



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:

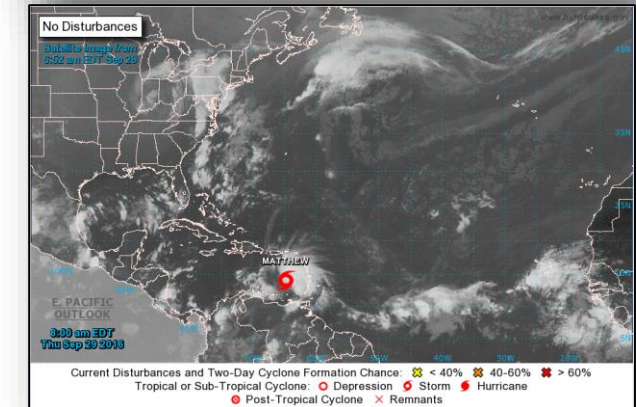
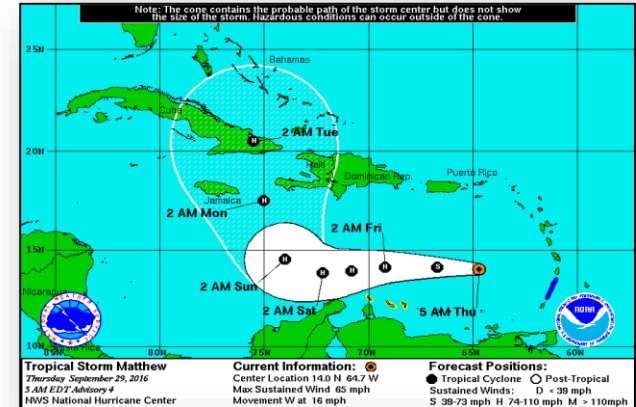
- Major Disaster Declaration Approved – FL
- Major Disaster Declaration Request - HI

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

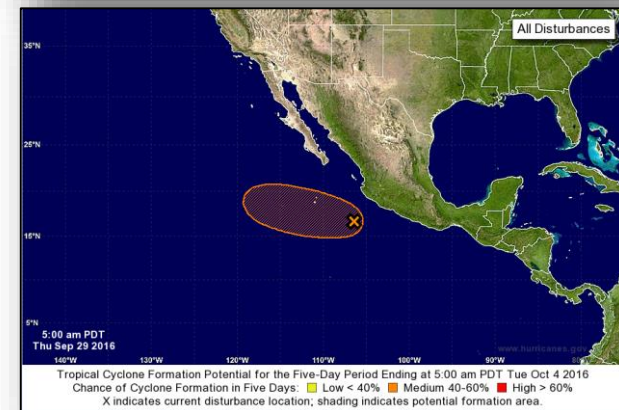
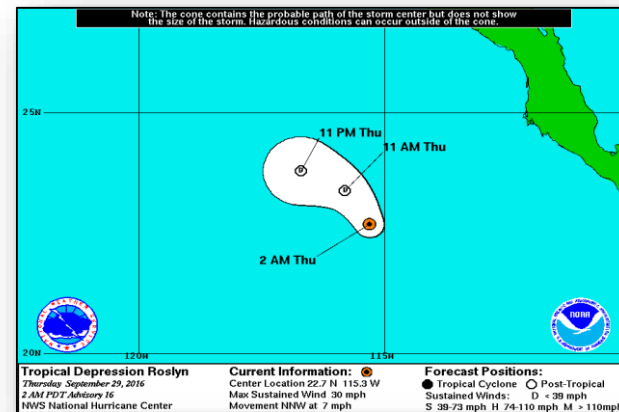


Tropical Depression Roslyn: (Advisory #16 as of 5:00 a.m. EDT)

- 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%)

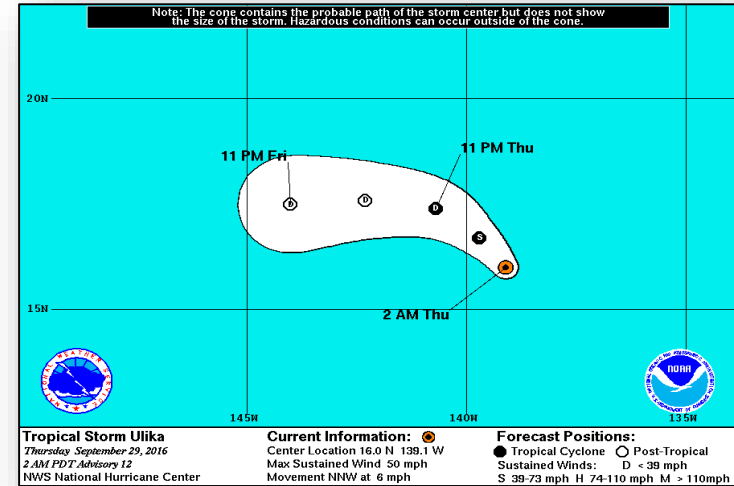


Tropical Outlook - Eastern Pacific



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

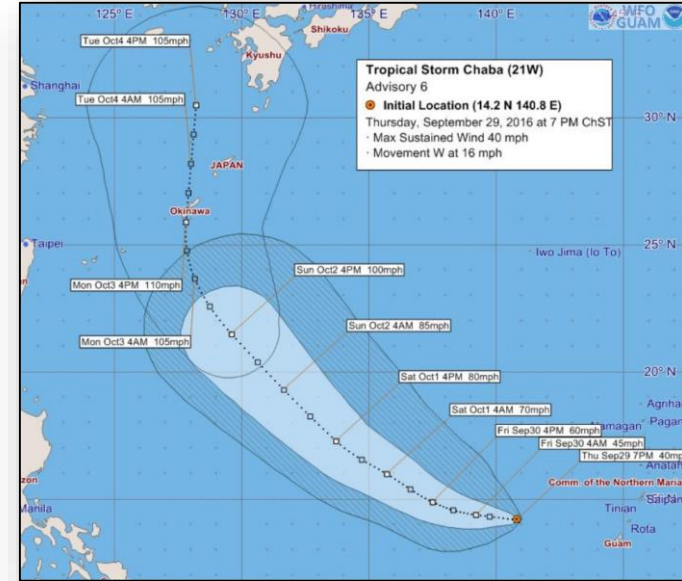


Tropical Outlook – Western Pacific

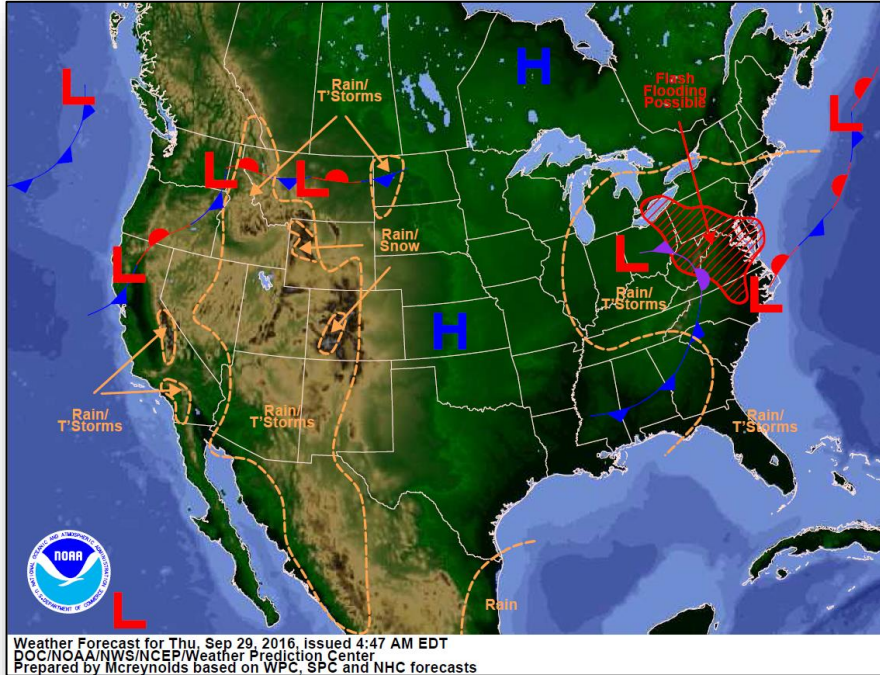


Tropical Storm 21W (Chaba) (Advisory #6 as of 5:00 a.m. EDT)

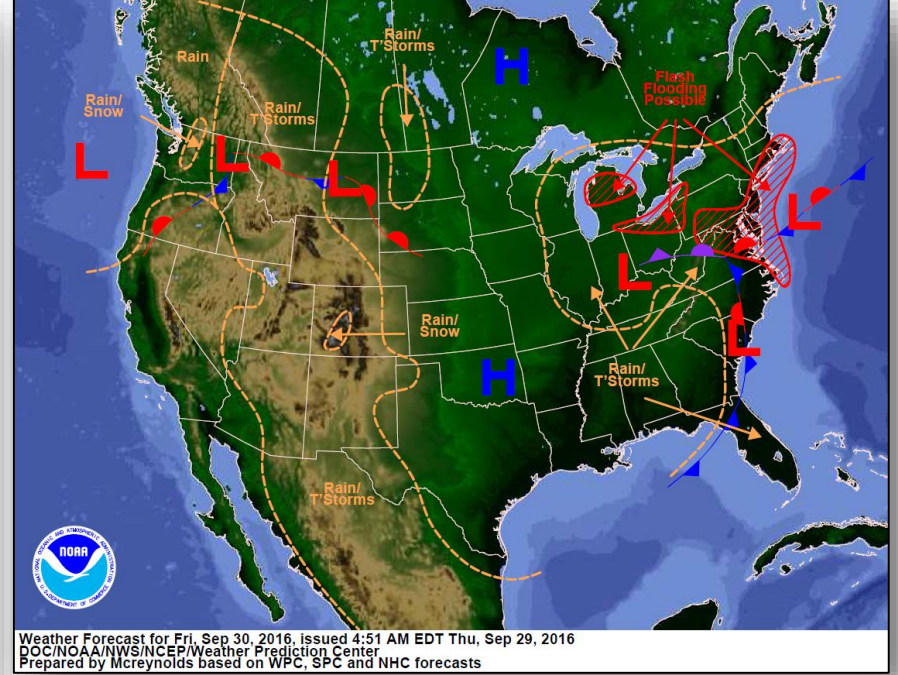
- Located 270 miles WNW of Guam
- Moving W at 16 mph
- Expected to turn gradually NW next couple of days
- Expected to slowly intensify
- May become a typhoon by Saturday
- Maximum sustained winds 40 mph
- No watches or warnings in effect
- No longer a threat to US interests



National Weather Forecast

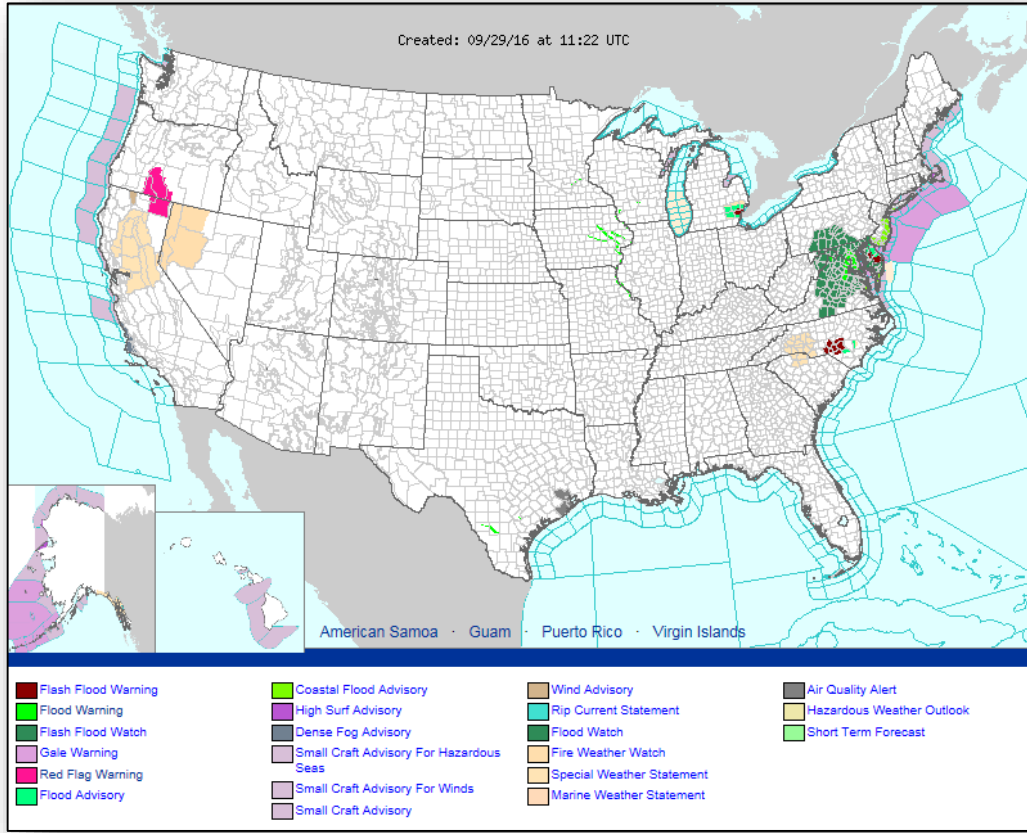


Today

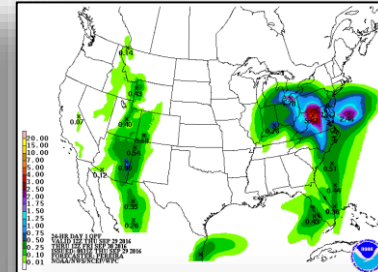
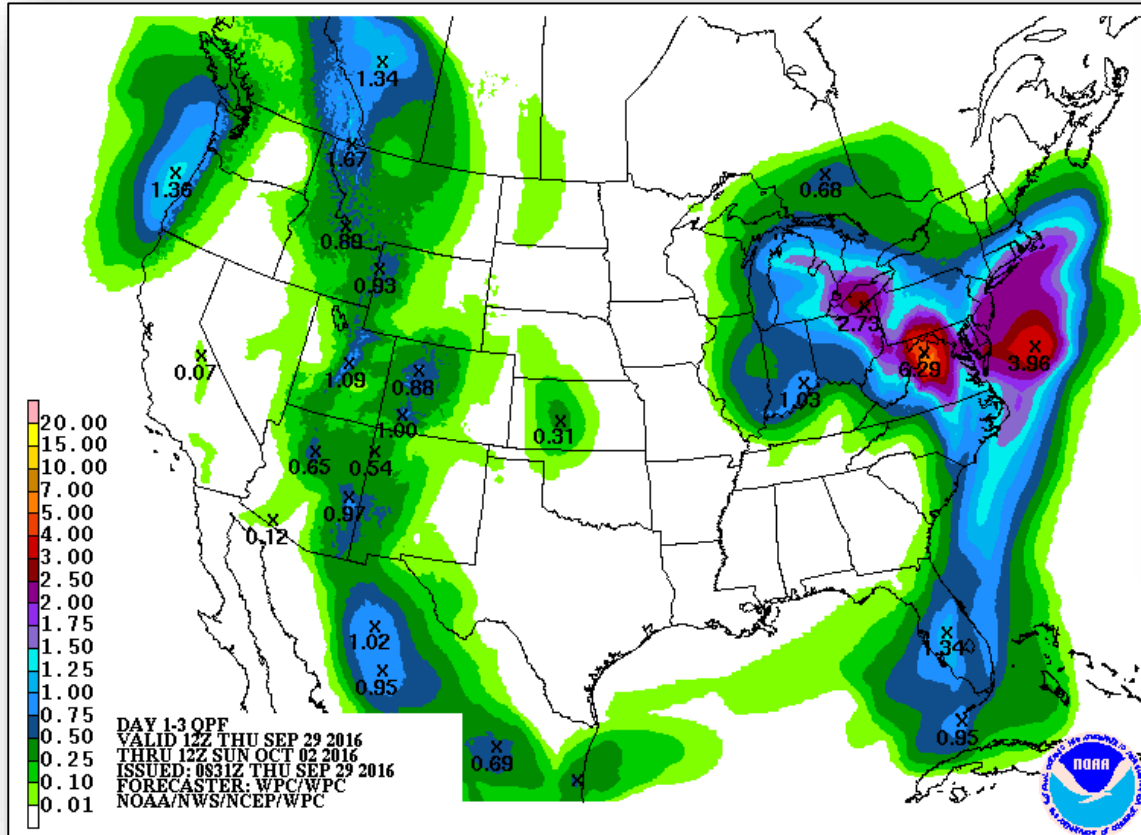


Tomorrow

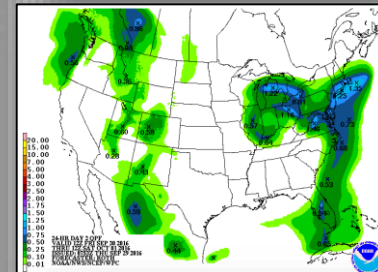
Active Watches and Warnings



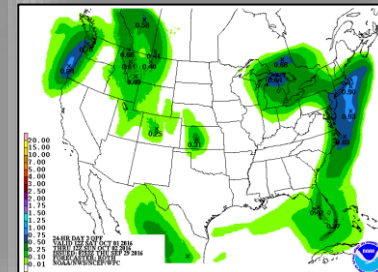
Precipitation Forecast - Days 1-3



Day 1

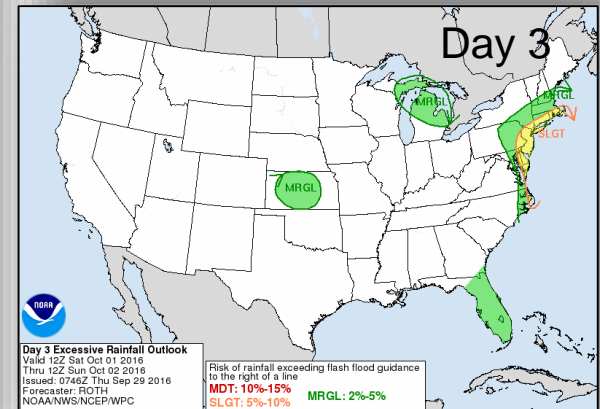
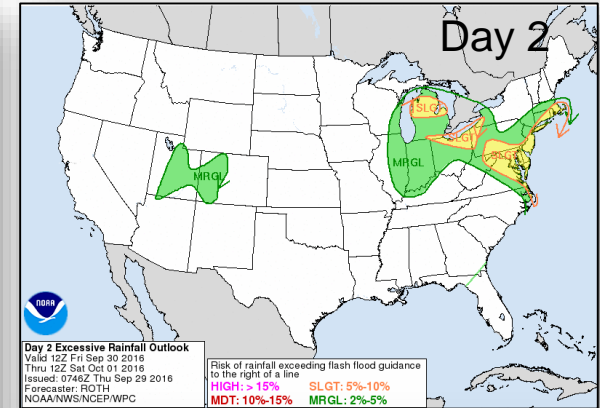
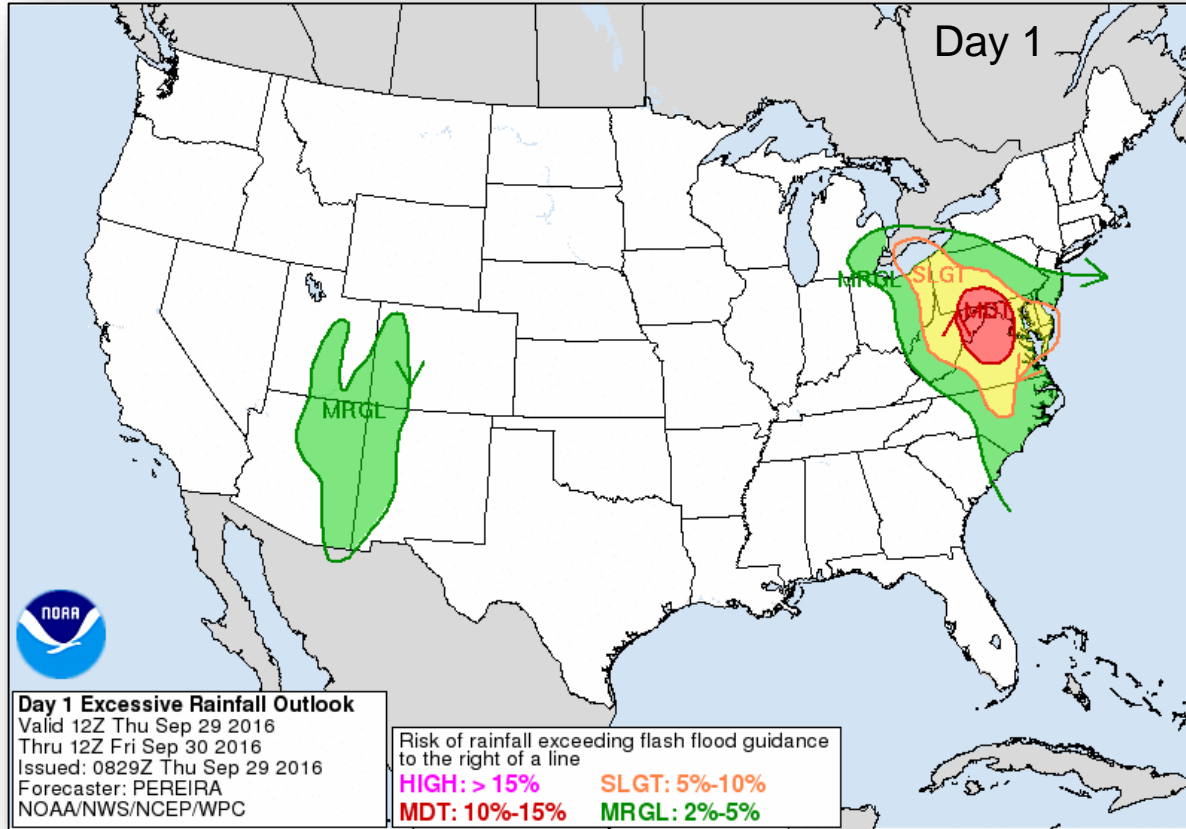


Day 2

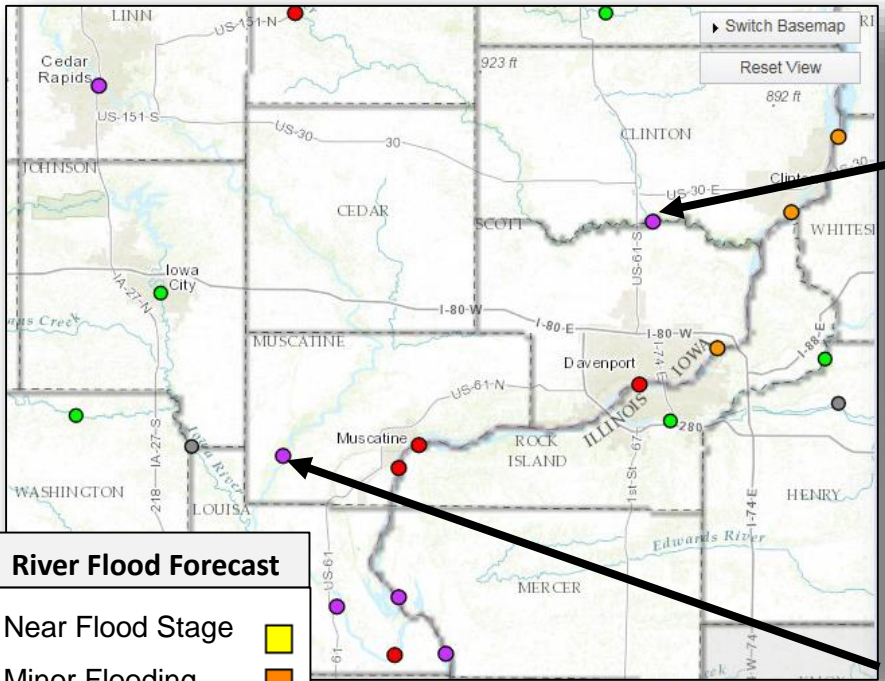


Day 3

Flash Flood Outlook - Days 1-3

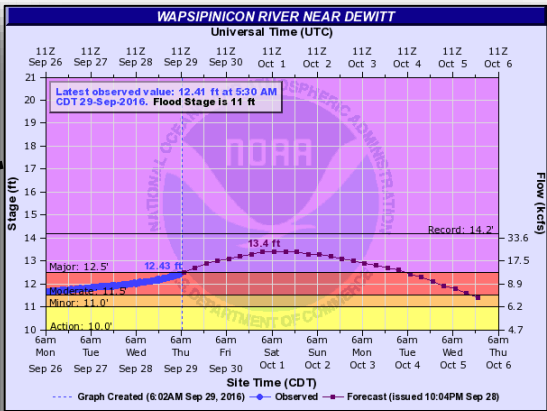


Upper Midwest Flooding



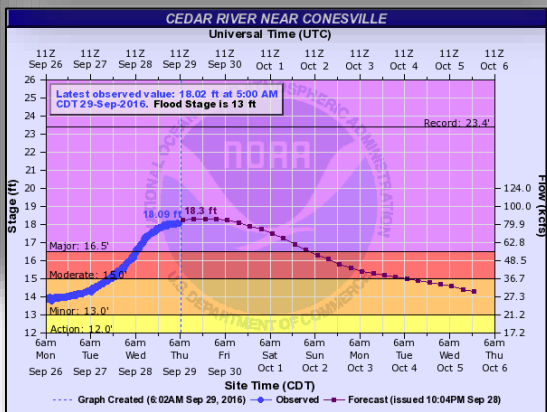
River Flood Forecast

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



Peak Crest: This Weekend

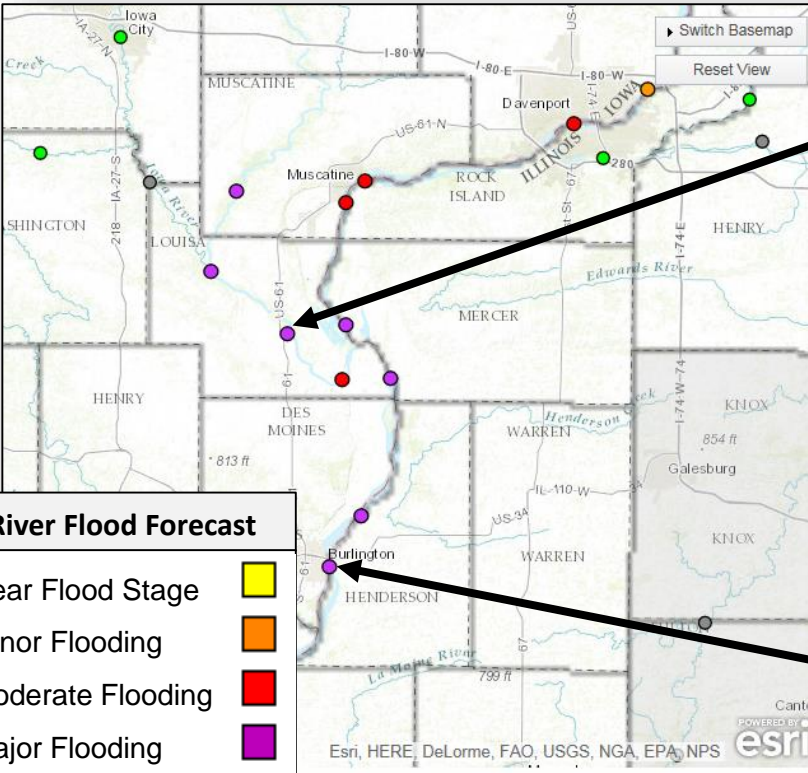
Impacts: Residences and businesses may be affected between Wheatland and Calamus



Peak Crest: Tonight

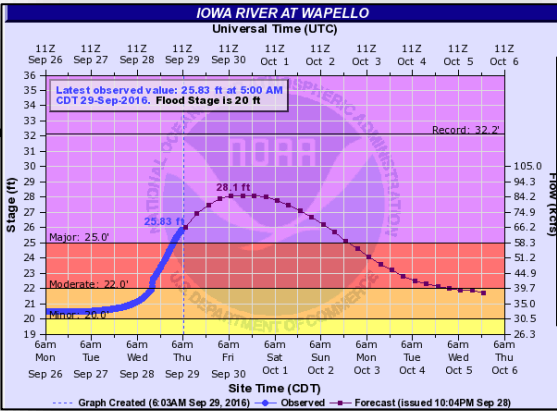
Impacts: Residences may be affected in Rochester and Moscow, IA

Upper Midwest Flooding



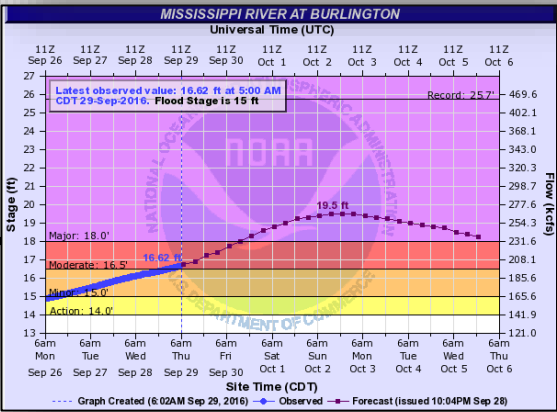
River Flood Forecast

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



Peak Crest: Tomorrow

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



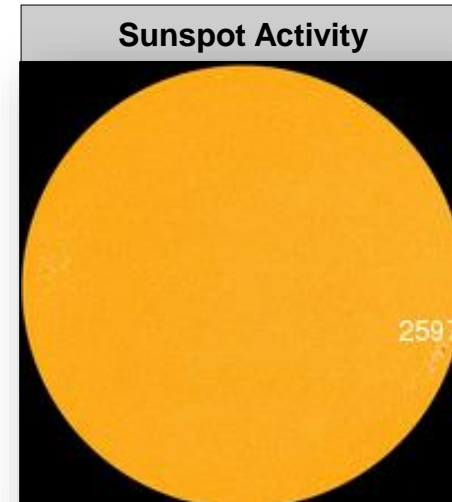
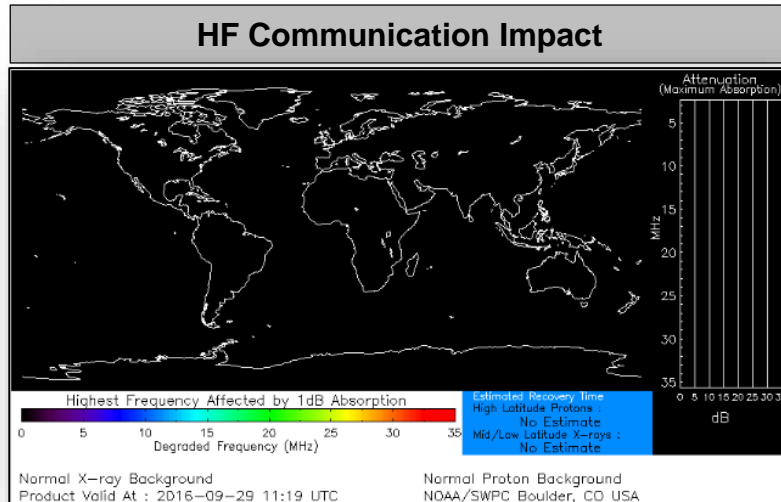
Major Flooding by Friday; Crest Late Weekend

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



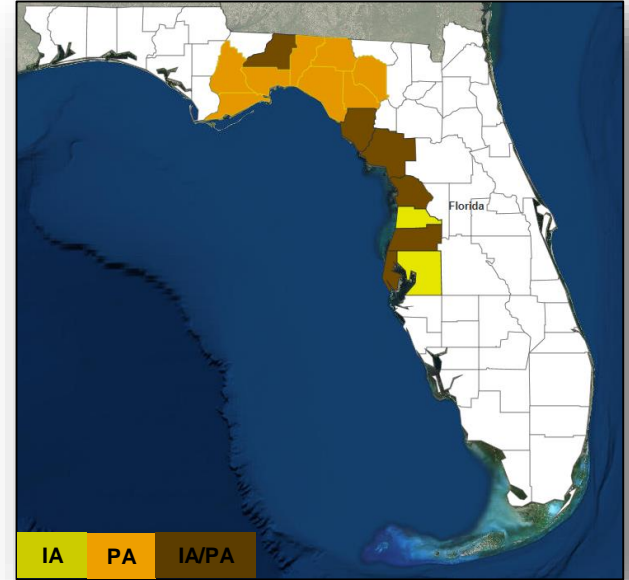
| Region | State / Location | Event | IA/PA | Number of Counties | | Start – End |
|--------|------------------|--|-------|--------------------|----------|-------------|
| | | | | Requested | Complete | |
| IV | Florida | Severe Storms and Flooding (TS Hermine) August 30, 2016 – Ongoing | IA | 12 | 12 | 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

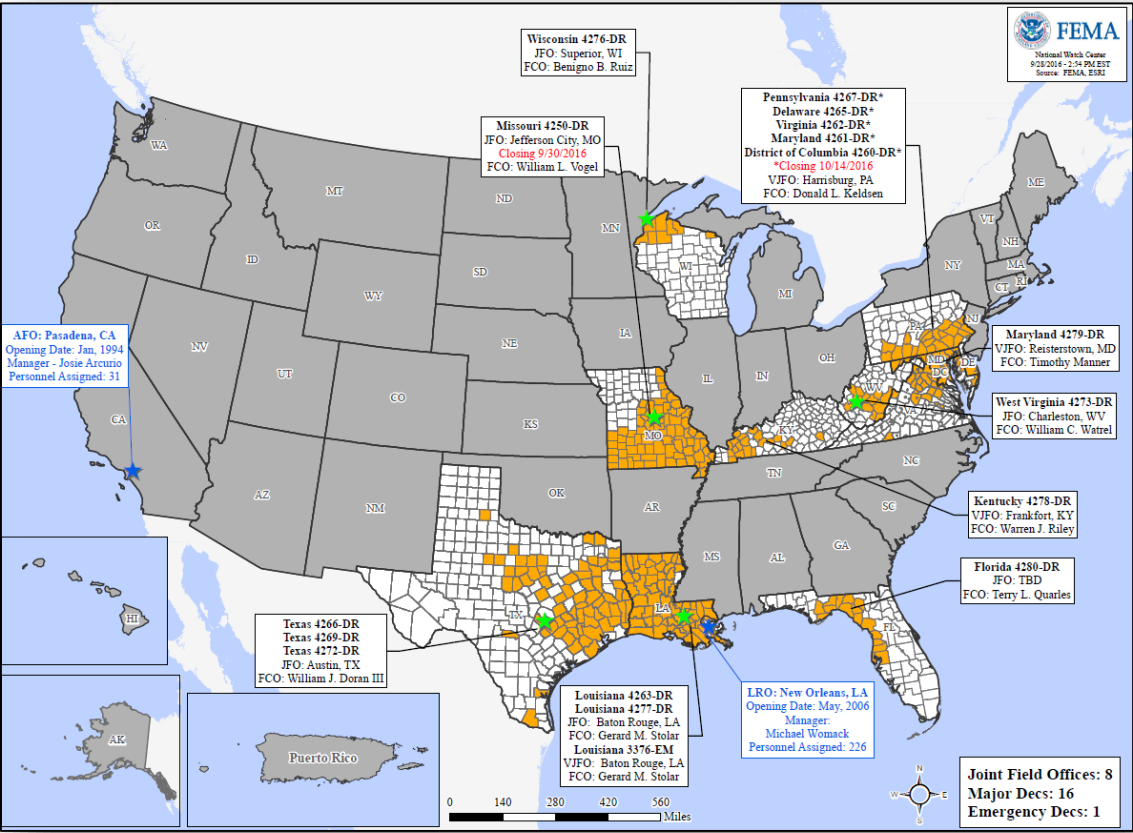


September 27, 2016

- 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.