



FEMA

Daily Operations Briefing

Thursday, September 20, 2018

8:30 a.m. EDT

Significant Activity – Sep 19-20



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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



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

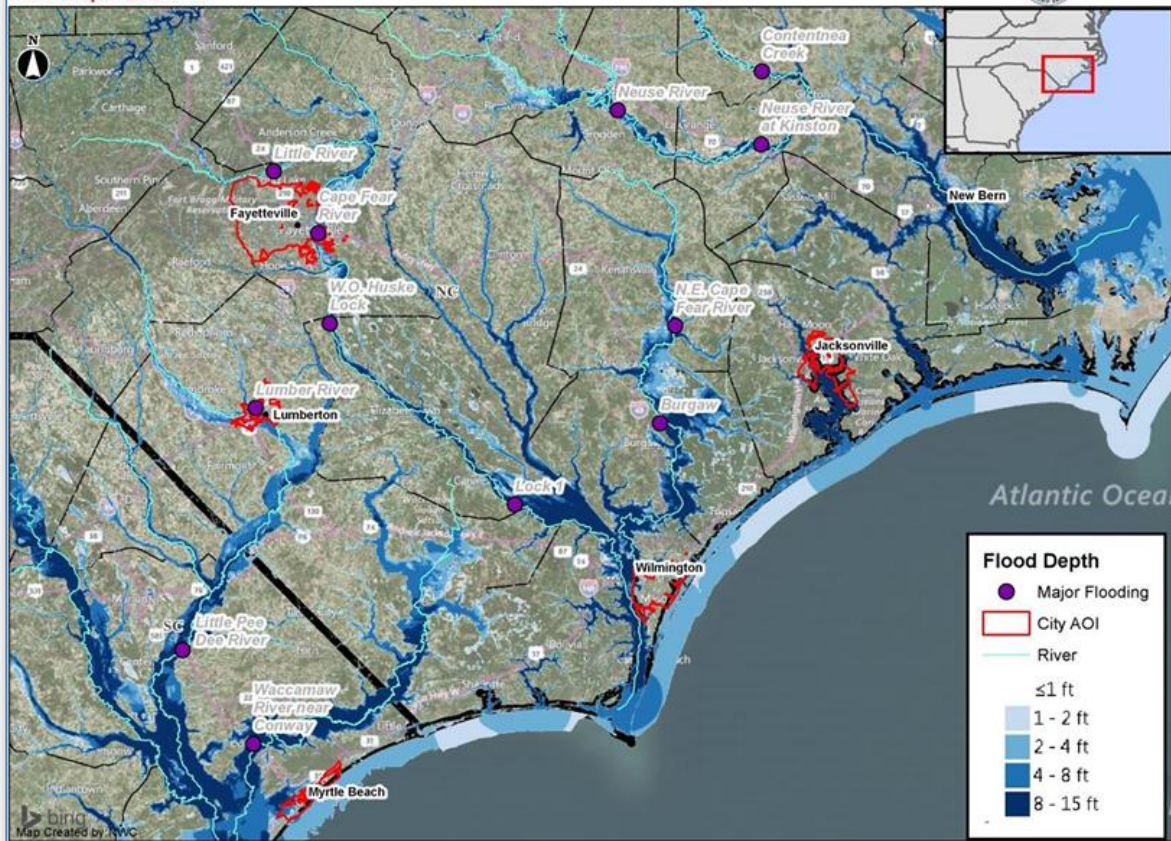
Flood Overview



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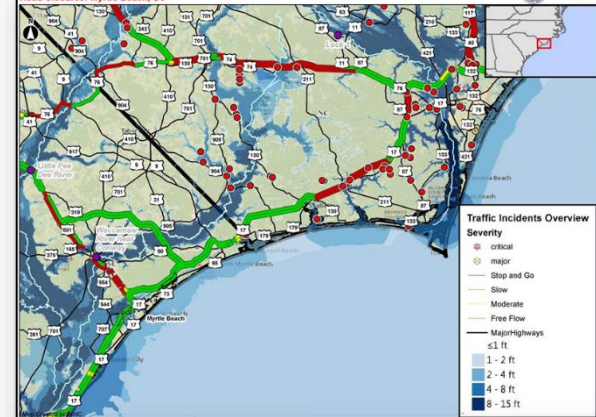
Tropical Cyclone Florence: (20 September 2018 0600 EDT)

Flood Depth Overview



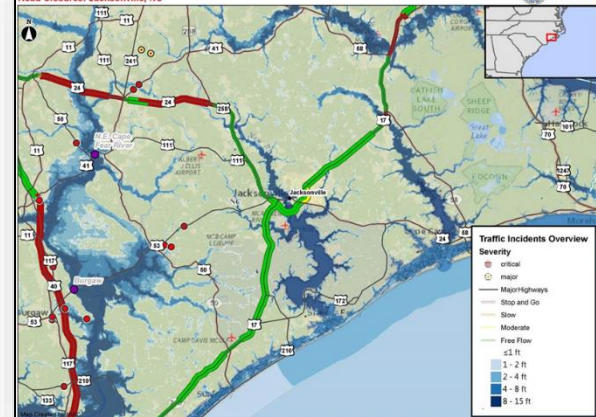
Tropical Cyclone Florence: (20 September 2018 0600 EDT)

Road Closures: Myrtle Beach, SC



Tropical Cyclone Florence: (19 September 2018 0600 EDT)

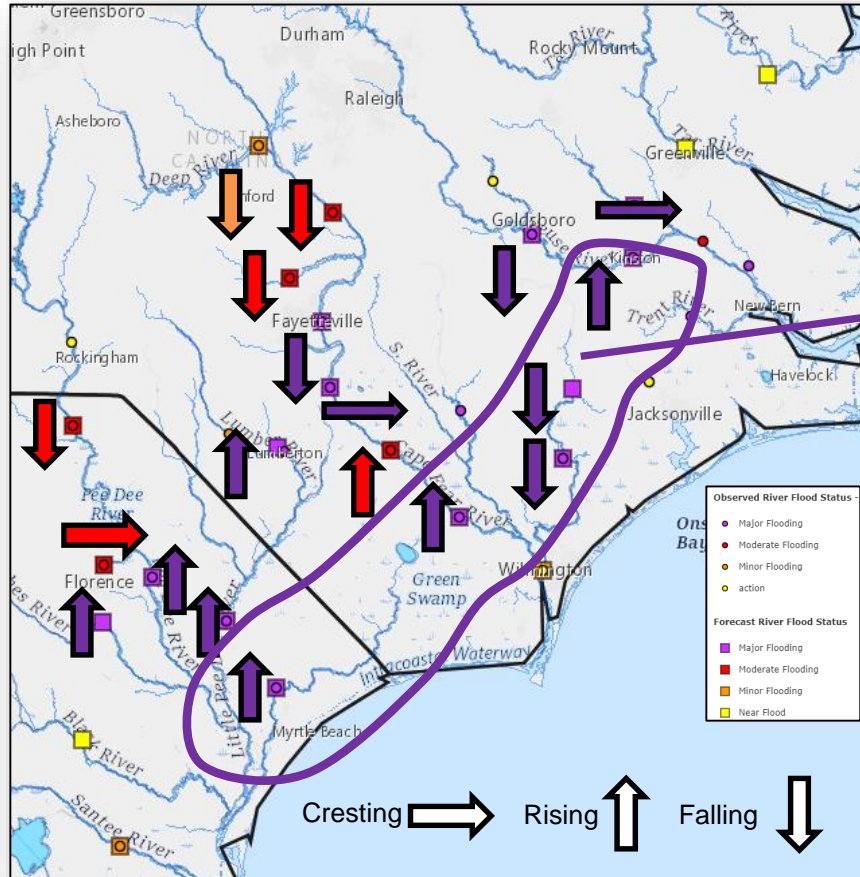
Road Closures: Jacksonville, NC



River Flood Update



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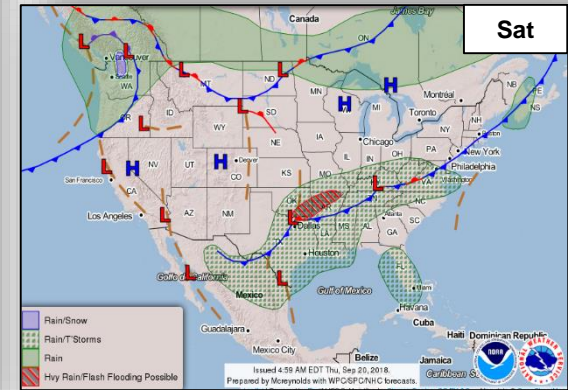
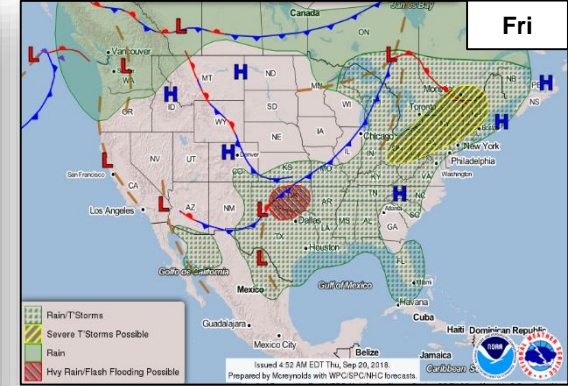
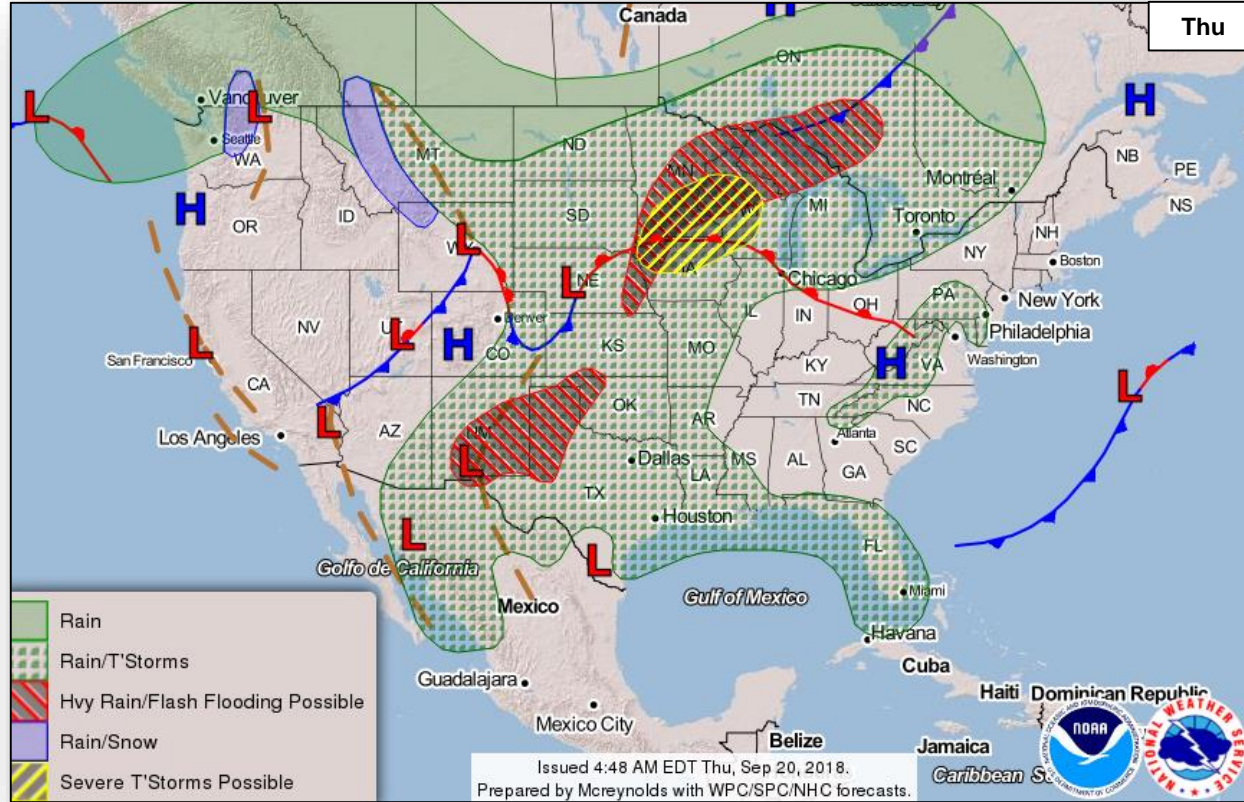
Prolonged Major & **RECORD** Flooding

- 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



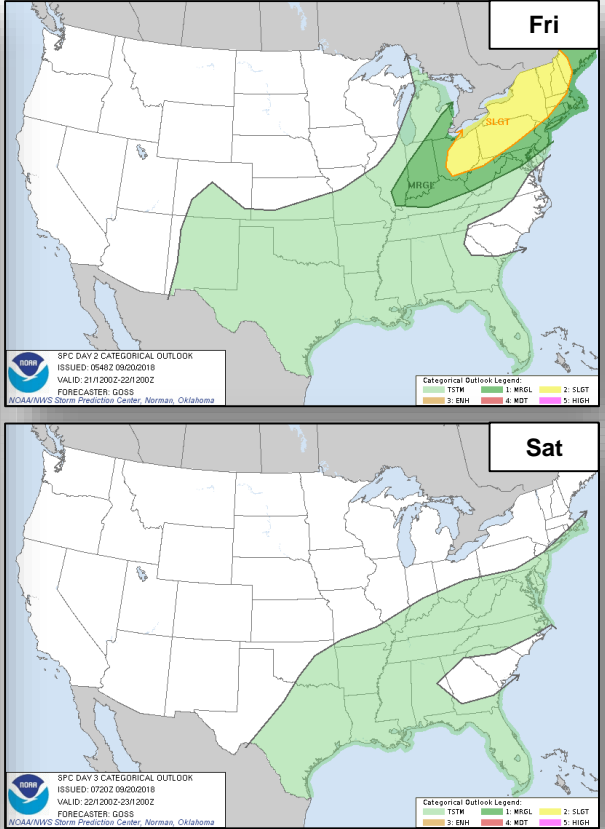
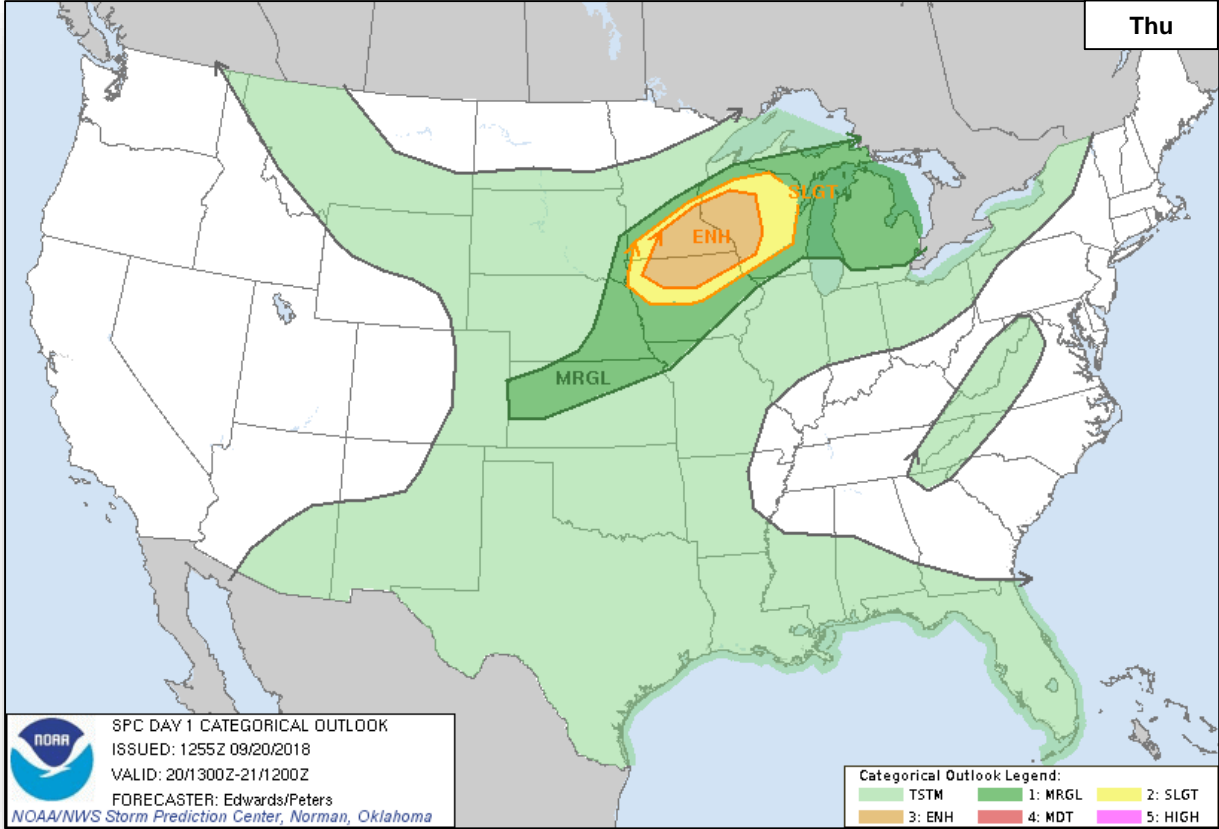
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Severe Weather Outlook



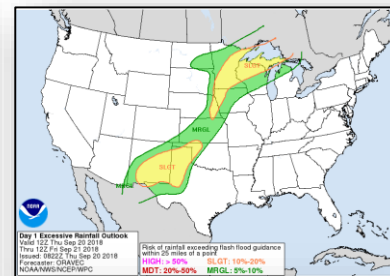
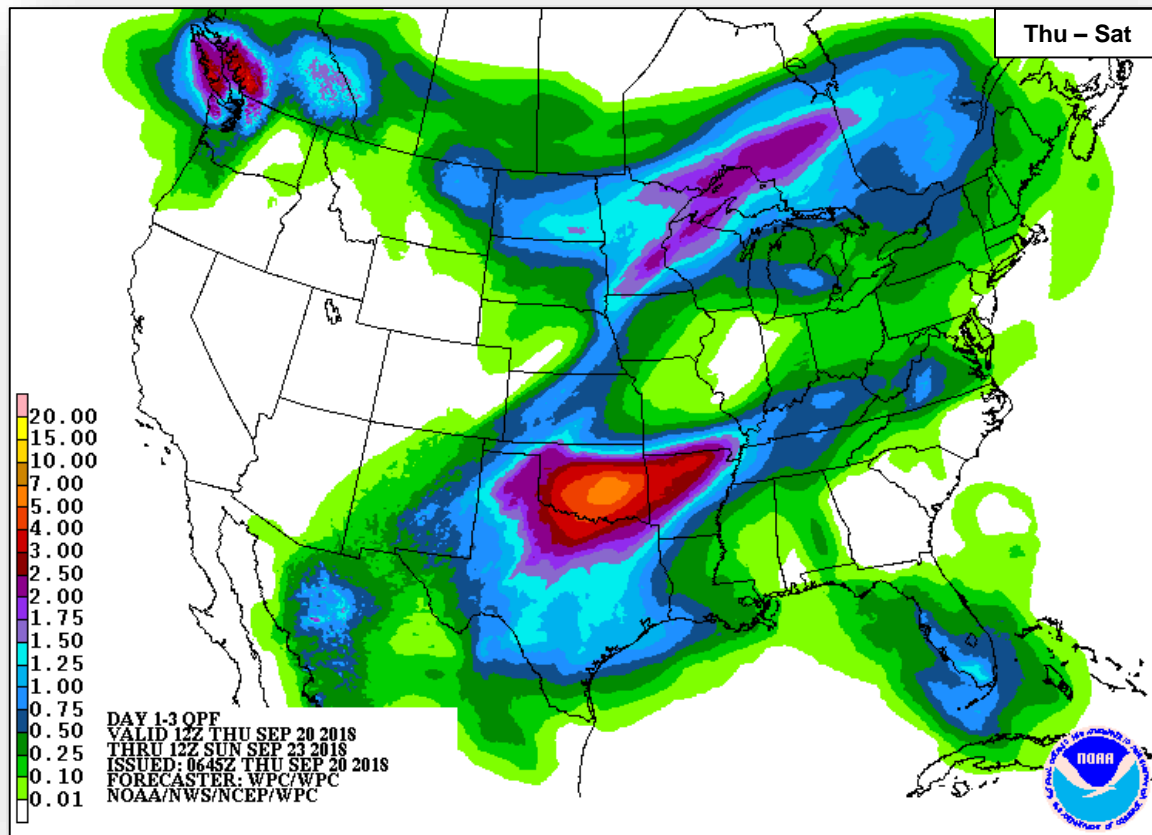
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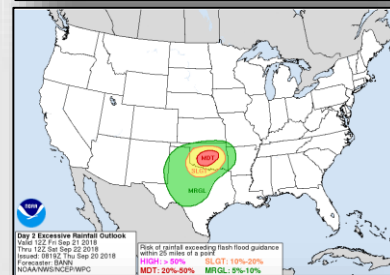
Precipitation / Excessive Rainfall Forecast



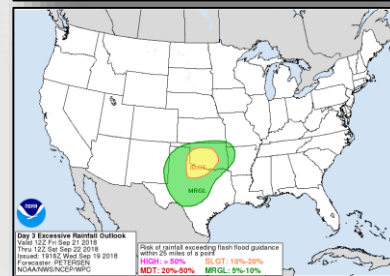
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Thu



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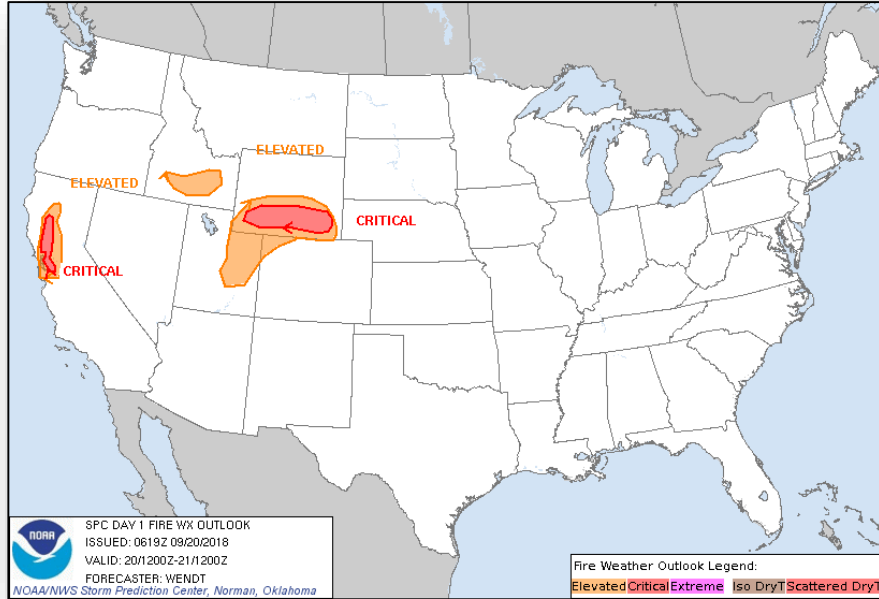


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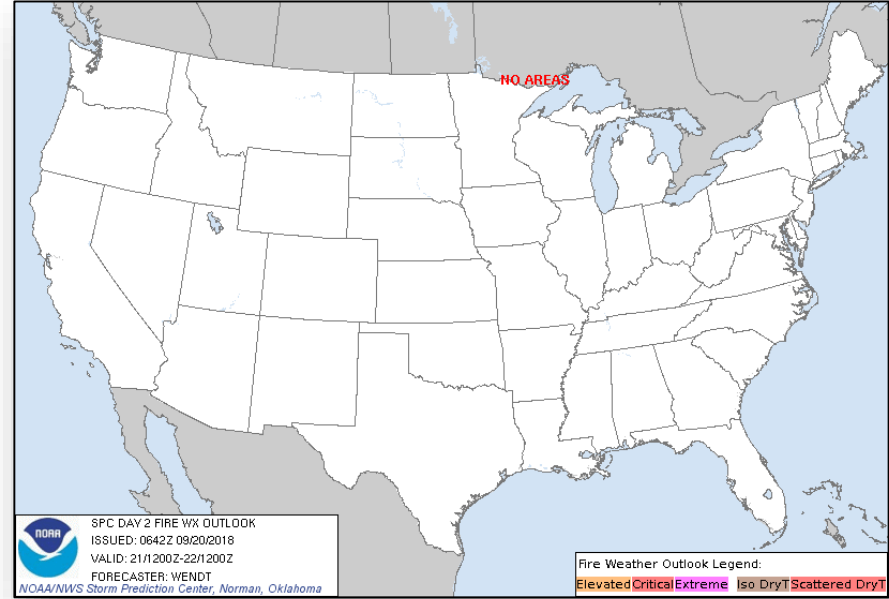
Fire Weather Outlook



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Thursday

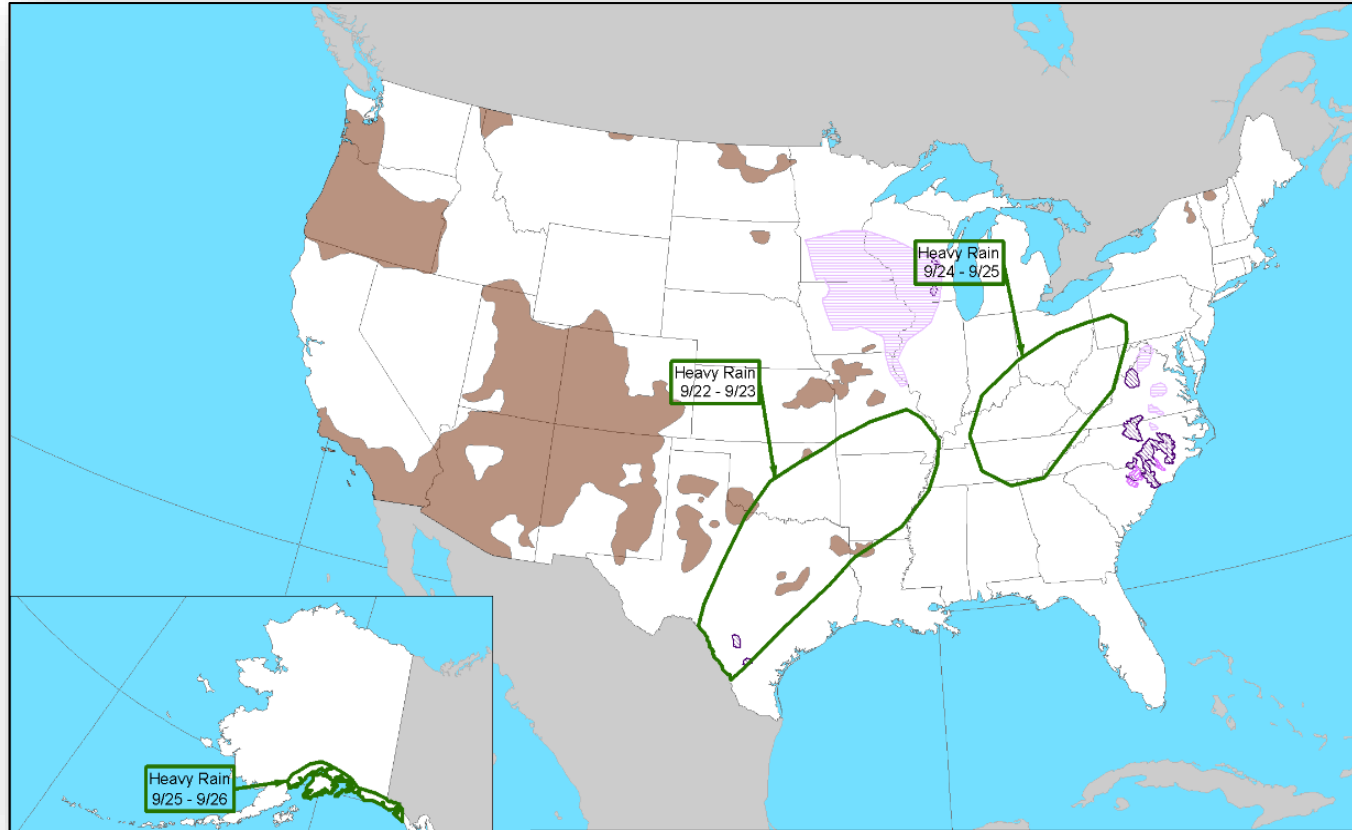


Friday

Hazards Outlook – Sep 22-26



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Tropical Outlook – Atlantic



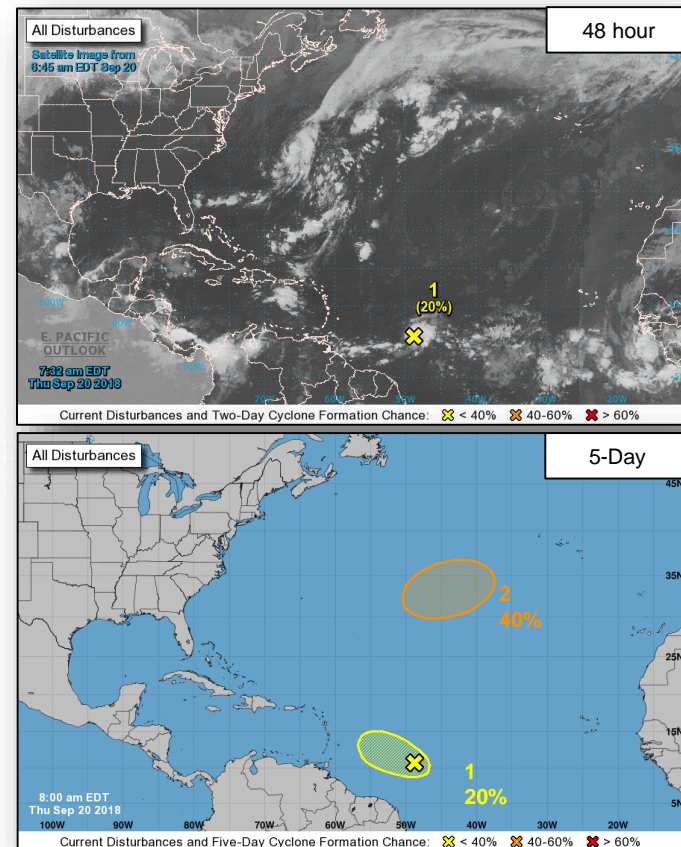
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Disturbance 1 (as of 8:00 a.m. EDT)

- 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%)



Tropical Outlook – Eastern Pacific



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

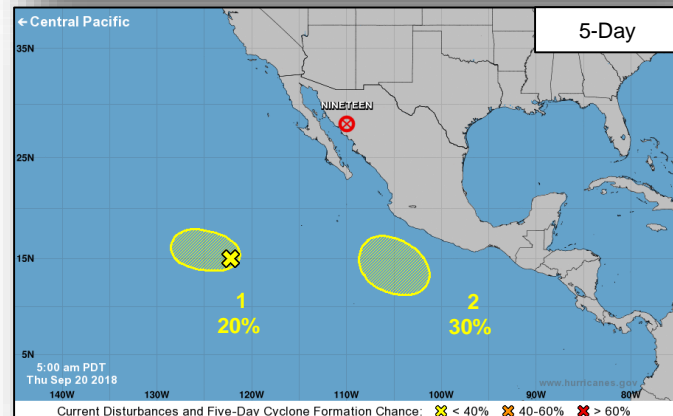
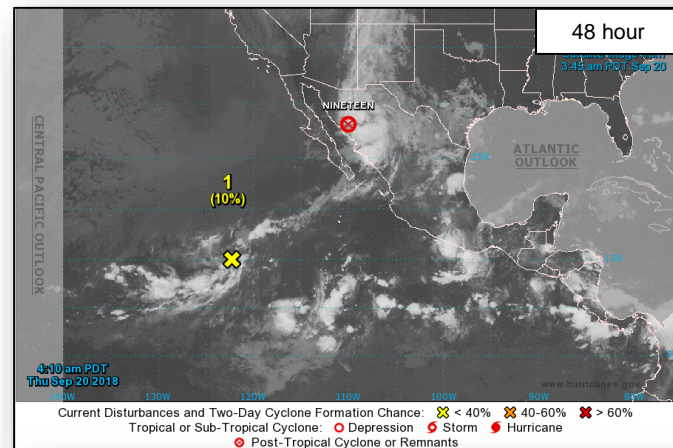
- 1000 miles SW of the southern tip of Baja California Peninsula, Mexico
- Development of this system will be slow before upper-level winds become unfavorable
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (20%)

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)

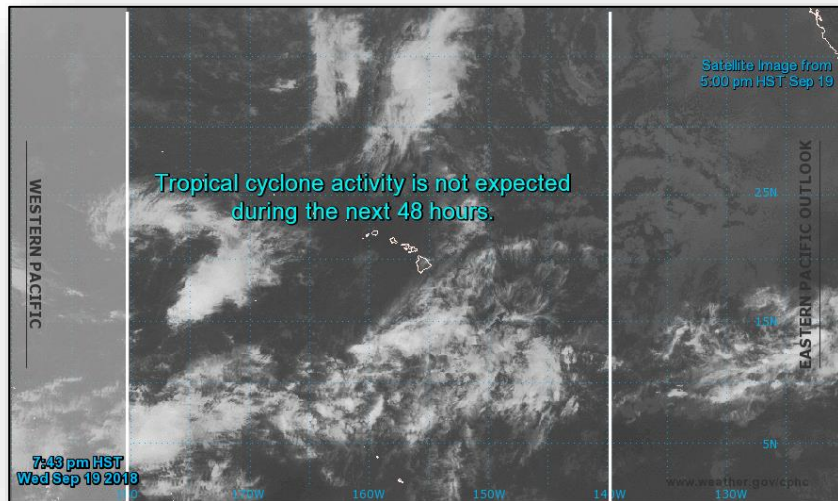
- 55 miles E of Guaymas, Mexico
- Moving NNE at 9 mph
- Maximum Sustained Winds of 30 mph
- Dissipated over the State of Sonora; heavy rains and flash flooding possible



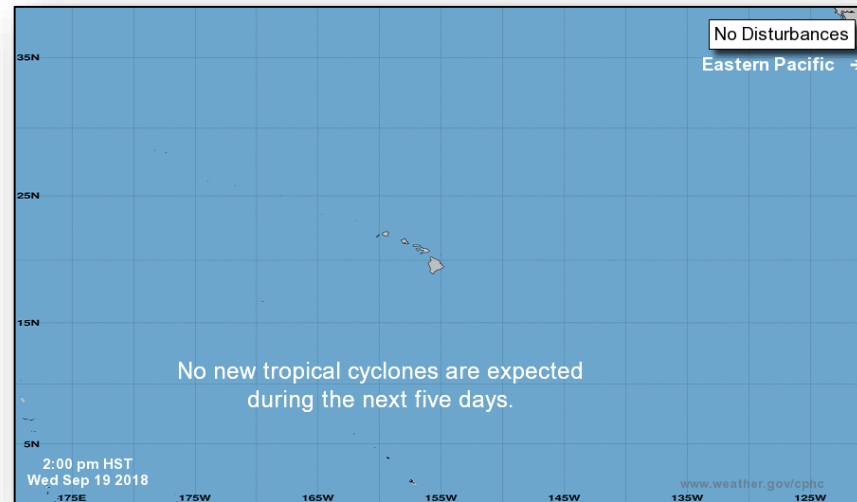
Tropical Outlook – Central Pacific



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48 Hour Outlook



5 Day Outlook

Wildfire Summary



Fire Name (County)	FMAG Number	Acres Burned	Percent Contained	Evacuations	Structures			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
Wyoming (1)								
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

Readiness – Deployable Teams and Assets



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Resource	Force Strength	Available	Deployed	Other	Cadres with 25% or Less Availability
IM Workforce	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)
National IMATs* (1-2 Teams)	East 1: Composite: West:	Deployed Deployed B-2			<div>4382-DR-CA FCO: William Roche JFO: Sacramento, CA R-IX IMAT-2</div> <div>4388-DR-MT FCO: James Stephenson R-VIII HQ Denver, CO</div> <div>4375-DR-NE 4387-DR-NE 4386-DR-IA 4392-DR-IA FCO: Timothy J. Scranton/ C. Johnson-Cage JFO: Windsor Heights, IA</div> <div>4359-DR-WV 4378-DR-WV FCO: Steven S. Ward JFO: Charleston, WV</div> <div>4374-DR-MD 4376-DR-MD FCO: Emily Breslin R-III HQ: Philadelphia, PA</div> <div>4368-DR-NJ FCO: Lai Sun Yee VJFO: Colts Neck, NJ</div>
Regional IMATs (< 3 Teams)	Assigned: Available: PMC / NMC: Deployed:	13 3 3 7			<div>3402-EM-CNMI FCO: Willie G. Nunn JFO: TBD R-VII IMAT, R-IX LNO</div> <div>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)</div> <div>3403-EM-VA FCO: Donald Keldsen JFO: TBD R3 IMAT x 2 (Type III) MERS US&R: 2-Type 3, 3-MRP Water Teams</div> <div>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</div> <div>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</div> <div>4337-DR-FL FCO: Thomas J. McCool JFO: Orlando, FL</div> <div>4336-DR-PR 4339-DR-PR FCO: Justo Hernandez JFO: Guaynabo, PR MERS</div> <div>4335-DR-USVI 4340-DR-USVI FCO: Christopher Harnett JFO: St. Croix, USVI</div>
National ISBs (0 Teams)	Team A Team B Team C	Deployed Deployed Deployed			
US&R ($\geq 33\%$)	Assigned: Available: PMC / NMC: Deployed:	28 6 (+2) 8 (-1) 14 (1)			
MERS (33-65%)	Assigned: Available: PMC / NMC: Deployed:	36 21 0 15			
FCO (≤ 1 Type I)	Assigned: Available: PMC / NMC: Deployed:	33 13 2 18			
FDRC (≥ 3)	Assigned: Available: PMC / NMC: Deployed:	14 1 3 10			

As of 3:00 a.m. EDT Sep 20, 2018

* **B-2 Status:** Assemble ≤ 2 -hrs, On Site ≤ 18 -hrs; **B-48 Status:** Assemble and deploy ≤ 48 hrs; **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.**