA-5222-FM; California FEMA-5223-FM; California
Approved FMAG Data					
Year	Current FYTD	MTD	*Monthly Average	Cumulative Acres Burned FYTD	Cumulative Denied FMAGs FYTD
2018	10	10	2.3	53,000	0
Year	Total Previous FY	**Yearly Average		Total Acres Burned Previous Year	Total Denied FMAGs Previous Year
2017	60	37.7		870,016	16
* Reflects the 3-year average for current month/ ** Reflects 3-year total average					

Disaster Requests & Declarations



FEMA

Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
8	IA	PA	HM	Date Requested	0	0
NY – DR (Expedited) Flooding	X	X	X	July 6, 2017		
ND – DR Drought	X	X	X	August 7, 2017		
ND – DR Severe Storm		X	X	August 24, 2017		
KS – DR Severe Storms, Straight-line Winds, and Flooding		X	X	August 31, 2017		
IL – DR Severe Storms and Flooding	X		X	August 31, 2017		
NY – DR Severe Storms, Tornadoes, and Flooding	X	X	X	August 31, 2017		
LA – DR Hurricane Harvey	X	X	X	September 25, 2017		
SC – DR Hurricane Irma		X	X	September 27, 2017		

Disaster Amendments

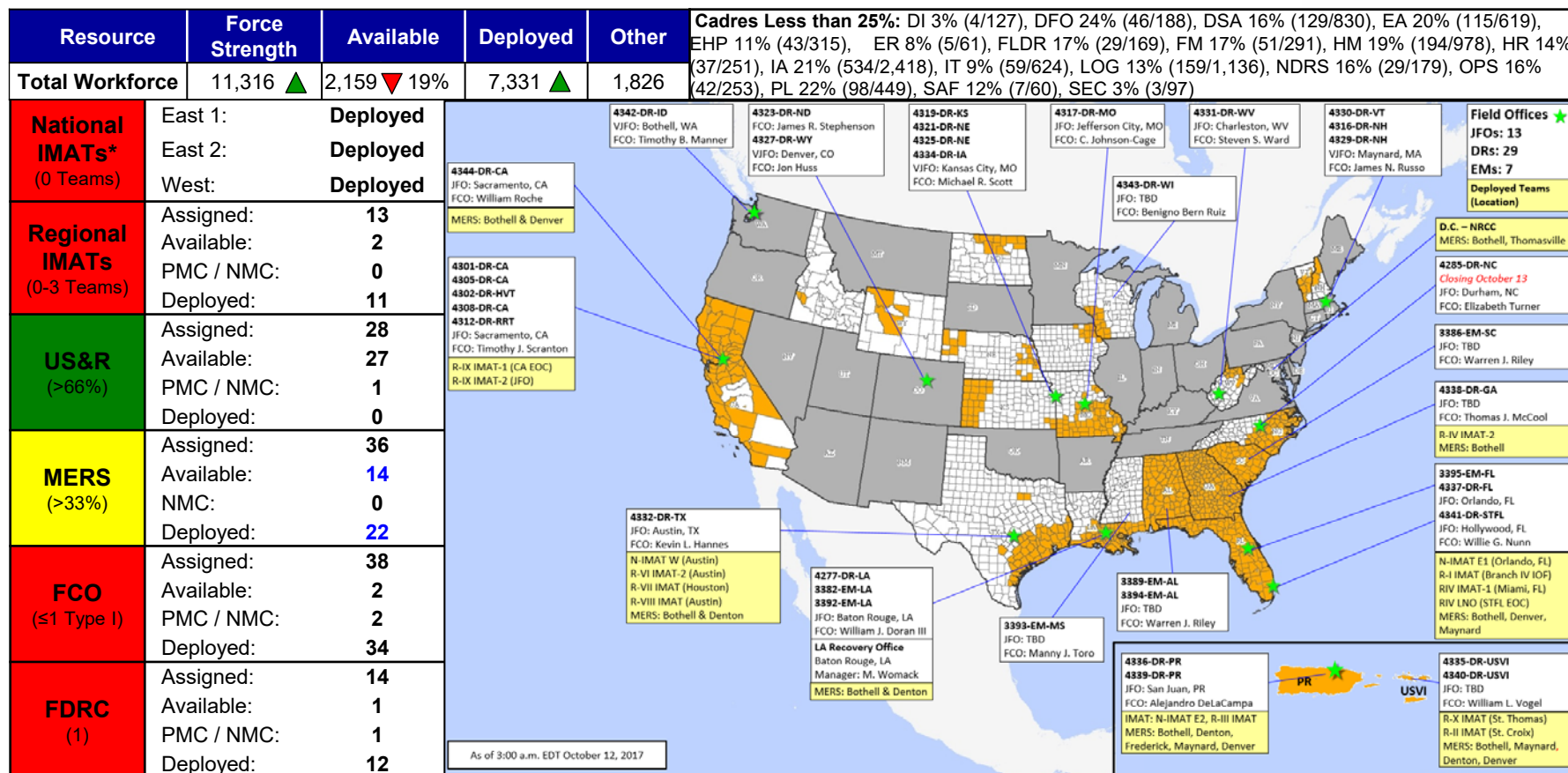


Amendment	Effective Date	Action
Amendment No. 5 to FEMA-4338-DR-GA	October 11, 2017	Adds 4 counties for emergency protective measures under Public Assistance (Categories C-G)
Amendment No. 10 to FEMA-4332-DR-TX	October 11, 2017	Adds 2 counties for Individual Assistance and 6 for emergency protective measures under Public Assistance (Categories C-G)
Amendment No. 12 to FEMA-4337-DR-FL	October 11, 2017	Adds 8 counties for emergency protective measures under Public Assistance (Categories C-G)

Readiness – Deployable Teams and Assets



FEMA



*B-2 Status: Assemble ≤ 2-hrs, On Site ≤ 18-hrs; B-48 Status: Assemble and deploy ≤ 48hrs; Charlie Status: No team assemble time requirement

FEMA Readiness – Activation Teams



Resource	Status	Total	Status	Activated Team	Activation Level	Activation Times	Reason/Comments
NWC		5	Not Activated				
NRCC		2	Activated	Gold	Level I Enhanced Watch	Day shift Night shift	Tropical Activity – Atlantic
HLT		1	Activated				Hurricane Season
RWCs/MOCs		10	Steady State				
RRCCs		10	Not Activated				

Back-up Region: VI & X



FEMA

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.

MERS Availability Summary



FEMA

MERS Operations Center	Personnel Availability	Pacing Item Availability	Teams Deployed
Bothell, WA	52%	58%	4
Denton, TX	40%	33%	5
Denver, CO	19%	38%	6
Frederick, MD	31%	35%	5
Maynard, MA	27%	40%	6
Thomasville, GA	10%	40%	6
Overall MERS Availability	30%	41%	11%

Legend:	> 66%
	66% - 33%
	< 33%
As of:	August 21, 2017

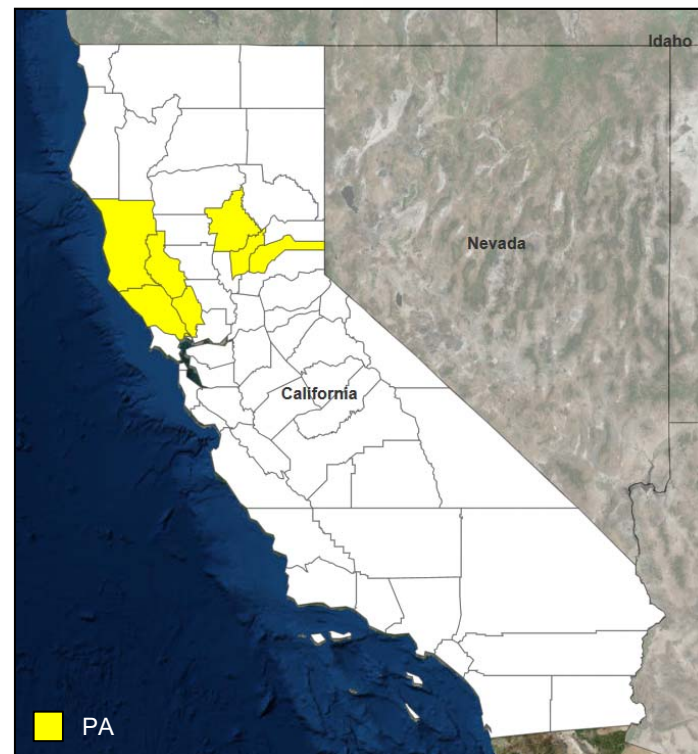
Declaration Approval



FEMA

FEMA-4344-DR-CA

- Major Disaster Declaration approved on October 10, 2017 for the state of California
- For wildfires beginning October 8, 2017 and continuing
- Provides:
 - Public Assistance, including direct federal assistance, for 7 counties
 - Hazard Mitigation statewide
 - Individual Assistance under review
- FCO is William Roche



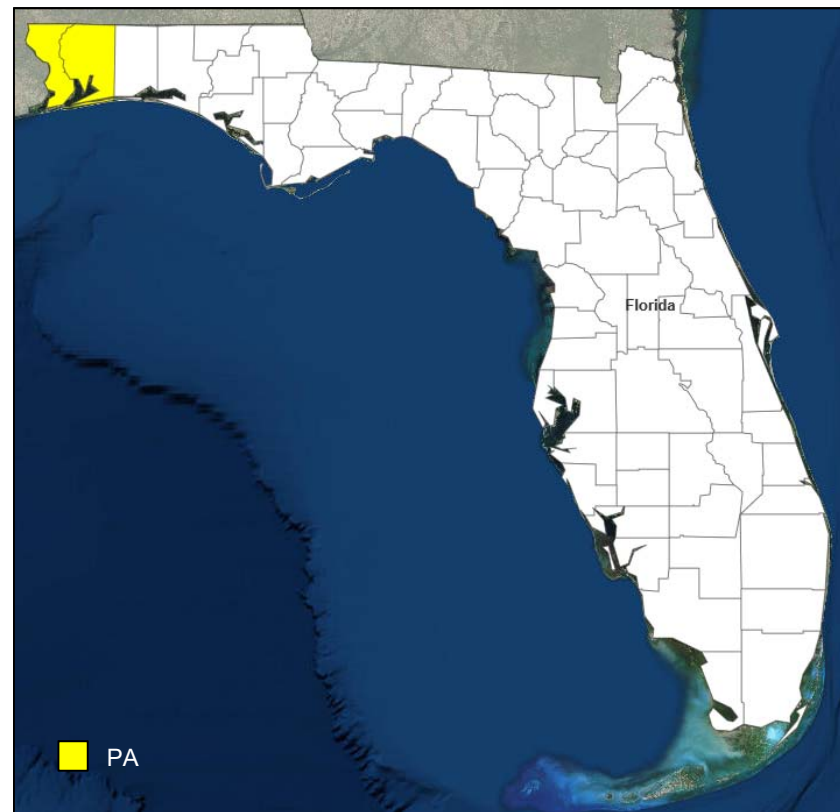
Declaration Approval



FEMA

FEMA-3395-EM-FL

- Emergency Disaster Declaration approved October 8, 2017
- For Hurricane Nate beginning October 7, 2017 and continuing
- Provides:
 - Emergency protective measures (Category B), including direct federal assistance, under the Public Assistance program at 75 percent federal funding for 2 counties
- FCO is Willie G. Nunn



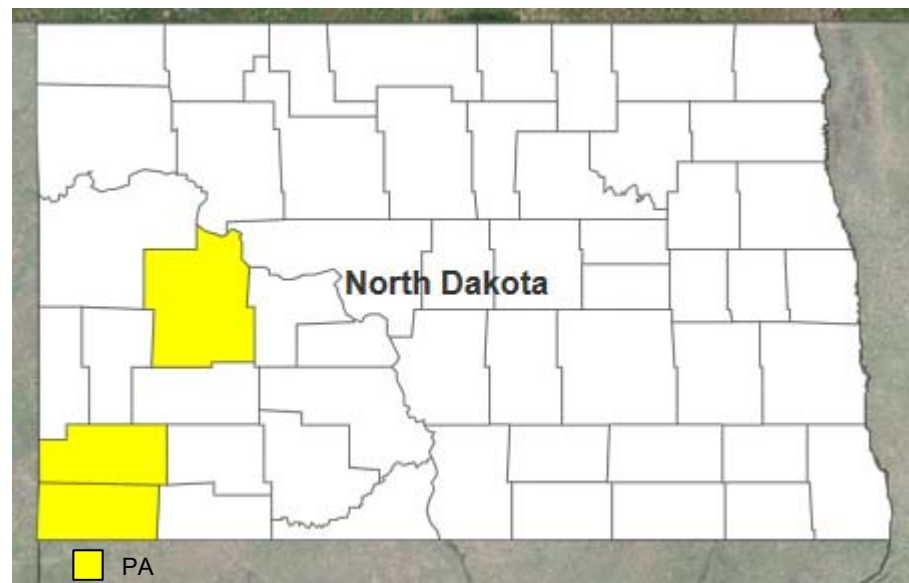
Declaration Request



FEMA

North Dakota

- Governor requested a Major Disaster Declaration on August 24, 2017
- For severe storm that occurred July 20, 2017
- Requesting:
 - Public Assistance for 3 counties
 - Hazard Mitigation statewide



Declaration Request



FEMA

Kansas

- Governor requested a Major Disaster Declaration on August 31, 2017
- For severe storms, straight-line winds, and flooding that occurred July 22-27, 2017
- Requesting:
 - Public Assistance for 2 counties
 - Hazard Mitigation statewide



Declaration Request



FEMA

Illinois

- Governor requested a Major Disaster Declaration on August 31, 2017
- For severe storms and flooding that occurred July 11-27, 2017
- Requesting:
 - Individual Assistance for 4 counties
 - Hazard Mitigation statewide



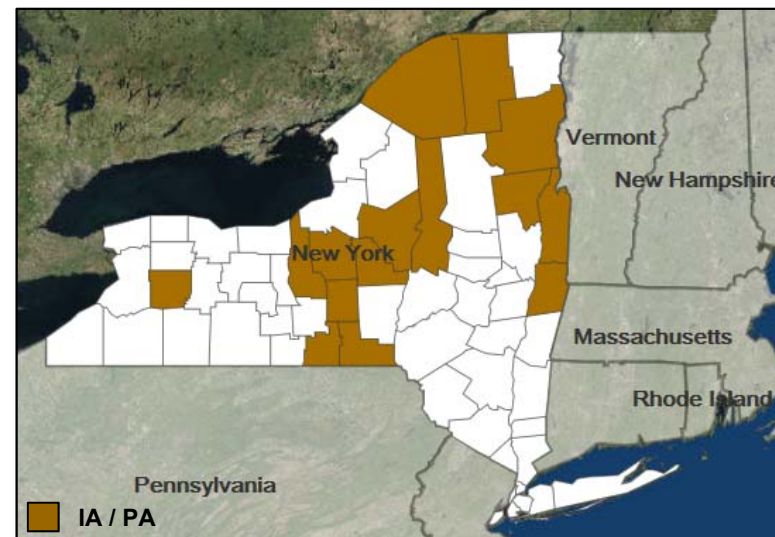
Declaration Request



FEMA

New York

- Governor requested a Major Disaster Declaration on August 31, 2017
- For severe storms, tornadoes, and flooding that occurred June 30, 2017 and continuing
- Requesting:
 - Individual Assistance and Public Assistance for 15 counties
 - Hazard Mitigation statewide



Declaration Request



FEMA

South Carolina

- Governor requested a Major Disaster Declaration on September 27, 2017
- For Hurricane Irma that occurred September 6 and continuing
- Requesting:
 - Public Assistance for 16 counties
 - Hazard Mitigation statewide

