

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.



FEMA

Daily Operations Briefing

Friday, September 21, 2018

8:30 a.m. EDT

Significant Activity – Sep 20-21



Significant Events: Hurricane Florence response

Tropical Activity:

- Atlantic – Disturbance 1: Medium (60%); Disturbance 2: Low (10%); Disturbance 3: Low (20%); Disturbance 4: High (70%)
- Eastern Pacific – Disturbance 1: Low (10%); Disturbance 2: Medium (40%)
- Central Pacific – No new tropical cyclones are expected during next 48 hours
- Western Pacific – No activity affecting U.S. interests

Significant Weather:

- Flash flooding possible – Southern Plains to Lower Mississippi Valley
- Severe thunderstorms possible – Ohio Valley to Great Lakes
- Elevated fire weather – CA, OR, NV, & WY
- Red Flag Warnings - WY

Declaration Activity:

- Emergency Declaration request – Commonwealth of the Northern Mariana Islands
- Amendment No. 4 to FEMA-3385-EM-FL
- Amendment No. 4 to FEMA-3388-EM-STOF
- Amendment No. 3 to FEMA-3395-EM-FL
- Amendment No. 16 to FEMA-4337-DR-FL
- Amendment No. 4 to FEMA-4341-DR-STOF
- Amendment No. 3 to FEMA-4363-DR-IN
- Amendment No. 1 to FEMA-4381-DR-MI
- Amendment No. 1 to FEMA-4383-DR-WI
- Amendment No. 2 to FEMA-4382-DR-CA

Tropical Cyclone Florence – Lifelines



Safety & Security: NC: Sector NC and State of NC deployed air assets to evacuate approximately 200 survivors, due to White Oak Dike breach near Kelly (Cape Fear River), no deaths or serious injury reported

Food, Water and Shelter: NC: FEMA DSA conducting registration intake in [Wilmington & New Bern](#) shelters

Health and Medical: 40 Confirmed fatalities in NC & SC

- NC: 52 shelters open with a population of 5,222 evacuees
- Community Water Systems: 48 operating with restrictions (affecting 529,466), 9 non-operational (affecting 4,842)

Energy:

- NC: 112,947 (2.3%) total outages reported statewide; largest concentration of customer outages in New Hanover County
- 16% of gas stations out-of-service due to lack of fuel and/or power; Fuel outages are concentrated in Wilmington

Communications: 24% of broadband internet service out in impacted counties, largely attributed to lack of power, repopulation to area increasing reporting of outages, and debris removal

Transportation:

- NC: Approximately 813 roads closed due to flooding; to include closures on I-95, I-40 and US-70
- [SC: Monitoring US-17 and US-501 for potential flooding](#)

Hazardous Waste: NC: 6 (+1) hog lagoons have structural damage, 21 (+4) have become inundated, and 30 (+9) have overtopped; no unmet requirements at this time

FEMA HQ

- NRCC at [Level III \(Day shift\)](#); Enhanced Watch (Night shift)
- National IMAT East-1 deployed to NC EOC
- Composite IMAT deployed to SC EOC
- MERS assets deployed
- Region VIII IMAT deployed to NC EOC
- Region V IMAT deployed to FEMA HQ (DC)

Region IV

- RRCC at Level II with select ESFs (Day shift)
- 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: EOCs at Monitoring (EMAC support)

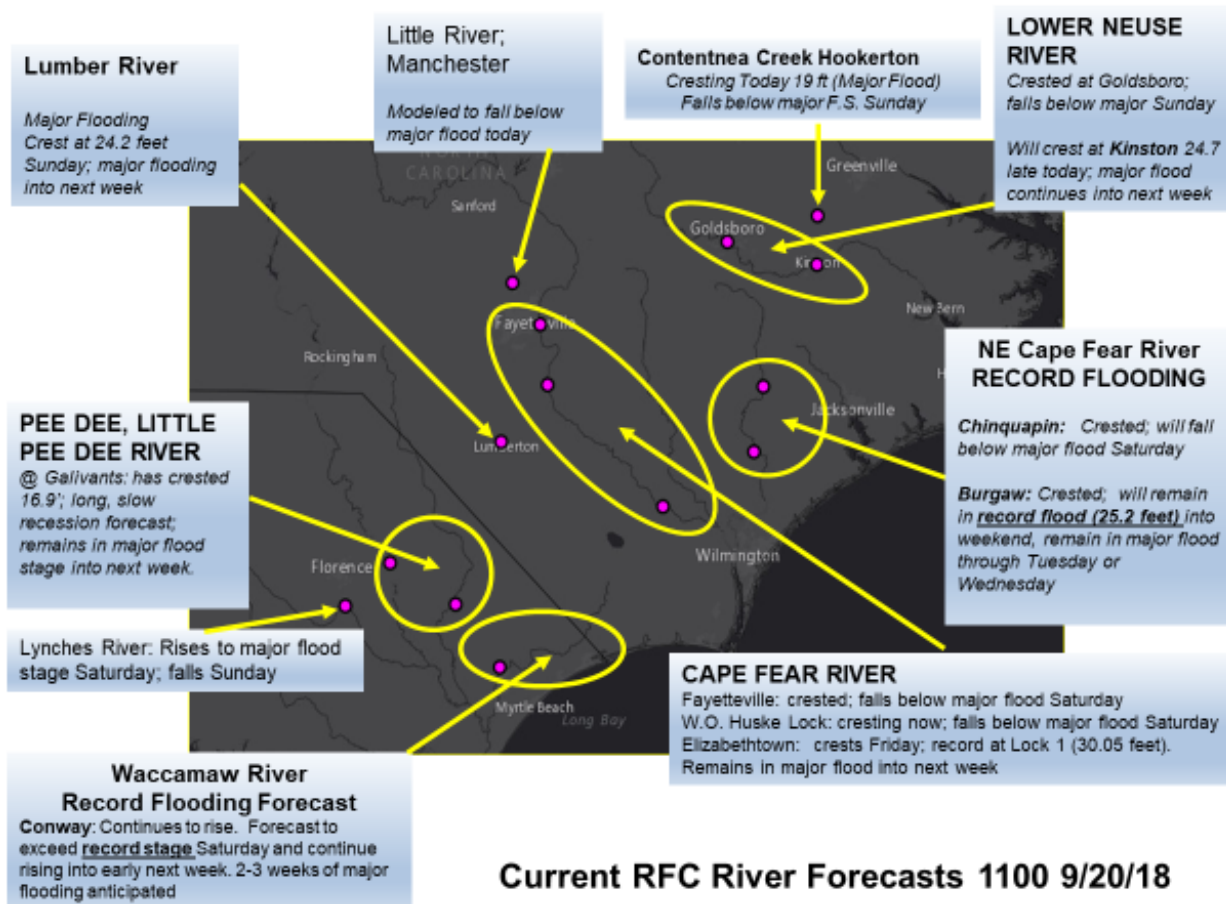
Region III

- [2 IMATs \(Type III\) demobilizing from VA](#)
- Virginia (FEMA-3403-EM-VA): EOC at Monitoring

River Flood Update



FEMA



Current RFC River Forecasts 1100 9/20/18

Tropical Outlook – Atlantic



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

- Located 600 miles SE of the Cabo Verde Islands; moving W at 15-20 mph
- Conducive for slow development; tropical depression could form early next week
- Formation chance through 48 hours: Low (20%)
- Formation chance through 5 days: Medium (60%)

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

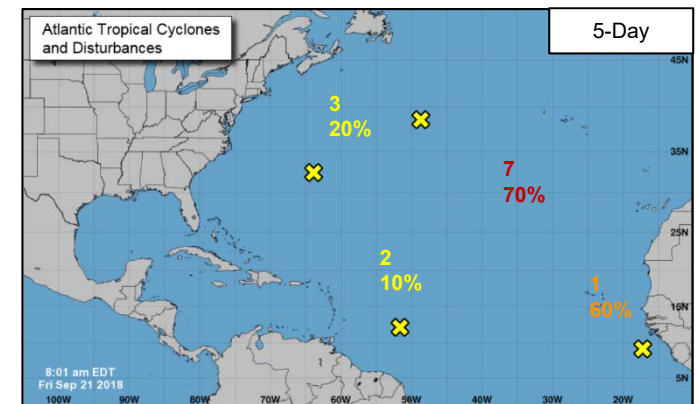
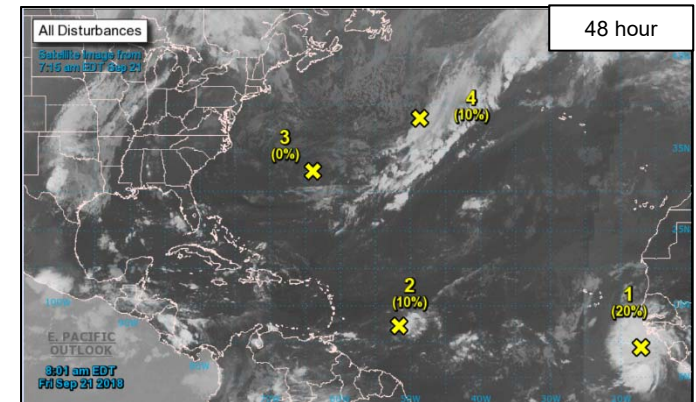
- Located 600 miles E of Windward Islands; moving WNW at 10 mph
- Dry mid-level air and strong upper-level winds expected to hinder development
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (10%)

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

- Located just SE of Bermuda; moving W at 10-15 mph
- Dry mid-level air and strong upper-level winds expected to inhibit significant development over next few days
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Low (20%)

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

- Non-tropical low pressure system forecast to develop between Bermuda and Azores; meandering over central Atlantic Ocean
- Conditions conducive for system to acquire subtropical or tropical characteristics
- Subtropical or tropical cyclone expected to form late this weekend or early next week
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: High (70%)



Tropical Outlook – Eastern Pacific

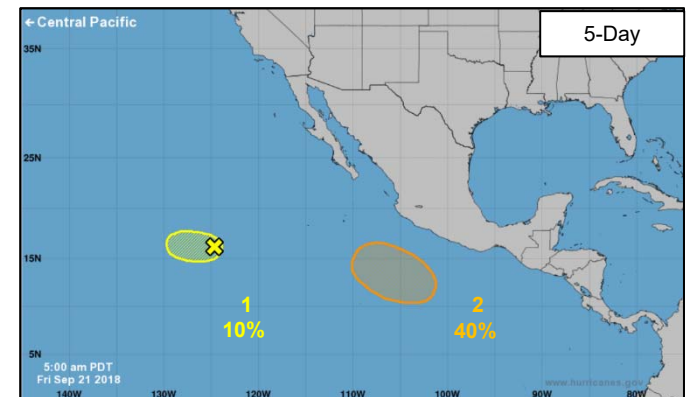
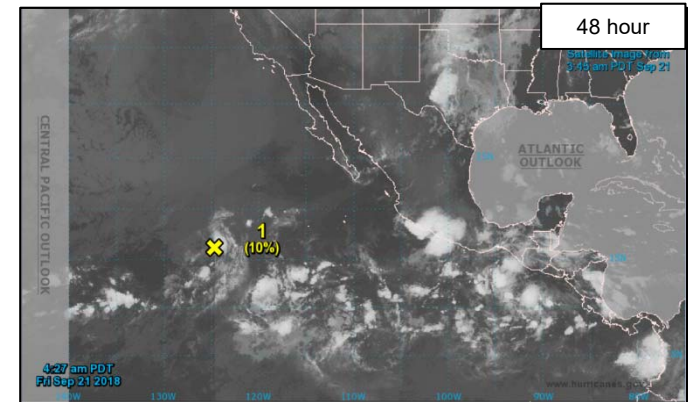


Disturbance 1 (as of 8:00 a.m. EDT)

- Located 1,100 miles WSW of the southern tip of Baja California Peninsula, Mexico
- Moving WNW at 10 mph
- Strong upper level winds should make development less likely
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (10%)

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

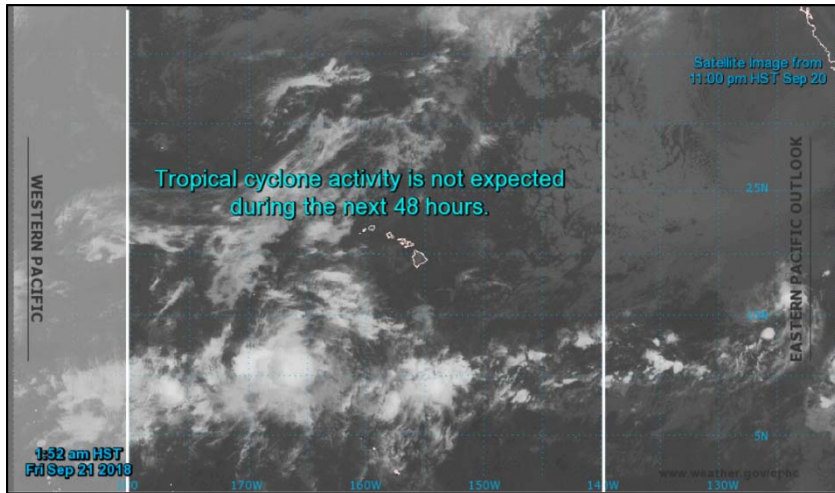
- Area of low pressure expected to form in a couple of days well to the south of the southern coast of Mexico
- Moving nearly parallel and well offshore of southwestern coast of Mexico
- Some slow development is possible early next week
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Medium (40%)



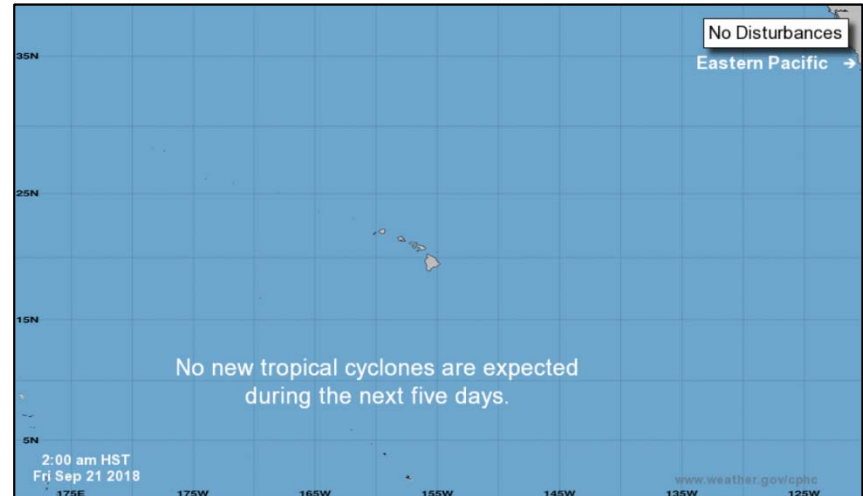
Tropical Outlook – Central Pacific



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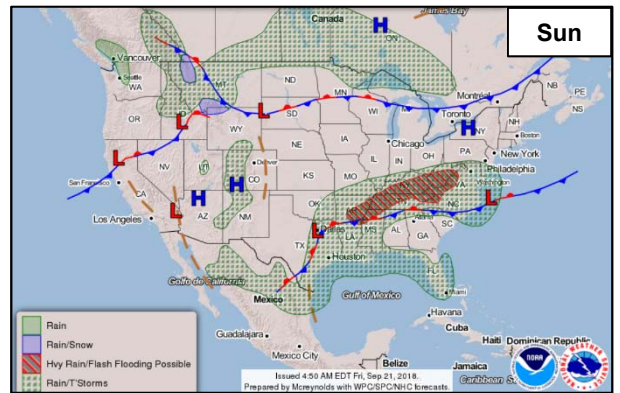
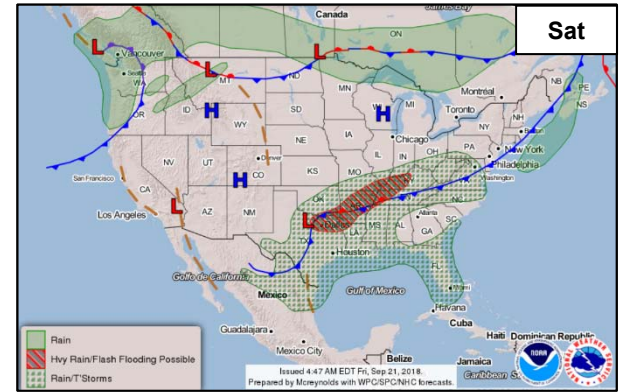
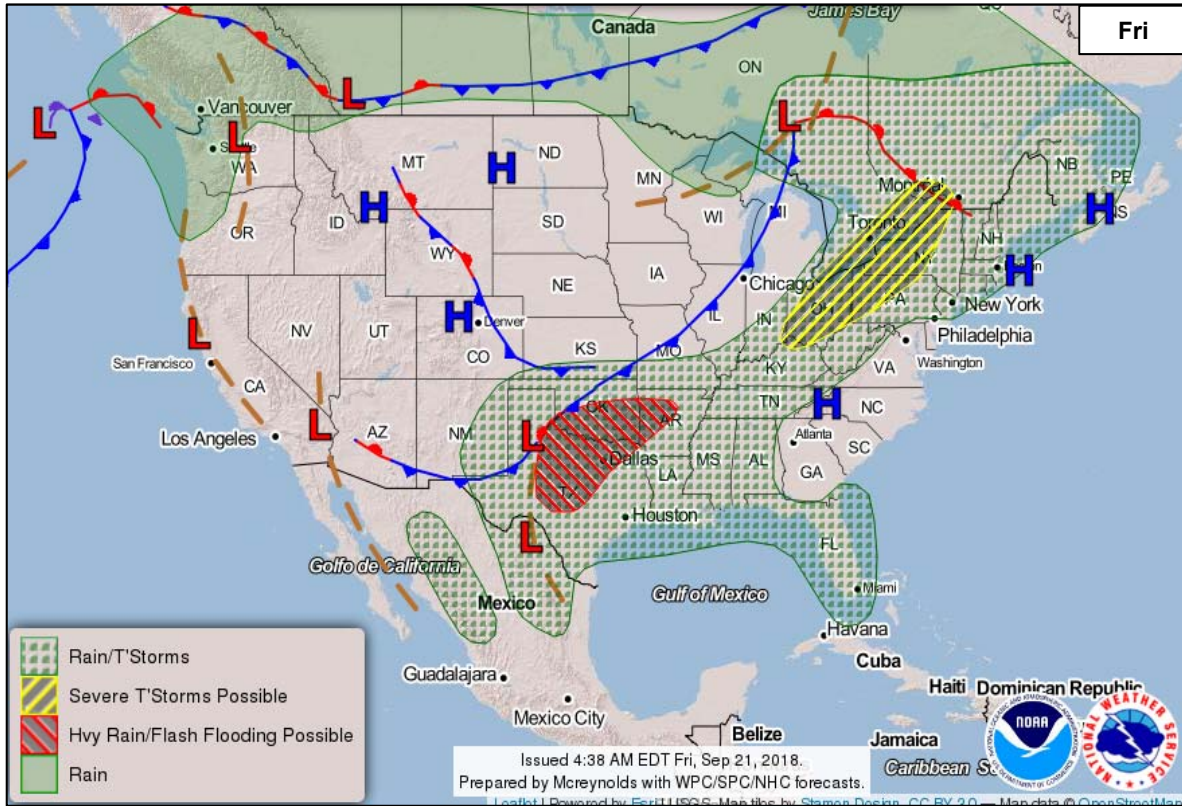


48 Hour Outlook



5 Day Outlook

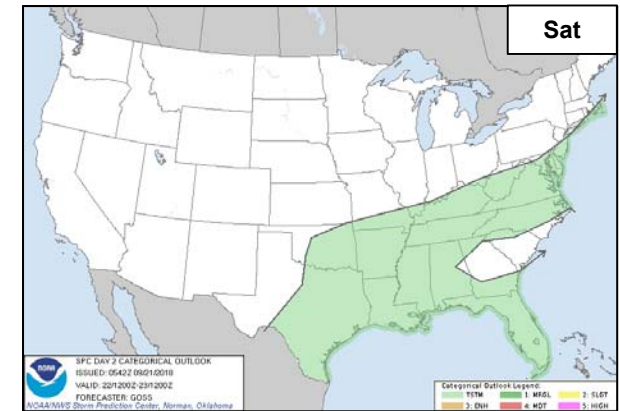
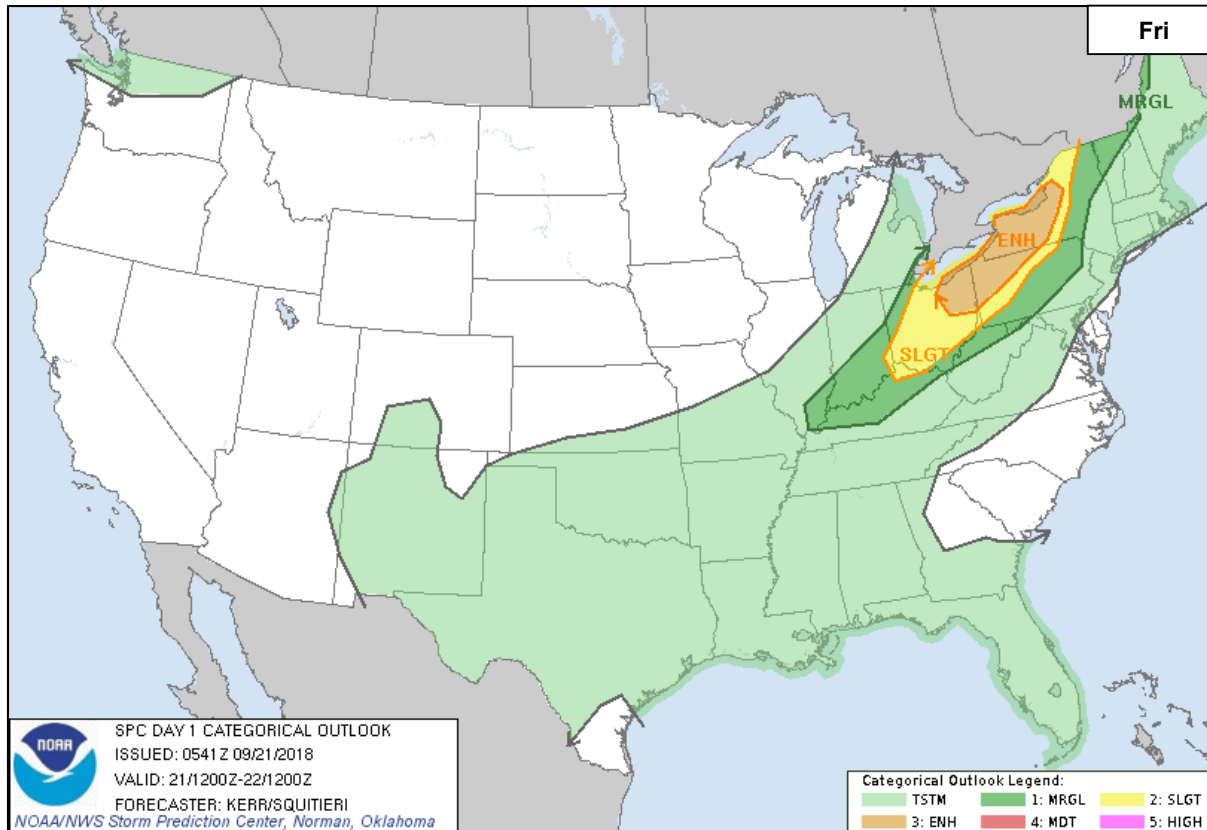
National Weather Forecast



Severe Weather Outlook



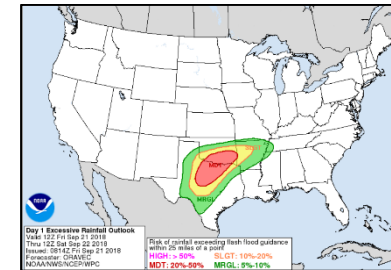
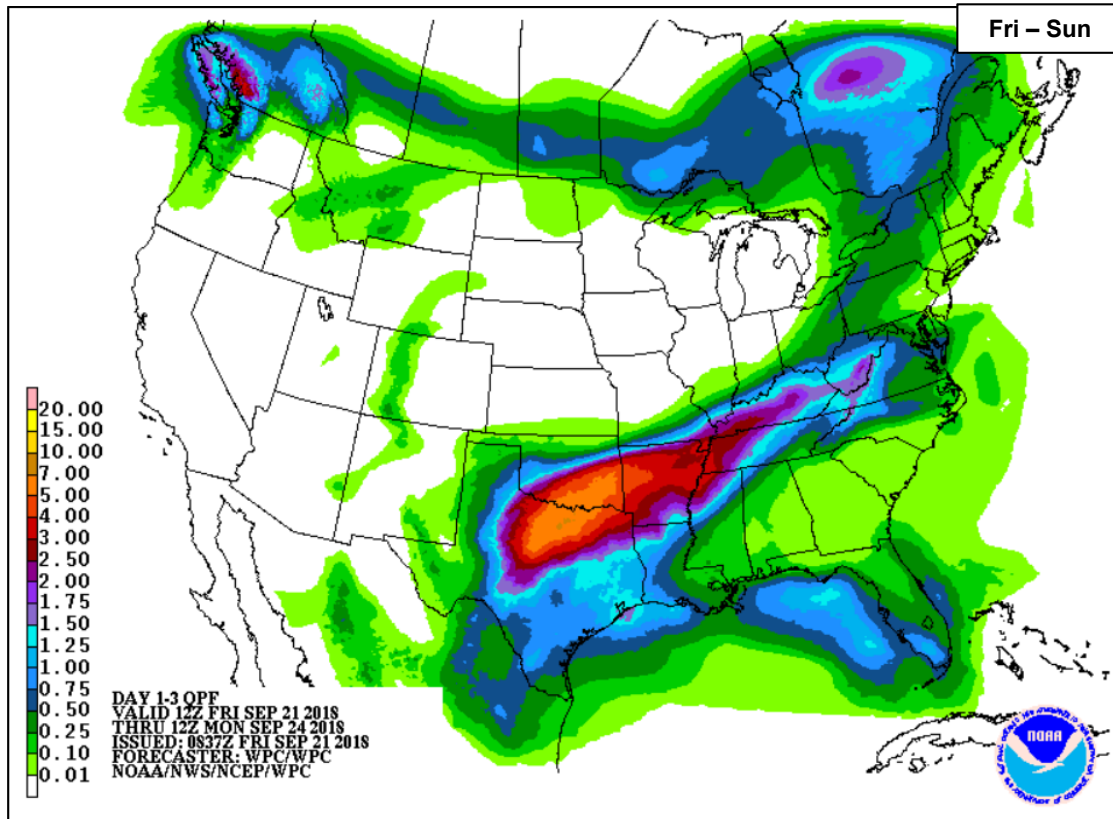
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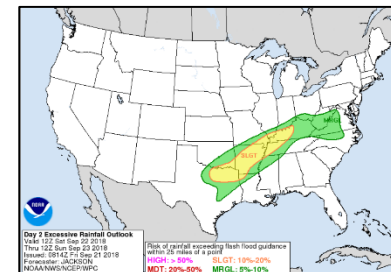
Precipitation / Excessive Rainfall Forecast



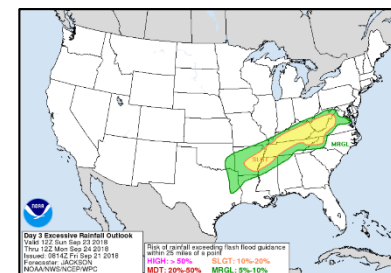
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Fri

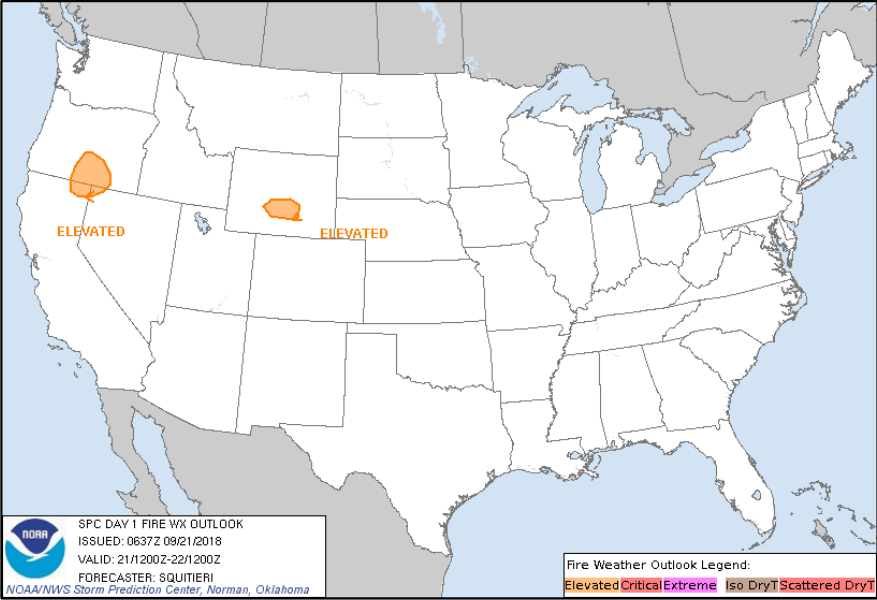


Sat

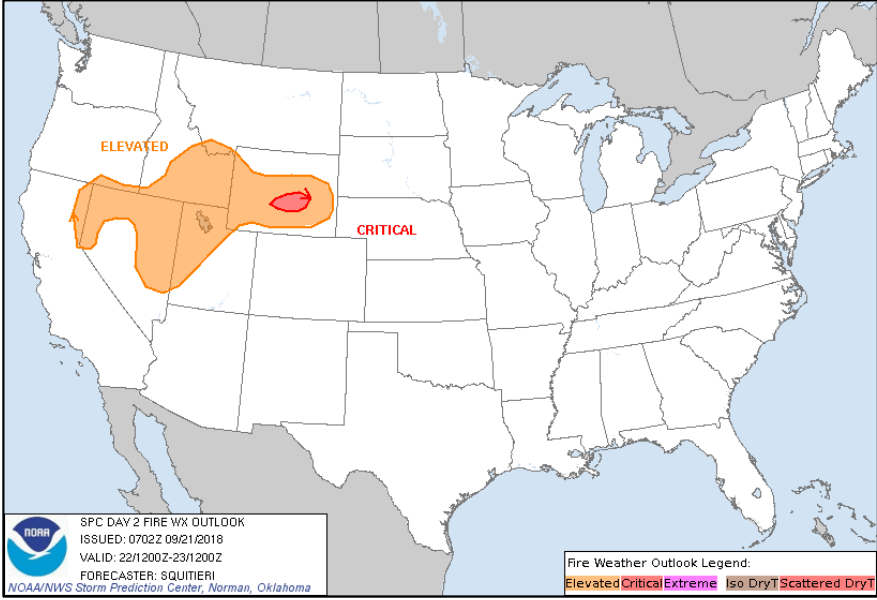


Sun

Fire Weather Outlook



Thursday

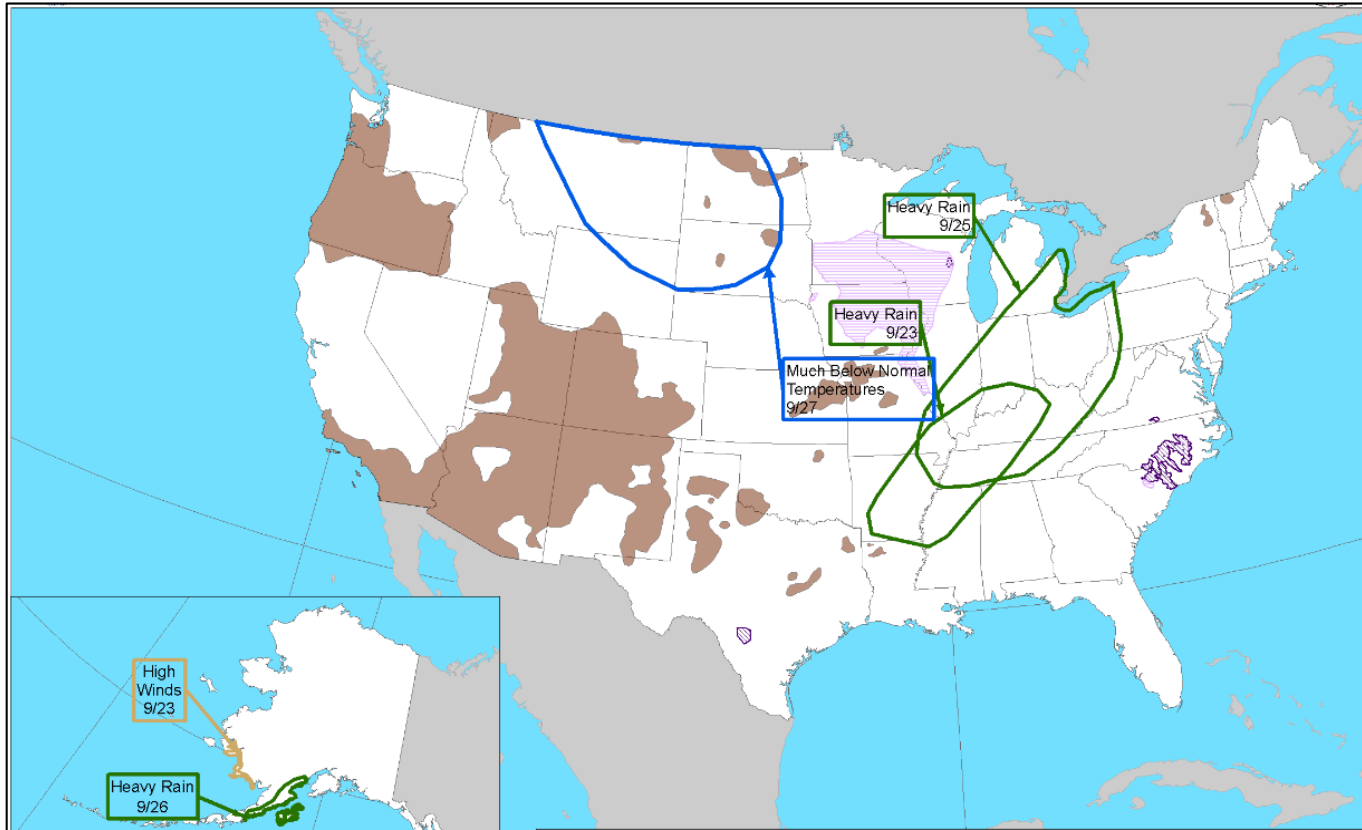


Friday

Hazards Outlook – Sep 23-27



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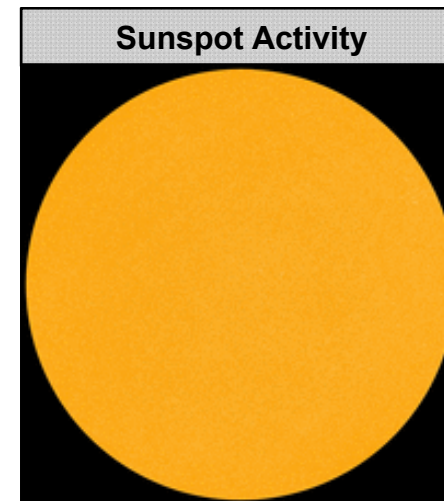
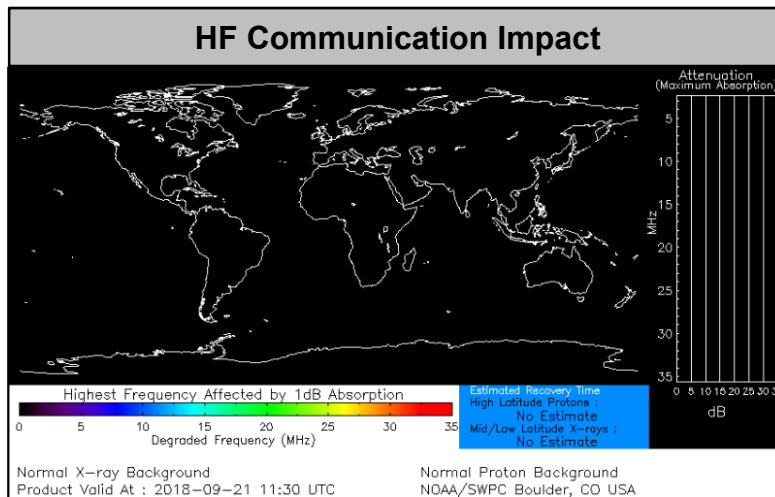
Space Weather



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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>



Wildfire Summary



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Fire Name (County)	FMAG Number	Acres Burned	Percent Contained	Evacuations	Structures			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
Wyoming (1)								
Roosevelt Fire (Sublette)	5276-FM-WY	31,681 (+2519)	0%	Mandatory	472 (+222) (251 homes)	0	1 home (+1)	0 / 0

Joint Preliminary Damage Assessments



Region	State / Location	Event	IA / PA	Number of Counties		Start – End
				Requested	Completed	
III	PA	Severe Weather July 21-27, 2018	IA	12	6 (+1)	9/5 – TBD
			PA	14 (+1)	6	9/5 – TBD
	PA	Severe Weather August 10-15, 2018	IA	14	6 (+2)	9/5 – TBD
			PA	13 (-2)	4 (+2)	9/5 – TBD
V	WI	Flooding and Severe Weather August 17 – September 14, 2018	IA	16	0	9/24 – TBD
			PA	15	0	9/24 – TBD

Declaration Request



Commonwealth of the Northern Mariana Islands

- The Governor requested a Major Disaster Declaration on September 20, 2018
- For Typhoon Mangkhut during the period of September 10-11, 2018
- Requesting:
 - Individual Assistance for 3 islands
 - Public Assistance for 3 islands
 - Hazard Mitigation for the entire commonwealth



■ IA/PA

Disaster Requests & Declarations



Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
6	IA	PA	HM	Date Requested	0	0
LA – DR Flooding		X	X	June 29, 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		
CNMI – DR Typhoon Mangkhut	X	X	X	September 20, 2018		

Disaster Amendments



Amendment	Date Issued	Action
Amendment No. 4 to FEMA-3385-EM-FL	August 29, 2018	Appoints new FCO
Amendment No. 4 to FEMA-3388-EM-STOF	August 29, 2018	Appoints new FCO
Amendment No. 16 to FEMA-4337-DR-FL	August 29, 2018	Appoints new FCO
Amendment No. 4 to FEMA-4341-DR-STOF	August 29, 2018	Appoints new FCO
Amendment No. 3 to FEMA-3395-EM-FL	August 29, 2018	Appoints new FCO
Amendment No. 3 to FEMA-4363-DR-IN	September 7, 2018	Appoints new FCO
Amendment No. 1 to FEMA-4381-DR-MI	September 7, 2018	Appoints new FCO
Amendment No. 1 to FEMA-4383-DR-WI	September 7, 2018	Appoints new FCO
Amendment No. 2 to FEMA-4382-DR-CA	September 14, 2018	Appoints new FCO

Readiness – Deployable Teams and Assets



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Resource	Force Strength	Available	Deployed	Other	Cadres with 25% or Less Availability
IM Workforce	11,932 ▲	2,075 ▲ 17%	6,395 ▼	3,462	DSA 12% (103/836); EHP 8% (32/412); ER 2% (1/44); FL 22% (34/157); FM 18% (49/267); HM 22% (210/970); HR 7% (16/236); IA 18% (517/2,807); IT 9% (54/637); LOG 10% (112/1,163); OPS 14% (37/265); PA 11% (191/1,819); PLAN 10% (35/336); SAF 2% (1/53); SEC 6% (6/109)
National IMATs* (1-2 Teams)	East 1: Composite: West:	Deployed Deployed B-2			<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <p>4382-DR-CA FCO: William Roche JFO: Sacramento, CA R-IX IMAT-2</p> </div> <div style="width: 33%;"> <p>4388-DR-MT FCO: James Stephenson Denver, CO</p> </div> <div style="width: 33%;"> <p>4375-DR-NE 4387-DR-NE 4386-DR-IA 4392-DR-IA FCO: Timothy J. Scranton/ C. Johnson-Cage JFO: Windsor Heights, IA</p> </div> <div style="width: 33%;"> <p>4359-DR-WV 4378-DR-WV FCO: Steven S. Ward JFO: Charleston, WV</p> </div> <div style="width: 33%;"> <p>4374-DR-MD 4376-DR-MD FCO: Emily Breslin R-III HQ: Philadelphia, PA</p> </div> <div style="width: 33%;"> <p>4368-DR-NJ FCO: Lai Sun Yee JFO: Colts Neck, NJ</p> </div> </div>
Regional IMATs (< 3 Teams)	Assigned: Available: PMC / NMC: Deployed:	13 3 3 7			<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <p>3402-EM-CNMI FCO: Willie G. Nunn JFO: TBD R-VII IMAT, R-IX LNO</p> </div> <div style="width: 33%;"> <p>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)</p> </div> <div style="width: 33%;"> <p>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</p> </div> </div>
National ISBs (0 Teams)	Team A Team B Team C	Deployed Deployed Deployed			<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <p>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</p> </div> <div style="width: 33%;"> <p>4336-DR-PR 4339-DR-PR FCO: Justo Hernandez JFO: Guaynabo, PR IMERS</p> </div> <div style="width: 33%;"> <p>4337-DR-FL FCO: Thomas J. McCool JFO: Orlando, FL</p> </div> </div>
US&R ($\geq 33\%$)	Assigned: Available: PMC / NMC: Deployed:	28 8 (+2) 11 (+3) 9 (-5)			<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <p>4394-DR-VA FCO: Donald Keldsen JFO: TBD US&R: 2-Type 3, 3-MRP Water Teams</p> </div> <div style="width: 33%;"> <p>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</p> </div> </div>
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			

* **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



Status		Activated Team	Activation Level	Activation Times	Reason / Comments
NWC	Steady State		Enhanced Watch	Day shift (beginning Sep 24)	U.N. General Assembly
NRCC	Activated	Blue	Level III Enhanced Watch	Day shift Night shift	Tropical Cyclone Florence
HLT	Activated				
RWC / MOCs (10 Regions)	Available				
RRCCs (10 Regions)	Activated	Region IV	Level II	Day shift	Tropical Cyclone Florence



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