

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.

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



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Daily Operations Briefing

Sunday, September 16, 2018

8:30 a.m. EDT

Significant Activity – Sep 15-16



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Significant Events: Tropical Depression Florence

Tropical Activity:

- Atlantic – Tropical Depression Florence; Tropical Storm Helene; Tropical Storm Joyce; Disturbance 1: Low (20%)
- Eastern Pacific – Disturbance 1: High (80%)
- Central Pacific – No new tropical cyclone are expected during next 48 hours
- Western Pacific – No activity affecting U.S. interests

Significant Weather:

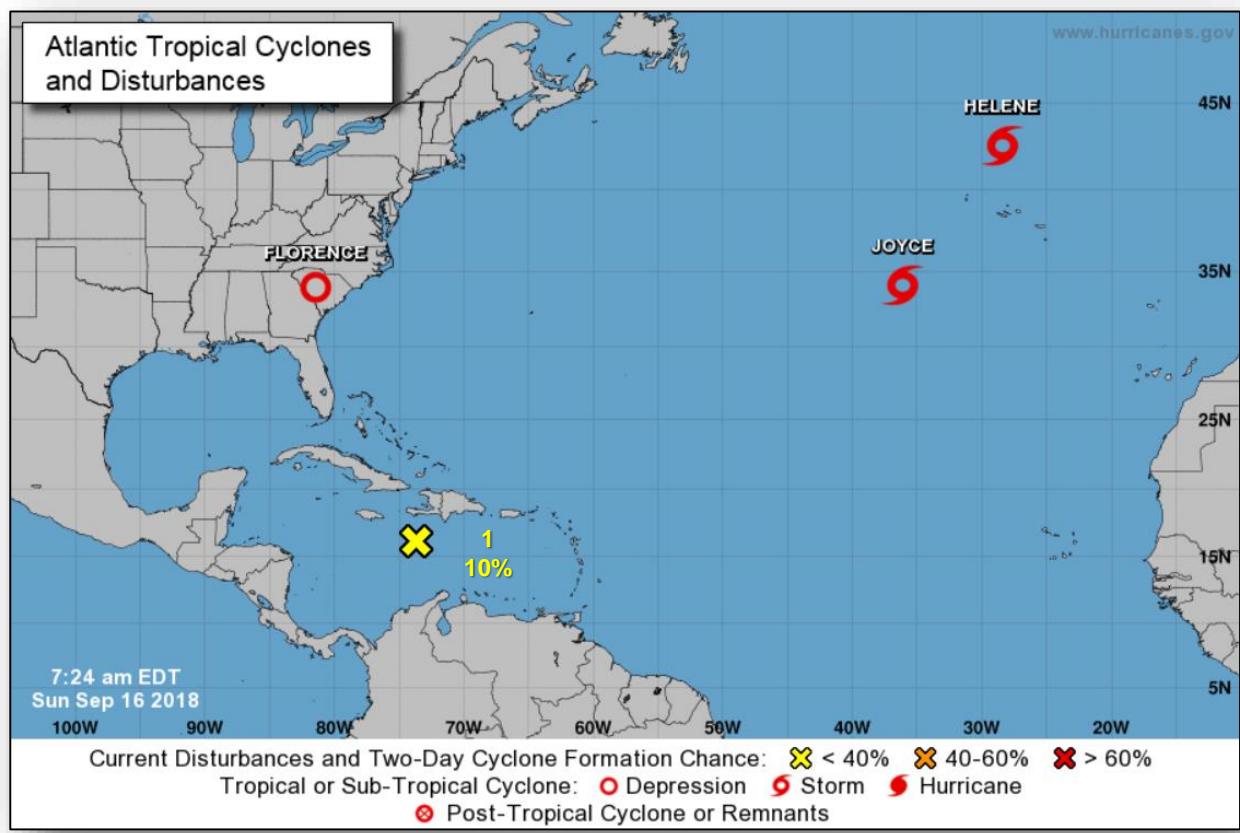
- Severe thunderstorms possible – Carolinas
- Flash flooding possible – Tennessee and Ohio valleys to Mid-Atlantic and Carolinas
- Elevated/critical fire weather - CA, NV, UT, CO, WY, ID and MT
- Red Flag Warnings – NV, UT, WY & ID

Declaration Activity: None

Tropical Outlook – Atlantic



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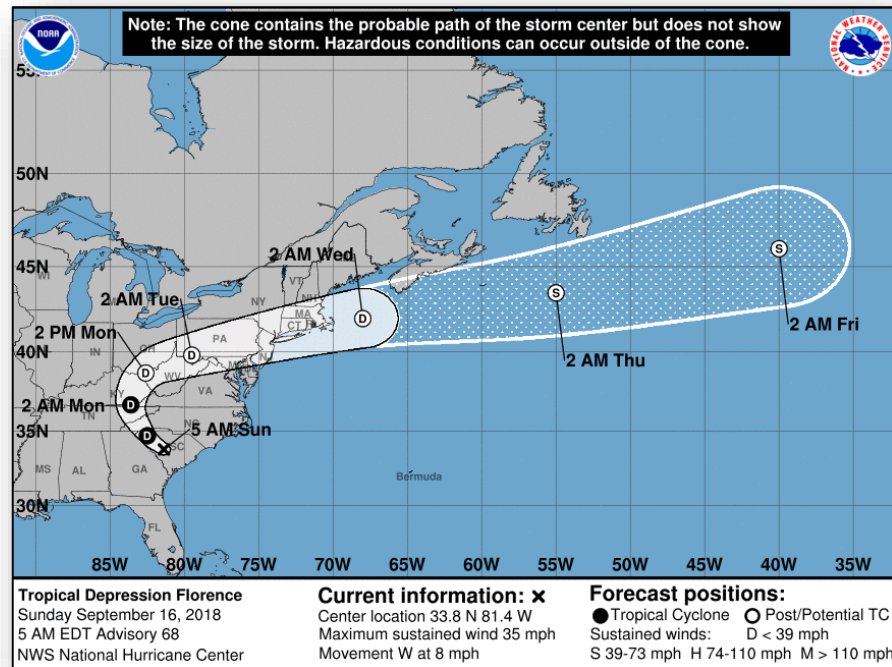
Tropical Storm Florence



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Tropical Depression Florence (Advisory #68 as of 5:00 a.m. EDT)

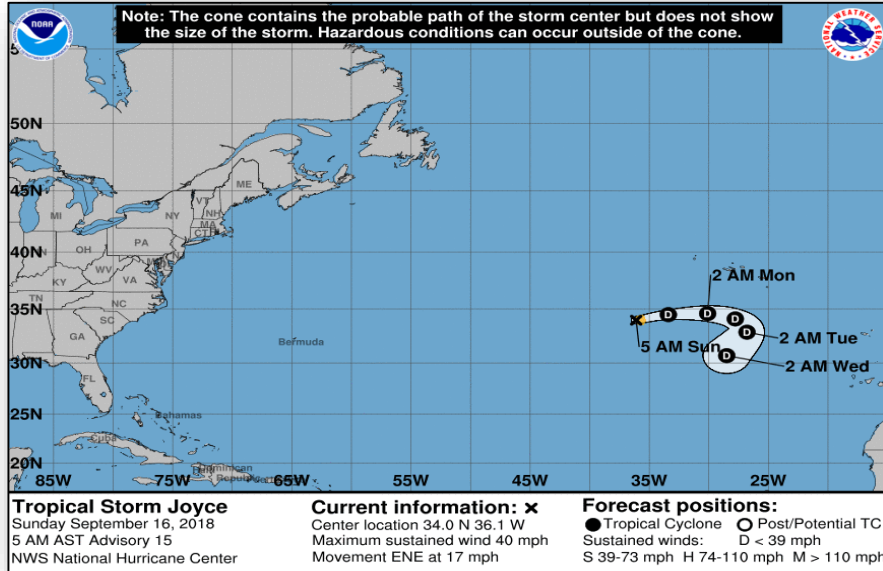
- Located 20 miles SW of Columbia, SC
- Moving W at 8 mph
- A turn N and NE with an additional increase in forward speed on Monday
- On the forecast track, The center will move across the western Carolinas today and then recurve over the Ohio Valley and Northeast U.S. Monday and Tuesday
- Maximum sustained winds 35 mph
- Gradual weakening is forecast during the next couple of days



Tropical Storm Helene & Joyce

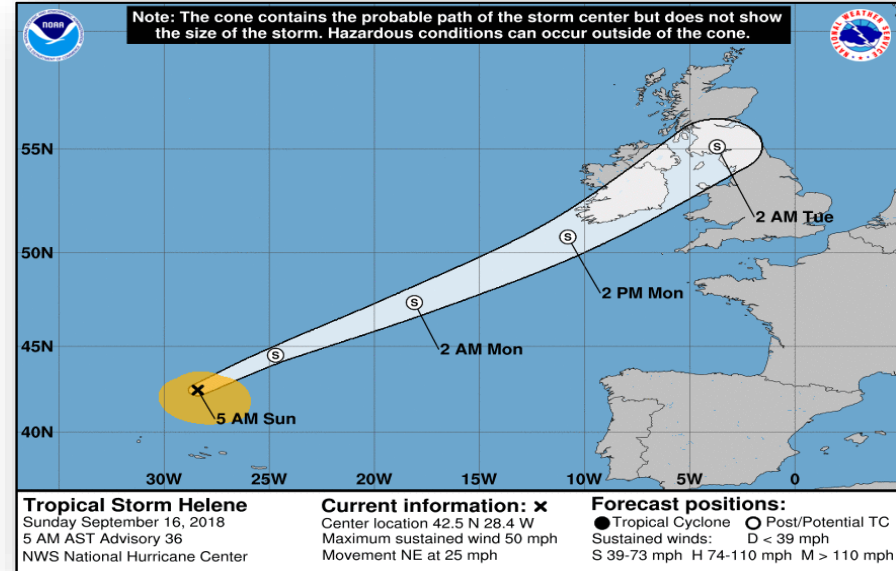


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Tropical Storm Joyce (Advisory #15 as of 5:00 a.m. EDT)

- 580 miles WSW of the Azores
- Moving ENE at 17 mph
- Maximum sustained winds 40 mph



Tropical Storm Helene (Advisory #36 as of 5:00 a.m. EDT)

- 270 miles N of the Central Azores
- Moving NE at 25 mph
- Maximum sustained winds 50 mph

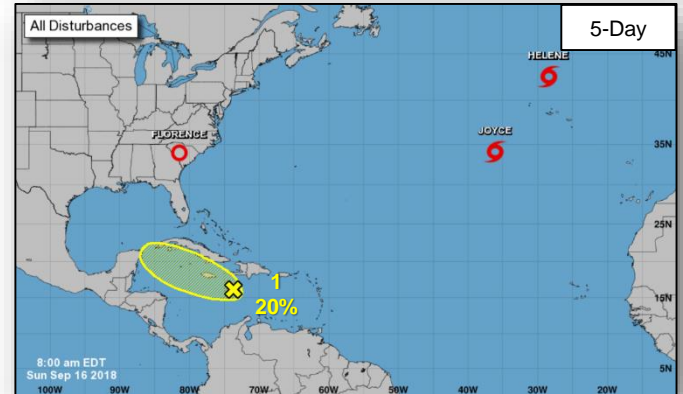
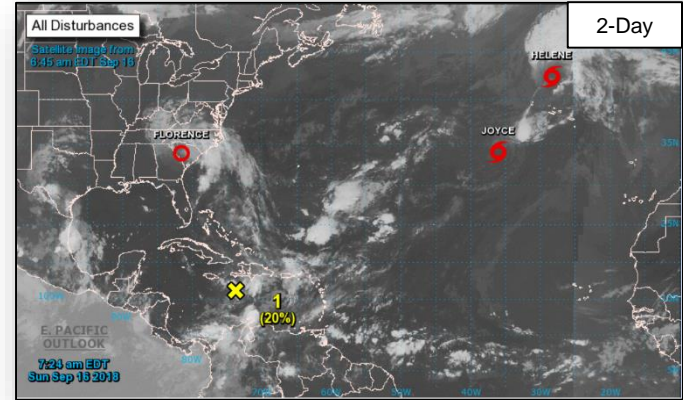
Tropical Outlook – Atlantic



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

- Broad area of low pressure associated with remnants of Isaac is located a couple hundred miles SE of Kingston, Jamaica
- Moving WNW toward northwestern Caribbean Sea
- Some slow development is possible during the next day or so
- Afterward, conditions are forecast to become less conducive and re-development seems unlikely
- Formation chance through 48 hours: Low (20%)
- Formation chance through 5 days: Low (20%)

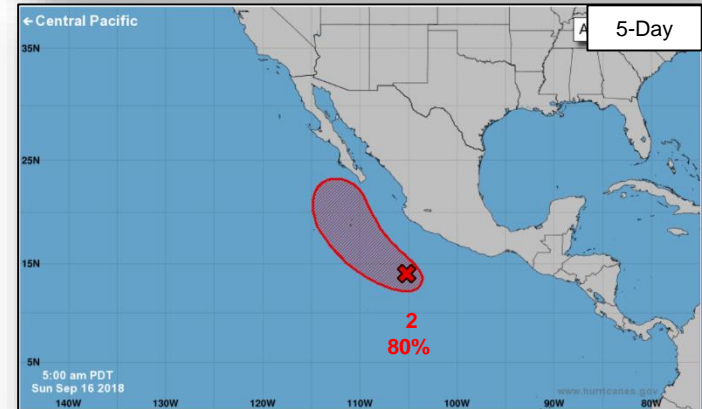


Tropical Outlook – Eastern Pacific

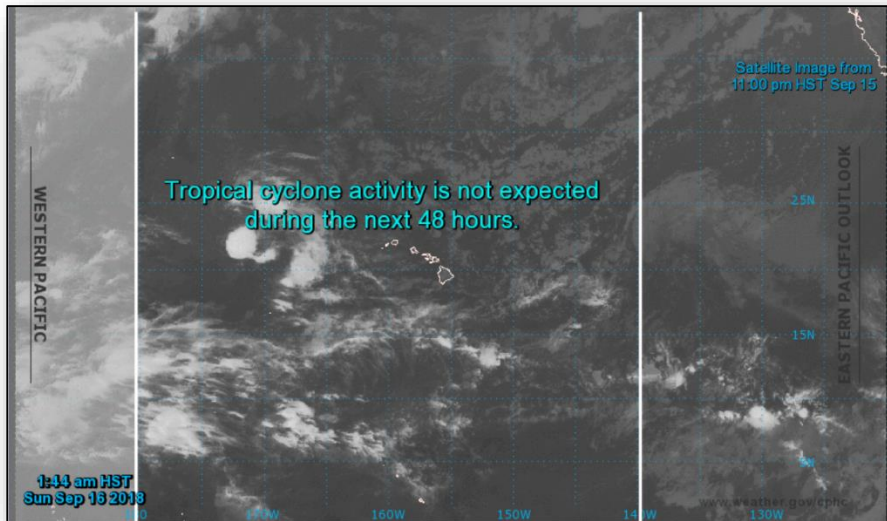


Disturbance 1 (as of 2:00 p.m. EDT)

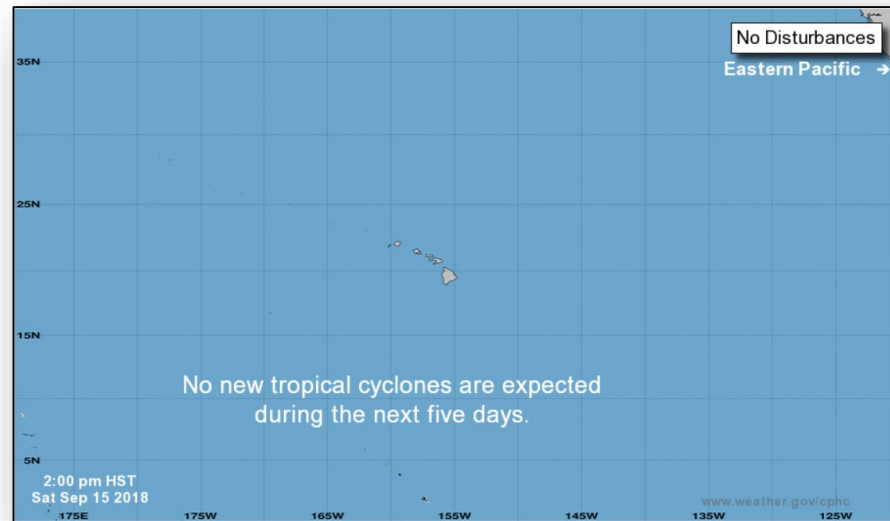
- Centered several hundred miles SW of Mexico
- Moving NW at 10 mph
- Conditions appear conducive for gradual development
- Tropical depression likely to form by middle of next week
- Formation chance through 48 hours: Low (30%)
- Formation chance through 5 days: High (80%)



Tropical Outlook – Central Pacific



48 Hour Outlook



5 Day Outlook

NWS Weather Prediction Center

Update #7, 8:30 am EDT, Sunday, Sep. 16, 2018

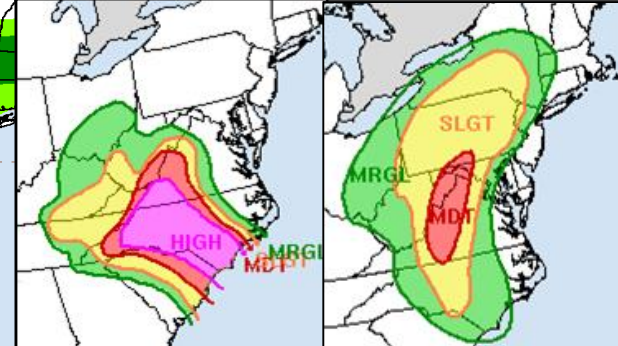
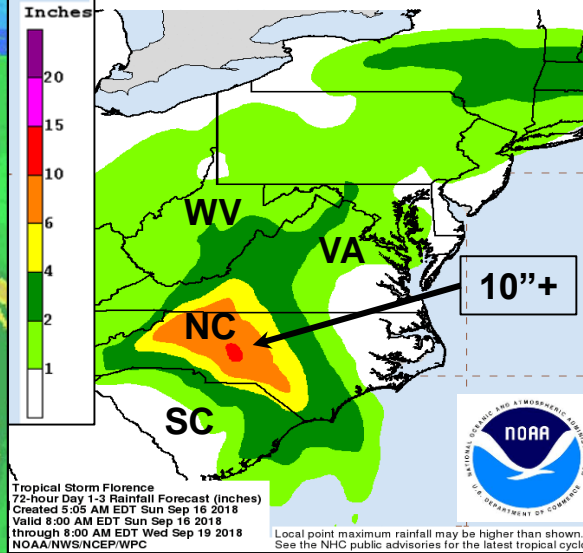
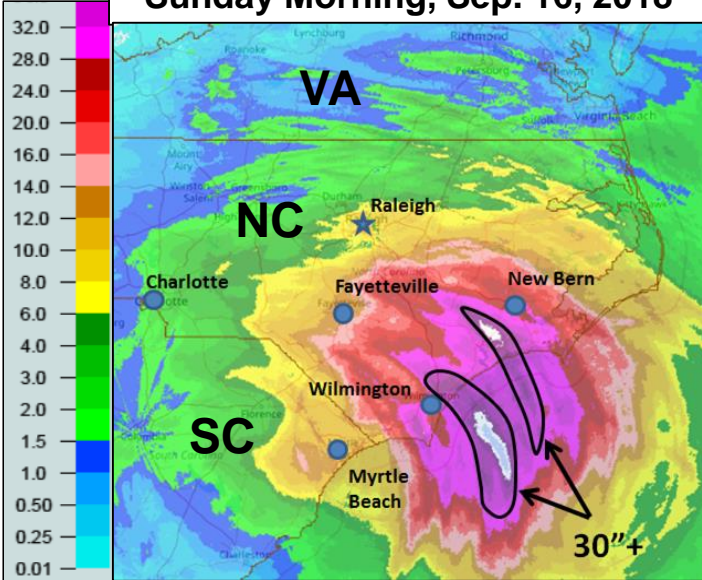


4-Day Rainfall Observed Through Sunday Morning, Sep. 16, 2018

3-Day Rainfall Forecast Through Wednesday, Sep. 19, 2018

Daily Flash Flood Risk

Today Through 8 am Monday | Tomorrow Through 8 am Tuesday



Day 3 Through 8 am Wednesday

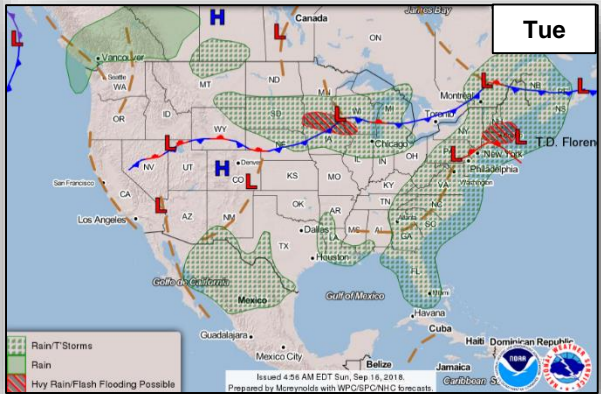
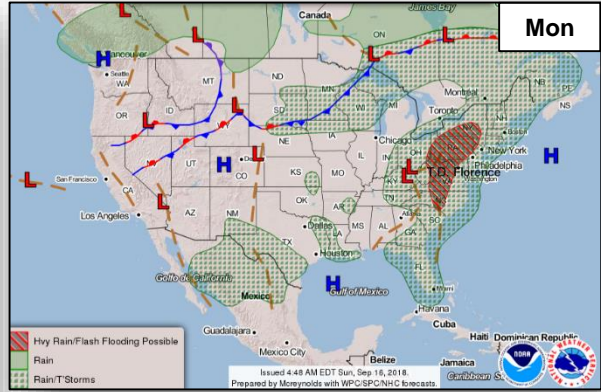
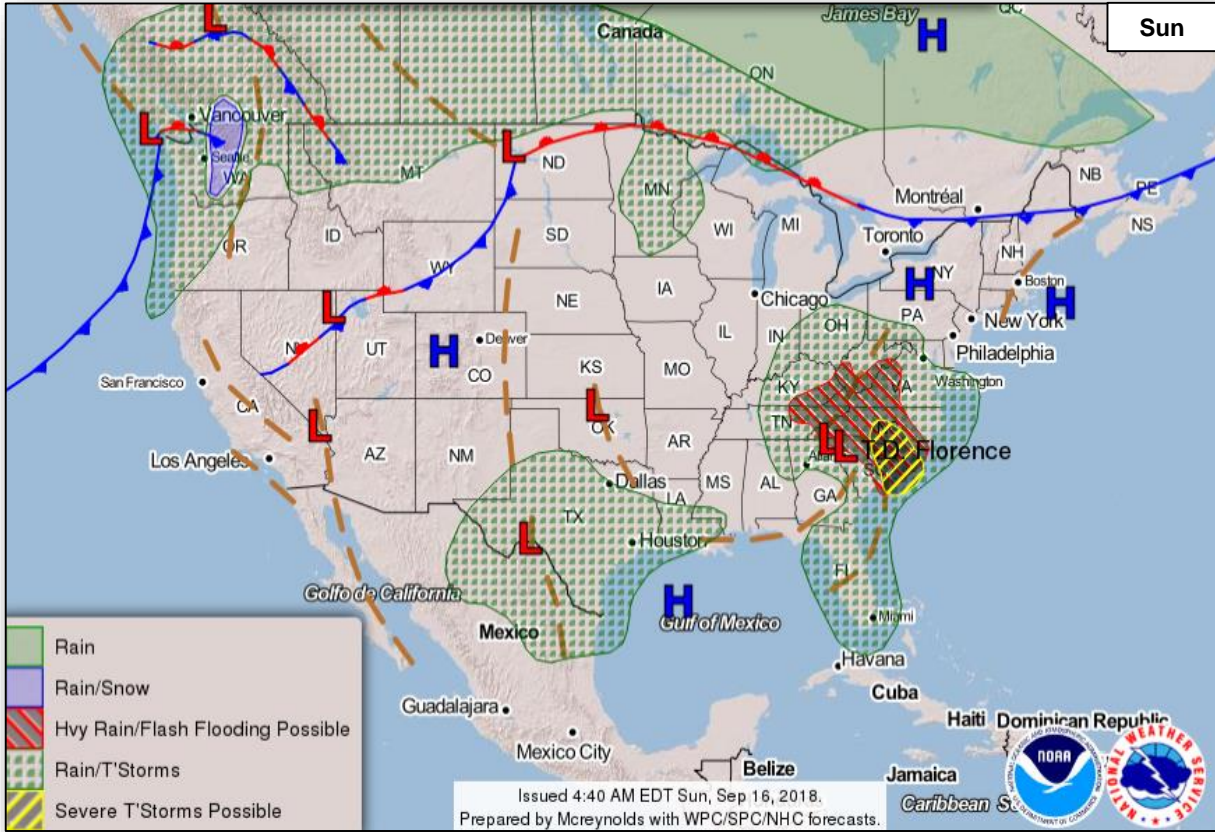


- Southeast NC to northeast SC: Additional 3-6", isolated 8". Event accumulations: 30-40".
- Central/western NC into far southwest VA: Additional 5-10". Event accumulations 15-20".
- West-central VA: Additional 2-4". isolated 6". Event accumulations 3-6".

National Weather Forecast



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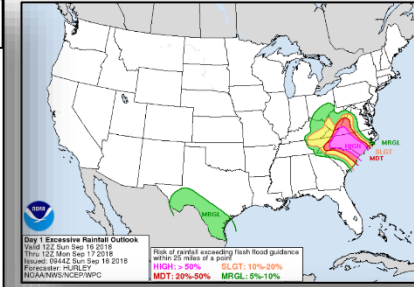
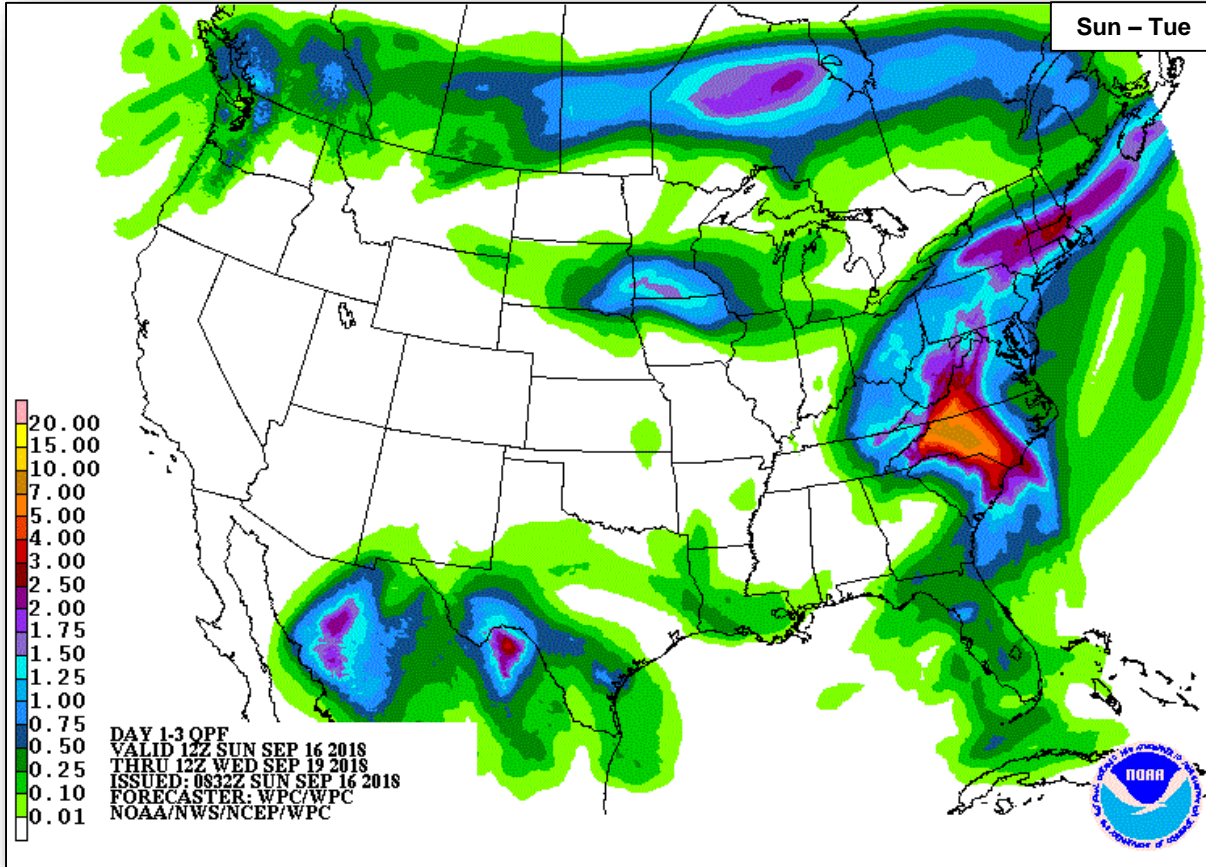
- Rain
- Rain/Snow
- Hvy Rain/Flash Flooding Possible
- Rain/T'Storms
- Severe T'Storms Possible



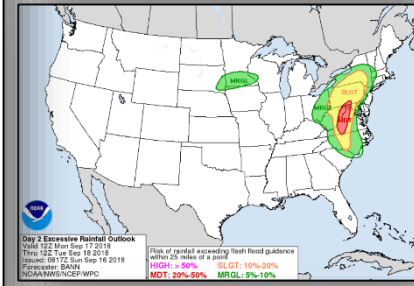
Precipitation / Excessive Rainfall Forecast



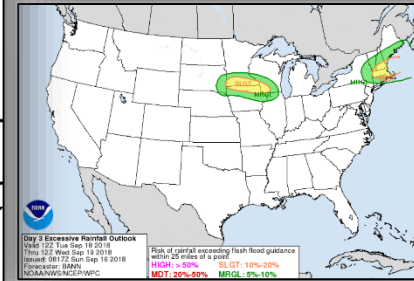
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Sun



Mon



Tue

Tropical Storm Florence – Lifeline Analysis



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Safety & Security

- US&R System actively engaged in rescue operations in support of state and local officials in coordination with Federal partners; completed 451 evacuations, 22 rescues, 4 assistances, 519 shelter in place checks, and 3 animal evacuations to date
- USCG S&R teams completed 55 rescues and 8 animal rescues
- 6,725 total National Guard personnel activated across VA, NC and SC

Food, Water and Shelter

- Shelters: 225 (-42) open with 22,621 (-7,674) occupants across 3 states (NC, SC, & VA) (SLB as of 6:00 a.m. EDT)
- DLA delivering 4.86 million meals to Maxwell AFB from Sep 16-27 and 2.86 million meals to Ft. Bragg from Sep 20-27
- Salvation Army reports 20 mobile feeding units staging in Charlotte with current meal capacity of 27,000 per day

Health and Medical

- 7 confirmed fatalities in NC
- 1 confirmed fatalities in SC

Energy

- Power Outages (SLB as of 6:00 a.m. EDT)
 - VA: 1k (-1) customers out
 - NC: 645k (-132k) customers out
 - SC: 60k (-105k) customers out

Communications

- 81.6% of reported cell sites across NC are operational



Transportation

- South Carolina:
 - Myrtle Beach airport open; Charleston AFB/International, Florence Regional (expected to open September 16), and Moncks Corner Berkeley County airports closed (expected to open September 17); all other major airports open
- North Carolina:
 - Wilmington International Airport closed; 6 regional airports closed; all other major airports open
 - Road conditions are expected to deteriorate over the next few days; I-95 closed due to flooding near Fayetteville and Lumberton; I-40 closed in both directions north of Wilmington and near Burgaw Virginia

Hazardous Waste

- NC reports sewage discharge, watermain breaks, and isolated system failures among water treatment facilities in the affected areas (Kenansville, Aqua, Wilmington, Princeton);

Tropical Storm Florence



FEMA HQ

- NRCC at Level I, 24/7 with all LNOs and ESFs
- National IMAT East-1 deployed to NC EOC
- Composite IMAT deployed to SC EOC
- Interagency VTCs daily at 12:30 p.m. EDT
- MERS assets deployed
- US&R: Red IST deployed to Raleigh, NC
- Region VIII IMAT deployed to Region IV HQ (GA)
- Region V IMAT deployed to FEMA HQ (DC)
- Region I IMAT deployed to VA

Region IV

- RRCC at Level I, 24/7
- LNOs deployed to NC, SC & GA
- DCO/DCE deployed to NC & SC
- IMAT 1 deployed to NC; IMAT 2 deployed to SC

North Carolina (FEMA-3293-DR-NC & 3401-EM-NC)

- EOC at Full Activation; State of Emergency declared
- US&R: Red IST, **5 – Type 1**; 4 – Type 3; **13 – MRP Water Team**

South Carolina (FEMA-3400-EM-SC)

- EOC at Full Activation; State of Emergency declared
- US&R: **2 – Type 1**; 1 MRP Water Team; 1 HEPP

Georgia: EOC at Partial Activation

Tennessee: EOC at Monitoring (EMAC support)

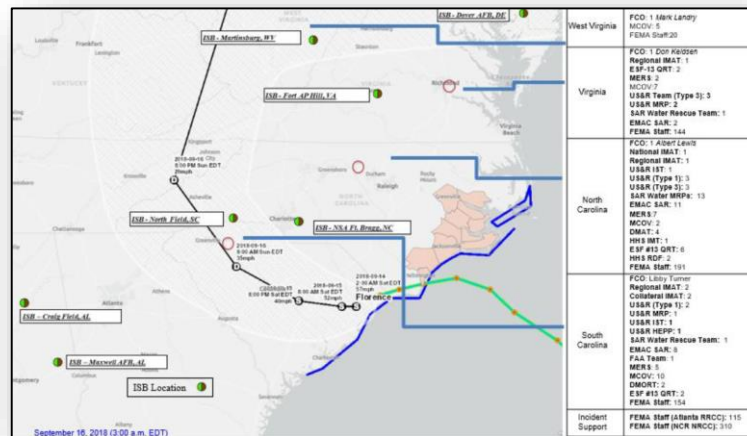
Kentucky: EOC at Monitoring (EMAC support)

Region III

- RRCC at Level II (day shift); **RWC at Enhanced Watch (night shift)**
- **LNO deployed to WV EOC**
- 2 IMATs (Type III) deployed to VA
- Virginia (FEMA-3403-EM-VA): EOC at Full Activation; state of emergency declared
- Maryland EOC at **Monitoring**; National Guard activated
- West Virginia EOC at **Monitoring**, State of Preparedness declared
- Delaware EOC at Monitoring

Region II

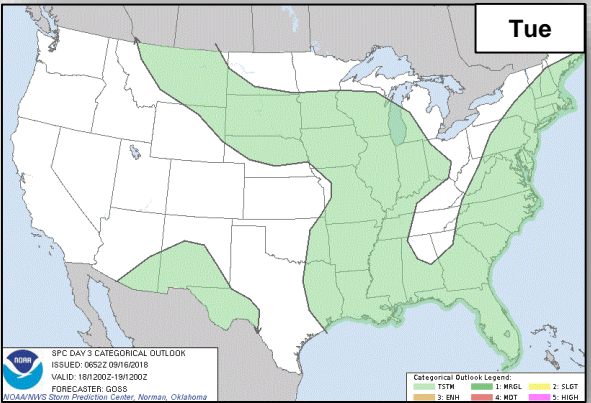
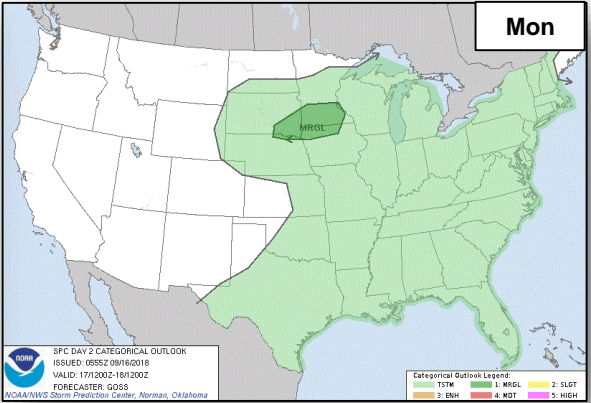
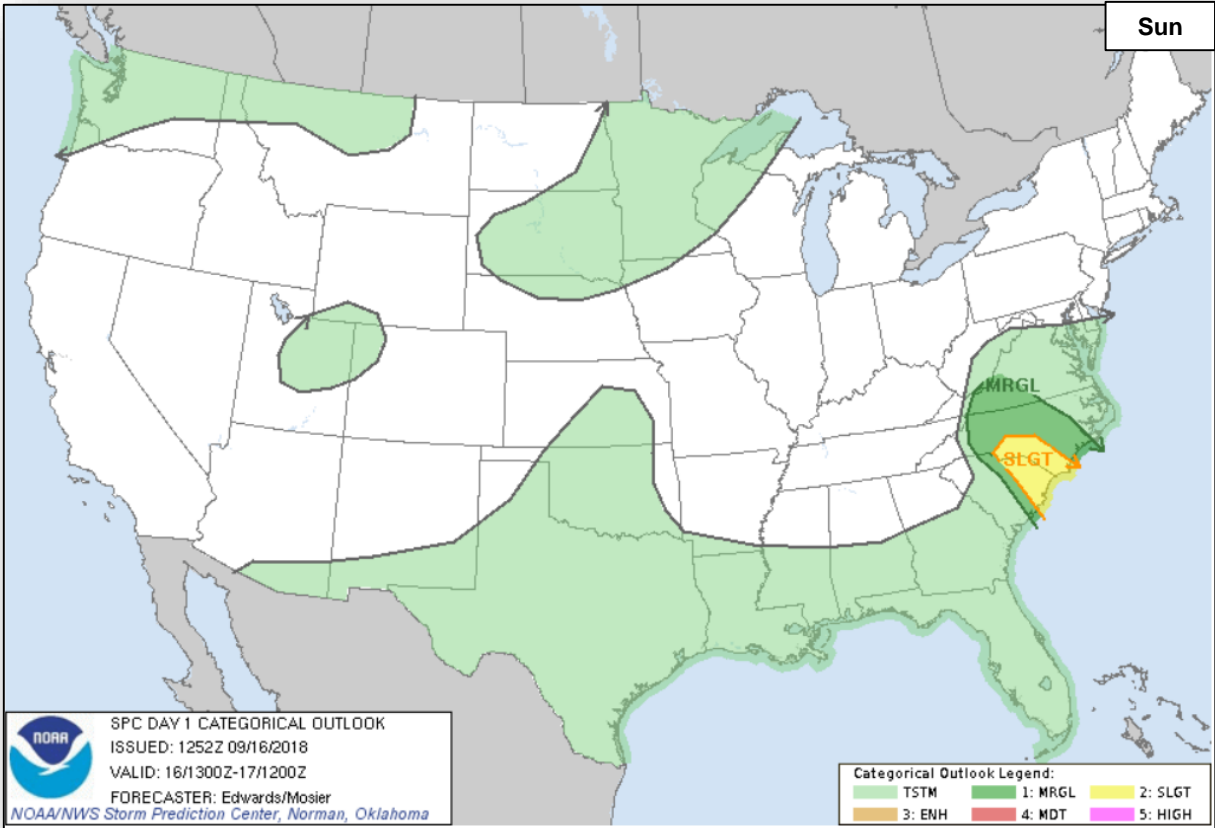
- RWC at Steady State/Monitoring
- US&R Incident Coordination Center activated and supporting NJ US&R Task Force 1 in NC



Severe Weather Outlook



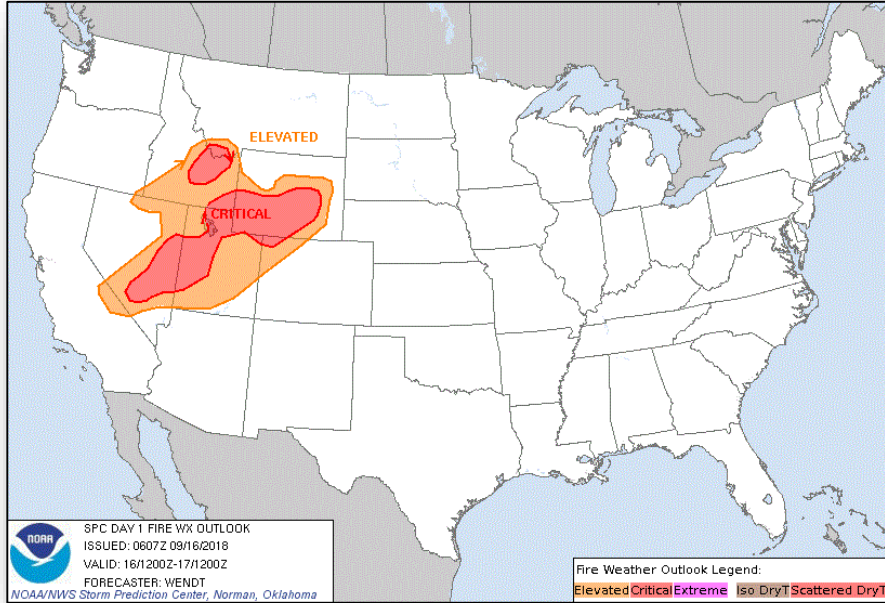
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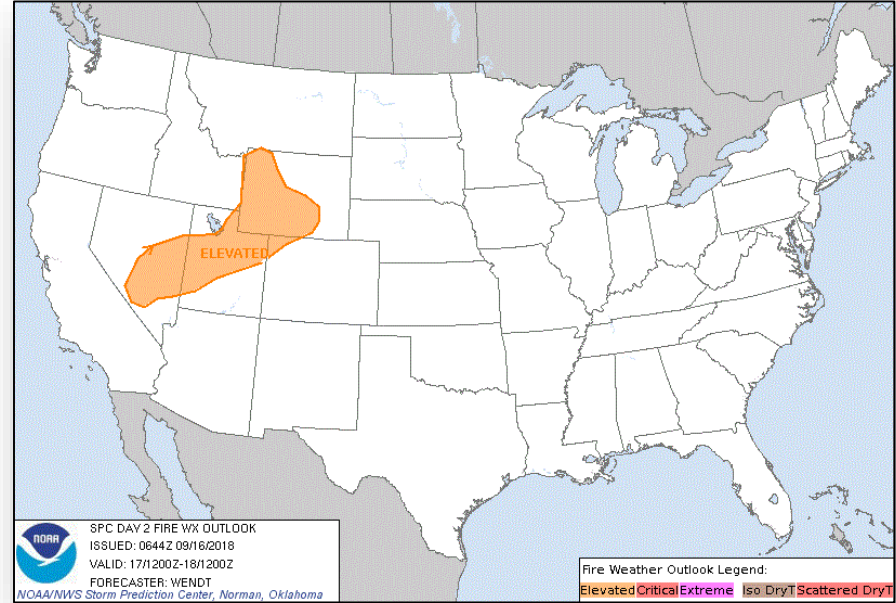
Fire Weather Outlook



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Sunday

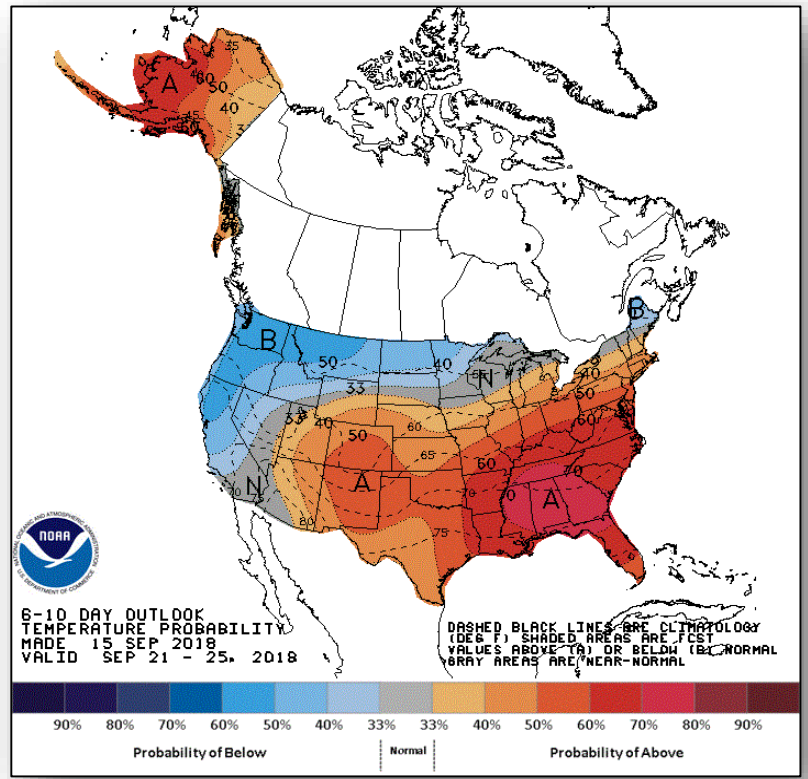


Monday

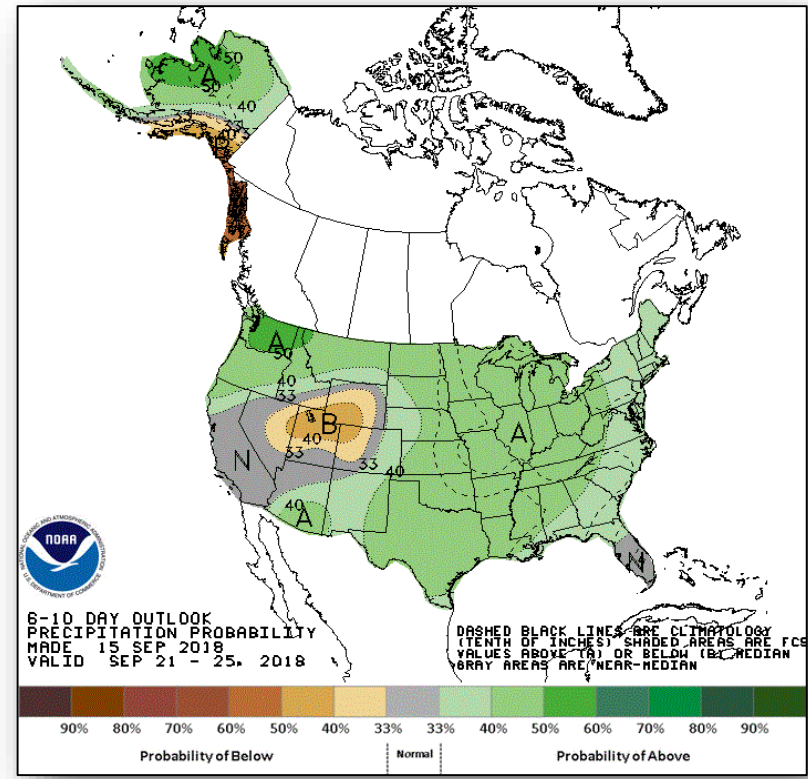
Long Range Outlooks – Sept 21 - 25



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6 - 10 Day Temperature Probability



6 - 10 Day Precipitation Probability

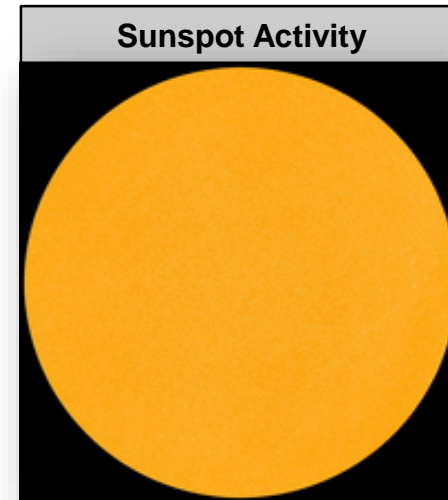
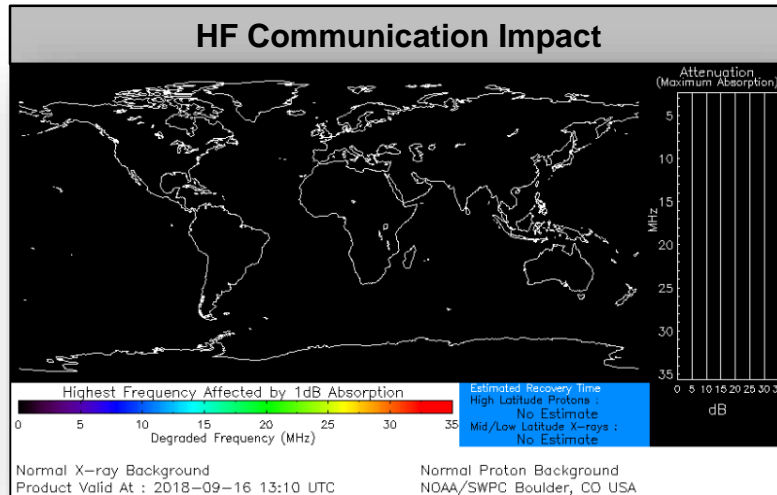
Space Weather



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



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

** Region III PDAs are paused to support R-III operations for Hurricane Florence. The remaining counties will be rescheduled in the future once staffing is available.*

Disaster Requests & Declarations



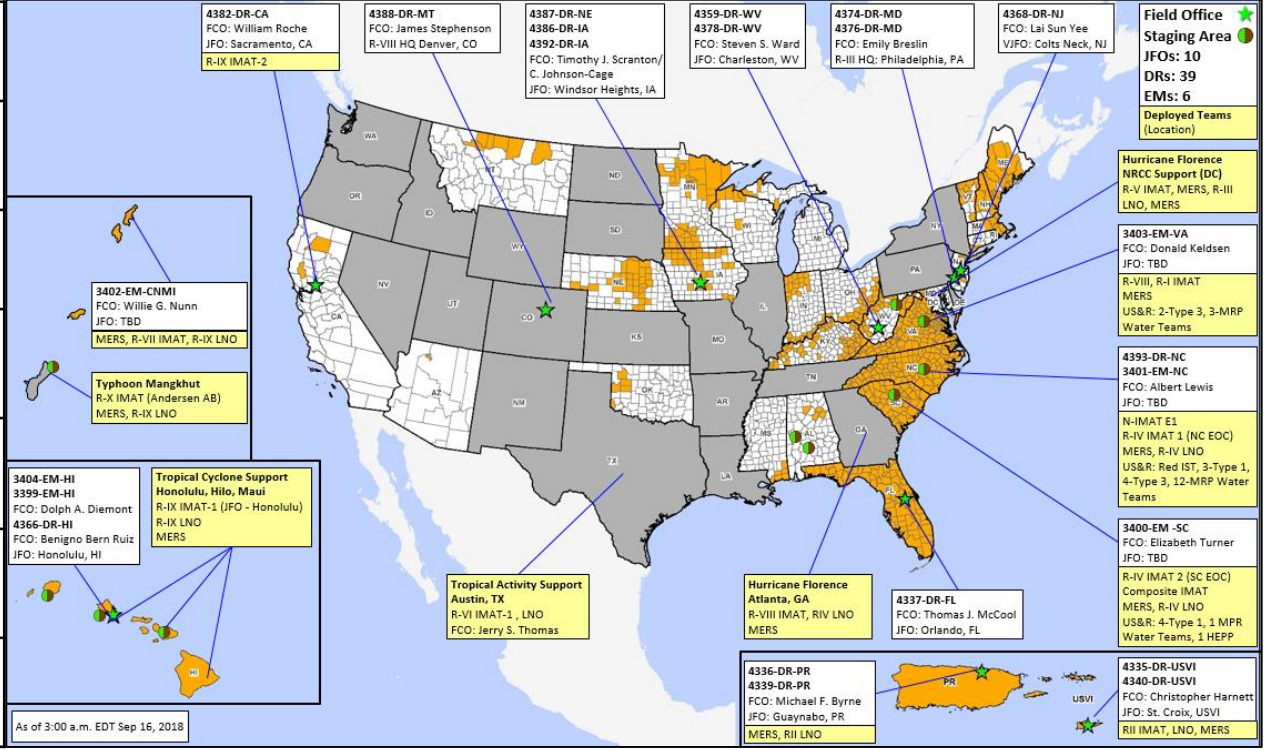
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Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
8	IA	PA	HM	Date Requested	0	0
LA – DR Flooding		X	X	June 29, 2018		
Cheyenne River Sioux Tribe – DR Severe Storm and Straight-line Winds	X	X	X	August 17, 2018		
Oglala Sioux Tribe – DR Severe Storms, Tornadoes, and Straight-line Winds	X		X	August 27, 2018		
NJ – DR Severe Storms and Flooding	X		X	August 30, 2018		
HI – DR Hurricane Lane and Wildfires	X	X	X	September 5, 2018		
PA – (Appeal) DR Severe Storms, Flooding, and Landslides		X	X	September 7, 2018		
NY – DR Severe Storms and Tornadoes		X	X	September 9, 2018		
SC – DR (Expedited) Hurricane Florence	X	X	X	September 14, 2018		

Readiness – Deployable Teams and Assets



Resource	Force Strength	Available	Deployed	Other	Cadres with 25% or Less Availability
IM Workforce	11,847 ▼	1,728 ▼ 15%	6,334 ▲	3,785	DSA 4% (35/837); EHP 15% (57/389); ER 7% (3/43); FL 22% (34/157); FM 22% (57/265); HR 2% (5/235); IA 9% (243/2,797); IA 9% (243/2,797); IT 15% (91/629); LOG 3% (38/1,166); OPS 4% (10/260); PLAN 4% (13/340); SAF 17% (9/53); SEC 12% (13/108)
National IMATs* (1-2 Teams)	East 1: East 2: West:	Deployed Deployed B-2			
Regional IMATs (< 3 Teams)	Assigned: Available: PMC / NMC: Deployed:	13 3 1 9			
National ISBs (0 Teams)	Team A Team B Team C	Deployed Deployed Deployed			
US&R (≥ 33%)	Assigned: Available: PMC / NMC: Deployed:	28 2 (+1) 2 24 (-1)			
MERS (33-65%)	Assigned: Available: PMC / NMC: Deployed:	36 19 0 17			
FCO (≤ 1 Type I)	Assigned: Available: PMC / NMC: Deployed:	33 12 (-1) 2 19 (+1)			
FDRC (≥ 3)	Assigned: Available: PMC / NMC: Deployed:	14 3 (+1) 3 8 (-1)			



* **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



FEMA

Status		Activated Team	Activation Level	Activation Times	Reason / Comments
NWC	Steady State				
NRCC	Activated	Blue	Level I	24/7	Tropical Activity – Atlantic
HLT	Activated				
RWC / MOCs (10 Regions)	Activated	Region III Region VI	Enhanced Watch Returned to Steady State	Night shift	Hurricane Florence Tropical Activity (Invest 95L)
RRCCs (10 Regions)	Activated	Region III Region IV Region VI	Level II Level I Level III	Day shift 24/7 Day shift	Hurricane Florence Hurricane Florence Tropical Activity (Invest 95L)



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