

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

Friday, September 23, 2016

8:30 a.m. EDT

Significant Activity - Sept 22 - 23



Significant Events:

- Significant power outage – Puerto Rico
- Upper Midwest Flooding

Tropical Activity:

- Atlantic – Tropical Storm Karl, Tropical Storm Lisa, Disturbance 1 – Low (20%)
- Eastern Pacific – Disturbance 1 – High (90%)
- Central Pacific – Disturbance 1 – Low (0%)
- Western Pacific – No Significant Activity

Significant Weather:

- Flash flooding possible – Upper/Middle Mississippi valleys
- Severe thunderstorms – Northern/central Plains
- Rain and snow – Central Great Basin & Northern/Central Rockies
- Critical/Elevated Fire Weather & Red Flag Warnings – CA & CO
- Space Weather – No space weather observed past 24 hours; no space weather predicted next 24 hours

Earthquake Activity: No significant activity

Declaration Activity: None

Significant Power Outage – Puerto Rico



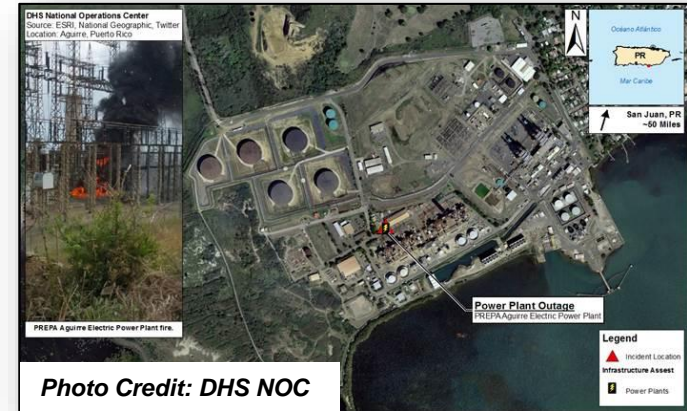
Situation: On September 21, a substation fire in Central Aguirre caused an island-wide power outage.

Impacts:

- One fatality; no injuries reported
- In the past 24-hours, power was restored to 948,583 customers; Puerto Rico Electric Power Authority (PREPA) estimates it will have the entire system back online by this evening
- 305,000 customers without potable water due to loss of power to generate water pumps
- Untreated waste water and sewage discharging into spillways
- Hospitals running on back-up generators and cisterns
- Light rail system not operational; buses being used to move passengers

Response:

- Governor declared a State of Emergency
- PR EOC at Partial Activation (Zika virus)
- Region II RWC and CAD are monitoring; 6 LNOs deployed to PR EOC
- CAD relocated to FEMA Distribution Center
- FEMA has 77 generators available to support critical facilities, if needed
- No requests for FEMA assistance



Upper Midwest Flooding



Situation: Powerful Storms with heavy rainfall impacted portions of southeastern MN, western WI, and northeastern IA, causing river flooding, flash flooding, and mudslides across much of the area.

Impacts:

- One fatality (flood related); no injuries reported (WI)
- Five cars and two engines of a BNSF train derailed due to track washout; 1k gallons of diesel spilled (WI)
- One non-maintained levee failed; evacuations underway in Clarksville, including a nursing home (IA)
- Evacuations of 100-200 homes ongoing in Bremer County, IA
- Numerous road closures due to widespread road damage across the affected

State & Local Response:

Wisconsin:

Governor declared a State of Emergency for 13 counties

Two local shelters open with 19 occupants

Iowa:

HESCO barriers (2,700 linear feet) being set along the river near Marengo (pop. 2,528)

Sandbagging operations continue in areas along the Cedar River (especially Cedar Rapids)

EOC at Partial Activation

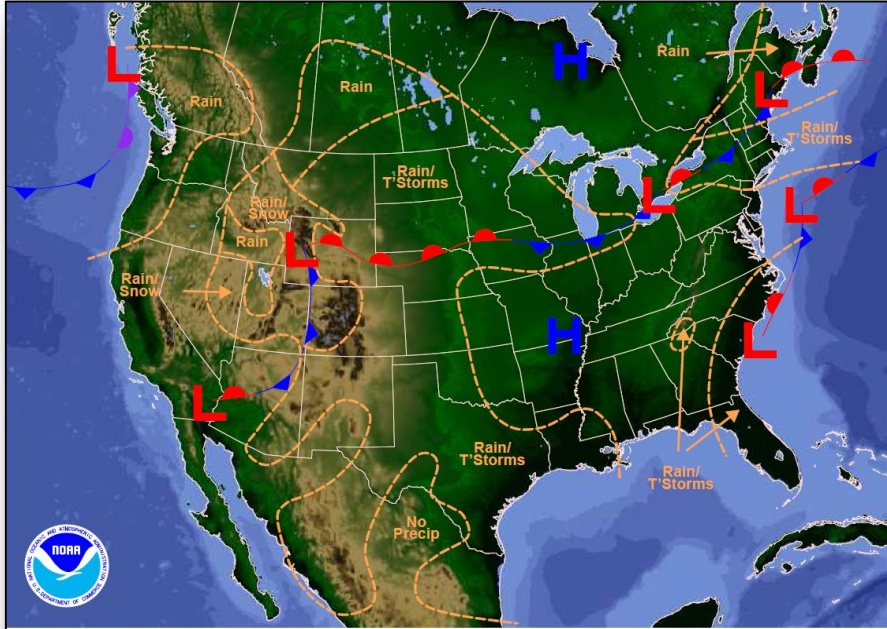
Minnesota:

EOCs at Partial Activation

Federal Response:

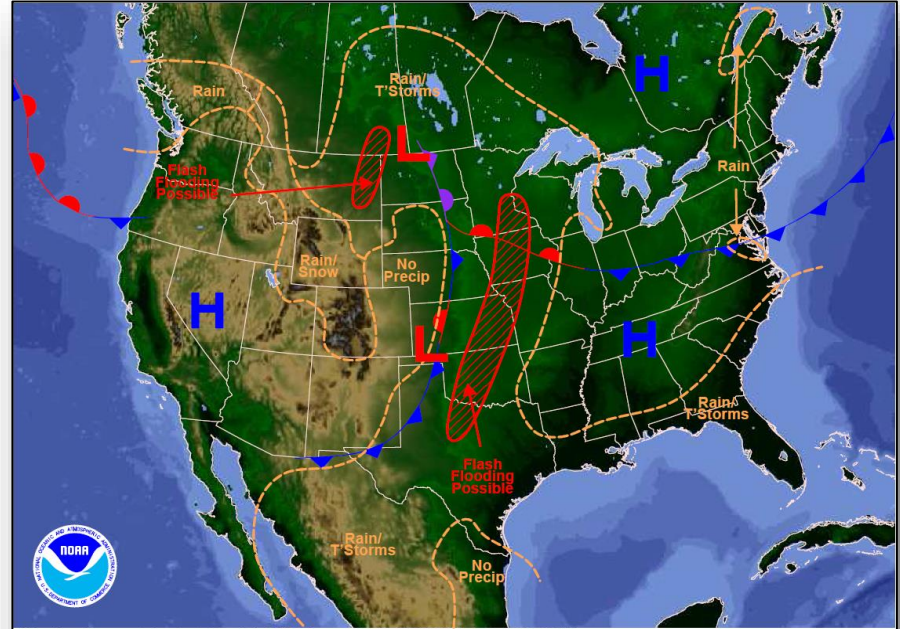
- FEMA NWC, Region V & VII at Watch Steady State
- No request for FEMA assistance, no shortfalls reported at this time

National Weather Forecast



Weather Forecast for Fri, Sep 23, 2016, issued 4:32 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

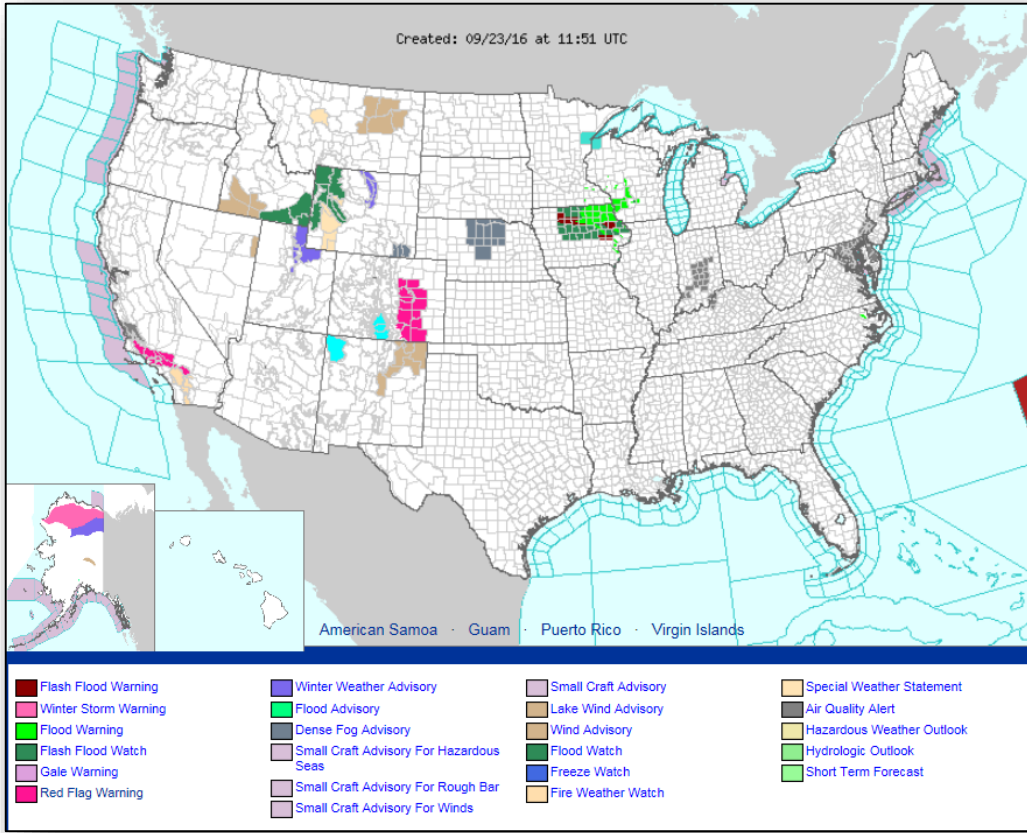
Today



Weather Forecast for Sat, Sep 24, 2016, issued 4:47 AM EDT Fri, Sep 23, 2016
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Tomorrow

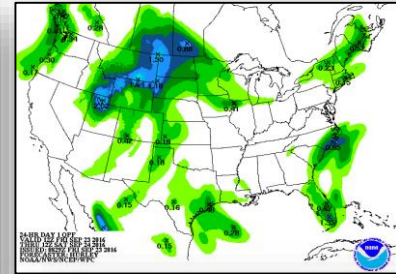
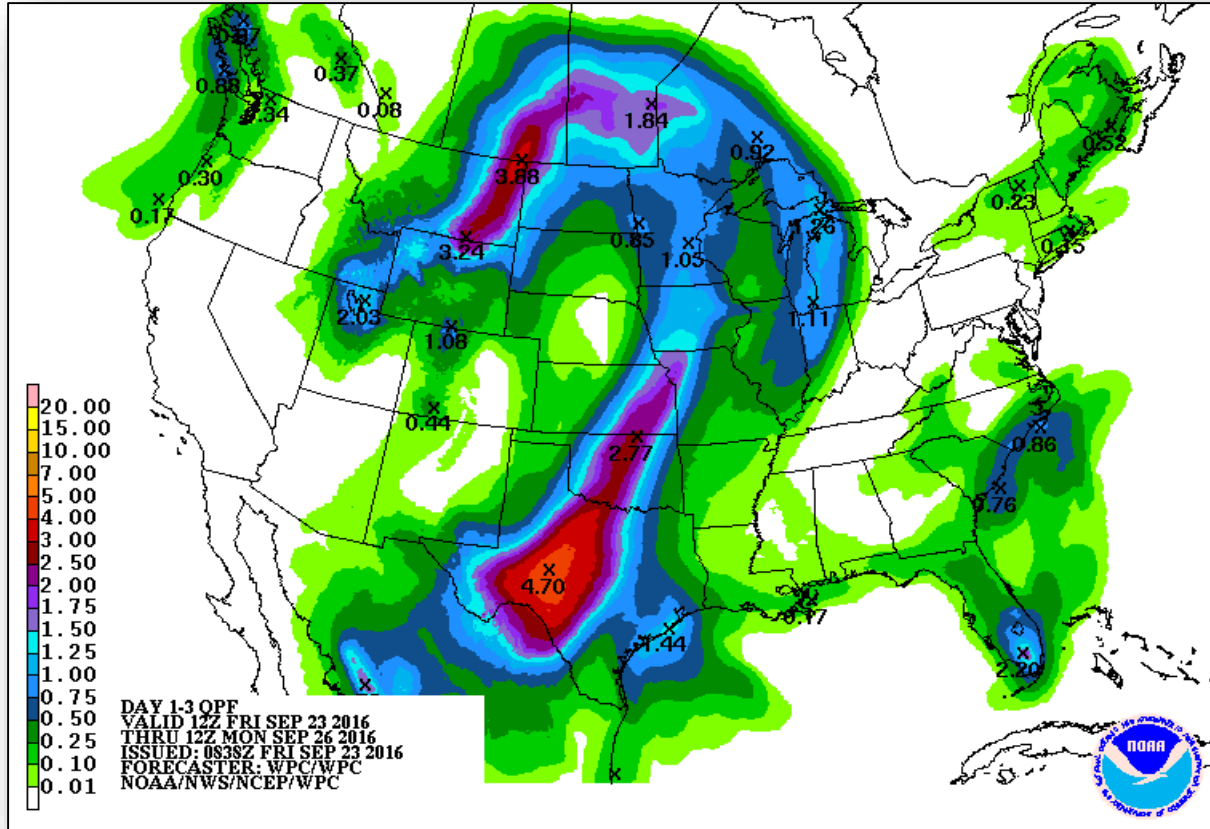
Active Watches and Warnings



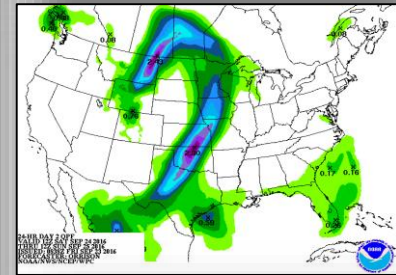
Precipitation Forecast - Days 1-3



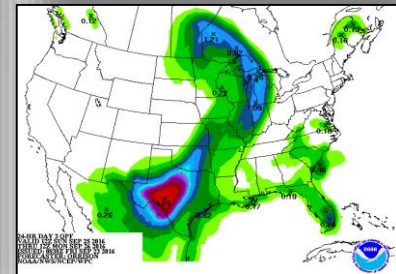
FEMA



Day 1

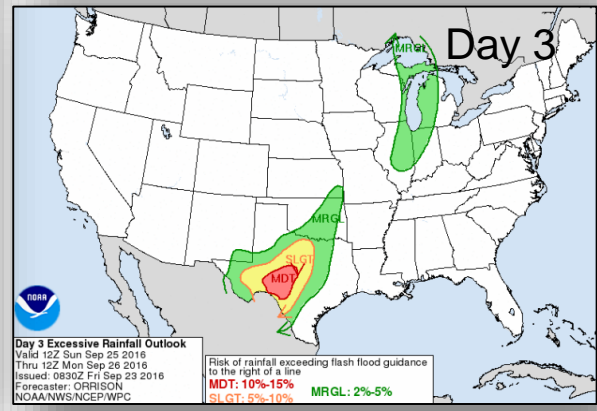
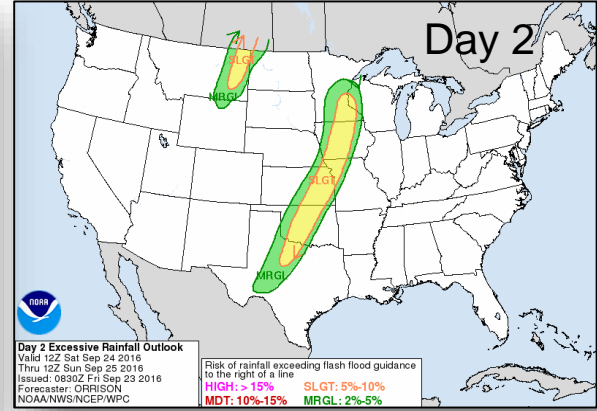
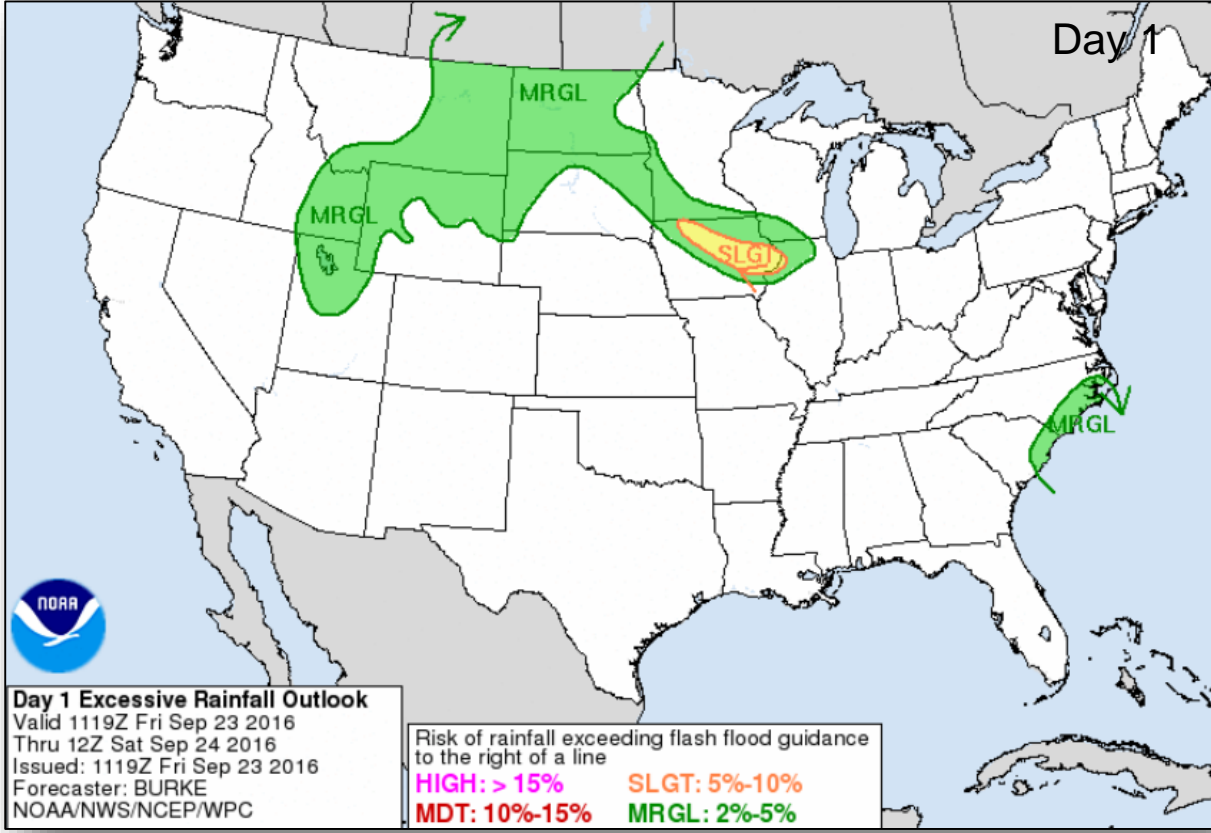


Day 2



Day 3

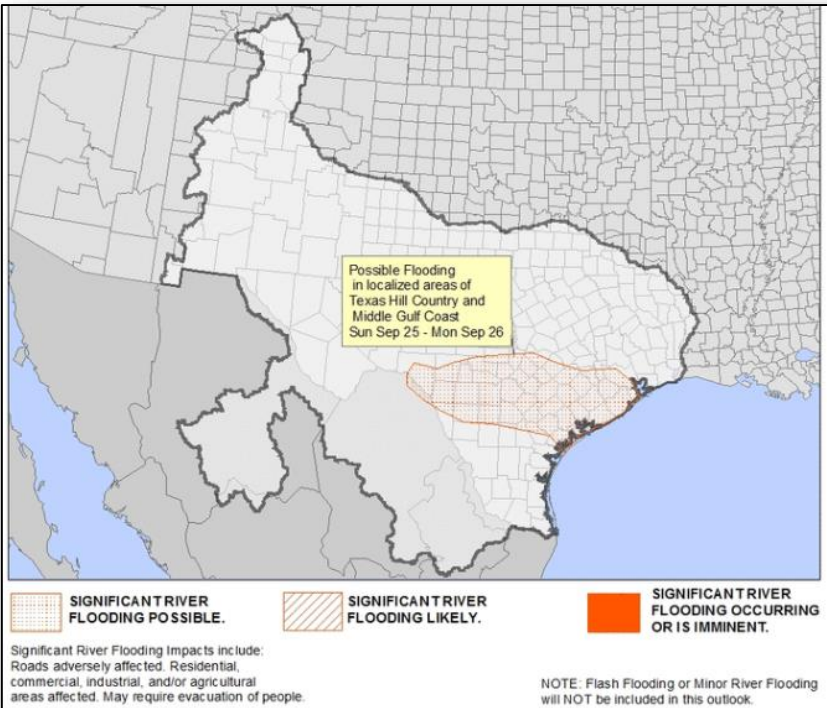
Flash Flood Outlook - Days 1-3



Significant River Flood Outlook



West Gulf River Forecast Center



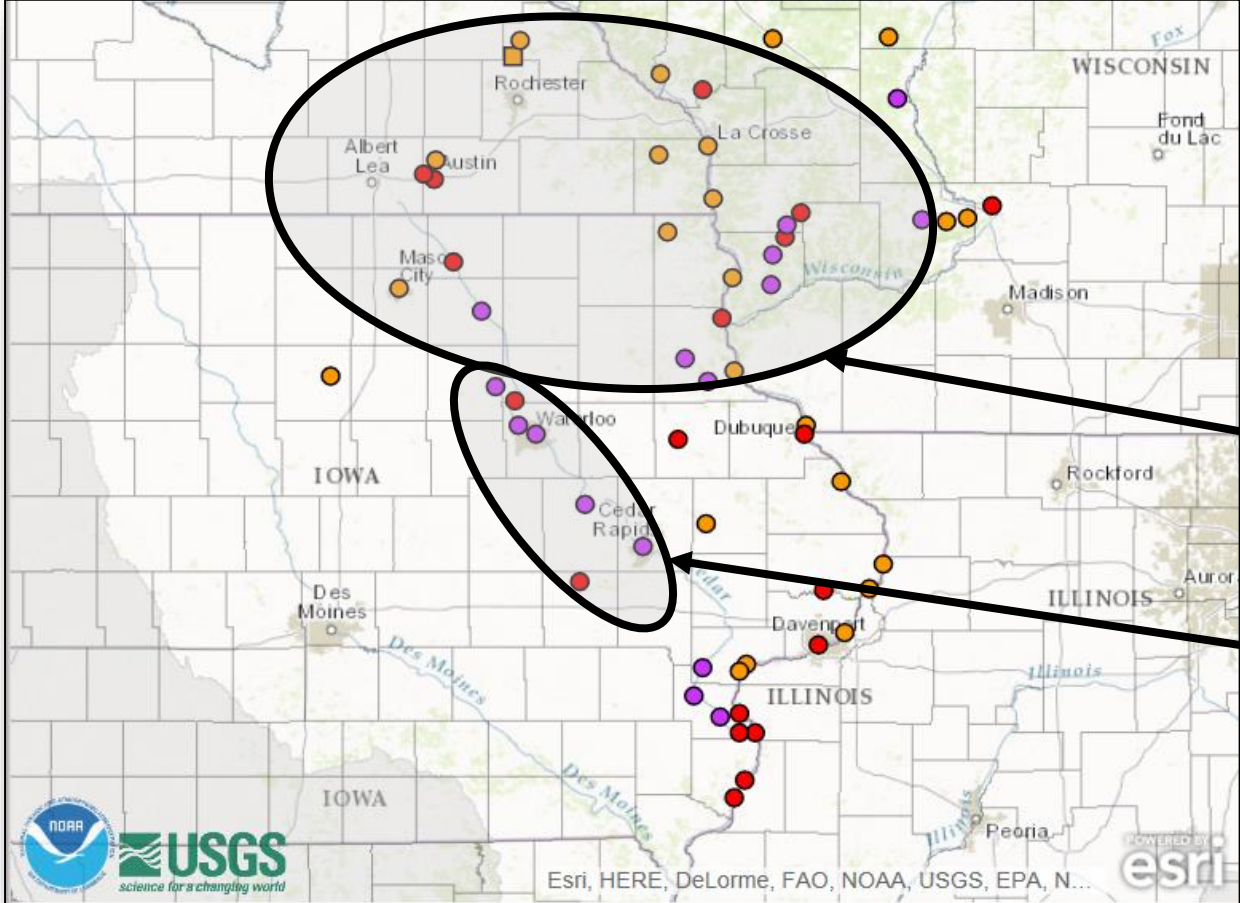
Upper Midwest River Flooding (Last 3-Days)



FEMA



Upper Midwest Flooding



River Flood Forecast

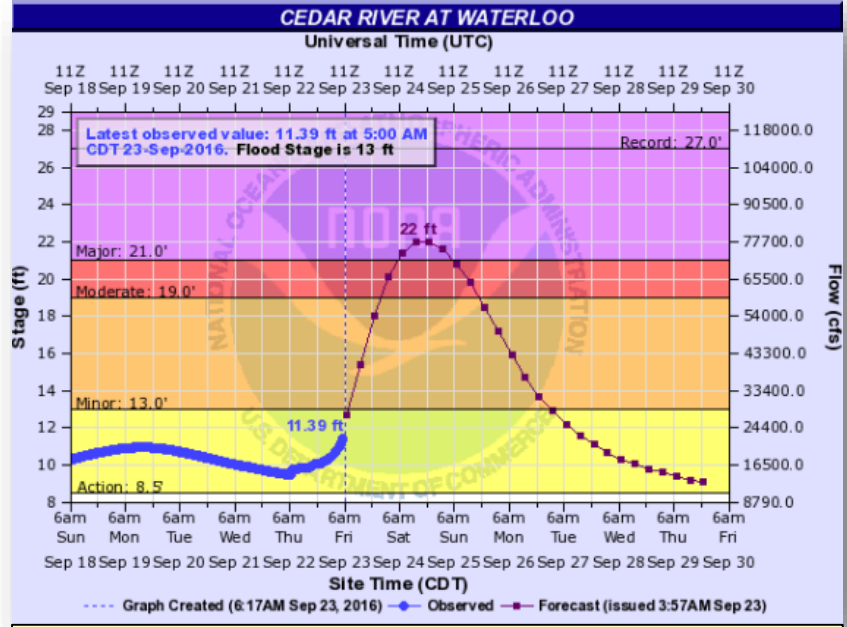
- Near Flood Stage ■
- Minor Flooding ■
- Moderate Flooding ■
- Major Flooding ■

Gauges Past Crest or Will Crest in Next 36 Hours

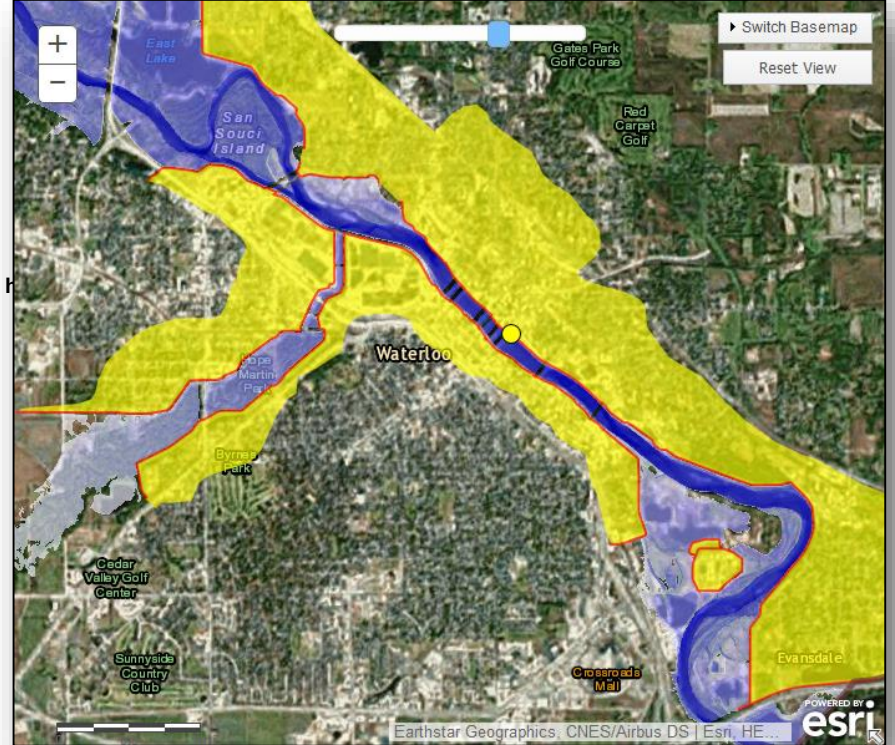
Cedar River Flooding:
Cedar Falls, Waterloo and Cedar Rapids, IA



Cedar River at Waterloo, IA

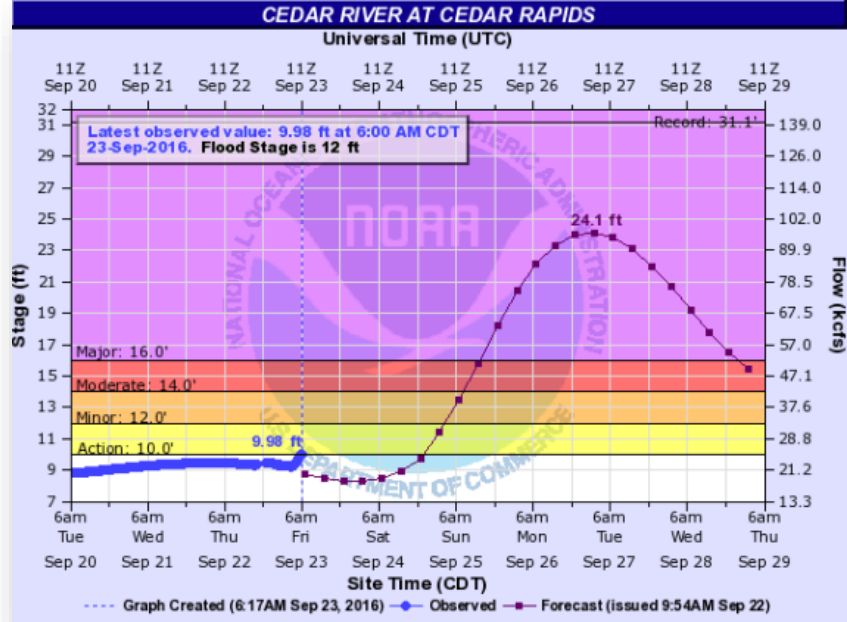


- Forecast Peak Crest 22 ft on Saturday
- Above 20 ft – Access to wastewater treatment plant closed along with numerous local roads

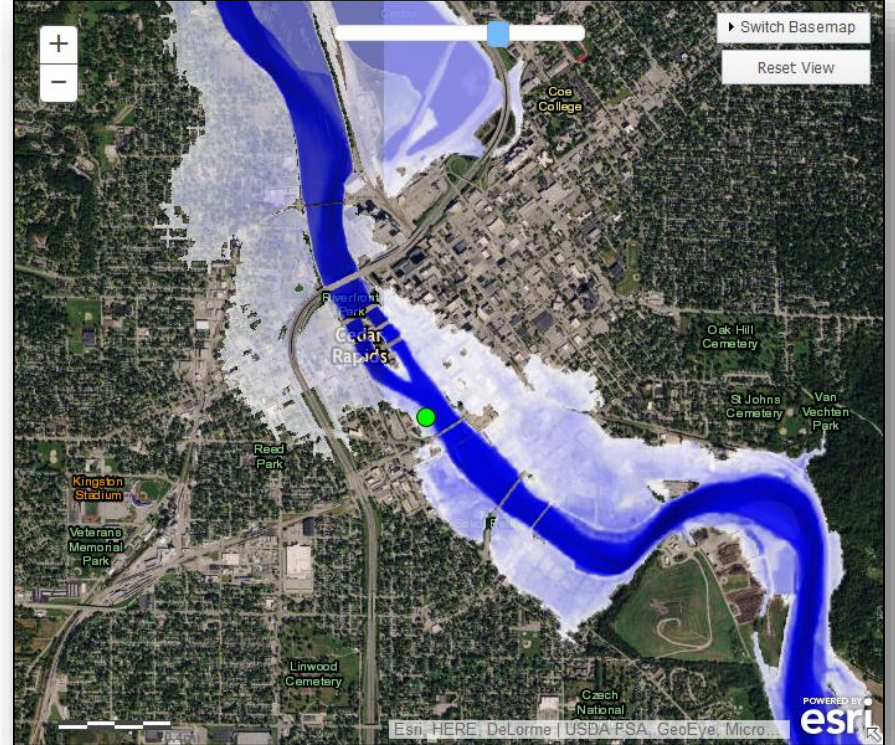


Flood Inundation Graphic for 25.0 feet
Blue indicates areas impacted by flooding
Yellow indicates areas protected by levee system

Cedar River at Cedar Rapids, IA

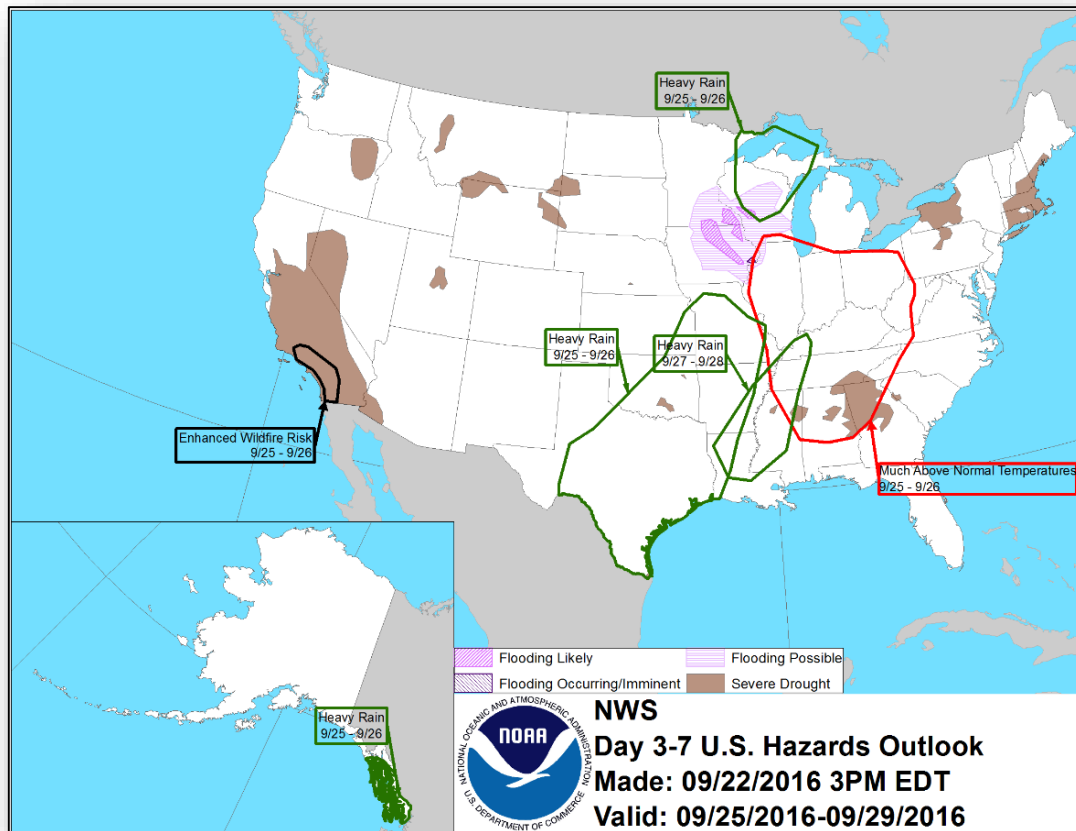


- Forecast Peak Crest: 24.1 ft on Monday or Tuesday
- Estimated population of 9,800 citizens in the flood inundation areas (right, light blue area) based on a 24.0 ft crest. **This is a reasonable worse-case scenario for Cedar Rapids based solely on inundation mapping and forecast crest.**

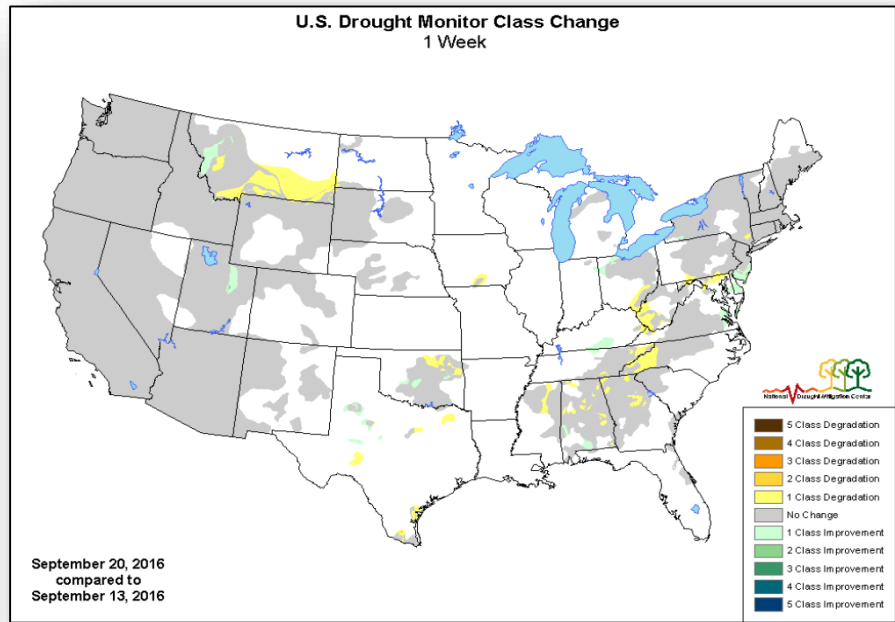
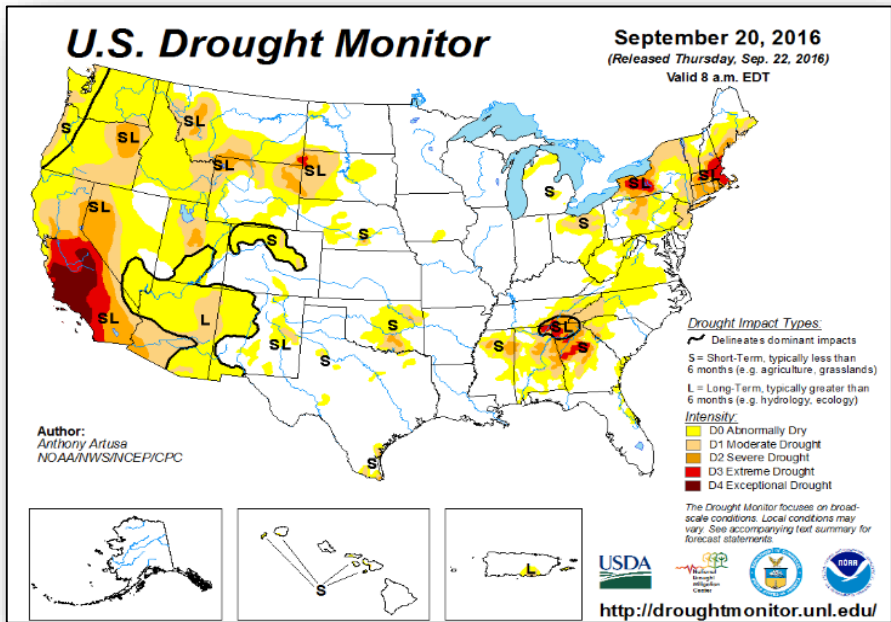


Flood Inundation Graphic for 24.0 feet
 Blue indicates areas impacted by flooding

Hazards Outlook - Sep 25 - 29



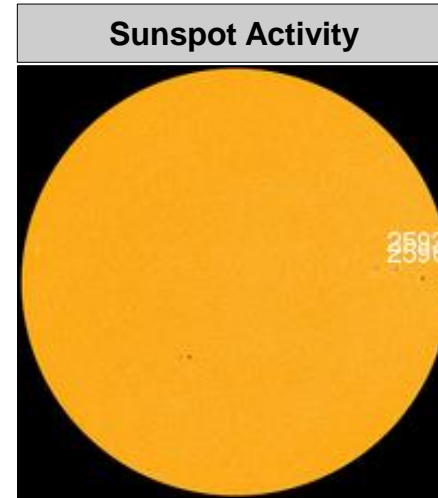
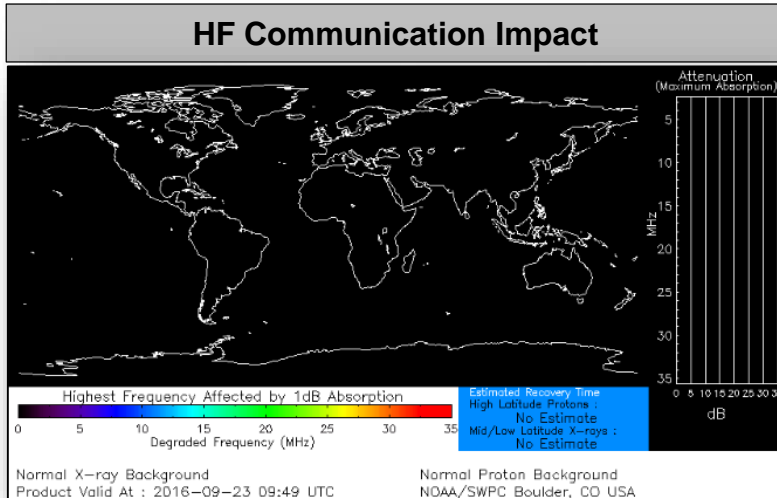
U.S. Drought Monitor



Space Weather



	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



Tropical Outlook - Atlantic

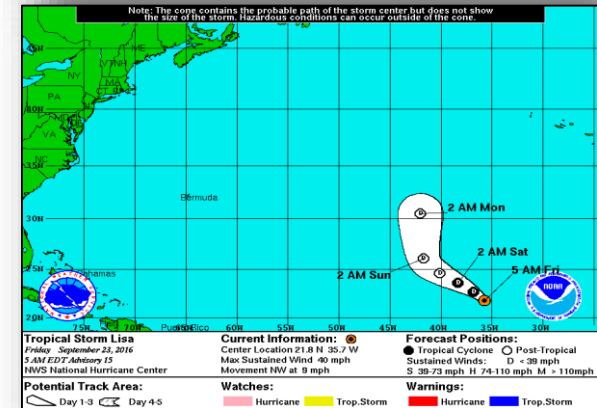
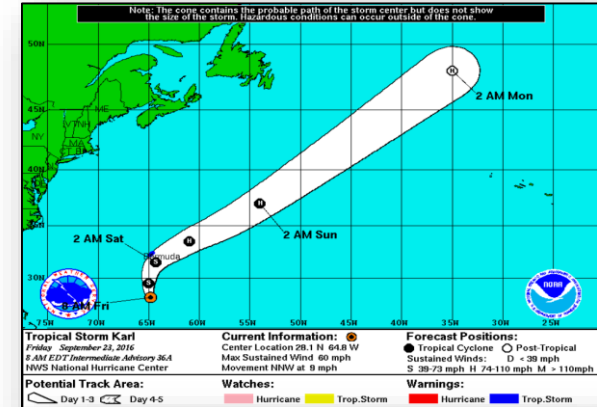


Tropical Storm Karl (Advisory #36A as of 8:00 a.m. EDT)

- Located 290 miles S of Bermuda; moving NNW at 9 mph
- Maximum sustained winds near 60 mph
- Strengthening forecast next 48 hours; close to Hurricane strength
- Tropical storm force winds extend 115 miles
- Not expected to affect U.S territories

Tropical Storm Lisa (Advisory #15 as of 5:00 a.m. EDT)

- Located 1,230 miles SSW of the Azores; moving NW near 9 mph
- Motion expected to continue next couple of days
- Maximum sustained winds 40 mph
- Weakening over next 48 hours; could become a remnant low by the weekend
- Tropical storm force winds extend 150 miles
- No coastal watches or warnings in effect

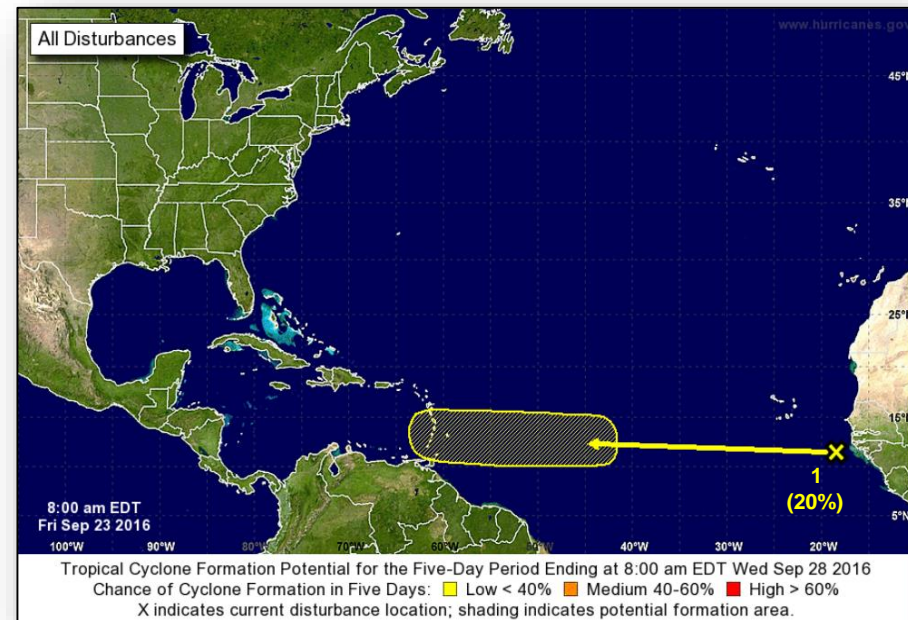


Tropical Outlook - Atlantic



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

- Located 350 miles SE of the Cape Verde Islands
- Moving W at 20-25 mph next several days
- Conditions could be conducive for some gradual development early next week
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Low (20%)

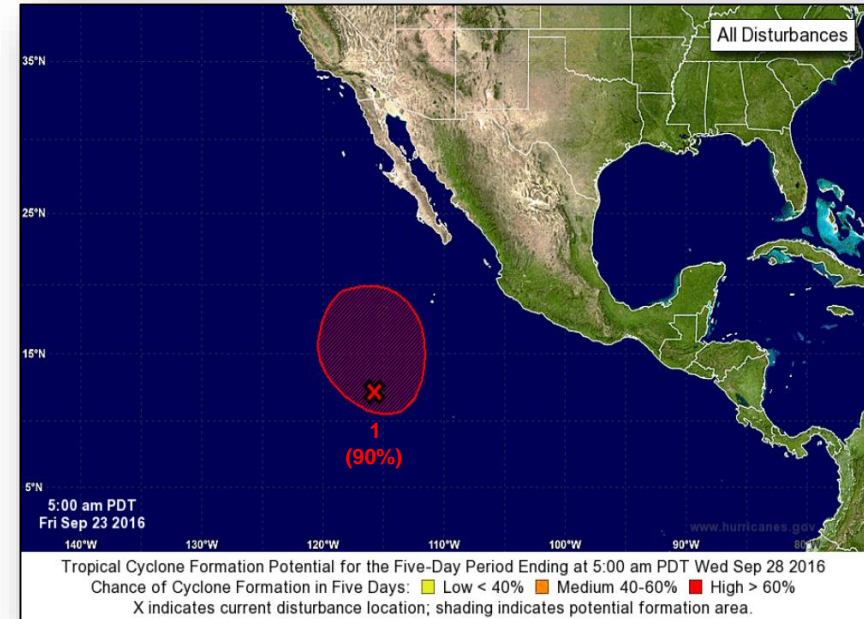


Tropical Outlook - Eastern Pacific



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

- Located 790 miles SSW of the southern tip of Baja California Peninsula
- Forecast to move NW, then N next several days
- Conditions appear favorable for tropical depression to form next couple of days
- Formation chance through 48 hours: High (70%)
- Formation chance through 5 days: High (90%)

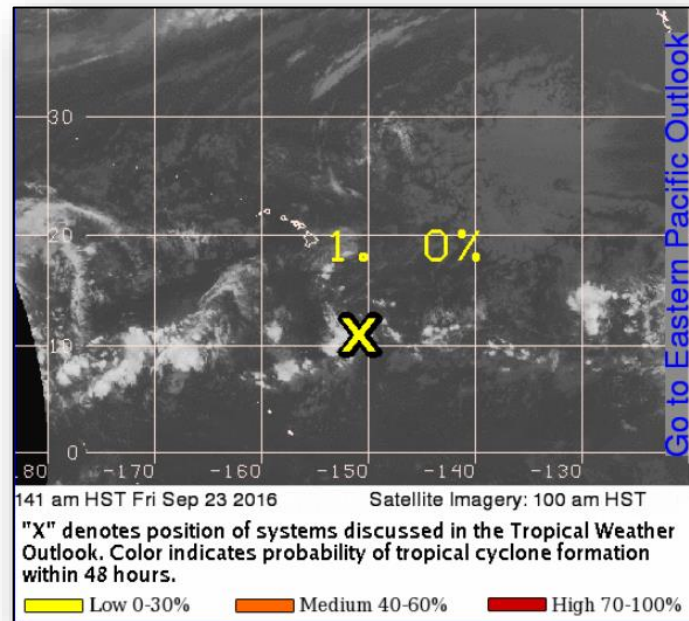


Tropical Outlook - Central Pacific



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

- A weak low pressure located 670 miles SSE of Hilo, Hawaii
- No significant development expected next couple of days
- Formation chance through 48 hours: Low (near 0%)



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	23 (+1)	9/7 – TBD
IX	Hawaii	Flash Flooding and Mudslides Week of September 11, 2016	PA	1	0	9/20-TBD

Disaster Requests & Declarations



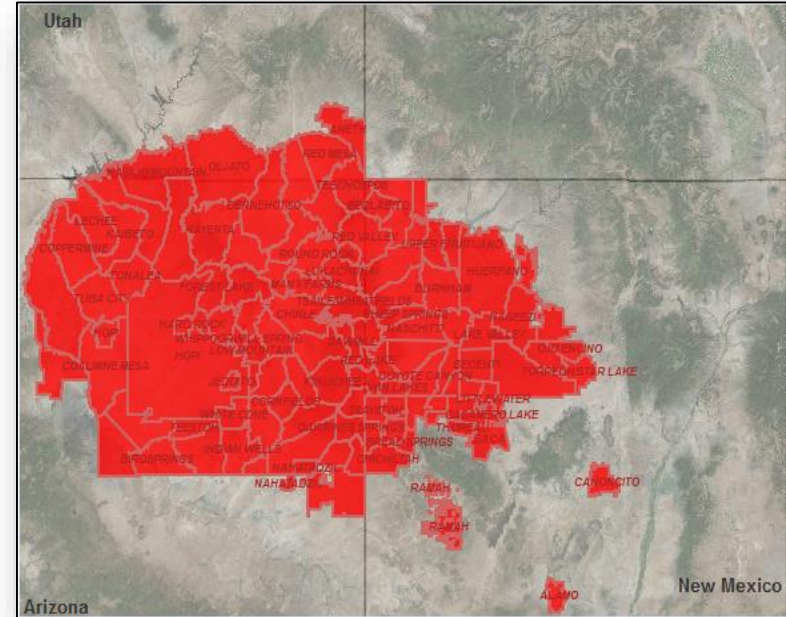
Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
4	Date Requested	0	0
KS – DR (Appeal) Severe Storms, Tornadoes, Straight-line Winds, and Flooding	August 31, 2016		
IA – DR Severe Storms, Straight-line Winds, and Flooding	September 19, 2016		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

Major Disaster Declaration Request – Navajo Nation

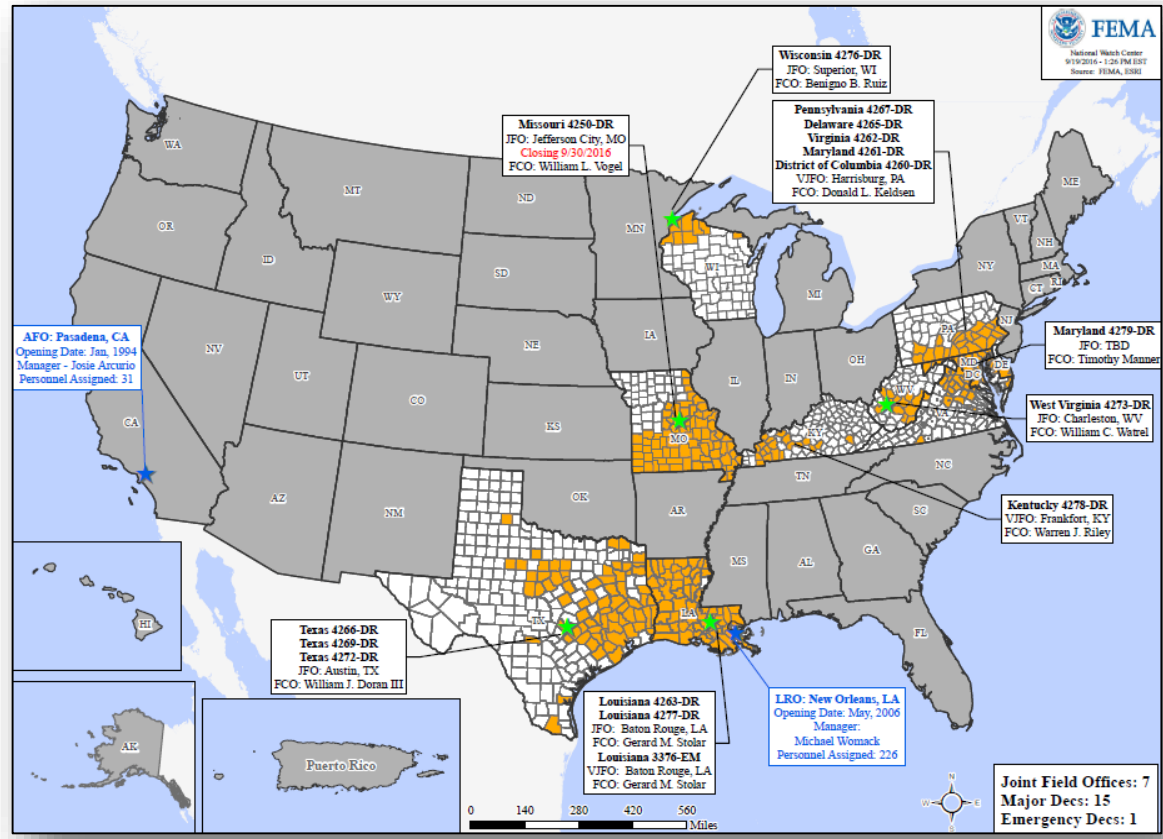


September 21, 2016

- Request for Major Disaster Declaration for Navajo Nation
- For severe storms and flooding during the period of August 5-6, 2016
- Requesting:
 - Individuals and Households Program (IHP)
 - Hazard Mitigation for Navajo Nation



Open Field Offices as of September 23, 2016



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	27	96%	1	0	0	NJ-TF1: Partially Mission Capable	<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 <i>R-IMAT also red if TL Ops / Log Chief is unavailable & has no qualified replacement</i>
MERS	Green	18	17	94%	0	0	1	<u>Assets are supporting:</u> PR (Zika UCG) LA (DR-4277)	<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	100%	0	0	Activated	Enhanced Watch (Day shift only) Sep 18-24 (UNGA)	<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	Activated	Region II at Level III (Day shift only) Sep 18-24 (UNGA)	
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.