



# **FEMA**

## **Daily Operations Briefing**

**Wednesday, December 7, 2016**

**8:30 a.m. EST**

# Significant Activity – Dec 6-7



**Significant Events:** None

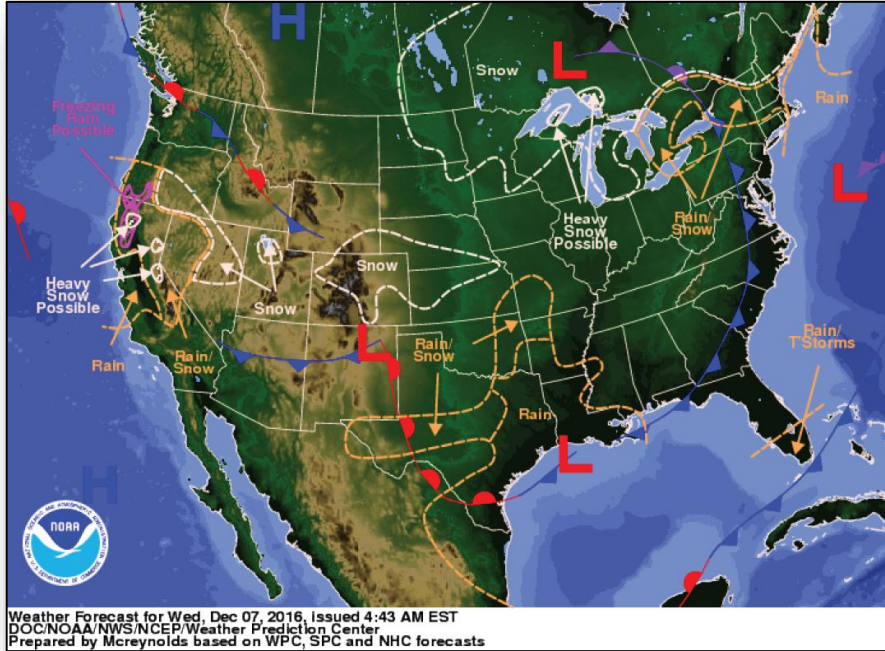
**Significant Weather:**

- Freezing Rain – northern California and western Oregon/Washington
- Heavy Snow – northern California/Sierras and the Upper Great Lakes
- Space Weather – Past 24 hours – none; next 24 hours – Minor, Geomagnetic storms reaching the G1 level likely

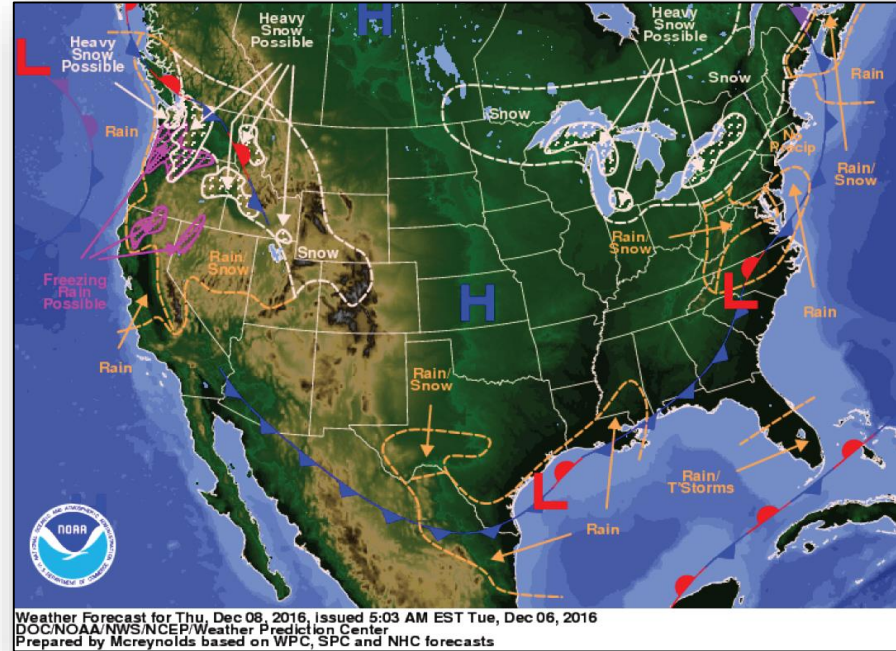
**Earthquake Activity:** No significant activity affecting U.S. interests

**Declaration Activity:** None

# National Weather Forecast



*Today*

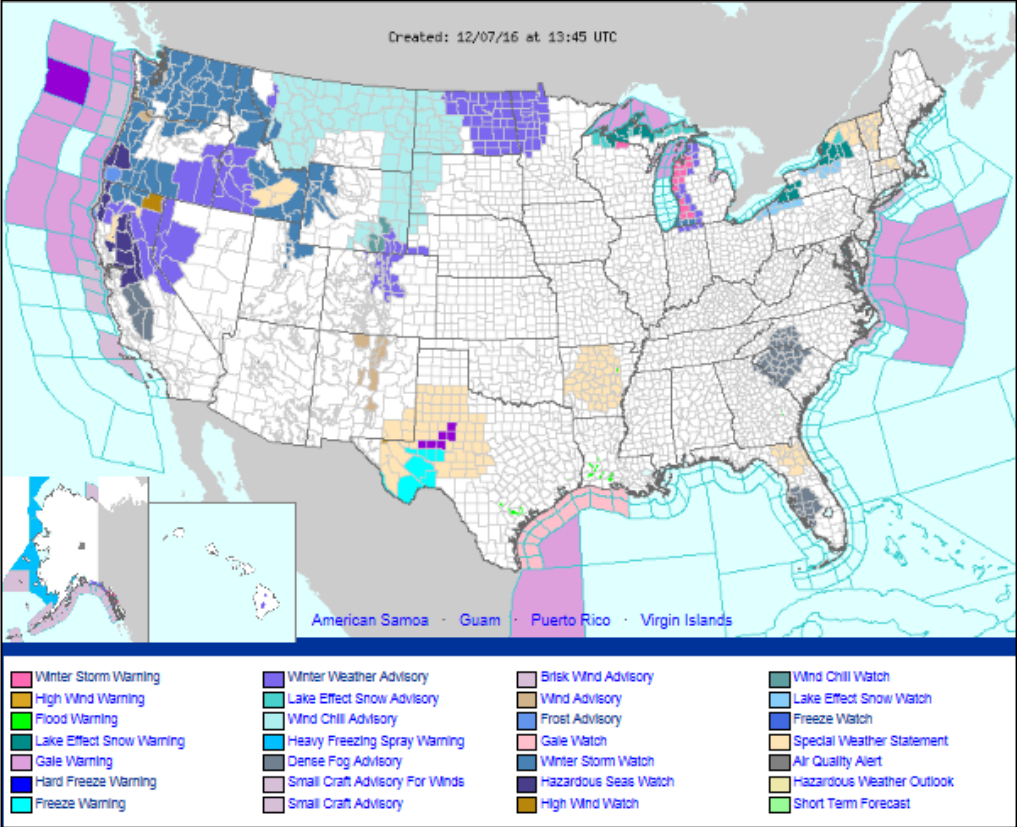


*Tomorrow*

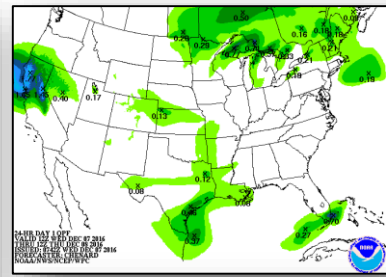
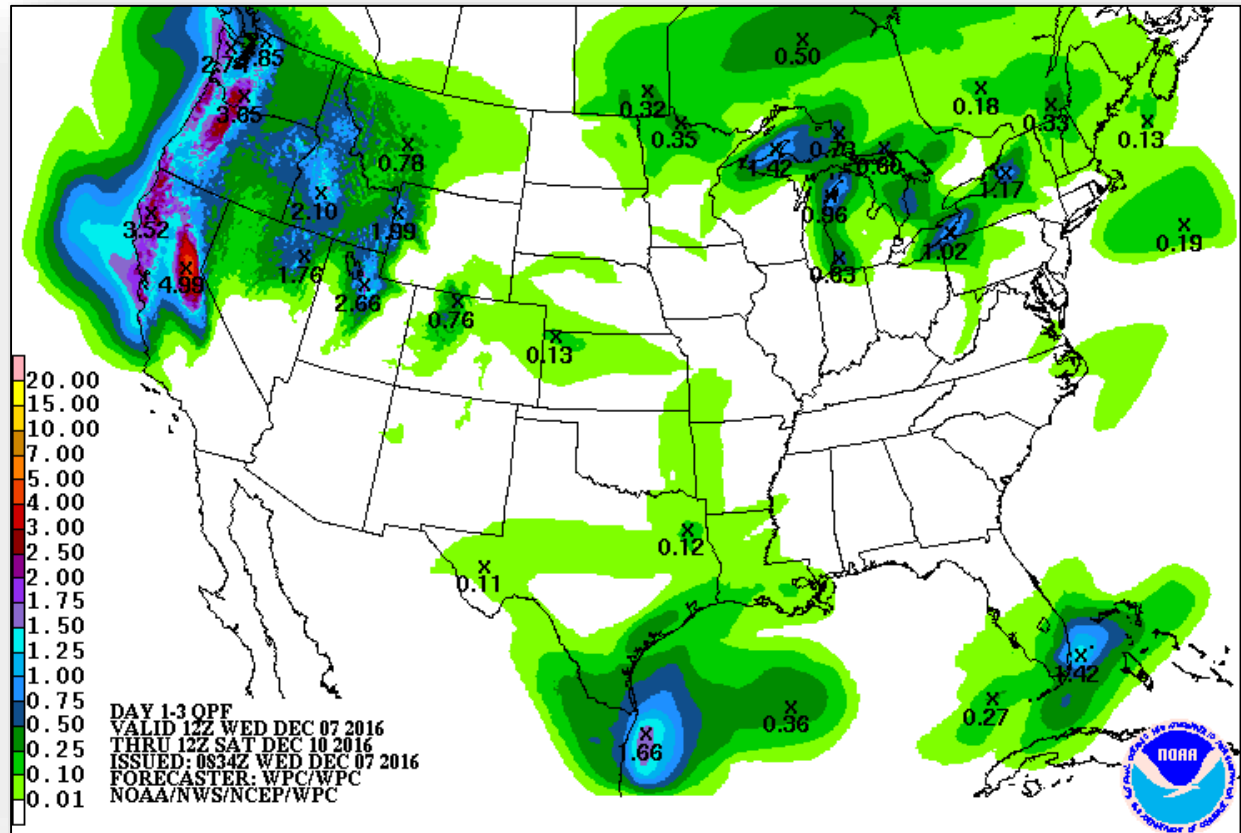
# Active Watches and Warnings



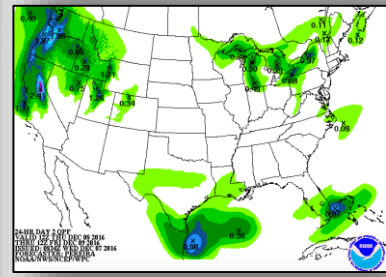
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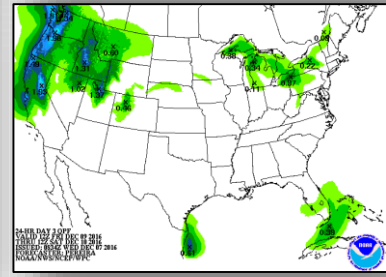
# Precipitation Forecast – Days 1-3



Day 1



Day 2

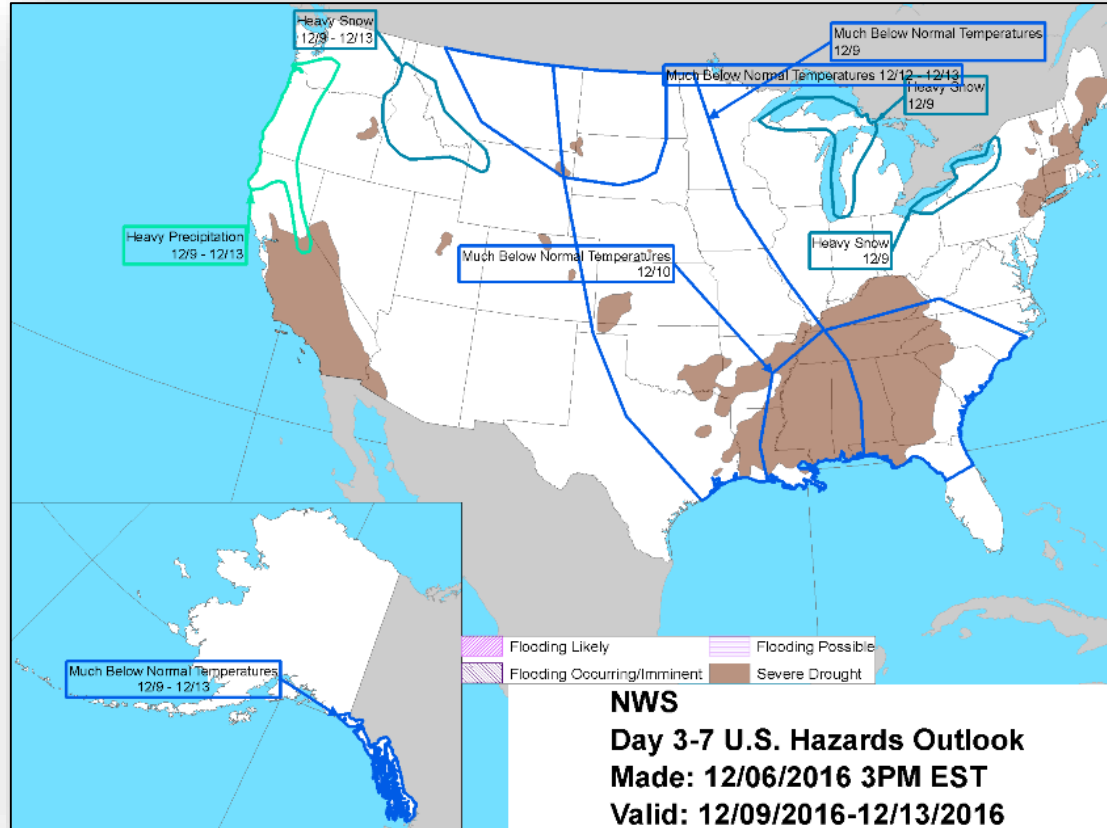


Day 3

# Hazards Outlook – Dec 9-13



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# Space Weather Summary/Outlook

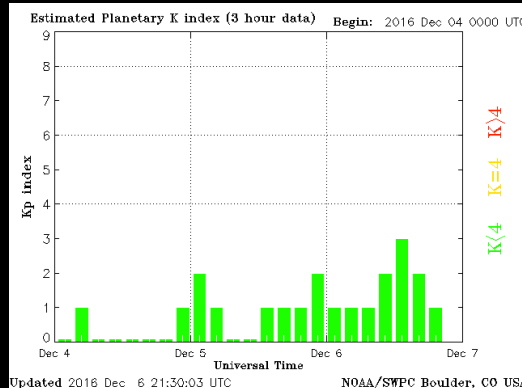
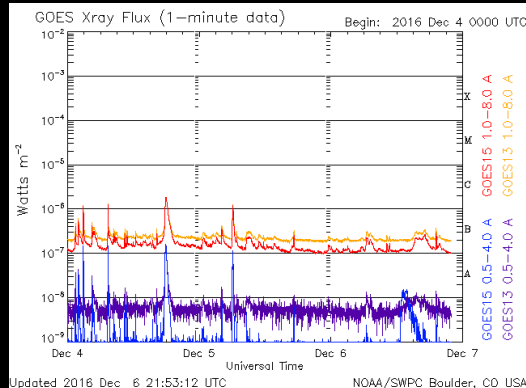
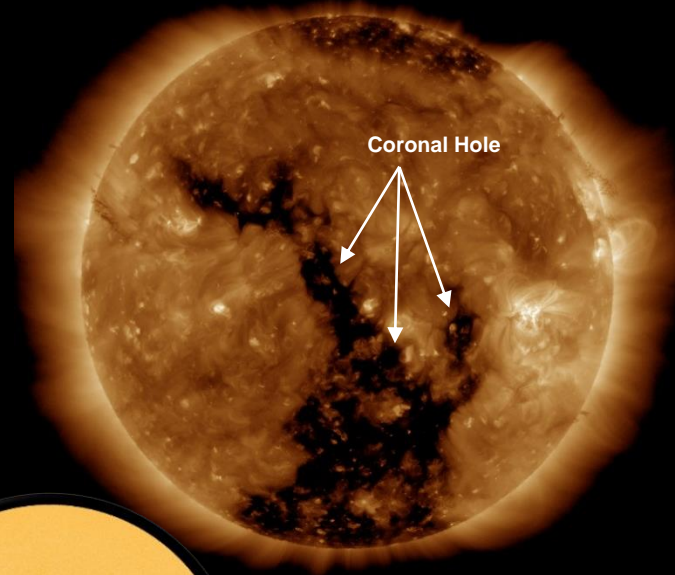


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Space Weather Summary December 7 <sup>th</sup> , 2016	Past 48 Hours	Current	Forecast: Dec. 7 <sup>th</sup> – 8 <sup>th</sup>
Solar Flare (R Scale) Radio Blackout	None	None	R1-R2: 5% R3-R5: 1%
Solar Radiation Storms (S Scale)	None	None	S1 or > 1%
Geomagnetic Storms (G Scale)	None	None	G1 (Minor)

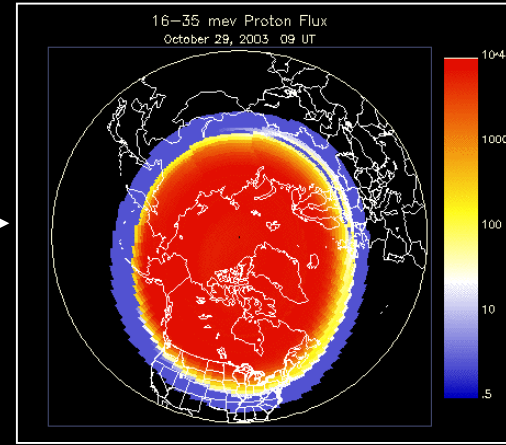
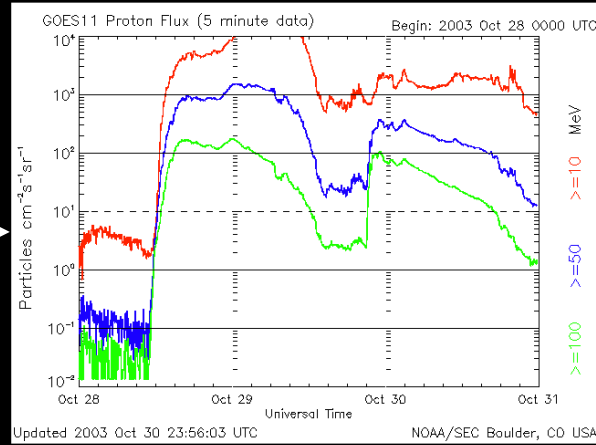
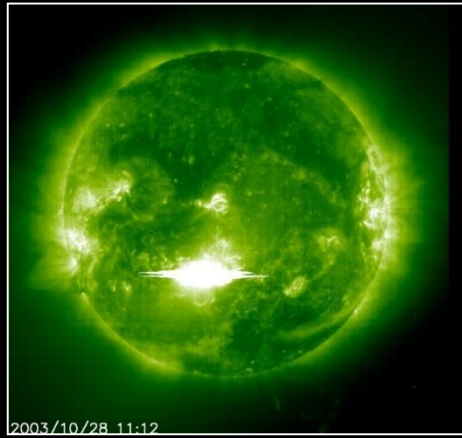
## Summary of Recent Activity/Outlook:

- Fairly quiet across the R and S scales and that is expected to continue
- Recurrent coronal hole activity expected to drive G1 activity Oct. 7<sup>th</sup> - 9<sup>th</sup>
- Risk of severe or extreme activity is extremely low at this time



Rob Steenburgh  
SWPC  
Dec. 7<sup>th</sup>, 2016

# Space Weather Refresher – Radiation Storms



- **Arrival:** 10's of minutes to several hours
- **Duration:** Hours to days
- **Impacts:** Radiation hazard to satellites and airline passengers and crew; polar HF comms impacts
- **Short-term warnings pre-onset**
- **Alert for threshold crossing**
- **Summary post-event**

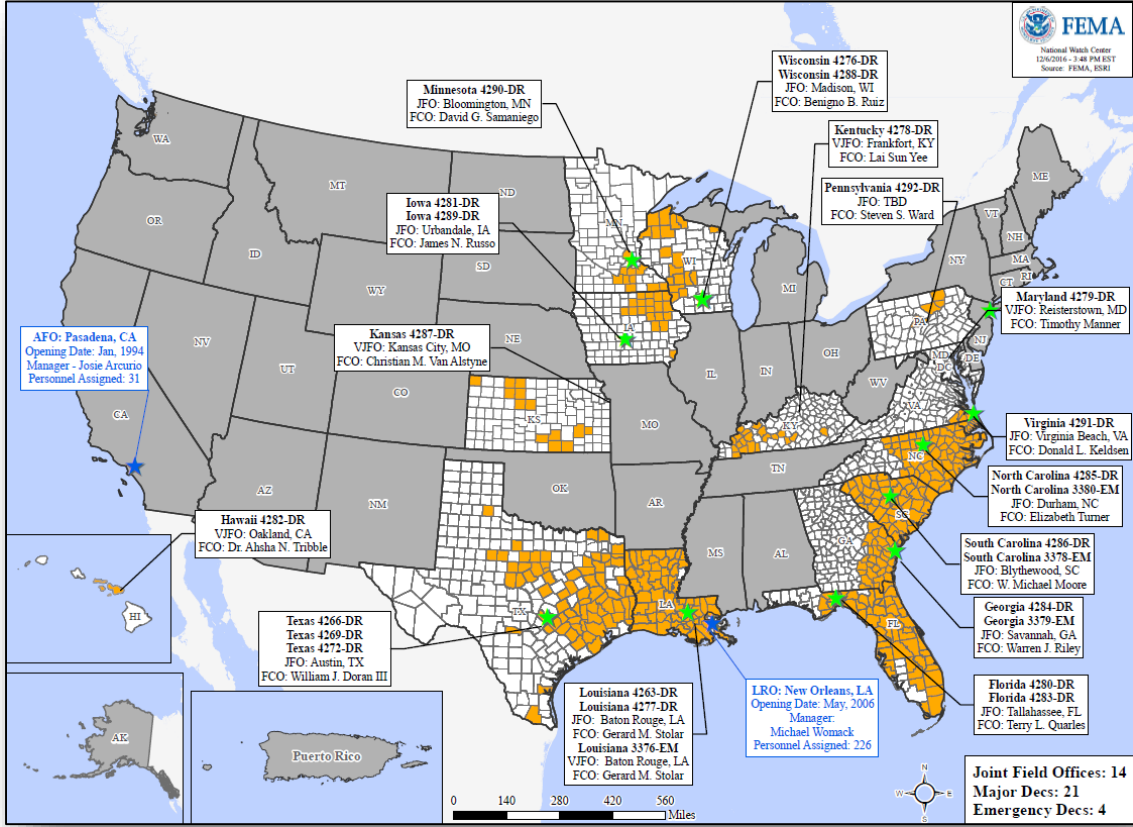




# Open Field Offices



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# Readiness – Deployable Teams and Assets



Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criteria																
National IMAT		3	2	66%	0	0	1	East 2 to LA (DR-4277)	Green = 3 Teams Available Yellow = 1 - 2 Teams Available Red = 0 Teams Available  <i>N-IMAT red if 50% of Section Chiefs or Team Leader unavailable for deployment.</i>																
Regional IMAT		13	8	62%	0	0	5	<b>Deployed:</b> Region III to VA (DR-4291) Region IV-1 to NC (DR-4285) Region IV-2 to FL (DR-4280/4283) Region V to MN (DR-4290) Region VII to IA (DR-4281)	Green = > 6 Teams Available Yellow = 4 - 6 Teams Available Red = < 4 Teams Available  <i>R-IMAT also red if TL or Ops / Log Chief is unavailable &amp; has no qualified replacement</i>																
FCO		34	8	24%	0	1	25		OCD Readiness <table border="1"> <thead> <tr> <th>FCO</th> <th>Green</th> <th>Yellow</th> <th>Red</th> </tr> </thead> <tbody> <tr> <td>Type 1</td> <td>3+</td> <td>2</td> <td>1</td> </tr> <tr> <td>Type 2</td> <td>4+</td> <td>3</td> <td>2</td> </tr> <tr> <td>Type 3</td> <td>4+</td> <td>3</td> <td>2</td> </tr> </tbody> </table>	FCO	Green	Yellow	Red	Type 1	3+	2	1	Type 2	4+	3	2	Type 3	4+	3	2
FCO	Green	Yellow	Red																						
Type 1	3+	2	1																						
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FDRC		11	3	27%	0	2	6		<table border="1"> <thead> <tr> <th>FDRC</th> <th>Green</th> <th>Yellow</th> <th>Red</th> </tr> </thead> <tbody> <tr> <td></td> <td>3</td> <td>2</td> <td>1</td> </tr> </tbody> </table>	FDRC	Green	Yellow	Red		3	2	1								
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US&R		28	28	100%	0	0	0		Green = > 66% Available Yellow = 33% - 66% Available Red = < 33% Available																
MERS		18	17	98%	0	0	1	Denver to MN (DR-4290)	Green = > 66% Available Yellow = 33% - 66% Available Red = < 33% Available																

# Readiness – National and Regional Teams



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Resource	Status	Total	FMC Available		Partially Available	Not Available	Status	Comments	Rating Criteria
NWC	Green	5	5	100%	0	0	Watch / Steady State		<ul style="list-style-type: none"> <li>• Green = FMC</li> <li>• Yellow = PMC</li> <li>• Red = NMC</li> </ul>
NRCC	Green	2	2	100%	0	0	Not Activated		
HLT	Green	1	1	100%	0	0	Not Activated		
RRCCs	Green	10	10	100%	0	0	Activated	Region I: Level I Activation (Exercise)	
RWCs/MOCs	Green	10	10	100%	0	0	Watch / Steady State		



# 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.**