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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**

**Saturday, September 24, 2016**

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

# Significant Activity - Sept 23 - 24



**Significant Events:** No significant activity

**Tropical Activity:**

- Atlantic – Tropical Storm Karl, Tropical Storm Lisa, Disturbance 1 – Medium (50%)
- Eastern Pacific – Disturbance 1 – High (90%), Disturbance 2 – Medium (40%)
- Central Pacific – No Significant Activity
- Western Pacific – No Significant Activity

**Significant Weather:**

- Flash flooding possible – Central/Southern Plains
- Rain and snow – Northern/Central Rockies
- Critical/Elevated Fire Weather & Red Flag Warnings – CA
- Space Weather – No space weather observed past 24 hours; no space weather predicted next 24 hours

**Earthquake Activity:** No significant activity

**Declaration Activity:** None

# Tropical Outlook - Atlantic

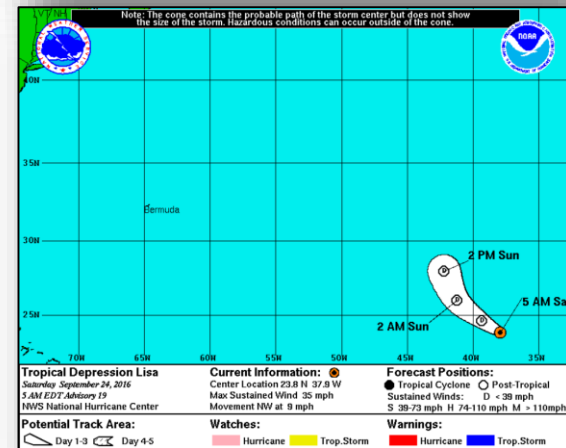
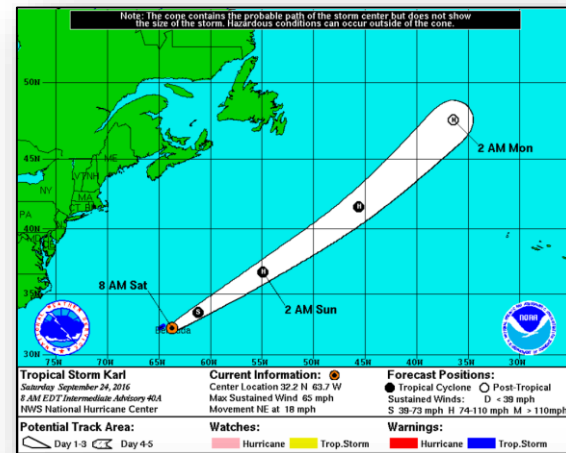


## Tropical Storm Karl (FINAL) (Advisory #40A as of 8:00 a.m. EDT)

- Located about 65 miles E of Bermuda; moving NE at 18 mph
- Maximum sustained winds near 65 mph
- Tropical-storm-force winds extend outward up to 115 miles
- Moving away from Continental US; No threat to U.S territories

## Tropical Depression Lisa (FINAL) (Advisory #19 as of 5:00 a.m. EDT)

- Located 1,170 miles SW of the Azores; moving NW at 9 mph
- Turn WNW and increase in forward speed expected later today
- Maximum sustained winds 35 mph
- No threat to U.S territories

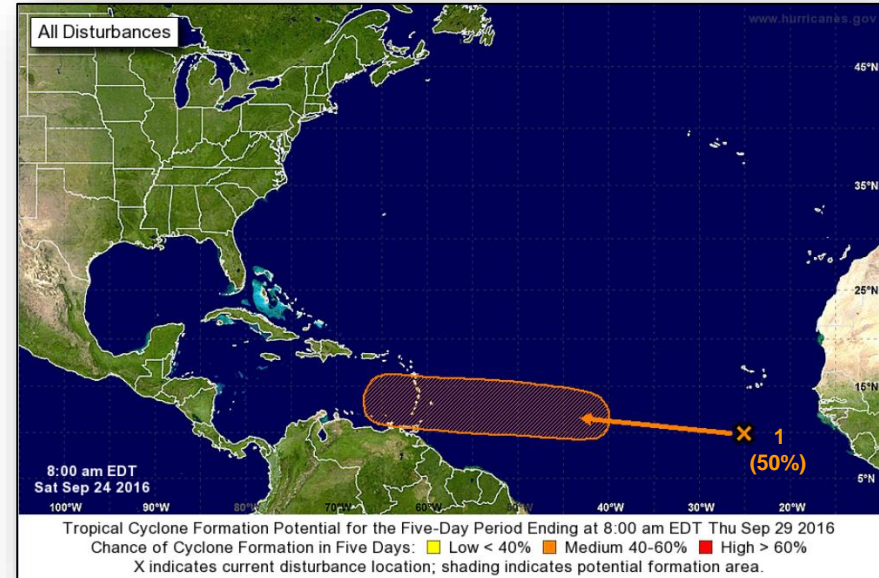


# Tropical Outlook - Atlantic



## Disturbance 1 (as of 8:00 a.m. EDT)

- Tropical wave located S of the Cape Verde Islands
- Expected to move rapidly W across the Atlantic 20 to 25 mph
- Conditions could be conducive for some gradual development early next week
- Formation chance through 48 hours: Low (near 10%)
- Formation chance through 5 days: Medium (50%)



# Tropical Outlook - Eastern Pacific

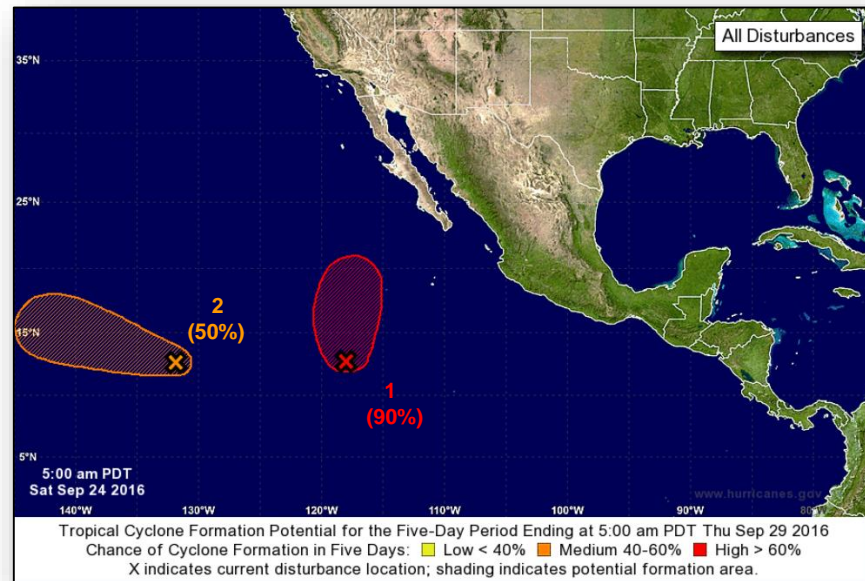


## Disturbance 1 (as of 8:00 a.m. EDT)

- Located 900 miles SW of the southern tip of Baja California Peninsula
- Moving NW over the next couple days
- Conditions favorable for tropical depression formation over next day or two
- Formation chance through 48 hours: High (80%)
- Formation chance through 5 days: High (90%)

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

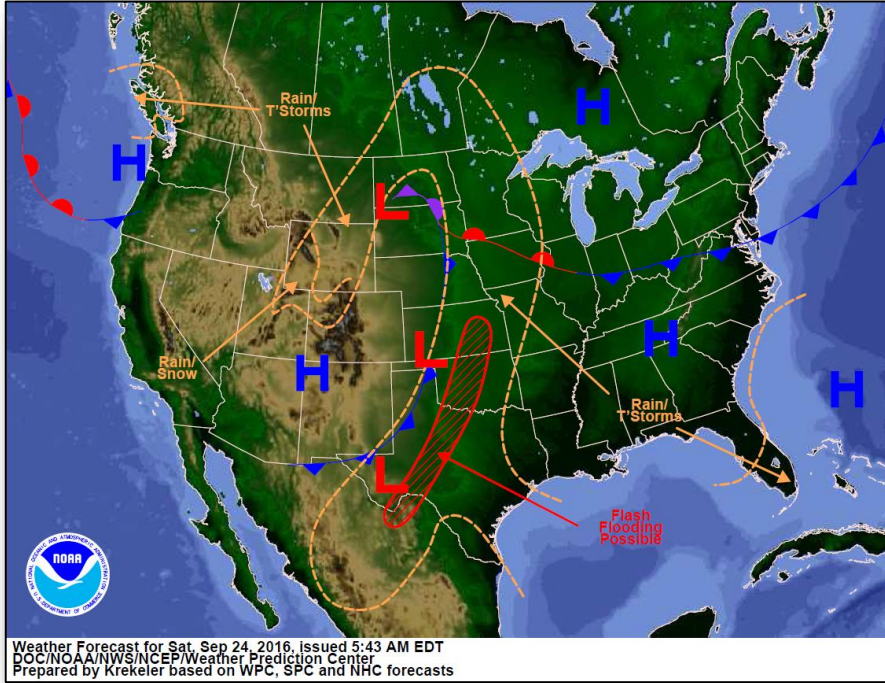
- Weak area of low pressure located about 1,500 miles ESE of the Big Island of Hawaii
- Conditions forecast to become more favorable for development as it moves WNW
- Formation chance through 48 hours: Low (near 10%)
- Formation chance through 5 days: Medium (40%)



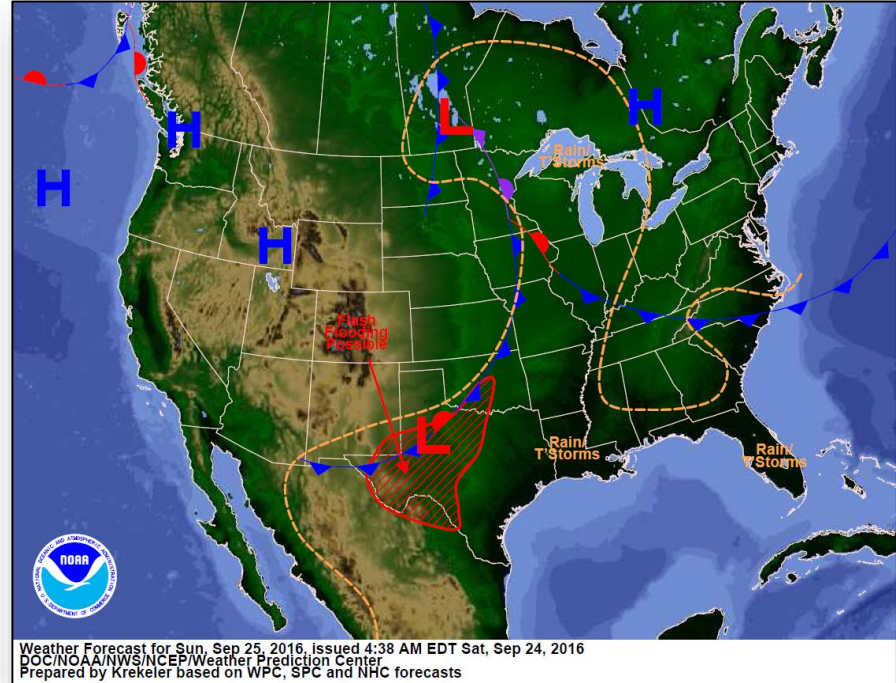
2  
(30%)



# National Weather Forecast



*Today*

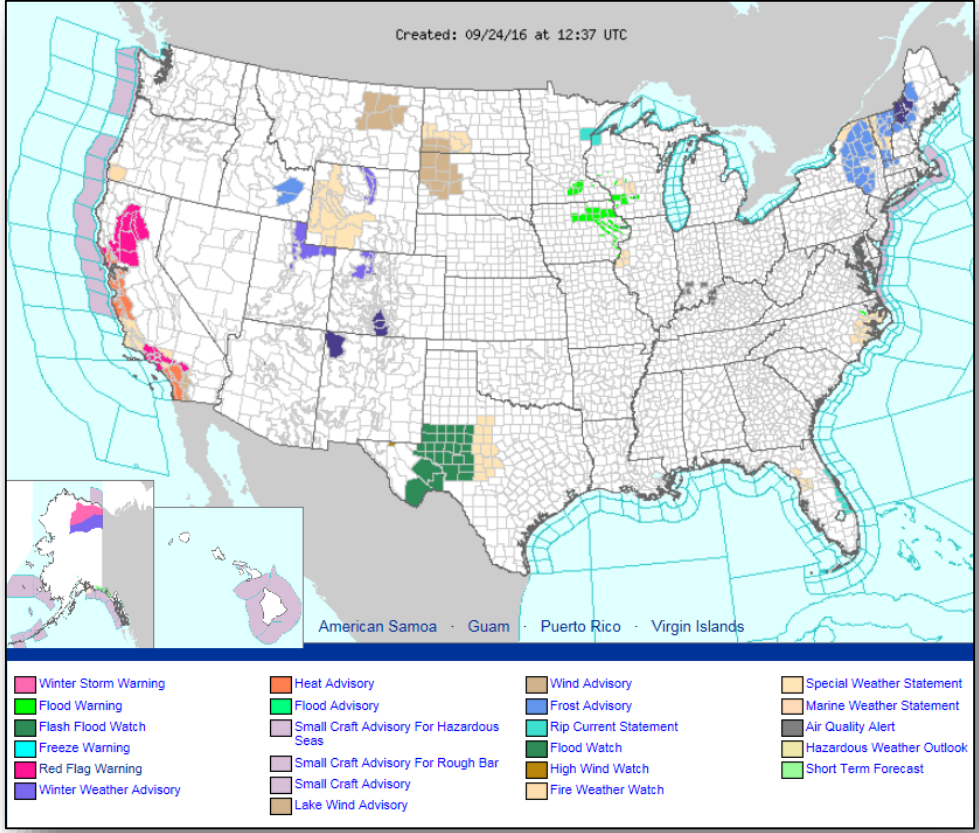


*Tomorrow*

Weather Forecast for Sat, Sep 24, 2016, issued 5:43 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Krekeler based on WPC, SPC and NHC forecasts

Weather Forecast for Sun, Sep 25, 2016, issued 4:38 AM EDT Sat, Sep 24, 2016  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Krekeler based on WPC, SPC and NHC forecasts

# Active Watches and Warnings

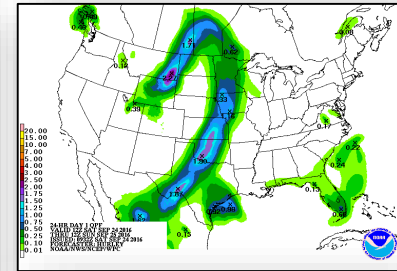
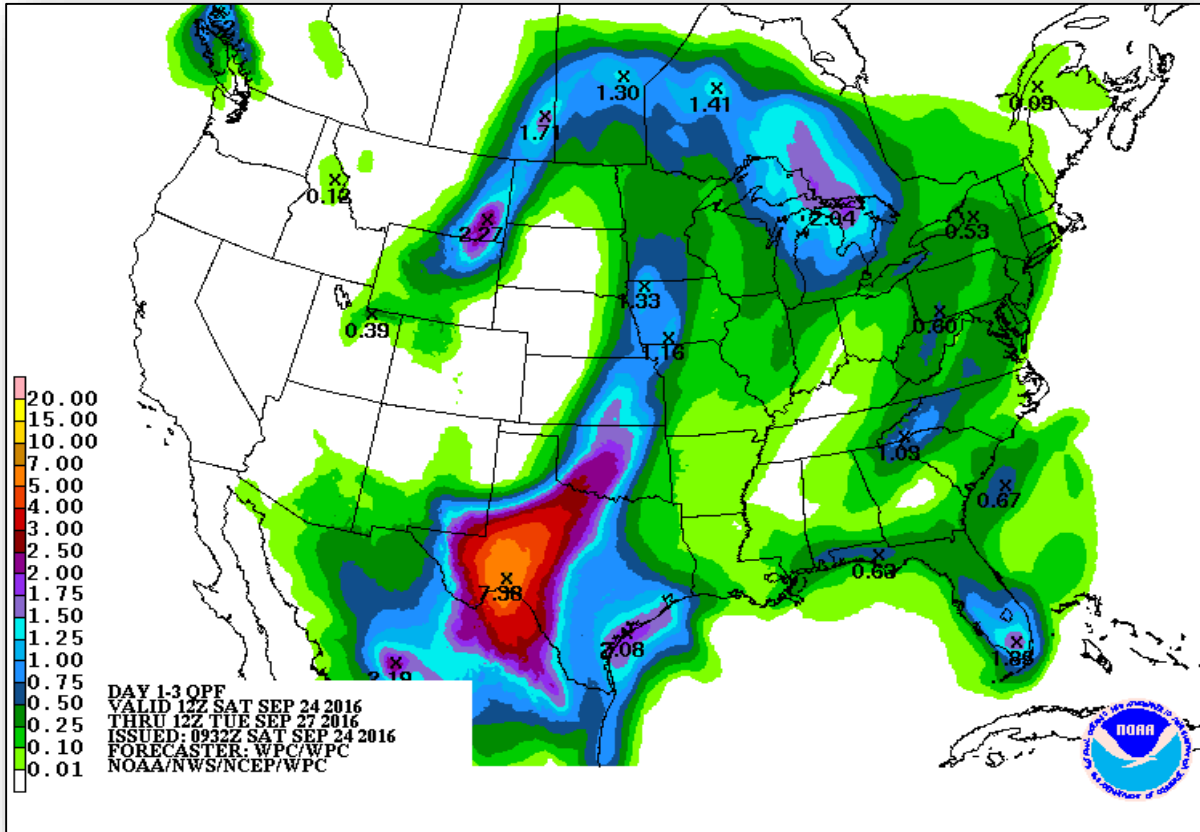




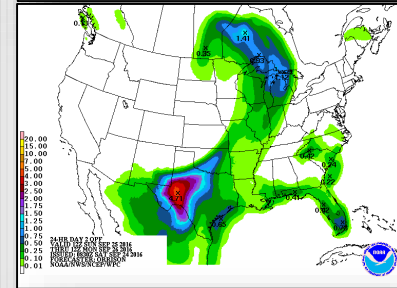
# Precipitation Forecast - Days 1-3



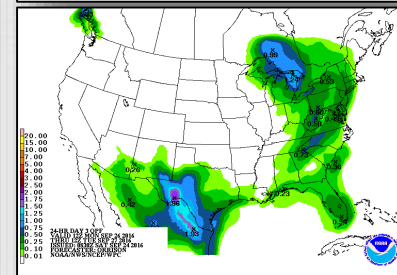
FEMA



Day 1

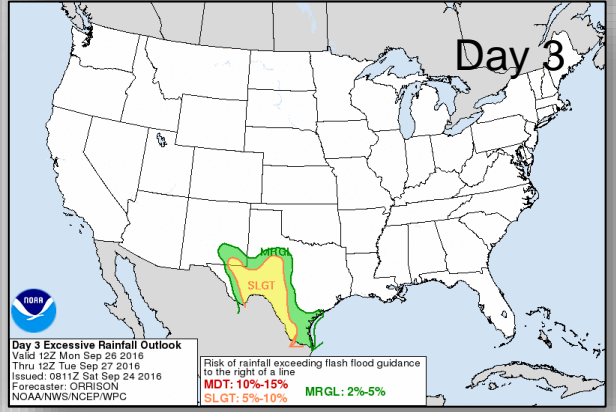
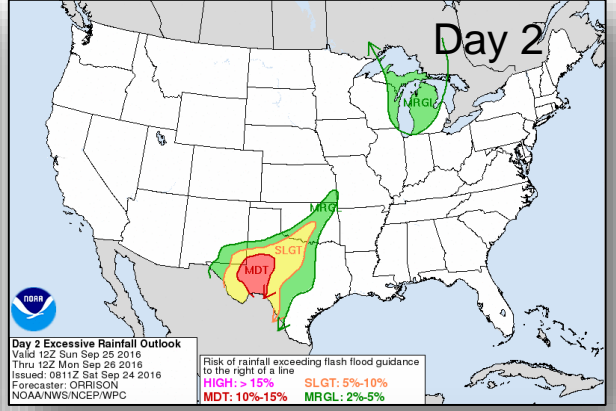
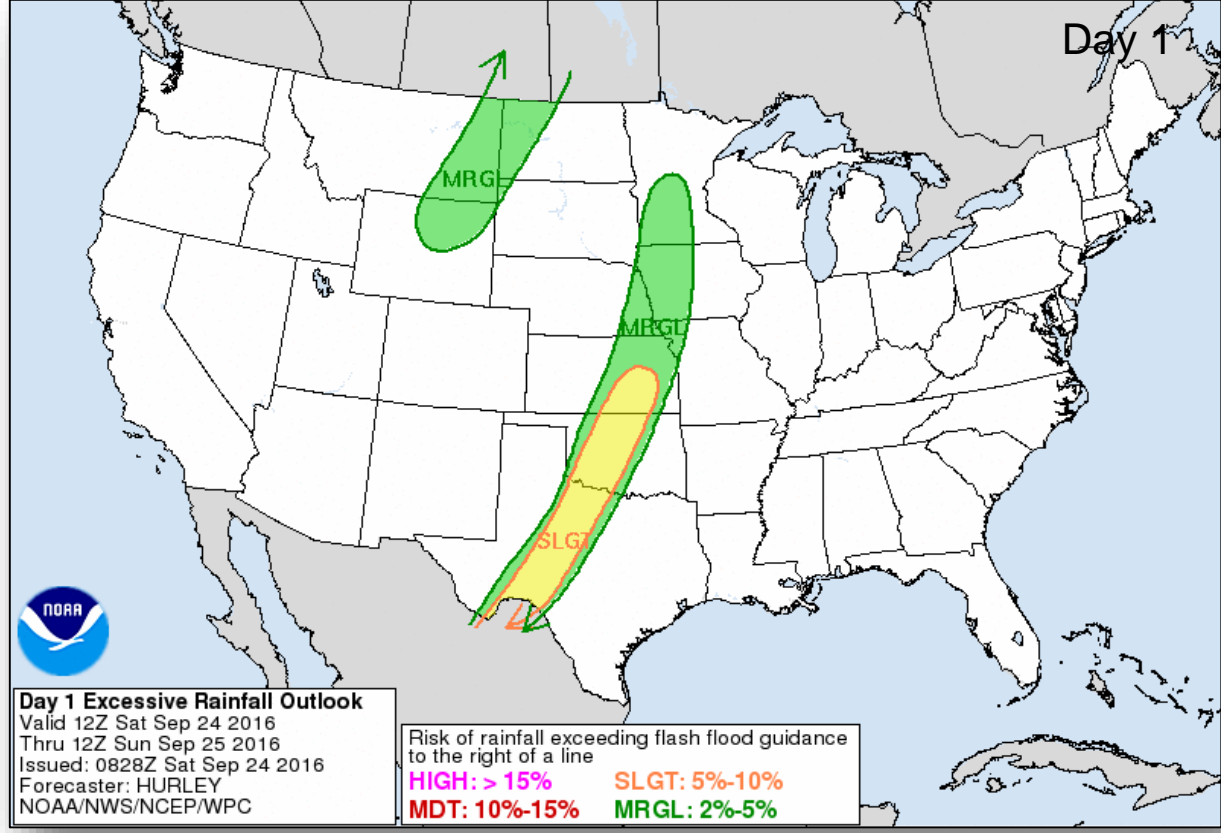


Day 2

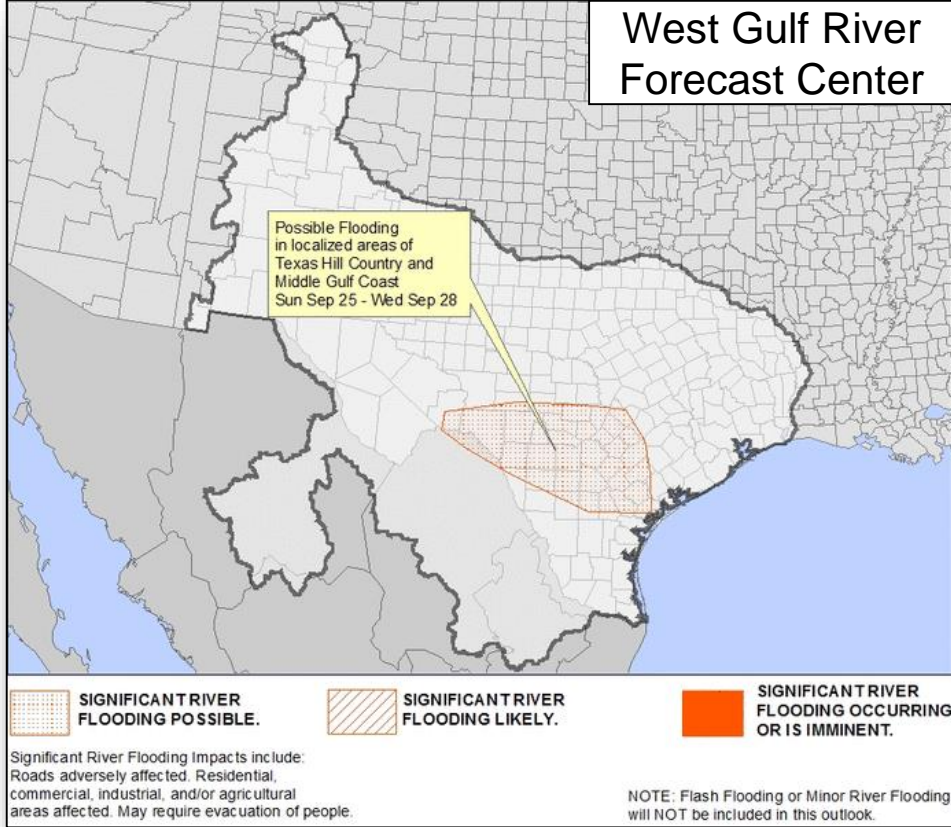


Day 3

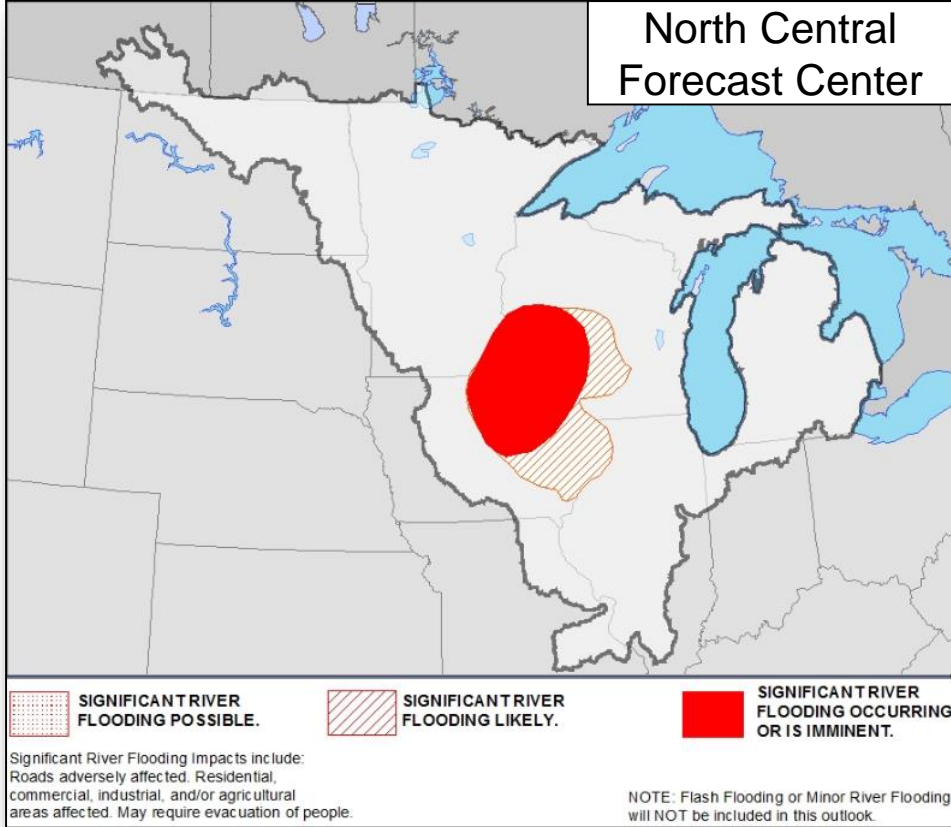
# Flash Flood Outlook - Days 1-3



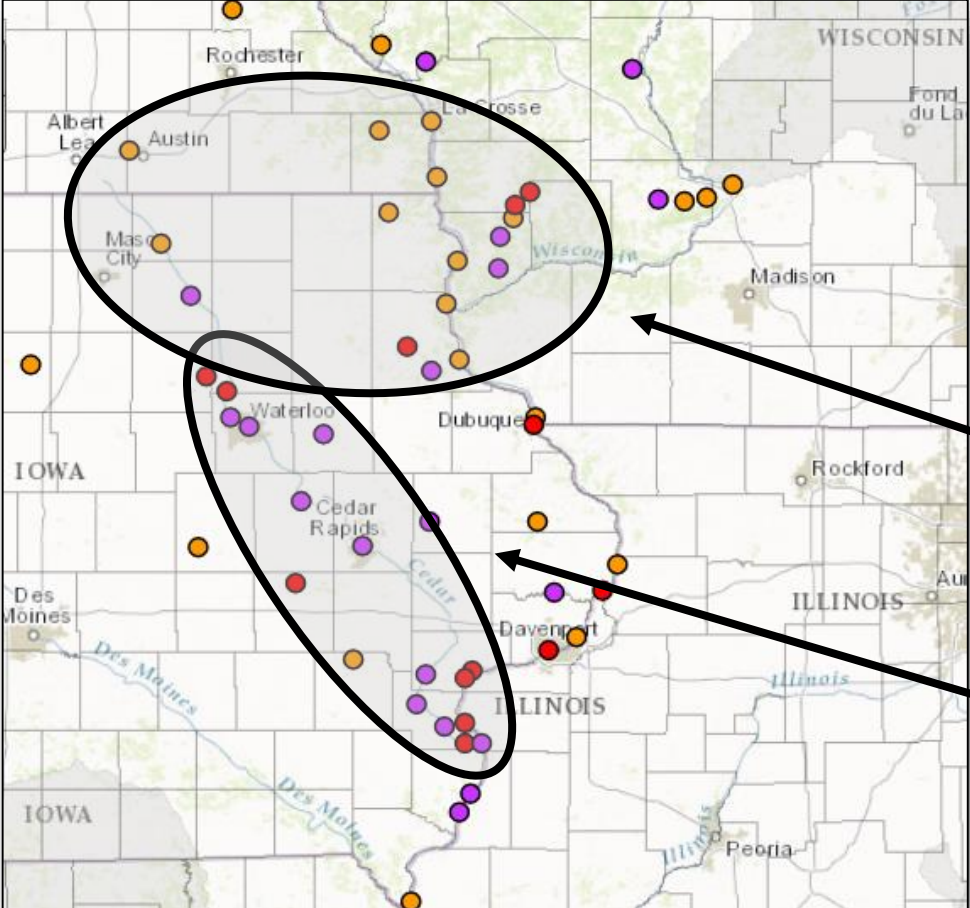
# Significant River Flood Outlook



# Significant River Flood Outlook



# Upper Midwest Flooding



## River Flood Forecast

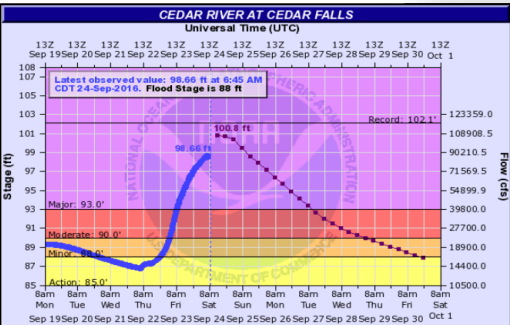
- Near Flood Stage ■
- Minor Flooding ■
- Moderate Flooding ■
- Major Flooding ■

**Gauges Past Crest or Will Crest in Next 12 Hours**

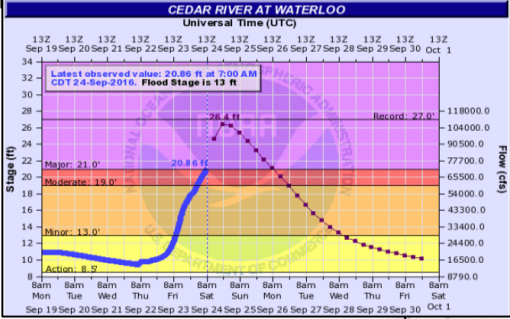
**Cedar River Flooding:**  
Cedar Falls, Waterloo and Conesville, IA



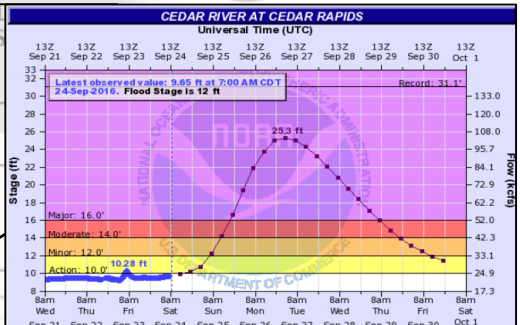
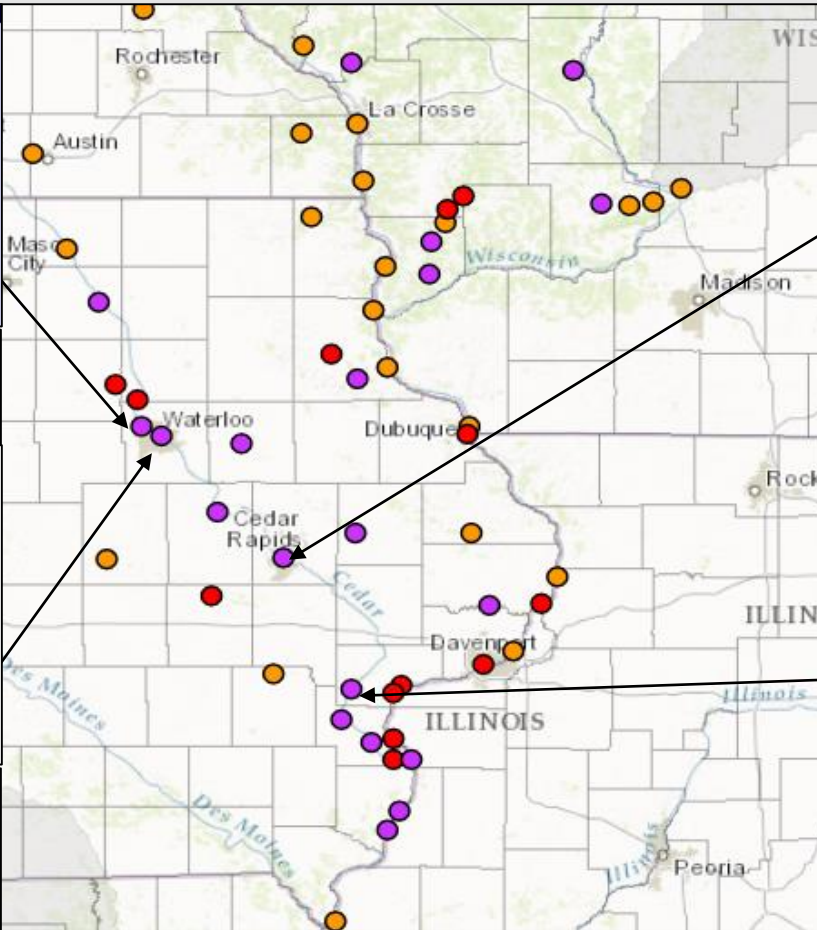
# Cedar River in IA



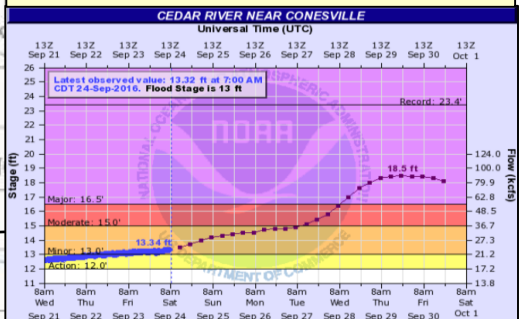
- Expected Peak: 100.8' Saturday
- Above 90' - Many road closures, some housing impacts near river



- Expected Peak: 26.4' Saturday
- Above 20' - No wastewater plant access & many local roads closed



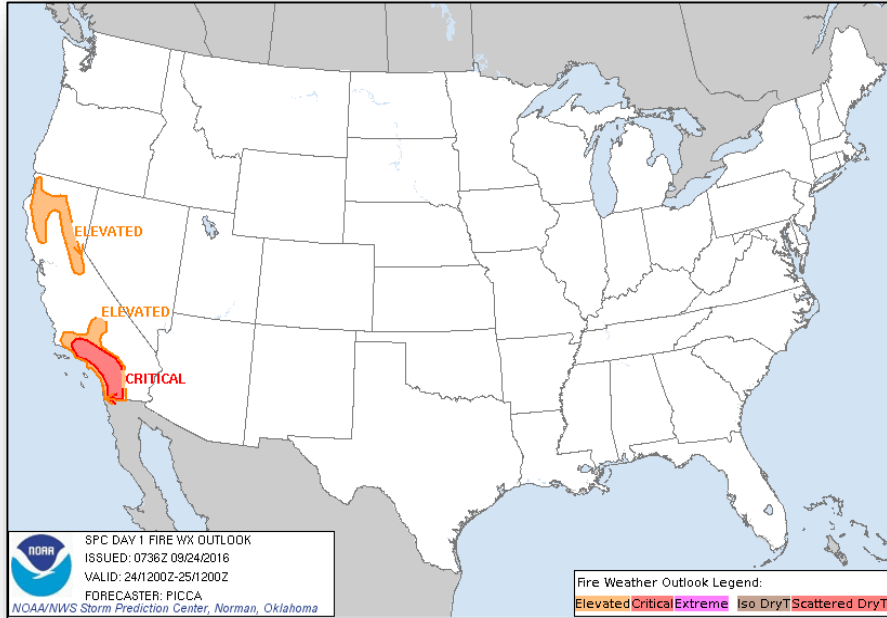
- Expected Peak: 25.3' Tuesday
- Above 20' - Bridges & many local roads closed



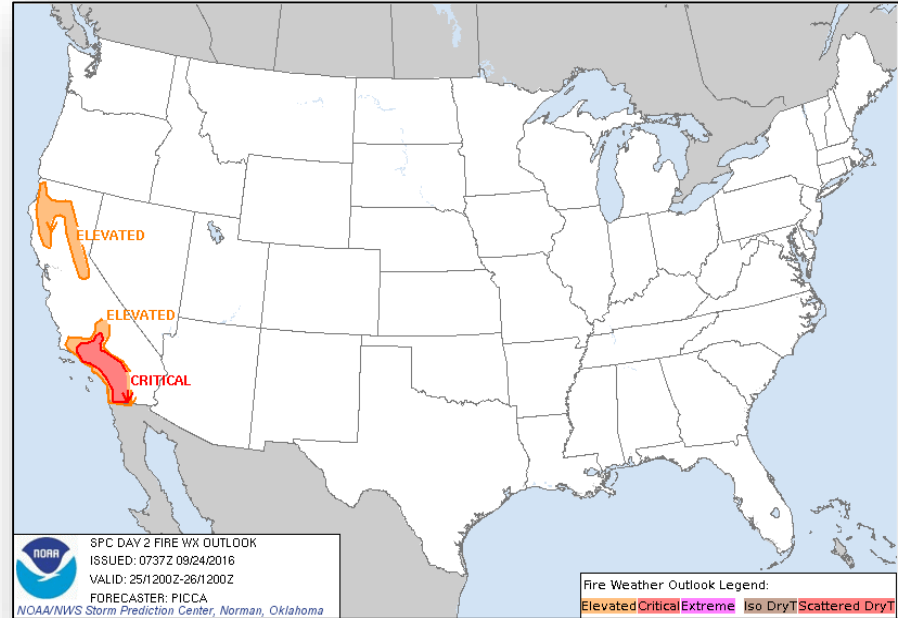
- Expected Peak: 18.5' Thursday
- Above 18' - Many road closures, some housing impacts near river



# Fire Weather Outlook

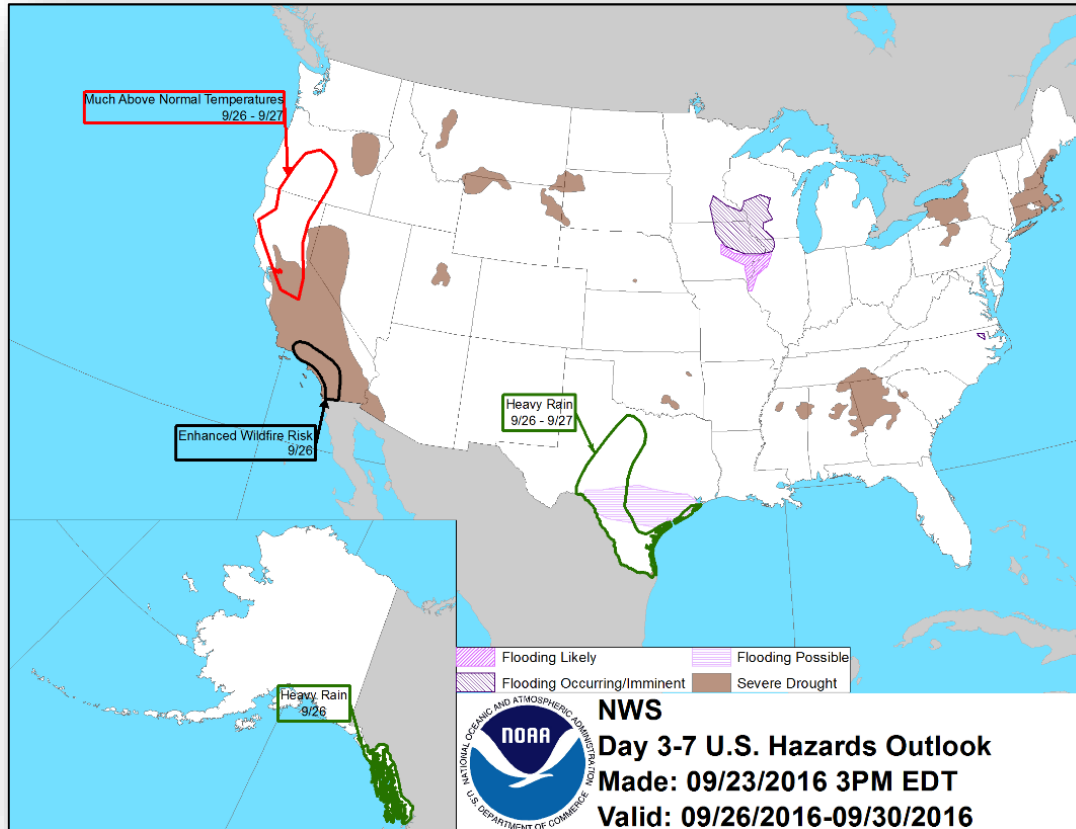


Day 1



Day 2

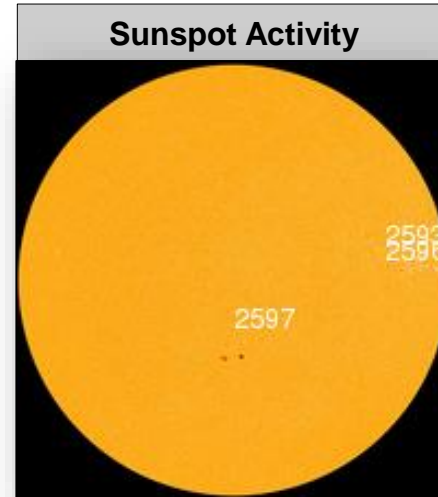
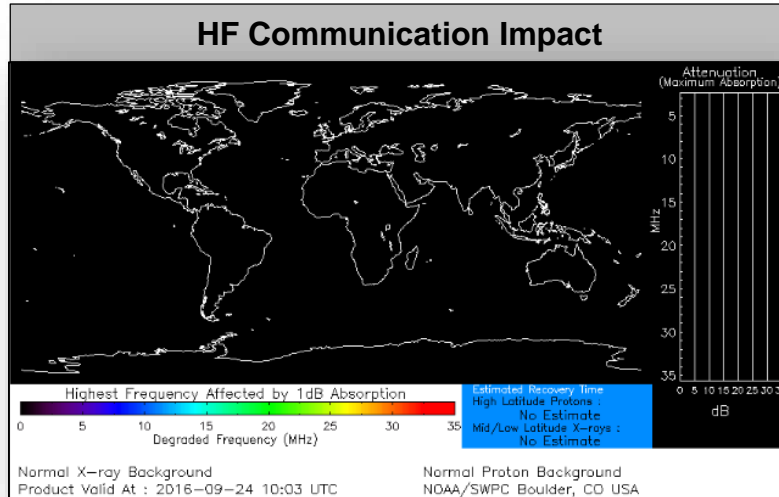
# Hazards Outlook - Sep 26 - 30



# Space Weather

	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>*



# Joint Preliminary Damage Assessments



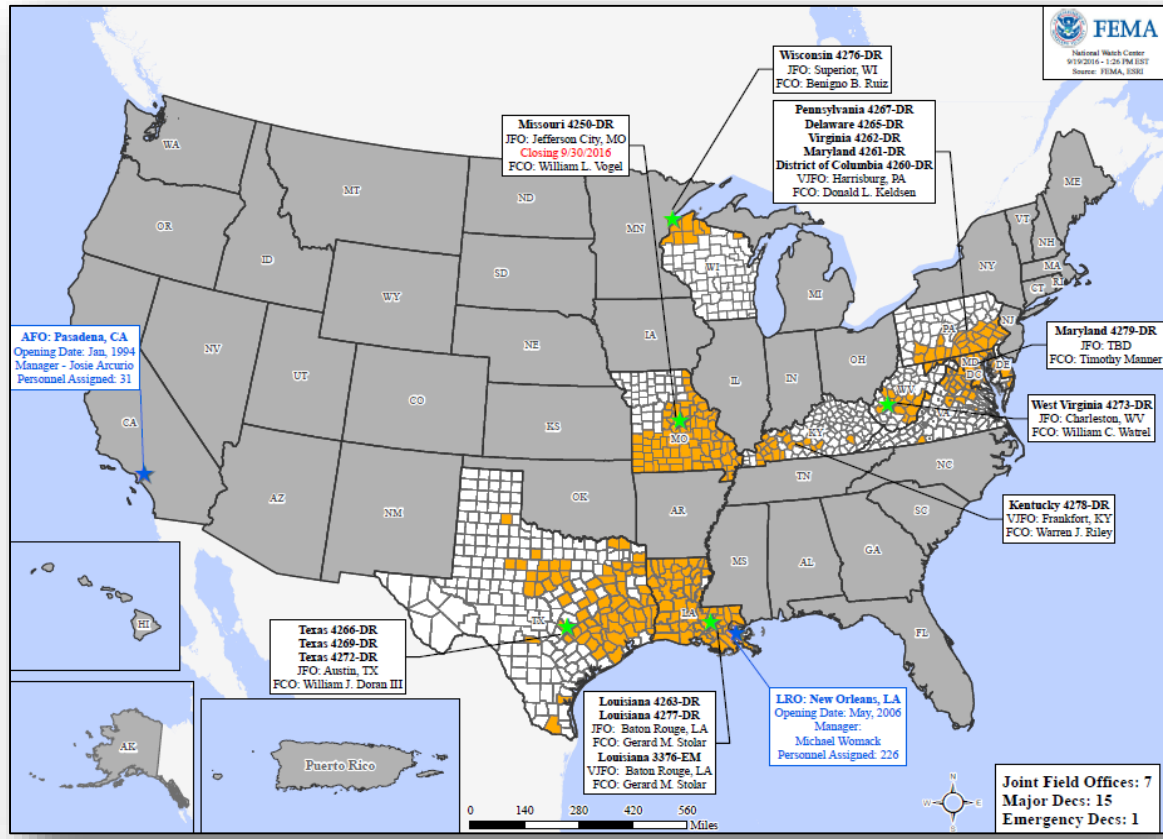
Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Complete	
IV	Florida	Severe Storms and Flooding (TS Hermine) August 30, 2016 – Ongoing	IA	12	12	9/6 – 9/15
			PA	33	25 (+2)	9/7 – TBD
IX	Hawaii	Flash Flooding and Mudslides Week of September 11, 2016	PA	1	0	9/20-TBD

# Disaster Requests & Declarations



<b>Declaration Requests in Process</b>		<b>Requests APPROVED (since last report)</b>	<b>Requests DENIED (since last report)</b>
<b>4</b>	<b>Date Requested</b>	<b>0</b>	<b>0</b>
<b>KS – DR (Appeal) Severe Storms, Tornadoes, Straight-line Winds, and Flooding</b>	<b>August 31, 2016</b>		
<b>IA – DR Severe Storms, Straight-line Winds, and Flooding</b>	<b>September 19, 2016</b>		
<b>FL – DR Hurricane Hermine</b>	<b>September 20, 2016</b>		
<b>Navajo Nation – DR Severe Storms and Flooding</b>	<b>September 21, 2016</b>		

# Open Field Offices as of September 23, 2016





# Readiness – Deployable Teams and Assets



Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criterion
FCO	Yellow	35	6	17%	0	0	29		OFDC Readiness: FCO Green Yellow Red Type 1 3+ 2 1 Type 2 4+ 3 2 Type 3 4+ 3 2
FDRC	Red	10	1	10%	0	3	6		FDRC 3 2 1
US&R	Green	28	27	96%	1	0	0	NJ-TF1: Partially Mission Capable	<ul style="list-style-type: none"> <li>Green = Available / FMC</li> <li>Yellow = Available / PMC</li> <li>Red = Out-of-Service</li> <li>Blue = Assigned / Deployed</li> </ul>
National IMAT	Yellow	3	2	67%	0	0	1	East 2 to LA (DR-4277)	<ul style="list-style-type: none"> <li>Green: 3 available</li> <li>Yellow: 1-2 available</li> <li>Red: 0 avail (<i>Individual N-IMAT red if 50% of Section Chiefs and / or Team Leader is unavailable for deployment.</i>)</li> </ul>
Regional IMAT	Green	13	9	69%	0	0	4	<u>Deployed:</u> Region II to LA (DR-4277) Region VI Team 2 to LA (DR-4277) Region VIII to LA (DR-4277) Region X to LA (DR-4277)	<ul style="list-style-type: none"> <li>Green: &gt;6 teams available</li> <li>Yellow: 4 - 6 teams available</li> <li>Red: &lt; 4 teams available</li> </ul> <i>R-IMAT also red if TL Ops / Log Chief is unavailable &amp; has no qualified replacement</i>
MERS	Green	18	17	94%	0	0	1	<u>Assets are supporting:</u> PR (Zika UCG)	<ul style="list-style-type: none"> <li>Green = &gt;66% available</li> <li>Yellow = 33% to 66% available</li> <li>Red = &lt;33% available</li> </ul>

# Readiness – National and Regional Teams



Resource	Status	Total	FMC Available		Partially Available	Not Available	Status	Comments	Rating Criteria
NWC		5	5		0	0	Not Activated		<ul style="list-style-type: none"> <li>• Green = FMC</li> <li>• Yellow = PMC</li> <li>• Red = NMC</li> </ul>
NRCC		2	2	100%	0	0	Not Activated		
HLT		1	1	100%	0	0	Activated		
RRCCs		10	10	100%	0	0	Not Activated		
RWCs/MOCs		10	10	100%	0	0	Activated	RVII at Enhanced Watch, day shift only (Iowa Flooding)	



# 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.**