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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

Sunday, September 1, 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 (70%)
 - Disturbance 2: Low (30%)
 - Disturbance 3: Low (20%)
- 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 Approval – Seminole Tribe of Florida

Hurricane Dorian



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Situation

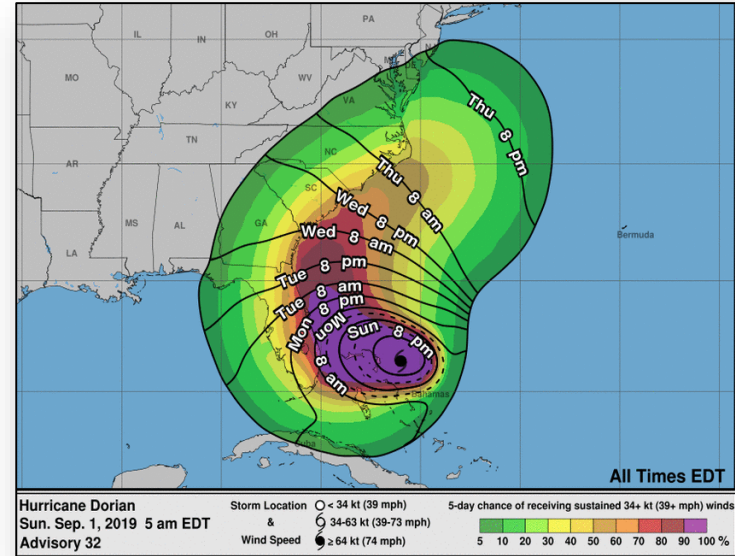
- Dorian is a dangerous **Category 5** hurricane, capable of causing life threatening storm surge, extensive wind damage, and heavy rain from FL through eastern GA and coastal SC and NC
- Although the exact NHC track forecast lies east of the Florida peninsula, a track closer to the coast or even a landfall remains a possibility late Monday through Tuesday night

Potential Impacts – Southeastern U.S.

- Heavy rainfall and life-threatening flash floods possible across coastal sections of the Southeast
 - Coastal Carolinas: 5-10 inches, isolated 15 inches
 - Atlantic coast from the FL Peninsula through GA: 2-4 inches, isolated 6 inches
- Surf: Large swells will affect the southeastern U.S. coast during the next few days; likely to cause life-threatening surf and rip current conditions

Local Preparations/Response

- FL EOC: Full Activation
 - Governor declared a state of emergency; National Guard fully activated
 - Mandatory evacuation delayed until September 2 for Brevard and Martin counties
 - Voluntary evacuations for Glades, Hendry, Martin, Palm Beach, Osceola, and St. Lucie counties
 - Airports:
 - FL airports closed to commercial flights only: Vero Beach and Daytona Beach
 - Orlando-Melbourne International Airport will close at 6:00 p.m. September 2
 - Ports: Miami, Key West, and Port Canaveral open with restrictions; all other ports open
- Seminole Tribe of Florida EOC: Partial Activation; Tribal Chief declared state of emergency
- GA EOC: Full Activation: Governor declared a state of emergency
- SC EOC: Partial Activation; Governor declared a state of emergency

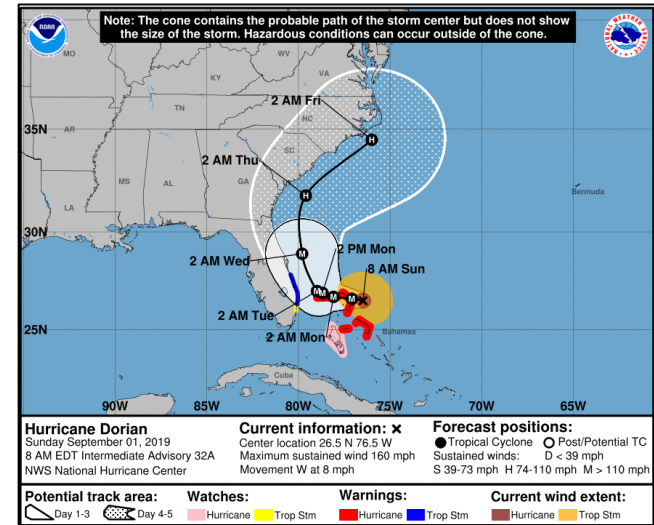


Hurricane Dorian



Federal Preparations/Response

- Emergency Declaration FEMA-3420-EM-Seminole Tribe of Florida approved Aug 31, 2019
- Emergency Declaration FEMA-3419-EM-FL approved Aug 30, 2019
- NRCC: Level I, 24/7 with all LNOs and all ESFs
- Region IV RRCC: Level I, 24/7
- Region IV LNOs deployed to FL, GA and Seminole Tribe of Florida
 - Region IV DCE Emergency Preparedness LNOs deployed to FL EOC, RIV RRCC, Homestead ARB, North Auxiliary Field, Warner Robins AFB, and Maxwell AFB
- **Region III RWC: will go to Enhanced Watch at 8:00 a.m. EDT, Sep 2**
- IMAT Teams deployed:
 - National IMAT E deployed to FL EOC
 - Region IV IMAT-1 to FL EOC; Region IV IMAT-2 to GA EOC
 - **Region VII IMAT redeployed from Region IV RRCC to SC EOC**
 - Region VIII IMAT deployed to Region IV RRCC
- ISB Teams: Logistics staging teams deployed to AL, GA, NC, and SC
- US&R:
 - Red IST: Relocating to Orlando, FL
 - 12 Task Forces, 4 Mission-Ready Packages – Water Rescue, and 1 HEPP activated



Declaration Approval



Declaration: FEMA-3420-EM-Seminole Tribe of Florida
Requested: Aug 30

Approved: Aug 31

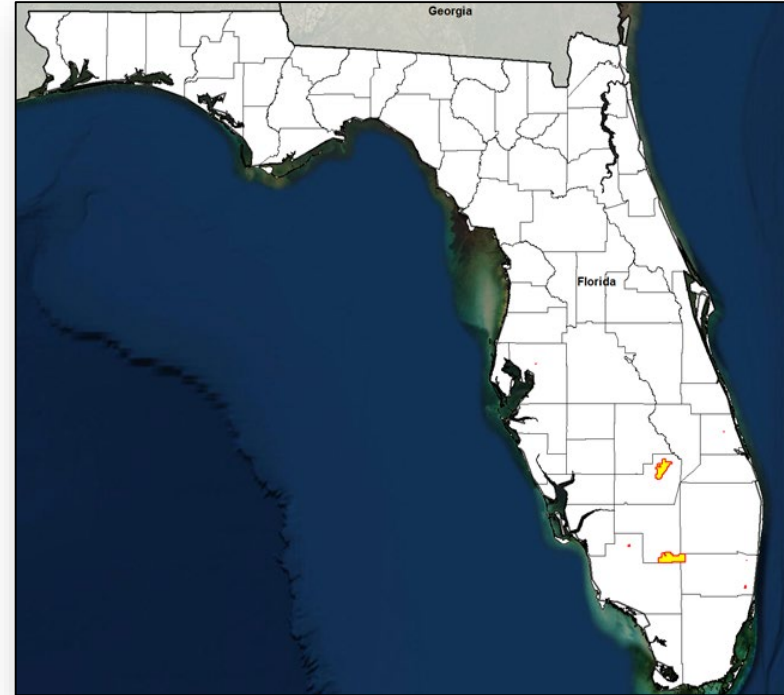
Incident: Hurricane Dorian

Incident Period: August 28, 2019 and continuing

Includes:

- **PA:** Emergency protective measures (Category B), limited to direct federal assistance for the Seminole Tribe of Florida

FCO: Gary R. Stanley



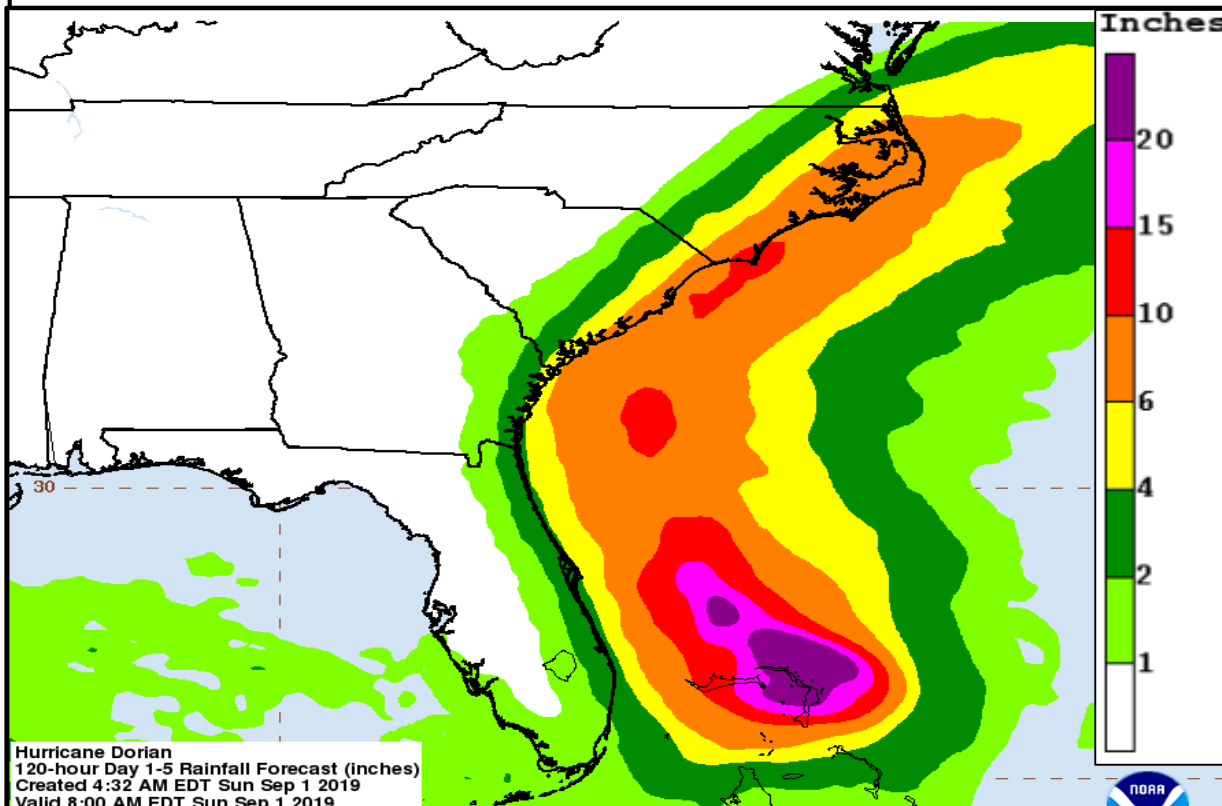
NWS Weather Prediction Center

Update #2, 5:00 am EDT Sunday, Sep 1, 2019



FEMA

5-Day Rainfall Forecast Through Early Friday, Sep. 6, 2019



Hurricane Dorian
120-hour Day 1-5 Rainfall Forecast (Inches)
Created 4:32 AM EDT Sun Sep 1 2019
Valid 8:00 AM EDT Sun Sep 1 2019
through 8:00 AM EDT Fri Sep 6 2019
NOAA/NWS/NCEP/WPC

Local point maximum rainfall may be higher than shown.
See the NHC public advisories for the latest tropical cyclone information.



Heavy rain and flooding threat in the U.S. greatly depends on proximity of Dorian's center to land

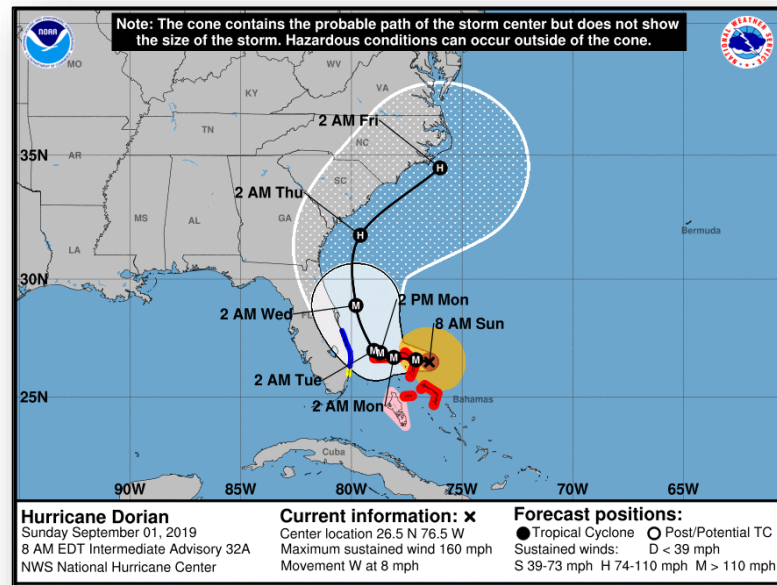
Higher chances for heavy rainfall in coastal sections of the Carolinas in the mid-late week time frame

Tropical Outlook – Atlantic



Hurricane Dorian (CAT 5) *(Advisory #32A as of 8:00 a.m. EDT)*

- 255 miles E of West Palm Beach, FL
- Moving W at 8 mph
- Maximum sustained winds 160 mph
- Should move closer to the FL east coast late Monday through Tuesday night
- Expected to remain a powerful hurricane during the next few days
- Hurricane force winds extend 30 miles; tropical-storm-force winds extend 105 miles
- Tropical Storm Warning for north of Deerfield Beach to Sebastian Inlet
- Tropical Storm Watch for north of Golden Beach to Deerfield Beach



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)*

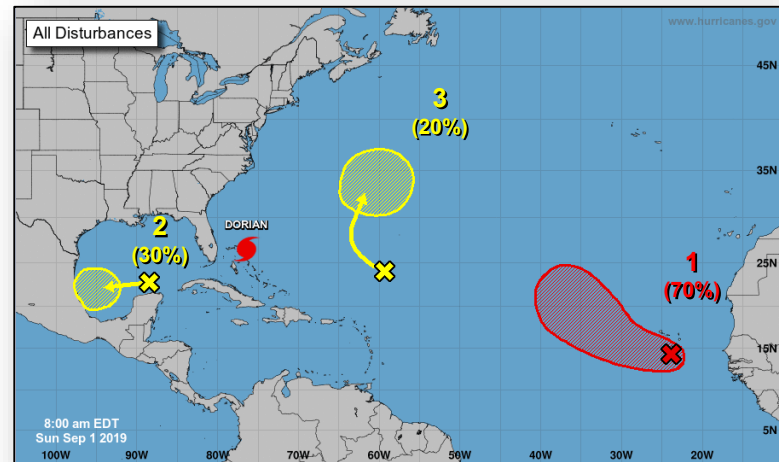
- Located just south of Cabo Verde Islands
- Moving NW across eastern tropical Atlantic Ocean
- Tropical depression likely to form by the middle of the week
- Formation chance through 48 hours: Medium (50%)
- Formation chance through 5 days: High (70%)

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

- Located over south-central Gulf of Mexico
- Moving slowly W
- Formation chance through 48 hours: Low (20%)
- Formation chance through 5 days: Low (30%)

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 (near 0%)
- Formation chance through 5 days: Low (20%)



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

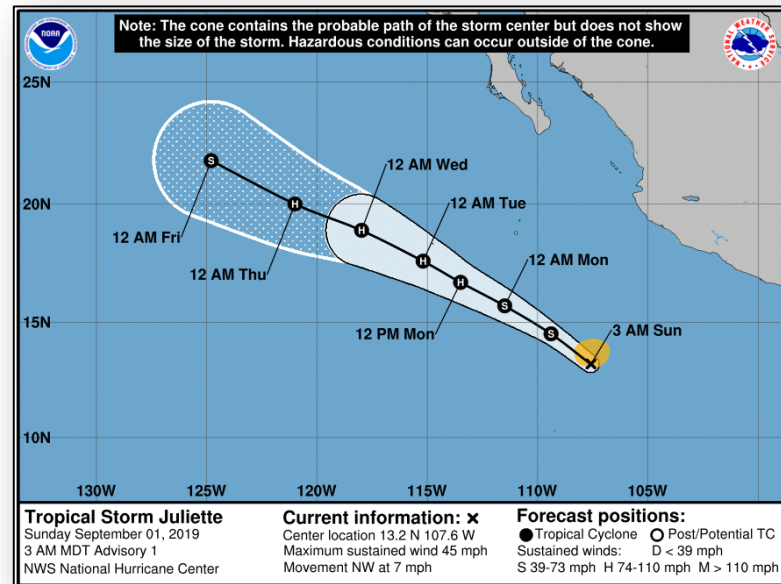
Potential track area: Day 1-3 | Day 4-5 | Watches: Hurricane | Trop Stm | Warnings: Hurricane | Trop Stm | Current wind extent: Hurricane | Trop Stm

Tropical Outlook – Eastern Pacific



Tropical Storm Juliette *(Advisory #1 as of 5:00 a.m. EDT)*

- 455 miles SSW of Manzanillo, Mexico
- Moving NW at 7 mph
- Maximum sustained winds 45 mph
- Tropical-storm-force winds extend 80 miles
- Expected to become a hurricane on Monday



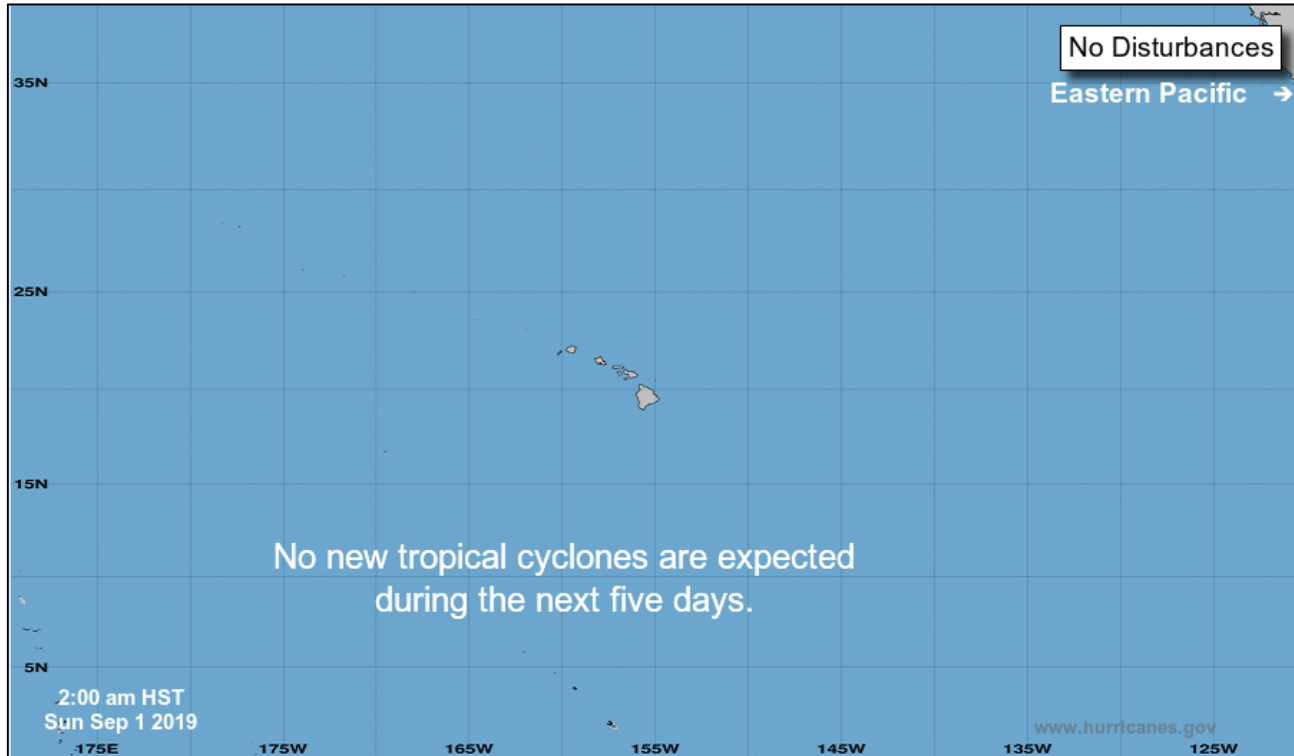
Current Disturbances & 5 Day Cyclone Formation: ✘ < 40% | ✘ 40-60% | ✘ > 60%
 Tropical / Sub-Tropical Cyclone: ○ Depression | ● Storm | ● Hurricane | ⊗ Post-Tropical Cyclone / Remnants

Potential track area: Day 1-3 (dotted) | Day 4-5 (stippled)
 Watches: Hurricane (pink) | Trop Stm (yellow)
 Warnings: Hurricane (red) | Trop Stm (blue)
 Current wind extent: Hurricane (brown) | Trop Stm (orange)

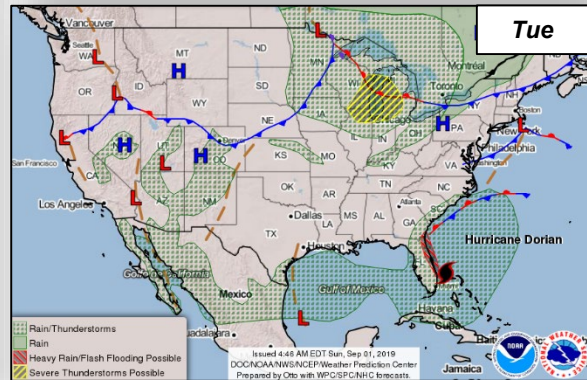
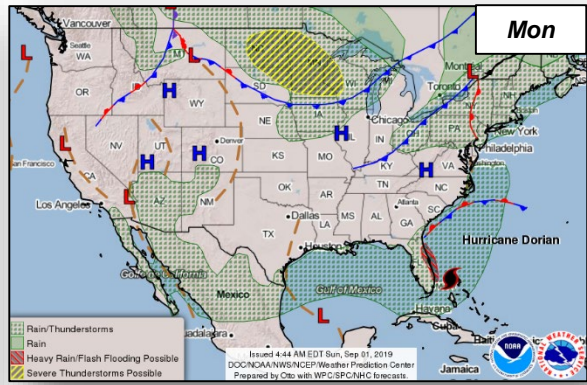
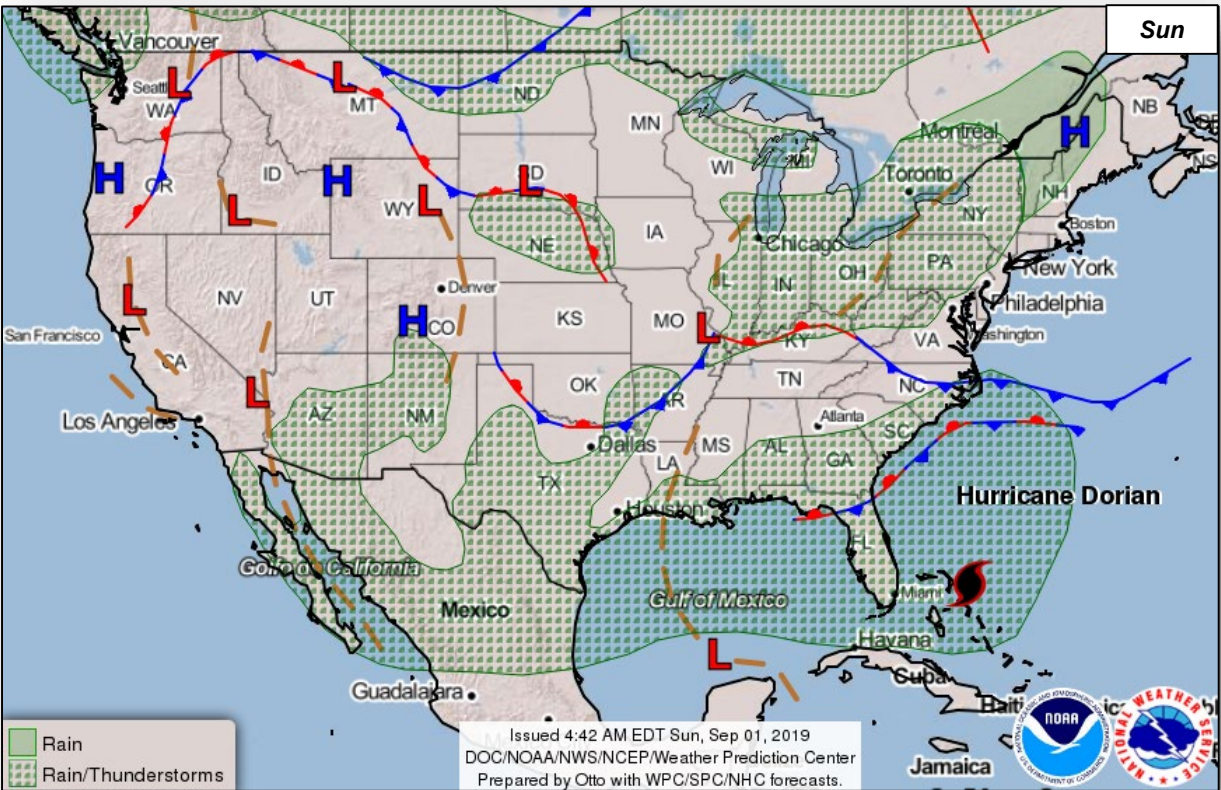
Tropical Outlook – Central Pacific



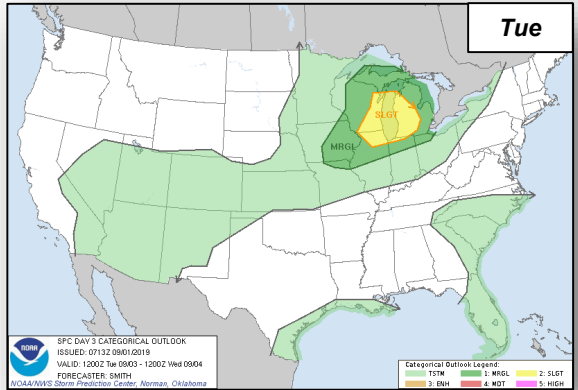
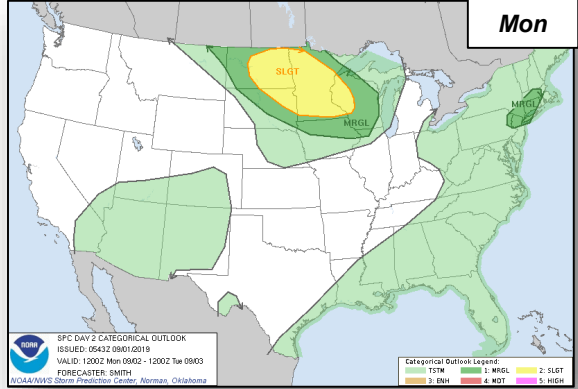
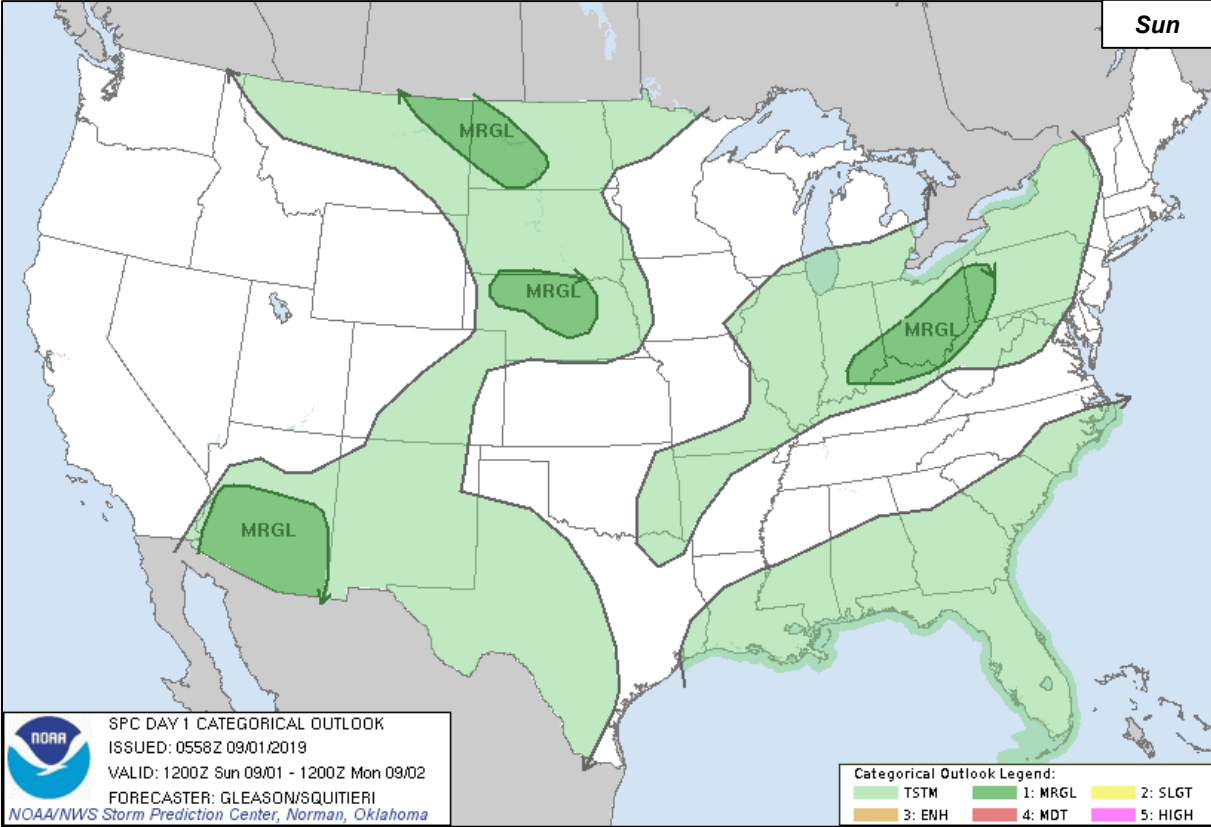
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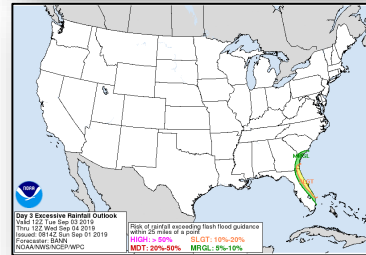
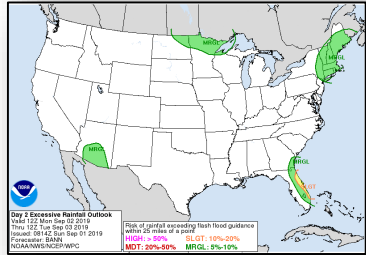
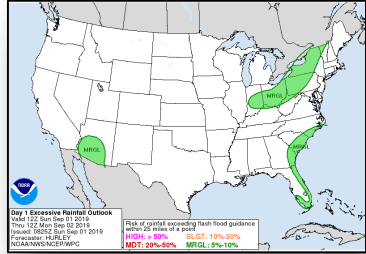
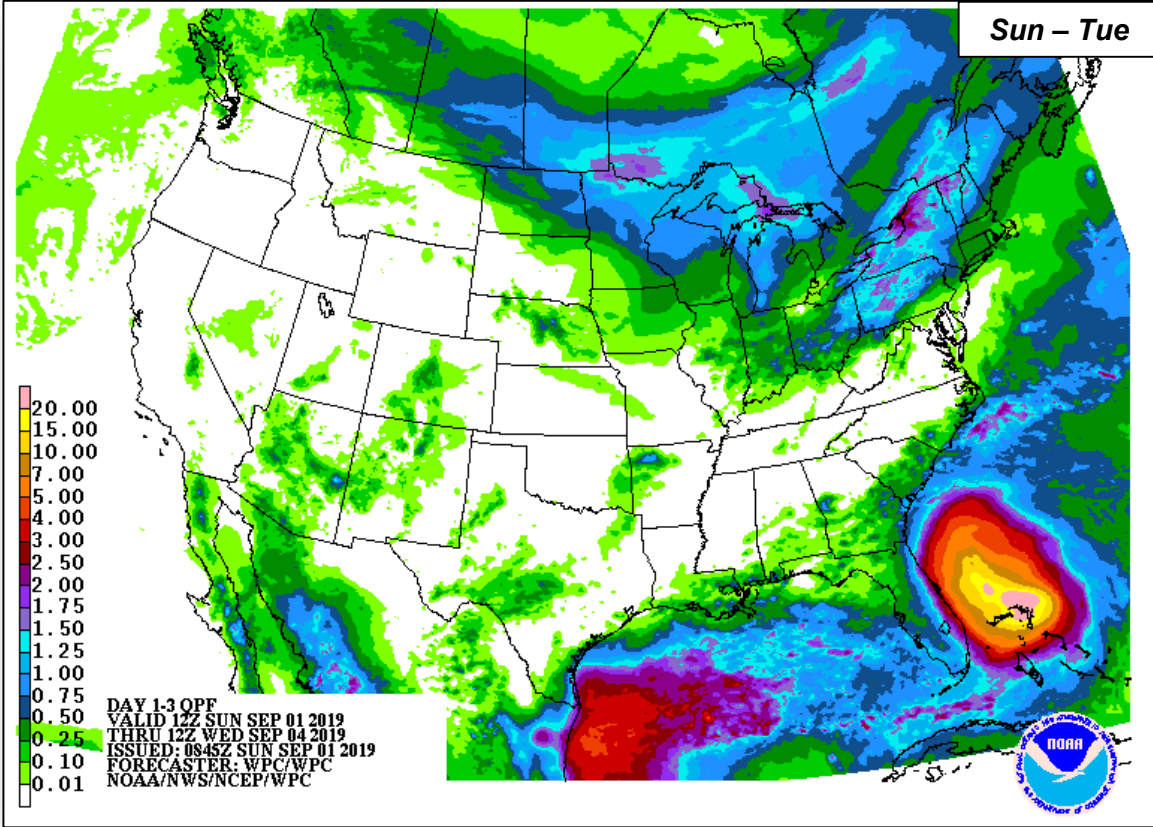
National Weather Forecast



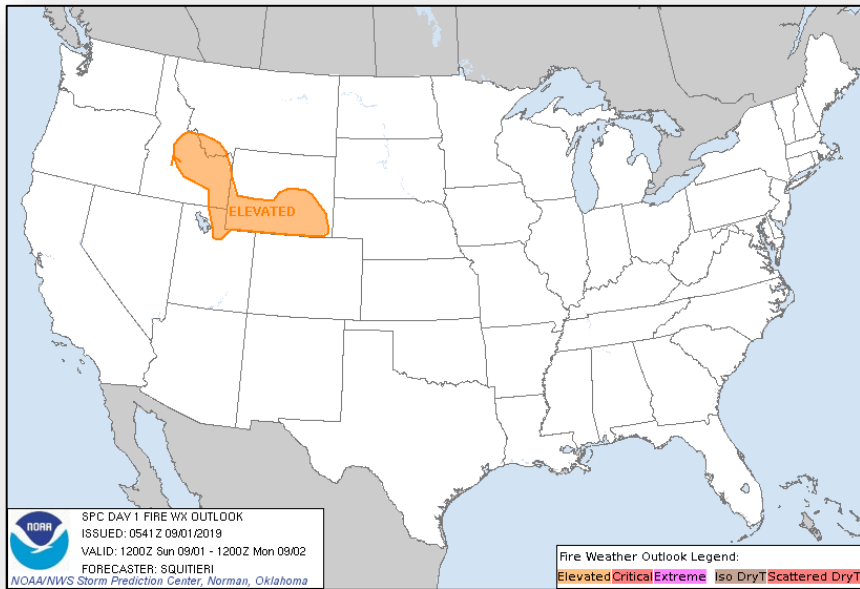
Severe Weather Outlook



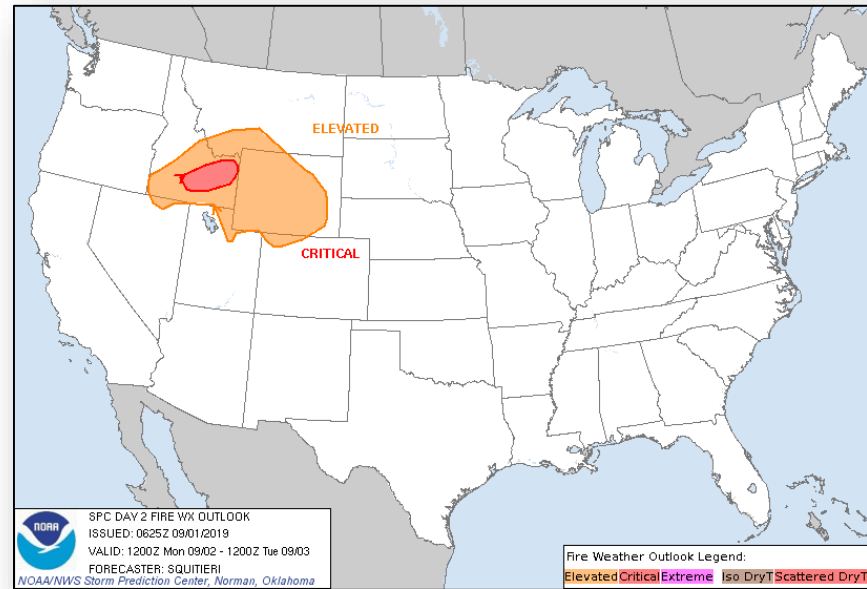
Precipitation Forecast



Fire Weather Outlook

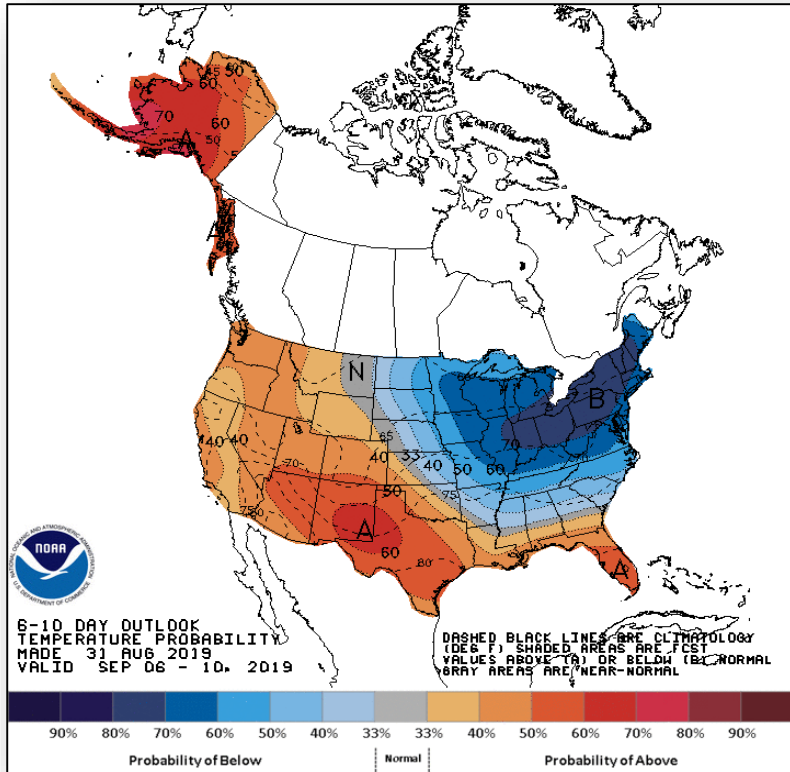


Today

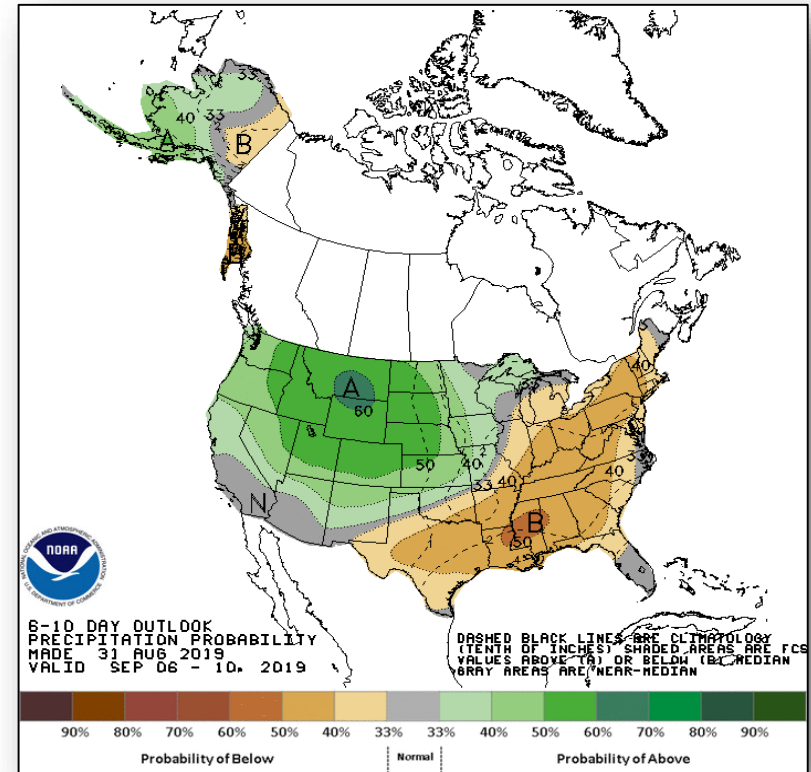


Tomorrow

Long Range Outlooks – Sep 6-10



6-10 Day Temperature Probability



6-10 Day Precipitation Probability

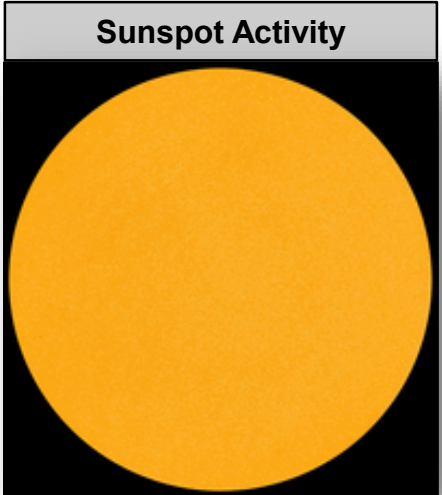
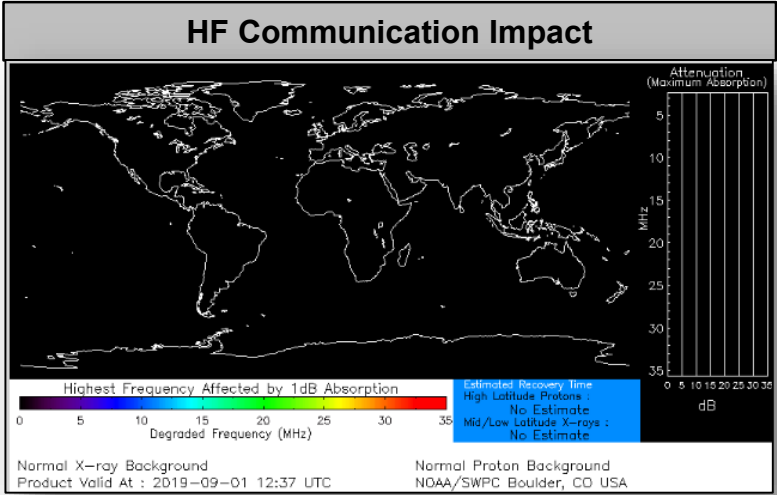
Space Weather



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	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	Moderate	G2	None	None
Next 24 Hours	Moderate	G2	None	None

For further information on NOAA Space Weather Scales refer to: <http://www.swpc.noaa.gov/noaa-scales-explanation>



Wildfire Summary



Fire Name (County, ST)	FMAG #	Acres Burned	Percent Contained	Evacuations (Residents)	Structures			Fatalities Injuries
					Threatened	Damaged	Destroyed	
Gun Range Fire – <i>FINAL</i> (Davis County, UT)	XXXX	321 (-44)	80% (+80%)	Lifted	0 (-200)	3 (+1)	2	0 / 3 (+3)

Evacuations: M=Mandatory / V=Voluntary
Structures: H=Homes / O=Other

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
FL – Seminole Tribe of Florida (Approved Aug 31)	EM		X		Aug 30

*Cheyenne River Reservation and the Lower Brule Indian Reservation

** Cheyenne River Reservation and the Rosebud Indian Reservation

FEMA Common Operating Picture

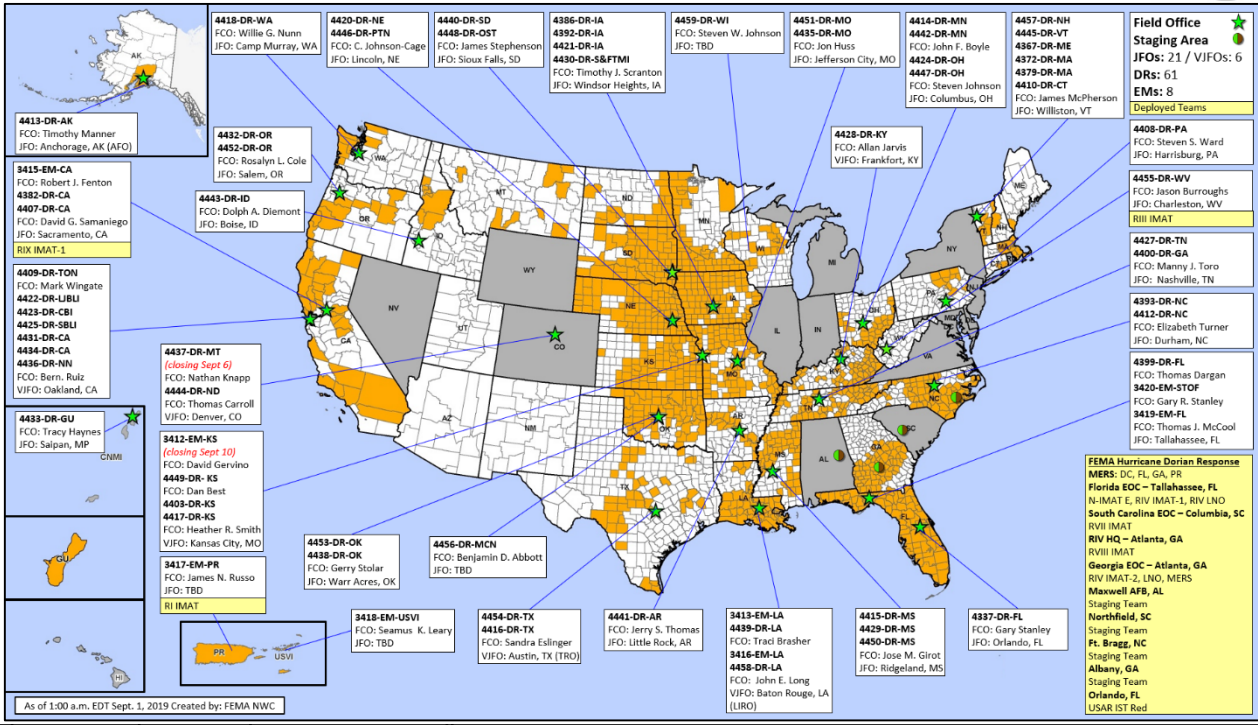


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FEMA HQ	
NWC	NRCC
Monitoring	Level I

FEMA REGIONS		
WATCH	RRCC	
Monitoring	I	Rostered
Monitoring	II	Rostered
Monitoring	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 to Enhanced Watch, Sep 2 at 8:00 a.m. EDT



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: Status	US&R (>36%)	MERS (>66%)	FCOs (≤1 Type 1)	FDRCS (≥3)	IM WORKFORCE
Assigned:	28	36	38	12	13,746 (NC)
Unavailable:	2	0	2	1	4,012 (▼)
Deployed:	16	11 (+8)	30 (-3)	8 (-1)	6,761 (▲)
Available:	10	25 (-8)	6 (+3)	3 (+1)	2,973/ 22% (▼)

IM CADRE AVAILABILITY SUMMARY	
Cadres with 25% or Less Availability	
EHP 8% (47/560); ER 17% (12/71); FL 15% (23/154); FM 24% (67/285); HM 23% (271/1201); HR 20% (44/224); IT 10% (65/655); LOG 17% (229/1,339); OPS 15% (42/282); PA 11% (277/2,647); PLAN 15% (63/408); SAF 10% (6/61); SEC 21% (26/125)	



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