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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

Monday, September 2, 2019

8:30 a.m. EDT

# National Current Operations & Monitoring



FEMA

## Significant Incidents or Threats:

- Hurricane Dorian

## Tropical Activity:

- Atlantic:
  - Hurricane Dorian
  - Disturbance 1: High (90%)
  - Disturbance 2: Medium (50%)
  - Disturbance 3: Medium (50%)
  - Disturbance 4: Low (30%)
- Eastern Pacific:
  - Tropical Storm Juliette
- Central Pacific: No new tropical cyclones expected during the next five days
- Western Pacific: No activity affecting U.S. interests

## Declaration Activity:

- Emergency Declaration Approved– South Carolina
- Emergency Declaration Approved - Georgia

# Hurricane Dorian

RIV

FL

GA



FEMA

## Situation

### *Projected Impacts:*

- Wind: hurricane conditions are expected within the hurricane warning area in Florida by late tonight or Tuesday
- Storm surge: Lantana to the mouth of St. Mary's River, FL 4-7 feet; north of Deerfield Beach to Lantana, FL 2-4 feet; the surge will be accompanied by large and destructive waves
- Rainfall accumulations: coastal Carolinas 5-10 inches, isolated 15 inches; Atlantic coast from the Florida peninsula through Georgia 2-4 inches, isolated 6 inches; may cause life-threatening flash floods
- Surf: large swells are affecting the Florida east coast and will spread northward along the southeastern U.S. coast during the next few days; likely to cause life-threatening surf and rip current conditions
- Tornadoes: a brief tornado is possible this afternoon into tonight along the immediate coast of east-central Florida

### *Watches/Warnings:*

- Storm Surge Warning from Lantana to the Volusia/Brevard County line
- Storm Surge Watch from north of Deerfield Beach to Lantana; Volusia/Brevard County line to mouth of St. Mary's River
- Hurricane Warning from Jupiter Inlet to the Volusia/Brevard County line
- Hurricane Watch from north of Deerfield Beach to Jupiter Inlet; Volusia/Brevard County line to mouth of St. Mary's River
- Tropical Storm Warning for north of Deerfield Beach to Jupiter Inlet
- Tropical Storm Watch for north of Golden Beach to Deerfield Beach and for Lake Okeechobee

Lifeline All lifelines remain GREEN

### *Safety and Security*

- FL evacuations: Mandatory 8 counties, voluntary 7 counties
- GA evacuations: Mandatory 6 counties
- SC evacuations: Mandatory 8 counties

### *Food, Water, Shelter*

- FL: 60 shelters open with 2,690 occupants; additional 24 shelters mobilized; anticipated 44k shelter population 72 hours post-landfall
- Seminole Tribe of Florida opened shelter on Fort Pierce Reservation
- GA: 12 of 13 set-up teams in place; anticipated 10k shelter population 72 hours post-landfall

### *Health and Medical*

- FL Medical evacuations: 1 hospital in progress; 5 nursing homes in progress, 1 completed; 5 health care facilities in progress, 3 completed; other medical 2 in progress, 2 completed
- GA: 2 DMATS staged in Brunswick

### *Energy*

- FL: retail fuel availability continues to improve as state expedites resupply shipments

### *Transportation*

- Airports:
  - FL: Vero Beach Regional, Palm Beach International closed; Ft. Lauderdale-Hollywood International and Orlando-Melbourne International closing this afternoon
  - FL: Miami International, Orlando International, and Tampa International at normal operations
- Ports: FL: Fort Pearce, Miami, Everglades, and Palm Beach closed
- Train: Amtrak temporarily suspends service in Florida; no alternate bus transportation provided

# Hurricane Dorian



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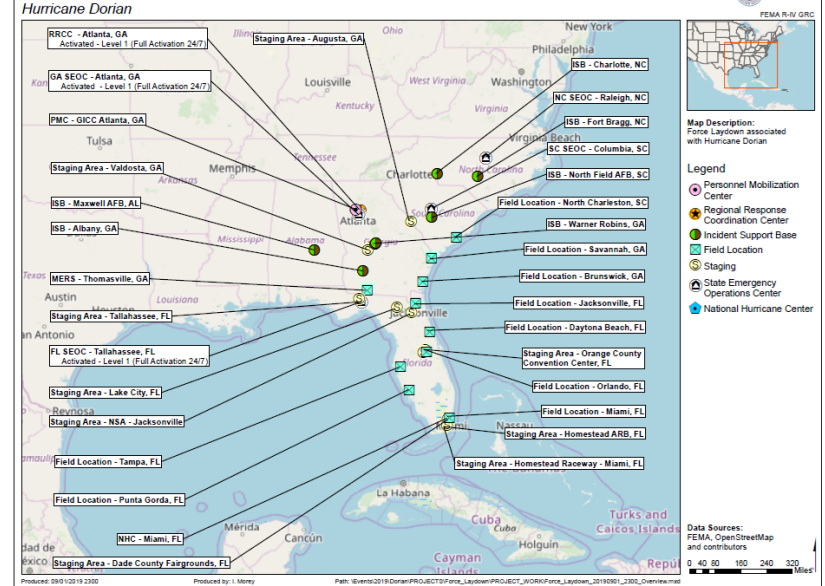
## Local Preparations/Response

- FL EOC at Full Activation; Governor declared a state of emergency
- Seminole Tribe of Florida: Full Activation
- GA EOC at Full Activation; Governor declared a state of emergency
- SC EOC at Full Activation; Governor declared a state of emergency
- NC EOC at Full Activation
- TN EOC at Monitoring
- VA EOC at Monitoring

## Federal Preparations/Response

- FEMA-3419-EM-FL approved August 30
- FEMA-3420-EM-STOF approved August 31
- FEMA-3421-EM-SC approved September 1
- FEMA-3422-EM-GA approved September 1
- NRCC at Level I, 24/7 with all LNOs and all ESFs
- Region IV RRCC at Level I, 24/7
- Region III RWC at Enhanced Watch, 24/7
- IMAT Teams deployed:
  - National IMAT East deployed to FL
  - Region IV IMAT-1 to FL
  - Region IV IMAT-2 to GA
  - Region VII IMAT to SC
  - Region VIII IMAT to Region IV HQ
- Region IV LNOs deployed to FL, GA, Seminole Tribe of Florida and NC
- ISB Teams deployed to AL, GA, NC and SC
- US&R teams: Red IST deployed to Orlando, FL; 8 NIMS Type 1 Task Forces, 4 NIMS Type 3 Task Forces, 4 Mission-Ready Packages–Water Rescue, and 1 HEPP activated

## Force Laydown: Overview - as of 09/01/2019 2300



# Declaration Approval



**Declaration:** Emergency Declaration – South Carolina

**Requested:** Aug 31

**Approved:** Sep 1

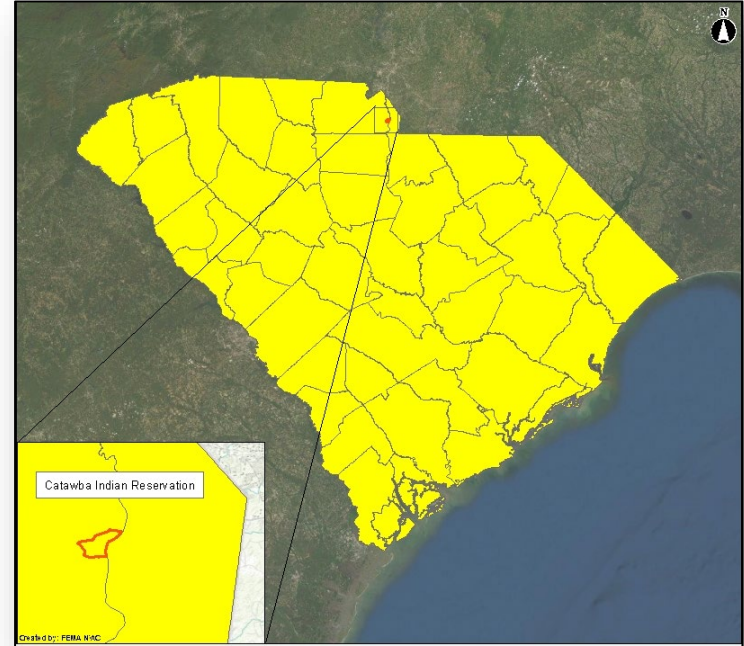
**Incident:** Hurricane Dorian

**Incident Period:** Aug 31 and continuing

**Includes:**

- PA: emergency protective measures (Category B), limited direct federal assistance for all counties and the Catawba Indian Nation

**FCO:** Allan Jarvis



■ PA

# Declaration Approval



**Declaration:** Emergency Declaration – Georgia  
**Requested:** Sep 1

**Incident:** Hurricane Dorian

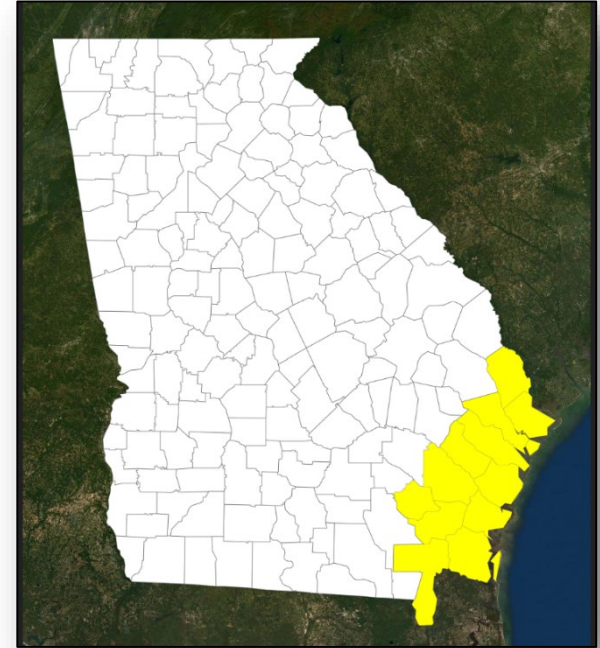
**Incident Period:** Aug 31 and continuing

**Approved:** Sep 1

**Includes:**

- PA: emergency protective measures (Category B), limited to direct federal assistance for 12 counties

**FCO:** Manny J. Toro



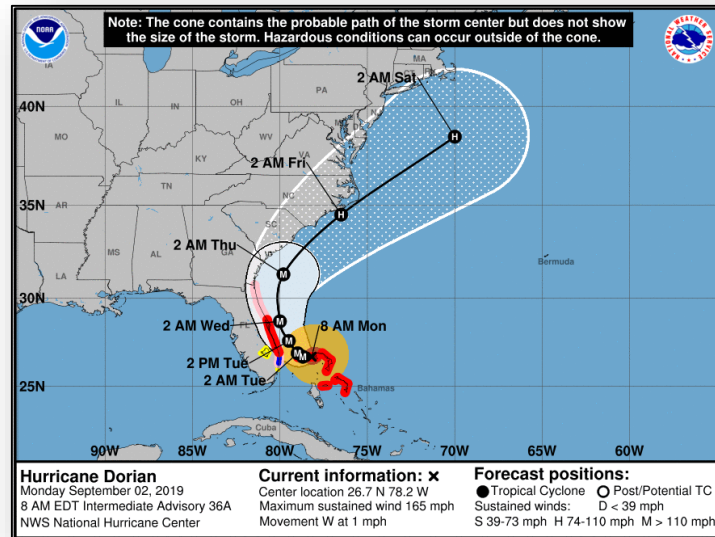
■ PA

# Tropical Outlook – Atlantic



## Hurricane Dorian (CAT 5) *(Advisory #36A as of 8:00 a.m. EDT)*

- 120 miles east of West Palm Beach, FL
- Moving west at 1 mph
- Maximum sustained winds 165 mph
- Will move dangerously closer to the Florida east coast late tonight through Wednesday evening
- Expected to remain a powerful hurricane during the next couple of days
- Hurricane-force winds extend 45 miles and tropical-storm-force winds extend 140 miles



Current Disturbances & 5 Day Cyclone Formation: ✘ < 40% | ✘ 40-60% | ✘ > 60%  
 Tropical / Sub-Tropical Cyclone: ○ Depression | ● Storm | ● Hurricane | ● Post-Tropical Cyclone / Remnants

Potential track area: Day 1-3 Day 4-5  
 Watches: Hurricane Trop Stm  
 Warnings: Hurricane Trop Stm  
 Current wind extent: Hurricane Trop Stm



# Tropical Outlook – Atlantic



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

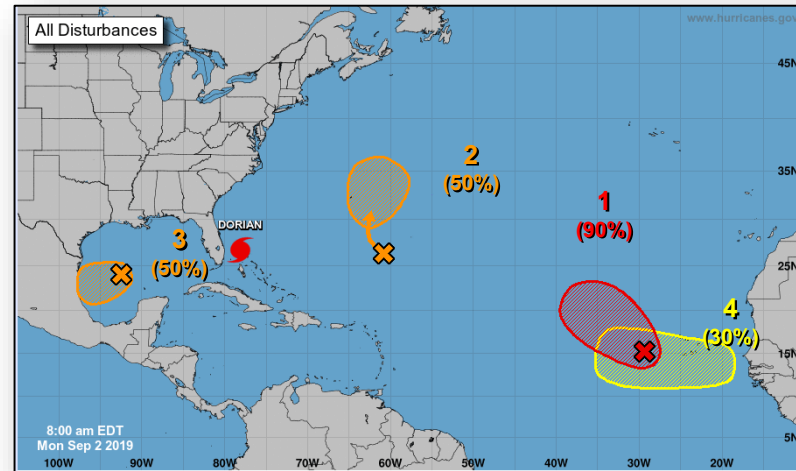
- 300 miles W of Cabo Verde Islands
- Moving NW across eastern tropical Atlantic Ocean
- Tropical depression is expected to form during **the next day or so**
- Formation chance through 48 hours: **High (80%)**
- Formation chance through 5 days: **High (90%)**

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

- Located over south-central Gulf of Mexico
- Moving slowly W
- Formation chance through 48 hours: **Medium (40%)**
- Formation chance through 5 days: **Medium (50%)**

## Disturbance 3 (as of 8:00 a.m. EDT)

- Located several hundred miles SSE of Bermuda
- Moving slowly N or NNW
- Formation chance through 48 hours: **Low (30%)**
- Formation chance through 5 days: **Medium (50%)**



## Disturbance 4 (as of 8:00 a.m. EDT)

- Forecast to emerge over far eastern tropical Atlantic
- Formation chance through 48 hours: **Low (near 0%)**
- Formation chance through 5 days: **Low (30%)**

Current Disturbances & 5 Day Cyclone Formation: < 40% | 40-60% | > 60%  
Tropical / Sub-Tropical Cyclone: Depression | Storm | Hurricane | Post-Tropical Cyclone / Remnants

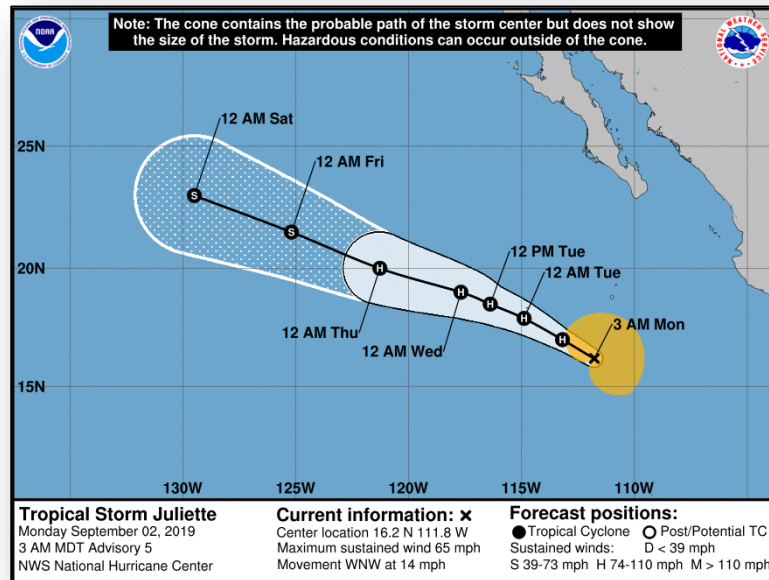
Potential track area: Day 1-3 | Day 4-5 | Watches: Hurricane | Trop Stm | Warnings: Hurricane | Trop Stm | Current wind extent: Hurricane | Trop Stm

# Tropical Outlook – Eastern Pacific



## Tropical Storm Juliette *(Advisory #5 as of 5:00 a.m. EDT)*

- 480 miles SSW of southern tip of Baja California, Mexico
- Moving WNW at 14 mph
- Maximum sustained winds 65 mph
- Tropical-storm-force winds extend 150 miles
- Expected to become a hurricane later today



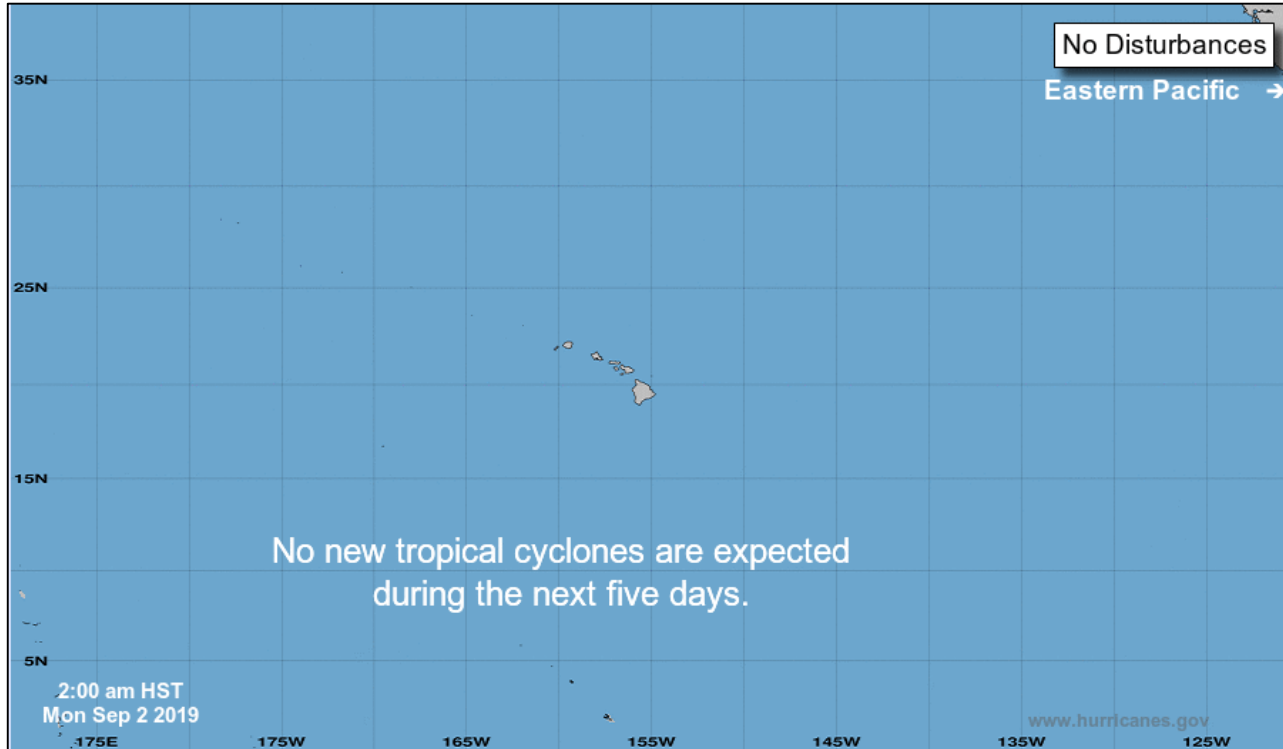
Current Disturbances & 5 Day Cyclone Formation: ✘ < 40% | ✘ 40-60% | ✘ > 60%  
 Tropical / Sub-Tropical Cyclone: ○ Depression | ● Storm | ● Hurricane | ● Post-Tropical Cyclone / Remnants

Potential track area: Day 1-3 Day 4-5  
 Watches: Hurricane Trop Stm  
 Warnings: Hurricane Trop Stm  
 Current wind extent: Hurricane Trop Stm

# Tropical Outlook – Central Pacific



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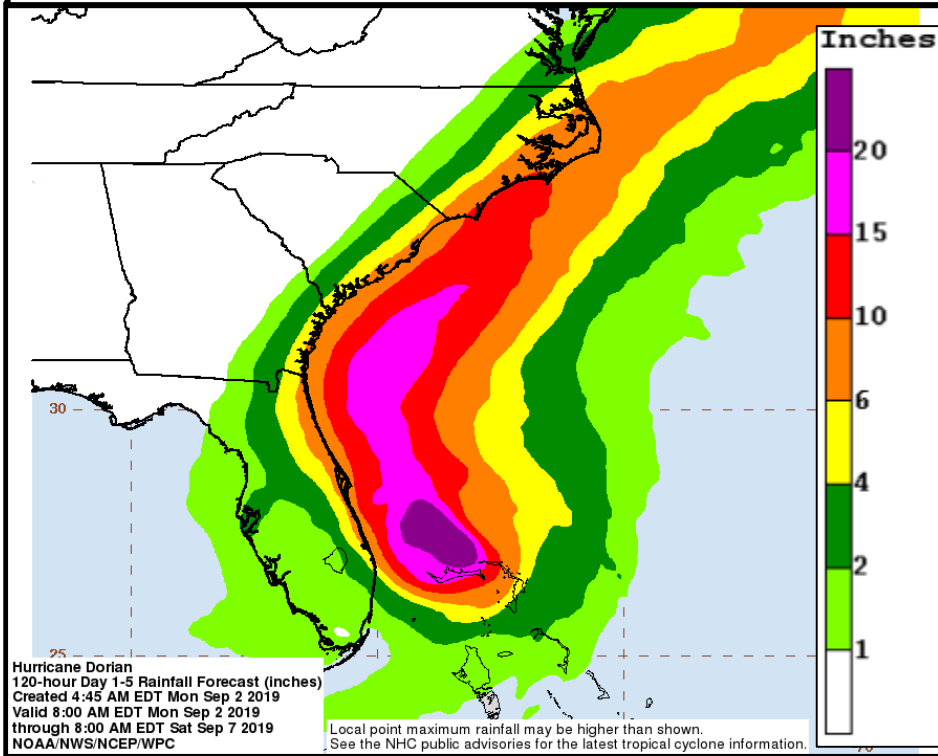
# NWS Weather Prediction Center

Update #1, 7:00 am EDT, Monday, September 2, 2019

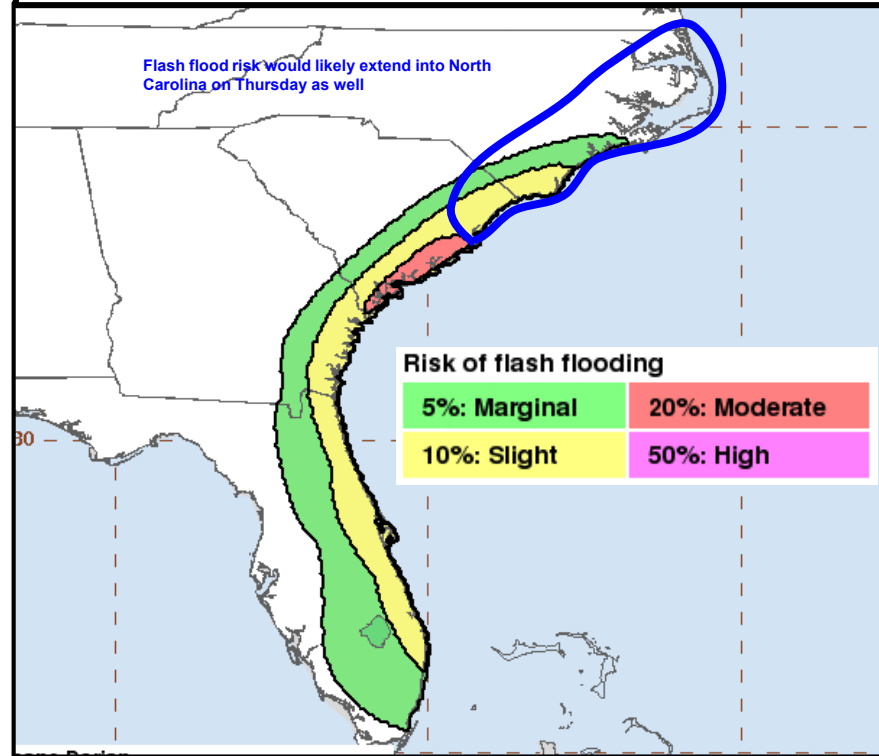


# FEMA

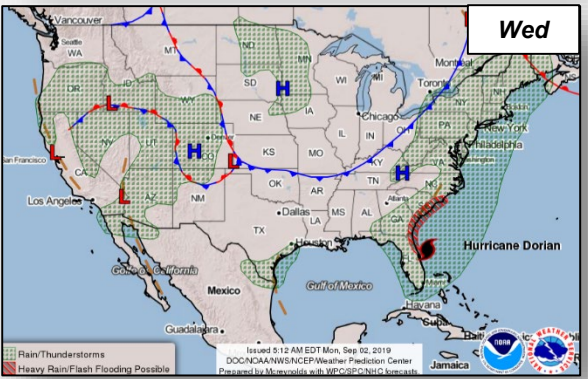
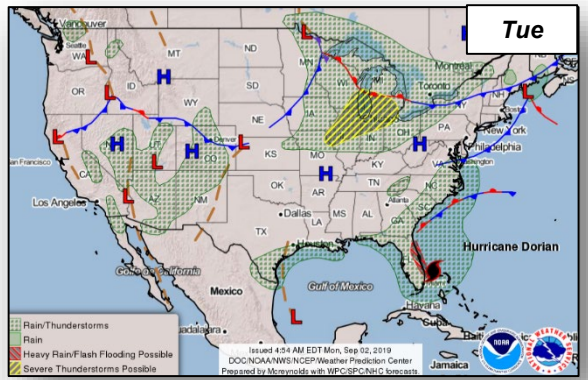
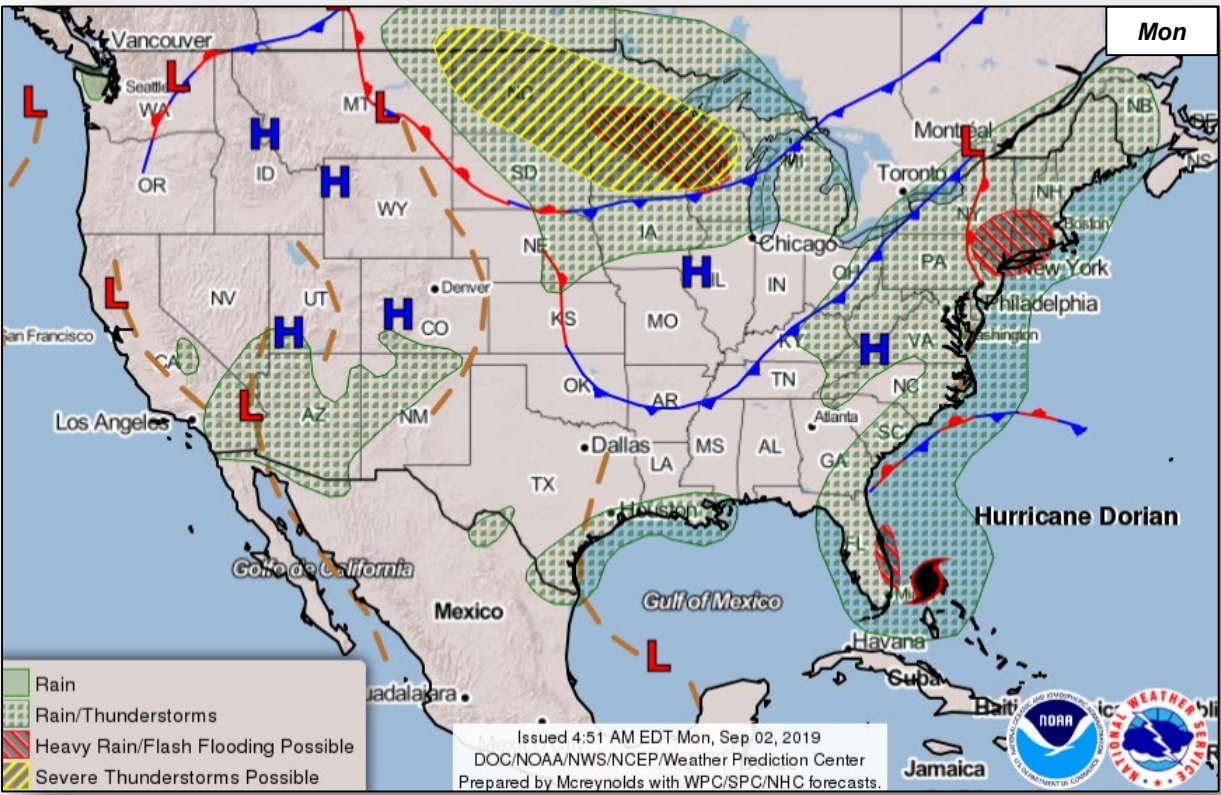
## 5-Day Rainfall Forecast Through Early Saturday, Sept. 7



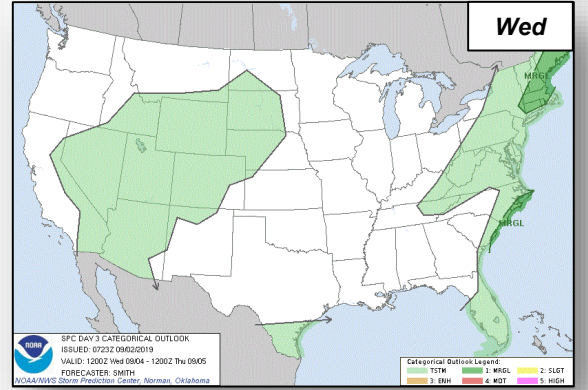
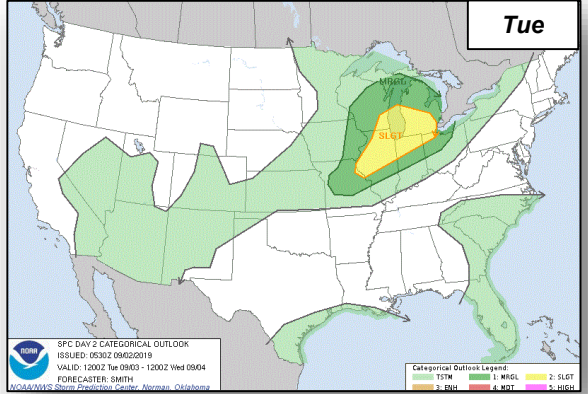
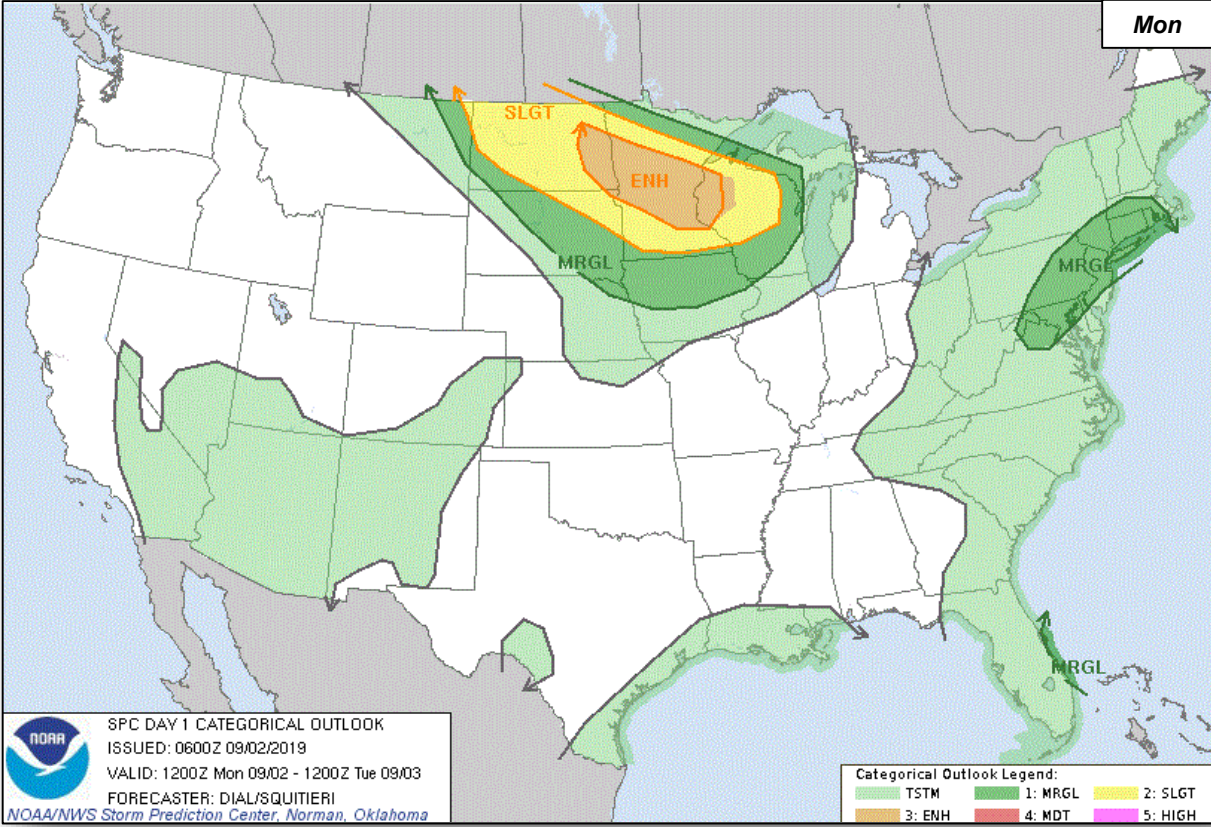
## Flash Flooding Risk through Wednesday Night



# National Weather Forecast



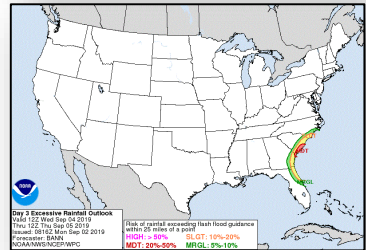
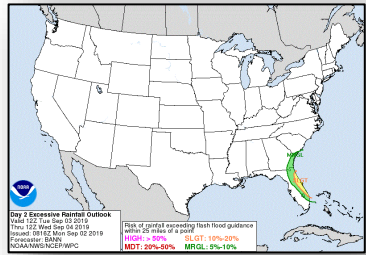
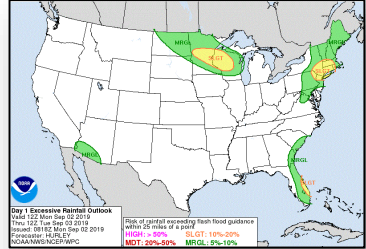
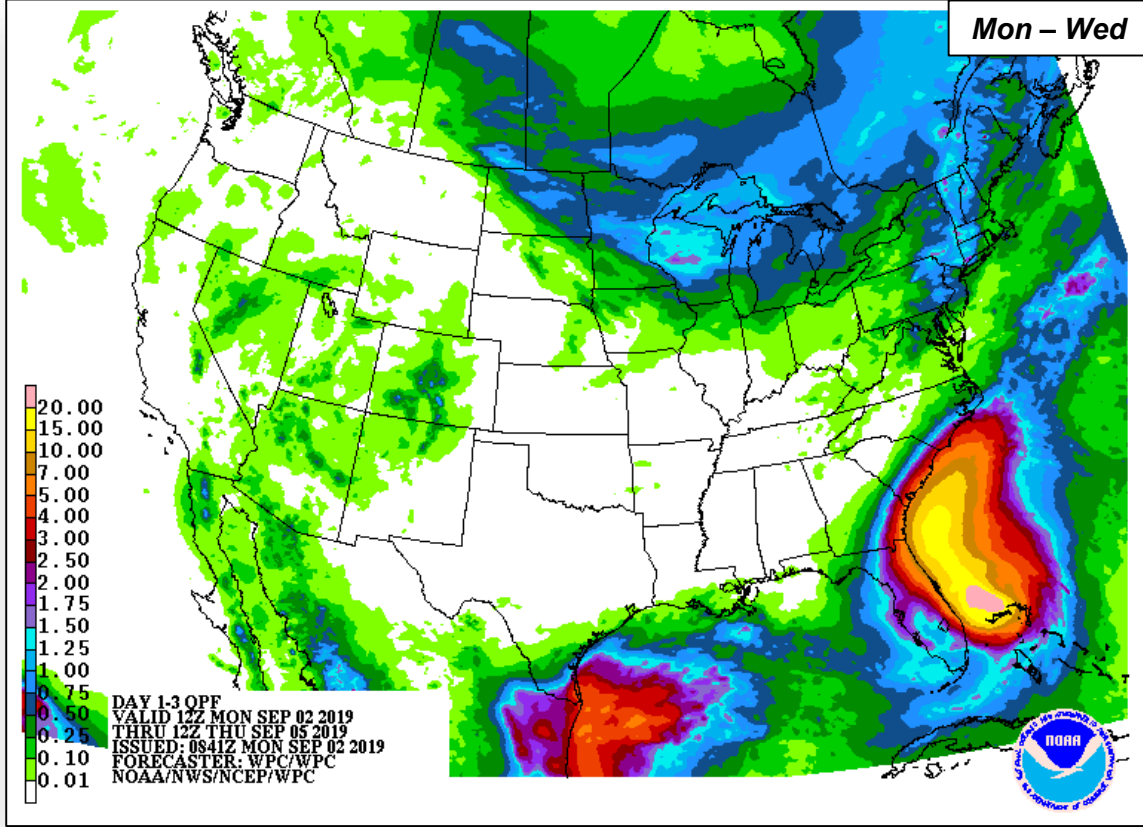
# Severe Weather Outlook



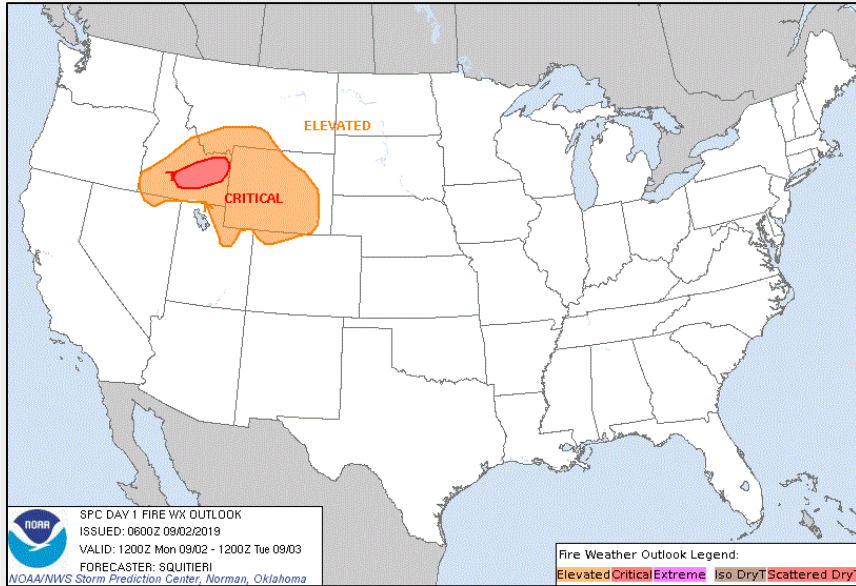
# Precipitation Forecast



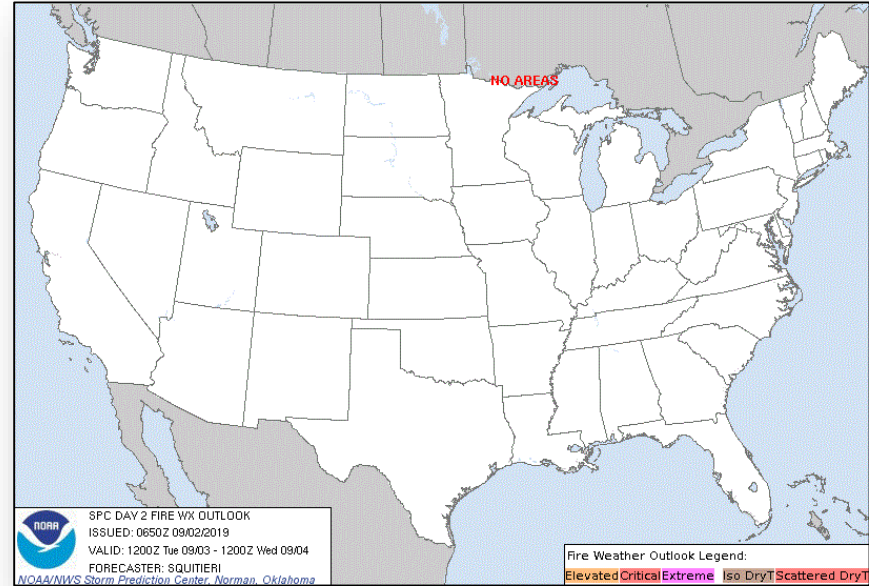
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# Fire Weather Outlook



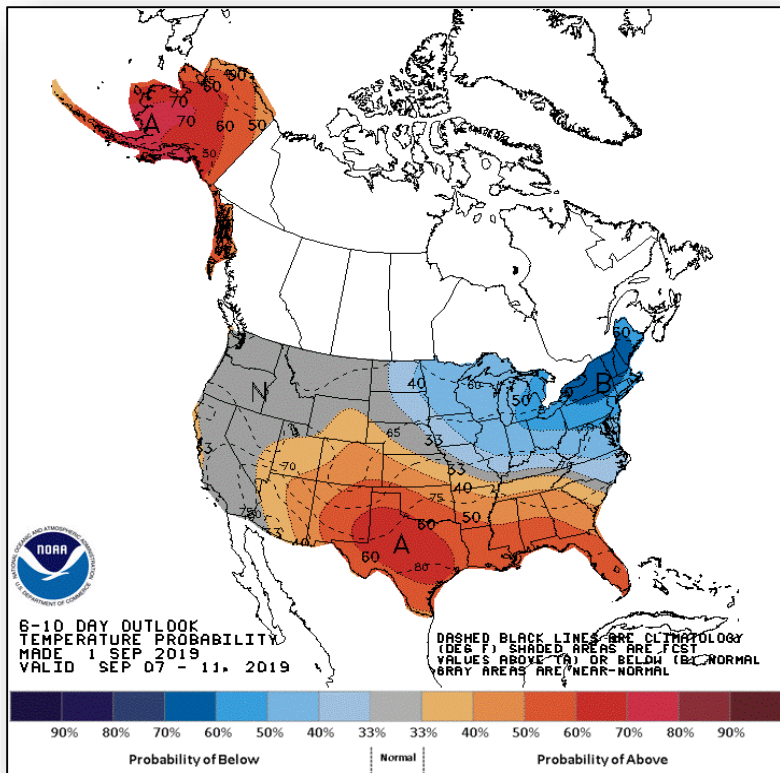
**Today**



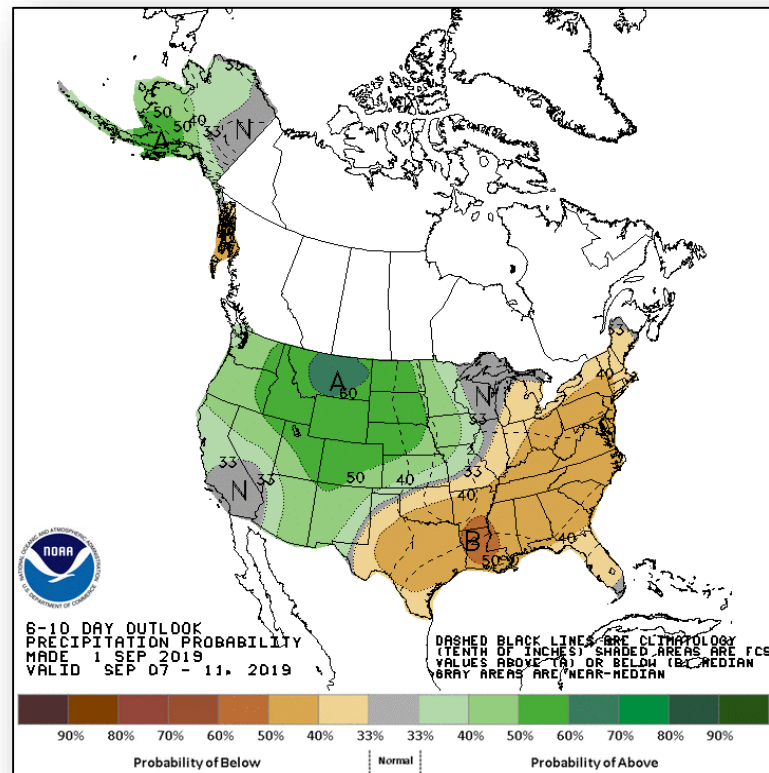
**Tomorrow**



# Long Range Outlooks – Sep 7-11



**6-10 Day Temperature Probability**



**6-10 Day Precipitation Probability**

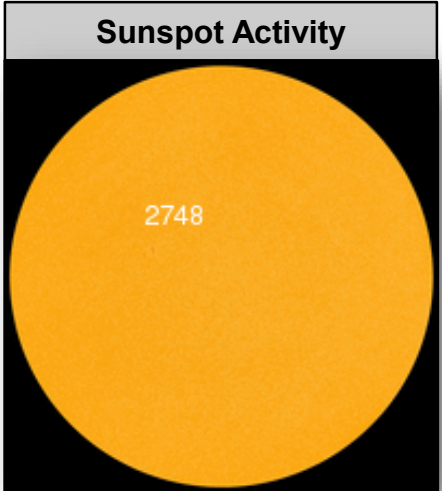
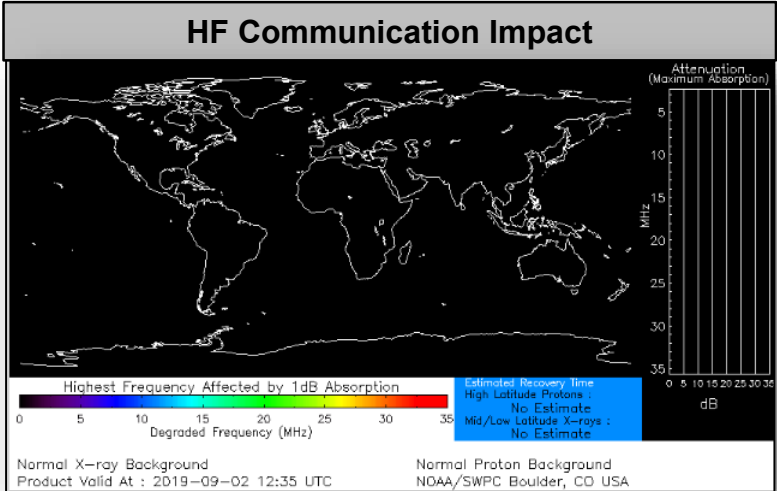
# Space Weather



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	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	Moderate	G2	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>



# Declaration Requests in Process – 6



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State / Tribe / Territory – Incident Description	Type	IA	PA	HM	Requested
LA – Flooding	DR		X	X	Aug 15
AR – Severe Storms and Flooding	DR		X	X	Aug 15
SD (+2 Tribes*) – Severe Storms, Tornadoes, and Flooding	DR		X	X	Aug 19
MI – Severe Storms and Flooding (Appeal)	DR	X		X	Aug 26
SD (+2 Tribes**) – Severe Winter Storms and Flooding	DR		X	X	Aug 28
IL – Severe storms and Flooding	DR	X	X		Aug 28
SC (+1 Tribe ***) – Hurricane Dorian – APPROVED ( Sep 1)	EM		X		Aug 31
GA – Hurricane Dorian – APPROVED (Sep 1)	EM		X		Sep 1

\*Cheyenne River Reservation and the Lower Brule Indian Reservation

\*\* Cheyenne River Reservation and the Rosebud Indian Reservation

\*\*\* Catawba Indian Nation

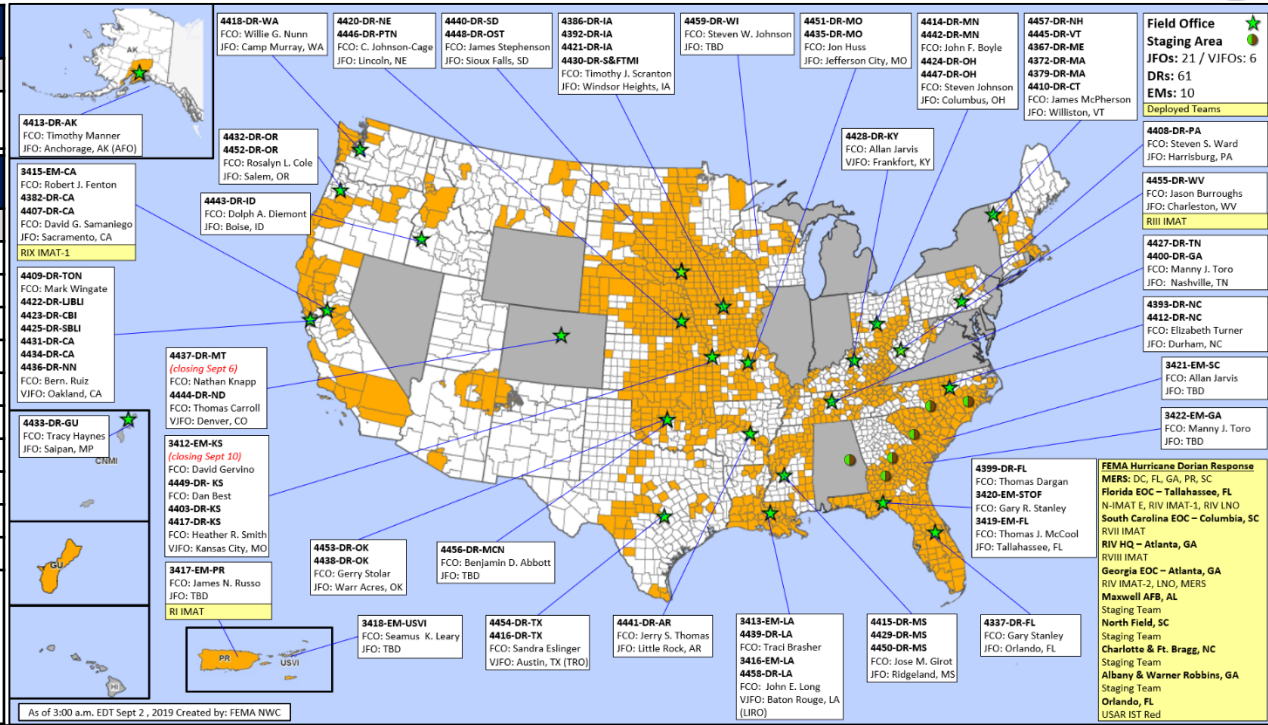


# FEMA Common Operating Picture

FEMA HQ	
NWC	NRCC
Monitoring	Level I

FEMA REGIONS		
WATCH	RRCC	
Monitoring	I	Rostered
Monitoring	II	Rostered
Enhanced	III	Rostered
Monitoring	IV	Level I
Monitoring	V	Rostered
Monitoring	VI	Rostered
Monitoring	VII	Rostered
Monitoring	VIII	Rostered
Monitoring	IX	Rostered
Monitoring	X	Rostered

**Activation Details**  
 Region IV RRCC, 24/7  
 Region III RWC at Enhanced Watch, 24/7



N-IMATs	
2 Teams	
E	FL
W	
C	

R-IMATs	
≤ 3 Teams	
I	PR
II	
III	WV
IV-1	FL
IV-2	GA
V	
VI-1	
VI-2	
VII	SC
VIII	GA
IX-1	CA
IX-2	
X	

	FMC	PMC
	NMC	Deployed

Team:	US&R	MERS	FCOs	FDRCs	IM WORKFORCE
Status	(>36%)	(>66%)	(≤1 Type 1)	(≥3)	
Assigned:	28	36	38	12	13,746 (NC)
Unavailable:	2	0	2	1	3,963 ▼
Deployed:	16	11	29 (-1)	8	6,880 ▲
Available:	10	25	7 (+1)	3	2,903/ 21% ▼

IM CADRE AVAILABILITY SUMMARY	
Cadres with 25% or Less Availability	
EA 25% (122/484); EHP 9% (51/560); ER 17% (12/71); FL 13% (20/154); FM 24% (67/285); HM 22% (269/1,201); HR 20% (44/224); IT 8% (54/655); LOG 14% (191/1,339); OPS 13% (37/283); PA 11% (295/2,647); PLAN 8% (33/407); SAF 10% (6/61); SEC 18% (23/125)	



# FEMA

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