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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, June 3, 2016**

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

# Significant Activity: June 2- June 3



**Significant Events:** Flooding – Texas

**Tropical Activity:**

- Atlantic: Tropical Depression Bonnie
- Pacific: Disturbance 1

**Significant Weather:**

- Severe Weather – Middle/Upper Mississippi Valley
- Flash Flooding Possible – Southern Plains to Lower Mississippi Valley
- Rain and thunderstorms – From the Plains across to the Mississippi Valleys; Southeast up to the Great lakes and to Northeast
- Excessive Heat Warnings – Southwest
- Space weather – None occurred in the past 24 hours; Moderate, G2 geomagnetic storms predicted for the next 24 hours

**Earthquake Activity:** No significant activity

**Declaration Activity:** None

# Severe Weather and Flooding - Texas



## Current Situation:

- A slow-moving storm system will continue to bring heavy precipitation over a large portion of central and eastern TX through Saturday
- Several rivers in southeast TX are experiencing significant flooding (exceeding Moderate or Major Flood Stage) and additional flooding is possible due to already saturated soils and swollen rivers

## Impacts:

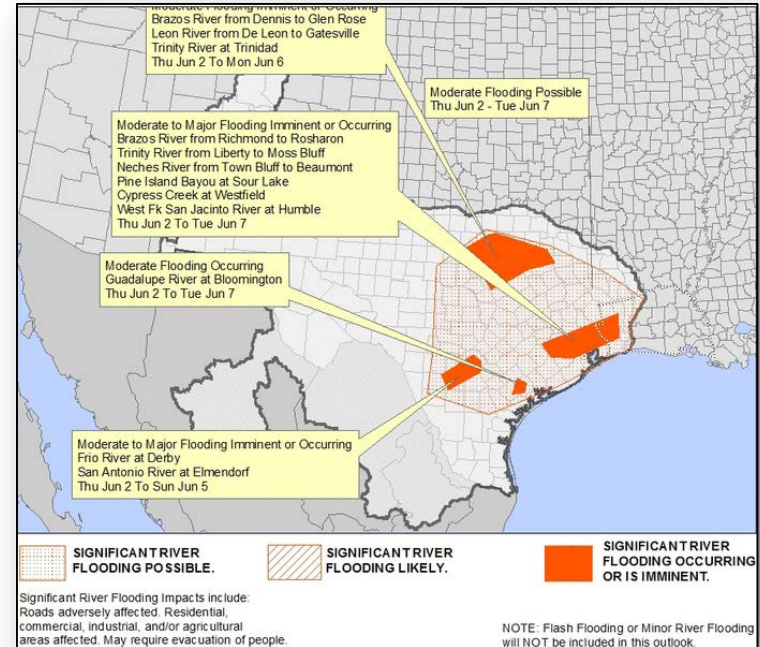
- 9 confirmed fatalities
- Voluntary and mandatory evacuations remain in effect across affected areas
- 4K customers remain without power statewide (\*DOE Eagle-I as of 5:00 a.m. EDT)
- 19 shelters open with 154 occupants (ARC Midnight Shelter Count as of 7:14 am EDT)
- Numerous roads and highways closed

## State/Local Response:

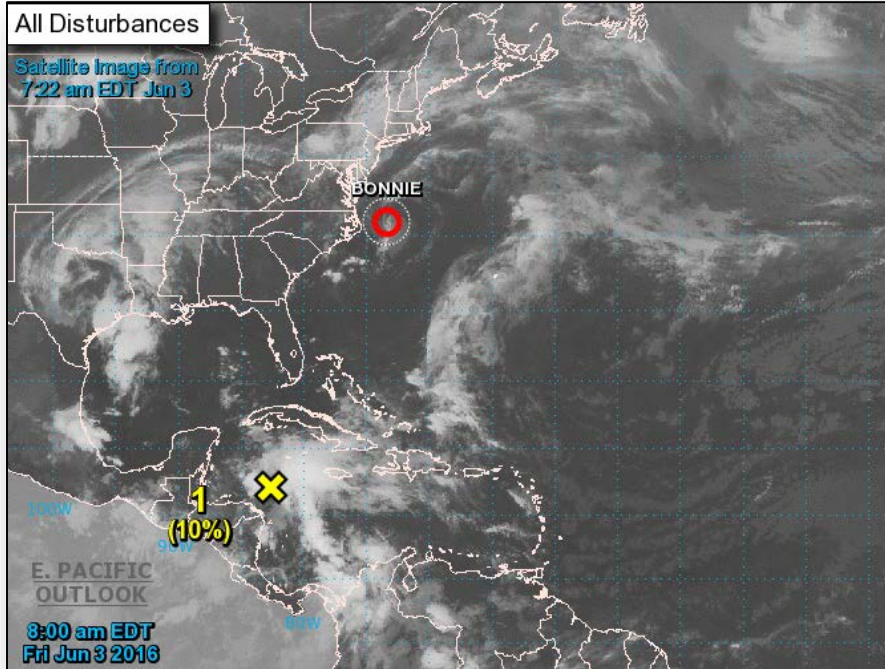
- TX EOC at Monitoring
- Governor declared a State of Disaster in 31 counties
- USAR TX TF-1 activated by TX

## FEMA Response:

- TX EOC at Monitoring (Level III)
- FEMA Region VI LNO deployed to TX EOC
- FEMA Region VI RWC at Enhanced Watch (day shift only)



# Tropical Outlook – Atlantic

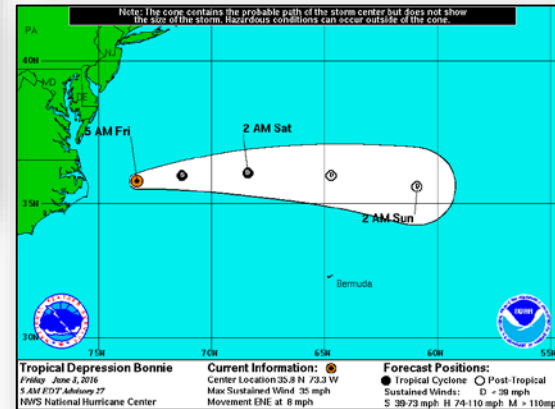


## **Disturbance 1:** (As of 8:00 a.m. EDT)

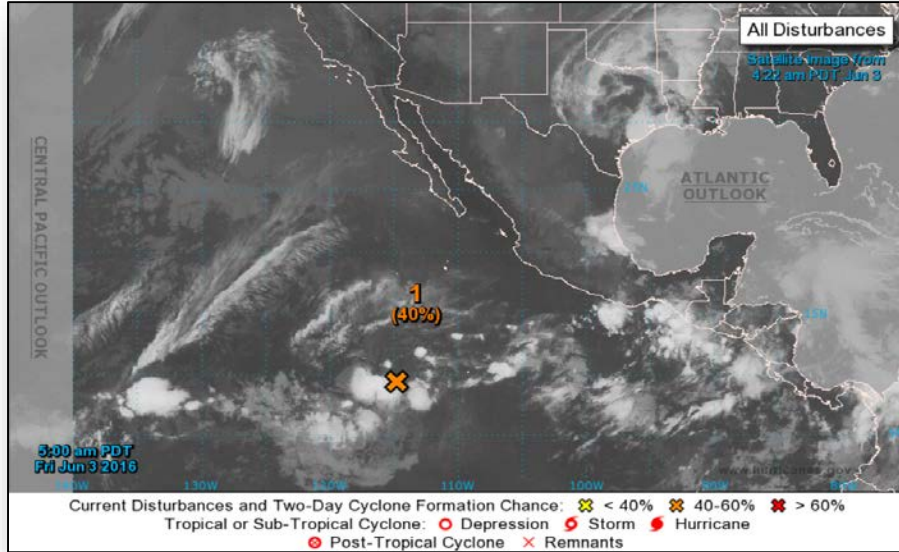
- Area of showers and thunderstorms has developed over the western Caribbean Sea
- Moving WNW toward the Yucatan Peninsula
- Low could develop into a tropical cyclone as it moves across eastern Gulf of Mexico and the Florida Peninsula next week
- Formation chance 48 hours: 10%
- Formation chance 5 day: 60%

## **Tropical Depression Bonnie:** (As of 8:00 a.m. EDT)

- Located 130 miles ENE of Cape Hatteras, NC
- Moving away from US interests
- Weakening is expected on Friday and expected to become a post-tropical low on Saturday



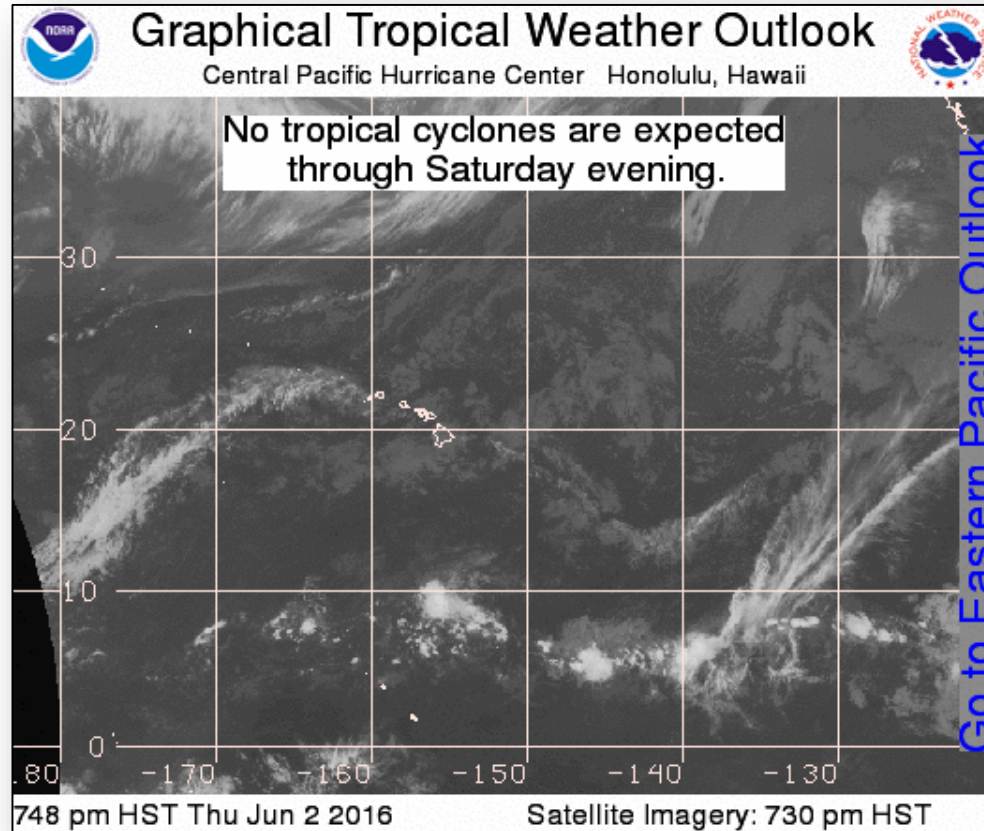
# Tropical Outlook – Eastern Pacific



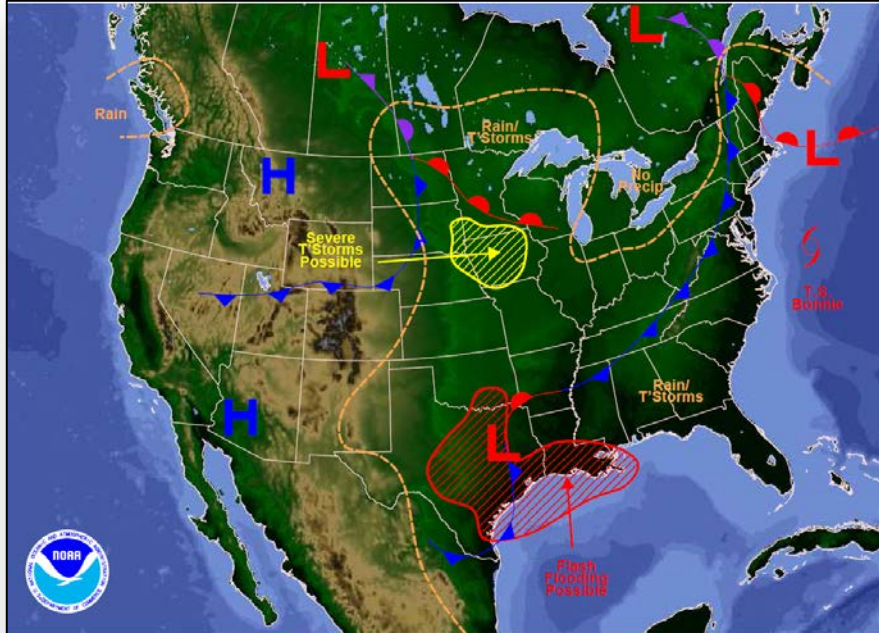
## **Disturbance 1:** (As of 2:00 a.m. EDT)

- Located 975 miles SSW of southern tip of Baja California peninsula
- Moving WNW at 10 mph
- Environmental conditions remains minimal and disorganized
- Tropical depression likely to form next few days
- Formation chance through 48 hours: MEDIUM (40%)
- Formation chance through 5 days: MEDIUM (60%)

# Tropical Outlook – Central Pacific

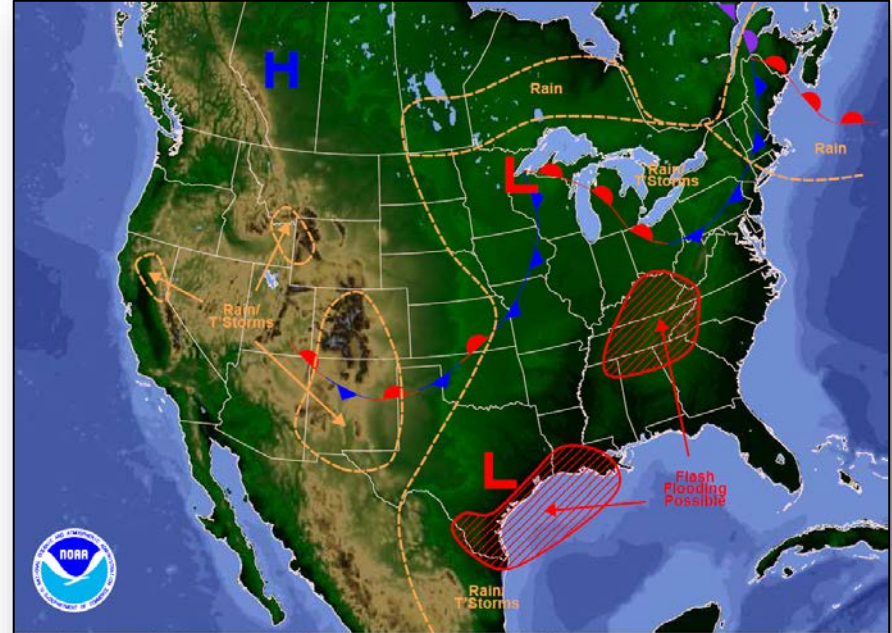


# National Weather Forecast



Weather Forecast for Fri, Jun 03, 2016, Issued 4:45 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

*Today*



Weather Forecast for Sat, Jun 04, 2016, Issued 4:48 AM EDT Fri, Jun 03, 2016  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

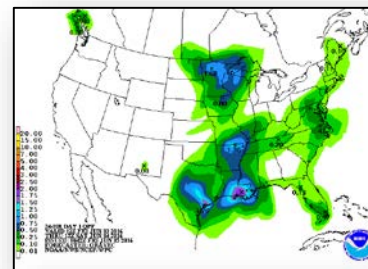
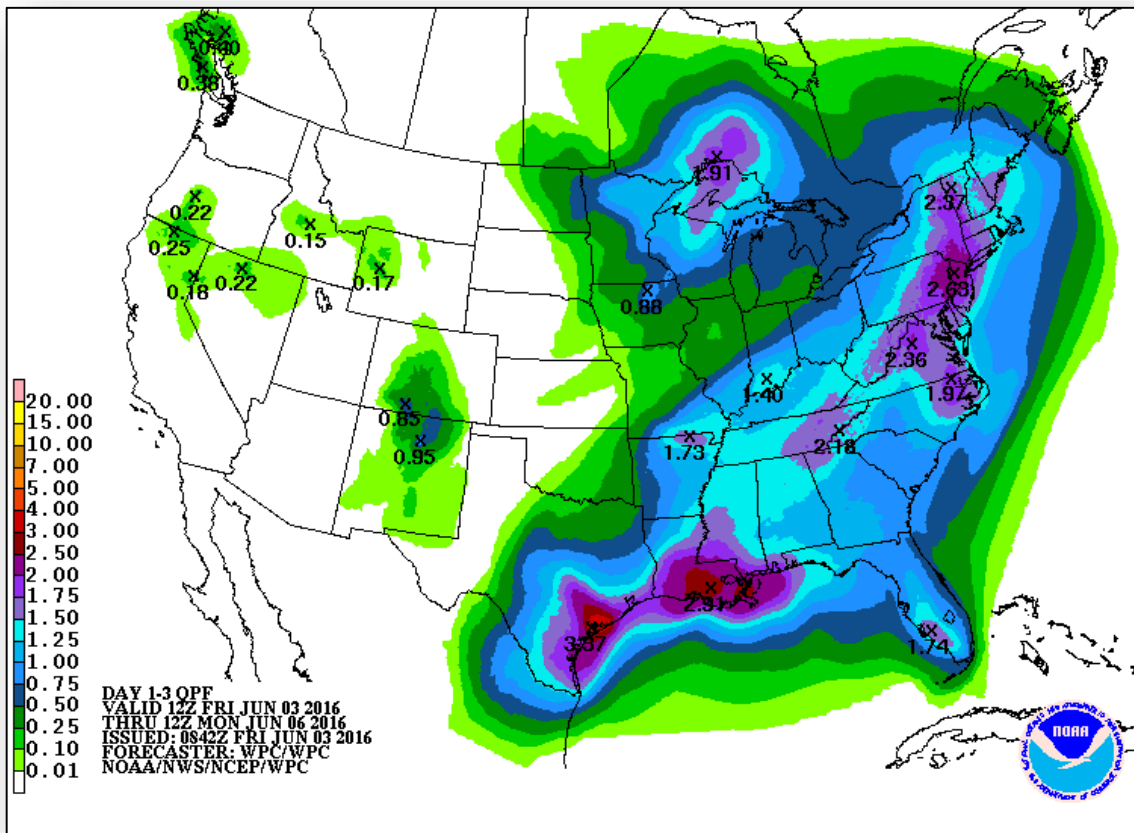
*Tomorrow*



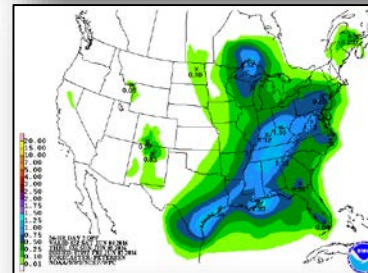
# Precipitation Forecast, 1-3 Day



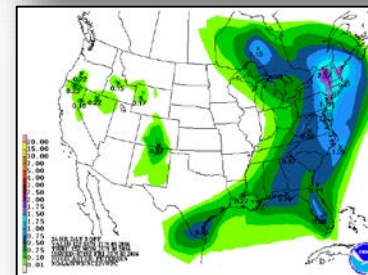
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Day 1

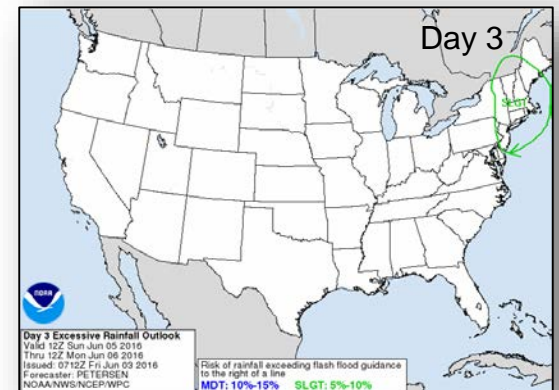
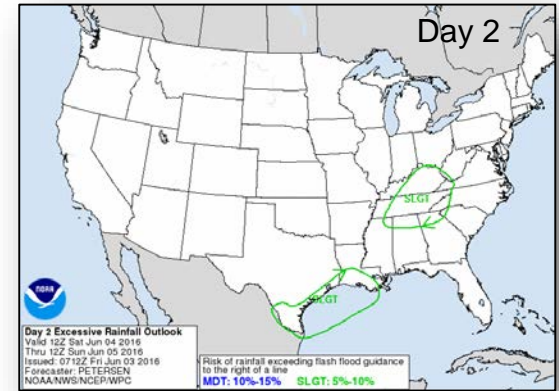
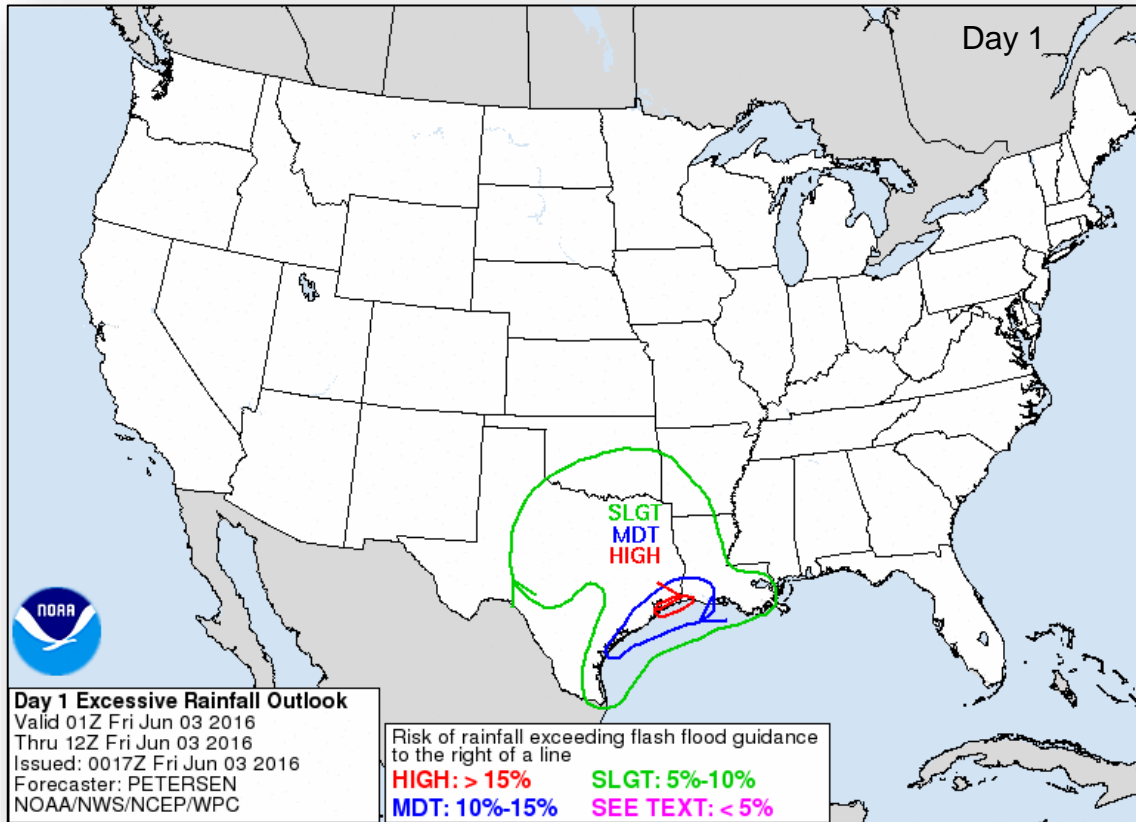


Day 2

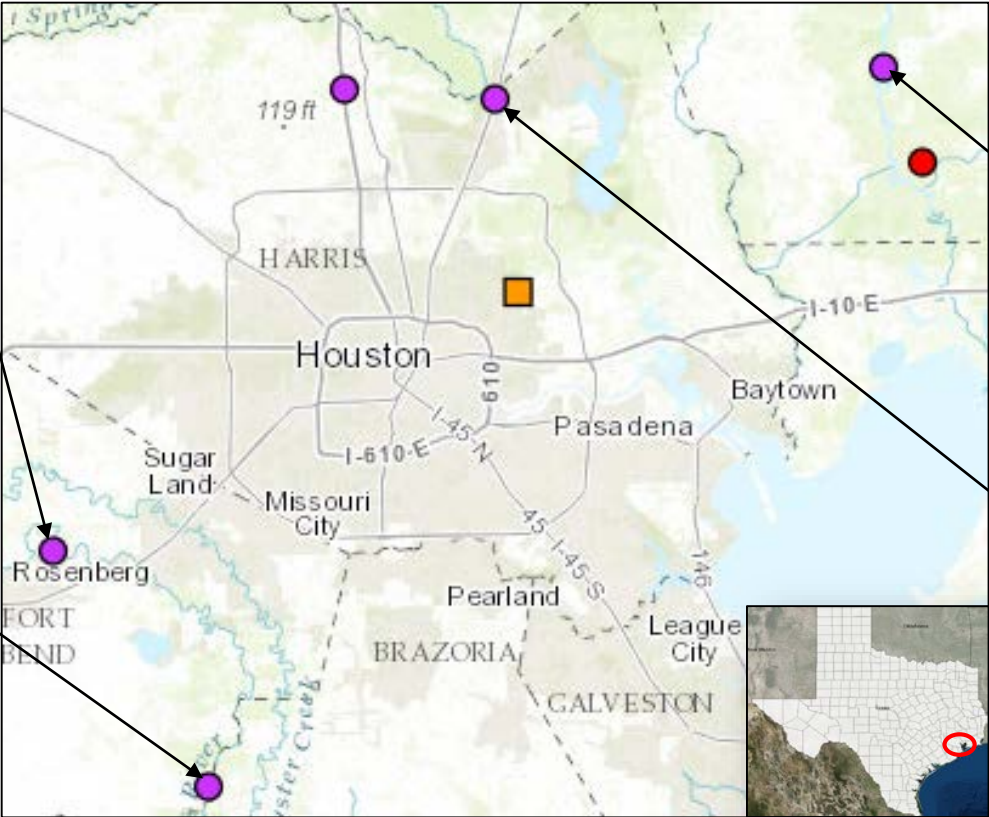


Day 3

# Flash Flood Potential



# Brazos/Trinity/San Jacinto Rivers – Texas



**Brazos River at Richmond**  
**Peak Level:** 54.8ft  
**Potential Impact:**

- Record flooding forecast with major flooding through late week
- Many homes and secondary roads are flooded



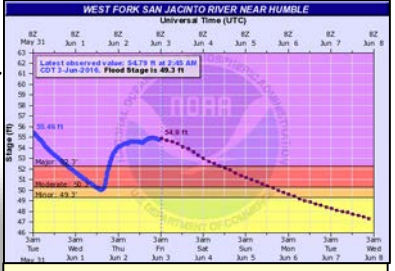
**Brazos River at Rosharon**  
**Forecast Peak Level:** 52.8ft  
**Potential Impacts**

- Major lowland flooding continues
- Many homes in several subdivisions begin flooding



**Trinity River at Liberty**  
**Peak Level:** 29.9ft  
**Potential Impact:**

- Major lowland flooding through the end of the week
- Homes in several subdivisions are flooded near the river



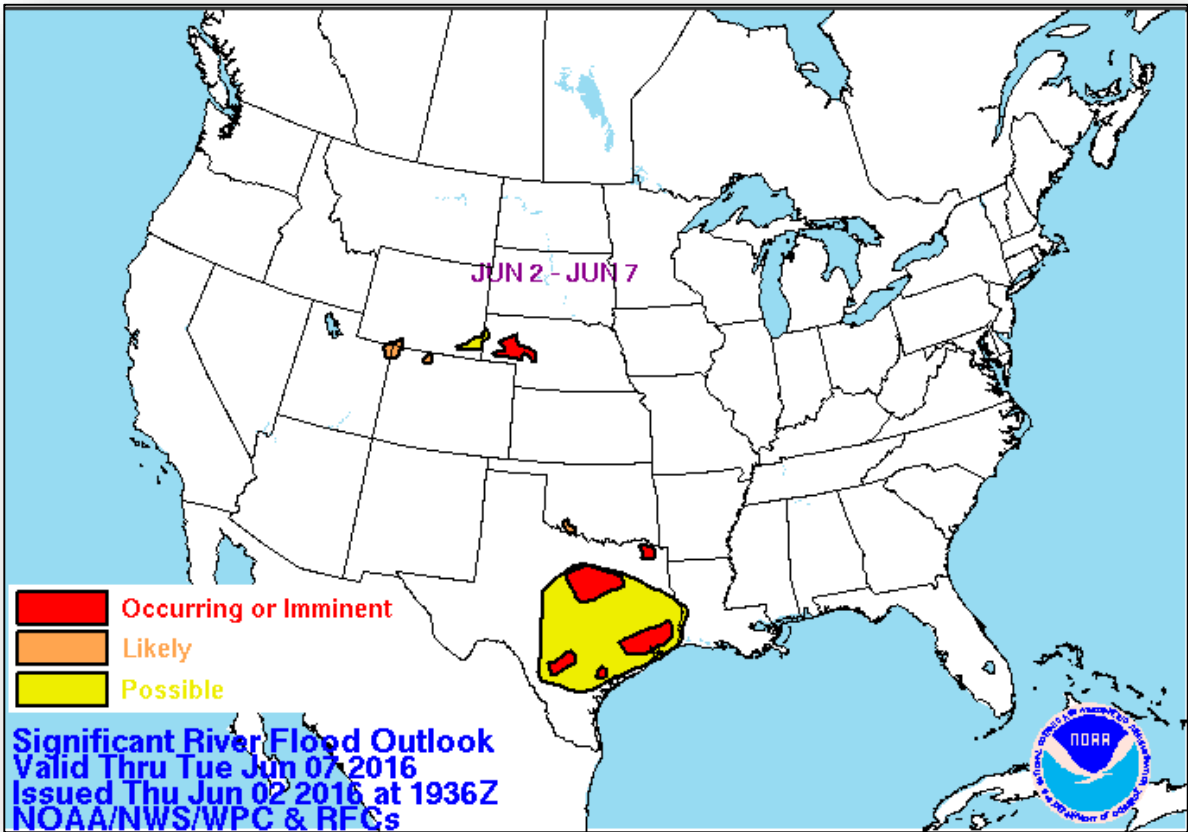
**West Fork San Jacinto River at Humble**  
**Peak Level:** 58.7ft  
**Potential Impact:**

- Major lowland flooding continues with up to 6 inches of water over several subdivisions
- Moderate lowland flooding continues with up to 1 foot of water over local roads and intersections

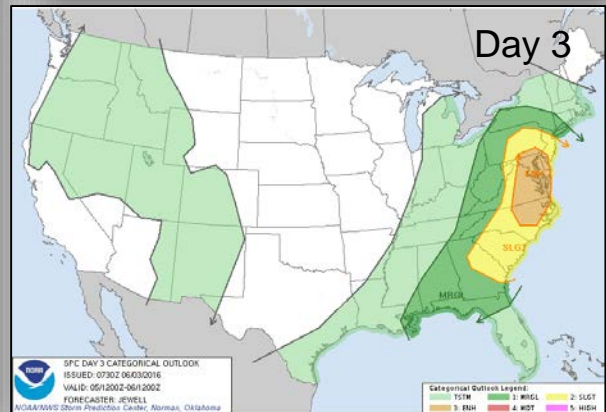
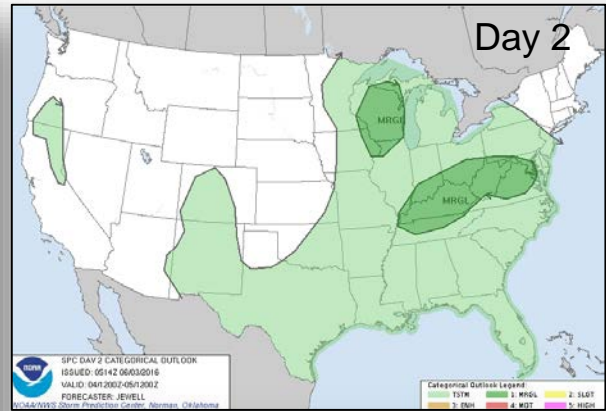
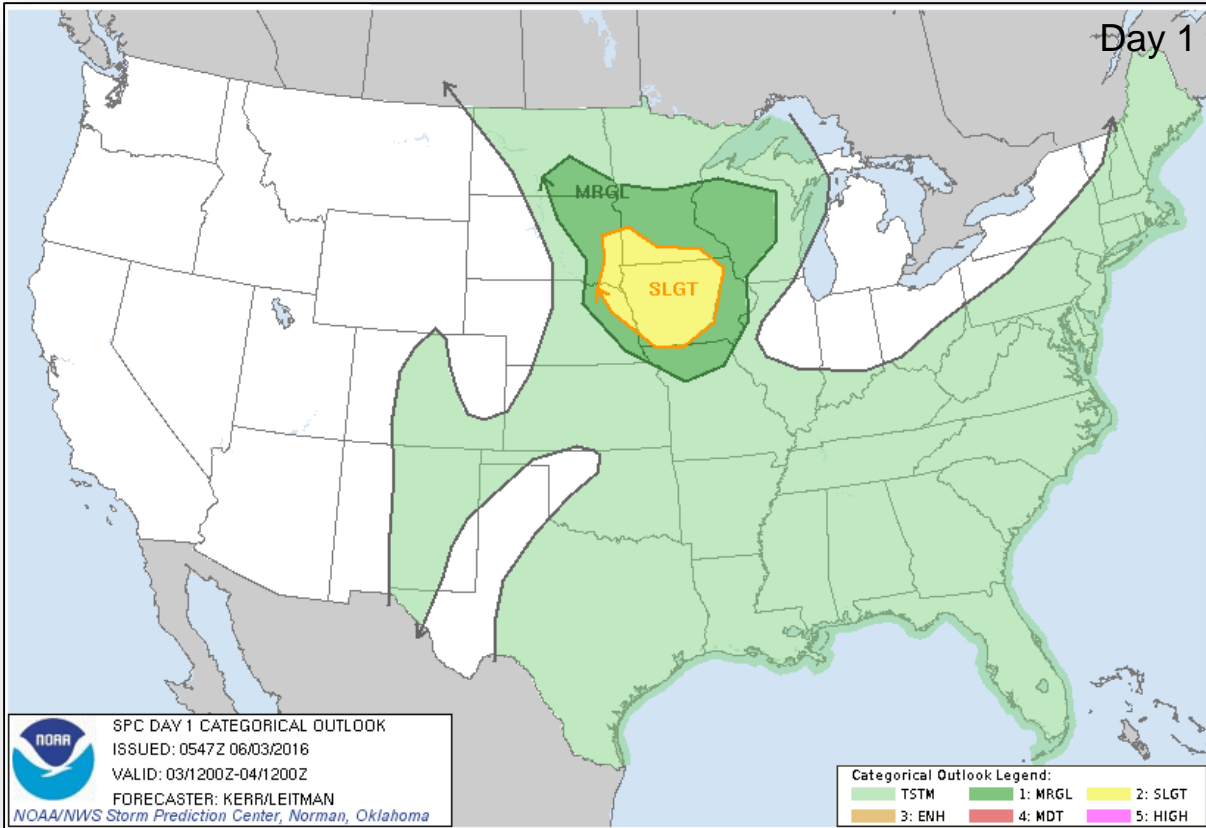
# Significant River Flood Outlook



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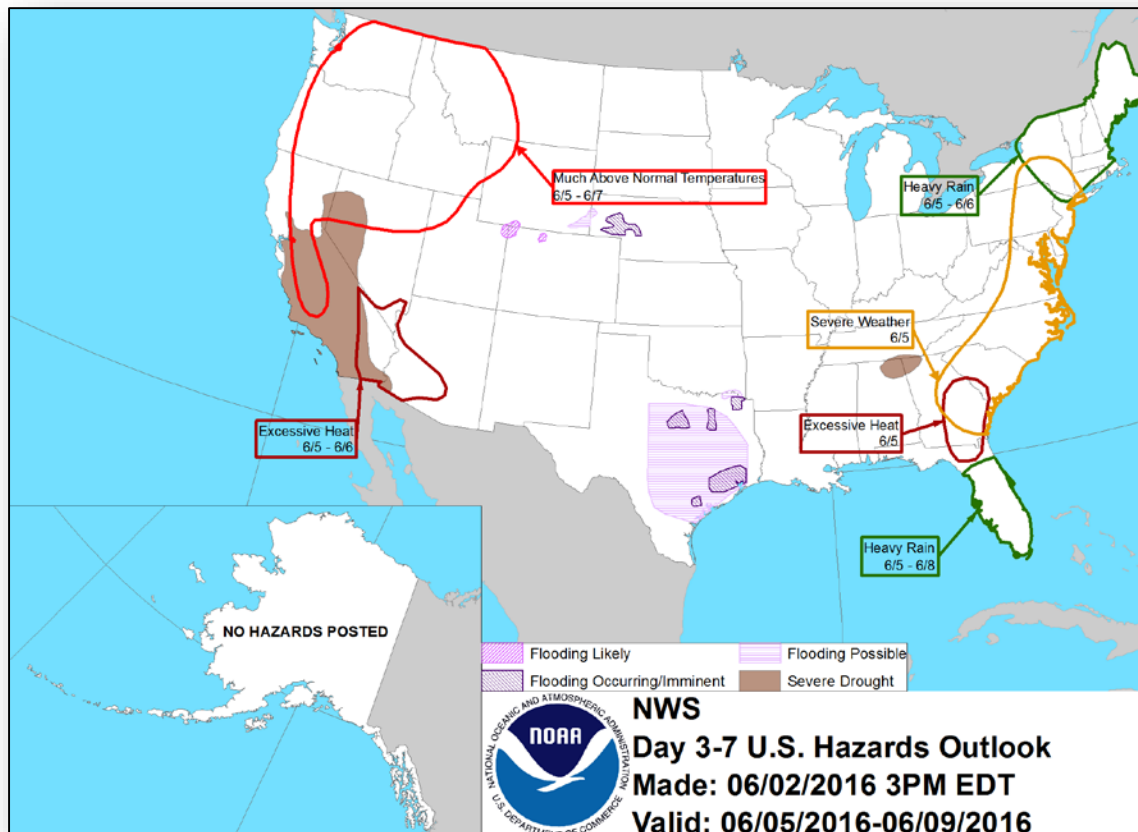
# Severe Weather Outlook: Days 1-3



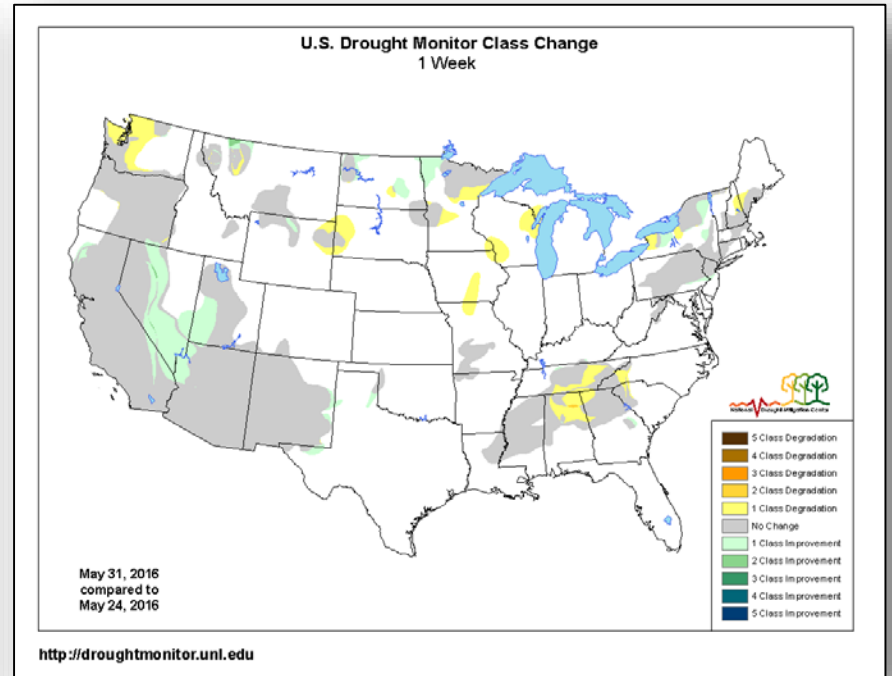
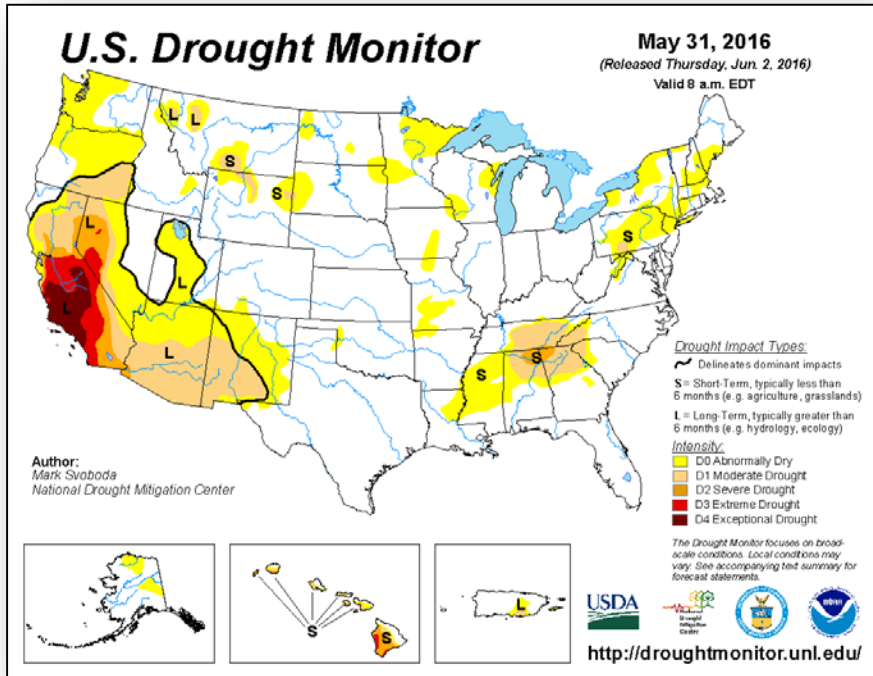
# Hazard Outlook, Jun 5-9



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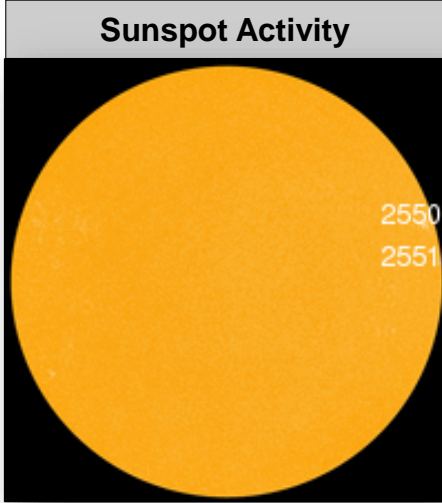
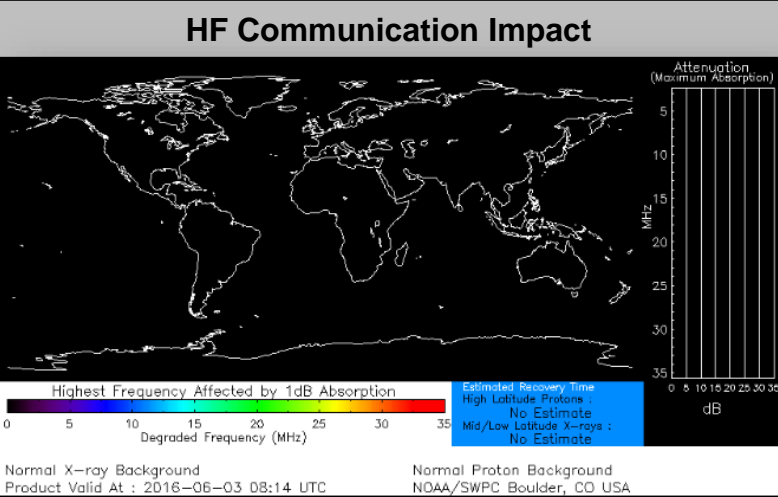
# U.S. Drought Monitor



# Space Weather



	Past 24 Hours	Current	Next 24 Hours
<b>Space Weather Activity</b>	<b>None</b>	<b>None</b>	<b>Moderate</b>
Geomagnetic Storms	None	None	G2
Solar Radiation Storms	None	None	None
Radio Blackouts	None	None	None



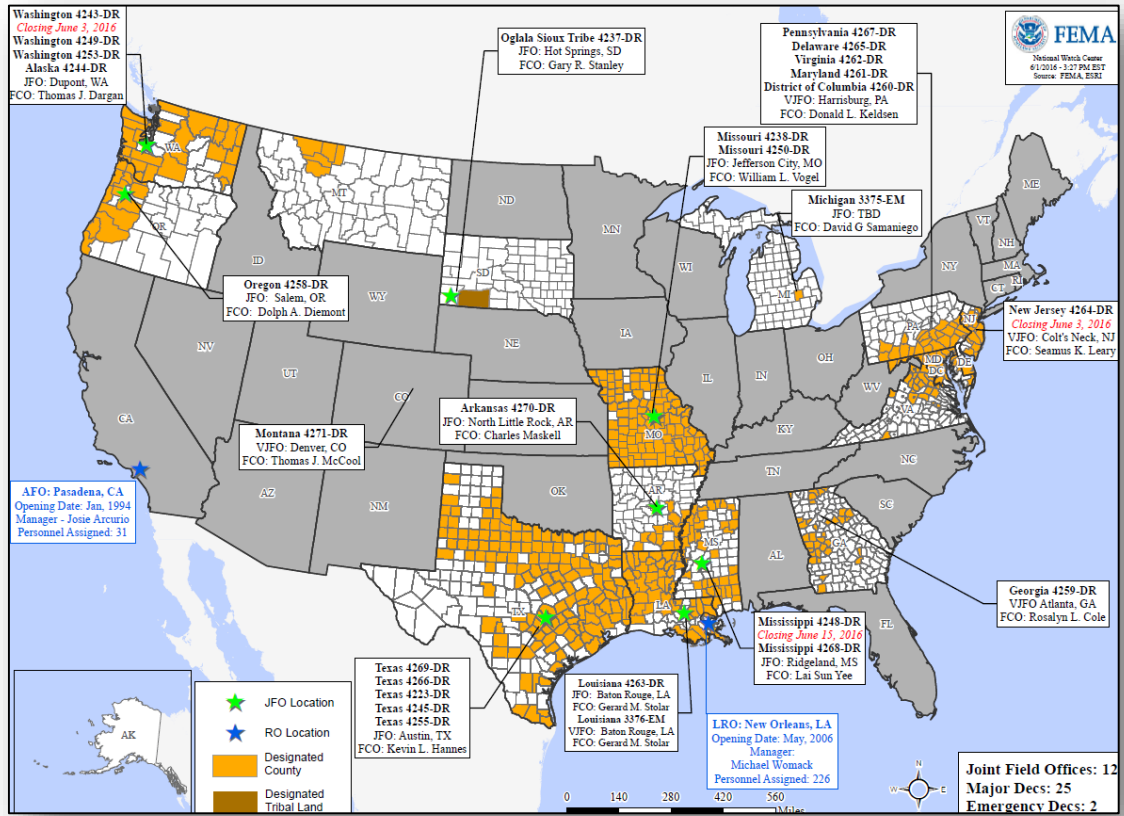


# Disaster Requests & Declarations



<b>Declaration Requests in Process</b>		<b>Requests APPROVED (since last report)</b>	<b>Requests DENIED (since last report)</b>
<b>1</b>	<b>Date Requested</b>	<b>0</b>	<b>0</b>
Louisiana – (Appeal) DR for Flooding	<b>May 13, 2016</b>		

# Open Field Offices as of Jun 3, 2016



# Joint Preliminary Damage Assessments



Region	State / Location	Event	I/PA	Number of Counties		Start – End
				Requested	Complete	
VIII	WY	Flooding (May 6, 2016 – May 8, 2016)	IA	3	3	5/16 – 5/17
			PA	3	0	TBD

# FEMA Readiness – Deployable Teams/Assets



Deployable Teams/Assets									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criterion
FCO	Yellow	33	16	48%	0	1	16		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	Green	9	4	44%	0	0	5		
US&R	Green	27	27	100%	0	0	0		<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	Green	3	3	100%		0	0		<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	<b>Deployed:</b> RV to MI (3375-MI) RVI Team 1 to TX (4266-TX); Team 2 to LA (4263-LA) RVIII to CO (DR-4271-MT)	<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 Teams	Green	18	17	94%	0	0	1	Bothell: 1 team deployed to Salem, OR (Cascadia Rising Exercise)	<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>

# FEMA Readiness – National/Regional Teams



National/Regional Teams									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Status	Comments	Rating Criterion
NWC		5	5	100%	0	0	Watch / Steady state		<ul style="list-style-type: none"> <li>• Green = FMC</li> <li>• Yellow = PMC</li> <li>• Red = NMC</li> </ul>
NRCC		2	344	89%	0	44	Not Activated		
HLT		1	N/A	N/A	0	0	Activated		
DEST							Not Activated		
RRCCs		10	10	100%	0	0	Not Activated		
RWCs/MOCs		10	10	100%	0	0	Not Activated	Region VI – Enhanced Watch (day shift only)	



# 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.**