

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.

Please consider making a small donation to the Disaster Center



When disaster mitigation is cost effective, we are on the road to bringing disasters to an end.



FEMA

Daily Operations Briefing

Wednesday, September 4, 2019

8:30 a.m. EDT

National Current Operations & Monitoring



FEMA

Significant Incidents or Threats:

- Hurricane Dorian

Tropical Activity:

- Atlantic:
 - Hurricane Dorian
 - Tropical Storm Fernand
 - Tropical Storm Gabrielle
 - Disturbance 1: Medium (50%)
 - Disturbance 2: Medium (60%)
- Eastern Pacific:
 - Hurricane Juliette
- Central Pacific:
 - Disturbance 1: High (70%)
- Western Pacific: No activity affecting U.S. interests

Declaration Activity:

- Approval: Emergency – FEMA-3423-EM-North Carolina

Hurricane Dorian



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Situation

Hurricane Dorian is expected to slowly move NNW along the FL east coast through Wednesday. Dorian will remain a dangerous hurricane, spreading impacts along and near the FL east coast and the coasts of GA, and the Carolinas through late in the week. This will be a long-duration event with heavy rain, storm surge, damaging winds, and isolated tornadoes.

Watches/Warnings:

- Storm Surge Warning: Jupiter Inlet to Surf City, NC
- Storm Surge Watch: N of Surf City, NC to Poquoson, VA; Pamlico and Albemarle Sounds; Neuse and Pamlico Rivers
- Hurricane Warning: Volusia/Brevard, FL to Ponte Vedra Beach, FL, N of Savannah River to Surf City, NC
- Hurricane Watch: N of Ponte Vedra Beach, FL to Savannah River; N of Surf City, NC to the NC/VA border; Albemarle and Pamlico Sounds

Lifeline All lifelines remain GREEN

Food, Water, Shelter

- Region IV: 139 (-61) shelters with 9.4k (-2.6) occupants (FL: 110/7k; GA: 13/1,631; SC: 16/603) (ESF 6 as of 5:00 a.m. EDT)

Health and Medical

- Hospital, Nursing Home, and Health Care Facility evacuations continue across FL, GA, and SC

Energy

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

Transportation

- Airports: all major FL airports have reopened with the exception of Orlando International; expecting to open today at 5:00 p.m. (FAA.GOV as of 6:45 a.m. EDT)
- Ports: FL: Fort Pierce inlet and Palm Beach, Fernandina, Jacksonville, and Canaveral closed; GA: Savannah, Brunswick and SC: Port of Charleston closed

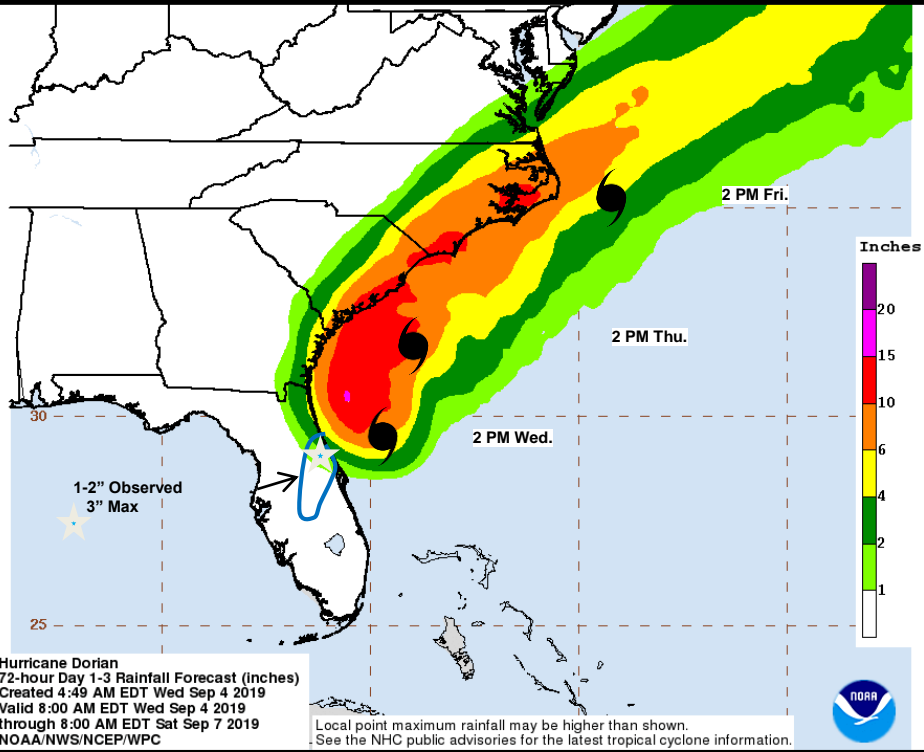
U.S Rainfall Potential – Hurricane Dorian

Update #6, 5:00 am EDT, Wednesday, September 4, 2019

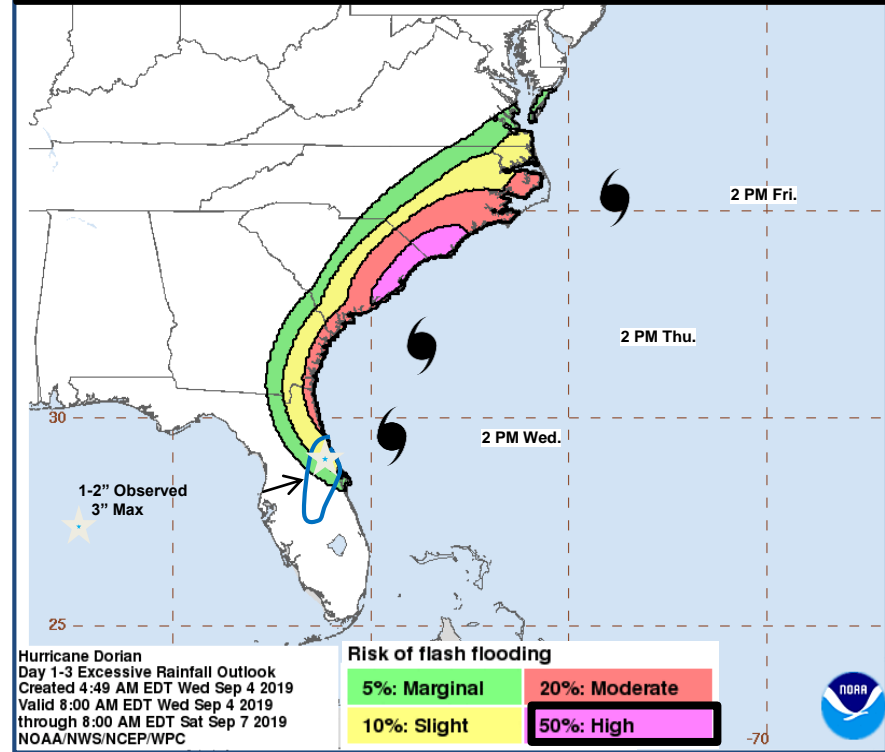


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3-Day Rainfall Forecast Through Early Saturday, Sept. 7



Flash Flooding Risk through Friday Night



Hurricane Dorian

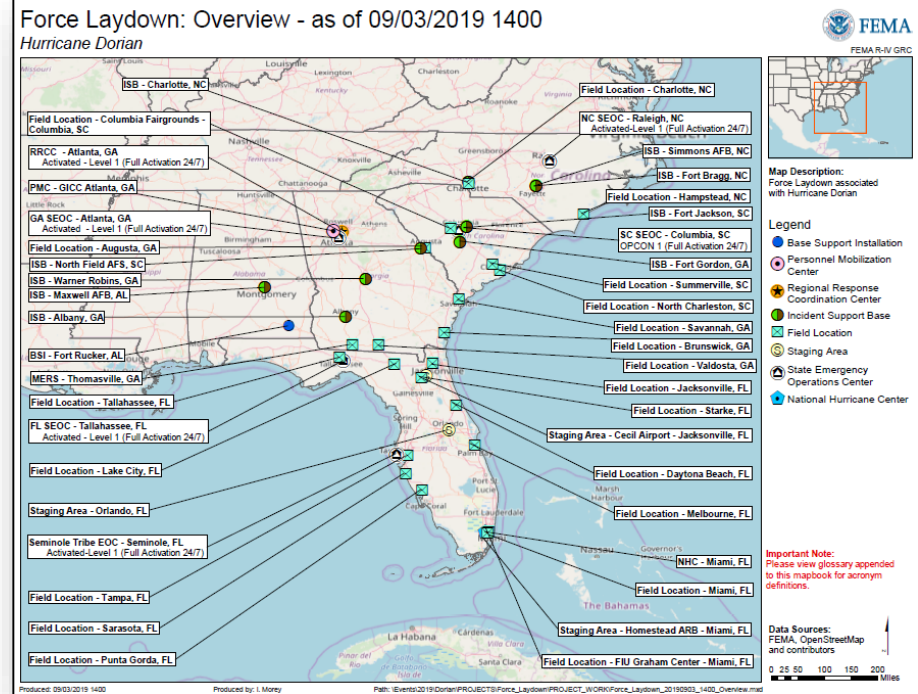


Local Preparations/Response

- FL, GA, SC, NC, and Seminole Tribe of Florida EOCs at Full Activation
- TN, MS EOCs at Monitoring
- Governors declared a State of Emergency for all counties in FL, NC, VA, STOF and for the coastal counties of GA and SC

Federal Preparations/Response

- FEMA-3423-EM-NC approved September 3, 2019
- NRCC at Level I, 24/7 with all LNOs and ESFs
- Region III RWC at Enhanced Watch; RRCC Level II (day shift only)
 - LNO deployed to VA
- Region IV RRCC at Level I, 24/7
 - LNOs deployed to FL, STOF, GA, SC, and NC
- IMAT Teams deployed:
 - National IMAT East: FL
 - Region III IMAT: VA EOC
 - Region IV IMAT-1: FL; IMAT-2: GA
 - Region VII IMAT: SC
 - Region VIII IMAT: NC
- ISB Teams deployed to AL, GA, NC, and SC
 - Charlie Team at Fort A.P. Hill, VA

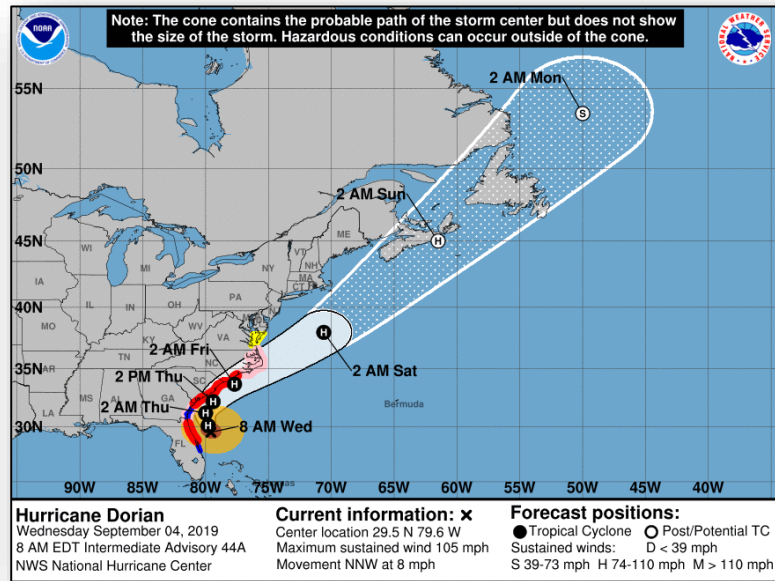


Tropical Outlook – Atlantic



Hurricane Dorian (CAT 2) *(Advisory #44A as of 8:00 a.m. EDT)*

- 95 miles ENE of Daytona Beach, FL
- Maximum sustained winds 105 mph; moving NNW at 8 mph
- Hurricane-force winds extend 60 miles and tropical-storm-force winds extend 175 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 (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 – Atlantic



Tropical Storm Fernand (Advisory 5A as of 5:00 a.m. EDT)

- 1,005 miles NNE of Tampico Mexico
- Maximum sustained winds 50 mph
- Moving W at 6 mph

Tropical Storm Gabrielle (Advisory 3 as of 5:00 a.m. EDT)

- 680 miles WNW of Cabo Verde Islands
- Maximum sustained winds 40 mph
- Moving NW at 10 mph

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

- Located several hundred miles E of Bermuda
- Formation chance through 48 hours: **Medium (50%)**
- Formation chance through 5 days: **Medium (50%)**

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

- A tropical wave over far eastern tropical Atlantic
- Moving W to NW
- Tropical depression could form late this week
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: **Medium (60%)**



Tropical Storm Fernand
Wednesday September 04, 2019
7 AM CDT Intermediate Advisory 5A
NWS National Hurricane Center

Current information: X
Center location 23.5 N 97.2 W
Maximum sustained wind 50 mph
Movement W at 6 mph

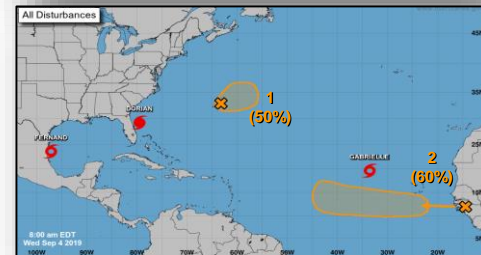
Forecast positions:
● Tropical Cyclone ○ Post/Potential TC
Sustained winds: D = 39 mph
S 39-73 mph H 74-110 mph M > 110 mph



Tropical Storm Gabrielle
Wednesday September 04, 2019
5 AM AST Advisory 3
NWS National Hurricane Center

Current information: X
Center location 19.6 N 23.6 W
Maximum sustained wind 40 mph
Movement NW at 10 mph

Forecast positions:
● Tropical Cyclone ○ Post/Potential TC
Sustained winds: D = 39 mph
S 39-73 mph H 74-110 mph M > 110 mph



All Disturbances

Disturbance 1
Wednesday September 04, 2019
8:00 AM EDT
NWS National Hurricane Center

Disturbance 2
Wednesday September 04, 2019
8:00 AM EDT
NWS National Hurricane Center

Current information: X
Center location 19.6 N 23.6 W
Maximum sustained wind 40 mph
Movement NW at 10 mph

Forecast positions:
● Tropical Cyclone ○ Post/Potential TC
Sustained winds: D = 39 mph
S 39-73 mph H 74-110 mph M > 110 mph

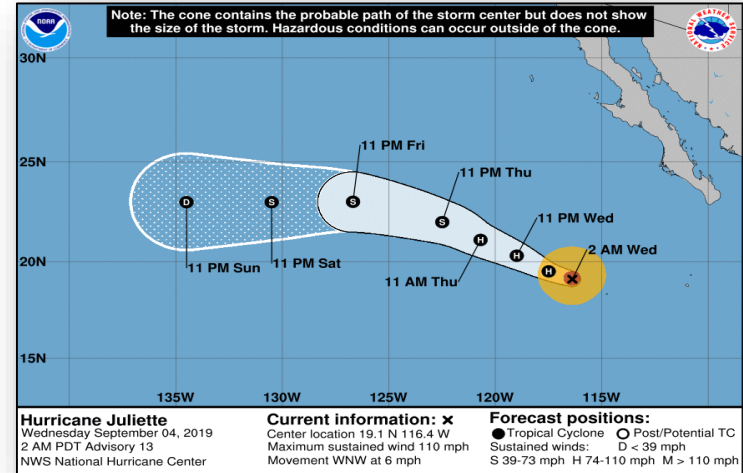
Tropical Outlook – Eastern Pacific



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Hurricane Juliette (Cat 3) *(Advisory #13 as of 5:00 a.m. EDT)*

- 495 miles WSW of southern tip of Baja California, Mexico
- Moving WNW at 6 mph
- Maximum sustained winds 110 mph
- Additional slow weakening is forecast during the few days
- Hurricane-force winds extend 30 miles; tropical-storm-force winds extend 115 miles



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

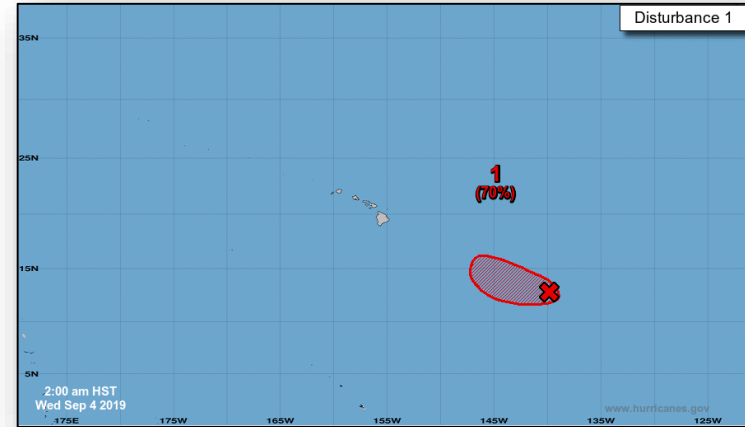
Potential track area: Day 1-3 (solid line) | Day 4-5 (dotted line)
 Watches: Hurricane (pink) | Trop Stm (yellow)
 Warnings: Hurricane (red) | Trop Stm (blue)
 Current wind extent: Hurricane (brown) | Trop Stm (orange)

Tropical Outlook – Central Pacific



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

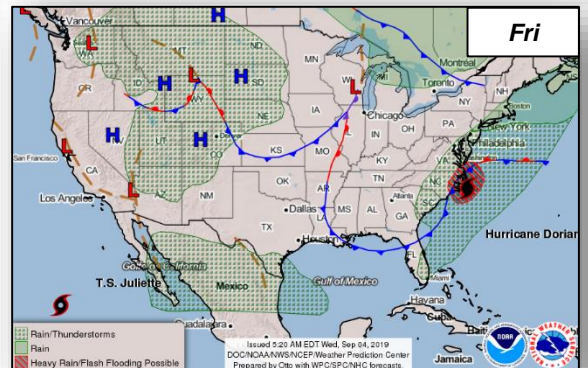
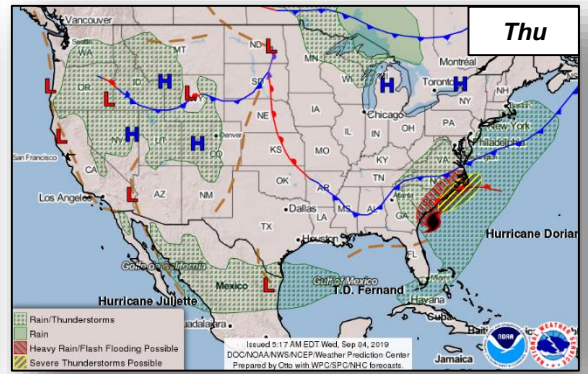
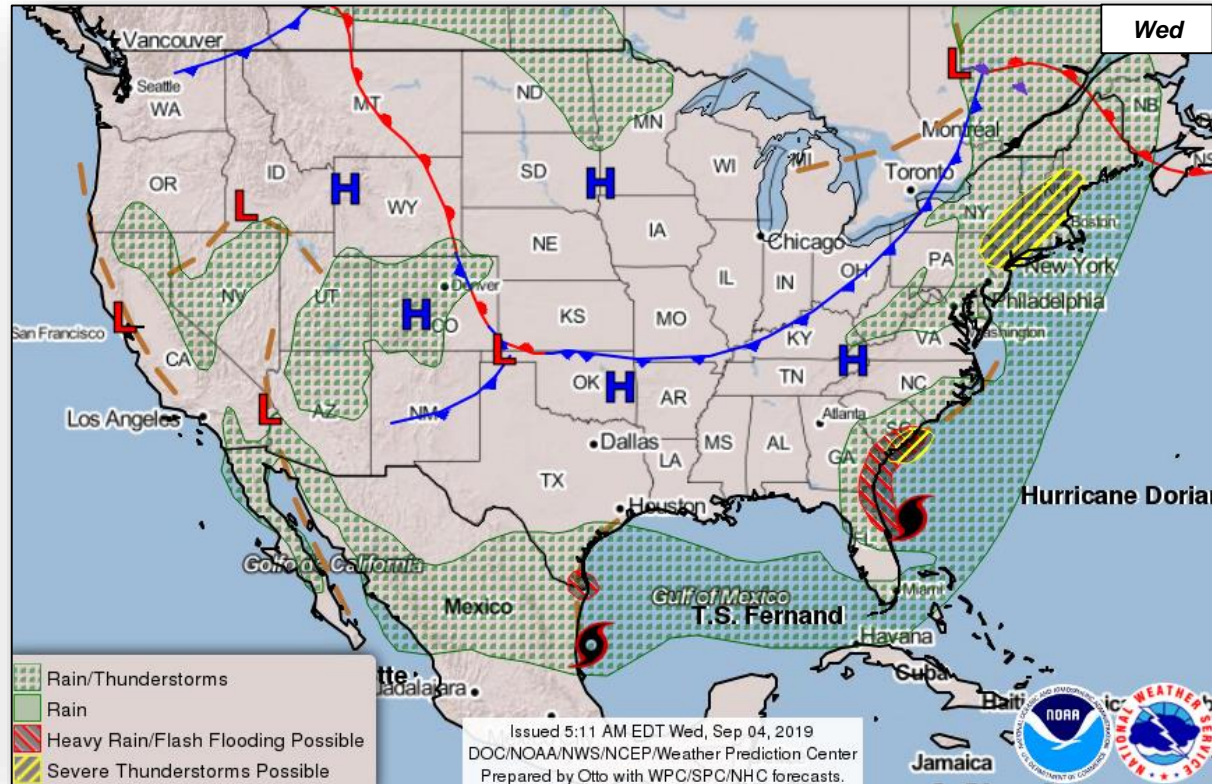
- 1,100 miles ESE of the Big Island of Hawaii
- Moving into the Central Pacific basin later today
- Tropical depression could form late this week
- Formation chance through 48 hours: High (70%)
- Formation chance through 5 days: High (70%)





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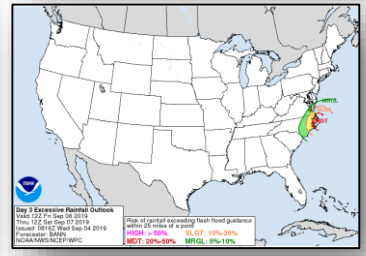
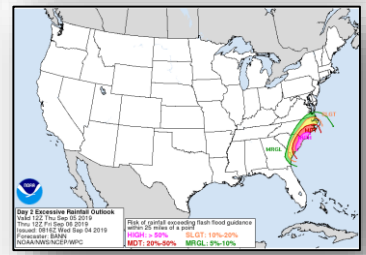
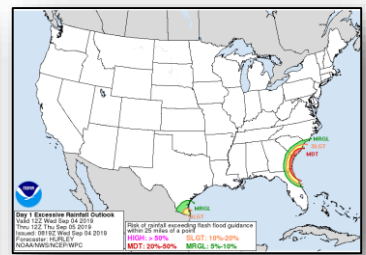
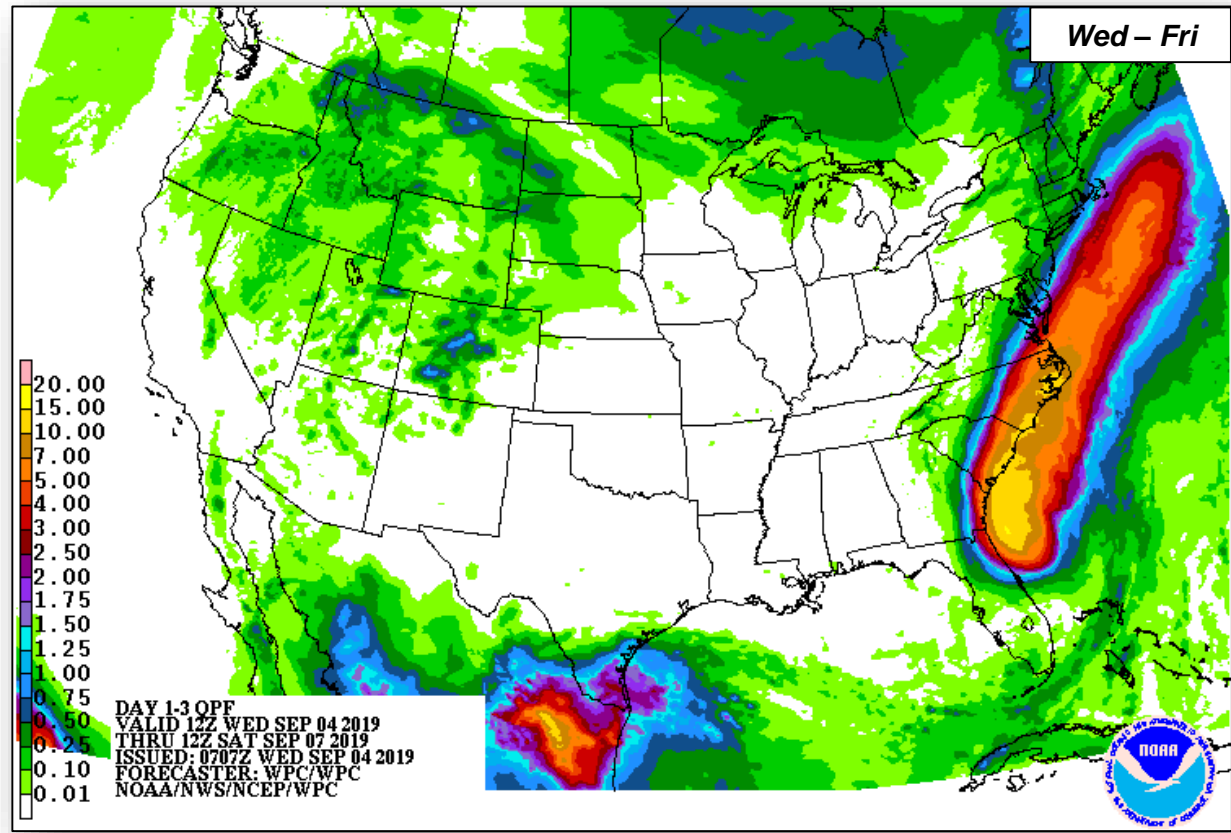
National Weather Forecast



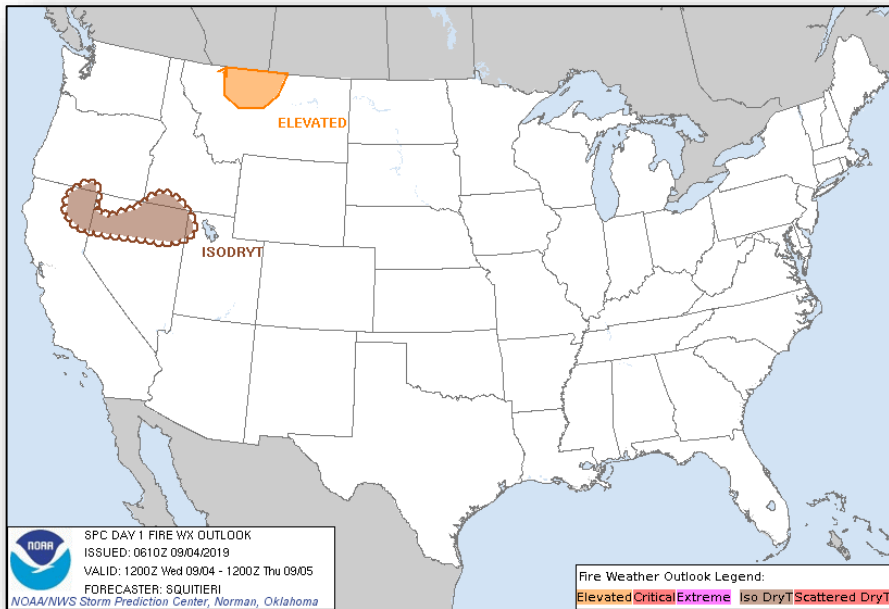
Precipitation Forecast



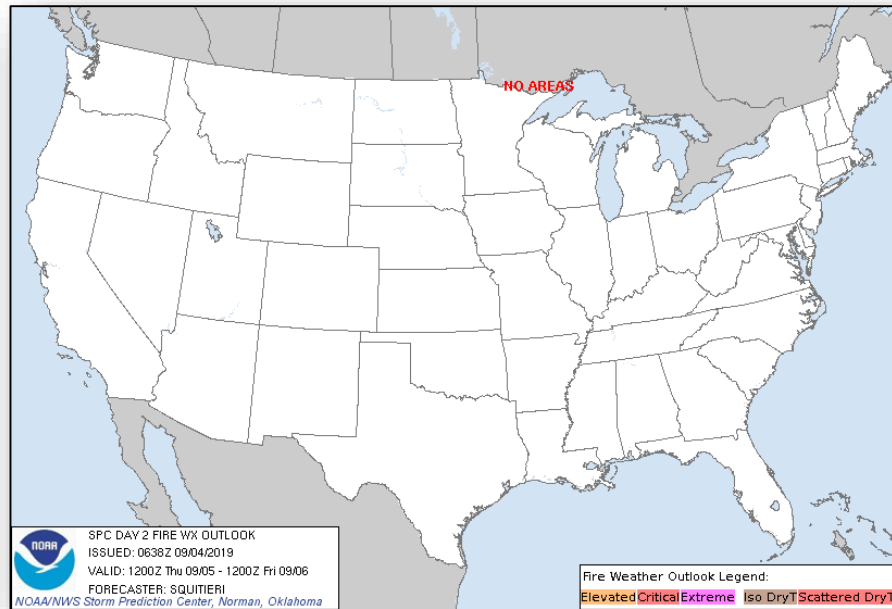
FEMA



Fire Weather Outlook



Today

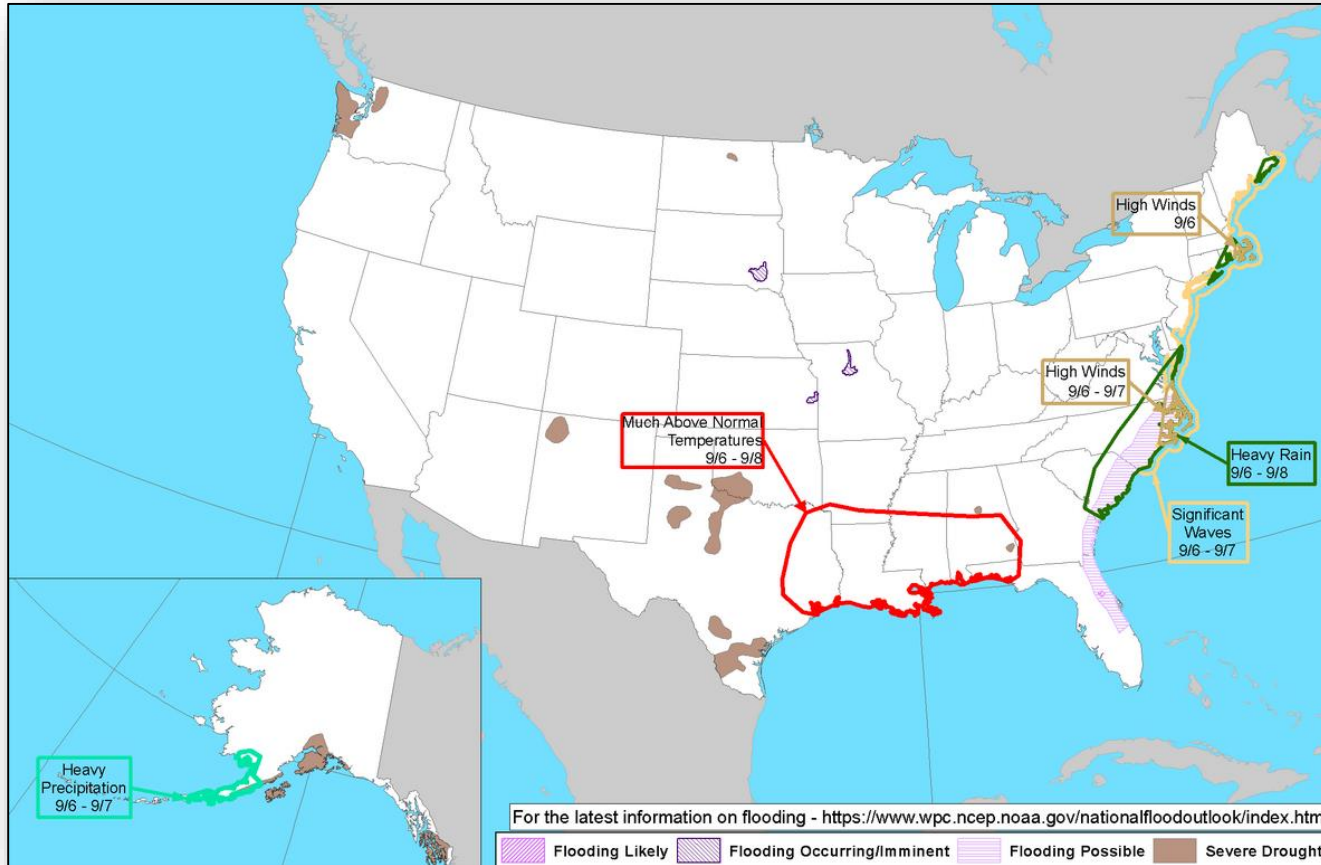


Tomorrow

Hazards Outlook – Sep 6-10



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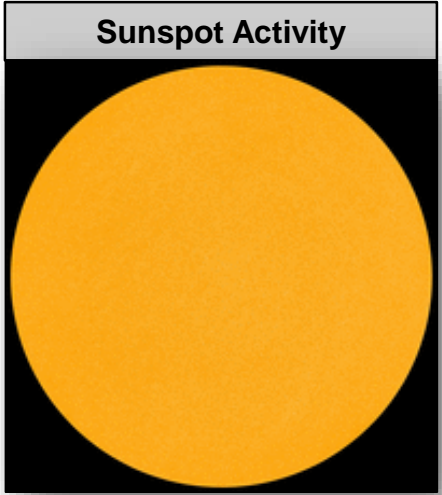
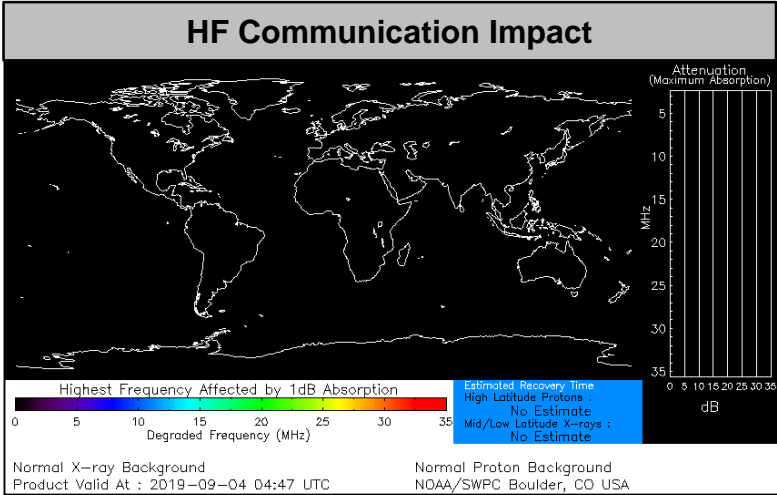
Space Weather



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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>



Declaration Approval



Declaration: Emergency Declaration – North Carolina and Tribal Areas

Requested: Sep 2

Approved: Sep 3

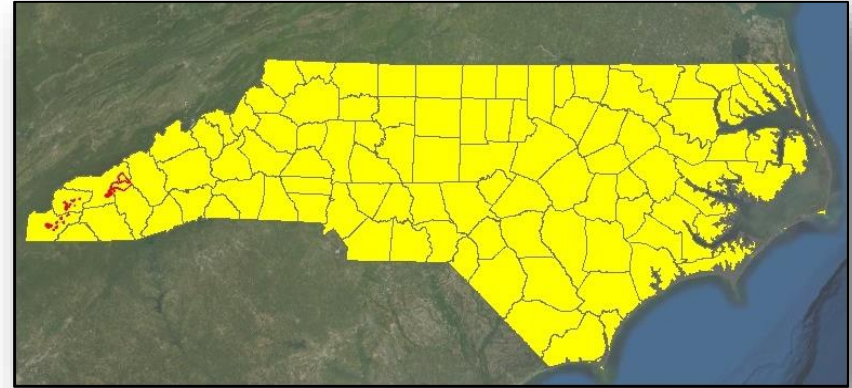
Incident: Hurricane Dorian

Incident Period: September 1, 2019 and continuing

Includes:

- PA: Provides emergency protective measures (Category B), limited to direct federal assistance, under the Public Assistance program at 75 percent federal funding for all 100 counties and the Eastern Band of the Cherokee Indians

FCO: Elizabeth Turner



- PA
- Requested Tribal Areas

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
NC – Hurricane Dorian (+1 Tribe****) – APPROVED (Sep 3)	EM		X		Sep 2

* Cheyenne River Reservation and the Lower Brule Indian Reservation

** Cheyenne River Reservation and the Rosebud Indian Reservation

*** Catawba Indian Nation

**** Eastern Band of the Cherokee Indians



FEMA Common Operating Picture

FEMA HQ		
NWC	NRCC	
Monitoring	Level I	
FEMA REGIONS		
WATCH	RRCC	
Monitoring	I	Rostered
Monitoring	II	Rostered
Enhanced	III	Level II
Monitoring	IV	Level I
Monitoring	V	Rostered
Monitoring	VI	Rostered
Monitoring	VII	Rostered
Monitoring	VIII	Rostered
Monitoring	IX	Rostered
Monitoring	X	Rostered
Activation Details		
NRCC – Gold Team on duty Region IV RRCC, 24/7 Region III RRCC at Level II, day shift only		

4418-DR-WA
FCO: Willie G. Nunn
JFO: Camp Murray, WA

4413-DR-AK
FCO: Timothy Manner
JFO: Anchorage, AK (AFO)

3415-EM-CA
FCO: Robert J. Fenton
4382-DR-CA
4407-DR-CA
FCO: David G. Samaniego
JFO: Sacramento, CA
RDX IMAT-1

4409-DR-TON
FCO: Mark Wingate

4422-DR-LIBLI
4423-DR-CBI
4425-DR-SBLI
4431-DR-CA
4434-DR-CA
4436-DR-NN
FCO: Bern. Ruiz
JFO: Oakland, CA

4433-DR-GU
FCO: Tracy Haynes
JFO: Saipan, MP
CNMI

4437-DR-MT
(closing Sept 6)
FCO: Nathan Knapp
4444-DR-ND
FCO: Thomas Carroll
JFO: Denver, CO

3412-EM-KS
(closing Sept 10)
FCO: David Gervino
4449-DR-KS
FCO: Dan Best
4403-DR-KS
4417-DR-KS
FCO: Heather R. Smith
JFO: Kansas City, MO

3417-EM-PR
FCO: James N. Russo
JFO: TBD
RIMAT

4420-DR-NE
4446-DR-PTN
FCO: C. Johnson-Cage
JFO: Lincoln, NE

4440-DR-SD
4448-DR-OST
FCO: James Stephenson
JFO: Sioux Falls, SD

4386-DR-IA
4392-DR-IA
4421-DR-IA
4430-DR-SBFTMI
FCO: Timothy J. Scranton
JFO: Windsor Heights, IA

4459-DR-WI
FCO: Steven W. Johnson
JFO: TBD

4451-DR-MO
4435-DR-MO
FCO: Jon Huss
JFO: Jefferson City, MO

4414-DR-MN
4442-DR-MN
FCO: John F. Boyle
4424-DR-OH
4447-DR-OH
4447-DR-OH
FCO: Steven Johnson
JFO: Columbus, OH

4457-DR-NH
4445-DR-VT
4367-DR-ME
4372-DR-MA
4379-DR-MA
4419-DR-CT
FCO: James McPherson
JFO: Williston, VT

4438-DR-NY
FCO: Allan Jarvis
JFO: Frankfort, KY

4408-DR-PA
FCO: Steven S. Ward
JFO: Harrisburg, PA

4455-DR-WV
FCO: Jason Burroughs
JFO: Charleston, WV
RIM3 IMAT

4427-DR-TN
4400-DR-GA
FCO: Manny J. Toro
JFO: Nashville, TN

4393-DR-NC
4412-DR-NC
3425-EM-NC
FCO: Elizabeth Turner
JFO: Durham, NC

3421-EM-SC
FCO: Allan Jarvis
JFO: TBD

3422-EM-GA
FCO: Manny J. Toro
JFO: TBD

4399-DR-FL
3419-EM-FL
FCO: Thomas Dargan
3419-EM-FL
FCO: Thomas J. McCool
JFO: Tallahassee, FL

4453-DR-OK
4438-DR-OK
FCO: Gerry Stolar
JFO: Warr Acres, OK

4456-DR-MCN
FCO: Benjamin D. Abbott
JFO: TBD

3419-EM-USVI
FCO: Seamus K. Leary
JFO: TBD

4454-DR-TX
4416-DR-TX
FCO: Sandra Eslinger
JFO: Austin, TX (TRO)

4441-DR-AR
FCO: Jerry S. Thomas
JFO: Little Rock, AR

3413-EM-LA
4439-DR-LA
FCO: Traci Brasher
3416-EM-LA
4458-DR-LA
FCO: John E. Long
JFO: Baton Rouge, LA
(LIRO)

4415-DR-MS
4429-DR-MS
4450-DR-MS
FCO: Jose M. Girot
JFO: Ridgeland, MS

4337-DR-FL
3420-EM-STOF
FCO: Gary Stanley
JFO: Orlando, FL

FEMA Hurricane Dorian Response
MERS: DC, FL, GA, PR, SC, NC
Florida EOC – Tallahassee, FL
N-IMAT E, RIV IMAT-1, RIV LNO
South Carolina EOC – Columbia, SC
RIV IMAT; RIV LNO
Georgia EOC – Atlanta, GA
RIV IMAT-2, RIV LNO
North Carolina EOC – Raleigh, NC
RIV IMAT
RIV LNO
Virginia EOC – Richmond, VA
RIV IMAT
Maxwell AFB, AL
Staging Team
North Field, SC
Staging Team
Charlotte & Ft. Bragg, NC
Staging Team
Albany & Warner Robins, GA
Staging Team
Orlando, FL
USAR IST Red

N-IMATs	
2 Teams	
E	FL
W	
C	
R-IMATs	
≤ 3 Teams	
I	PR
II	
III	VA
IV-1	FL
IV-2	GA
V	
VI-1	
VI-2	
VII	SC
VIII	NC
IX-1	CA
IX-2	
X	
FMC	PMC
NMC	Deployed

As of 3:00 a.m. EDT Sept 4, 2019 Created by: FEMA NWC

Team:	US&R (<33%)	MERS (33-65%)	FCOs (≤1 Type 1)	FDRCS (≥3)	IM WORKFORCE
Assigned:	28	36	38	12	13,759 ▼
Unavailable:	3 (+1)	0	1	2 (+1)	3,923 ▲
Deployed:	23 (+7)	13	31 (+6)	7 (-2)	6,994 ▼
Available:	2 (-8)	23	6 (-2)	3 (+1)	2,842/ 21% ▼

IM CADRE AVAILABILITY SUMMARY	
Cadres with 25% or Less Availability	
DSA 24% (267/1109); EHP 8% (47/560); ER 15% (11/71); FL 13% (21/156); FM 21% (61/285); HM 22% (260/1202); HR 16% (36/223); IT 13% (82/656); LOG 13% (172/1338); OPS 10% (28/283); PA 11% (300/2657); PLAN 10% (41/406); SAF 13% (8/61); SEC 18% (23/125)	



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