



# **FEMA**

## **Daily Operations Briefing**

**Friday, July 21, 2017**

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

# Significant Activity – July 20-21



FEMA

**Significant Events:** None

**Tropical Activity:**

- Atlantic – No tropical cyclones expected next 48 hours
- Eastern Pacific – T.S. Greg; Disturbance 1 – High (70%); Disturbance 2 – High (70%)
- Central Pacific – T.S. Fernanda
- Western Pacific – No activity affecting U.S. interests

**Significant Weather:**

- Severe Thunderstorms – Northern Plains, Upper and Middle Mississippi valleys, and Great Lakes
- Flash Flooding possible – Southwest, Central & Southern Rockies and Upper/Middle valleys
- Elevated to Critical Fire Weather – ID, MT, WY, ND, SD
- Space Weather:
  - Past 24 hours: None
  - Next 24 hours: None

**Earthquake Activity:** No significant activity affecting U.S. interests

**Declaration Activity:** None

# Tropical Outlook – Atlantic



FEMA



**48 Hour Outlook**



**5 Day Outlook**

# Tropical Outlook – Eastern Pacific

## Tropical Storm Greg: (Advisory #16 as of 5:00 a.m. EDT)

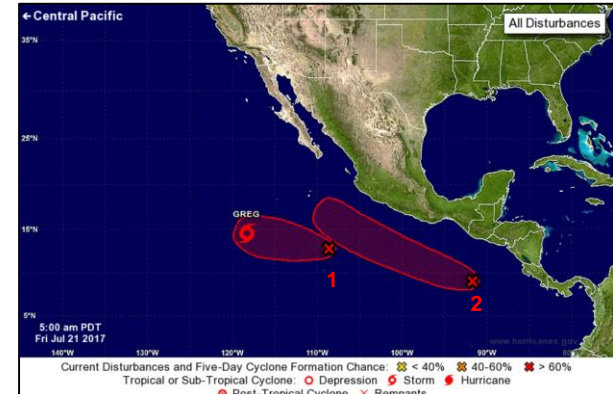
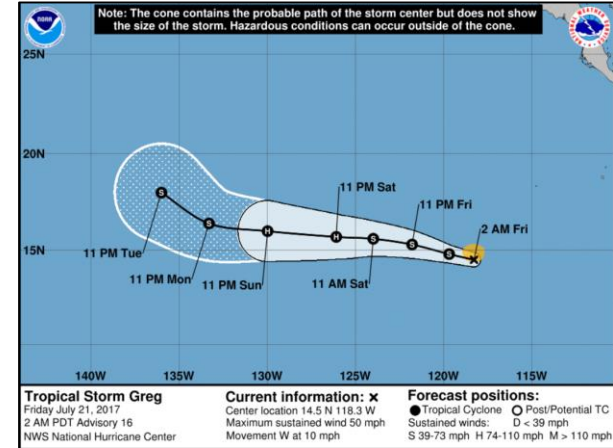
- Located 800 miles SW of the southern tip of Baja California, Mexico
- Based on current advisory, there are no threats to U.S. interests

## Disturbance 1: (as of 5:00 a.m. EDT)

- Several hundred miles south of the southern tip of the Baja California, Mexico; moving WNW at 10 mph
- Formation chance through 48 hours: High (70%)
- Formation chance through 5 days: High (80%)

## Disturbance 2: (as of 5:00 a.m. EDT)

- Forming over the SW coast of Central America
- Formation chance through 48 hours: Medium (70%)
- Formation chance through 5 days: High (90%)



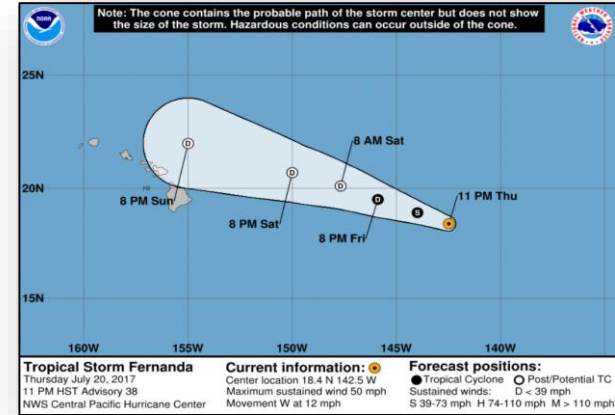
# Tropical Outlook – Central Pacific



FEMA

*Tropical Storm Fernanda*: (Advisory #38 as of 5:00 a.m. EDT)

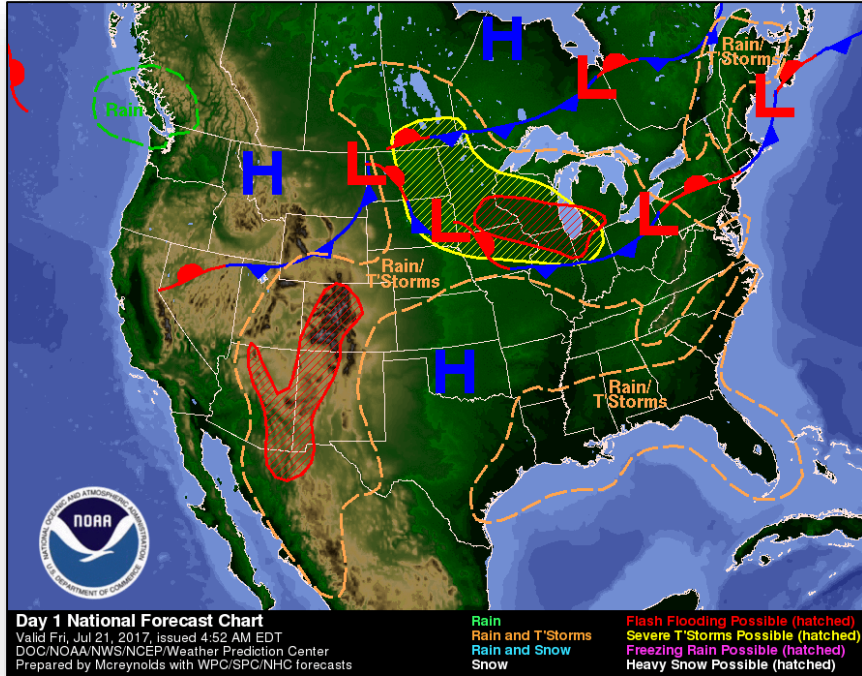
- Located 825 miles E of Hilo, HI
- Additional weakening; expected to become a depression on today



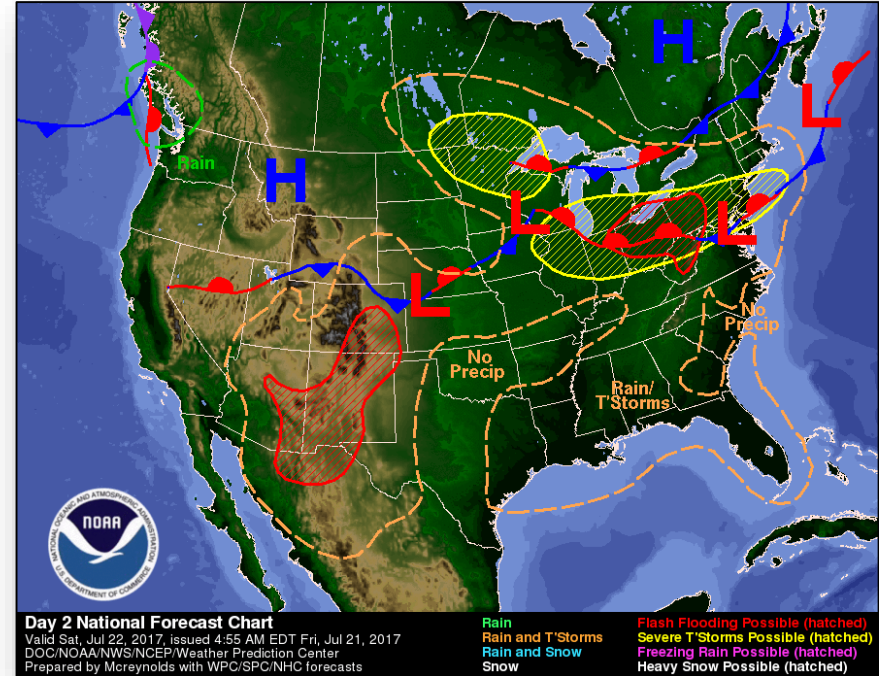
# National Weather Forecast



FEMA

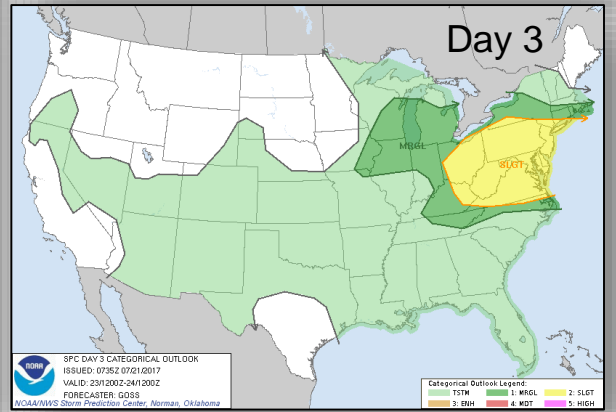
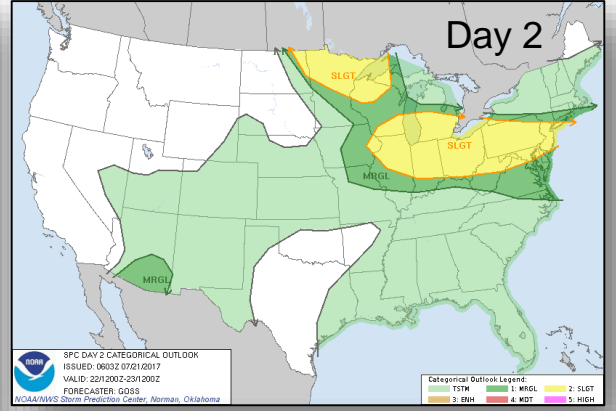
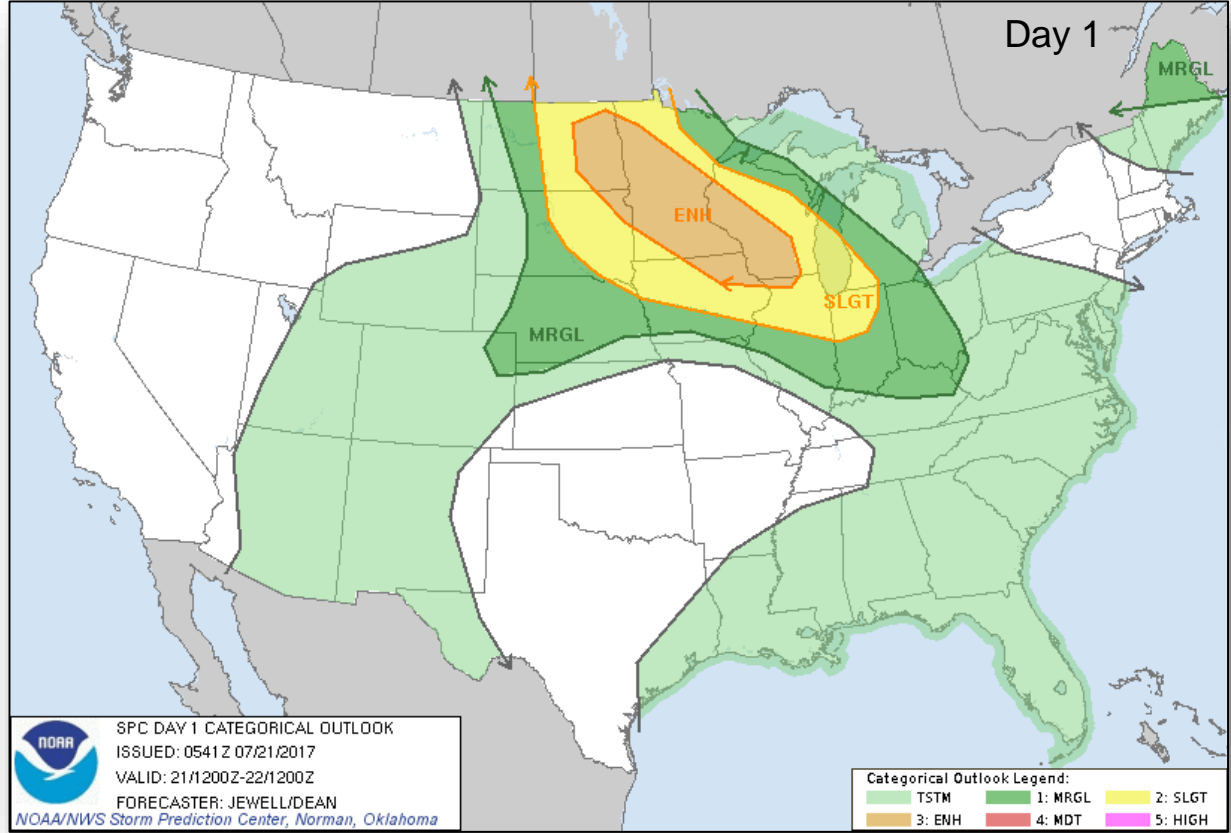


*Today*



*Tomorrow*

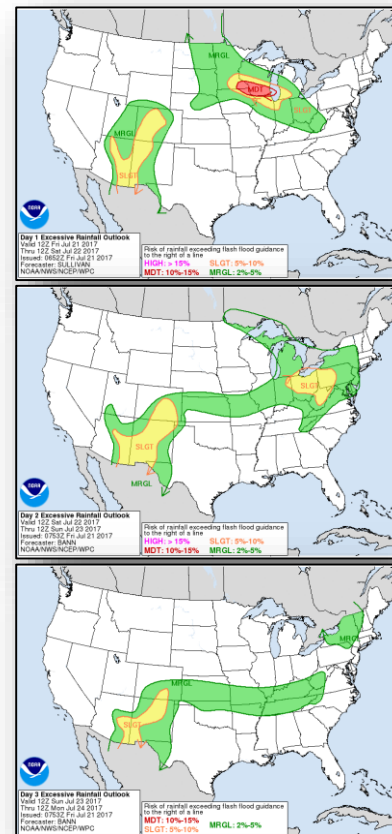
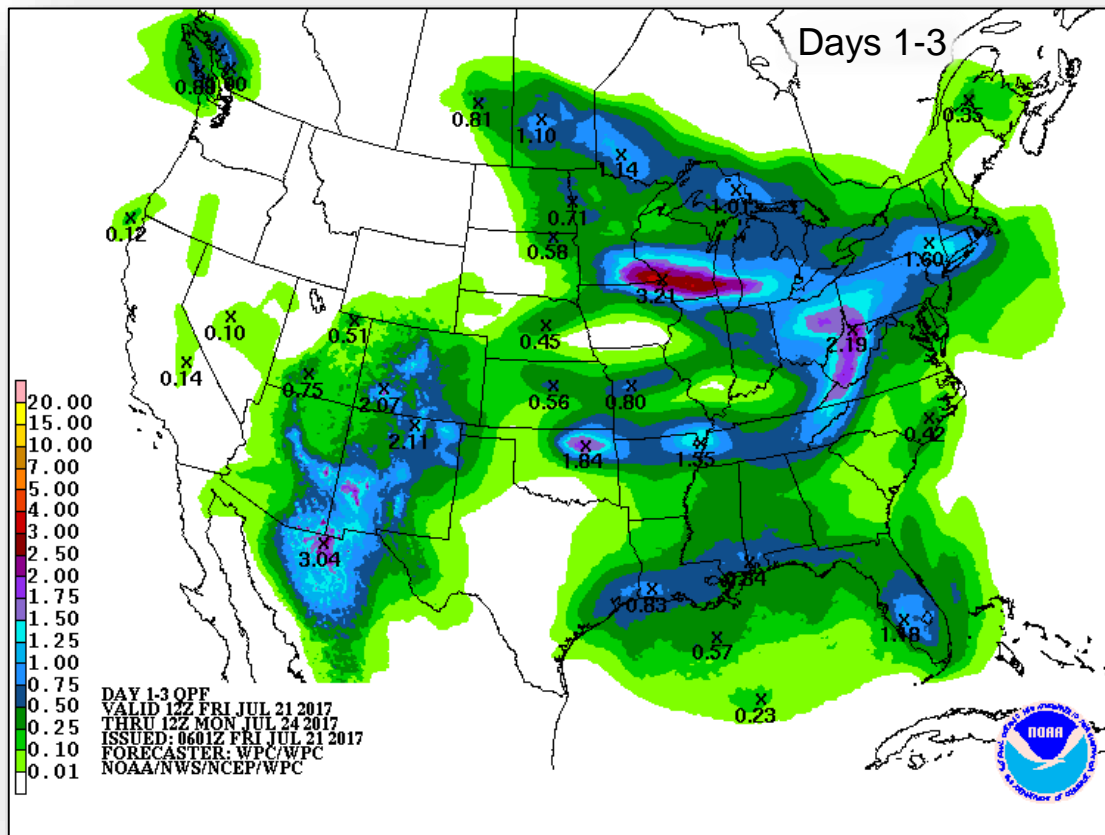
# Severe Weather Outlook – Days 1-3



# Precipitation Forecast / Flash Flood Risk



FEMA



Day 1

Day 2

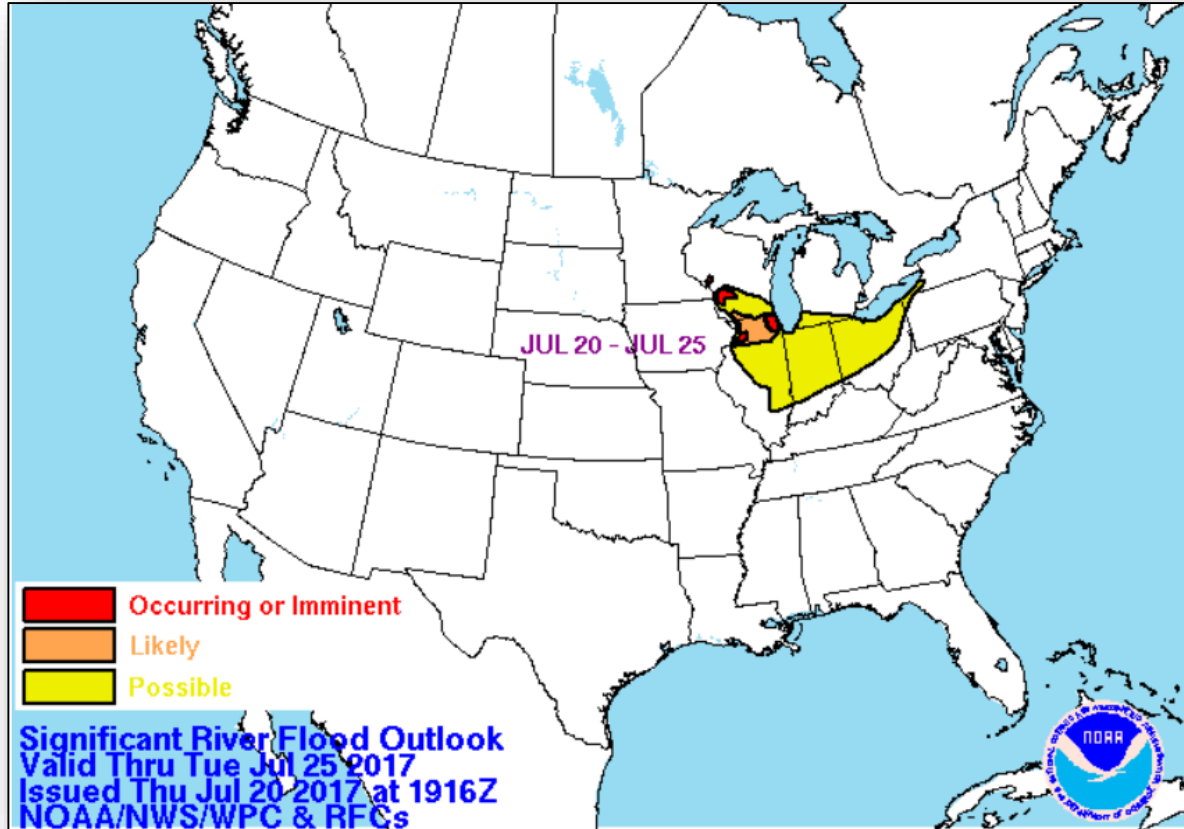
Day 3



# Significant River Flood Outlook



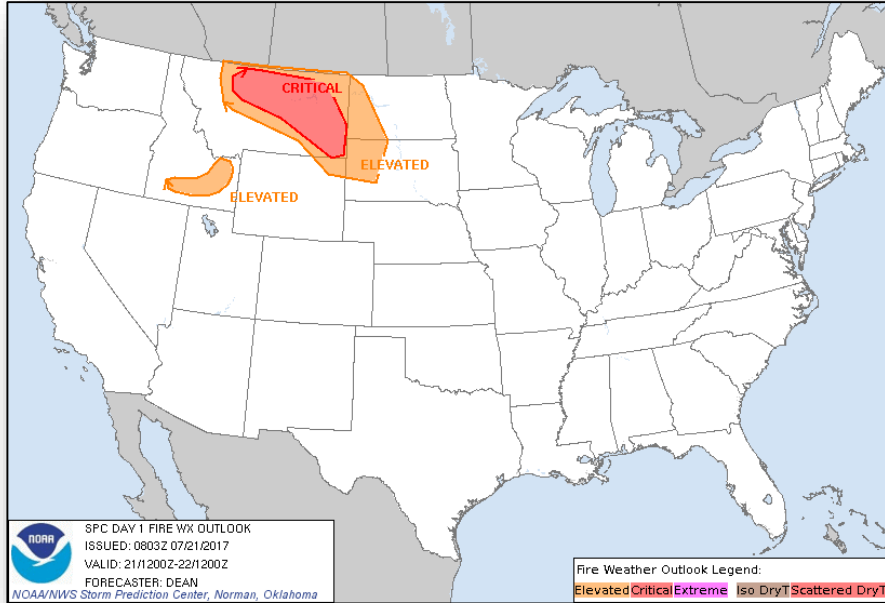
FEMA



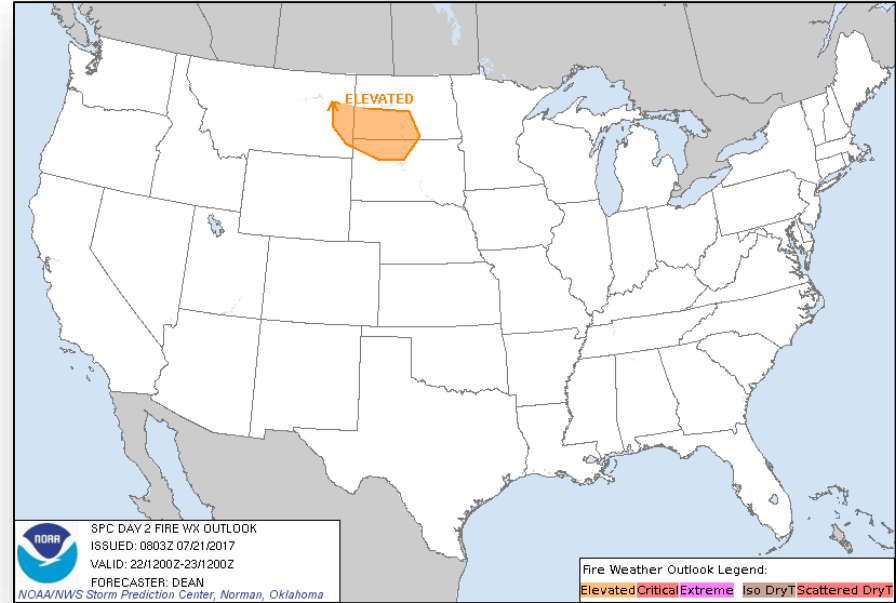
# Fire Weather Outlook



FEMA



*Today*

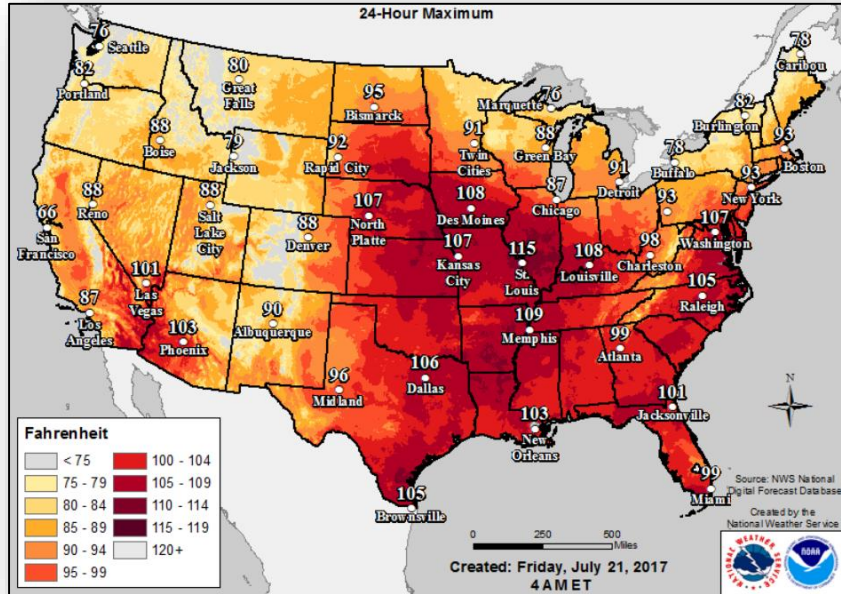


*Tomorrow*

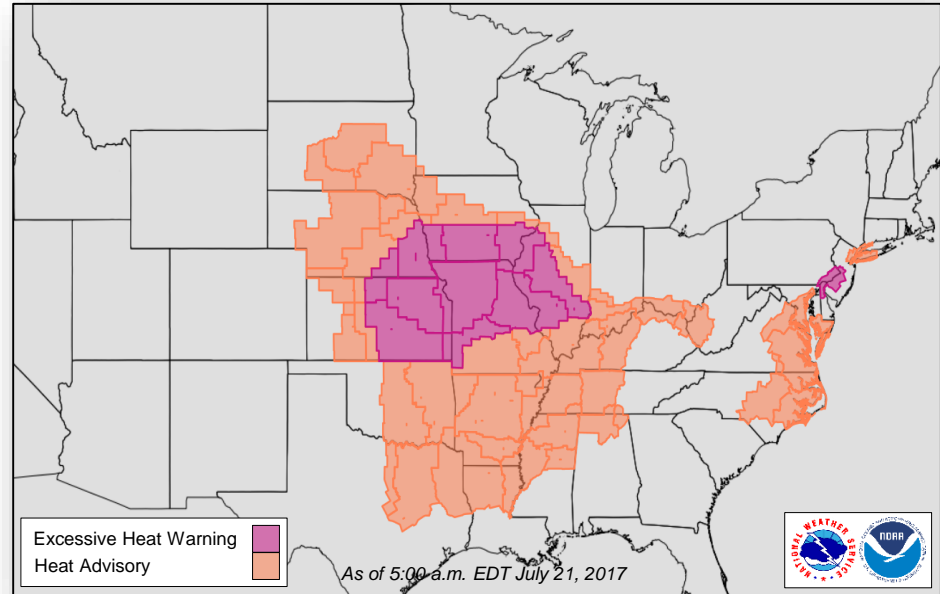
# Forecast Heat Index



FEMA



**National Heat Index**

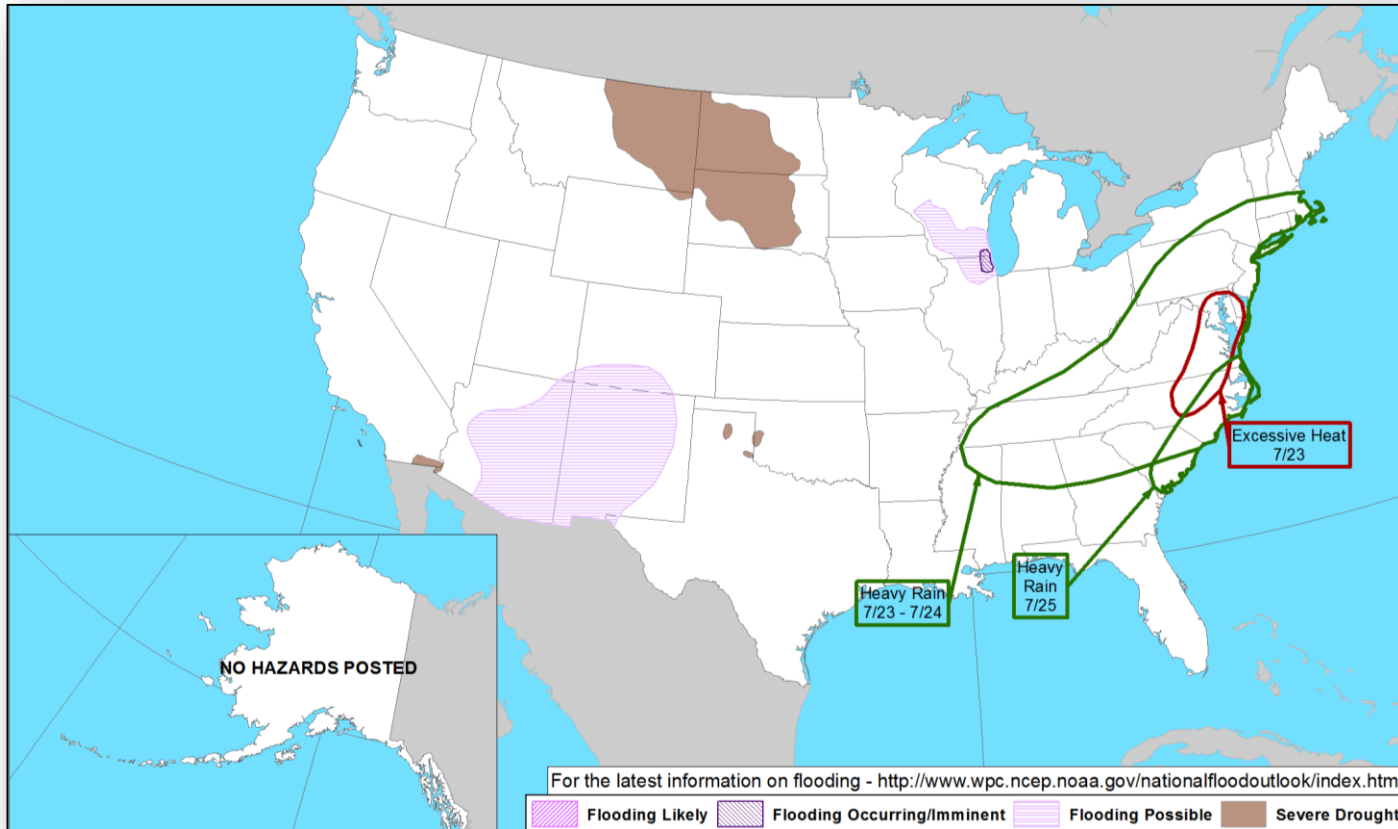


**Watches, Warnings, and Advisories**

# Hazards Outlook – July 23-27



FEMA



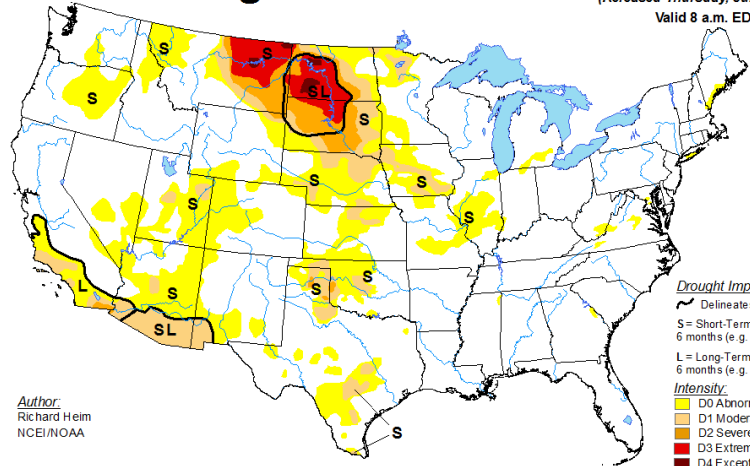
# U.S. Drought Monitor



FEMA

## U.S. Drought Monitor

July 18, 2017  
 (Released Thursday, Jul. 20, 2017)  
 Valid 8 a.m. EDT

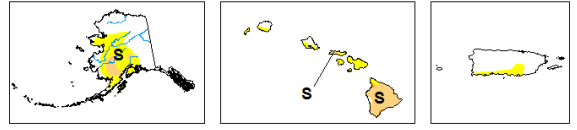


Drought Impact Types:  
 ~ Delineates dominant impacts  
 S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)  
 L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:  
 D0 Abnormally Dry  
 D1 Moderate Drought  
 D2 Severe Drought  
 D3 Extreme Drought  
 D4 Exceptional Drought

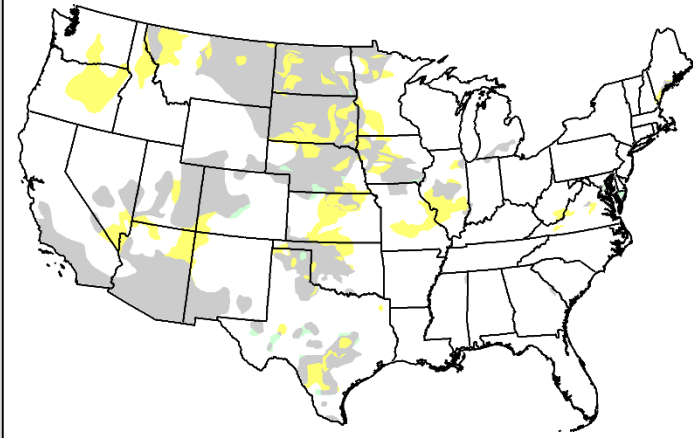
Author  
 Richard Heim  
 NCEI/NOAA

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.



<http://droughtmonitor.unl.edu>

## U.S. Drought Monitor Class Change - CONUS 1 Week



Dark Brown	5 Class Degradation
Orange-Brown	4 Class Degradation
Orange	3 Class Degradation
Yellow-Orange	2 Class Degradation
Yellow	1 Class Degradation
Light Yellow	No Change
Light Green	1 Class Improvement
Green	2 Class Improvement
Dark Green	3 Class Improvement
Teal	4 Class Improvement
Dark Blue	5 Class Improvement

July 18, 2017  
 compared to  
 July 11, 2017

# Detwiler Fire – CA



FEMA

Fire Name (County)	FMAG # / Approved	Acres burned	Percent Contained	Evacuations (Residents)	Structures			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
Detwiler (Mariposa)	5192-FM-CA July 17, 2017	70,596	10%	Mandatory	1,500 homes	16 (11 homes)	100 (50 homes)	0 / 0

Current Situation

- Fire began July 16, 2017 burning State and private land in Mariposa County (pop. 17,531)
  - Extreme Tree Mortality across the county
  - 6.5 million dead trees as of 2016 (up from 18,000 in 2010)
  - Results of 5 years of drought and bark beetle activity
- Currently impacting the City of Mariposa and is 25 miles NE of Yosemite Valley
- Potential to spread NE toward Coulterville over the next few days
- Shelters: 5 open with 288 occupants (ARC as of 4:30 a.m.)

Response

- CA EOC at Partial Activation
- Region IX RWC remains at Steady State

**Fire Active Detected By MODIS**  
 Last 0 To 6 Hours  
 Last 6 To 12 Hours  
 Last 12 To 24 Hours  
 6 Days Previous To Last 24 Hours  
 Updated: 2:130 MDT

City/Town	Population
Mariposa City	2,173
Coulterville	201
Catheys Valley	825

**FEMA Region IX RWC**  
 Incident: **DETWILER Fire**  
 Location: **Mount Bullion, California (Mariposa County)**  
 Population: 4,609  
 Homes: 2,766  
 Schools: 8  
 Police Dept: 2  
 Fire Dept: 6  
 Hospitals: 1  
 Utilities: 1  
 Dams: 4  
 Cell Towers: 4  
 Date: July 21, 2017  
 Source(s): FAMWEB, CalOES, CalFire, MODIS

EVENT  
 Fire

# Joint Preliminary Damage Assessments



FEMA

Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Completed	
I	New Hampshire	Severe Weather Jun 30 – Jul 1, 2017	IA	0	0	N/A
			PA	1	0	Jul 6 – TBD
	Vermont	Severe Weather Jun 30 – Jul 1, 2017	IA	0	0	N/A
			PA	8	0	Jul 12 – TBD

# Disaster Requests & Declarations

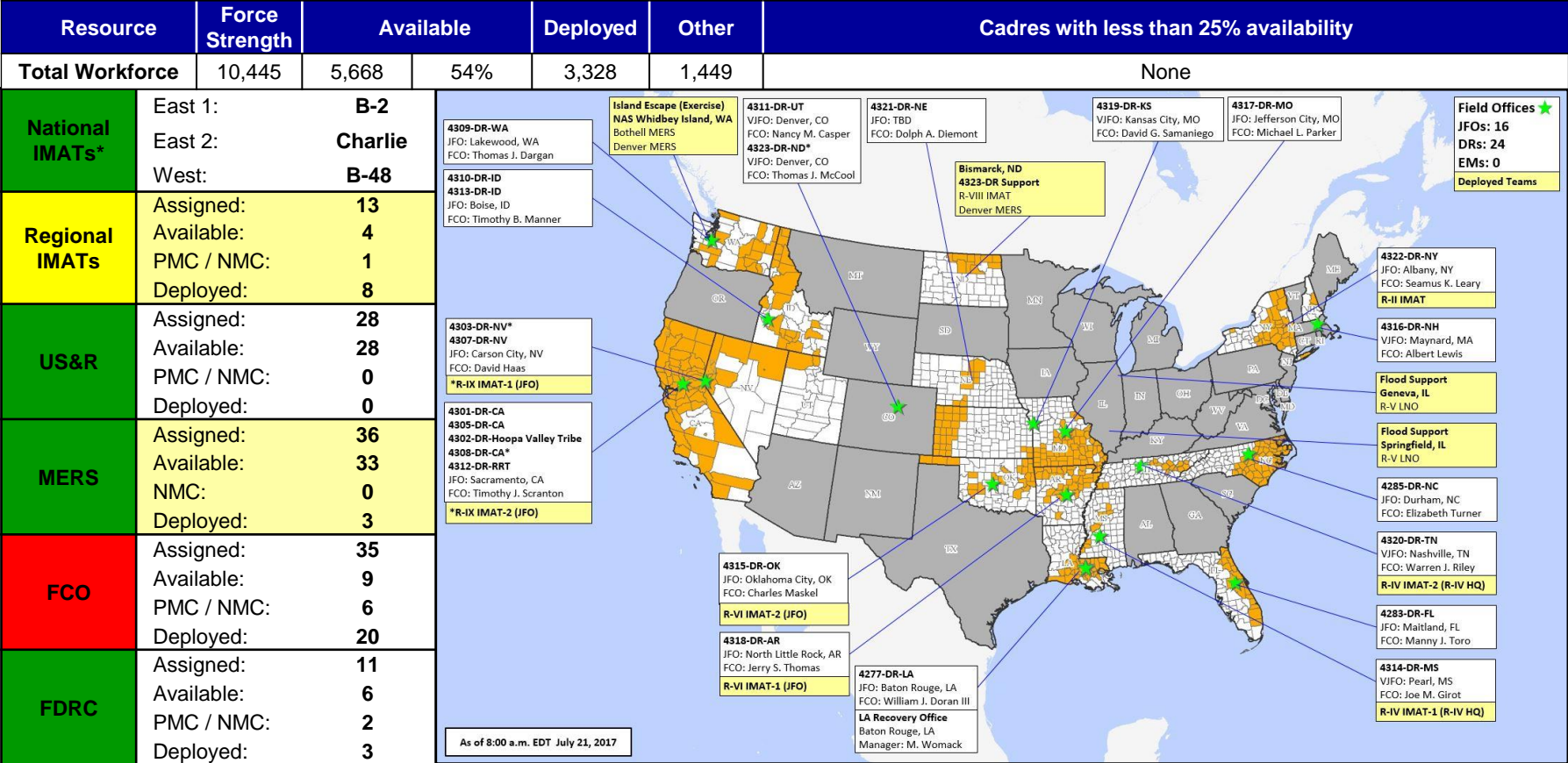


FEMA

Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
<b>6</b>	<b>Date Requested</b>	<b>0</b>	<b>0</b>
OR – DR (Appeal) Severe Winter Storm	June 9, 2017		
OK – DR Severe Storms, Tornadoes, Straight-line Winds, and Flooding	July 6, 2017		
NY – DR (Expedited) DR Flooding	July 10, 2017		
WY – DR Flooding	July 10, 2017		
NE – DR Severe Storms, Tornadoes, and Straight-line Winds	July 13, 2017		
ID – DR Flooding, Landslides, and Mudslides	July 19, 2017		



# Readiness – Deployable Teams and Assets



\*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



**FEMA**

Resource	Status	Total	Status	Activated Team	Activation Level	Activation Times	Reason/Comments
NWC		5	Not Activated				
NRCC		2	Not Activated				NRCS Gold Team – July primary
HLT		1	Activated				Hurricane Season
RWCs/MOCs		10	Not Activated				
RRCCs		10	Activated	Region VIII	Level III	Day shift only	Supporting 4323-DR-ND

**Back-up Regions (July 17-23): I, II, and III**



# 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.**