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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**

**Sunday, June 28, 2015**

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

# Significant Activity: June 27-28



## **Significant Events:**

- Severe Weather – Northern Plains/Southeast and Mid-Atlantic
- M 5.2 Earthquake – Volcano, HI

## **Tropical Activity:**

- Atlantic: Tropical cyclone activity not expected next 48 hours
- Eastern Pacific: Tropical cyclone activity not expected next 48 hours
- Central Pacific: Disturbance 1; Low (10%) elsewhere - no activity expected through Mon evening
- Western Pacific: No activity affecting U.S. territories

## **Significant Weather:**

- Severe thunderstorms possible - Mid-Mississippi Valley
- Showers and thunderstorms – Northeastern U.S.
- Red Flag Warnings, Critical/Elevated Fire Weather Areas: Pacific Northwest & CA
- Dry thunderstorms - Pacific Northwest & CA

## **Space Weather:**

- Past 24 hours: Minor – S1 solar radiation storms occurred
- Next 24 hours: Minor – G2 geomagnetic storms & R1 radio blackouts likely

**Declaration Activity:** No activity

# Severe Weather – Northern Plains/Southeast and Mid-Atlantic



## Current Situation:

- On Saturday June 27, Heavy rain, large hail, damaging wind & 21 possible tornadoes occurred
- Tornadoes: 17 in ND, 1 in SD, 1 in NC, 1 in PA and 1 in VA; majority of strong wind reports in the SE
- Rain is expected again today with severe thunderstorms possible in Middle Mississippi Valley

## Impacts:

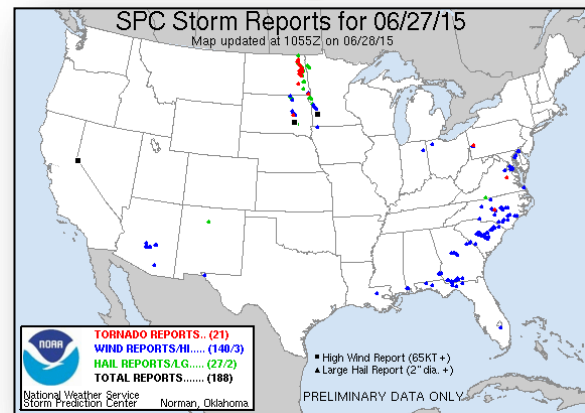
- No confirmed fatalities/injuries & no major property damage reported as a result of these storms
- Heavy rains led to sewage overflow (up to 150k gallons) at water treatment plant in Baltimore, MD
- Media reports indicate minor wind damage to roofs in ND and localized flooding in the Mid-Atlantic
- The most significant impact appears to be the loss of power as a result of downed trees and power lines
- As of 7:30 a.m., approx. 164K customers were without power across FEMA Regions II, III, & V
- Majority of outages are located in:
  - MI (102K), IN (19K), NJ (34K), and PA (9K)
  - Outages are down from their peaks in all States except in Michigan with Oakland (26K) and Wayne (58K) counties most heavily impacted

## State/Local Response:

- PA EOC briefly activated to Level II and returned to normal operations this morning
- IL EOC will resume partial activation on 7:00 a.m. EDT, Monday
- All other State EOCs remain at Normal Ops
- One shelter is open in Ohio with 4 occupants

## FEMA Response:

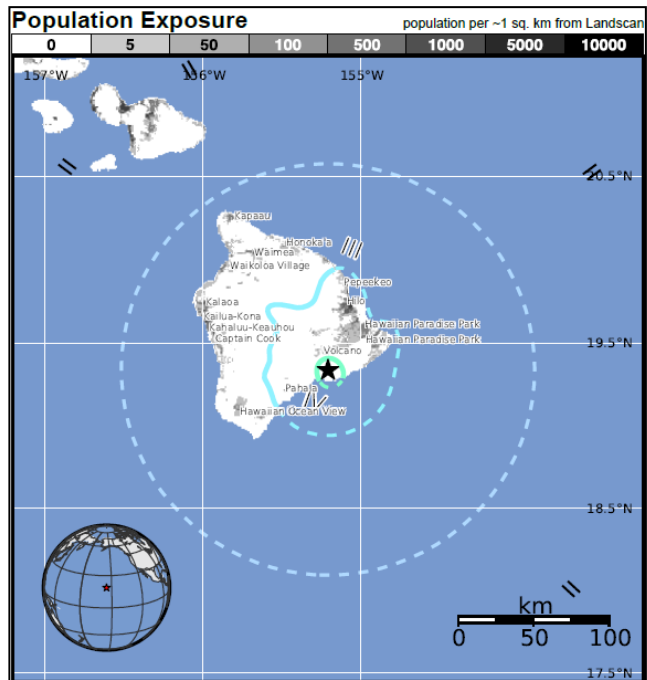
- All FEMA Regions remain at Watch/Steady State
- No shortfalls reported No requests for FEMA assistance,



Flooding in Glen Burnie, MD  
(CBS Baltimore)

*\*Note: Customer outage data is provided by the Department of Energy's EAGLE-I system. Comprehensive National coverage of all electrical service providers is not available.*

# Earthquake Activity – Hawaii



## **M 5.2 – Volcano, Hawaii**

- Occurred at 4:10 am EDT on June 28, 2015
  - 8 miles S of Volcano; 30 miles SSW of Hilo
  - Depth of 5 miles
- USGS issued a Green PAGER, indicating:
  - Low likelihood of shaking-related damage or casualties
  - Approx. 102k residents exposed to light shaking (MMI IV)
- No initial reports of damage or injury
- No tsunami generated
- No requests for FEMA assistance

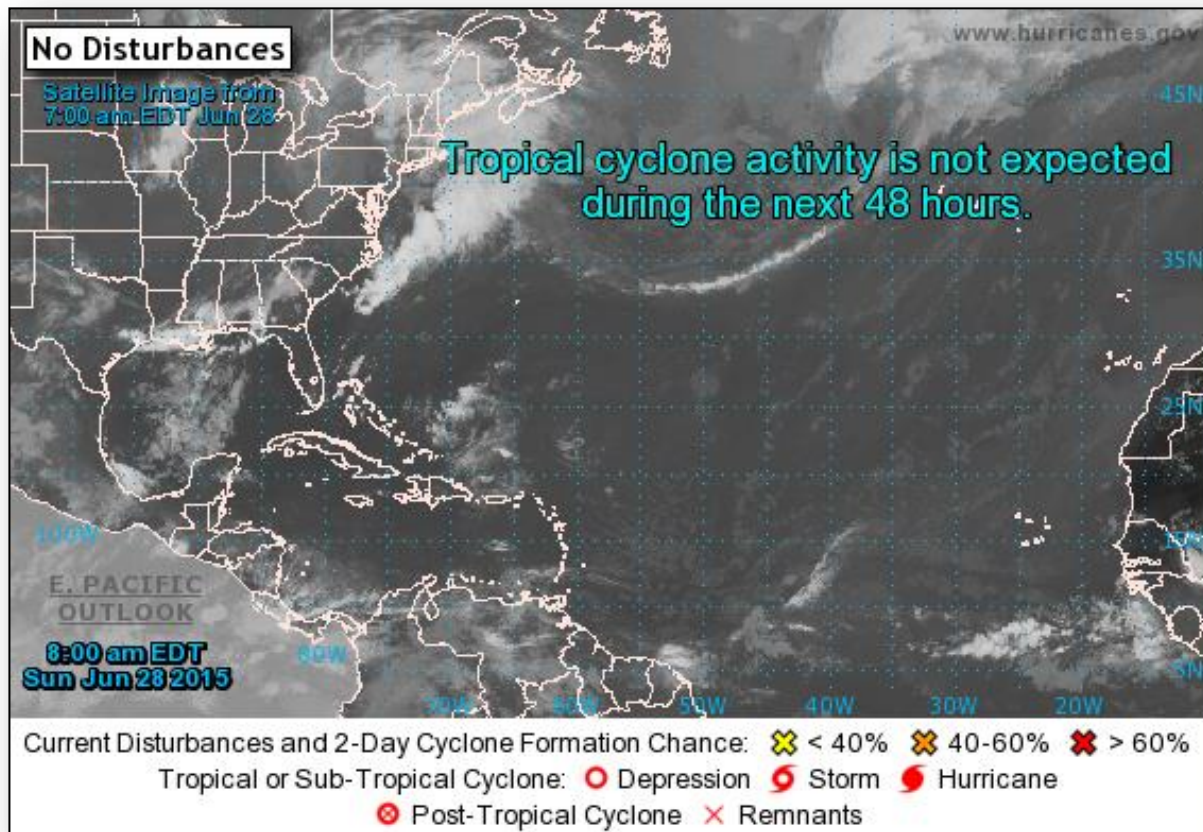
## **Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		-	*	255k	102k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+	
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme	
POTENTIAL DAMAGE	Resistant Structures	none	none	none	V. Light	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy	
	Vulnerable Structures	none	none	none	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy	V. Heavy	

# 2-Day Tropical Outlook – Atlantic



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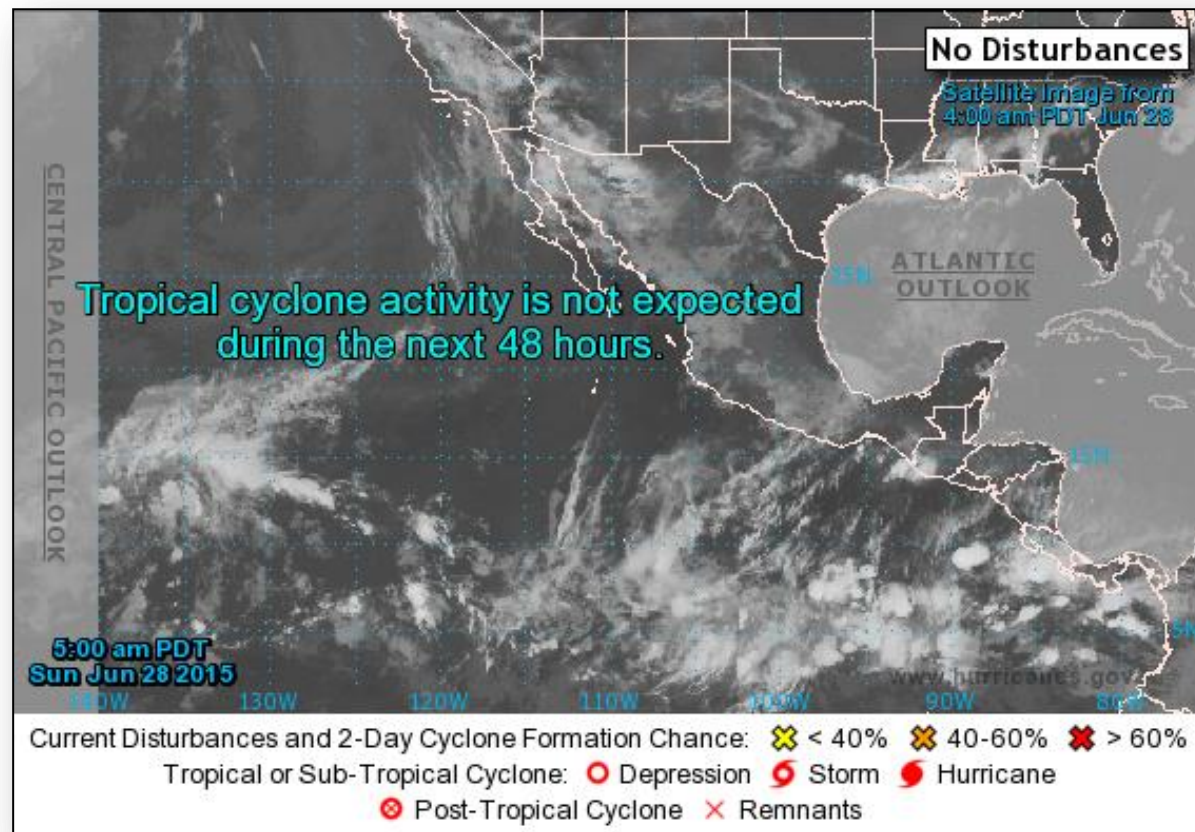




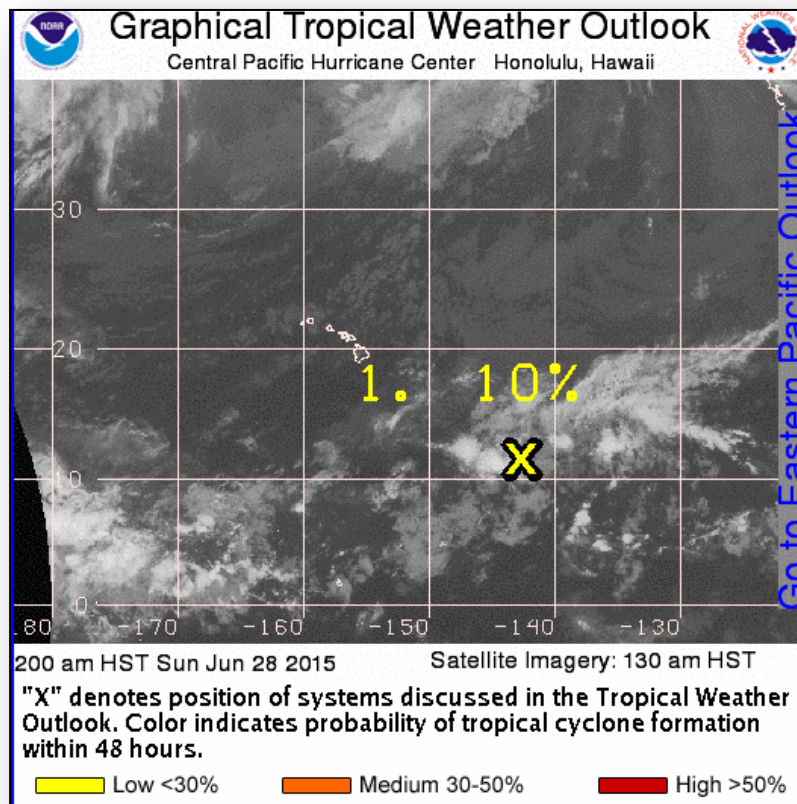
# 2-Day Tropical Outlook – Eastern Pacific



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# Tropical Outlook – Central Pacific



## Disturbance 1

- Scattered thunderstorms associated with a broad area of low pressure
- Located 1,000 miles SE of Hilo, Hawaii
- Little organization over last 6 – 12 hours
- Some development is possible for another day
- Moving WNW
- Probability of tropical cyclone formation:
  - Next 48 hours: Low (10%)

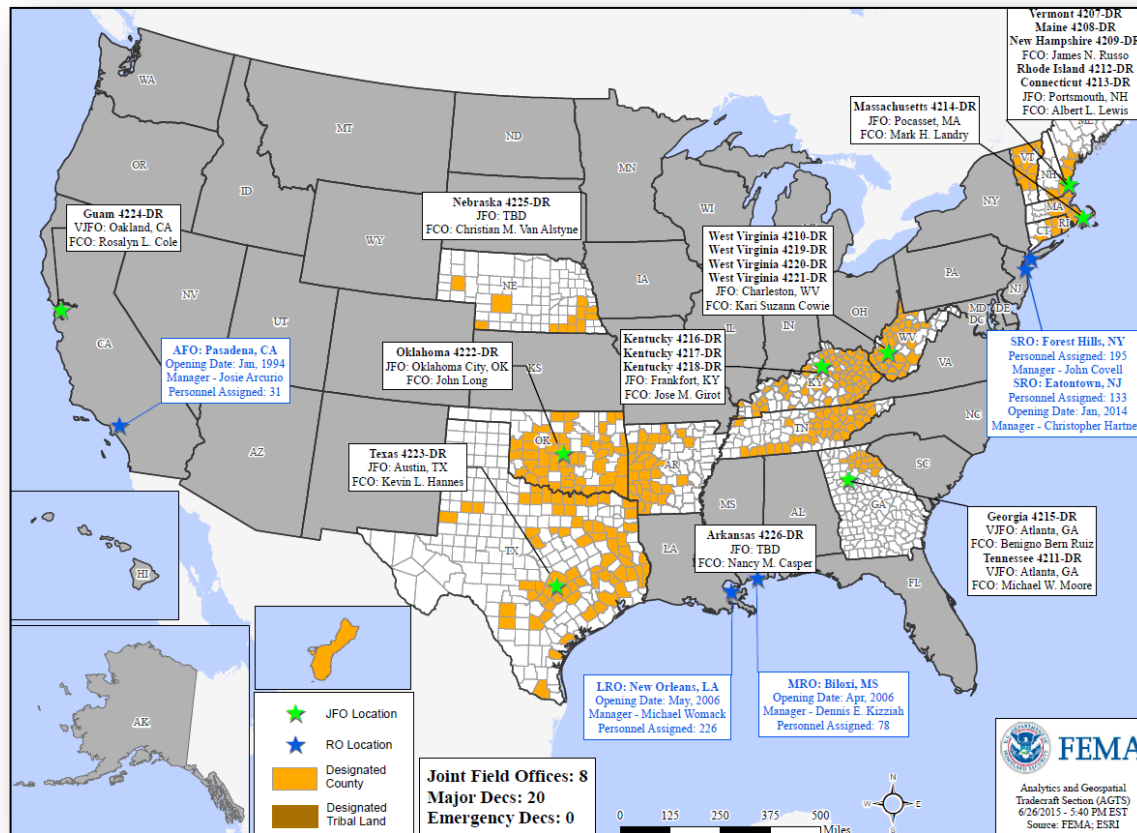


# Disaster Requests & Declarations



Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
2	Date Requested	0	0
IA – DR Avian Influenza Outbreak	June 17, 2015		
WY – DR Severe Storms and Flooding	June 19, 2015		

# Open Field Offices as of June 28



# Joint Preliminary Damage Assessments



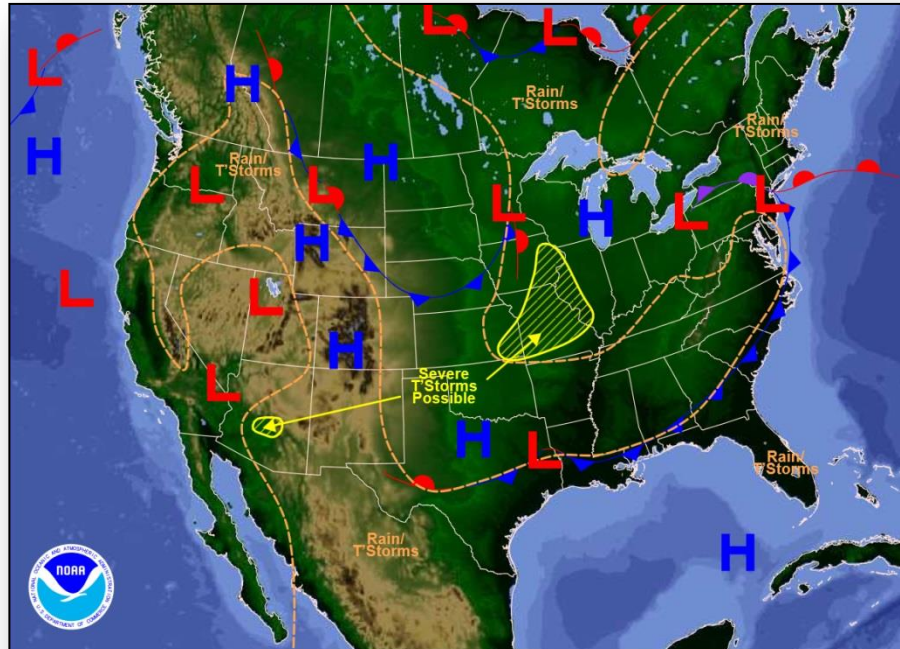
Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Complete	
I	VT	Flooding June 9	PA	3	0	6/27-TBD
II	NJ	Severe Storm, Straight-Line Winds June 23	IA	3	0	6/27-TBD
VI	LA	Red River Flooding May 18 and continuing	PA	6 (-2)	5 (+1)	6/24-TBD
	TX	Severe Storms, Tornadoes & Flooding May 5, 2015 and continuing	IA	41 (+1)	37	5/22-TBD
			PA	92	66 (+3)	5/22-TBD
	OK	Severe Storms Tornadoes, Straight-Line Winds and Flooding	PA	61	58	6/26-TBD
VII	KS	Severe Weather, Flooding & High Winds May 4 and continuing	PA	47	47	6/15-6/26
	MO	Severe Storms, Straight-line Winds & Flooding May 15 and continuing	PA	21	0	TBD-TBD
VIII	CO	Flooding May 5-29	PA	5	0	6/29-07/01
	WY	Flooding June 4	PA	4	4	6/24-6/26

# Joint Preliminary Damage Assessments



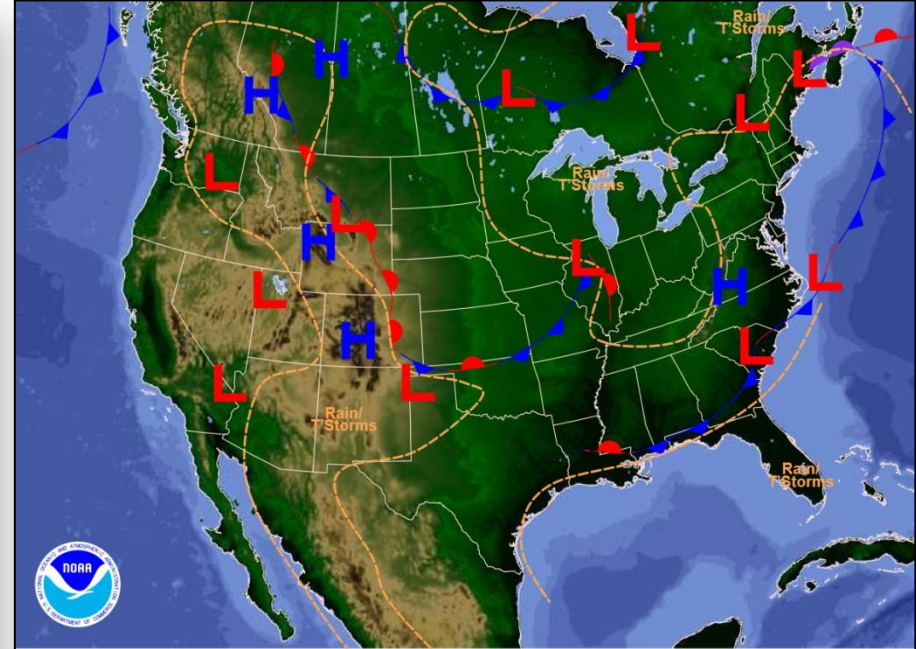
Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Complete	
X	AK	Sockeye Fire June 14, 2015 - Ongoing	IA	1	1 (+1)	6/25-6/26
			PA	1	0	6/30-07/01
	AK	North Slope Borough Flooding – Dalton Highway May 21, 2015	PA	1	1 (+1)	6/26-6/26
	AK	Card Street Fire June 15, 2015 - Ongoing	IA	1	0	6/30-TBD
			PA	1	0	7/06-7/10

# National Weather Forecast



Weather Forecast for Sun, Jun 28, 2015, issued 4:28 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Krekeler based on WPC, SPC and NHC forecasts

*Today*



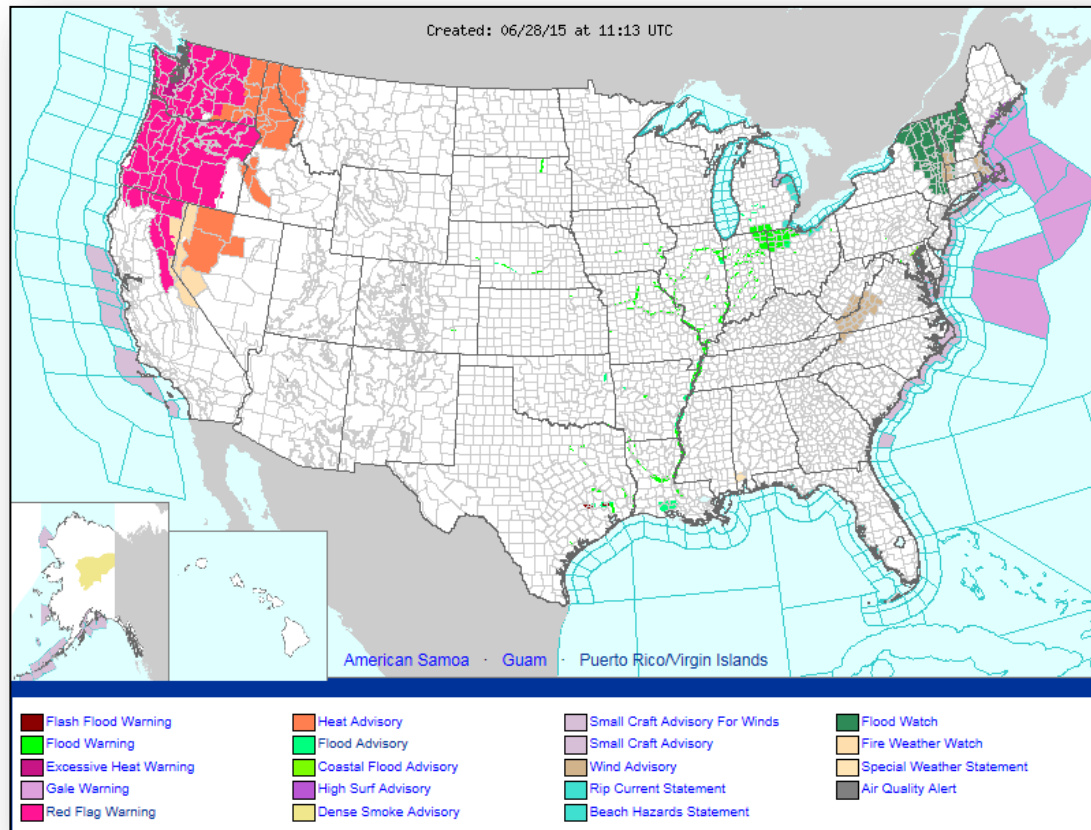
Weather Forecast for Mon, Jun 29, 2015, issued 4:40 AM EDT Sun, Jun 28, 2015  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Krekeler based on WPC, SPC and NHC forecasts

*Tomorrow*

# Active Watches/Warnings



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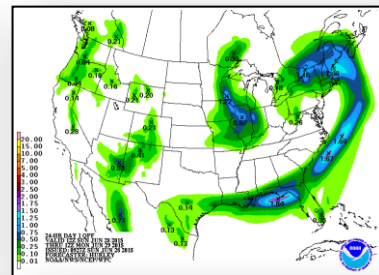
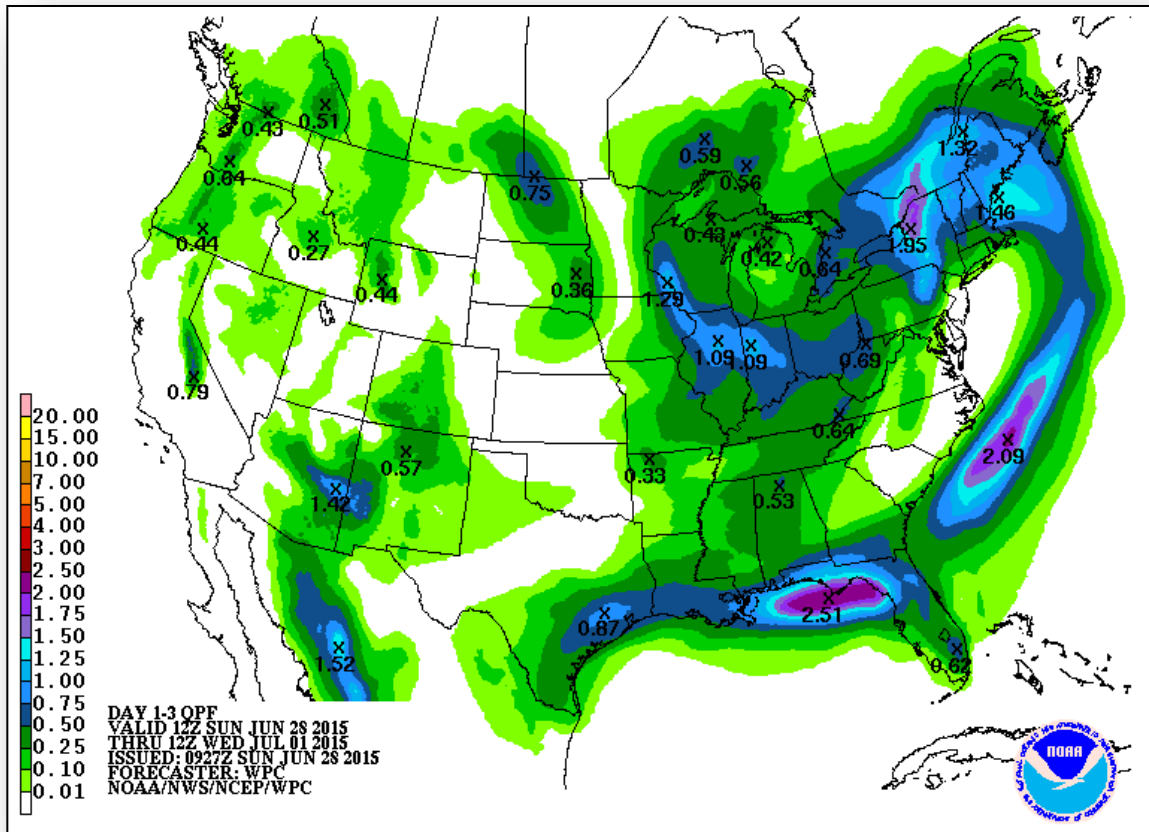




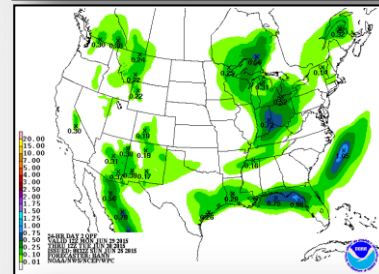
# Precipitation Forecast, 1-3 Day



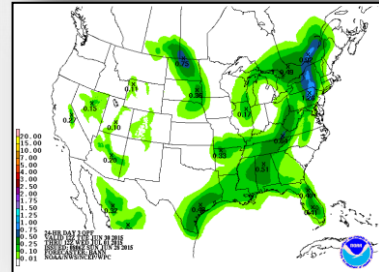
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Day 1



Day 2

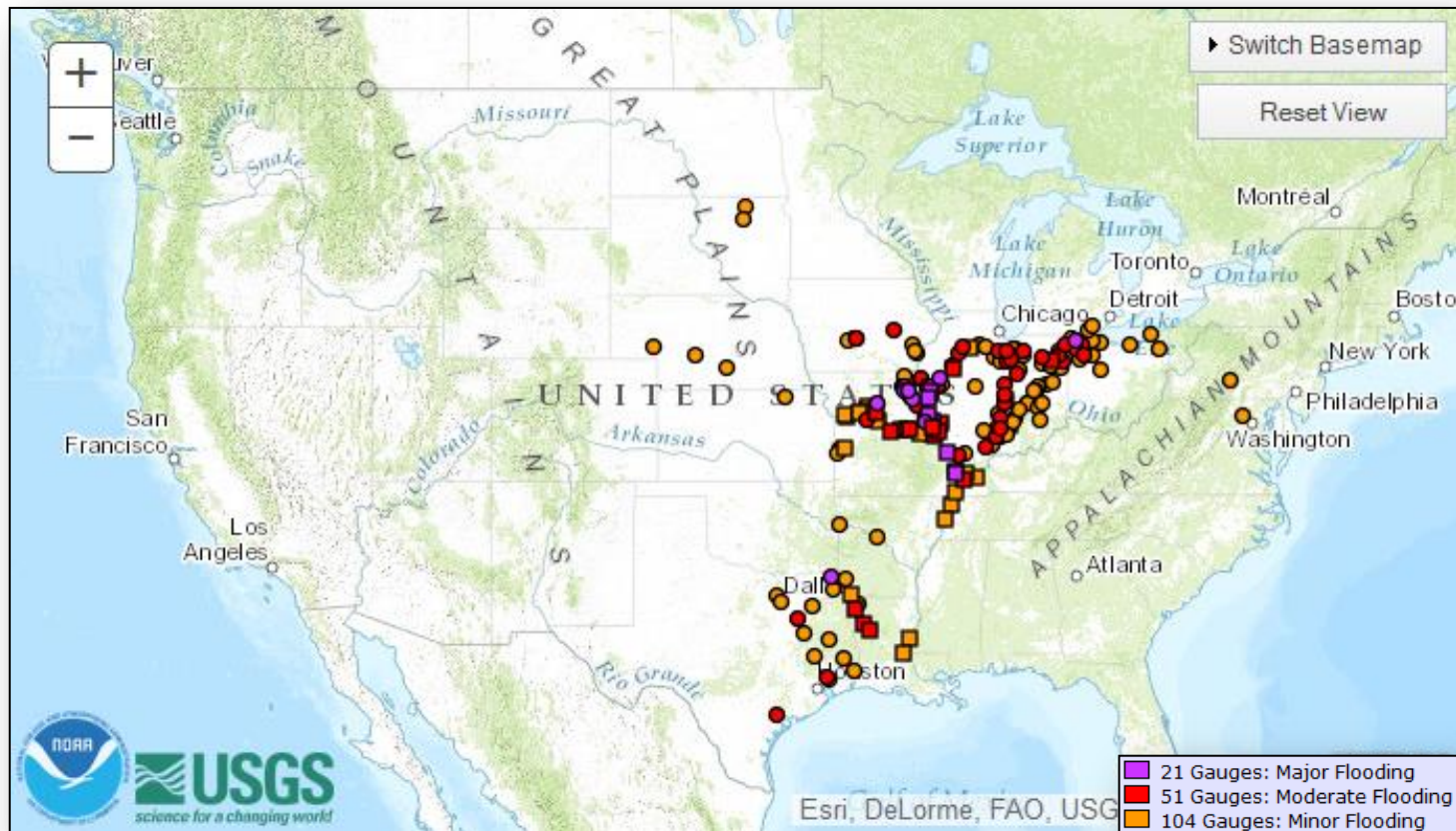


Day 3

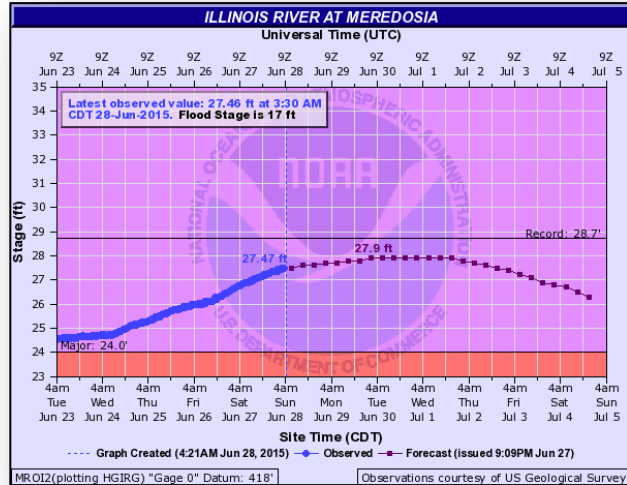
# River Forecast



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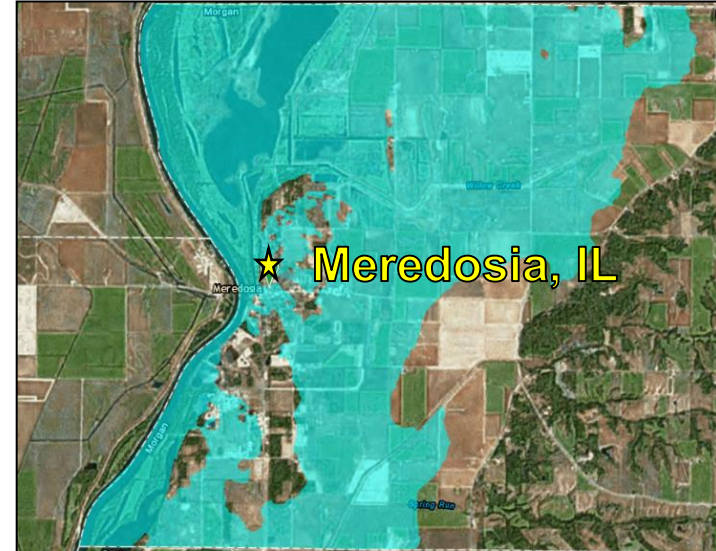
# Illinois River at Meredosia, IL



## Flood Impacts:

27 ft.

Flood fighting begins in Scott County and Meredosia lakes and dams. Damage begins to buildings in Meredosia. Rural roads are impacted.



100 Year Flood Plain (21 Square Miles)

Generally correlates to Major Flood Stage

## Data Extracted from Flood Plain Only

113 miles north of St. Louis, MO

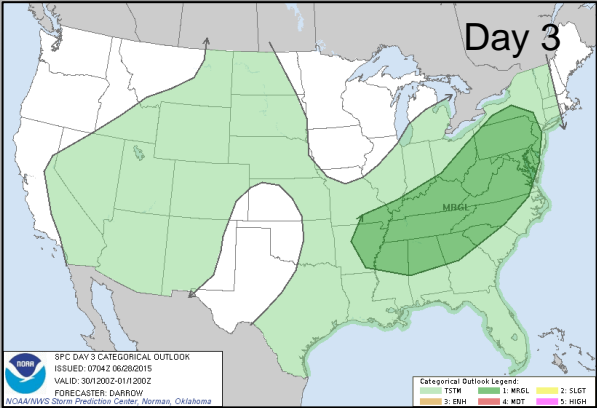
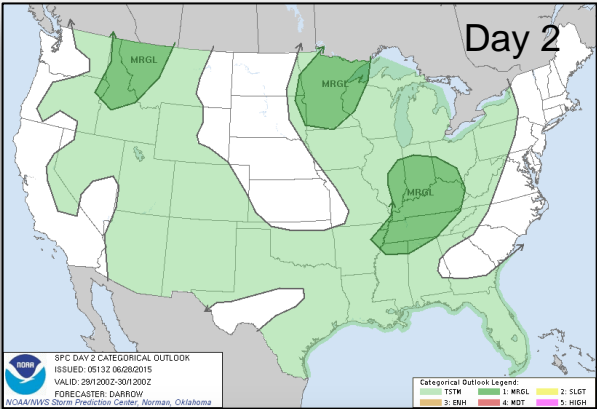
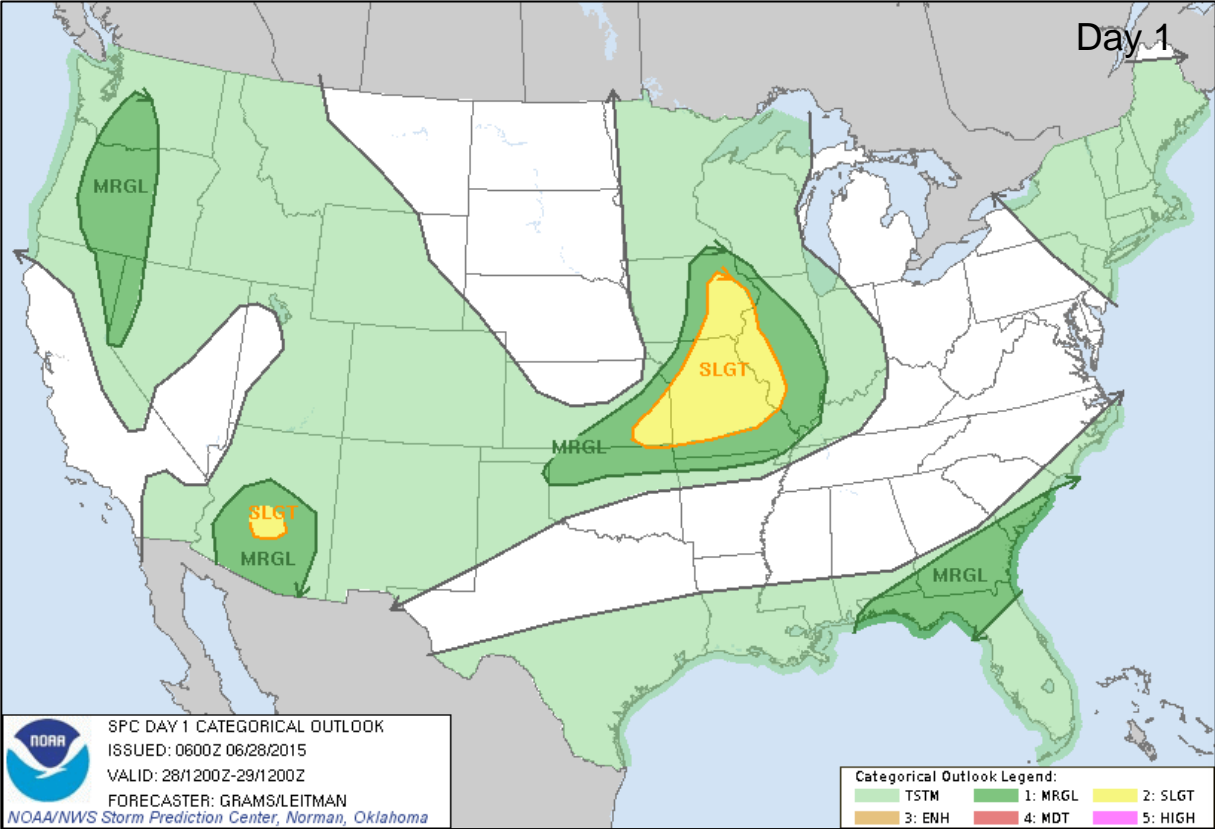
Population: 719

Housing Units: 326

Historic Crests at Perry, IA

28.7ft (1943), 28.6ft (2013), 28.3 (1995)

# Severe Weather Outlook, Days 1-3



Categories

Thunderstorms

Marginal Risk

Slight Risk

Enhanced Risk

Moderate Risk

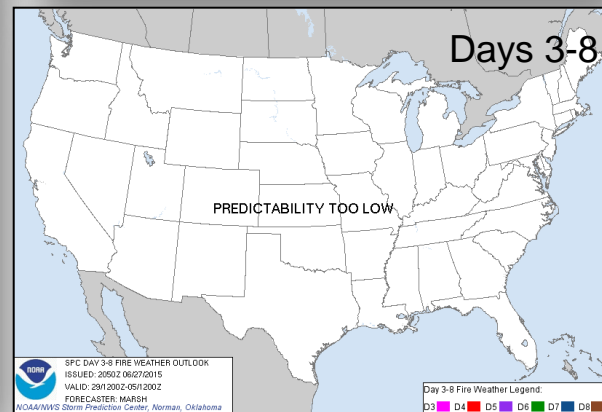
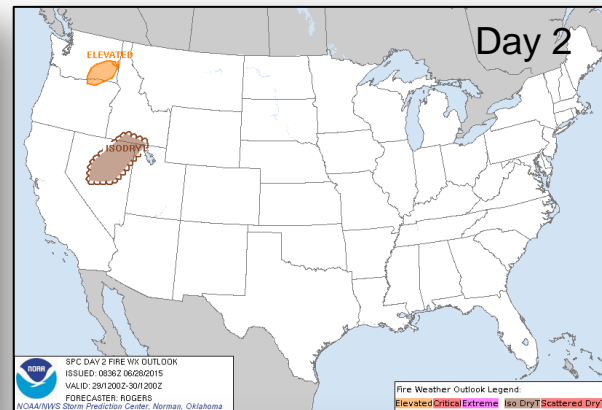
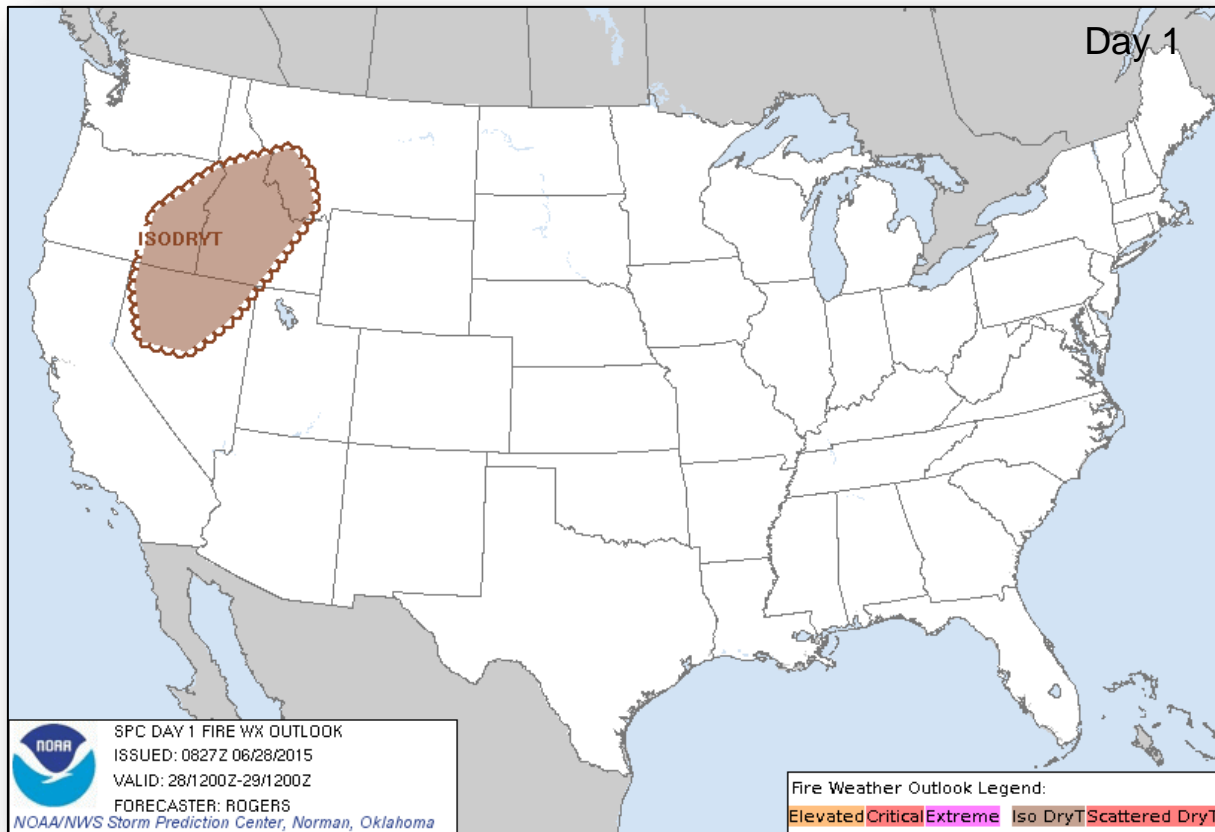
High Risk



# Fire Weather Outlook, Days 1-8

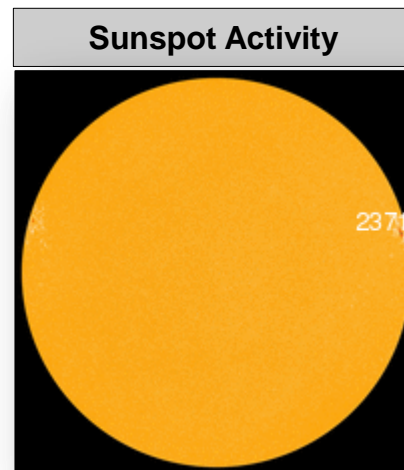
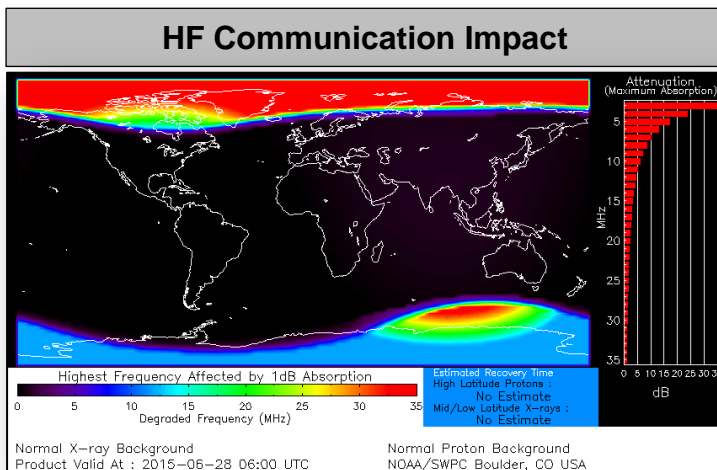


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# Space Weather

None	Past 24 Hours	Current	Next 24 Hours
Space Weather Activity:	Minor	None	Minor
• Geomagnetic Storms	None	None	None
• Solar Radiation Storms	S1	None	None
• Radio Blackouts	None	None	R1





# FEMA Readiness – Deployable Teams /Assets



Deployable Teams/Assets									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criterion
FCO		35	13	37%	0	1	23		OFDC Readiness: FCO    Green    Yellow    Red Type 1    3+            2            1 Type 2    4+            3            2 Type 3    4                3            2
FDRC		9	7	78%	0	0	2		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	2	67%	0	0	1	Elements of IMAT East-2 deployed to TX	<ul style="list-style-type: none"><li>• Green: 3 avail</li><li>• Yellow: 1-2 avail</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		13	5	38%	0	4	4	<b>Deployed (Blue):</b> RII (Team A) to TX supporting FEMA-4223-DR-TX RVI (Team 1) to TX & personnel to OK RV to RVI supporting severe weather/flooding RX to FEMA Area Office in AK supporting wildfires  <b>Not Mission Capable (Red):</b> <u>Personnel shortages/staff adjustments</u> R1 (Team 1); RIV (Team 3); RVI (Team 2); RIX (Team 1)	<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	34	57%	0	6	20	16 units in TX 4 units in OK	<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	Not Activated		



# 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.**