

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

Tuesday, September 18, 2018

8:30 a.m. EDT

# Significant Activity – Sep 17-18



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**Significant Events:** Remnants of Hurricane Florence

**Tropical Activity:**

- Atlantic – Remnants of Florence; Tropical Depression Joyce
- Eastern Pacific – Disturbance 1: Medium (40%); Disturbance 2: Low (20%)
- Central Pacific – No new tropical cyclone are expected during next 48 hours
- Western Pacific – No activity affecting U.S. interests

**Significant Weather:**

- Heavy Rain / Flash Flooding possible – Middle Mississippi Valley, Mid-Atlantic, & Northeast
- Elevated / Critical Fire Weather – NV, UT, CO, & WY
- Red Flag Warnings – UT & WY

**Declaration Activity:**

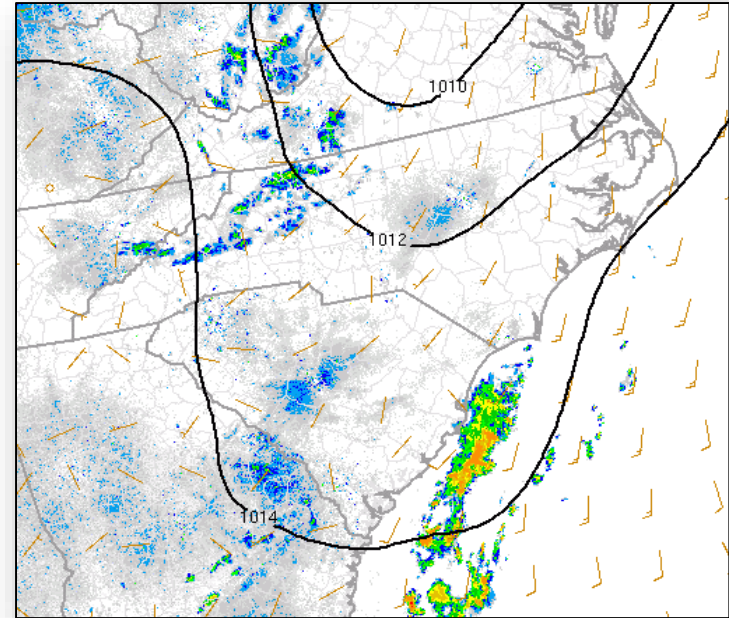
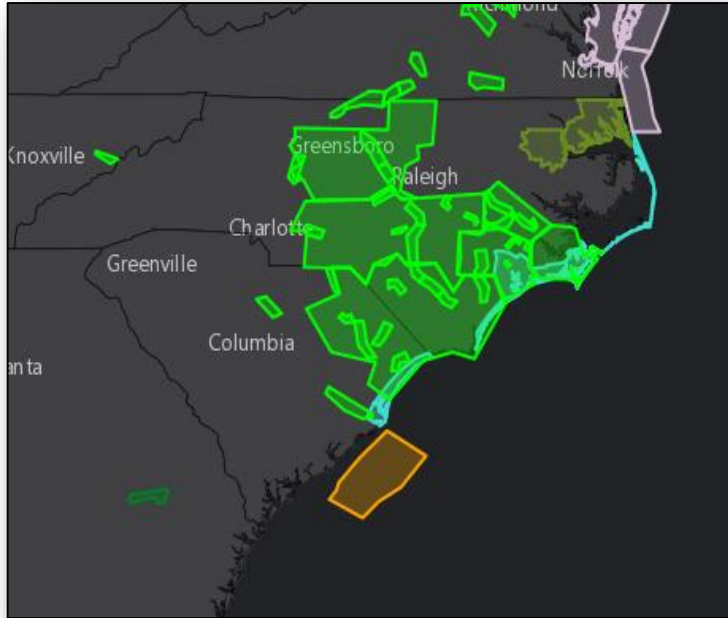
- Amendment No. 1 to FEMA-4393-EM-NC

# Flooded Areas of NC/SC



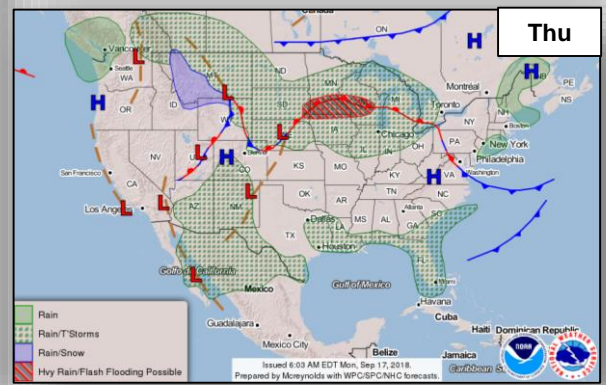
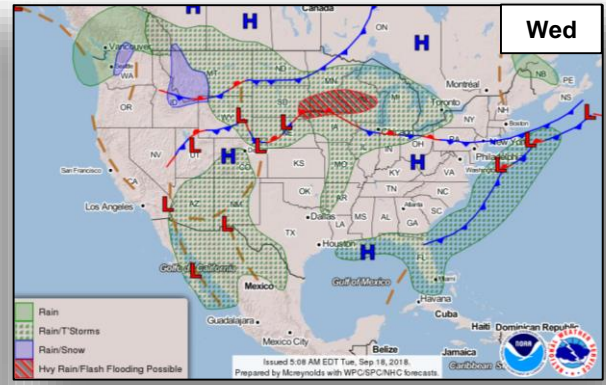
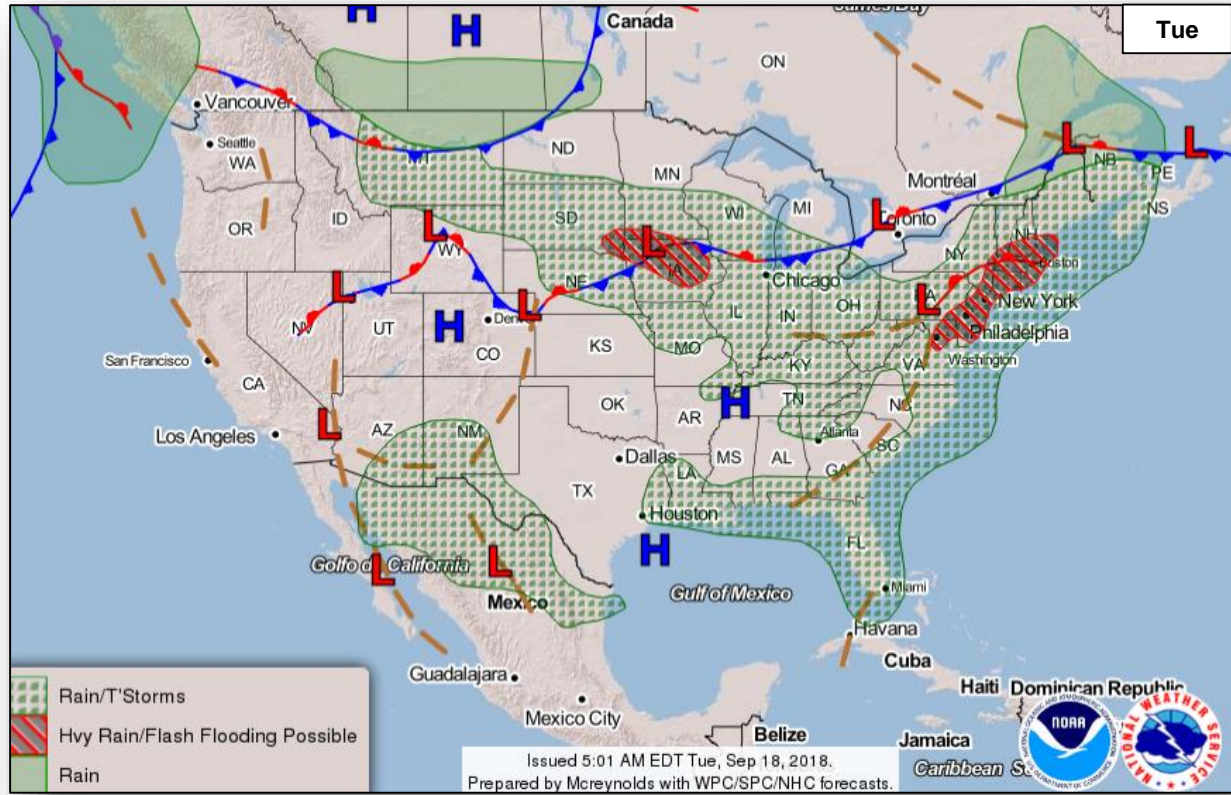
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Tuesday / Wednesday Weather Outlook:



- Hot, humid with heat index near 100
- Isolated thunderstorms
- Continued hot, humid Wednesday; no thunderstorms

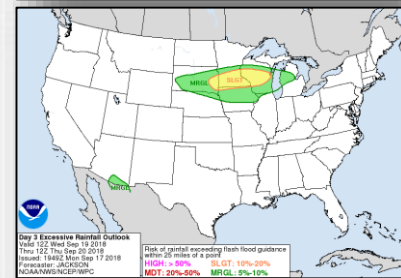
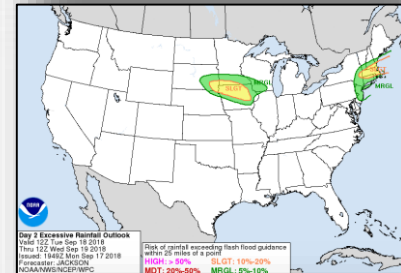
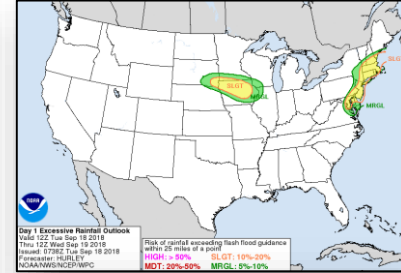
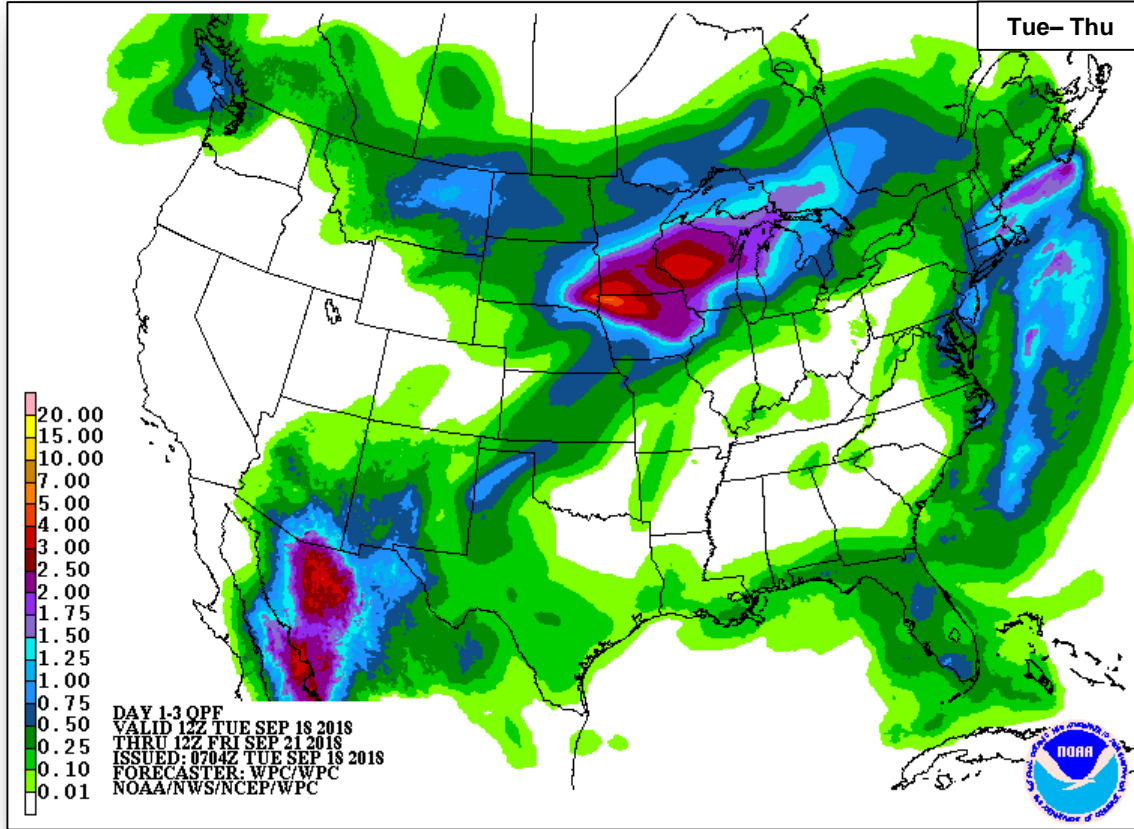
# National Weather Forecast



# Precipitation / Excessive Rainfall Forecast



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# Tropical Cyclone Florence – Lifelines



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## Safety & Security

- NC: 700+ people evacuated to area shelters due to 2 overtopped dams in Scotland County
- SC: Confirmed dam breaches: Spring Lake in Darlington County, Chatham Lake in Chesterfield County, & Lake Darpo in Darlington County; assessments ongoing / coordinated reconnaissance for high-hazard dams
- Levee Breaches: NC: 5; SC: 3

## Food, Water and Shelter

- Shelters: Validation of numbers expected this morning.
- NC: 23 (-80) Public Water Systems with Restrictions affecting 324,285 (-215,370) persons

## Health and Medical

- NC: 25 (+9) confirmed fatalities
- SC: 5 confirmed fatalities
- NC: 39 hospitals in the affected area; 1 (-1) closed, 5 operating on generator power, 2 (+1) sheltering in place, 4 operating emergency departments only, 31 (-2) open

## Energy:

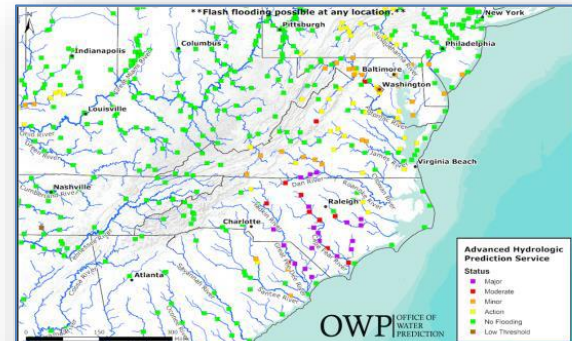
- NC: Duke Energy reports over 1.2 million affected customers have power restored; up 200,000 since last report
- Restorations largely completed; CO-OPs releasing MA crews
- Fluctuations typical for large-scale restoration efforts & may affect customers/responders

## Transportation

- NC: Potentially Isolated Communities: Wilmington, Fort Bragg, and Fayetteville; Additional communities of concern: Jones County and Pender County

## Hazardous Waste

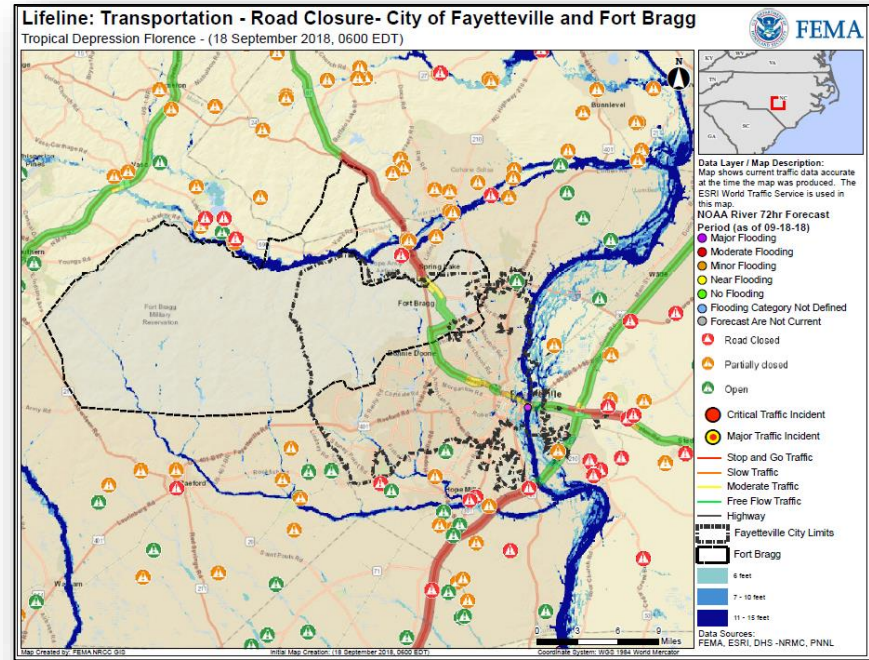
- NC: DEQ identified 1,338 of 1,995 (67%) of North Carolina Community Water Systems as fully operational
- SC: 583 community water systems, 163 public water systems, & 391 wastewater facilities in coastal SC; assessments to be conducted as situation permits
- Communications: Majority of Cell Service operational additional in 2-3 days to bring up additional towers/service



# Potentially Isolated Communities



- US&R System in coordination w/Local & Federal partners; completed 789 evacuations, 176 rescues, 145 assistances, 1,602 shelter in place checks, and 248 animal evacuations to date
- USCG S&R teams completed 425 rescues and 234 animal rescues
- NC: 700+ people evacuated to area shelters due to 2 overtopped dams in Scotland County
- SC: Confirmed dam breaches: Spring Lake in Darlington County, Chatham Lake in Chesterfield County, & Lake Darpo in Darlington County; assessments ongoing / coordinated reconnaissance for high-hazard dams





# Tropical Cyclone Florence – Response



## FEMA HQ

- NRCC at Level I, 24/7 with all LNOs and ESFs
- National IMAT East-1 deployed to NC EOC
- Composite IMAT deployed to SC EOC
- Interagency VTCs daily at 12:30 p.m. EDT
- MERS assets deployed
- US&R: Red IST deployed to Raleigh, NC
- [Region VIII IMAT deployed to NC EOC](#)
- Region V IMAT deployed to FEMA HQ (DC)
- [Region I IMAT demobilizing from VA today](#)

## Region IV

- RRCC at Level I, 24/7
- LNOs deployed to NC & SC
- DCO/DCE deployed to NC & SC
- IMAT 1 deployed to NC; IMAT 2 deployed to SC

## North Carolina (FEMA-4393-DR-NC & 3401-EM-NC):

- EOC at Full Activation; State of Emergency declared
- US&R: Red IST, 5 – Type 1; 4 – Type 3; 16 – MRP Water Teams

## South Carolina (FEMA-4394-DR-SC & FEMA-3400-EM-SC):

- EOC at Full Activation; State of Emergency declared
- US&R: 2 – Type 1; 1 MRP Water Team; 1 HEPP

Tennessee: EOC at Monitoring (EMAC support)

Kentucky: EOC at Monitoring (EMAC support)

## Region III

- [RRCC returned to Normal Operations](#); RWC at Enhanced Watch ([day shift](#))
- 2 IMATs (Type III) deployed to VA
- [Virginia](#) (FEMA-3403-EM-VA): EOC at Full Activation; State of Emergency declared
- US&R: 2-Type 3; 3 MRP Water Teams
- [Delaware](#): EOC at Monitoring
- [Pennsylvania](#): EOC Activated

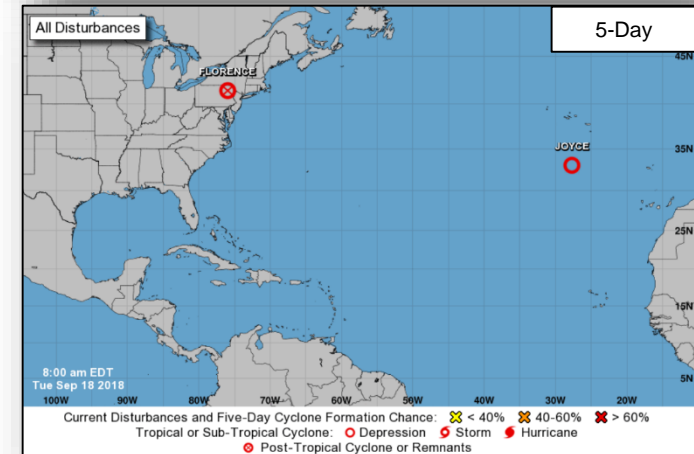
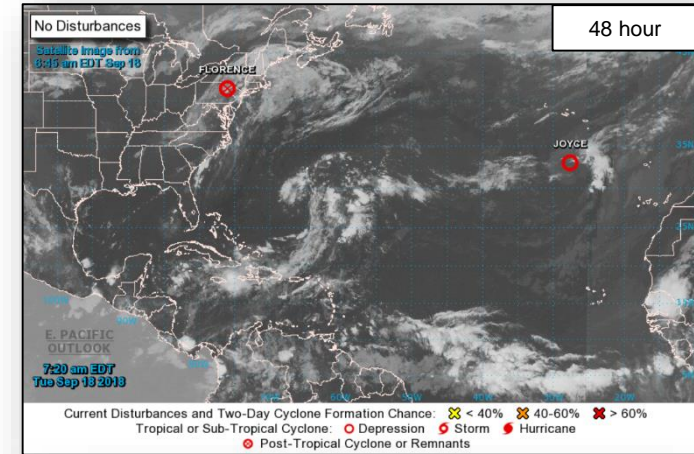
# Tropical Outlook – Atlantic



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## Tropical Depression Joyce (Advisory #23 as of 8:00 a.m. EDT)

- 355 miles S of the Azores
- Moving SSE at 6 mph; max sustained winds 35 mph
- Expected to become remnant low later today or tonight
- No coastal watches or warnings in effect



# Tropical Outlook – Eastern Pacific

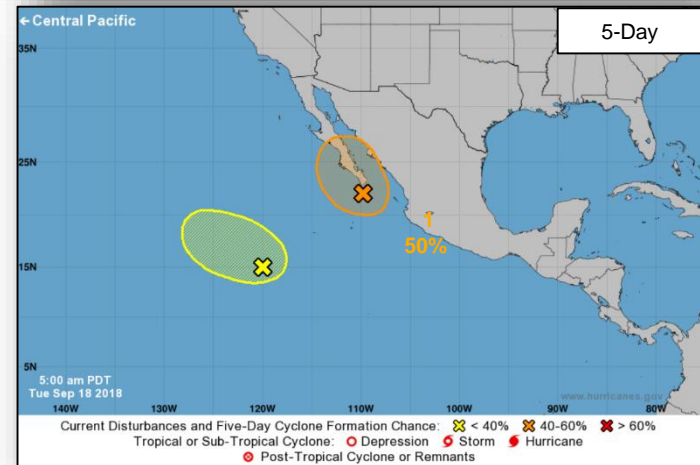
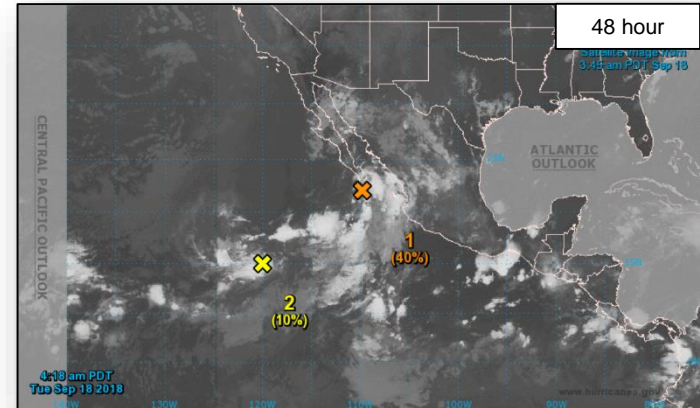


## Disturbance 1 (as of 5:00 a.m. EDT)

- Located a few hundred miles SE of the southern tip of Baja California Peninsula, Mexico
- Although conditions appear conducive for tropical cyclone formation, the large size of the system suggests that any development should be slow to occur
- Likely to become a tropical depression by Wednesday
- Formation chance through 48 hours: Medium (40%)
- Formation chance through 5 days: Medium (40%)

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

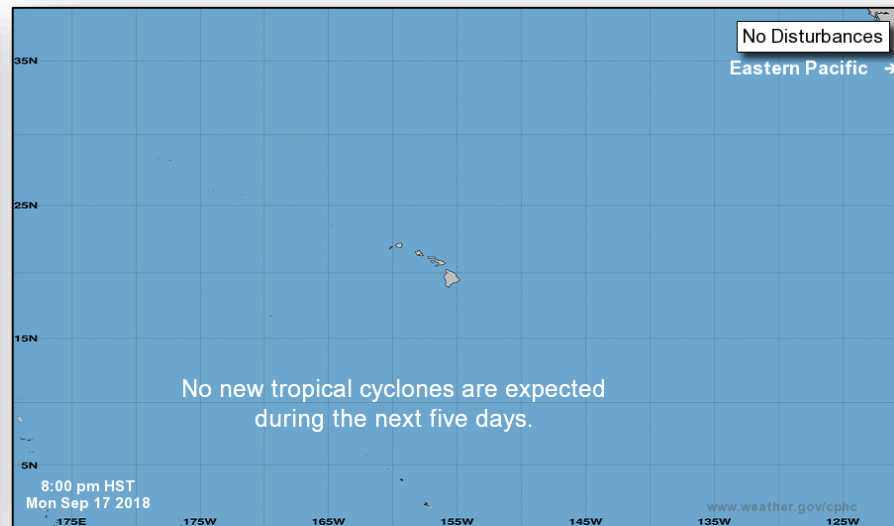
- 800 hundred miles SW of the southern tip of Baja California Peninsula, Mexico
- Environmental conditions are expected to be marginally conducive for some gradual development of this system over the next several days
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (20%)



# Tropical Outlook – Central Pacific



**48 Hour Outlook**

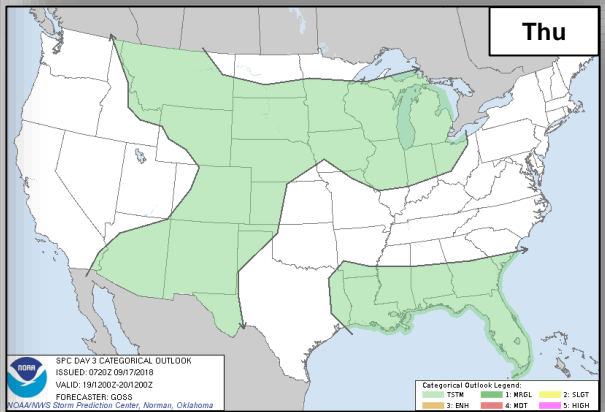
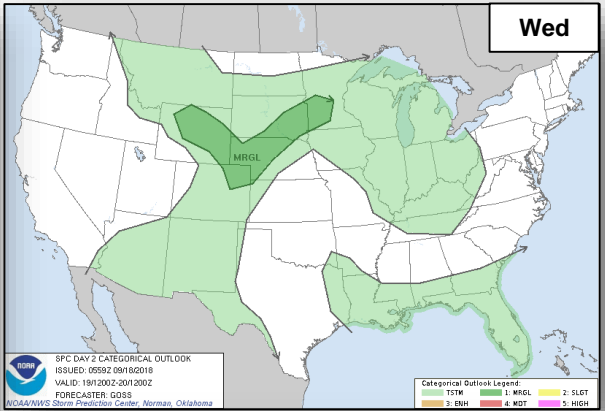
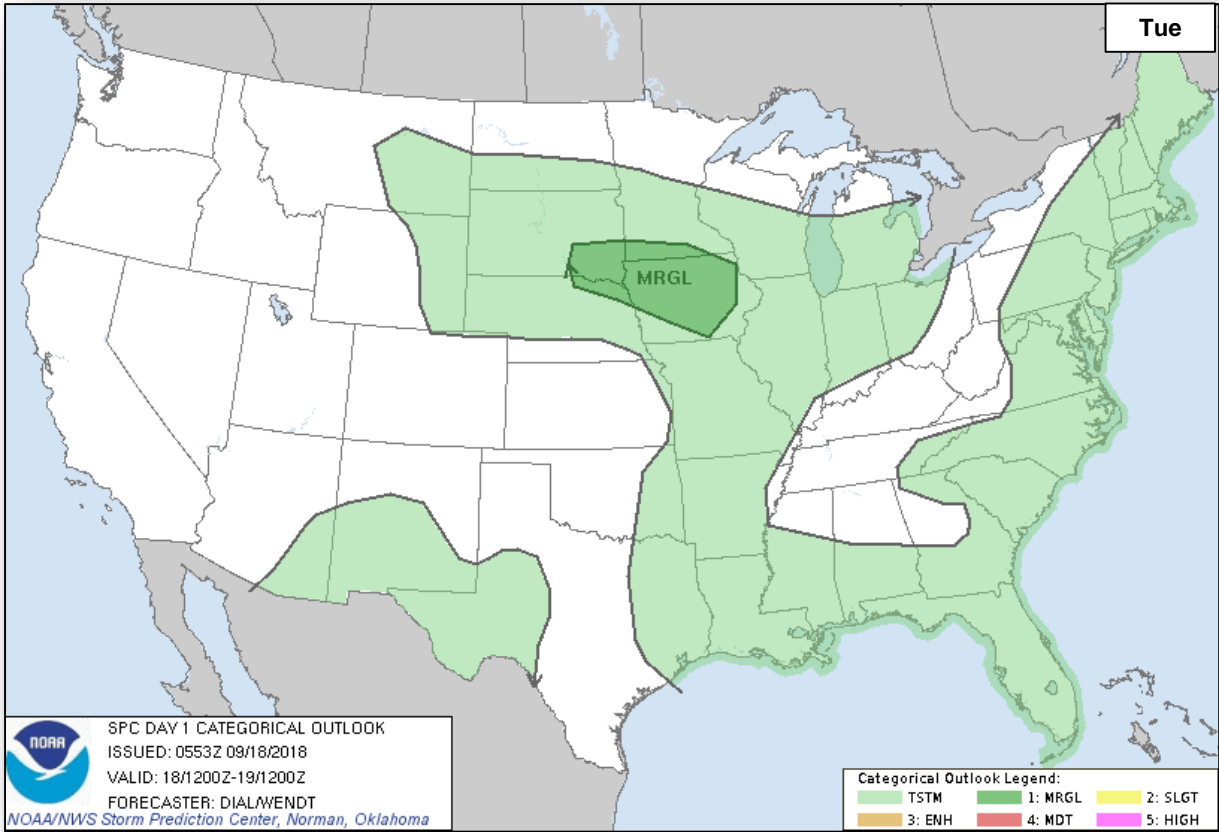


**5 Day Outlook**

# Severe Weather Outlook



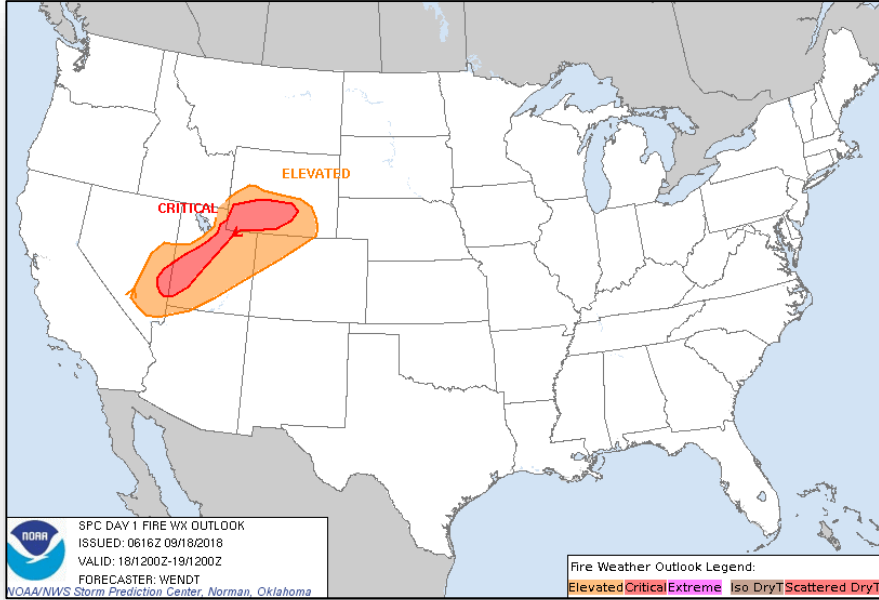
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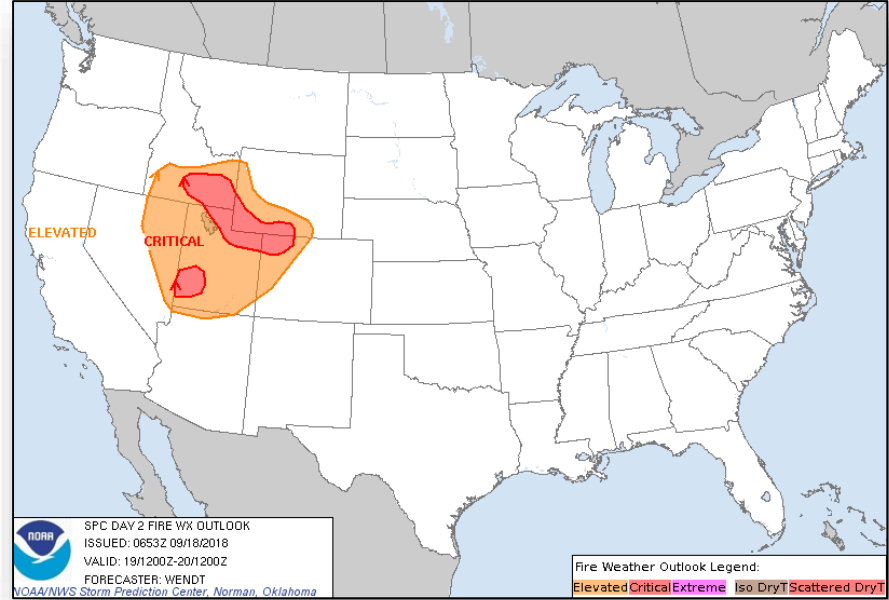
# Fire Weather Outlook



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**Tuesday**

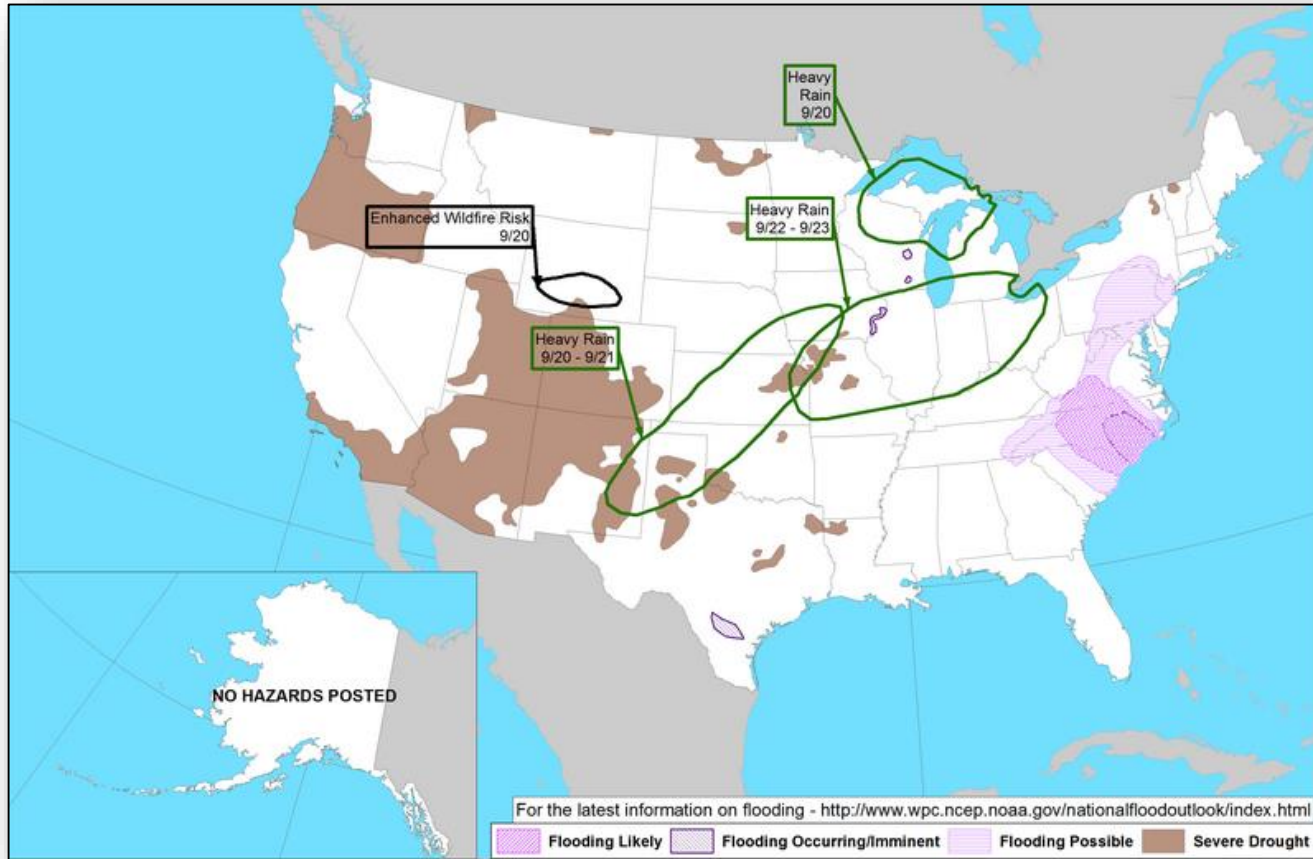


**Wednesday**

# Hazards Outlook – Sep 20-24



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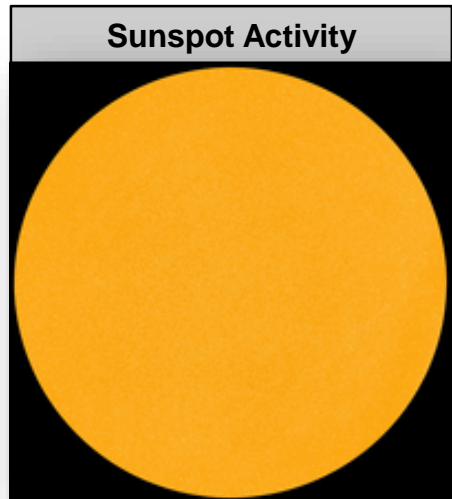
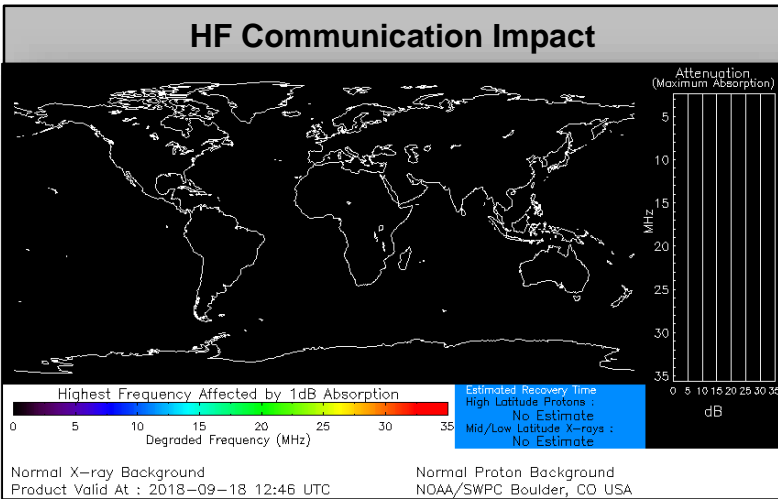
# Space Weather



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	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	None	None	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>





# Disaster Requests & Declarations



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Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
7	IA	PA	HM	Date Requested	0	0
LA – DR Flooding		X	X	June 29, 2018		
Cheyenne River Sioux Tribe – DR Severe Storm and Straight-line Winds	X	X	X	August 17, 2018		
Oglala Sioux Tribe – DR Severe Storms, Tornadoes, and Straight-line Winds	X		X	August 27, 2018		
NJ – DR Severe Storms and Flooding	X		X	August 30, 2018		
HI – DR Hurricane Lane and Wildfires	X	X	X	September 5, 2018		
PA – (Appeal) DR Severe Storms, Flooding, and Landslides		X	X	September 7, 2018		
NY – DR Severe Storms and Tornadoes		X	X	September 9, 2018		

# Disaster Amendments



FEMA

Amendment	Date Issued	Action
Amendment No. 1 to FEMA-4393-EM-NC	September 17, 2018	Added 10 counties for IA and debris removal and emergency protective measures (Categories A and B), including direct Federal assistance, under the Public Assistance program

# Readiness – Deployable Teams and Assets



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Resource	Force Strength	Available	Deployed	Other	Cadres with 25% or Less Availability
<b>IM Workforce</b>	11,856 ▲	1,951 ▼17%	6,496 ▲	3,409	DSA 10% (87/841); EHP 7% (28/390); ER 2% (1/43); FL 23% (36/157); FM 20% (54/265); HR 4% (11/235); IA 18% (517/2,807); IT 6% (39/629); LOG 7% (82/1,165); OPS 10% (27/259); PA 10% (183/1,811); PLAN 6% (22/339); SAF 9% (5/53); SEC 12% (13/109)
<b>National IMATs*</b> (1-2 Teams)	East 1: Composite: West:	Deployed Deployed B-2			
<b>Regional IMATs</b> ( $< 3$ Teams)	Assigned: Available: PMC / NMC: Deployed:	13 2 2 9			
<b>National ISBs</b> (0 Teams)	Team A Team B Team C	Deployed Deployed Deployed			
<b>US&amp;R</b> ( $\geq 33\%$ )	Assigned: Available: PMC / NMC: Deployed:	28 4 (+2) 2 22 (-2)			
<b>MERS</b> (33-65%)	Assigned: Available: PMC / NMC: Deployed:	36 19 0 17			
<b>FCO</b> ( $\leq 1$ Type I)	Assigned: Available: PMC / NMC: Deployed:	33 13 2 18			
<b>FDRC</b> ( $\geq 3$ )	Assigned: Available: PMC / NMC: Deployed:	14 2 (-1) 3 9 (+1)			

As of 3:00 a.m. EDT Sep 18, 2018

\* **B-2 Status:** Assemble  $\leq 2$ -hrs, On Site  $\leq 18$ -hrs; **B-48 Status:** Assemble and deploy  $\leq 48$ hrs; **Charlie Status:** No team assemble time requirement

# FEMA Readiness – Activation Teams



FEMA

Status		Activated Team	Activation Level	Activation Times	Reason / Comments
<b>NWC</b>	Steady State				
<b>NRCC</b>	Activated	Blue	Level I	24/7	Tropical Activity – Atlantic
<b>HLT</b>	Activated				
<b>RWC / MOCs</b> (10 Regions)	Activated	Region III	Enhanced Watch	Dayshift only	Hurricane Florence
<b>RRCCs</b> (10 Regions)	Activated	Region IV	Level I	24/7	Hurricane Florence



# FEMA

**FEMA's mission is helping people before, during, and after disasters.**