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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, October 12, 2015**

**8:30 a.m. EDT**



# Significant Activity: Oct 11-12



**Significant Events:** Southeast Flooding

**Tropical Activity:**

- Atlantic: Tropical cyclone activity not expected next 48 hours
- Eastern Pacific: Disturbance 1 – Low chance (10%)
- Central Pacific: Tropical Storm Nora
- Western Pacific: No activity affecting U.S. territories

**Significant Weather:**

- Rain – Florida peninsula; Northern Plains to Upper Mississippi Valley
- Rain/snow – Northern Intermountain
- Critical/Elevated Fire Weather Areas – MT, WY, SD, NE, KS, OK & TX
- Red Flag Warnings – MT, WY, NE, KS, OK & TX
- Space weather: Past 24 hours – none; next 24 hours – minor, G1 geomagnetic storms predicted

**Declaration Activity:** None



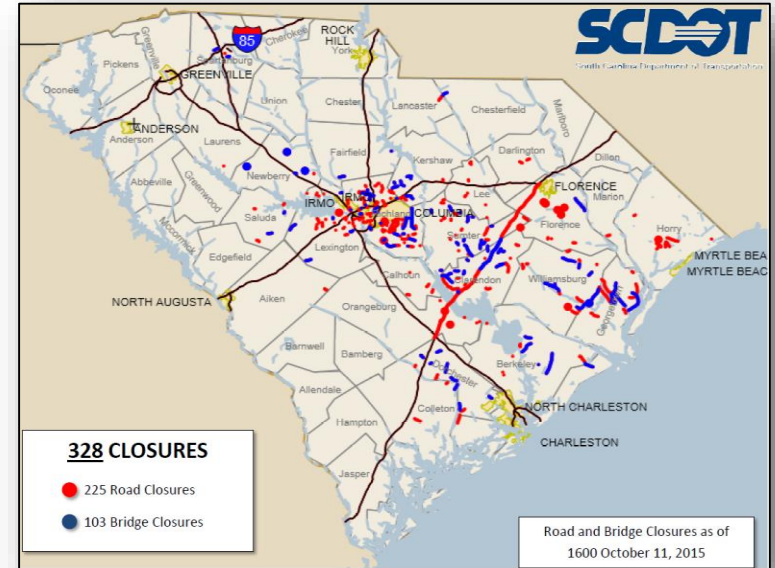
# Flooding – Southeast

## **Situation:**

- Very little rainfall expected over next few days; all significant river levels have crested & rivers will gradually recede
- Although river conditions are improving, flood conditions will persist for a few weeks, especially in eastern SC

## **Impacts - South Carolina:**

- Fatalities: 19 confirmed storm related fatalities (no change)
- Shelters: 13 (-8) shelters open w/ 356 (-173) occupants (*Region IV Update, 2:30 am EDT*)
- Water: Hospitals/public requirements met, no unmet needs identified
- Dams: 20 confirmed breaches (all earthen dams)
- Transportation: 225 (-4) road and 103 (-2) bridge closures statewide
  - Portions of I-95 are open for local traffic only (closed from MM 119 to 135)
  - Full service expected to be restored to Amtrak today
  - Most CSX rail closures expected to be back online by Tuesday
  - Norfolk Southern operations restored on most key rail lines except for Columbia-Spartanburg Line; will take 2-3 weeks to repair
- Schools/Government offices closed through Monday





# Flooding Response – Southeast



## State / Local:

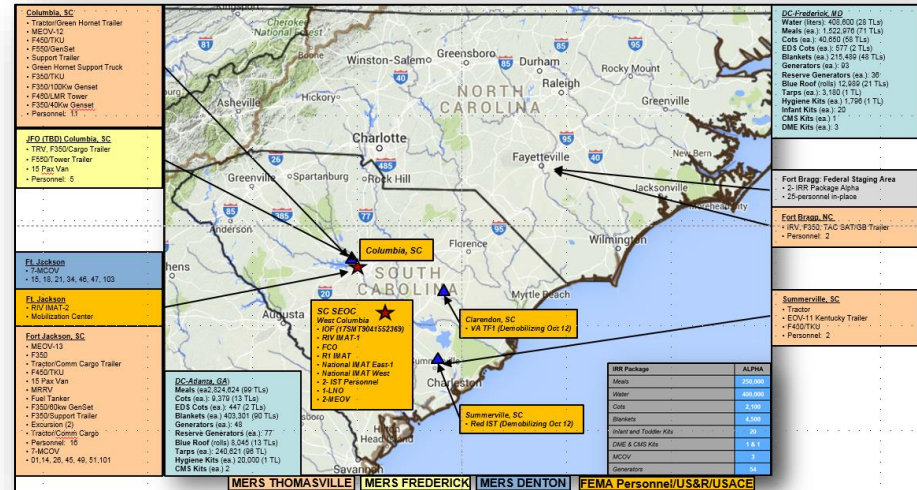
- SC EOC is Fully Activated; State of Emergency declared
- 13 PA & 7 IA Joint PDAs expected to begin this week

## FEMA Region IV:

- RRCC at Level III (day shift); all ESFs released but remain in recall status through Oct 13
- RWC at Enhanced Watch (5:00 p.m. to midnight EDT)
- Region I IMAT-1, Region IV IMAT-1 & IMAT-2, LNO & FCO deployed to SC
- Opening date of JFO TBD; transfer of control from IOF to JFO expected to begin Monday, Oct 12
- 7 DRCs open, soft opening for 3 additional DRCs today, Oct 12

## FEMA HQ:

- NRCC not activated; NWC at Enhanced Watch, 24/7
- National IMATs East-1 & West deployed to SC
- US&R: VA-TF2 demobilized Oct 11; VA-TF1 & IST Red will demobilize today, Oct 12
- MERS Communication package & 14 MCOVs deployed to SC
  - 6 additional MCOVs have been requested
- Logistics: FSA established at Ft. Bragg, NC
  - 30 DRC kits & 15 Accessibility kits deployed to SC



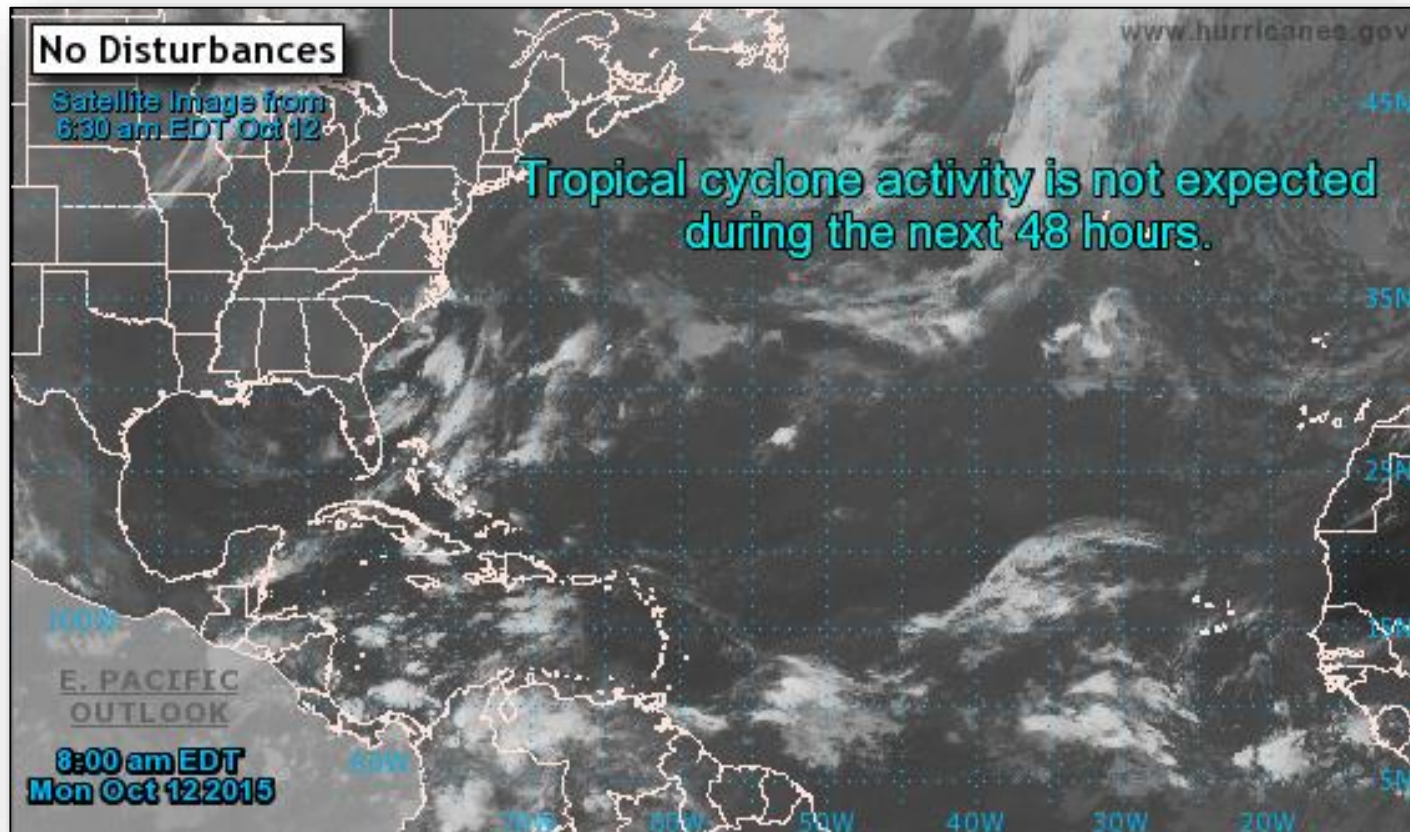
Force Laydown



# 2 Day Tropical Outlook – Atlantic



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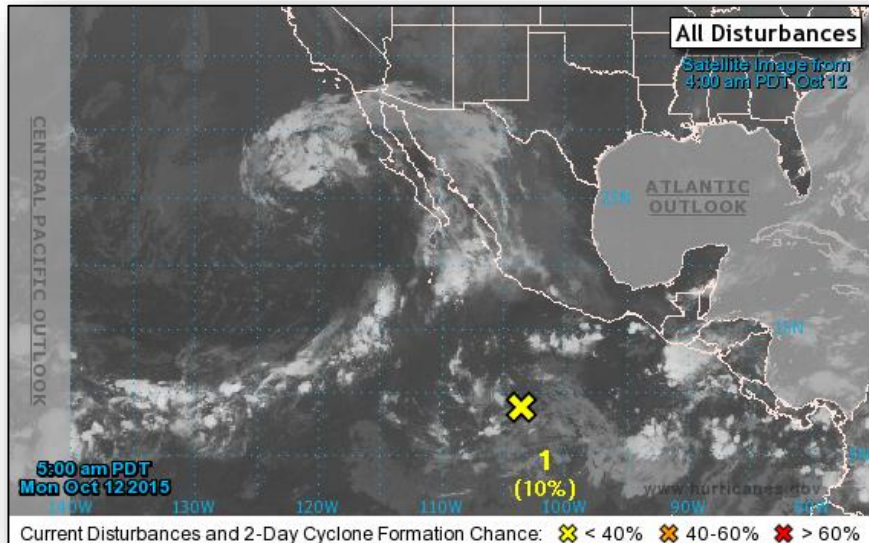




# 2 Day Tropical Outlook – Eastern Pacific



FEMA

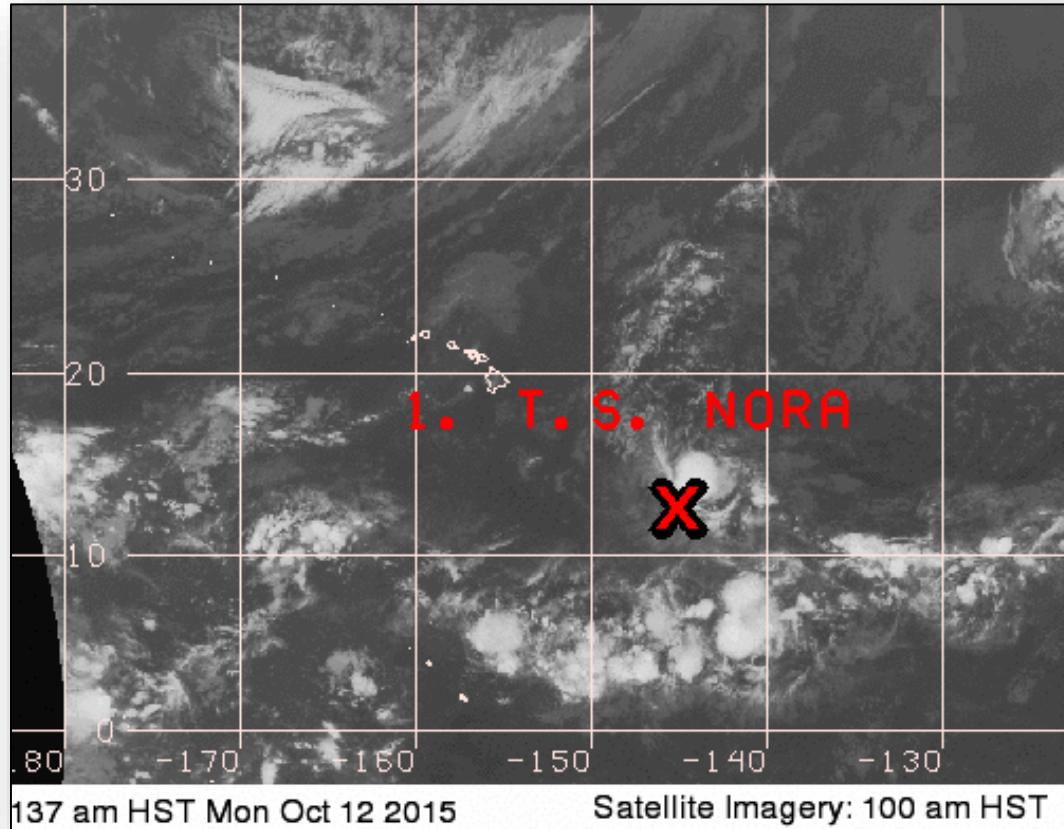


## Disturbance #1 (As of 8:00 a.m. EDT)

- Located 875 miles S of Manzanillo, Mexico
- Moving W at 10-15 mph
- Conditions expected to be conducive for slow development
- Tropical depression likely to form later this week
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: High (80%)

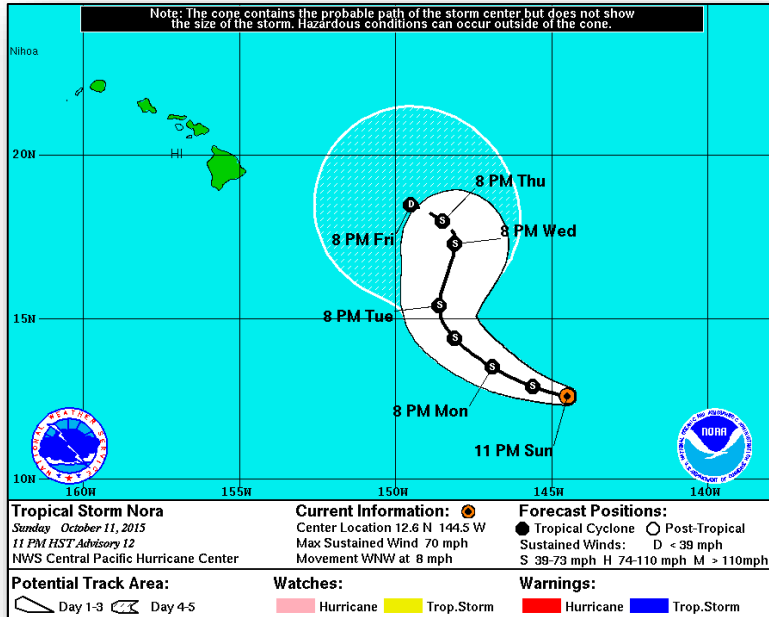


# 2 Day Tropical Outlook – Central Pacific





# Central Pacific – Tropical Storm Nora

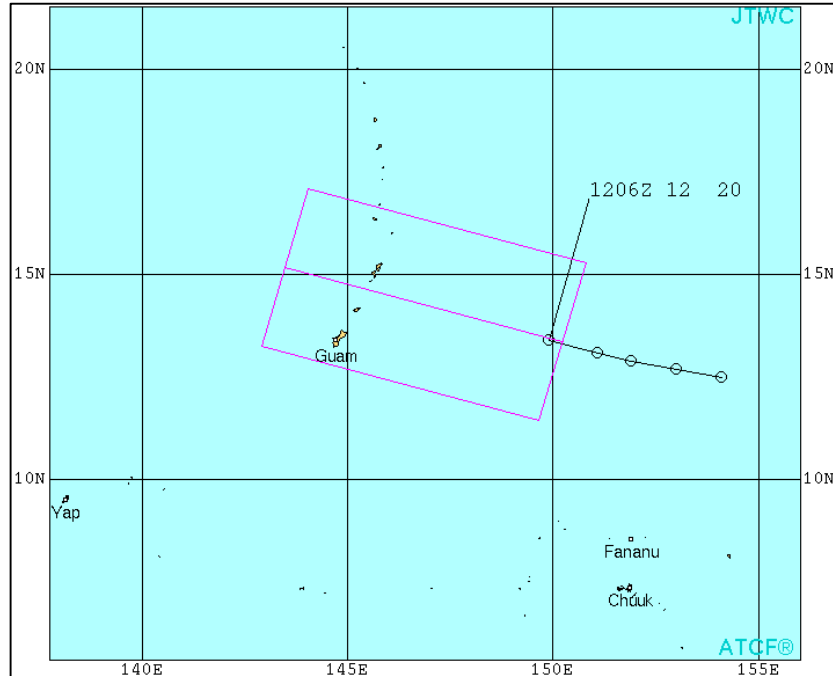


## Tropical Storm Nora (Advisory 12 as of 5:00 a.m. EDT)

- Located 855 miles ESE of Hilo, HI
- Moving WNW at 8 mph
- Turn NW with reduction in forward speed tonight thru Tuesday
- Maximum sustained winds 70 mph
- Little change in intensity expected thru today, slow weakening forecast tonight thru Tuesday evening
- Tropical storm-force winds extend 70 miles



# Western Pacific – Invest 91W

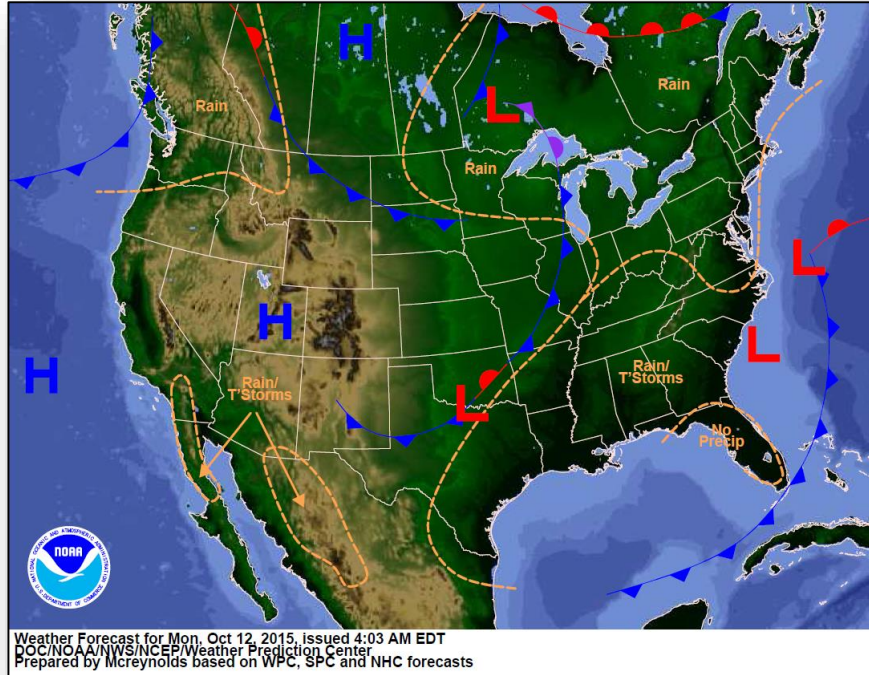


## **Invest 91W** (*As of 8:00 a.m. EDT*)

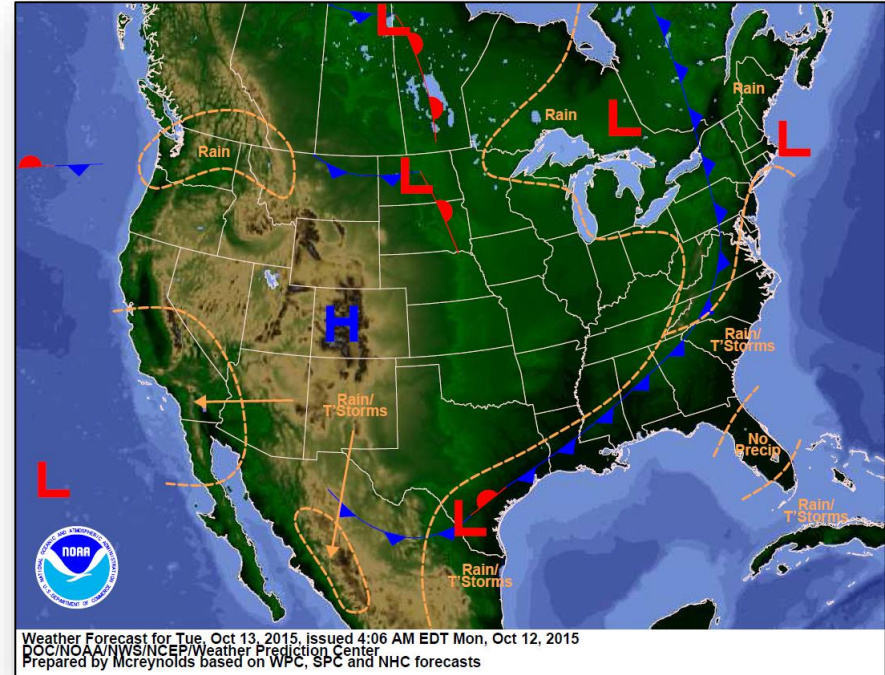
- Located 300 miles ESE of Saipan
- Moving WNW at 14 mph
- Maximum sustained winds are 21-26 mph
- Moving into are more favorable environment for formation
- Potential for development next 23 hours: High



# National Weather Forecast



*Today*



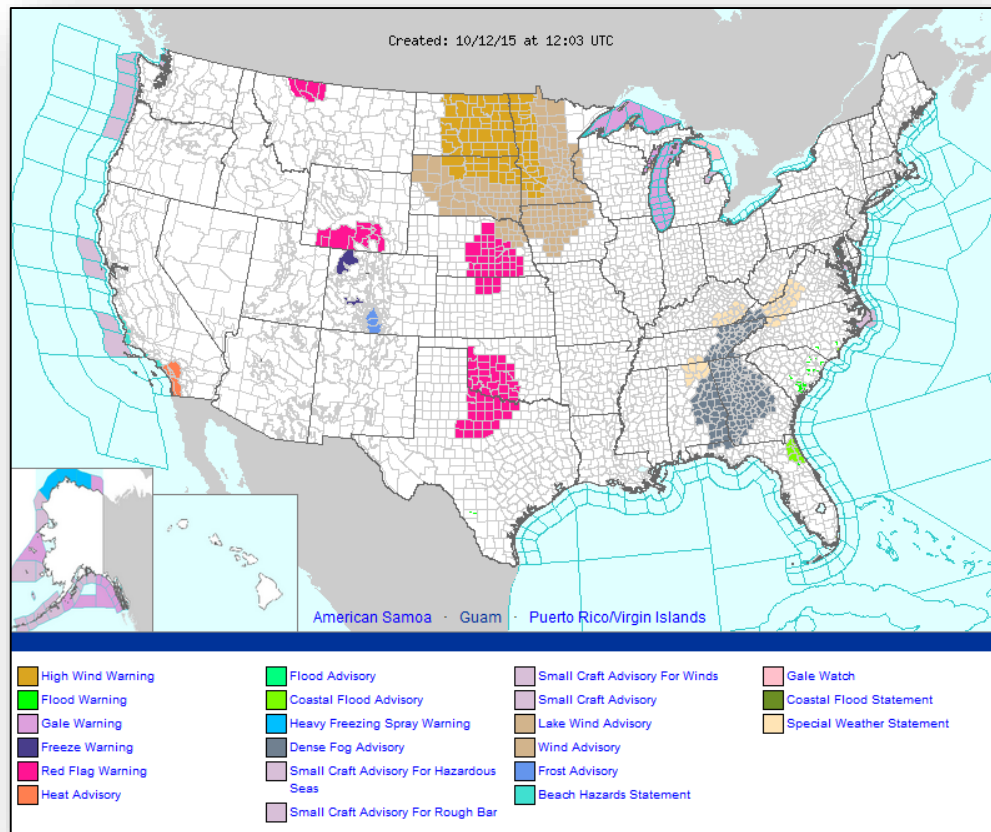
*Tomorrow*



# Active Watches/Warnings

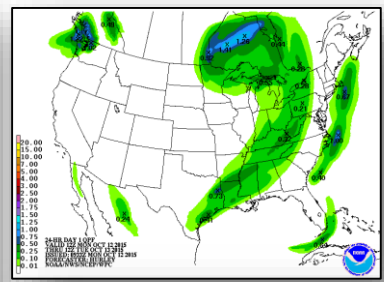
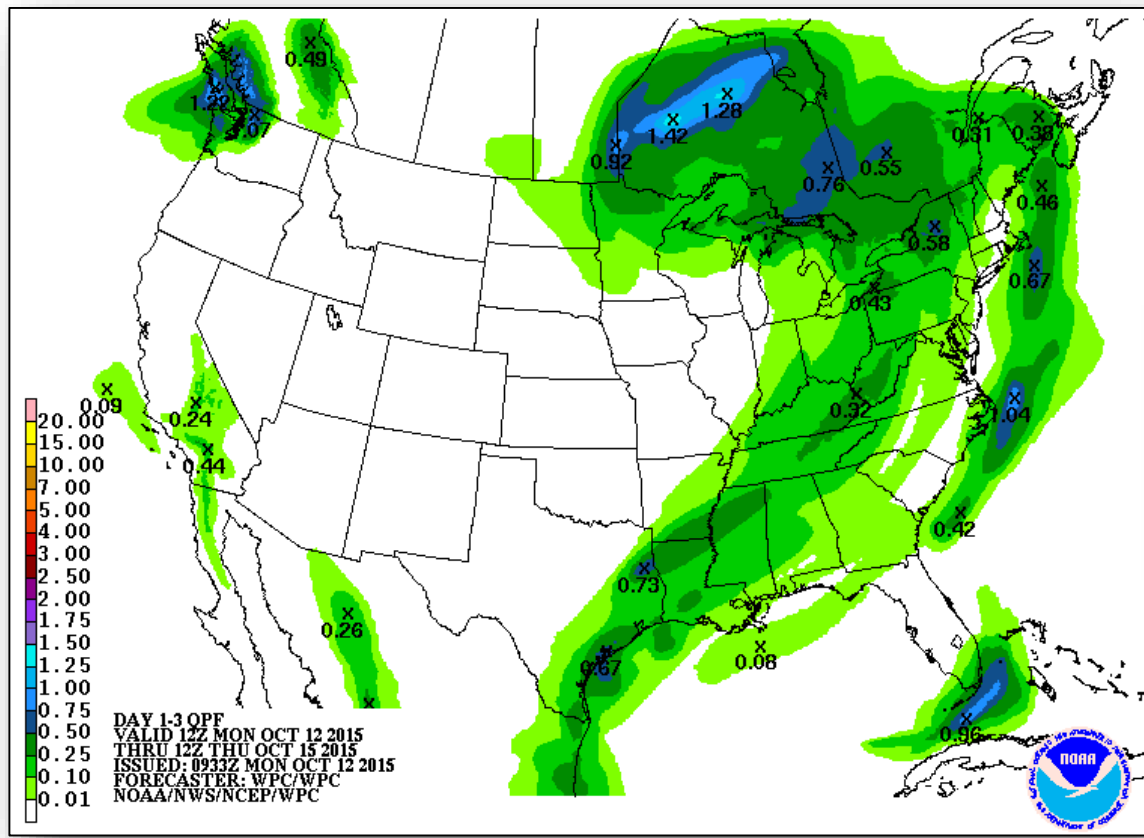


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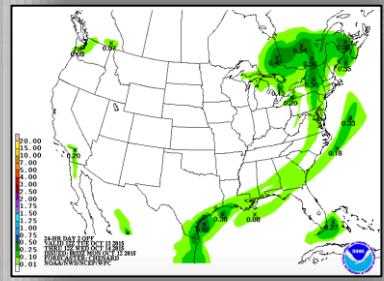




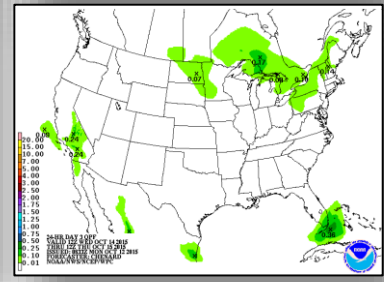
# Precipitation Forecast, 1-3 Day



Day 1



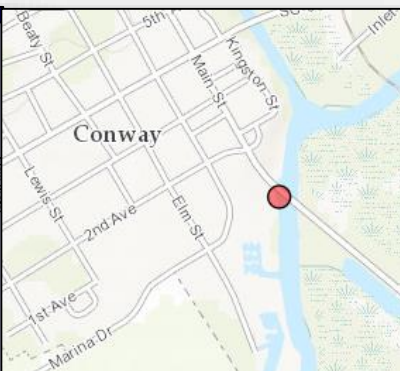
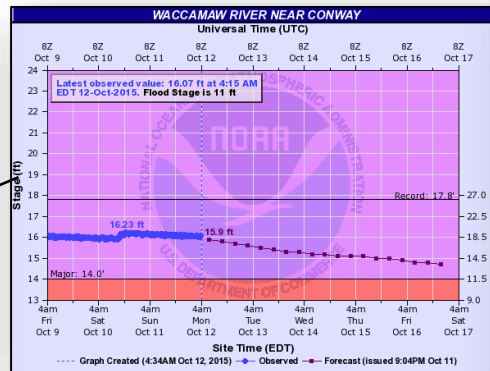
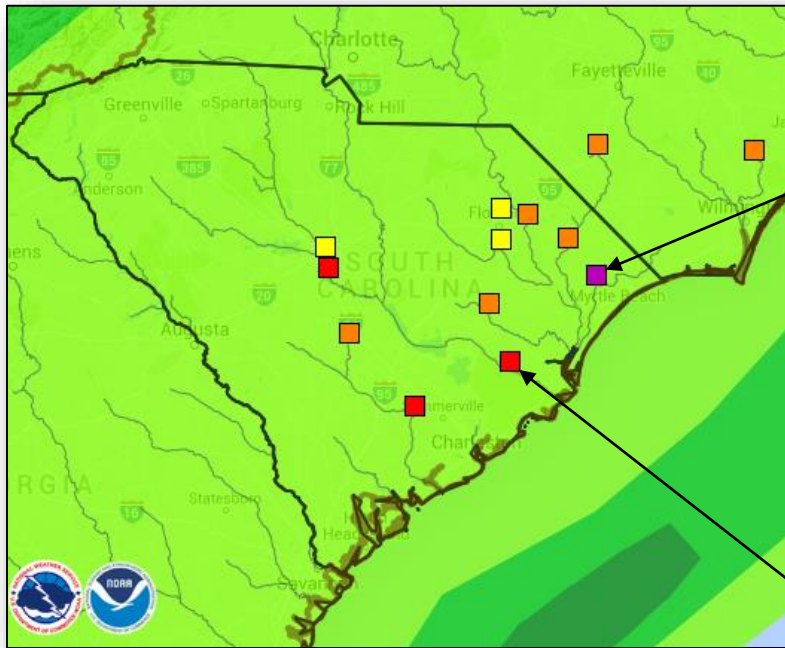
Day 2



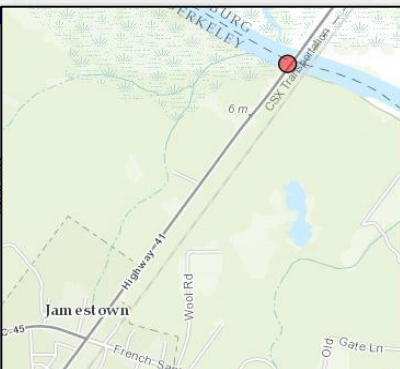
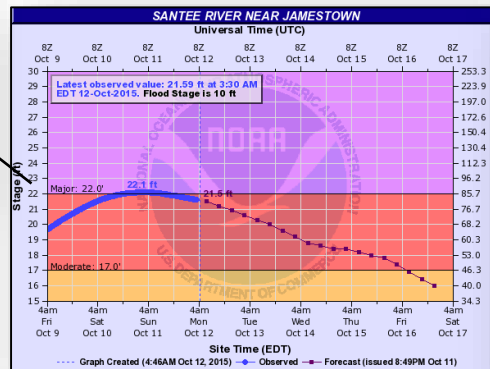
Day 3



# Precipitation/River Forecasts – South Carolina



**15 ft: Residential flooding will continue to worsen; Conway Marina will be flooded; railroad trestles in downtown Conway will flood at 15.9 feet**



**22-23 ft: Numerous homes and roads are flooded or inaccessible**

## River Flood Forecast

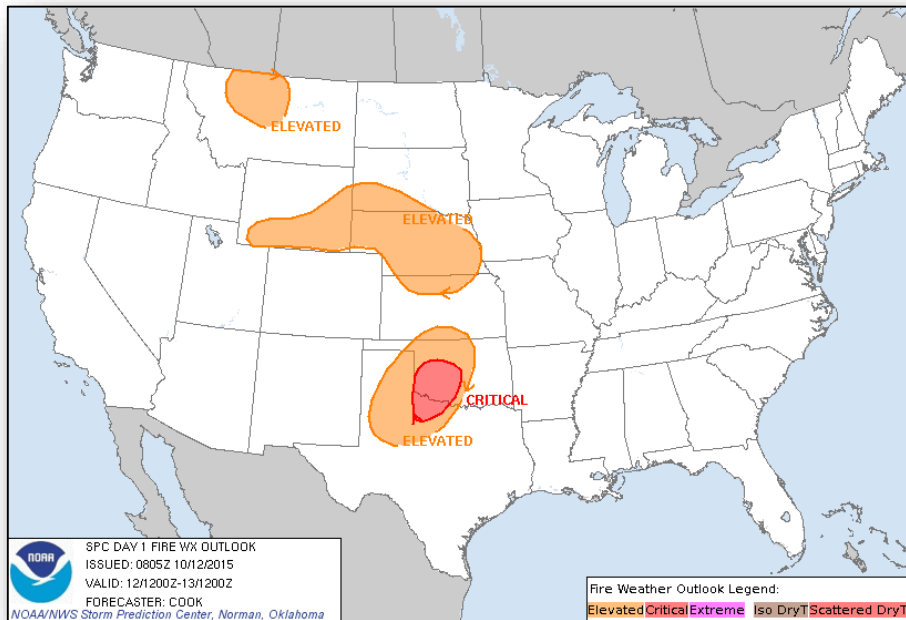
Minor Flooding	Orange
Moderate Flooding	Red
Major Flooding	Purple

## 72- Hour Rainfall Forecast (valid through Wednesday night)

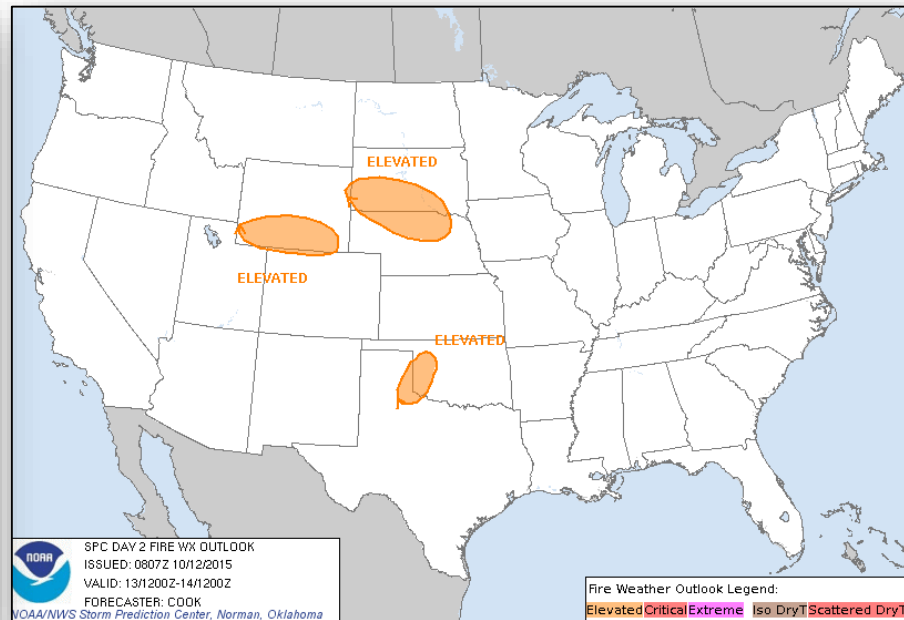
0.01-0.10"
0.10-0.25"
0.25-0.50"
0.50-1.00"
1.00-1.50"
1.50-2.00"
2.00-3.00"



# Fire Weather Outlook, Days 1-2



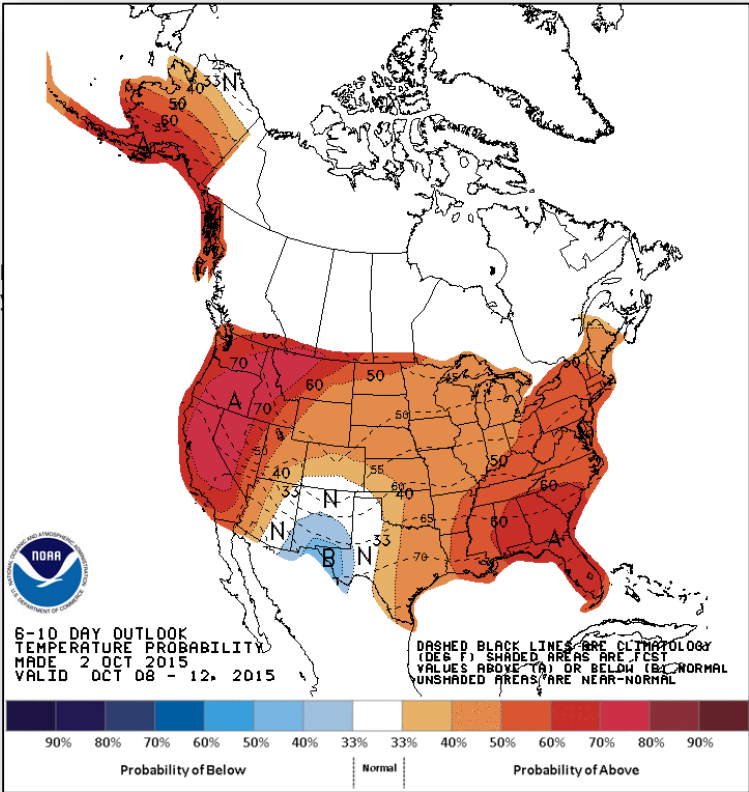
*Today*



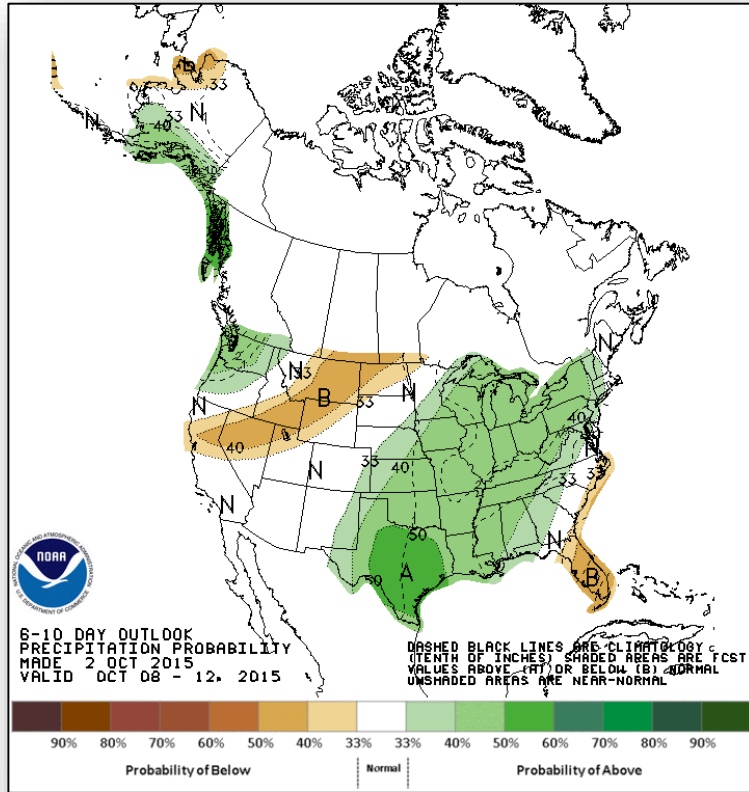
*Tomorrow*



# 6-10 Day Outlooks



Temperature Probability

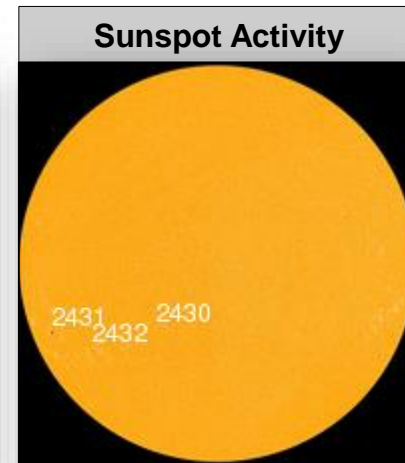
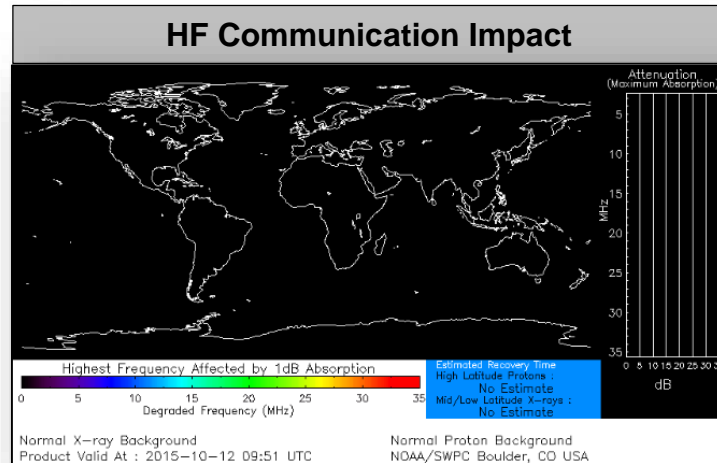


Precipitation Probability



# Space Weather

	Past 24 Hours	Current	Next 24 Hours
Space Weather Activity:	None	None	Minor
• Geomagnetic Storms	None	None	G1
• Solar Radiation Storms	None	None	None
• Radio Blackouts	None	None	None





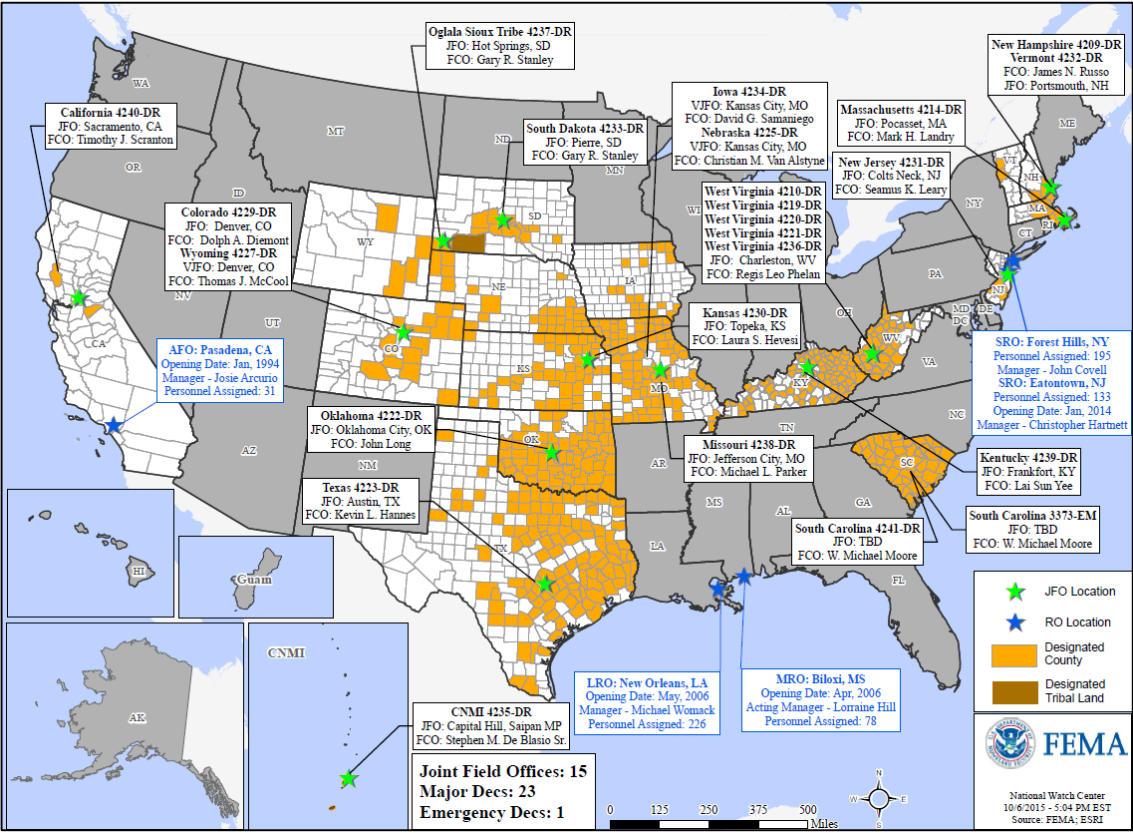
# Disaster Requests & Declarations



Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
4	Date Requested	0	0
Navajo Nation – EM Chemical Spill	October 2, 2015		
WA – DR Windstorm	October 7, 2015		
WA – DR Wildfires	October 7, 2015		
IN – DR (Appeal) Severe Storms, Tornadoes, Straight-line Winds, & Flooding	October 7, 2015		



# Open Field Offices as of October 12





# Joint Preliminary Damage Assessments

Region	State / Location	Event	I/PA	Number of Counties		Start – End
				Requested	Complete	
IV	NC	Flooding September 25, 2015	PA	10	0	10/14-TBD



# FEMA Readiness – Deployable Teams /Assets



Deployable Teams/Assets									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criterion
FCO		34	13	38%	0	4	17		OFDC Readiness: FCO    Green    Yellow    Red Type 1    3+            2            1 Type 2    4+            3            2 Type 3    4                3            2 FDRC        3                2            1
FDRC		8	2	25%	0	1	5		
US&R		28	25	89%	2	1	0	VA-TF1 (yellow) – Demobilized Oct 11– in post-deployment rehab VA-TF2 (Yellow) – Demobilizing Oct 12 – in post-deployment rehab IST Red demobilizing Oct 12 NM-TF1 (Red) – Personnel shortages	<ul style="list-style-type: none"> <li>• Green = Available/FMC</li> <li>• Yellow = Available/PMC</li> <li>• Red = Out-of-Service</li> <li>• Blue = Assigned/Deployed</li> </ul>
National IMAT		3	1	33%	0	0	2	N-IMAT East-1 and N-IMAT West deployed to SC	<ul style="list-style-type: none"> <li>• Green: 3 avail</li> <li>• Yellow: 1-2 avail</li> <li>• Red: 0 avail (<i>Individual N-IMAT red if 50% of Section Chiefs and/or Team Leader is unavailable for deployment.</i>)</li> </ul>
Regional IMAT		13	3	23%	2	0	8	<u>Deployed:</u> RI (Team 1) Deployed to SC RIV (Team 1) Deployed to SC; IMAT (Team 2) deployed to SC RVI (Team 2) Deployed to TX RVII Deployed to MO RVIII (Team 1) Deployed to CO RIX (Team 1) Deployed to Guam/CNMI; (Team 2) Deployed to CA <u>Partially Mission Capable (PMC):</u> RV (Yellow) PMC for Personnel shortages) RX (Yellow) PMC	<ul style="list-style-type: none"> <li>• Green: 7 or more avail</li> <li>• Yellow: 4 - 6 teams available</li> <li>• Red: &gt; 8 teams deployed/unavailable</li> </ul> <i>R-IMAT also red if TL Ops/Log Chief is unavailable &amp; has no qualified replacement</i>
MCOV		59	25	42%	0	10	24	10 MCOVs deployed to CA (FEMA-4240-DR) 14 MCOVs deployed to SC; additional 6 requested (FEMA-4241-DR)	<ul style="list-style-type: none"> <li>• Green = 80 – 100% avail</li> <li>• Yellow = 60 – 79% avail</li> <li>• Red = 59% or below avail</li> <li>• Readiness remains 95%</li> </ul>



# FEMA Readiness – National/Regional Teams



National/Regional Teams									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Status	Comments	Rating Criterion
NWC		5	5	100%	0	0	Activated	Enhanced Watch (24/7)	<ul style="list-style-type: none"> <li>• Green = FMC</li> <li>• Yellow = PMC</li> <li>• Red = NMC</li> </ul>
NRCC		2	344	89%	0	44	Not Activated		
HLT		1	N/A	N/A	0	0	Activated		
DEST							Not Activated		
RRCCs		10	10	100%	0	0	Activated	Region IV – Level III (day shift); ESFs released but on recall status thru 10/13	
RWCs/MOCs		10	10	100%	0	0	Activated	Region IV – Enhanced Watch (5:00 pm – midnight EDT)	





# FEMA

**FEMA's mission is to support our citizens and first responders to ensure that as a nation we work together to build, sustain, and improve our capability to prepare for, protect against, respond to, recover from, and mitigate all hazards.**