



# FEMA

## Daily Operations Briefing

**Thursday, September 20, 2018**

**8:30 a.m. EDT**



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# Significant Activity – Sep 19-20

**Significant Events:** Remnants of Hurricane Florence

**Tropical Activity:**

- Atlantic – Disturbance 1: Low (20%); Disturbance 2: Low (near 0%)
- Eastern Pacific – Disturbance 1: Low (10%); Disturbance 2: Low (near 0%)
- Central Pacific – No new tropical cyclone are expected during next 48 hours
- Western Pacific – No activity affecting U.S. interests

**Significant Weather:**

- Severe thunderstorms and flash flooding possible – Upper Midwest
- Heavy rain and flash flooding possible – Southern Plains
- Elevated / Critical Fire Weather – CA, UT, CO, ID, & WY
- Red Flag Warnings – CA, UT, & WY

**Declaration Activity:** None

# Tropical Cyclone Florence – Lifelines



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## Safety & Security:

- NC: Dam breaches: 5 (+1) confirmed, 5 (+3) unconfirmed; Levee breach: 1 confirmed; Dam over-toppings: 4 confirmed; Dam facilities with varying degrees of protective measures: 20 (+1)
- SC: Dam breaches: 8 confirmed, 3 unconfirmed; Dam overtoppings: 6 confirmed, 4 unconfirmed; Dam facilities with varying degrees of protective measures: 6 (+2)

## Food, Water and Shelter:

- NC: FEMA DSA conducting registration intake in [Wilmington & New Bern](#) shelters

Health and Medical: NC: 39 hospitals in the affected area; 2 closed, 4 operating emergency departments only, all other hospitals open

Energy: NC: Fuel outages are concentrated in Wilmington ([52% reporting no fuel](#)) and Greenville/New Bern/ Washington area ([38% reporting no fuel](#)).

Communications: Cellular infrastructure steadily improving in impacted area, with sites able to switch from generator to commercial power

## Transportation:

- Approximately 813 (-289) roads closed due to flooding; to include closures on I-95, I-40 and US 70; road conditions expected to deteriorate over the next few days
- Intermittent closures on I-95 across the Great Pee Dee River; continuing protective measures along US 501 and US 378

## Hazardous Waste

NC:

- 4 hog lagoons have failed, 9 have become inundated, and 13 have overtopped
- [Department of Agriculture estimates 3 to 4 million birds and 5,500 hogs perished due to flooding](#)



## FEMA HQ

- NRCC at Level II Dayshifts; Enhanced Watch Nightshifts
- National IMAT East-1 deployed to NC EOC
- Composite IMAT deployed to SC EOC
- MERS assets deployed
- US&R: Red IST deployed to Kinston, NC
- Region VIII IMAT deployed to NC EOC
- Region V IMAT deployed to FEMA HQ (DC)

## Region IV

- [RRCC at Level II with select ESFs \(dayshift\)](#)
- RWC at Steady State
- 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, 2 – Type 1; 4 – Type 3; 11 – 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 & Kentucky: EOC at Monitoring (EMAC support)

## Region III

- 2 IMATs (Type III) deployed to VA
- Virginia (FEMA-3403-EM-VA): EOC at Monitoring

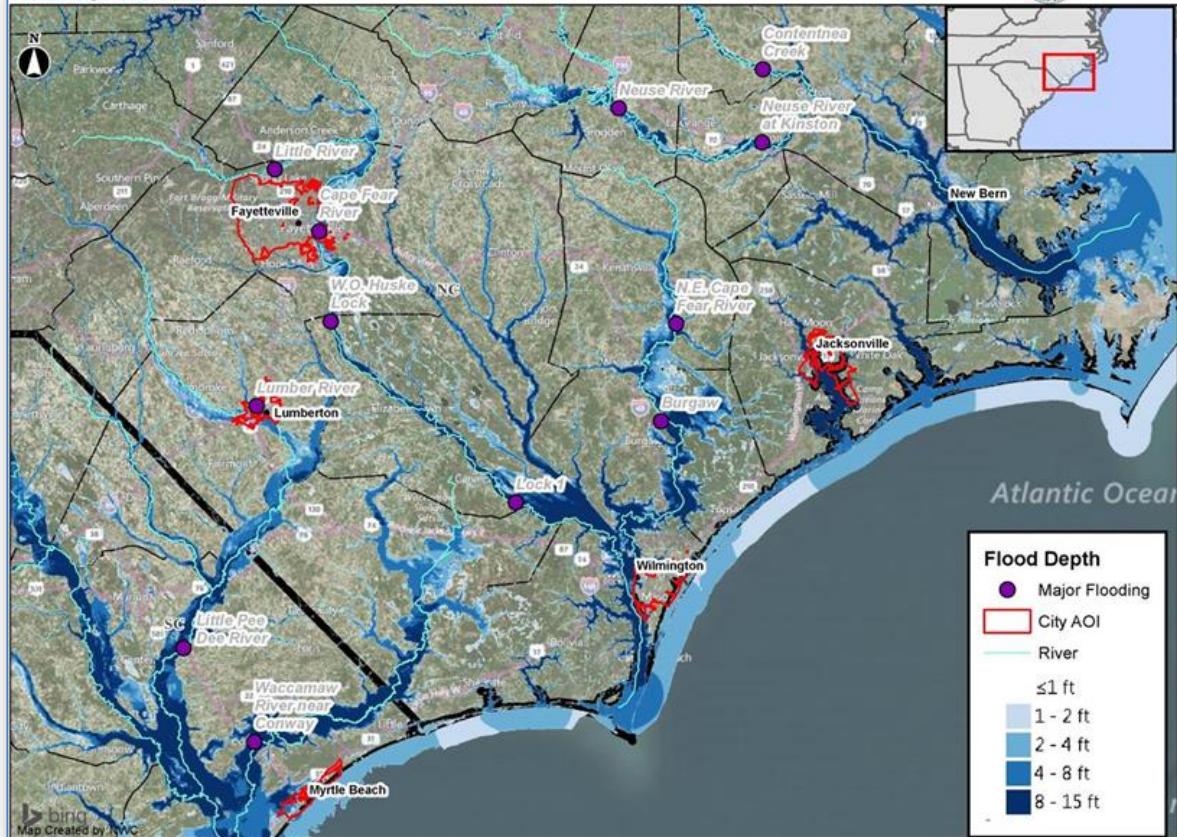
# Flood Overview



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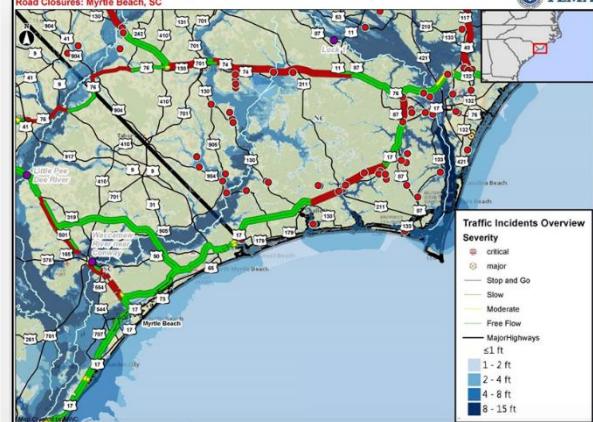
## Tropical Cyclone Florence: (20 September 2018 0600 EDT)

## Flood Depth Overview



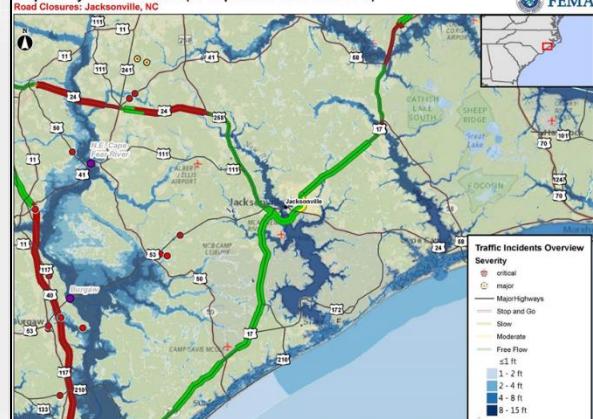
**Tropical Cyclone Florence: (20 September 2018 0600 EDT)**

### Road Closures: Myrtle Beach



Tropical Cyclone Florence: (19 September 2018 0600 EDT)

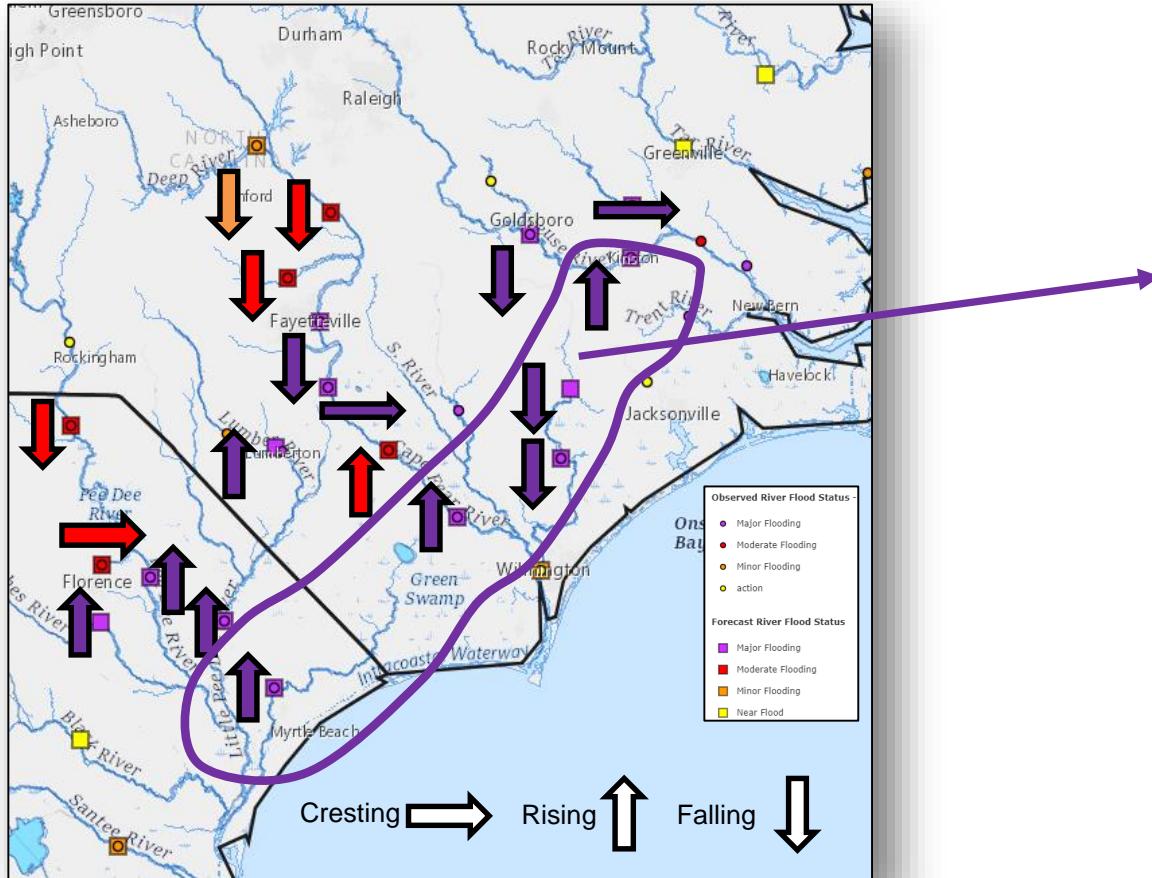
### Road Closures: Jacksonville



# River Flood Update



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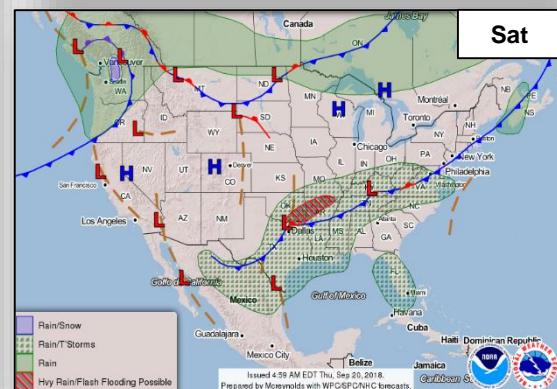
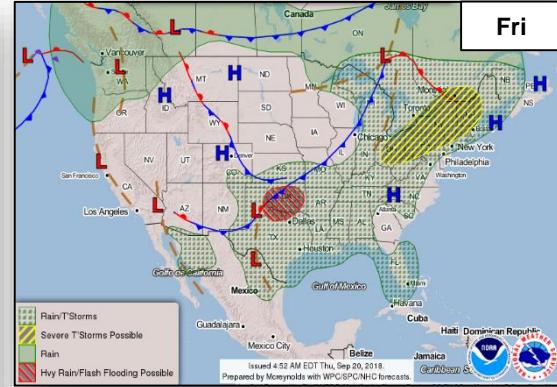
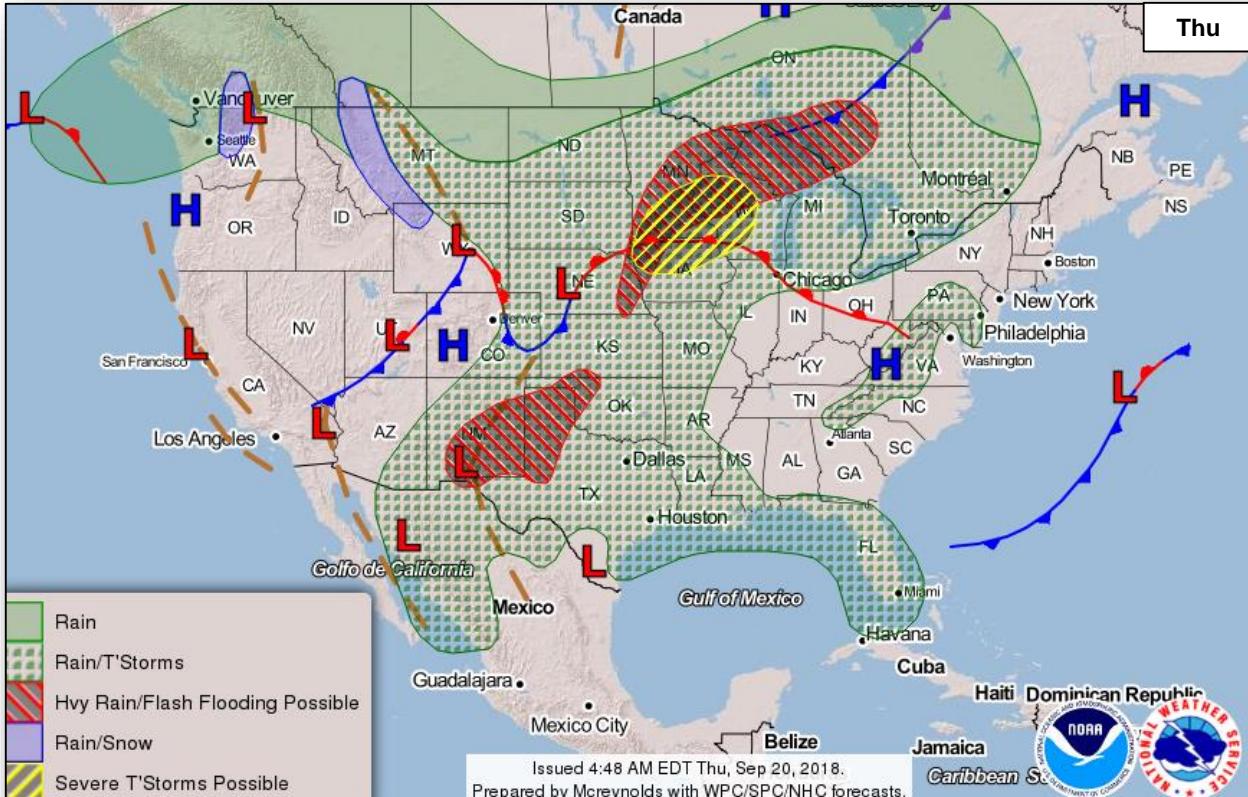
# Prolonged Major & **RECORD** Flooding

- Lower Neuse (Kinston)
- N. E. Cape Fear  
(Chinquapin & Burgaw)
- Lower Cape Fear (Lock1)
- Lumber ( I-95)
- Little Pee Dee
- Lower Pee Dee
- Lynches
- Waccamaw

# National Weather Forecast



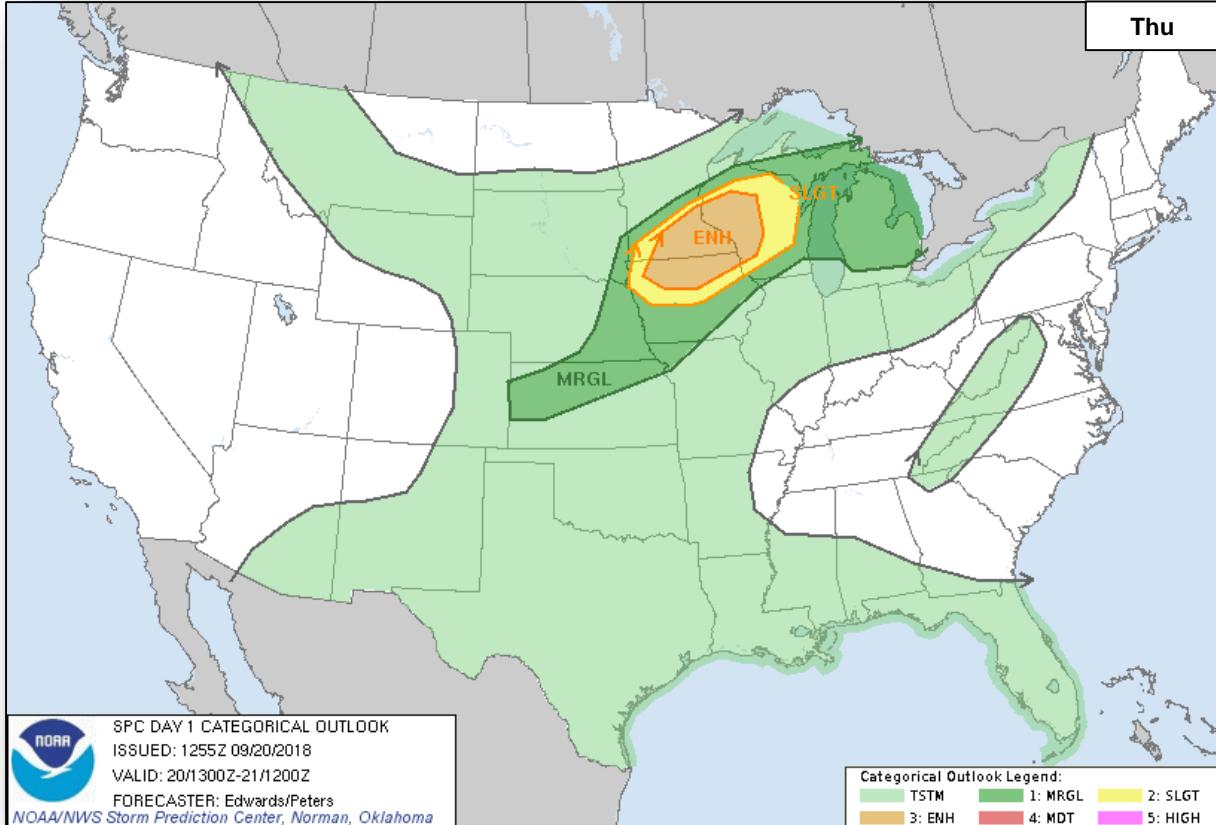
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# Severe Weather Outlook



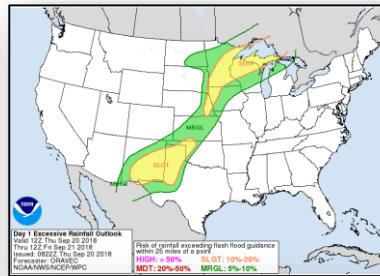
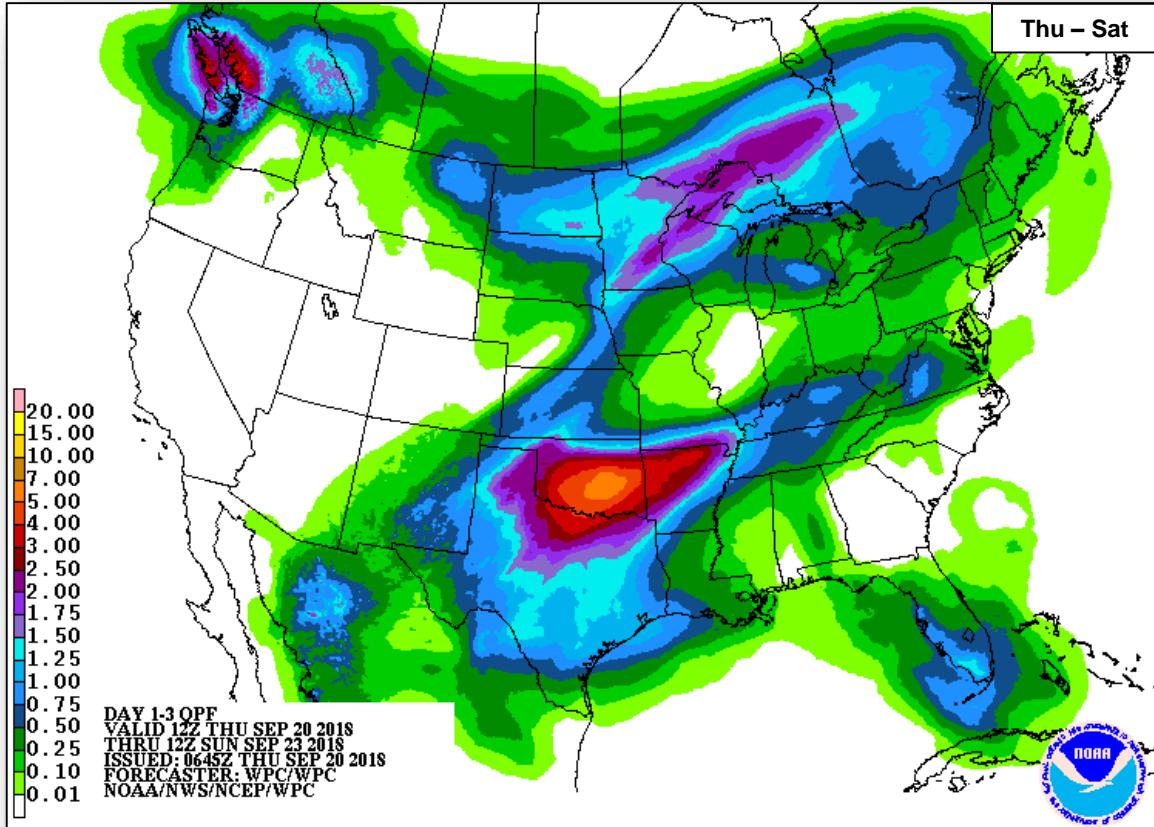
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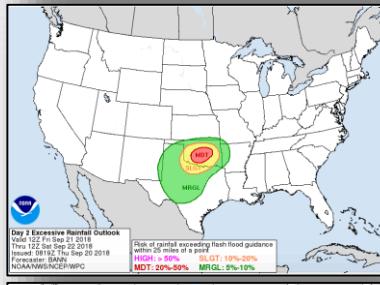
# Precipitation / Excessive Rainfall Forecast



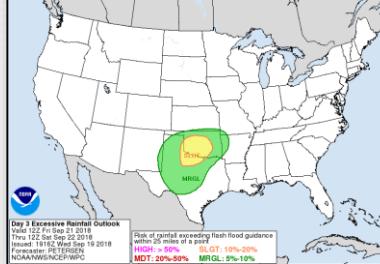
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Thu



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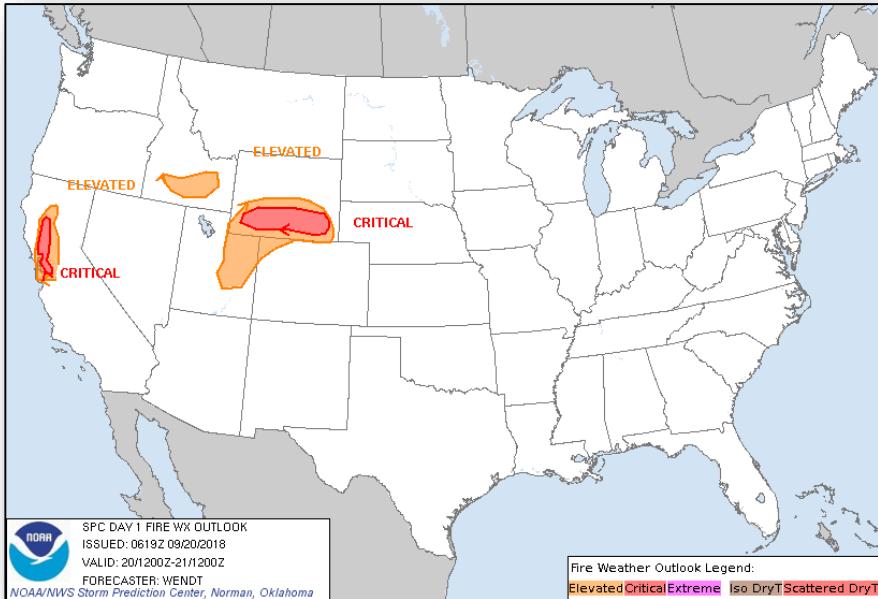


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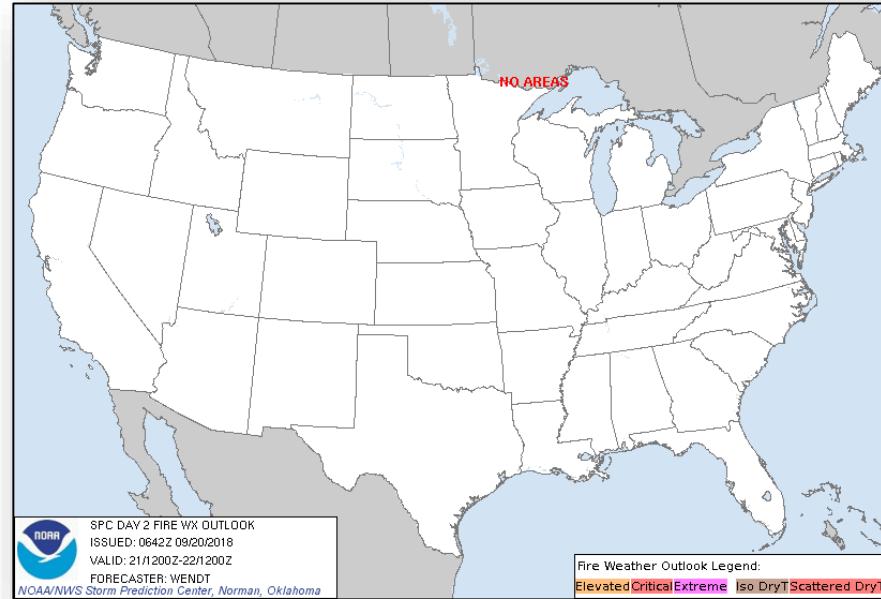
# Fire Weather Outlook



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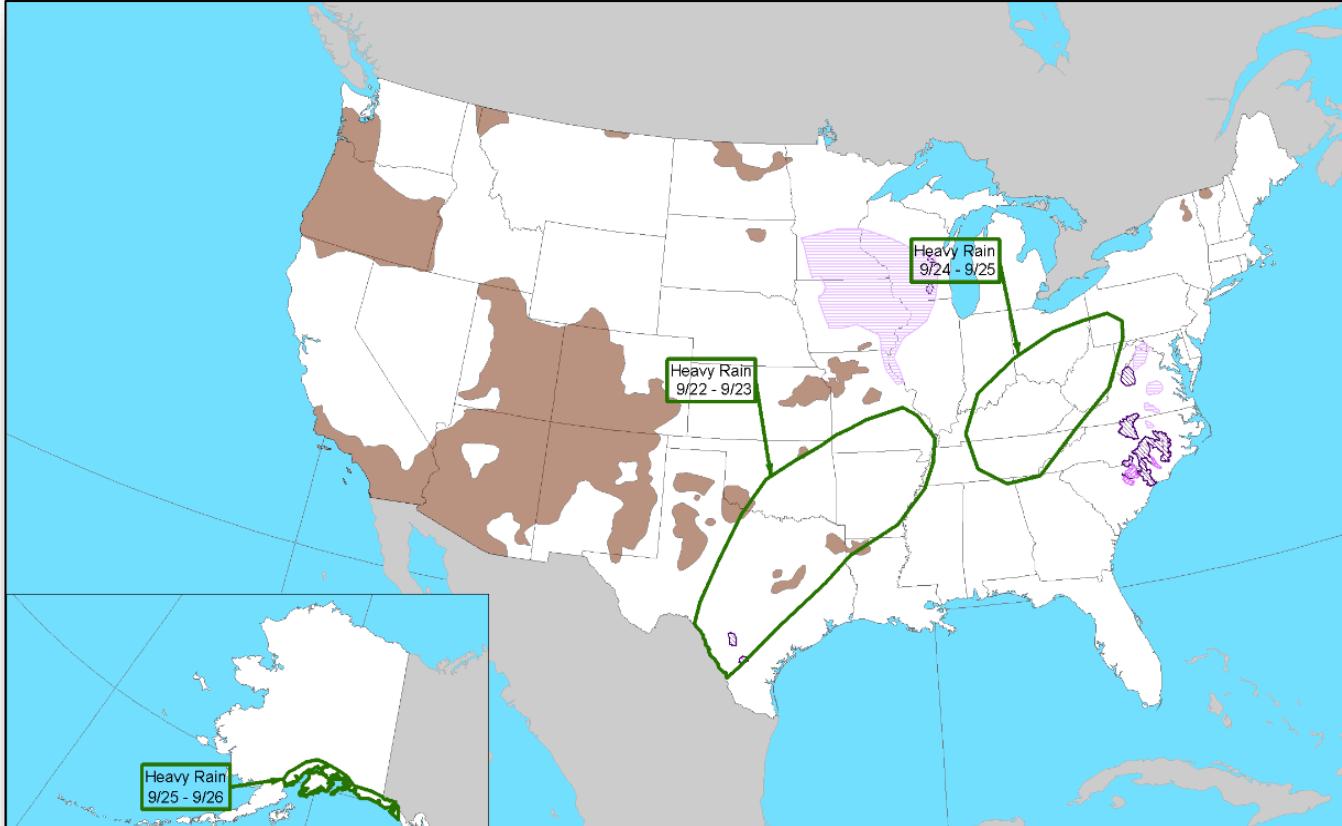


*Thursday*



*Friday*

# Hazards Outlook – Sep 22-26



# Tropical Outlook – Atlantic



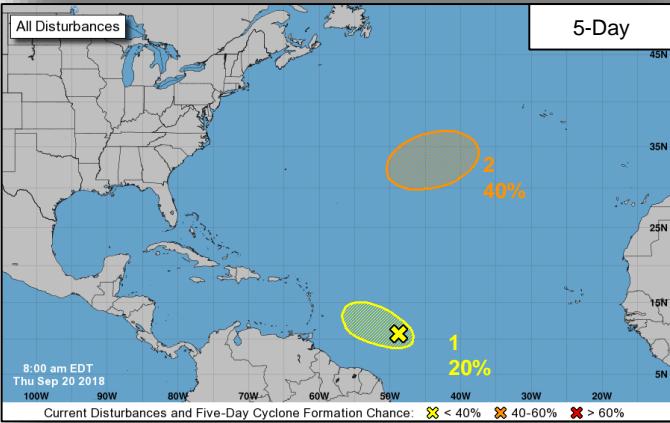
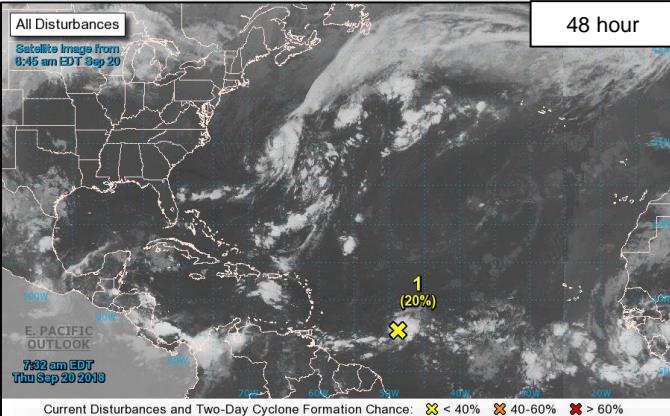
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## Disturbance 1 (as of 8:00 a.m. EDT)

- 850 miles E of the Windward Islands
- Some additional development is possible today before upper-level winds become increasingly unfavorable for tropical cyclone formation
- Formation chance through 48 hours: Low (20%)
- Formation chance through 5 days: Low (20%)

## Disturbance 2 (as of 8:00 a.m. EDT)

- A non-tropical low is forecast to develop by Friday between Bermuda and the Azores
- Conditions are expected to be favorable for subtropical or tropical cyclone formation
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Low (40%)





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# Tropical Outlook – Eastern Pacific

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

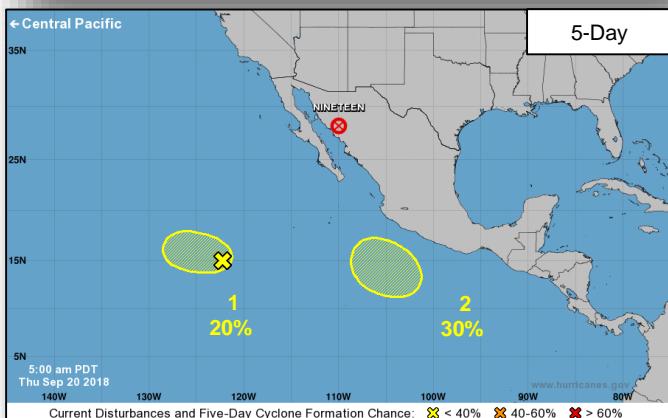
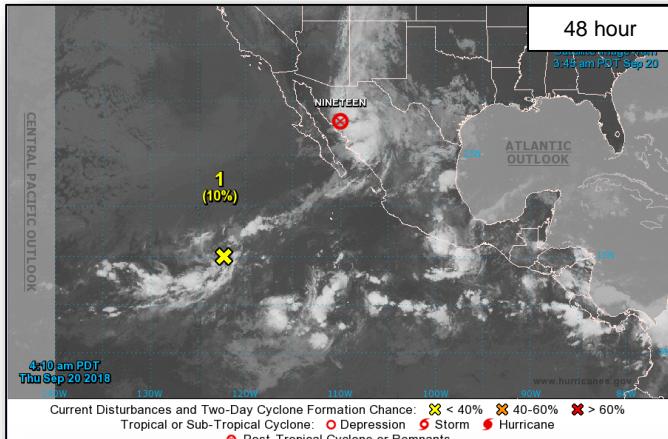
- 1000 miles SW of the southern tip of Baja California Peninsula, Mexico
- Development of this system will be slow before upper-level winds become unfavorable
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (20%)

## Disturbance 2 (as of 8:00 a.m. EDT)

- An area of low pressure is expected to form in a few days well south of the Gulf of Tehuantepec
- Some slow development of this system is possible early next week Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Low (30%)

## Remnants of Tropical Depression Nineteen-E (Advisory #4, as of 5:00 a.m. EDT)

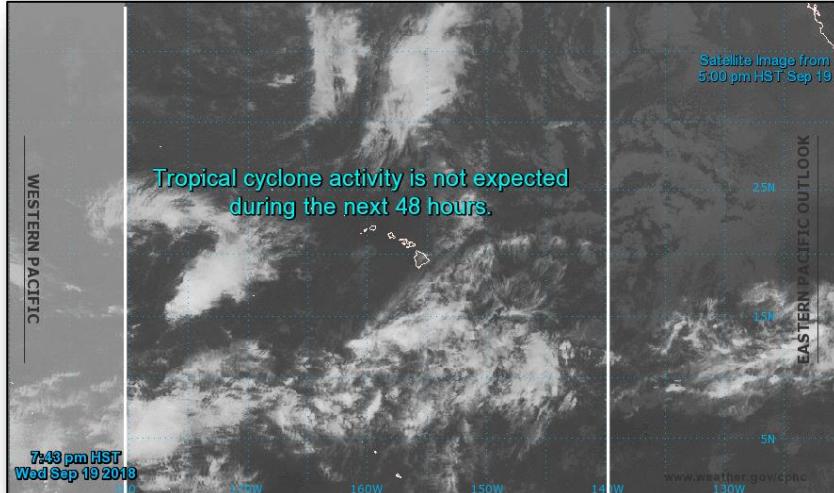
- 55 miles E of Guaymas, Mexico
- Moving NNE at 9 mph
- Maximum Sustained Winds of 30 mph
- Dissipated over the State of Sonora; heavy rains and flash flooding possible



# Tropical Outlook – Central Pacific



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**48 Hour Outlook**



**5 Day Outlook**



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# Wildfire Summary

Fire Name (County)	FMAG Number	Acres Burned	Percent Contained	Evacuations	Structures			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
<b>Wyoming (1)</b>								
Roosevelt Fire (Sublette)	5276-FM-WY	29,162 (+3,994)	0%	Mandatory	250 homes	0	0	0 / 0

# Joint Preliminary Damage Assessments



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Region	State / Location	Event	IA / PA	Number of Counties		Start – End
				Requested	Completed	
III	PA	Severe Weather July 21-27, 2018	IA	12	5	9/5 – TBD
			PA	13	6	9/5 – TBD
	PA	Severe Weather August 10-15, 2018	IA	14	4	9/5 – TBD
			PA	15	2	9/5 – TBD



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# Readiness – Deployable Teams and Assets

Resource	Force Strength	Available	Deployed	Other	Cadres with 25% or Less Availability							
<b>IM Workforce</b>	11,886 ▲	2,014 ▲ 17%	6,424 ▼	3,448	DSA 12% (97/836); EHP 7% (30/408); ER 5% (2/44); FL 24% (37/157); FM 19% (49/265); HM 22% (209/969); HR 5% (12/236); IA 19% (522/2,804); IT 7% (45/637); LOG 9% (100/1,163); OPS 12% (31/265); PA 10% (187/1,815); PLAN 8% (28/337); SAF 4% (2/53); SEC 7% (8/109)							
<b>National IMATs*(1-2 Teams)</b>	East 1: Deployed Composite: Deployed West: B-2				4382-DR-CA FCO: William Roche JFO: Sacramento, CA R-IX IMAT-2	4388-DR-MT FCO: James Stephenson R-VIII HQ Denver, CO	4375-DR-NE 4387-DR-NE 4386-DR-IA 4392-DR-IA FCO: Timothy J. Scranton/ C. Johnson-Cage JFO: Windsor Heights, IA	4359-DR-WV 4378-DR-WV FCO: Steven S. Ward JFO: Charleston, WV	4374-DR-MD 4376-DR-MD FCO: Emily Breslin R-III HQ: Philadelphia, PA	4368-DR-NJ FCO: Lai Sun Yee VFO: Colts Neck, NJ	Field Office ★ Staging Area ● JFOs: 10 DRs: 40 EMs: 4 Deployed Teams (Location)	
<b>Regional IMATs(&lt; 3 Teams)</b>	Assigned: 13 Available: 3 PMC / NMC: 3 Deployed: 7				3402-EM-CNMI FCO: Willie G. Nunn JFO: TBD R-VII IMAT, R-IX LNO						Hurricane Florence NRCC Support (DC) R-V IMAT, MERS	
<b>National ISBs(0 Teams)</b>	Team A Deployed Team B Deployed Team C Deployed										3403-EM-VA FCO: Donald Keldsen JFO: TBD R3 IMAT x 2 (Type III) MERS US&R: 2-Type 3, 3-MRP Water Teams	
<b>US&amp;R(≥ 33%)</b>	Assigned: 28 Available: 6 (+2) PMC / NMC: 8 (-1) Deployed: 14 (1)				Guam Typhoon Mangkhut MERS, R-IX LNO						4393-DR-NC FCO: Albert Lewis JFO: TBD N-IMAT E1; R-VIII IMAT R-IV IMAT 1 (NC EOC) MERS, R-IV LNO US&R: Red IST, 5-Type 1, 4-Type 3, 16-MRP Water Teams	
<b>MERS(33-65%)</b>	Assigned: 36 Available: 21 PMC / NMC: 0 Deployed: 15				3404-EM-HI 3399-EM-HI FCO: Dolph A. Diemont 4366-DR-HI FCO: Benigno Bern Ruiz JFO: Honolulu, HI R-IX IMAT-1 (JFO)						4394-DR-SC FCO: Elizabeth Turner JFO: TBD R-IV IMAT 2 (SC EOC) Composite IMAT MERS, R-IV LNO US&R: 2-Type 1, 1 MRP Water Team, 1 HEPP	
<b>FCO(≤ 1 Type I)</b>	Assigned: 33 Available: 13 PMC / NMC: 2 Deployed: 18										4336-DR-FL FCO: Thomas J. McCool JFO: Orlando, FL	
<b>FDRC(≥ 3)</b>	Assigned: 14 Available: 1 PMC / NMC: 3 Deployed: 10				As of 3:00 a.m. EDT Sep 20, 2018						4336-DR-PR 4339-DR-PR FCO: Justo Hernandez JFO: Guayanabo, PR MERS	4335-DR-USVI 4340-DR-USVI FCO: Christopher Harnett JFO: St. Croix, USVI

\* 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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Status		Activated Team	Activation Level	Activation Times	Reason / Comments
NWC	Steady State				
NRCC	Activated	Blue	Level II Enhanced Watch	Dayshift Night Shift	
HLT	Activated				
RWC / MOCs (10 Regions)	Available				
RRCCs (10 Regions)	Activated	Region IV	Level II	Dayshift	Tropical Cyclone Florence



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