

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.

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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

Thursday, September 29, 2016

8:30 a.m. EDT

Significant Activity - Sept 28 - 29



Significant Events: Midwest Flooding

Tropical Activity:

- Atlantic – Tropical Storm Matthew
- Eastern Pacific – Tropical Storm Ulika; Tropical Depression Roslyn; Disturbance 1 – Low (20%)
- Central Pacific – No tropical cyclones expected through early Friday evening
- Western Pacific – Tropical Storm 21W (Chaba)

Significant Weather:

- Flash flooding possible – Mid-Atlantic to Great Lakes
- Rain and thunderstorms – central & southern CA; Northern Intermountain/Northern Rockies to Southwest/Southern Rockies; Northern Plains; Middle Mississippi Valley to Great Lakes and Southeast to Mid-Atlantic
- Rain and snow – higher elevations of Northern and Central Rockies
- Elevated Fire Weather – None
- Red Flag Warnings – CA & OR
- Space Weather – Moderate space weather with G2 geomagnetic storms observed past 24 hours; moderate space weather with G2 geomagnetic storms predicted next 24 hours

Earthquake Activity: No significant activity

Declaration Activity:

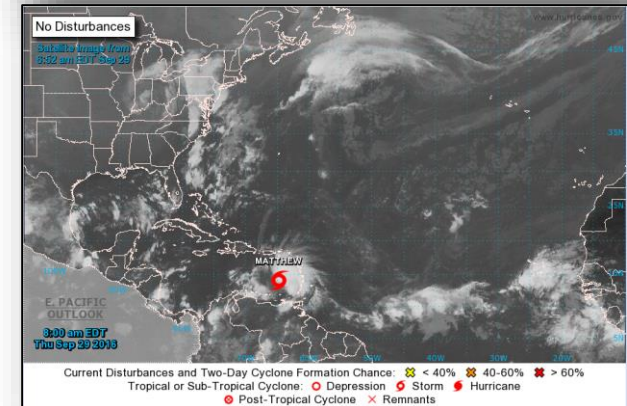
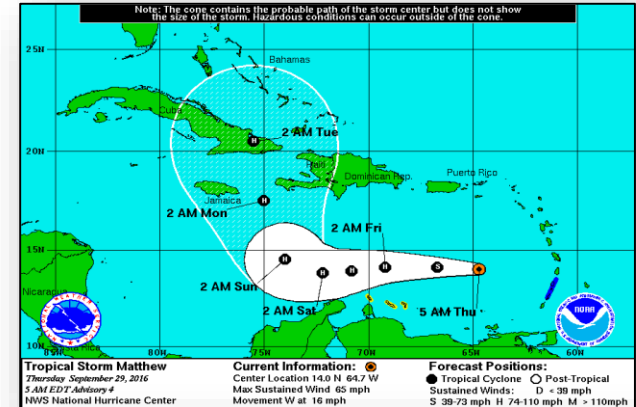
- Major Disaster Declaration Approved – FL
- Major Disaster Declaration Request - HI

Tropical Outlook - Atlantic



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

- Located 320 miles SSE of San Juan, Puerto Rico
- Moving W at 16 mph
- This general motion with some decrease in forward speed expected next couple of days
- Center forecast to pass north of Aruba, Bonaire and Curacao on Friday
- Maximum sustained winds 65 mph
- Gradual strengthening forecast next 48 hours; forecast to become a hurricane by tonight
- Tropical storm force winds extend 185 miles
- Tropical Storm Warnings and Watches in effect for non-US interests



Tropical Outlook - Eastern Pacific

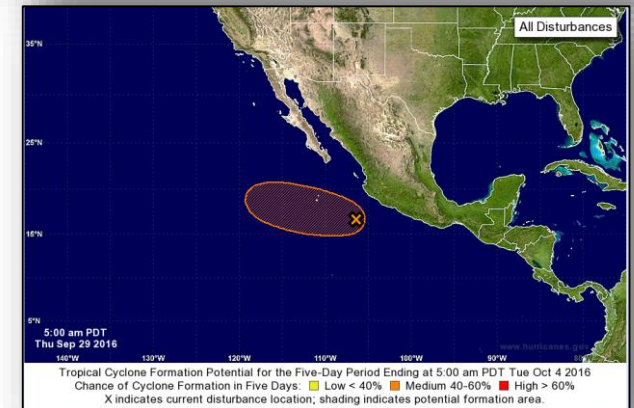
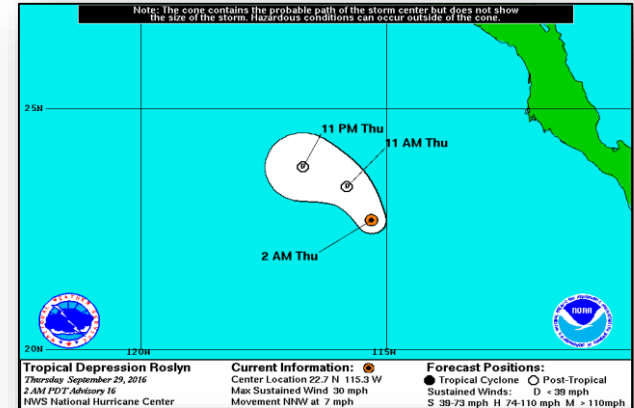


Tropical Depression Roslyn: (Advisory #16 as of 5:00 a.m. EDT)

- Located 345 miles W of southern tip of Baja California
- Moving NNW at 7 mph
- A turn NW and WNW expected later today and tonight
- Maximum sustained winds 30 mph
- Additional weakening is forecast, expected to become a remnant low later today and dissipate on Friday
- No coastal watches or warnings in effect

Disturbance 1 (as of 8:00 a.m. EDT)

- Located several hundred off the southwestern coast of Mexico
- Moving W to WNW at 10 mph away from coast of Mexico
- Conditions marginally conducive for some development next several days
- By late this weekend, forecast to encounter cooler waters, making development unlikely
- Formation chance through 48 hours: Low (20%)
- Formation chance through 5 days: Medium (50%)

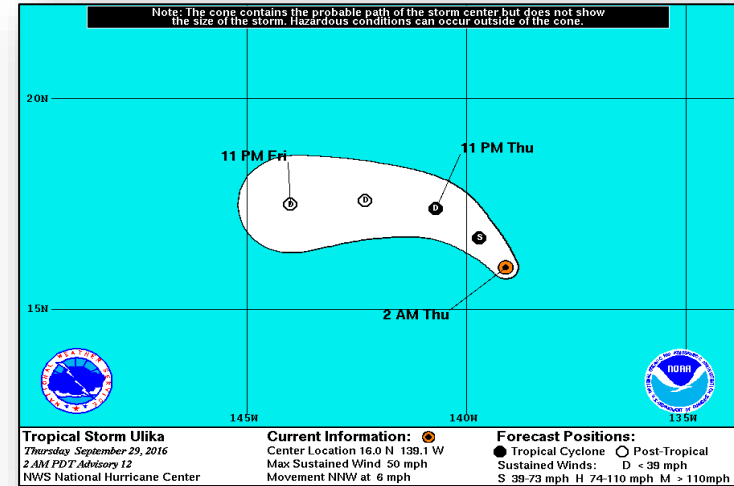


Tropical Outlook - Eastern Pacific



Tropical Storm Ulika (Advisory #12 as of 5:00 a.m. EDT)

- Located 1,080 miles E of Hilo, Hawaii
- Moving NNW at 6 mph
- A turn NW expected later today, followed by a turn W on Friday
- Forecast to move into Central Pacific Hurricane Center's area of responsibility later today
- Maximum sustained winds 50 mph
- Weakening is forecast next 48 hours
- Expected to become a tropical depression tonight and a remnant low on Friday
- Tropical storm force winds extend 35 miles
- No coastal watches or warnings in effect

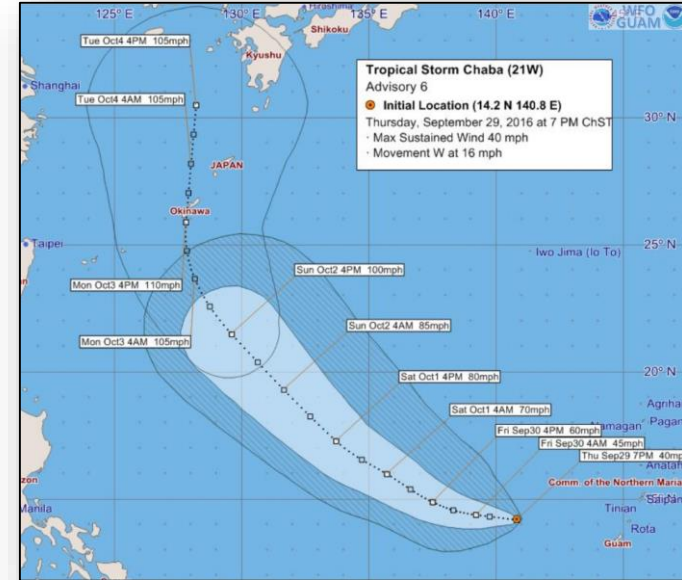


Tropical Outlook – Western Pacific

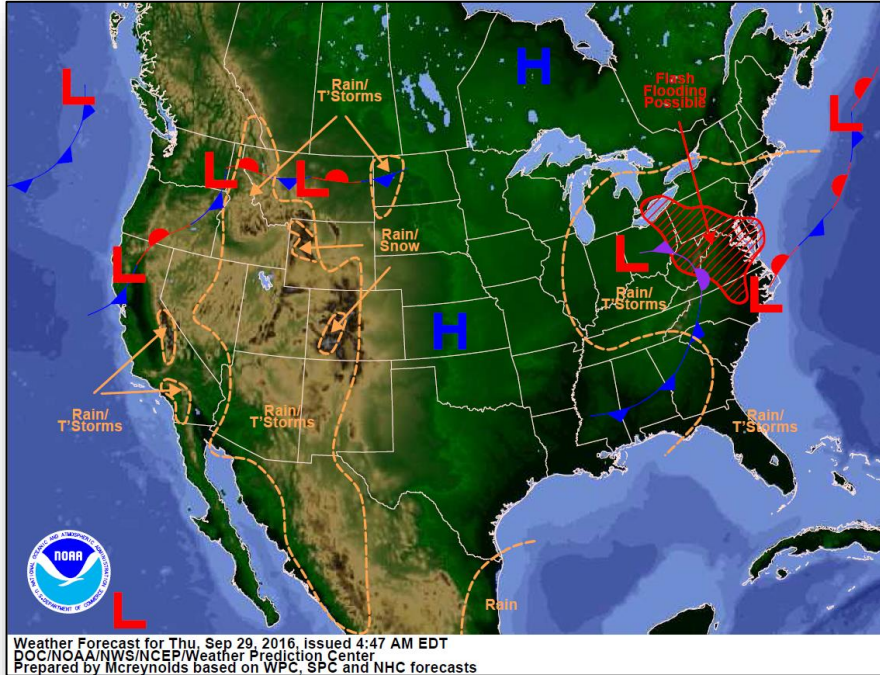


Tropical Storm 21W (Chaba) (Advisory #6 as of 5:00 a.m. EDT)

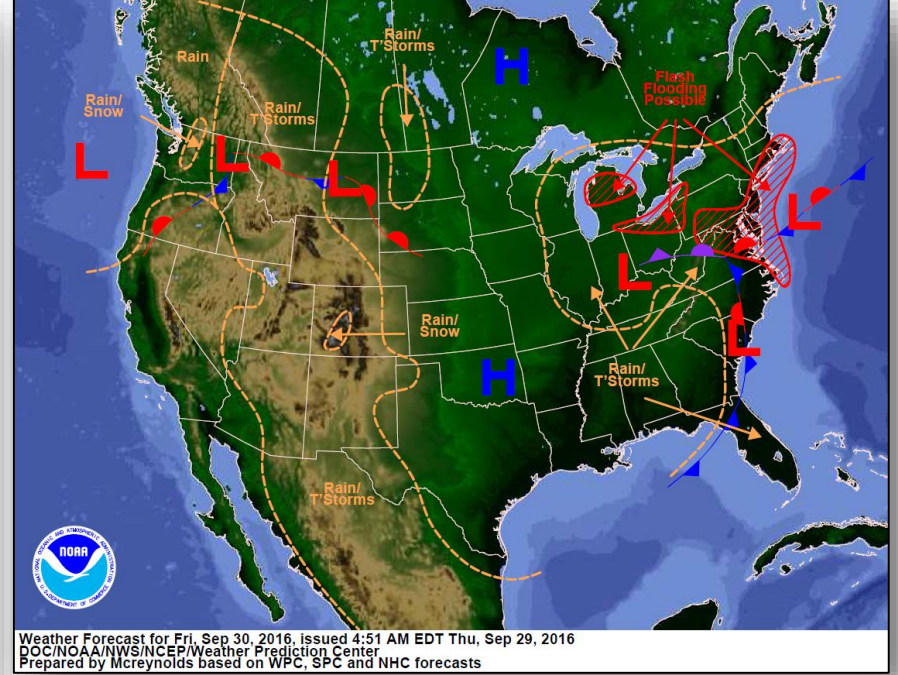
- Located 270 miles WNW of Guam
- Moving W at 16 mph
- Expected to turn gradually NW next couple of days
- Expected to slowly intensify
- May become a typhoon by Saturday
- Maximum sustained winds 40 mph
- No watches or warnings in effect
- No longer a threat to US interests



National Weather Forecast

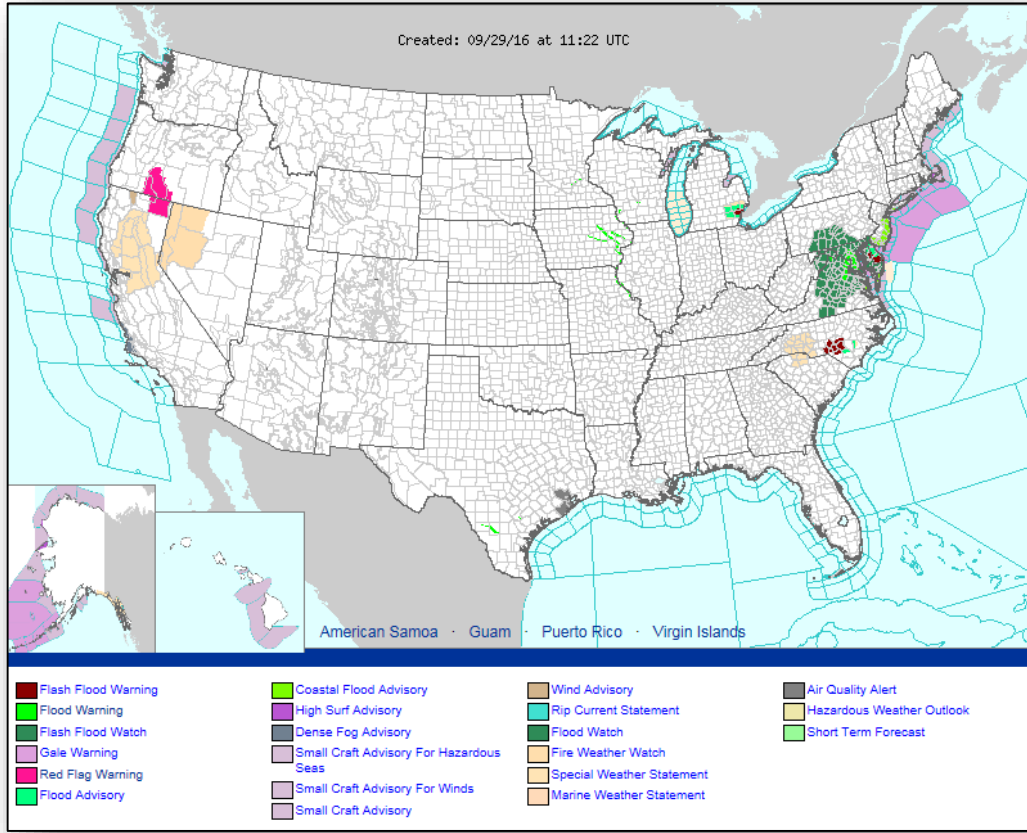


Today

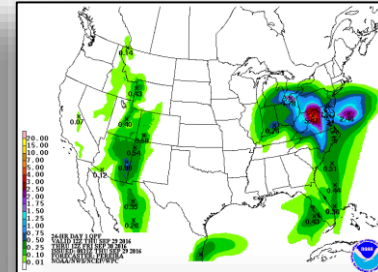
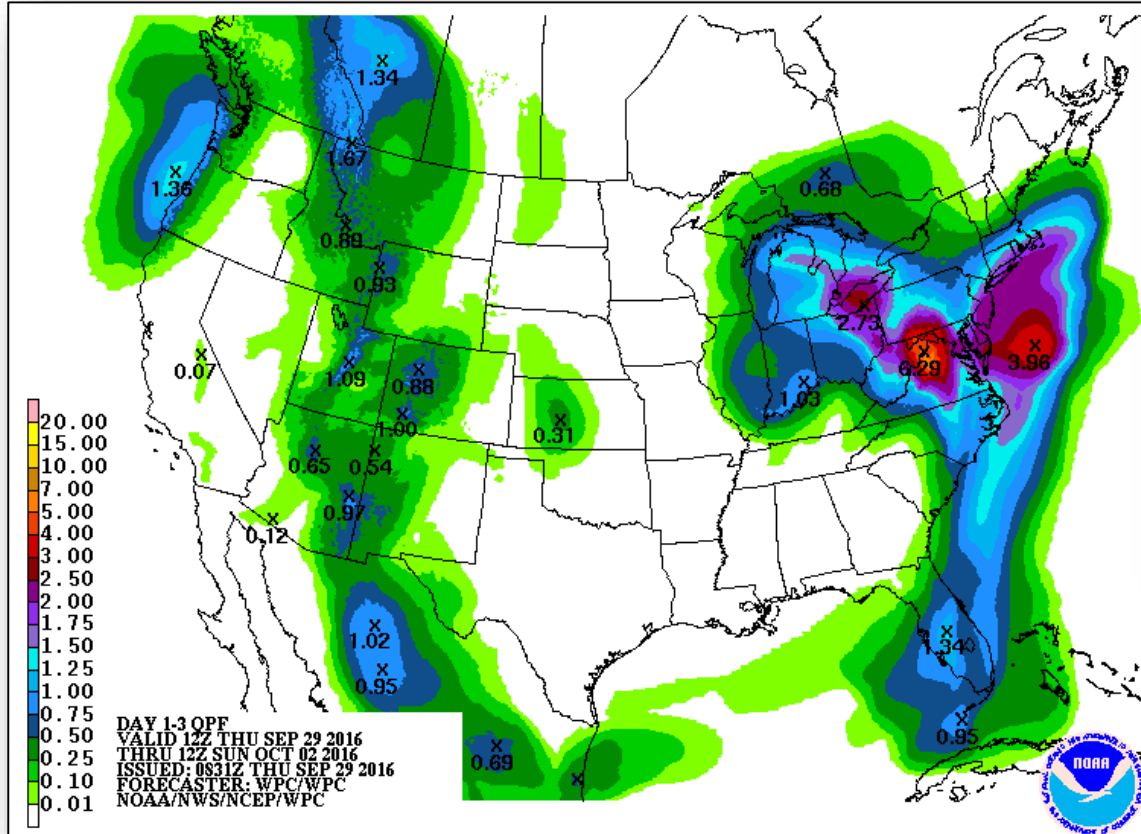


Tomorrow

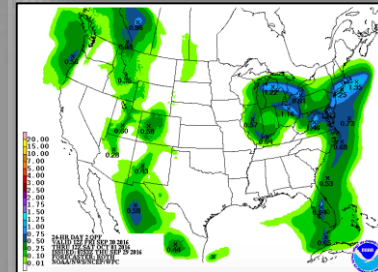
Active Watches and Warnings



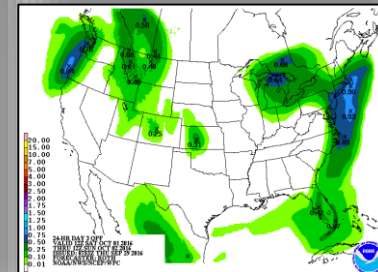
Precipitation Forecast - Days 1-3



Day 1

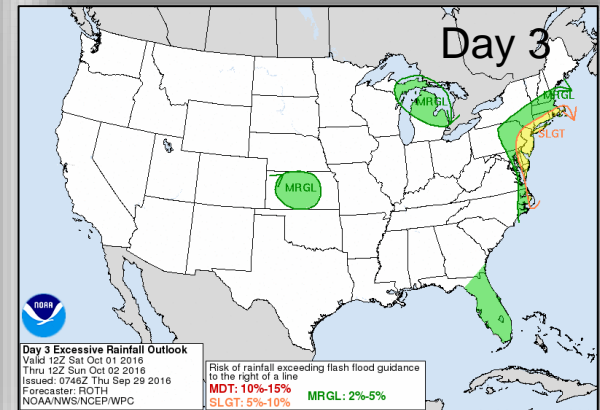
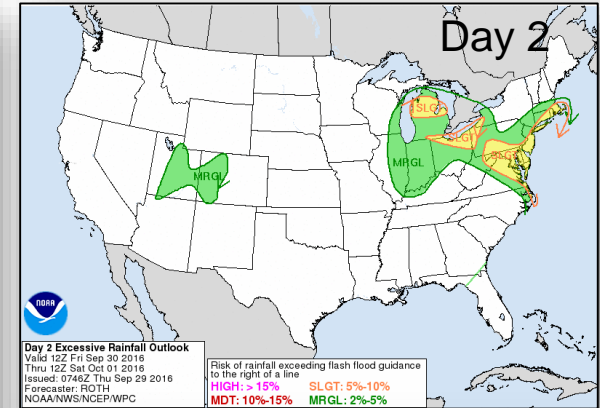
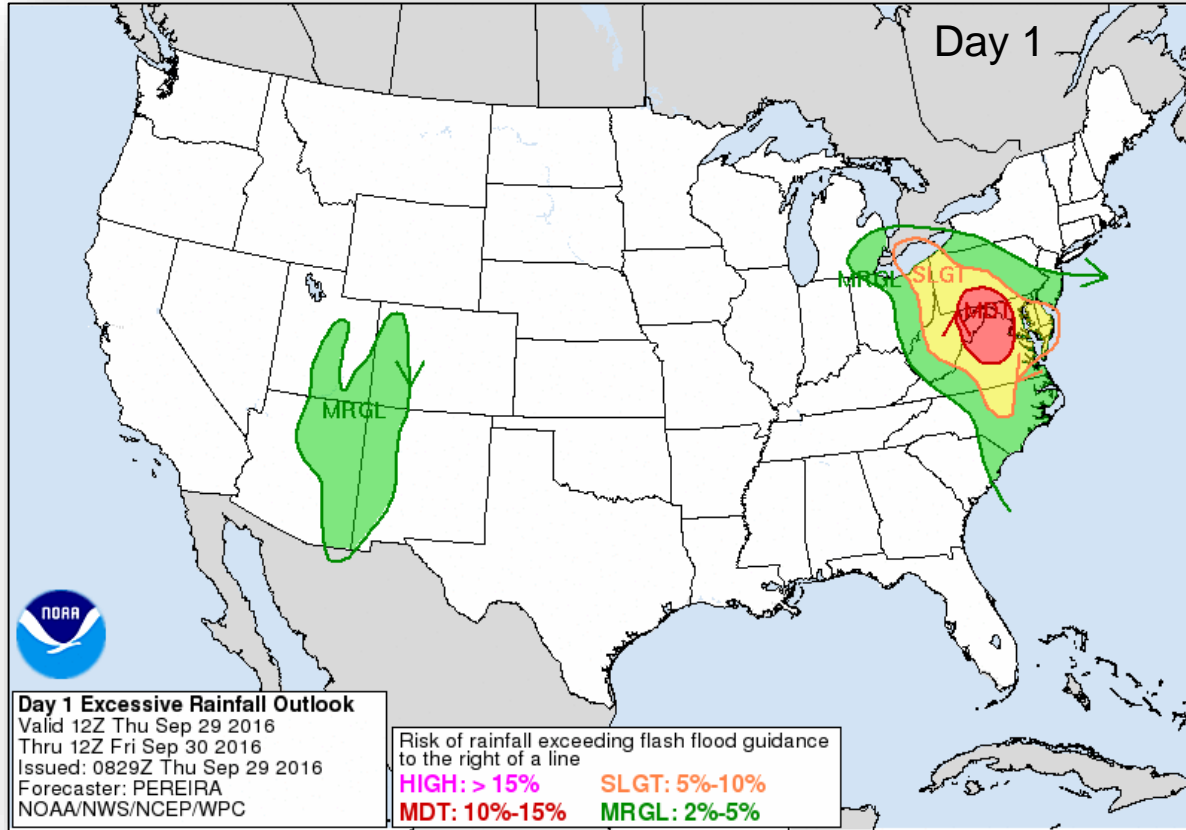


Day 2

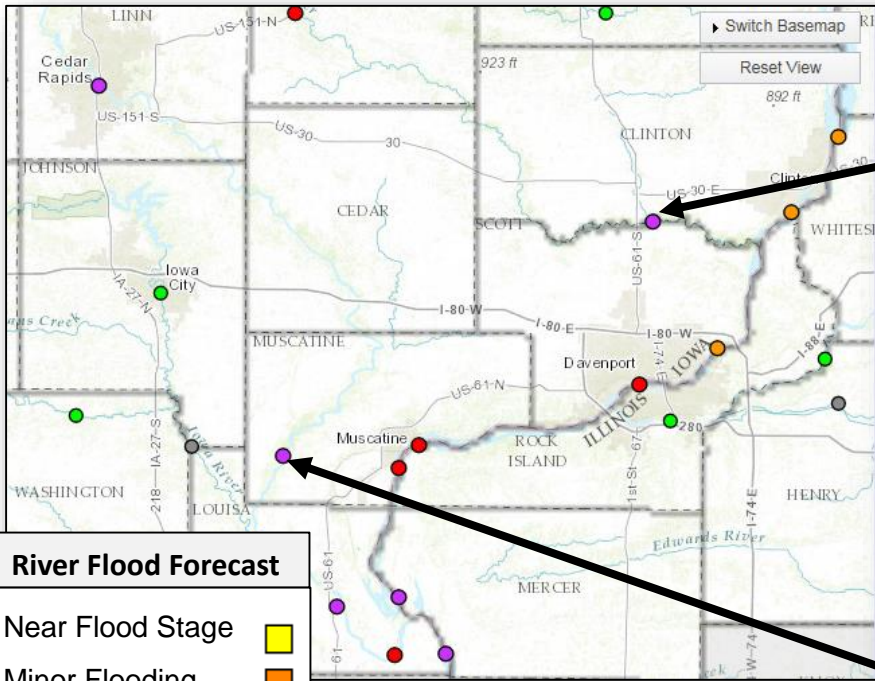


Day 3

Flash Flood Outlook - Days 1-3

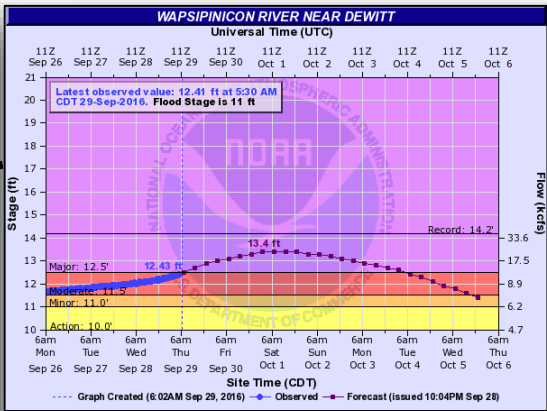


Upper Midwest Flooding



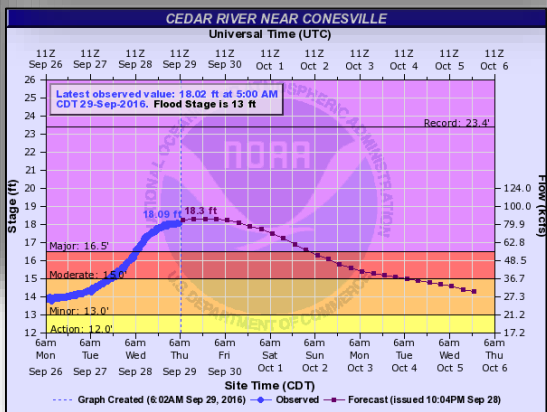
River Flood Forecast

- Near Flood Stage
- Minor Flooding
- Moderate Flooding
- Major Flooding



Peak Crest: This Weekend

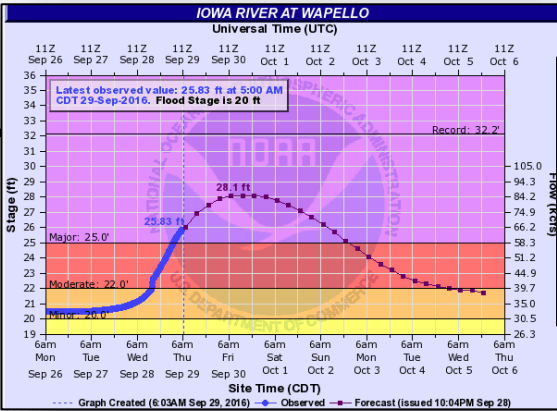
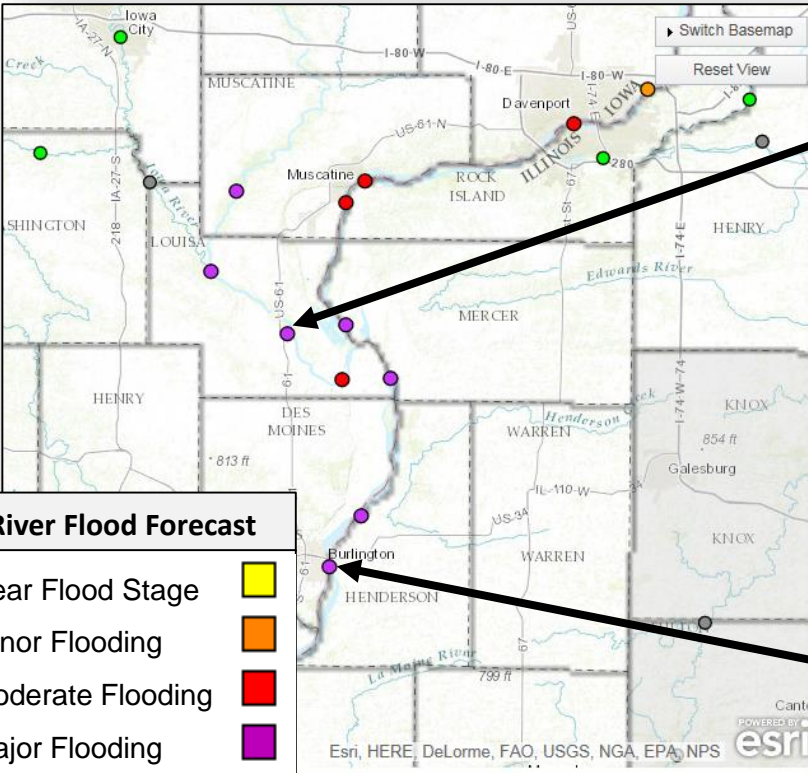
Impacts: Residences and businesses may be affected between Wheatland and Calamus



Peak Crest: Tonight

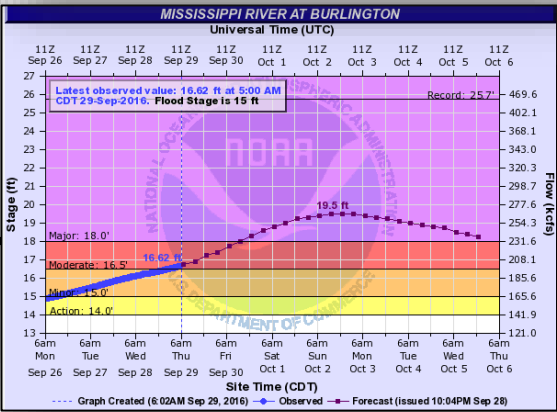
Impacts: Residences may be affected in Rochester and Moscow, IA

Upper Midwest Flooding



Peak Crest: Tomorrow

Impacts: Water reaches bottom of U.S. 61 bridge and nearby residences are flooded if no protective measures



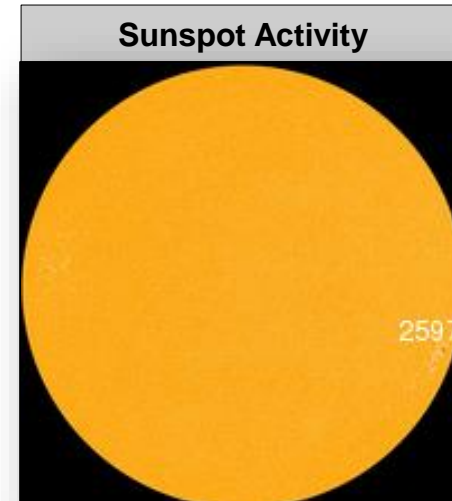
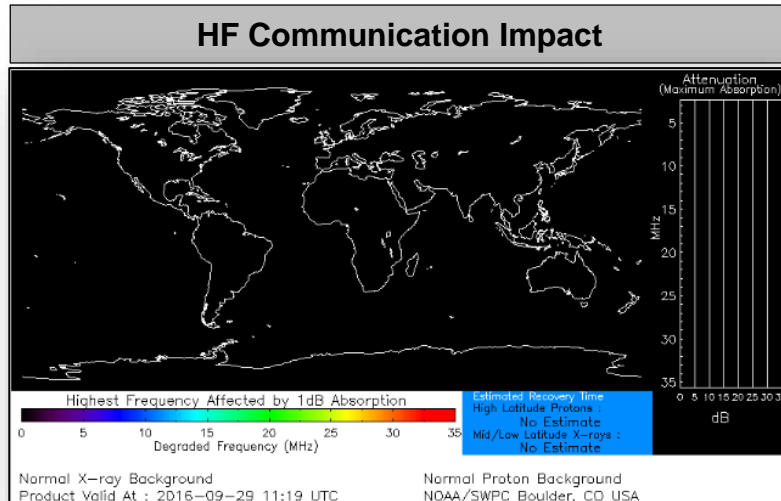
Major Flooding by Friday; Crest Late Weekend

Impacts: Water affect roads along the river in Burlington, and low-lying buildings and homes in Montrose, IA and Niota, IL if no protective measures

Space Weather

	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	Moderate	G2	None	None
Next 24 Hours	Moderate	G2	None	None

For further information on NOAA Space Weather Scales refer to <http://www.swpc.noaa.gov/noaa-scales-explanation>



Joint Preliminary Damage Assessments



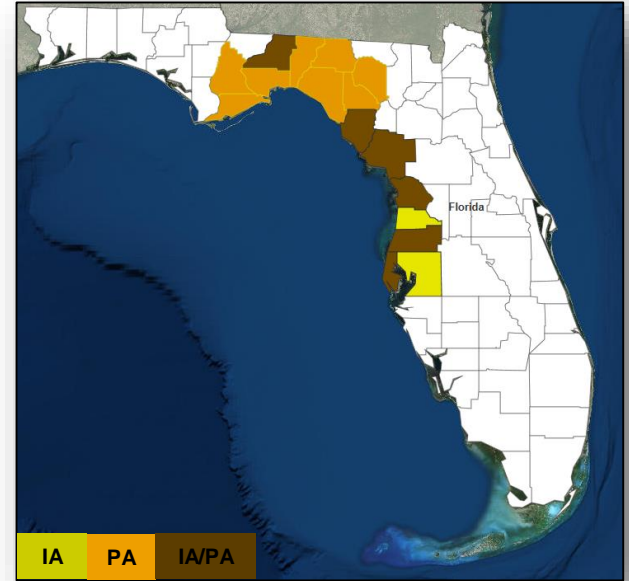
Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Complete	
IV	Florida	Severe Storms and Flooding (TS Hermine) August 30, 2016 – Ongoing	IA	12	12	9/6 – 9/15
			PA	33	26	9/7 – TBD
VII	Iowa	Flooding September 21 – Ongoing	IA	9	0	9/29 – TBD
VII	Kansas	Severe Storms and Flooding September 2 – 12, 2016	PA	11	0	9/28 – TBD

Major Disaster Declaration Approved – FL



FEMA-4280-DR-FL

- Major Disaster Declaration approved September 28, 2016 for State of Florida
- For Hurricane Hermine during the period of August 31 to September 11, 2016
- Provides:
 - Individual Assistance for 8 counties
 - Public Assistance for 14 counties
 - Hazard Mitigation statewide
- FCO is Terry L. Quarles



Disaster Requests & Declarations



Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
4	Date Requested	1	0
KS – DR (Appeal) Severe Storms, Tornadoes, Straight-line Winds, and Flooding	August 31, 2016		
IA – DR Severe Storms, Straight-line Winds, and Flooding	September 19, 2016		
FL – DR Hurricane Hermine	September 20, 2016	Declared September 28	
Navajo Nation – DR Severe Storms and Flooding	September 21, 2016		
HI – DR Severe Storms and Flooding	September 27, 2016		

Major Disaster Declaration Request – HI

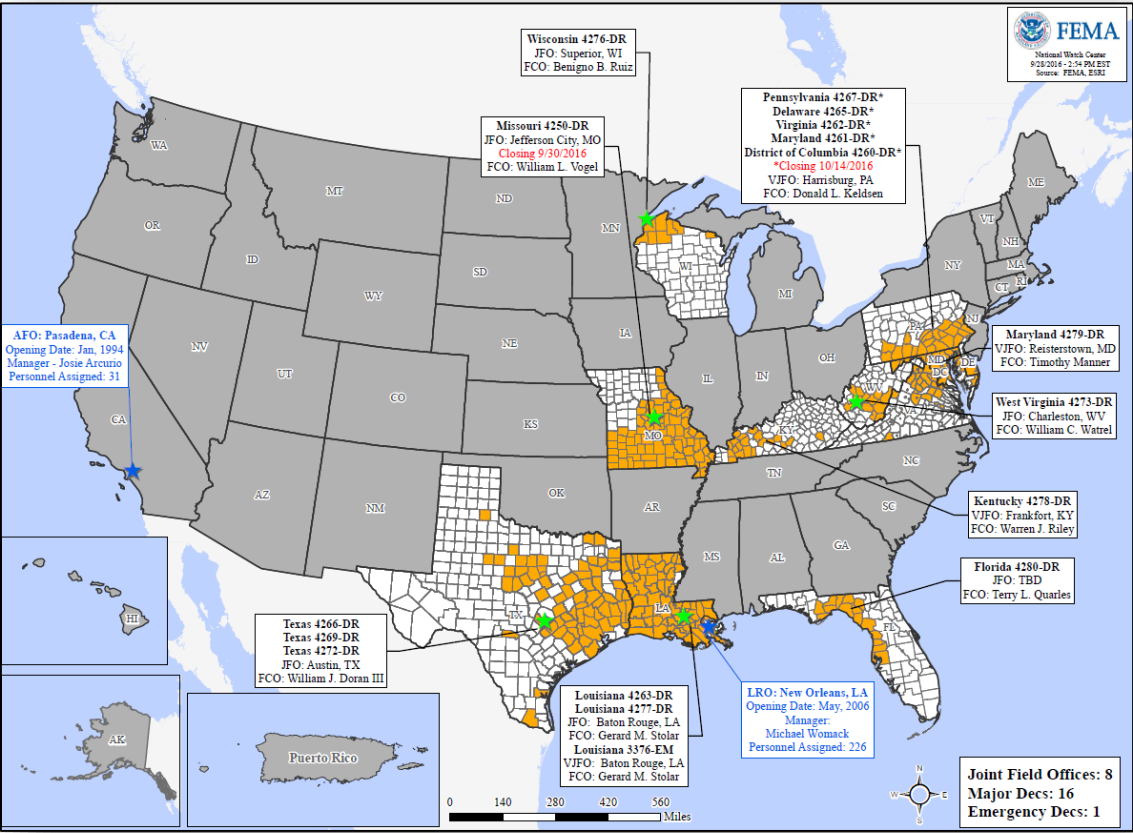


September 27, 2016

- Request for Major Disaster Declaration for State of Hawaii
- For severe storms and flooding during the period of September 11-14, 2016
- Requesting:
 - Public Assistance for Maui County
 - Hazard Mitigation for statewide



Open Field Offices as of September 28



Readiness – Deployable Teams and Assets



Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criterion
FCO	Yellow	35	6	17%	0	0	29		OFDC Readiness: FCO Green Yellow Red Type 1 3+ 2 1 Type 2 4+ 3 2 Type 3 4+ 3 2
FDRC	Red	10	1	10%	0	3	6		FDRC 3 2 1
US&R	Green	28	26	93%	1	1	0	NJ-TF1: Partially Mission Capable IN-TF1: Non-mission Capable (EX) 9/29-10/3	<ul style="list-style-type: none"> Green = Available / FMC Yellow = Available / PMC Red = Out-of-Service Blue = Assigned / Deployed
National IMAT	Yellow	3	2	67%	0	0	1	East 2 to LA (DR-4277)	<ul style="list-style-type: none"> Green: 3 available Yellow: 1-2 available Red: 0 avail (<i>Individual N-IMAT red if 50% of Section Chiefs and / or Team Leader is unavailable for deployment.</i>)
Regional IMAT	Green	13	9	69%	0	0	4	<u>Deployed:</u> Region II to LA (DR-4277) Region VI Team 2 to LA (DR-4277) Region VIII to LA (DR-4277) Region X to LA (DR-4277)	<ul style="list-style-type: none"> Green: >6 teams available Yellow: 4 - 6 teams available Red: < 4 teams available R-IMAT also red if TL Ops / Log Chief is unavailable & has no qualified replacement
MERS	Green	18	17	94%	0	0	1	<u>Assets are supporting:</u> PR (Zika UCG)	<ul style="list-style-type: none"> Green = >66% available Yellow = 33% to 66% available Red = <33% available

Readiness – National and Regional Teams



Resource	Status	Total	FMC Available		Partially Available	Not Available	Status	Comments	Rating Criteria
NWC		5	5		0	0	Not Activated		<ul style="list-style-type: none"> • Green = FMC • Yellow = PMC • Red = NMC
NRCC		2	2	100%	0	0	Not Activated		
HLT		1	1	100%	0	0	Activated		
RRCCs		10	10	100%	0	0	Not Activated		
RWCs/MOCs		10	10	100%	0	0	Not Activated	Region VII returned to Watch/Steady State	



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.