

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.



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Daily Operations Briefing

Sunday, July 23, 2017

8:30 a.m. EDT

Significant Activity – July 22-23



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Significant Events: None

Tropical Activity:

- Atlantic – No tropical cyclones expected next 48 hours
- Eastern Pacific – Tropical Storm Greg; Tropical Storm Hilary; Tropical Storm Irwin
- Central Pacific – Post-Tropical Cyclone Fernanda (*FINAL*)
- Western Pacific – No activity affecting U.S. interests

Significant Weather:

- Severe thunderstorms possible – Middle Mississippi and Ohio valleys to Great Lakes and Mid-Atlantic
- Flash flooding possible – Southwest to Southern Rockies and Appalachians
- Significant river flooding – Southeastern WI and northern IL
- Elevated fire weather – OR and WA
- Isolated dry thunderstorms – NV, UT, CA, OR, and ID
- Space weather:
 - Past 24 hours: Minor; geomagnetic storms reaching G1 level occurred
 - Next 24 hours: None predicted

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

Declaration Activity: None

Tropical Outlook – Atlantic



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48 Hour Outlook



5 Day Outlook

Tropical Outlook – Eastern Pacific



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Based on current advisories, none of the storms below threaten U.S. interests

Tropical Storm Greg (Advisory #24 as of 5:00 a.m. EDT)

- Located 1,290 miles WSW of Baja California, Mexico
- Moving W at 14 mph; maximum sustained winds 50 mph

Tropical Storm Irwin (Advisory #4 as of 5:00 a.m. EDT)

- Located 665 miles SSW of Baja California, Mexico
- Moving WNW at 9 mph; maximum sustained winds 40 mph

Tropical Storm Hilary (Advisory #8 as of 5:00 a.m. EDT)

- Located 325 miles SSW of Acapulco, Mexico
- Moving WNW at 15 mph; maximum sustained winds 40 mph
- Likely to become a hurricane on Monday



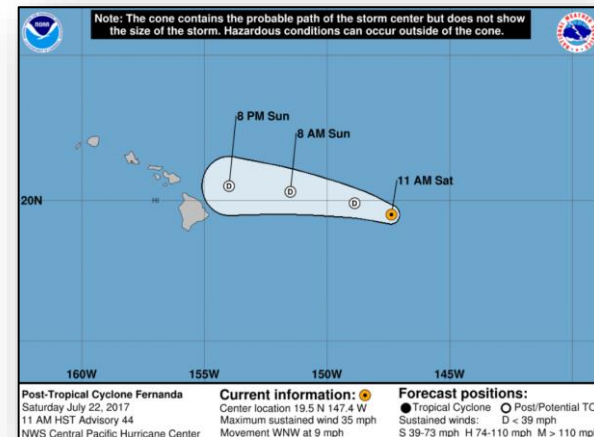
Tropical Outlook – Central Pacific



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Post-Tropical Cyclone Fernanda: (Advisory #44 as of 5:00 p.m. EDT, July 22) - **FINAL**

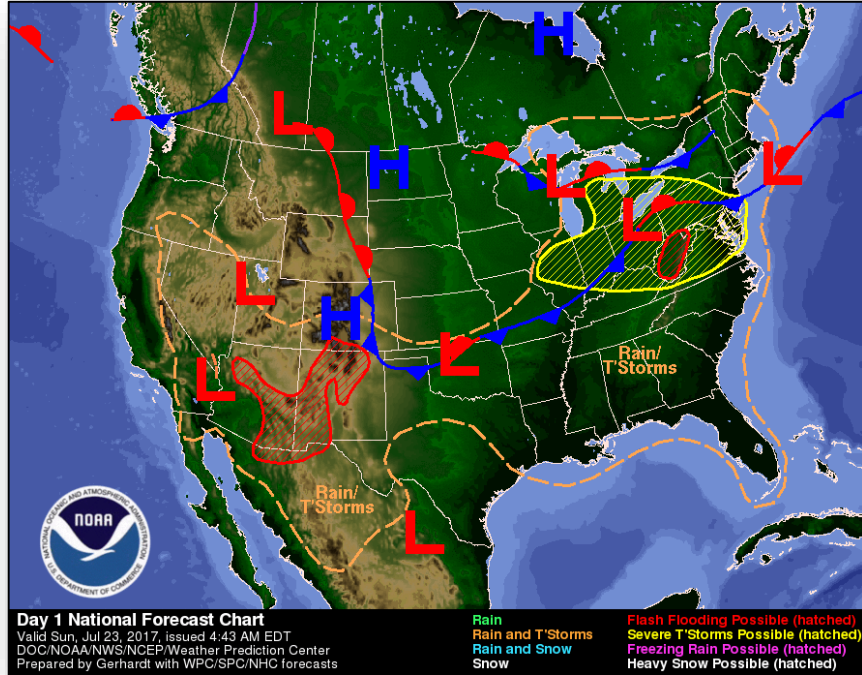
- Located 500 miles E of Hilo, HI, expected to dissipate by Monday
- Moving WNW at 9 mph; Maximum sustained winds 35 mph
- High surf advisory remains in effect for east-facing shores of Kauai, Oahu, Molokai, Maui and the Big Island
- HI EOC remains at normal operations
- Region IX RWC remains at Steady State



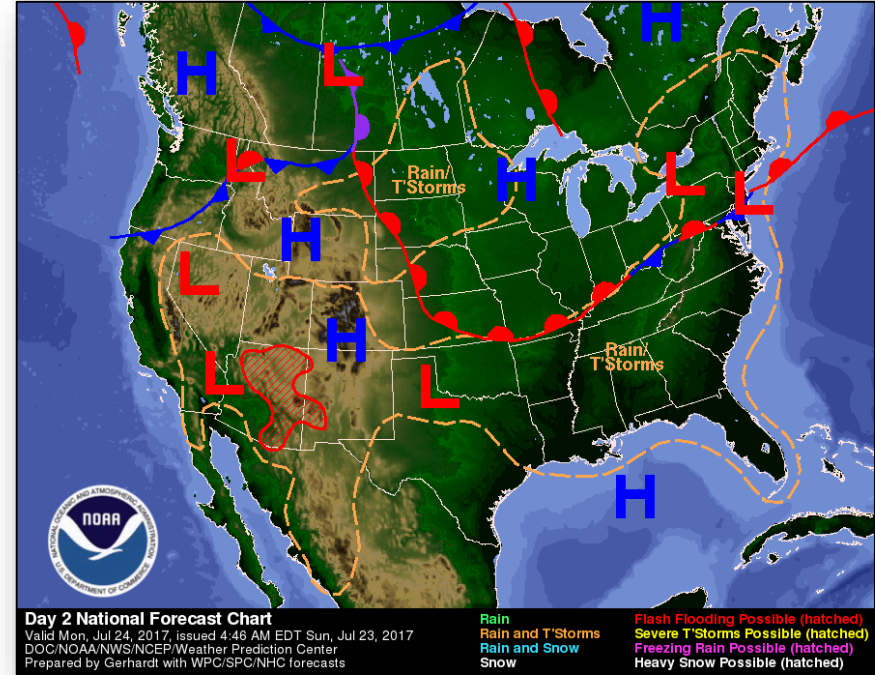
National Weather Forecast



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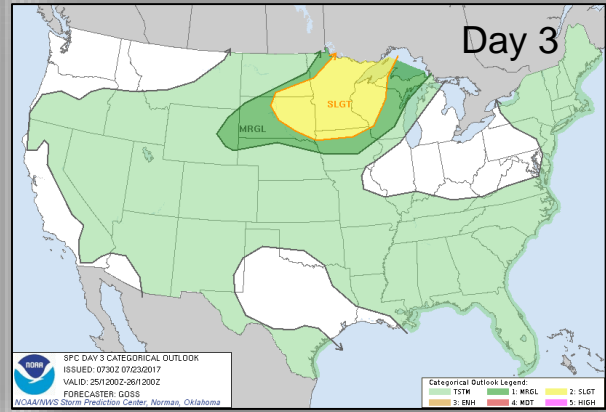
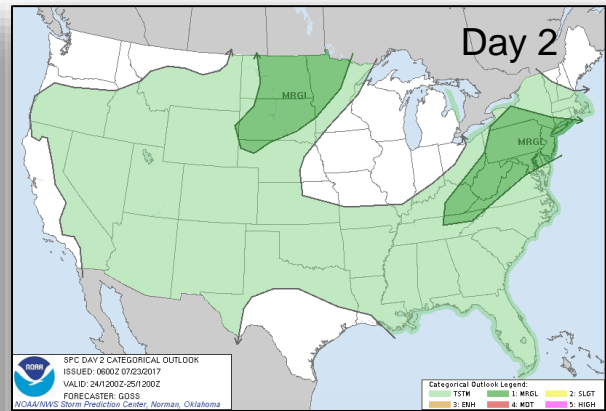
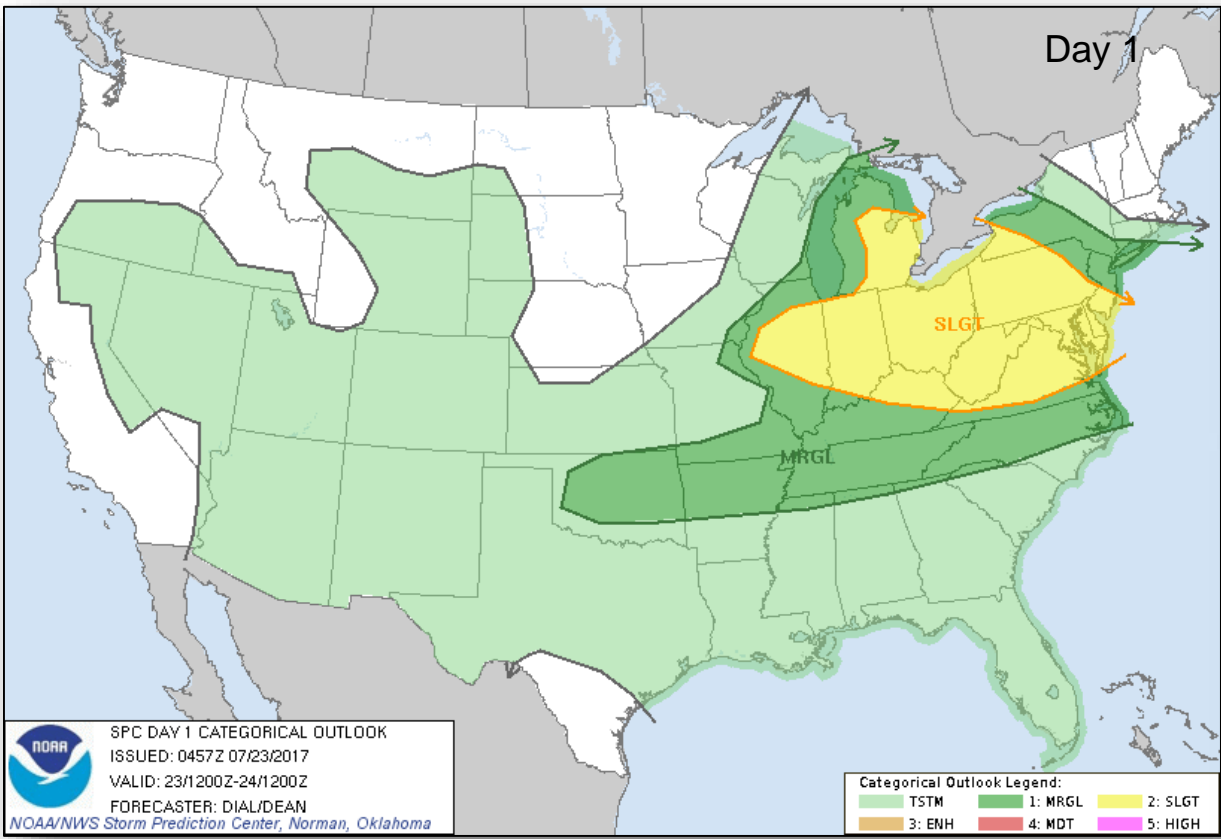


Today



Tomorrow

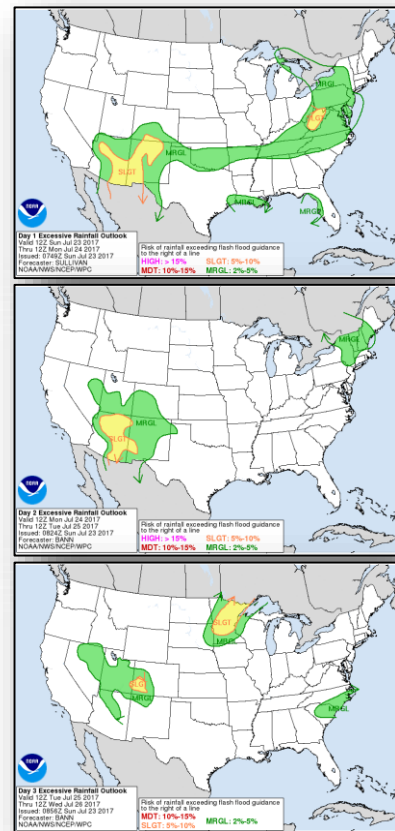
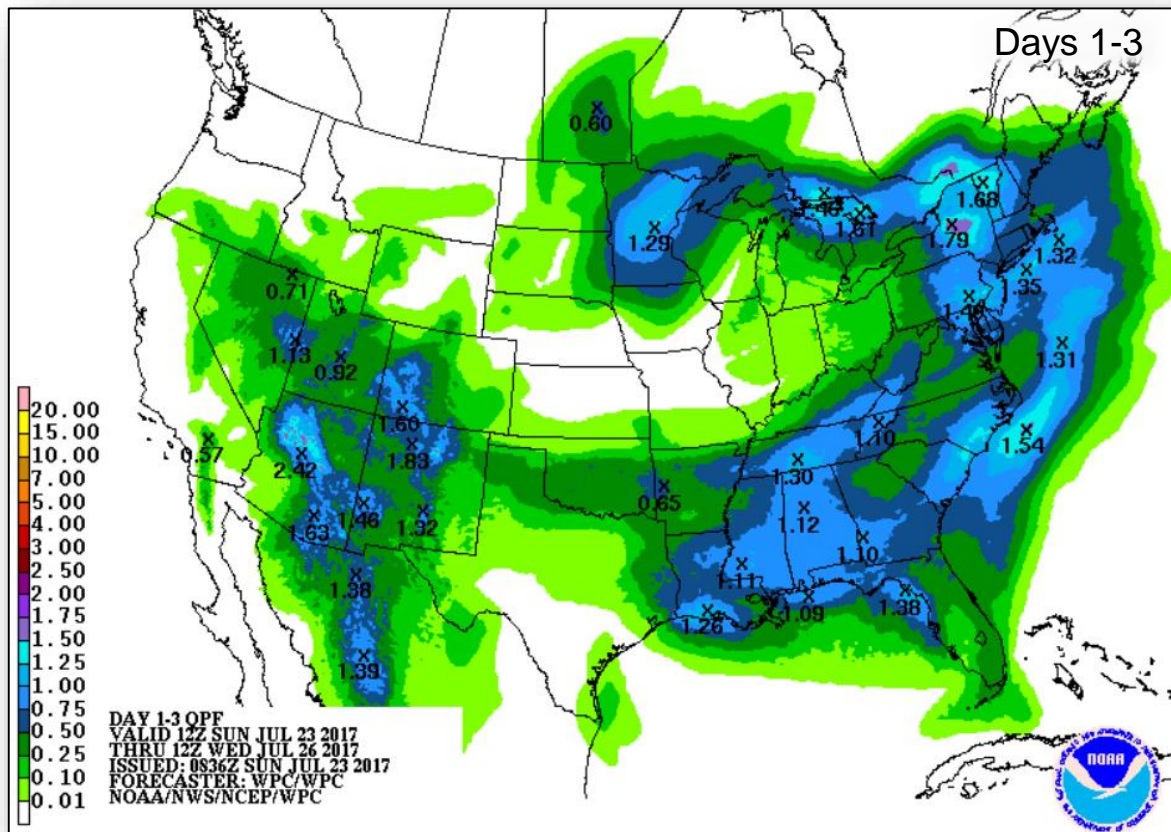
Severe Weather Outlook – Days 1-3



Precipitation Forecast / Flash Flood Risk



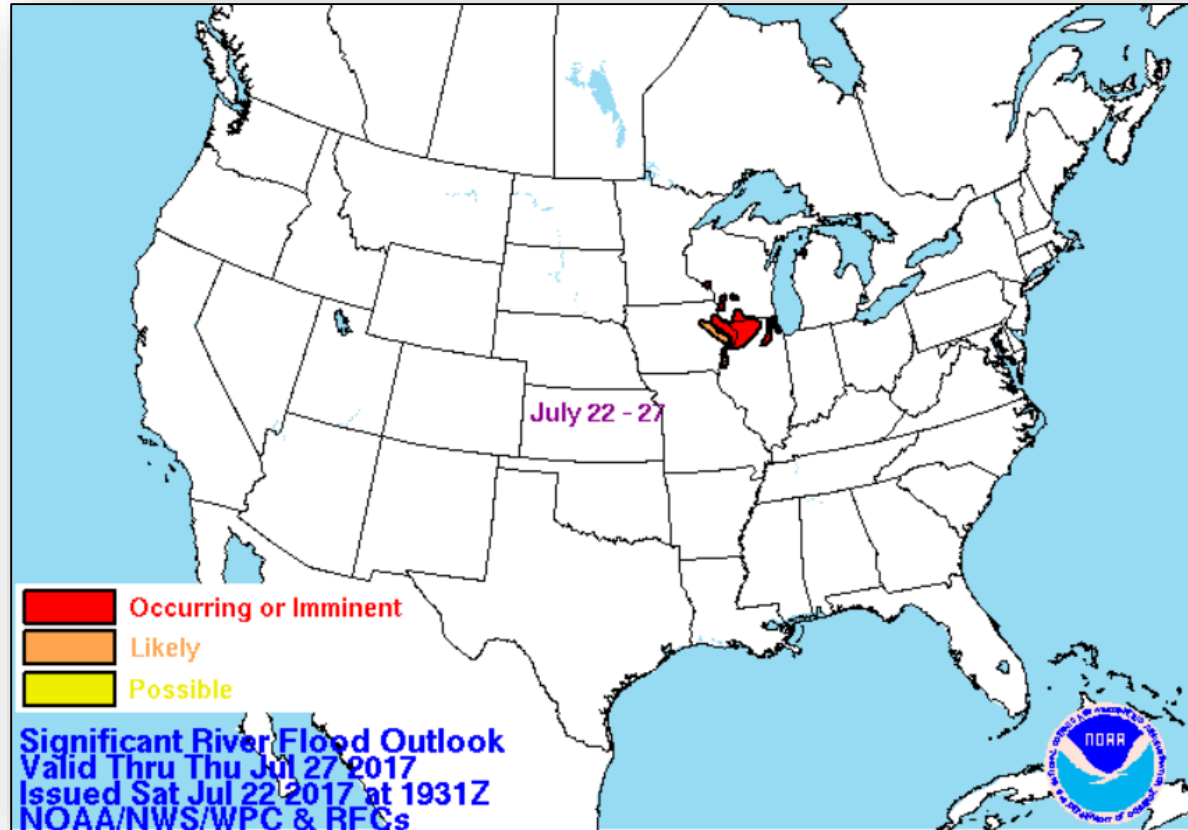
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National River Flood Outlook



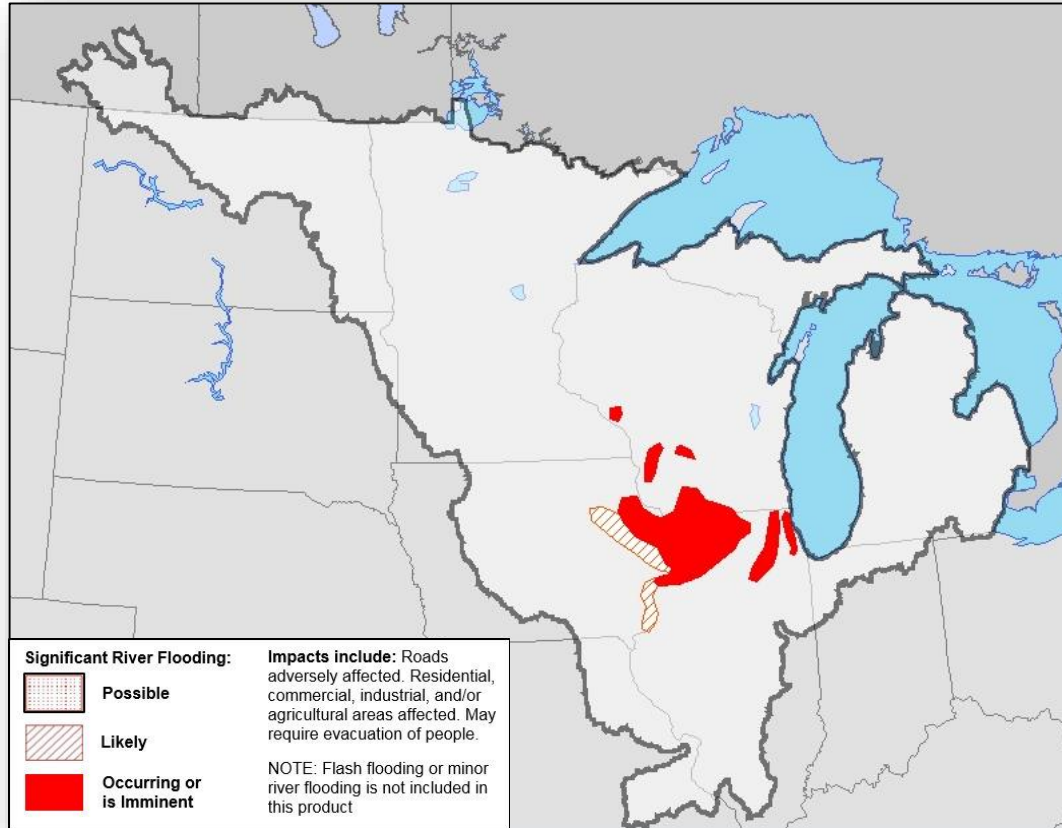
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Significant River Flood Outlook



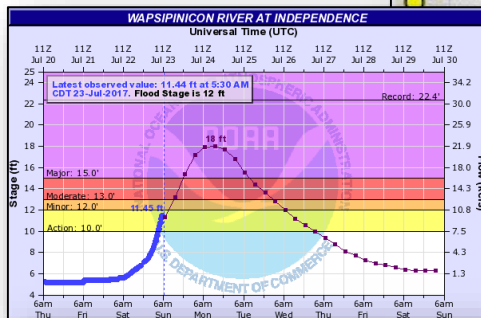
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Significant River Flood Outlook

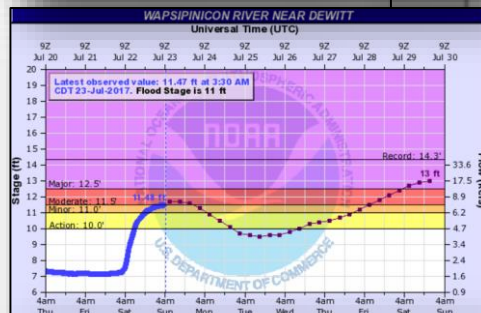


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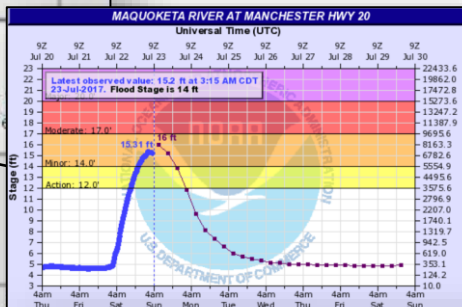
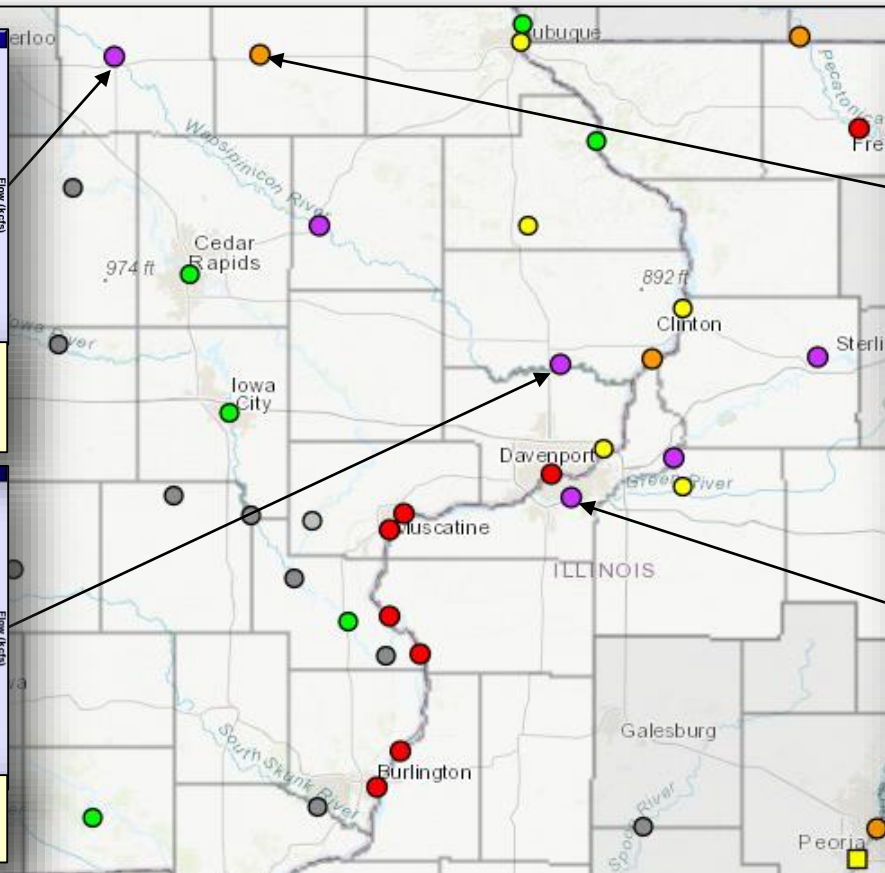
Wapsipiconic River at Independence:

- Expected to peak at 18' on July 24
- Water affects many residences, businesses & parks in Independence and Littleton



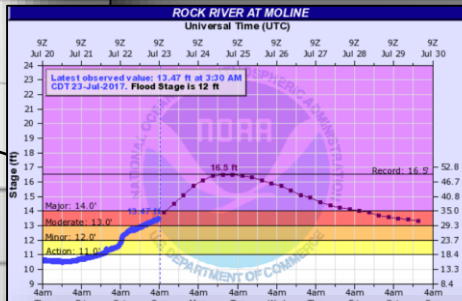
Wapsipiconic River at Dewitt:

- Expected to peak at 13.1' on July 29
- Water affects many residences & businesses



Maquoketa River at Manchester:

- Peaked at 23.8' on July 22
- Water affected many businesses & closed numerous roads



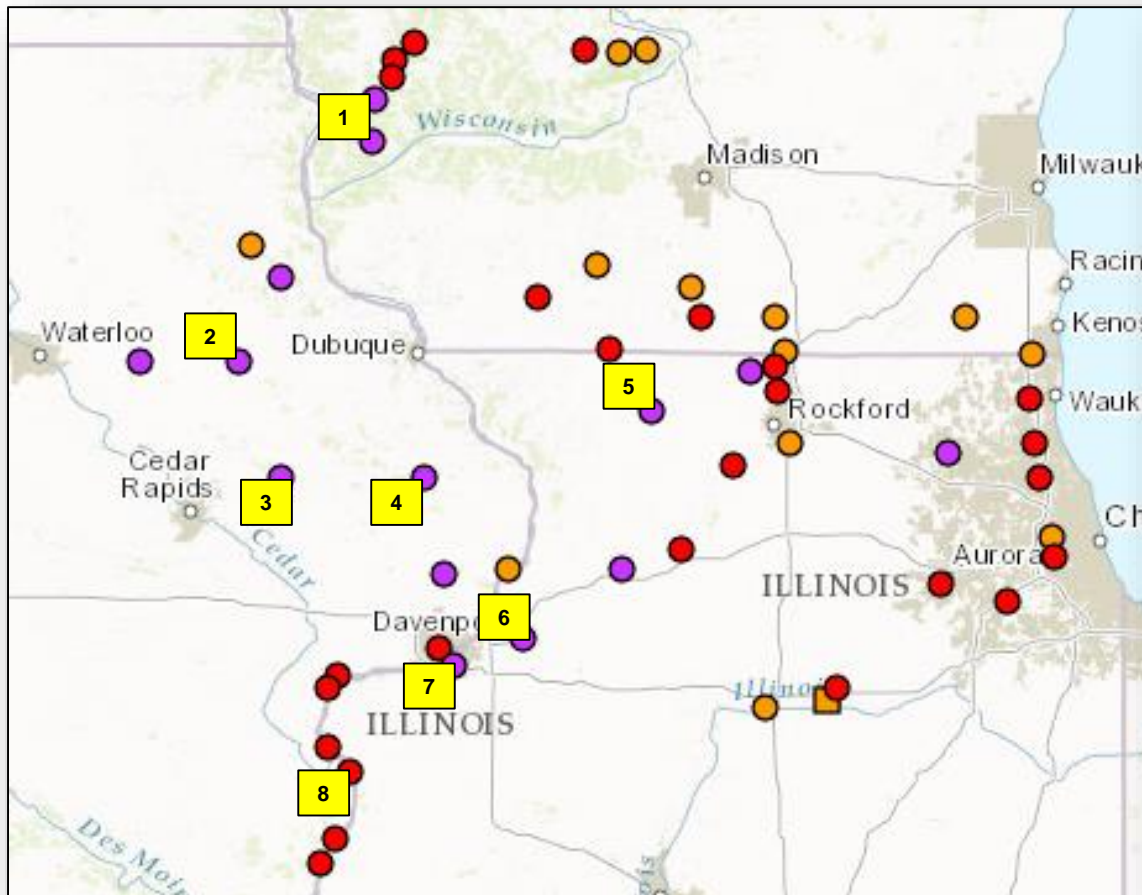
Rock River at Moline:

- Expected to peak at 16.5' (record) on July 25
- Affects many businesses, roads and Sears Dam

Significant River Flood Outlook



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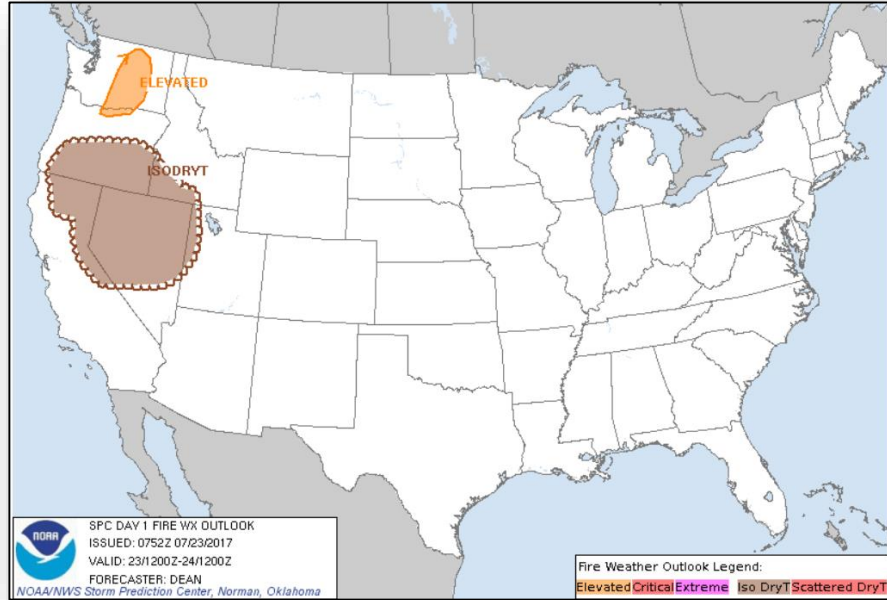
Riverine Flooding Wisconsin, Iowa, & Illinois

- 1. Kickapoo River at Gays Mills & Steuben:**
 - Gays Mills: Peak of 18' on July 21; Record 19'
 - Steuben: Peak of 17' on July 22
 - Damage assessments continue along the river
- 2. Maquoketa River at Manchester:**
 - Peak of 23' projected on July 23; Record 24'
 - Water is on Main St affecting local businesses
- 3. Wapsipinicon River at Independence:**
 - Expected to peak at 19.5' on July 24
 - Water affects many residences, businesses & parks in Independence and Littleton
- 4. Maquoketa River at Maquoketa:**
 - Peak of 30' on July 22
 - Flooding on N. side of town, primary impact to agriculture
- 5. Pecatonica River at Freeport:**
 - Peak of 16' on projected on July 23, slowly receding
 - Primary impacts are street closures & some businesses
 - Pecatonica River feeds into Rock River N. of Rockford, IL
- 6. Rock River at Joslin**
 - Peak of 19' projected for July 24; Record 19.2'
 - Road closures, some homes & business flood
- 7. Rock River at Moline**
 - Projected to exceed current record of 16.5 on July 24
 - Neighborhoods in Moline and Quad City area flooded
 - Road closures cuts off access to many homes
- 8. Mississippi River**
 - Wapsipinicon, Rock and Maquoketa Rivers feed into Mississippi River just N. of Davenport, IA
 - No major riverine flooding expected on Mississippi

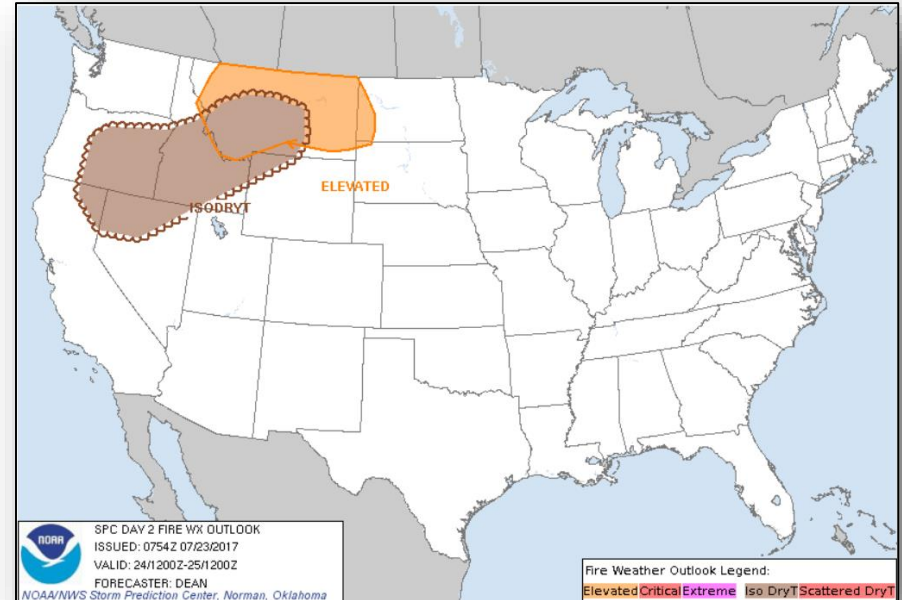
Fire Weather Outlook



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Today

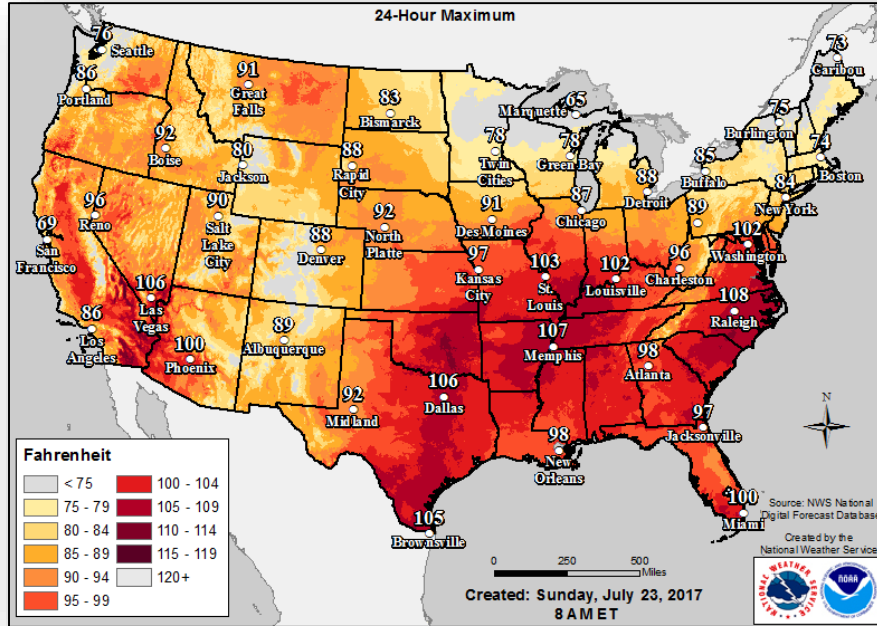


Tomorrow

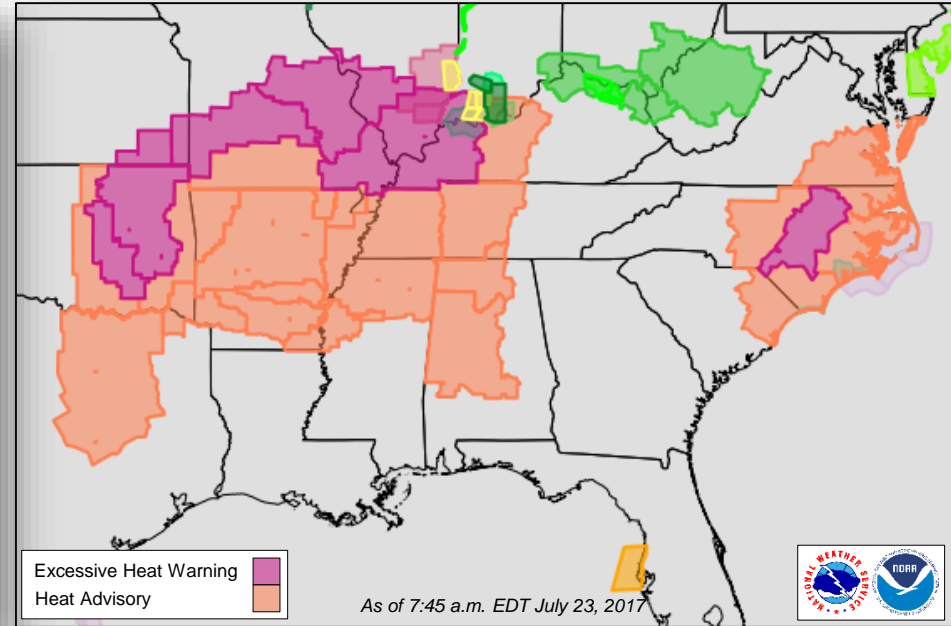
Forecast Heat Index



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National Heat Index

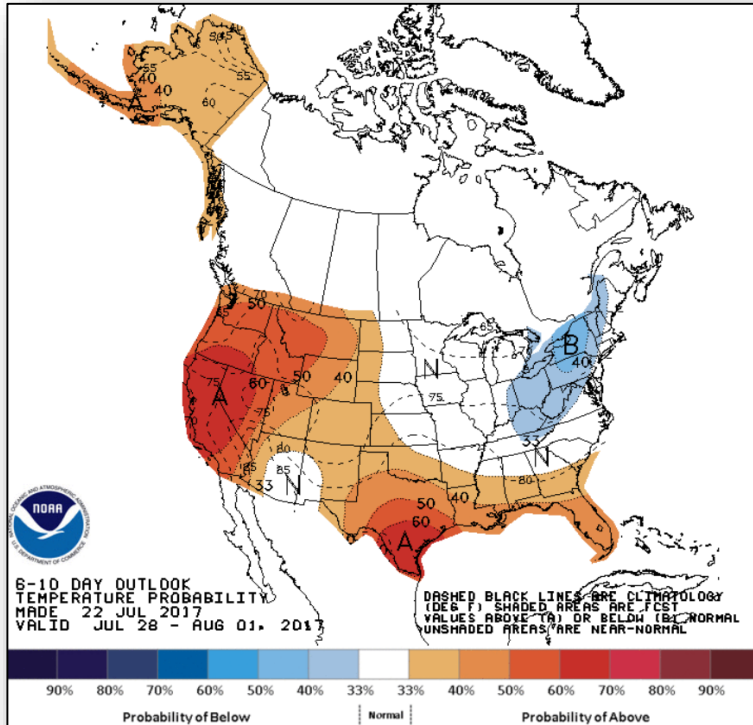


Watches, Warnings, and Advisories

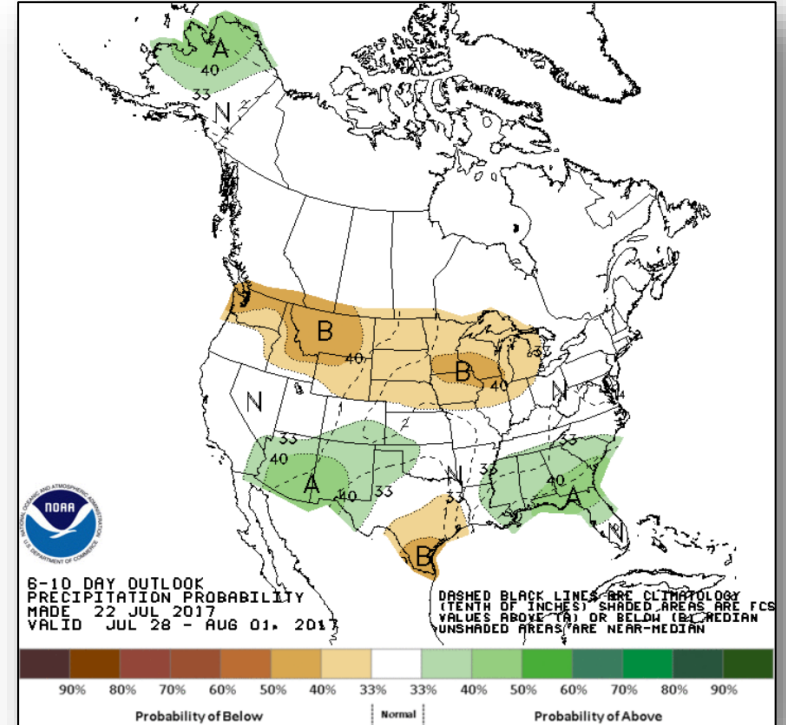
6-10 Day Outlooks



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6-10 Day Temperature Probability



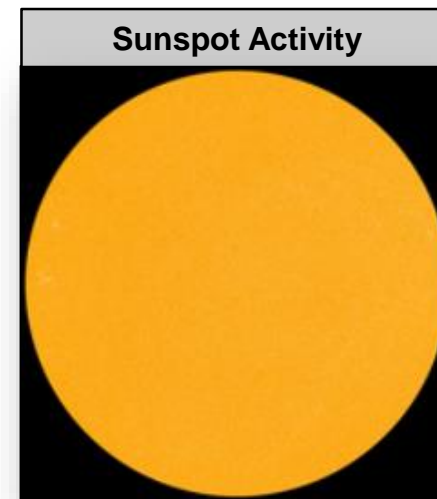
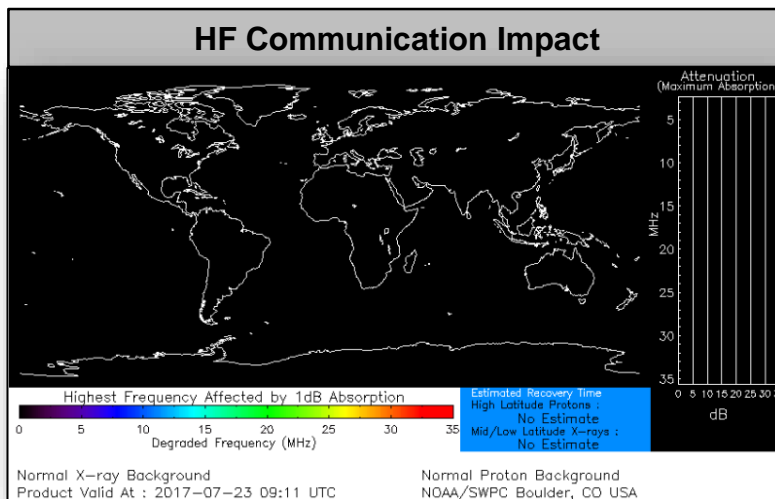
6-10 Day Precipitation Probability

Space Weather



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	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	Minor	G1	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				



Wildfire Summary

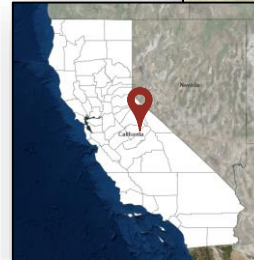
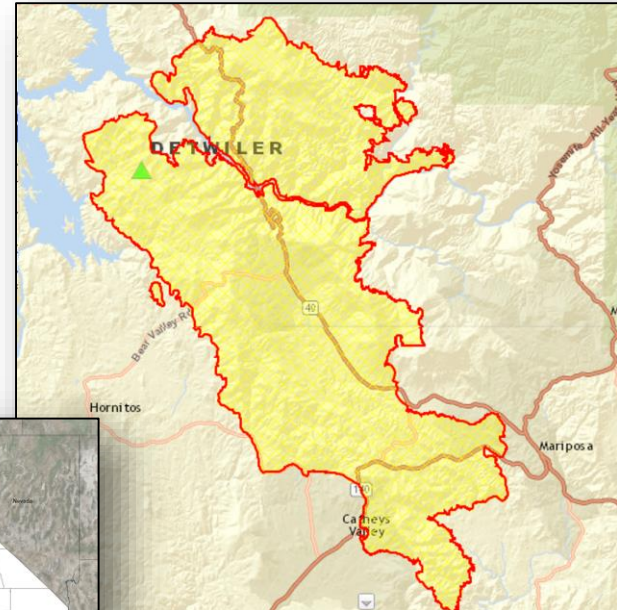


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Fire Name (County)	FMAG # (Approved Date)	Acres Burned	Percent Contained	Evacuations (Residents)	Structures			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
California (1)								
Detwiler (Mariposa)	5192-FM-CA July 17, 2017	75,500 (+500)	40% (+15)	Mandatory & Advisory	1,500 homes	21 (13 homes)	131 (63 homes)	0 / 0

Detwiler Fire

- Mandatory evacuations have been lifted for the town of Mariposa (pop. 2,173), **however the town remains under an evacuation advisory**
- Mandatory evacuations remain in effect for other areas along and within the fire perimeter



Joint Preliminary Damage Assessments



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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	1	Jul 6 – Jul 21
	Vermont	Severe Weather Jun 30 – Jul 1, 2017	IA	0	0	N/A
			PA	8	7	Jul 12 – TBD

Disaster Requests & Declarations



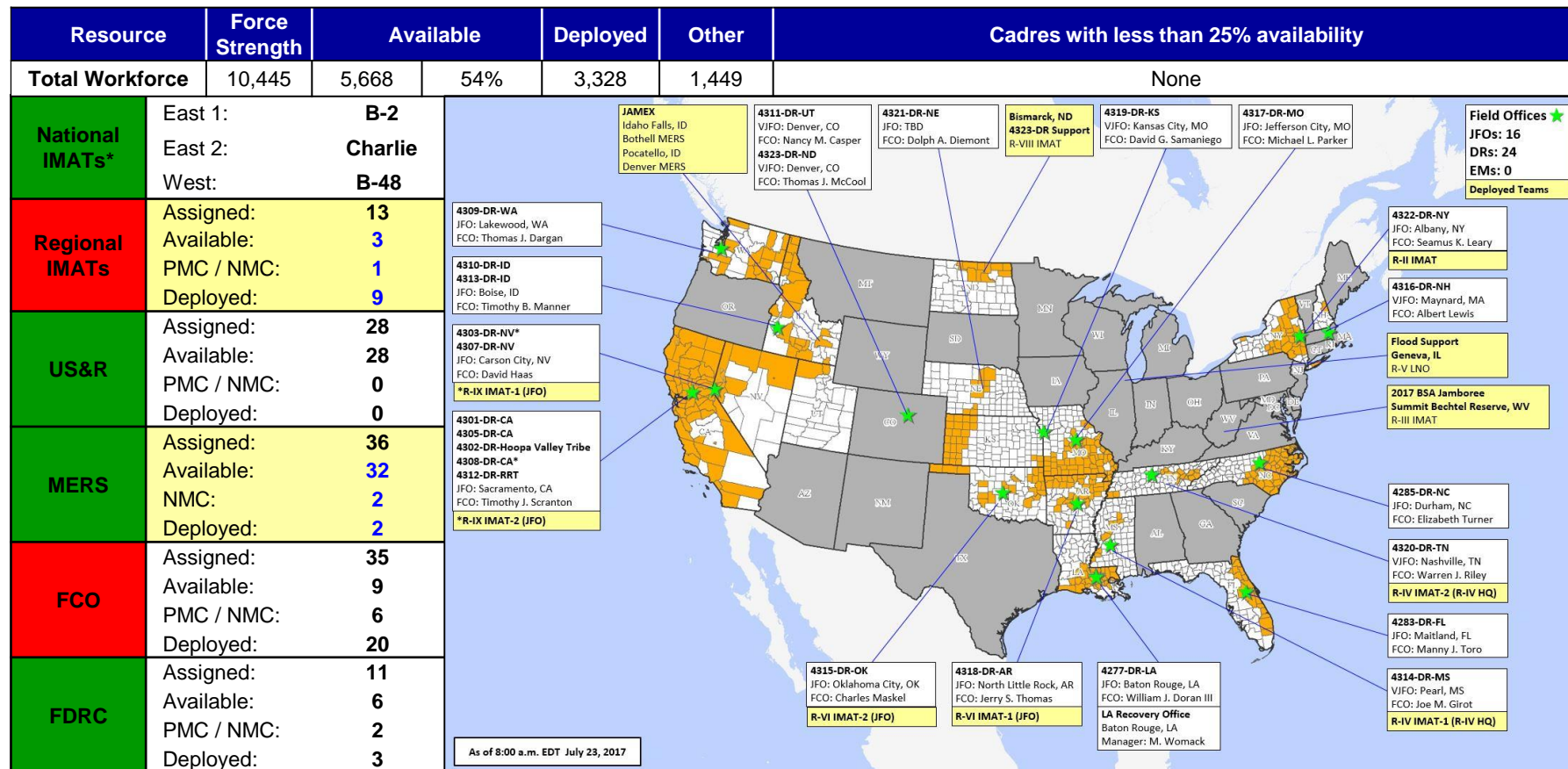
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Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
8	Date Requested	0	0
OR – DR (Appeal) Severe Winter Storm	June 9, 2017		
OK – DR Severe Storms, Tornadoes, Straight-line Winds, and Flooding	July 6, 2017		
NY – DR (Expedited) DR Flooding	July 6, 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		
ID – DR Flooding	July 20, 2017		
MI –DR Severe Storms and Flooding	July 21, 2017		

Readiness – Deployable Teams and Assets



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*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



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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	Not Activated				Region VIII de-activated from support of FEMA-4323-DR-ND

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



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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.