

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**

**Wednesday, June 10, 2015**

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

# Significant Activity: June 9-10



**Significant Events:** None

**Tropical Activity:**

- Atlantic – Tropical cyclone activity not expected next 48 hours
- Eastern Pacific – Disturbance 1 – High (80%)
- Central Pacific – No tropical cyclones are expected through Thursday night
- Western Pacific – No activity affecting U.S. territories

**Significant Weather:**

- Severe thunderstorms possible – Central/Northern Plains to Great Lakes
- Flash flooding possible – Central Great Basin, Southern/Central Rockies & Southwest; Northern/Central Plains
- Red Flag Warnings – OR & WA; Elevated Fire Weather areas – OR & WA
- Space Weather: No space weather storms were observed past 24 hours; none predicted next 24 hours

**Declaration Activity:**

- Amendment No. 2 to FEMA-4223-DR-TX
- Amendment No. 5 to FEMA-4222-DR-OK

**FEMA Readiness:** No activity

# TRMM Satellite Re-entry

## Tropical Rainfall Measuring Mission (TRMM) Satellite

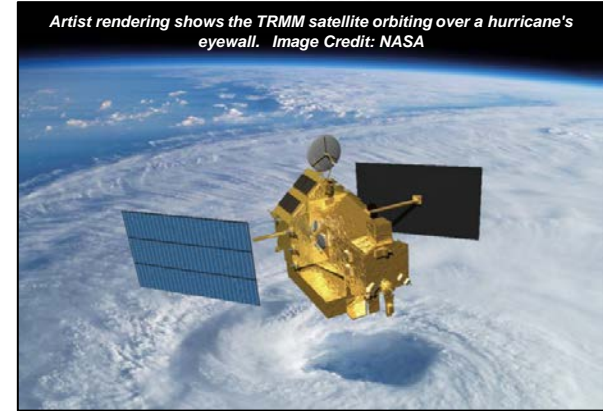
- Joint US/Japan mission to study rainfall for weather & climate research
- In April of 2015, after 17 years, TRMM instruments were turned off
- Satellite expected to enter Earth's atmosphere on June 17
  - 96% of the 5,800-pound spacecraft will burn up in the atmosphere
  - Twelve fragments expected to survive reentry
    - Debris is made of titanium alloys and not considered toxic
    - Could have sharp edges; should not be touched/handled

## **Potential Impacts**

- **Low risk** for human injury (approximately 1 in 4,200)
- Exact location of the re-entry cannot be predicted
- Currently, most of North America is outside of the potential re-entry area
- There has never been a confirmed report of an injury resulting from re-entering space objects

## **Response**

- DoD and NASA are monitoring the decay and re-entry carefully
- JSpOC will issue periodic updates of re-entry time and location
- FEMA NWC remains at Watch/Steady State

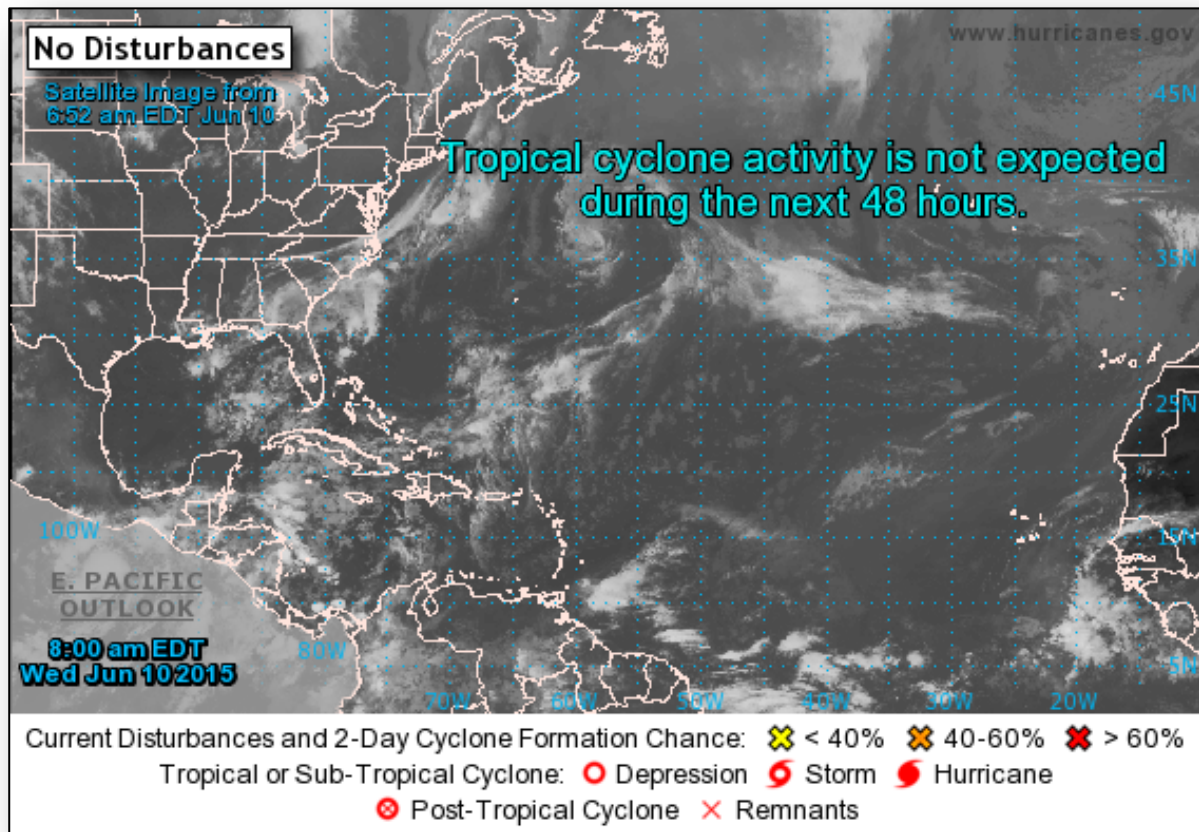


Because TRMM's orbit brings it only over the tropics between 35 degrees North latitude and 35 degrees South latitude, Europe, Russia and most of North America and Japan are outside of the potential re-entry area (shown here in gray). Credits: NASA

# 2-Day Tropical Outlook – Atlantic



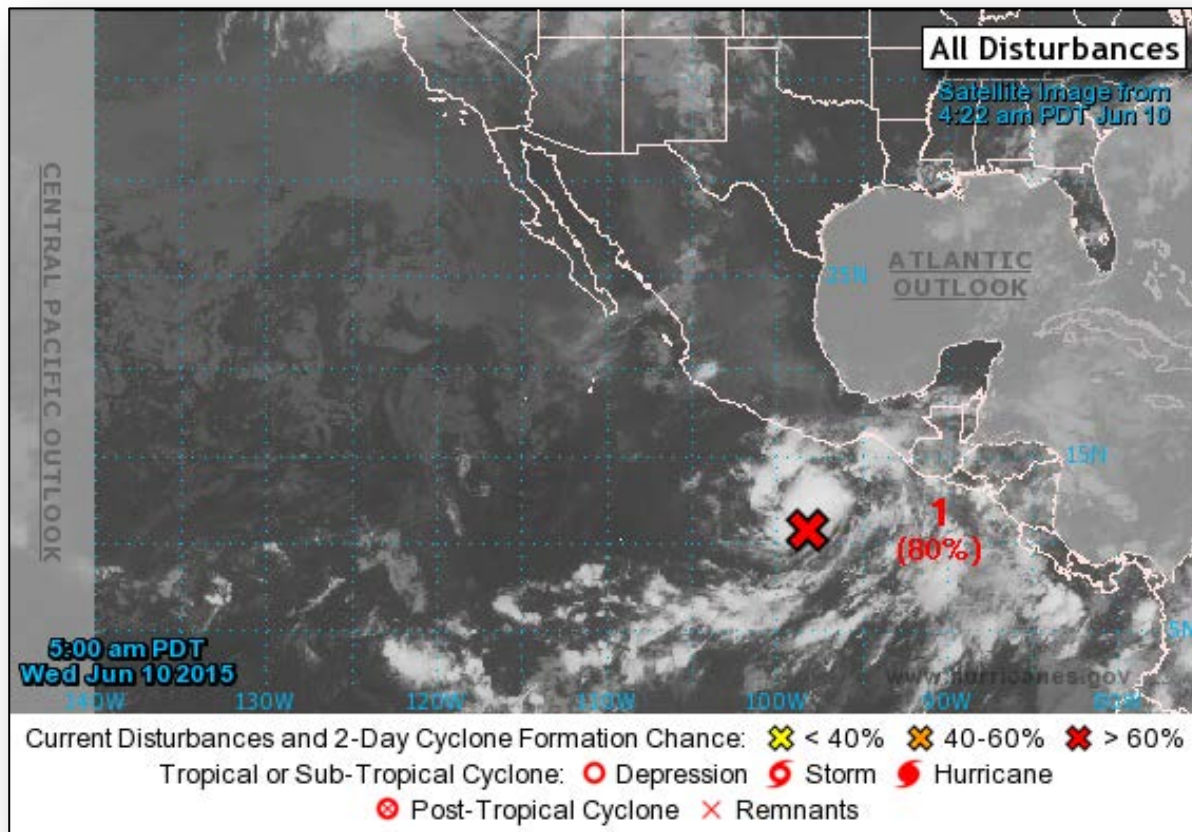
FEMA



# 2-Day Tropical Outlook – Eastern Pacific

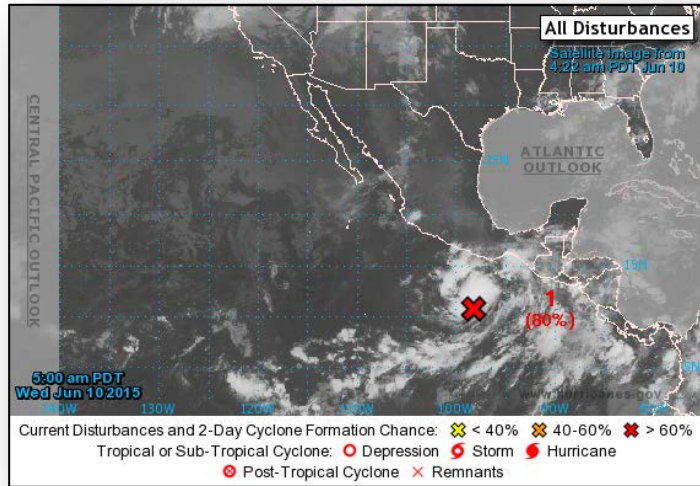


FEMA





# Eastern Pacific – Disturbance 1



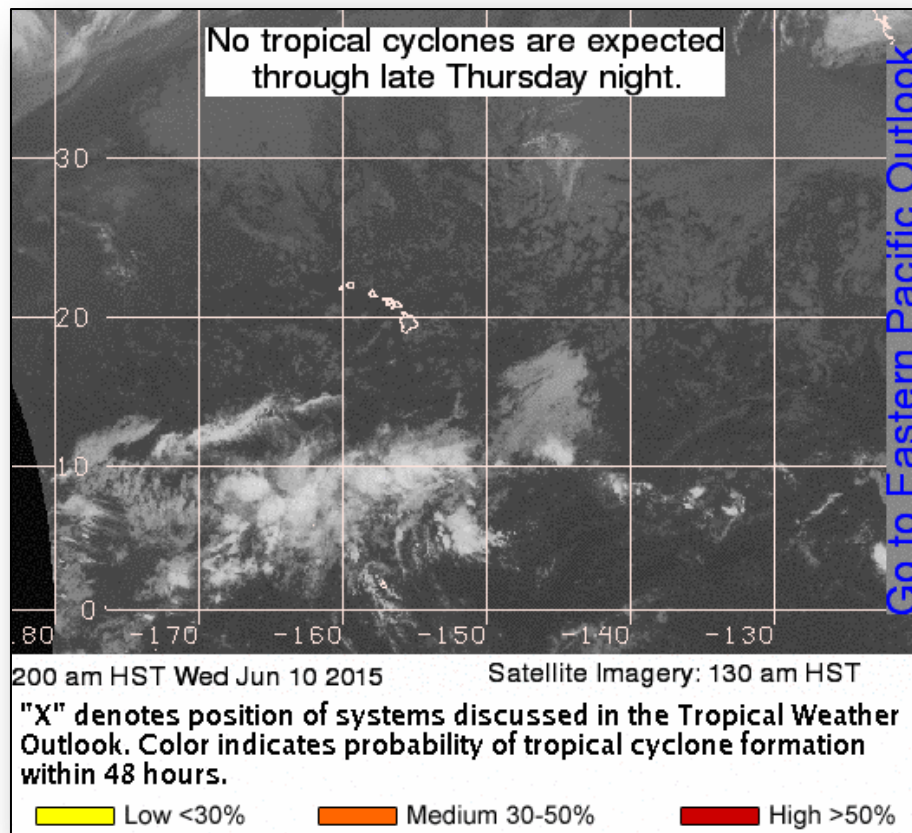
## **Disturbance 1:** (as of 8:00 am EDT)

- Located a few hundred miles SW of Gulf of Tehuantepec
- Moving slowly NW or N
- Conditions are conducive for development
- Tropical depression likely to form later today or on Thursday
- Probability of tropical cyclone formation:
  - Next 48 hours: High (80%)
  - Next 5 days: High (90%)

# Tropical Outlook – Central Pacific



FEMA





# Disaster Requests & Declarations



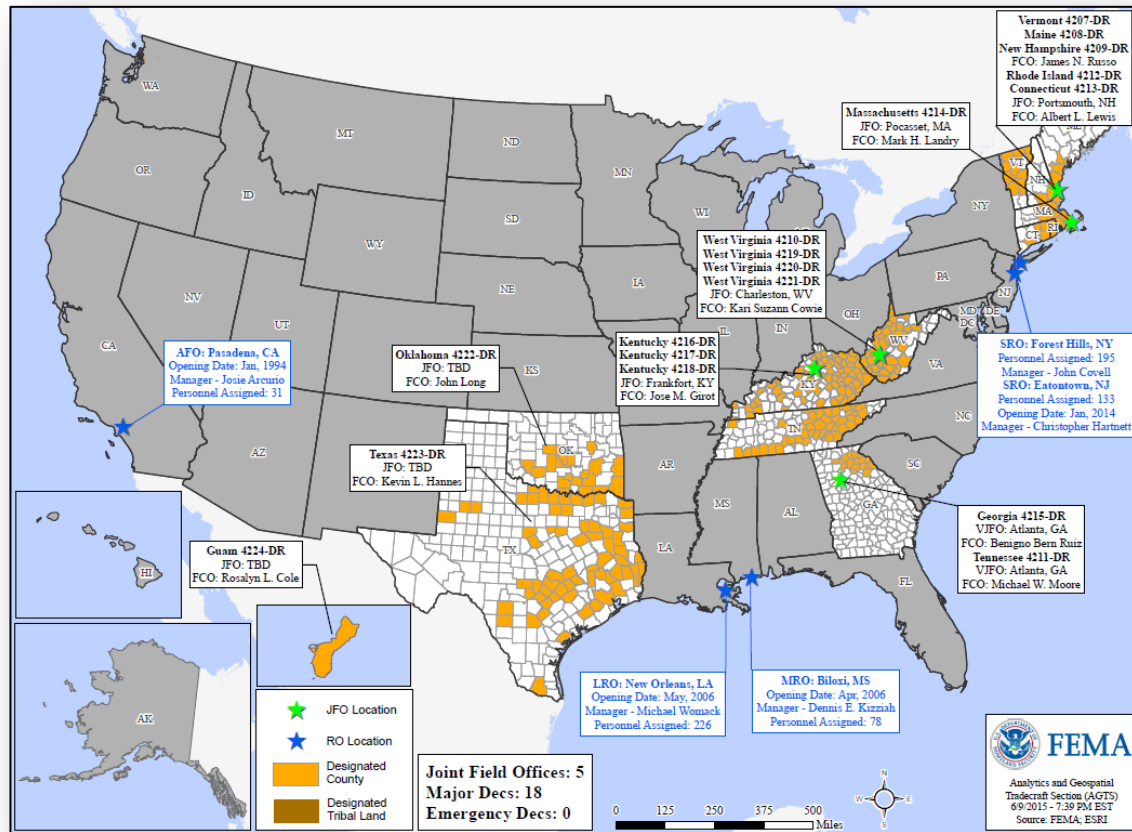
Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
1	Date Requested	0	0
MD – DR Civil Unrest	May 22, 2015		

# Disaster Amendments



Amendment	Effective Date	Action
Amendment No.5 to FEMA-4222-DR-OK	June 9, 2015	Adds 9 counties for Public Assistance
Amendment No.2 to FEMA-4223-DR-TX	June 9, 2015	Adds 51 counties for Public Assistance

# Open Field Offices as of June 10

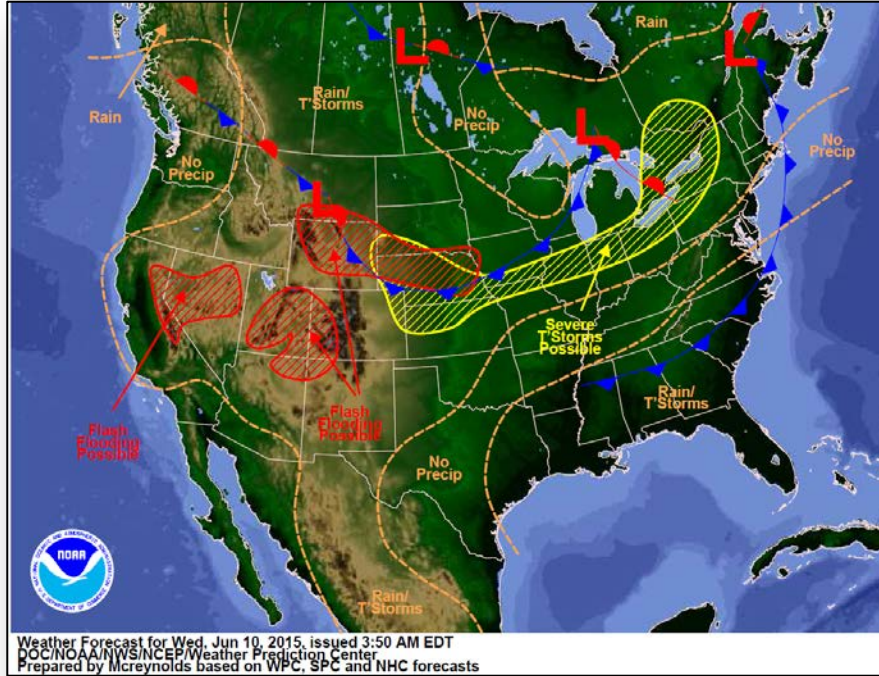


# Joint Preliminary Damage Assessments

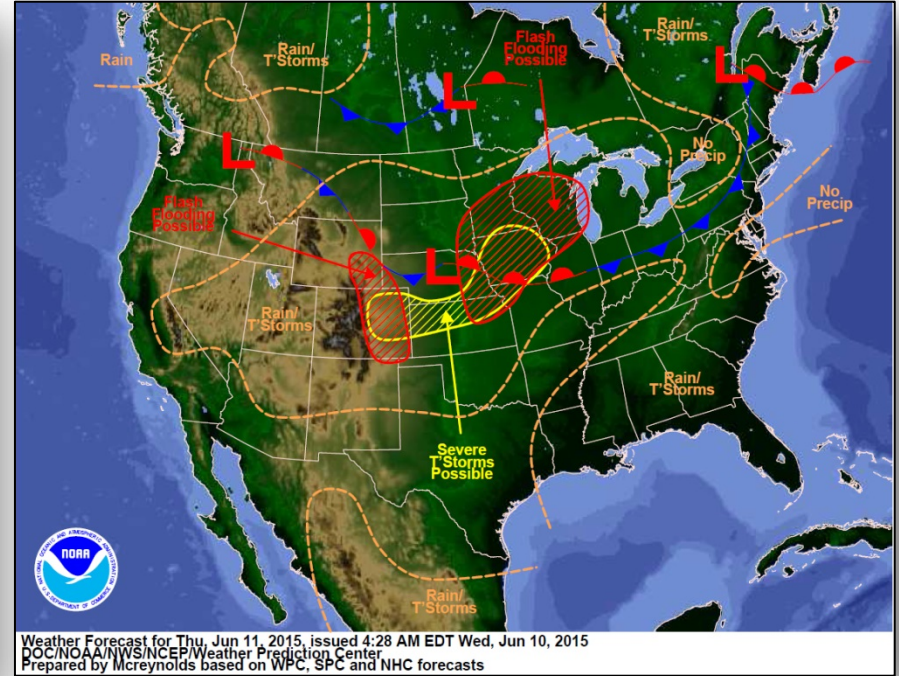


Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Complete	
VI	AR	Severe Storms and Flooding	IA	13	0	6/4 – TBD
			PA	30	20 (+3)	5/28 – TBD
VI	OK	Severe Storms and Flooding May 1 and continuing	IA	26	8	5/29 – TBD
			PA	64 (+4)	41 (+8)	5/18 – TBD
VI	TX	Severe Storms, Tornadoes and Flooding May 5 and continuing	IA	18 (+3)	6	5/22 – TBD
			PA	56 (+19)	15 (+2)	5/22 – TBD
VII	KS	Severe Weather, Flooding and High Winds May 4 and continuing	PA	43	0	6/15 – TBD
VIII	CO	Severe Storms and Flooding April 28 and continuing	PA	8	7	6/3 – TBD
VIII	WY	Severe Storms and Flooding June 4 and continuing	IA	2	0	6/10 – TBD

# National Weather Forecast

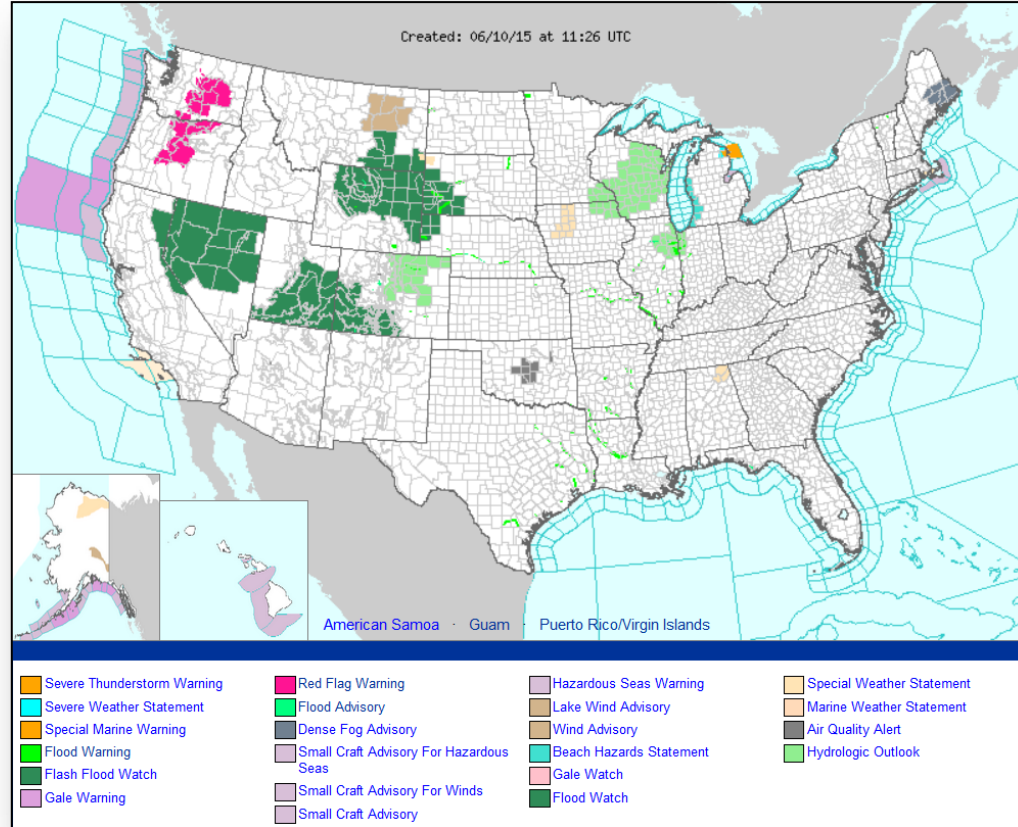


*Today*



*Tomorrow*

# Active Watches/Warnings

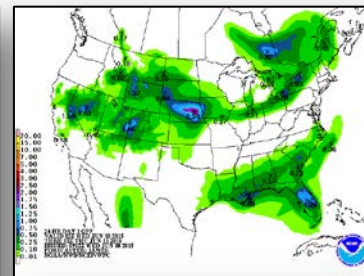
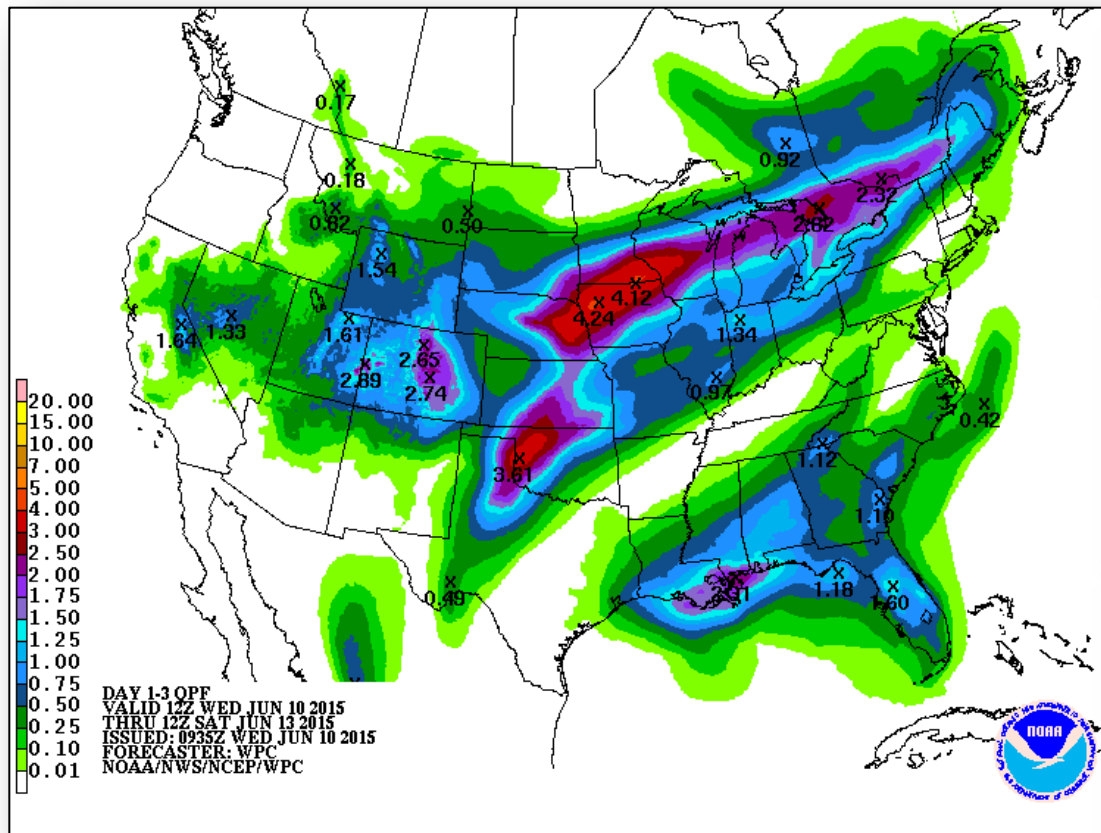




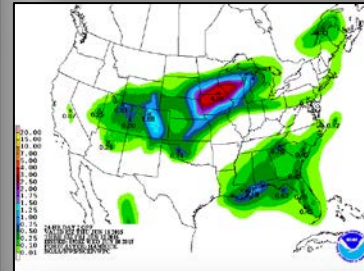
# Precipitation Forecast, 1-3 Day



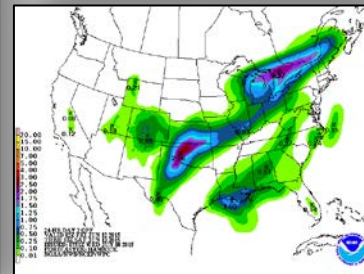
FEMA



Day 1



Day 2

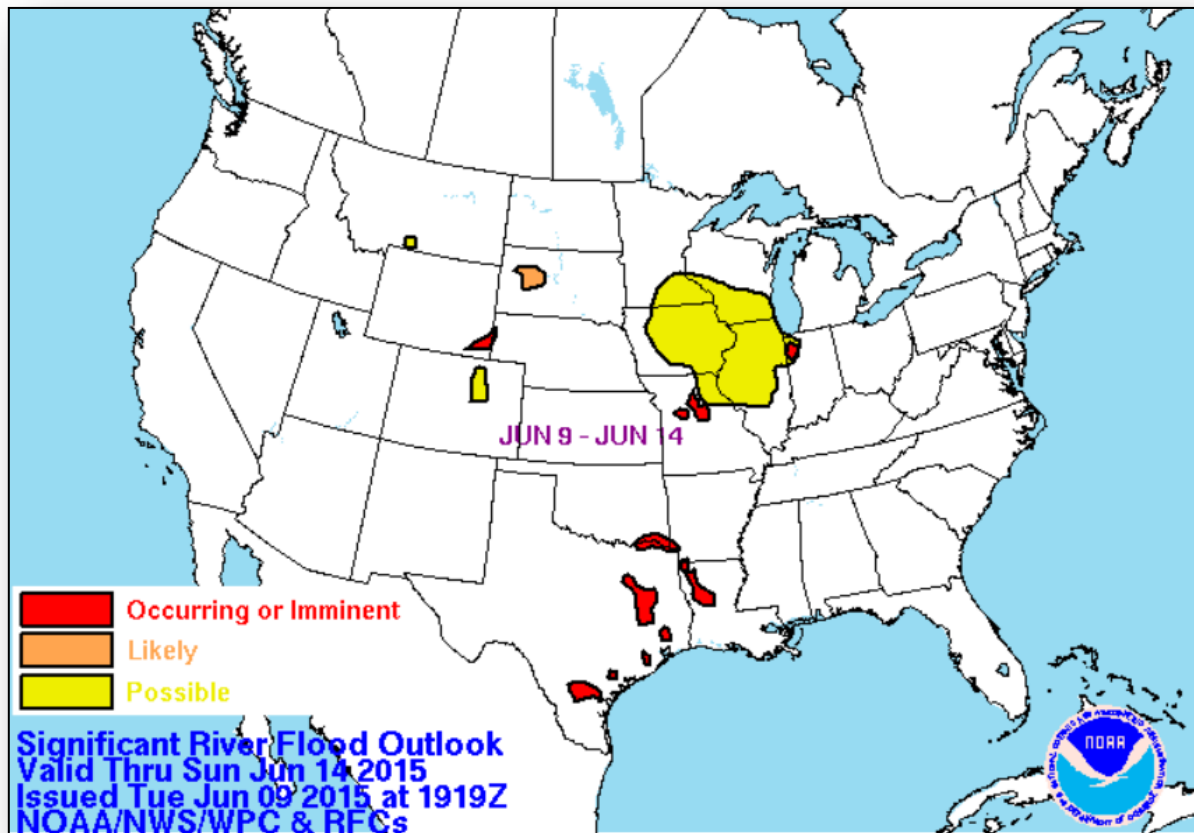


Day 3

# Significant River Flood Outlook



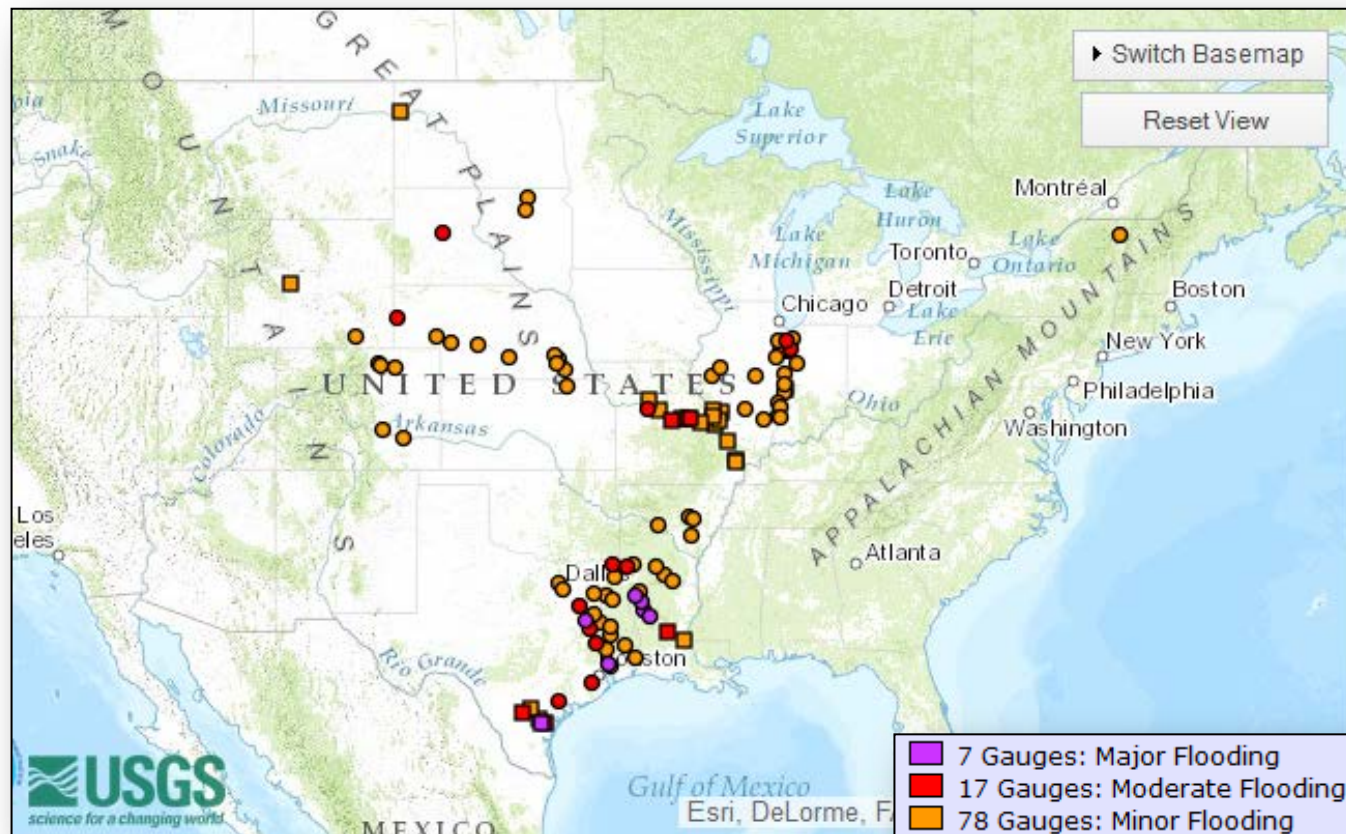
FEMA



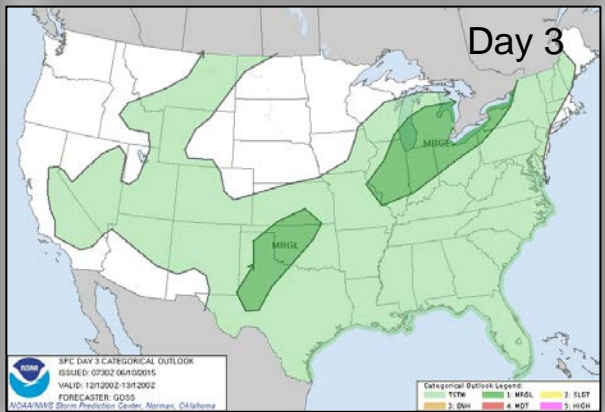
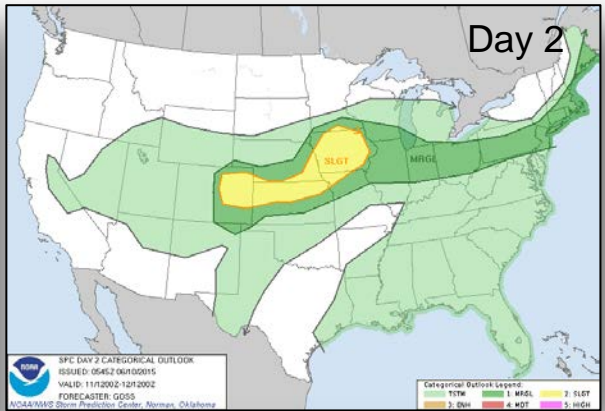
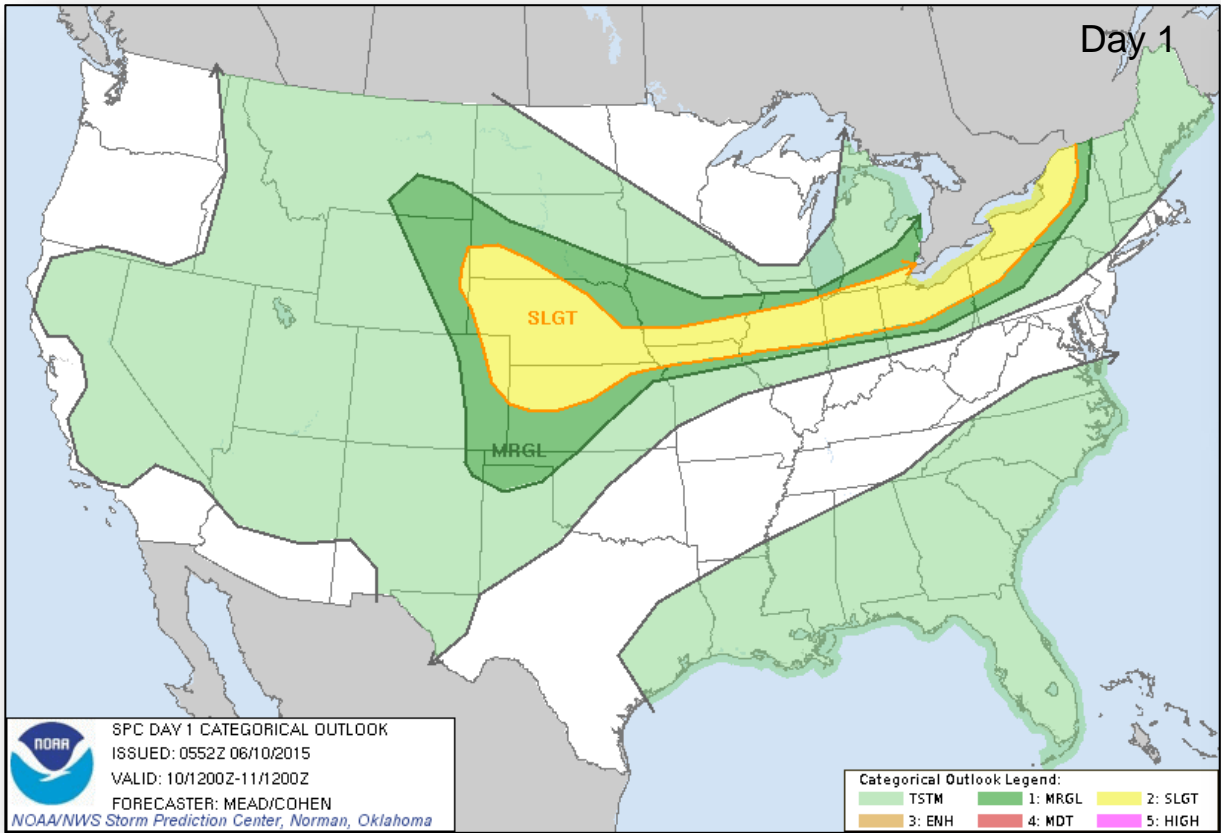
# River Forecast



FEMA



# Severe Weather Outlook, Days 1-3



**Categories**

Thunderstorms

Marginal Risk

Slight Risk

Enhanced Risk

Moderate Risk

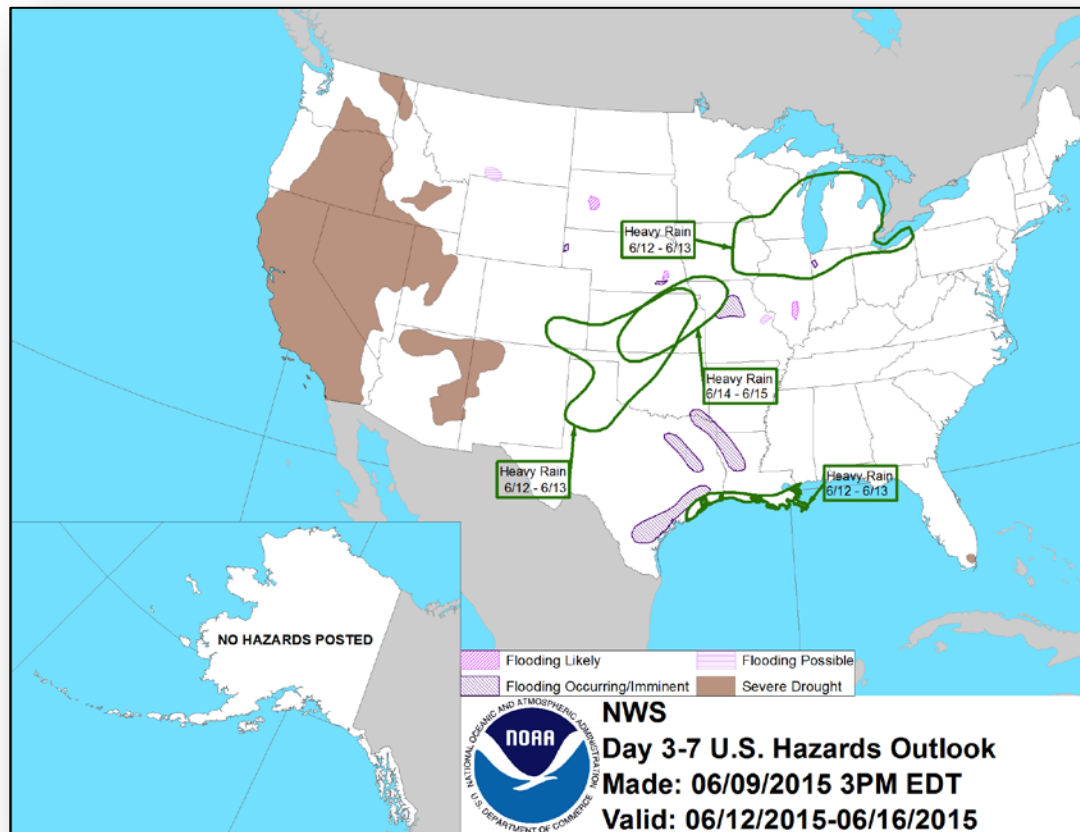
High Risk



# Hazard Outlook, June 12-16



FEMA

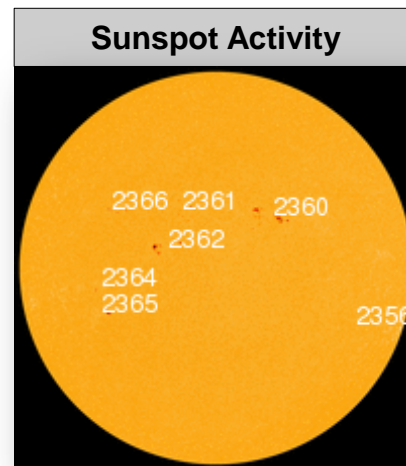
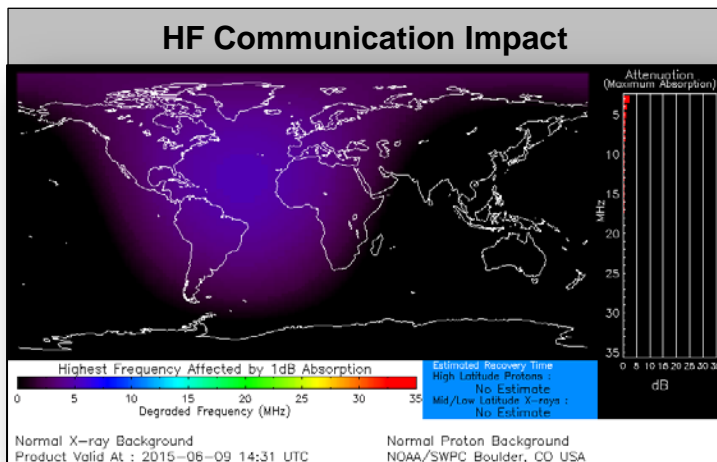


# Space Weather



FEMA

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





# FEMA Readiness – Deployable Teams /Assets



Deployable Teams/Assets									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criterion
FCO		36	13	36%	0	2	21		OFDC Readiness: FCO   Green   Yellow   Red Type 1   3+   2   1 Type 2   4+   3   2 Type 3   4   3   2
FDRC		9	8	89%	0	0	1		FDRC   3   2   1
US&R		28	26	92%	0	1	1	NM-TF1 (Red) – Personnel shortages WA-TF1 (Yellow) – U.S. Open (June 1-30)	<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		3	3	100%	0	0	0		<ul style="list-style-type: none"><li>• Green: 3 avail</li><li>• Yellow: 1-2 avail</li><li>• Red: 0 avail (Individual N-IMAT red if 50% of Section Chiefs and/or Team Leader is unavailable for deployment.)</li></ul>
Regional IMAT		13	7	54%	1	3	2	<b>Deployed (Blue):</b> RII (Team A) to TX supporting FEMA-4223-DR-TX RVI (Team 1) to TX <b>Available/ Partially Mission Capable (Yellow):</b> RX – Personnel Shortages <b>Not Mission Capable (Red):</b> RIX (Team 1) – Personnel Shortages RIV (Team 3) RVI (Team 2)	<ul style="list-style-type: none"><li>• Green: 7 or more avail</li><li>• Yellow: 4 - 6 teams available</li><li>• Red: &gt; 8 teams deployed/unavailable</li></ul> <i>R-IMAT also red if TL Ops/Log Chief is unavailable &amp; has no qualified replacement</i>
MCOV		60	33	55%	0	6	21	12 units to TX (5 additional to TX Jun 11) 1 unit to OK (3 additional to OK Jun 9)	<ul style="list-style-type: none"><li>• Green = 80 – 100% avail</li><li>• Yellow = 60 – 79% avail</li><li>• Red = 59% or below avail</li><li>• Readiness remains 95%</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	Not Activated		• Green = FMC • Yellow = PMC • Red = NMC
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	Activated	RVI 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.**