



# **FEMA**

## **Daily Operations Briefing**

**Sunday, March 30, 2014**

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

# Significant Activity: Mar 29 – 30



## **Significant Events:**

- Mudslide – Snohomish County, WA
- Alaska Shield 2014 – Capstone Exercise
- Earthquakes – M5.1 La Habra, CA; M4.3 Oklahoma City, OK

## **Significant Weather:**

- Heavy snow (up to 12 inches) – Pacific Northwest, Sierras, Northern/Central Rockies and New England
- Freezing rain – New England
- Moderate to heavy rain – Sierras, Northern Rockies and Appalachians to Northeast
- Light to moderate snow – Appalachians to Northeast
- Space Weather: Past 24 hours: strong, R3 radio blackout; next 24 hours: minor, R1 radio blackouts forecast
- Red Flag Warnings: AZ, NM, CO, NE, KS, OK, TX & MO
- Elevated/Critical Fire Weather Areas: AZ, UT, KS, CO, NE, OK, TX & NM

## **FEMA Readiness:**

- Type II IMATs from Regions II, V, VII and IX are NMC due to personnel and/or equipment issues

## **Disaster Activity:**

- Amendment No. 1 to FEMA-3370-EM-WA

# Mudslide – Washington State



**March 22, 2014**

- Large mudslide in Snohomish County (pop. 745,913) struck the town of Oso (pop. 180)
- ▲ Mud and debris, up to 20 feet deep in places, **span 300 acres (updated analysis)** across the north fork of the Stillaguamish River and WA State Route 530 (near Mile Post 37)

## **Impacts**

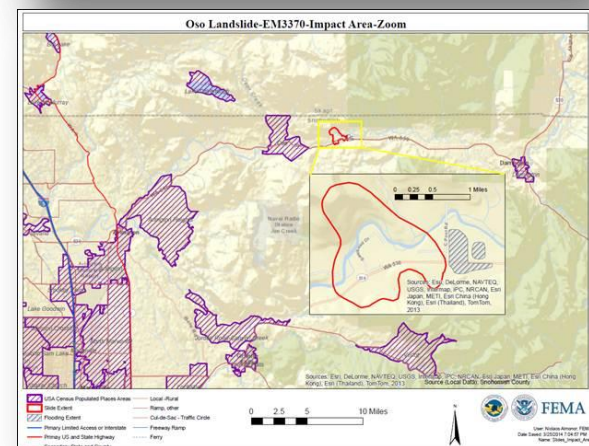
- ▲ 18 (-6) confirmed fatalities (unconfirmed recovered victims not included) (WA EOC Sitrep #8, March 29)
- ▲ 17 (+1) injuries: 13 survivors; 4 (+1) responders
- ▲ Snohomish County confirmed 30 (-60) people remain missing and/or unaccounted for
  - 45 structures impacted: 36 homes destroyed; 9 damaged
- ▲ 2 ARC shelters open with 3 (-3) occupants (ARC 4:30 am EDT Shelter Report, March 29)
- ▲ IA & PA PDAs were requested for Snohomish County

## **State/Local Response**

- Governor declared a State of Emergency
- WA State EOC fully activated; Snohomish, Arlington and Darrington county EOCs are activated
- US&R WA TF-1 deployed as a State asset; not participating in Capstone Exercise 2014
- AT&T deployed a mobile communication vehicle to provide cellular service
- 250+ responders on scene including Federal, State, & local assets
- State Department of Ecology establishing 2 HAZMAT staging areas for contaminated debris

## **Federal Response**

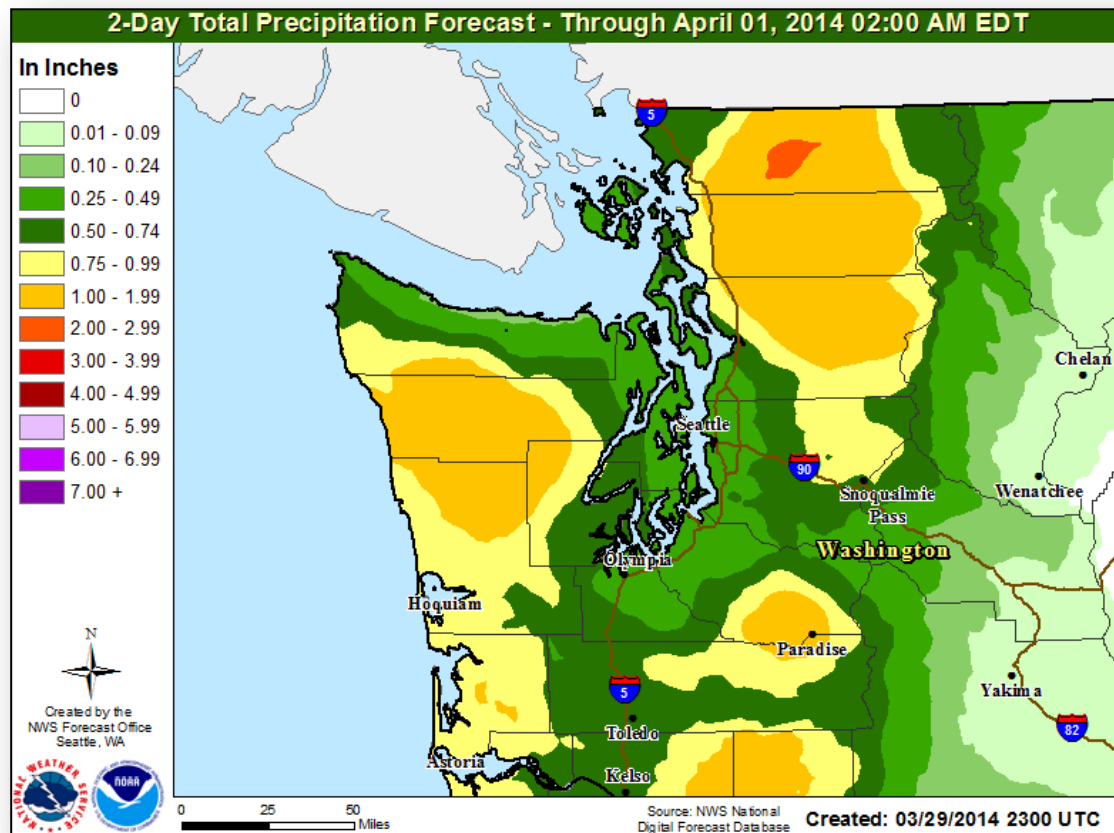
- Emergency Declaration FEMA-3370-EM-WA approved March 24
  - Amendment No. 1 includes grant assistance for Snohomish County approved March 28
- HHS deployed 2 additional personnel to support mortuary affairs
- ▲ US Forest Service providing an Incident Management Team
- US&R IST White deployed to WA; CA-TF7 on alert
- Region X IMAT at Incident Command Post; LNO at WA EOC
- N-IMAT West, Bothell MERS personnel and MEOV deployed to WA
- NRCC activated (exercise only); NWC at Watch/Steady State



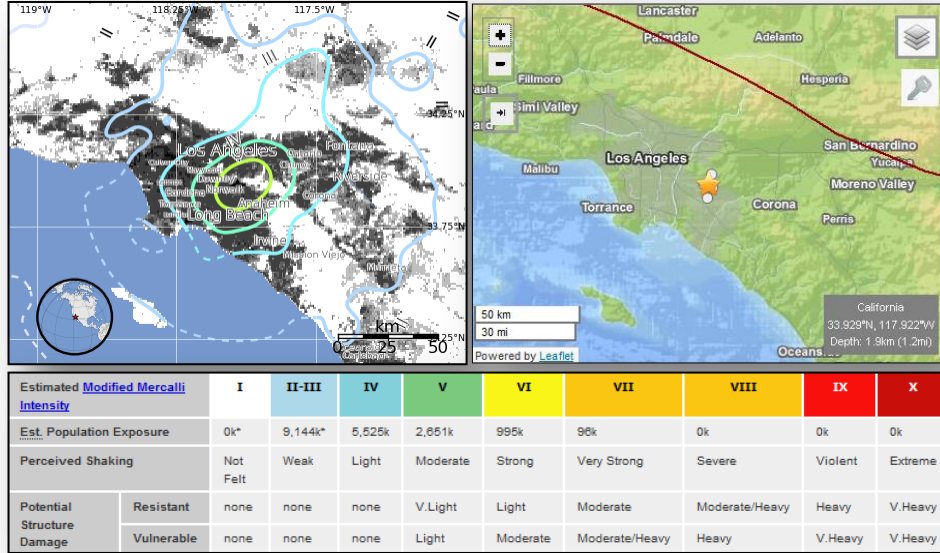
# Precipitation Forecast – WA



FEMA



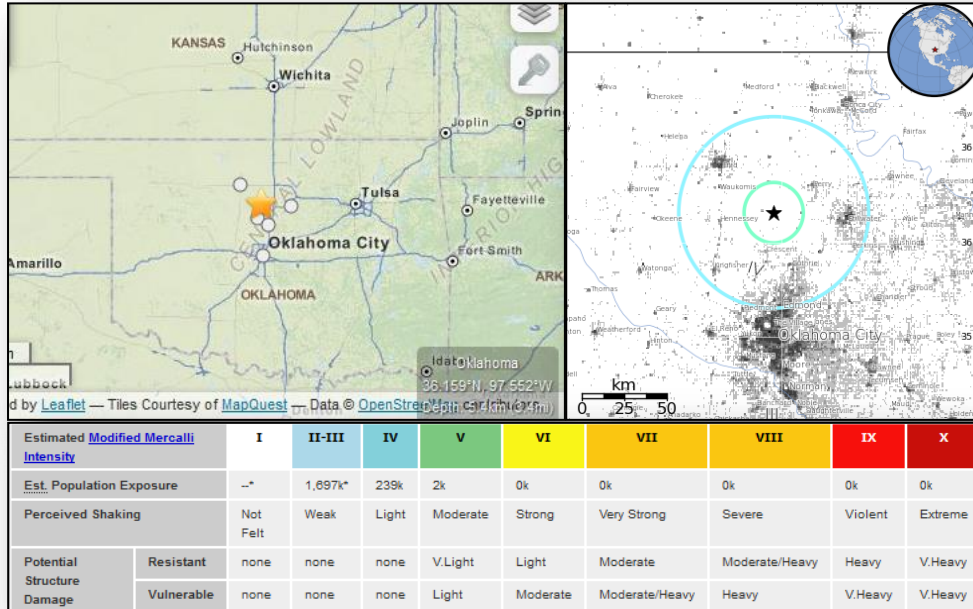
# Significant Earthquake Activity



## **M 5.1 – California**

- Occurred at 12:09 a.m. EDT, March 29, 2014
  - 24 miles SE of Los Angeles, CA
  - Depth of 1.2 miles
- USGS issued a Green alert for shaking-related fatalities and a Yellow alert for economic losses
- Level VII on Modified Mercalli Intensity scale
  - 96k exposed to very strong shaking
  - Reportedly felt throughout Orange, Los Angeles, Ventura, Riverside and San Bernardino counties
  - **Minor damages, water main breaks and minor gas leaks reported**
  - **Minor power outages now restored**
  - No fatalities or injuries reported
- **1 shelter open with 38 occupants**
- Numerous aftershocks continue
- Onshore earthquake, no tsunami generated

# Significant Earthquake Activity



## **M 4.3 – Oklahoma**

- Occurred at 2:51 a.m. EDT, March 30, 2014
  - 47 miles N of Oklahoma City, OK (pop 599,199)
  - Depth of 3.4 miles
  - Occurred on land, no tsunami threat
- USGS issued a Green PAGER alert for shaking-related fatalities and economic losses
- Level V on Modified Mercalli Intensity scale
  - 2k exposed to moderate shaking
- No fatalities or injuries reported
- Numerous aftershocks continue



# Disaster Requests & Declarations



Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
6	Date Requested	0	0
IN – DR Severe Winter Storm	March 5, 2014		
MD – DR Snowstorm	March 10, 2014		
TX – DR (Appeal) Severe Winter Storm	March 13, 2014		
WV – DR Chemical Spill	March 21, 2014		
OR – DR Severe Winter Storm, Landslides, and Flooding	March 21, 2014		
NC – DR Severe Winter Storm	March 25, 2014		

# Joint Preliminary Damage Assessments

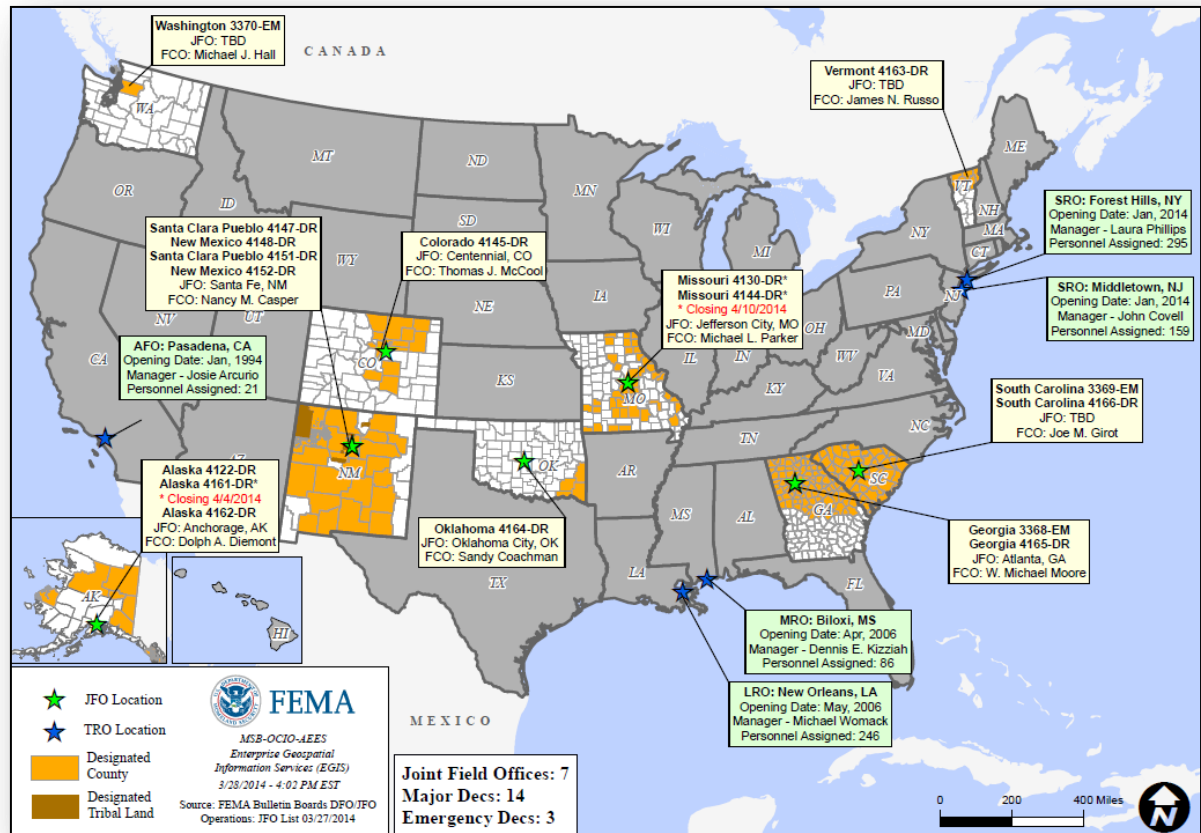


FEMA

Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Complete	
IV	TN	Winter Storms March 2-5, 2014	PA	20	0	4/1 – TBD
VIII	MT	Flooding March, 2014	PA	20 counties & 1 Tribal Nation	0	3/31– 4/5
X	WA	Mudslide March 22, 2014	IA	1	0	TBD
			PA	1	0	TBD



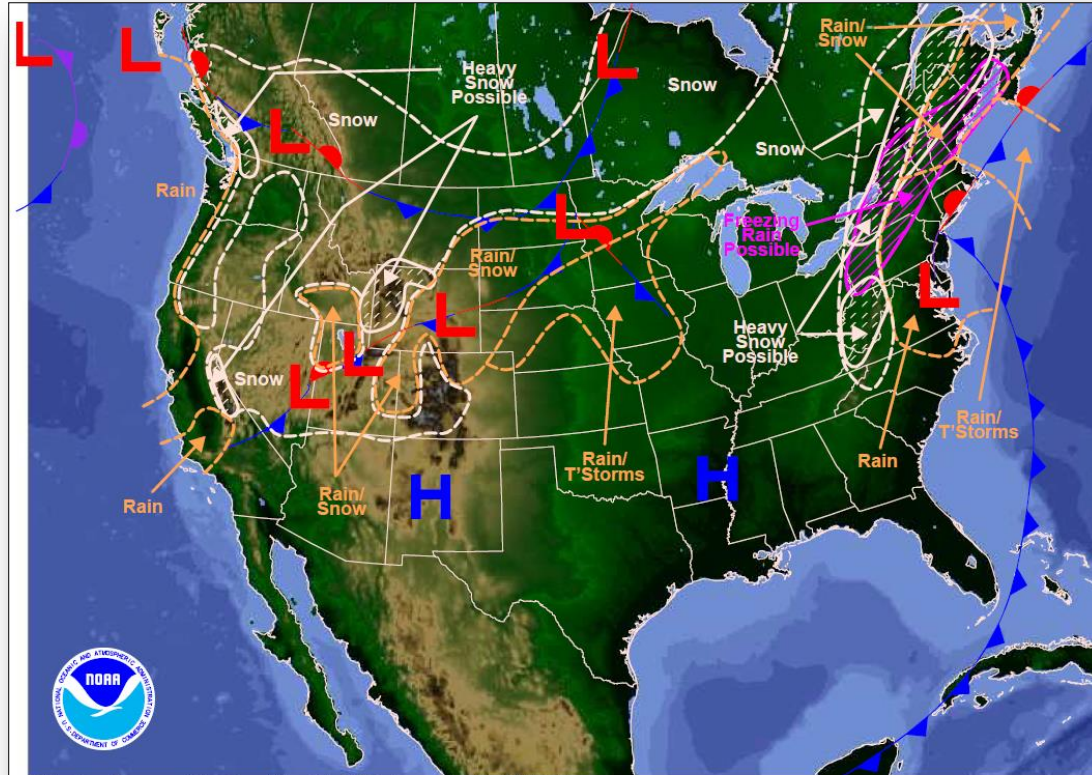
# Open Field Offices as of March 30, 2014



# National Weather Forecast



FEMA

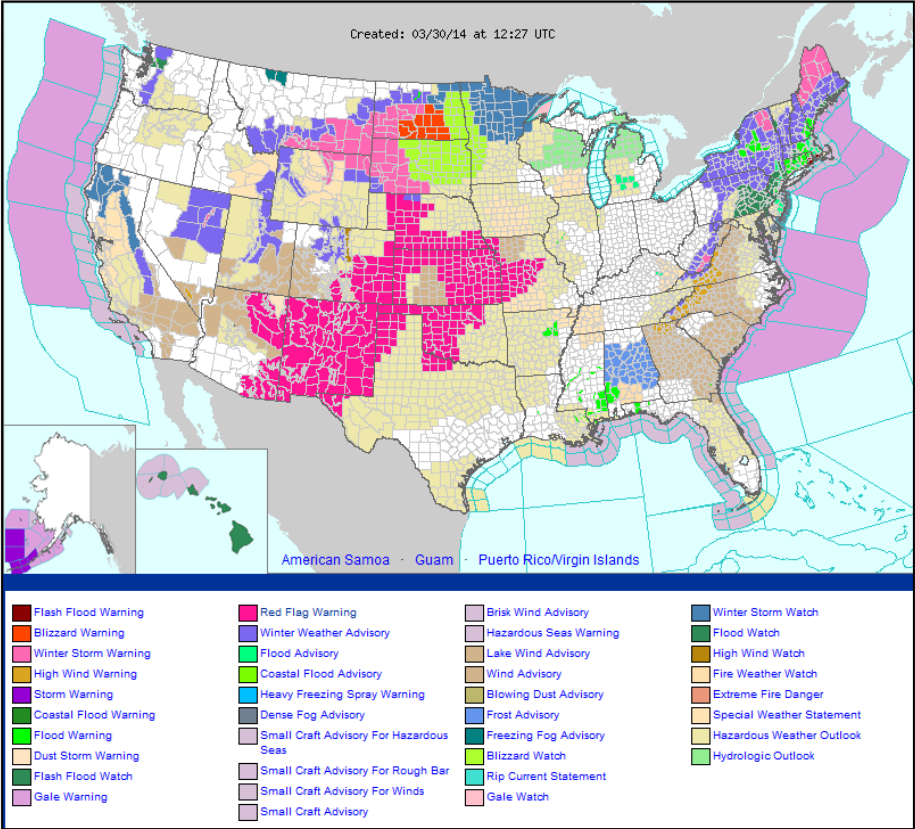


Weather Forecast for Sun, Mar 30, 2014, issued 4:33 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Krekeler based on WPC, SPC and NHC forecasts

# Active Watches/Warnings



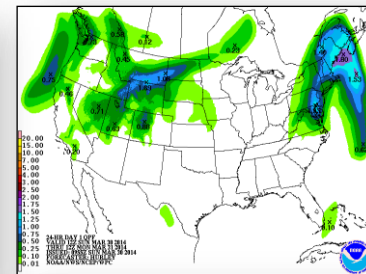
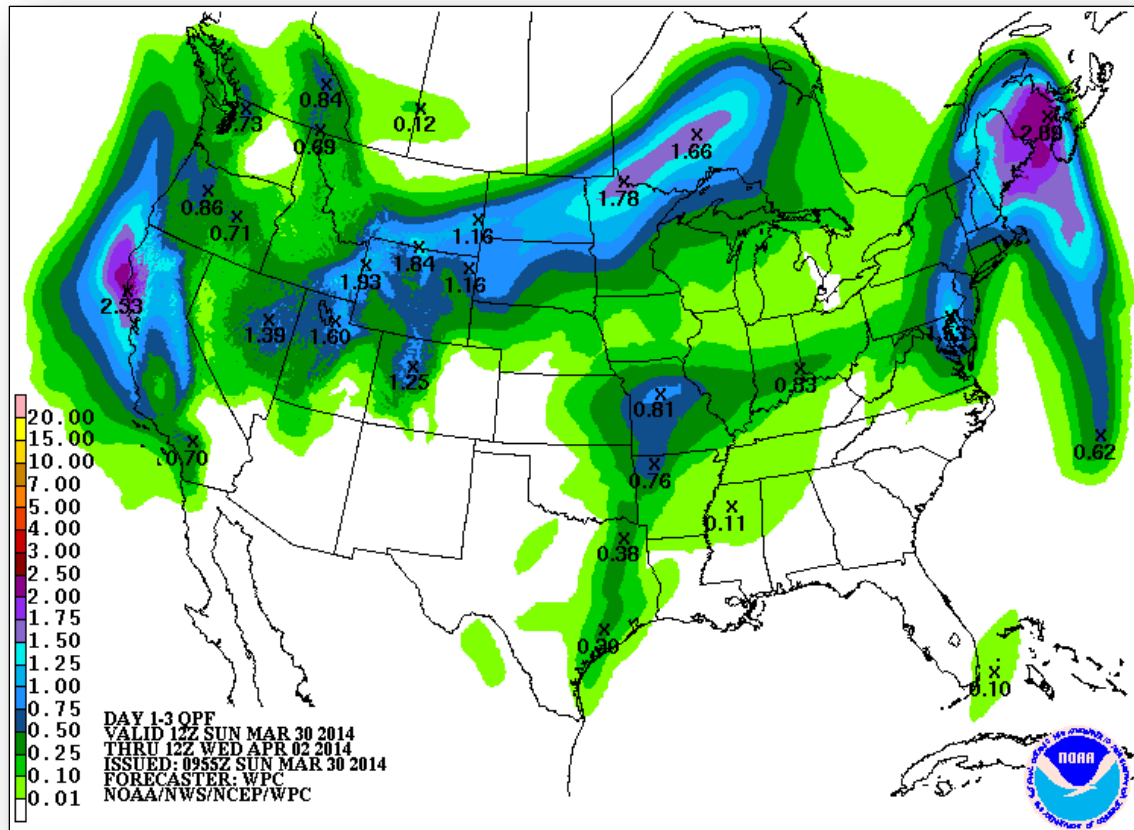
FEMA



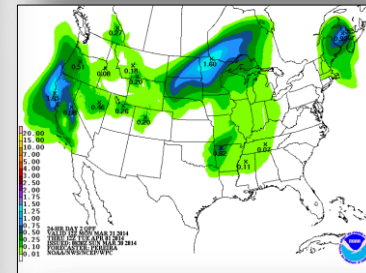
# Precipitation Forecast – 3 Day



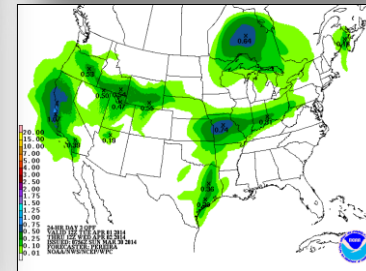
FEMA



Day 1



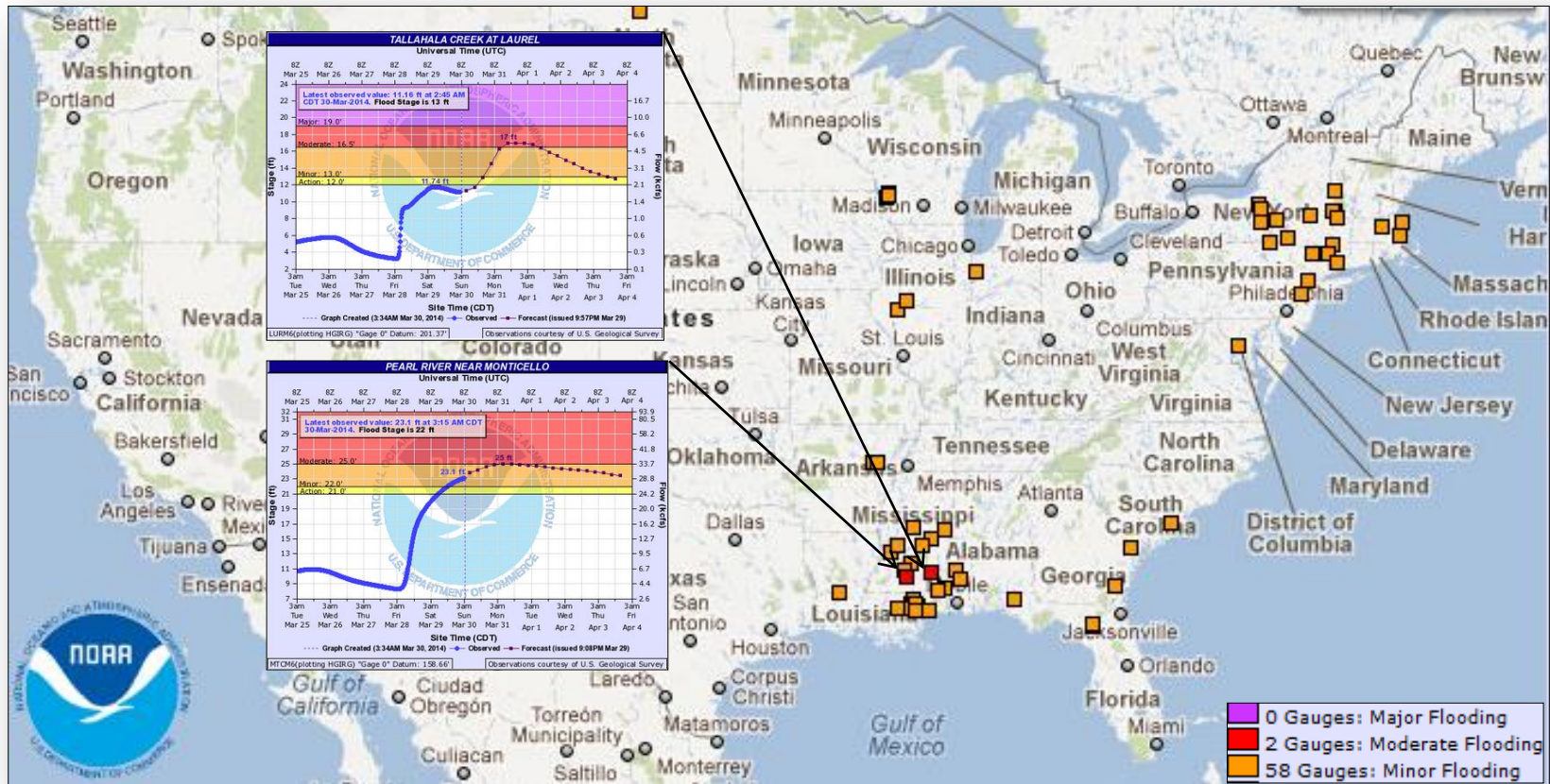
Day 2



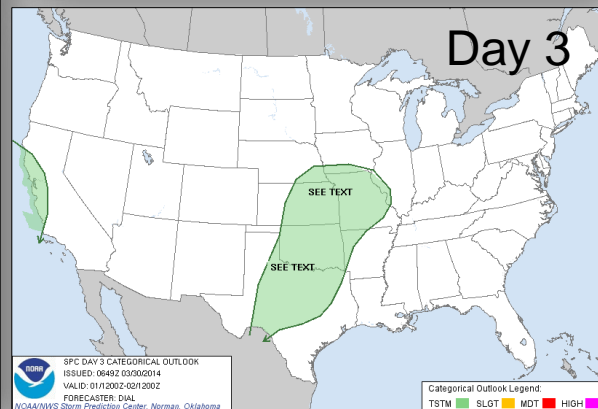
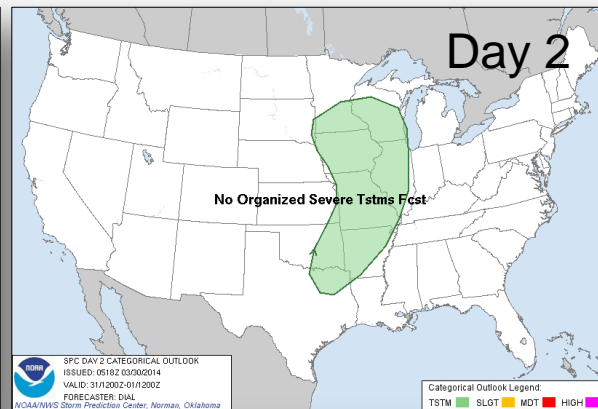
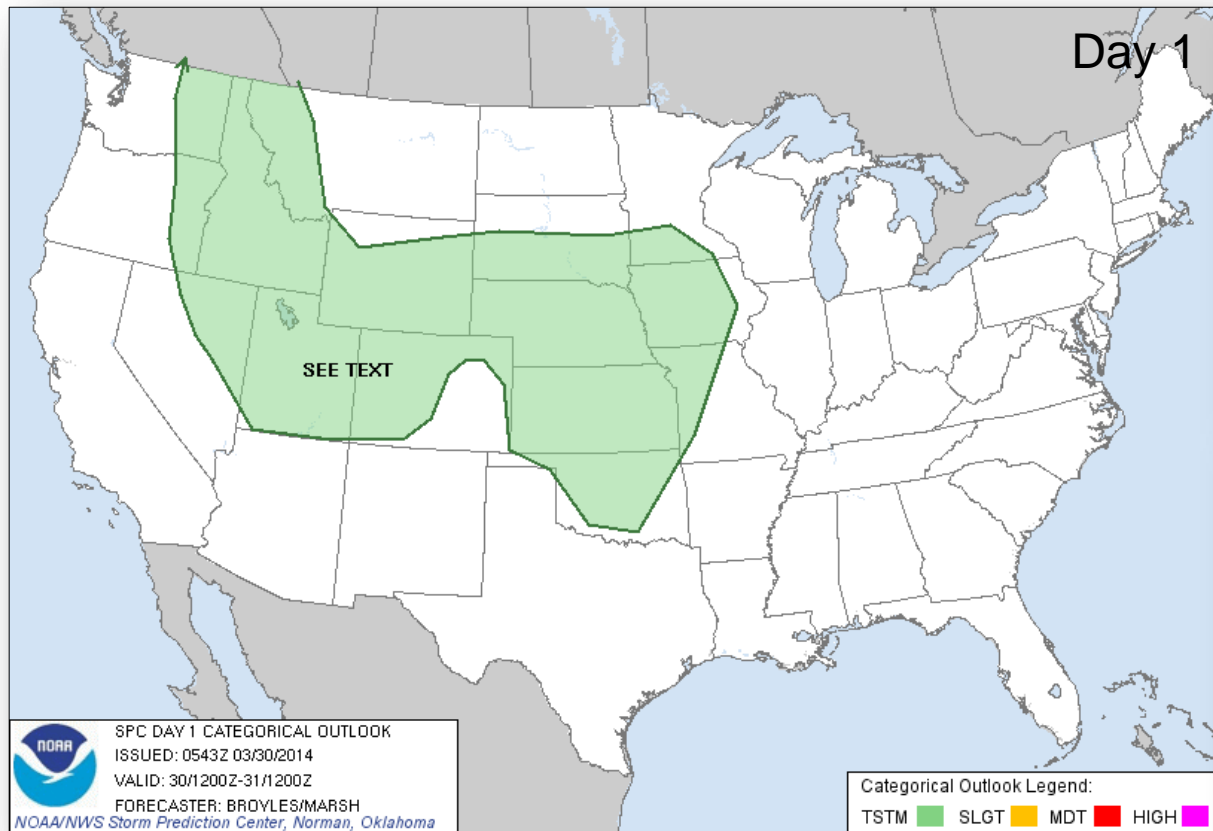
Day 3



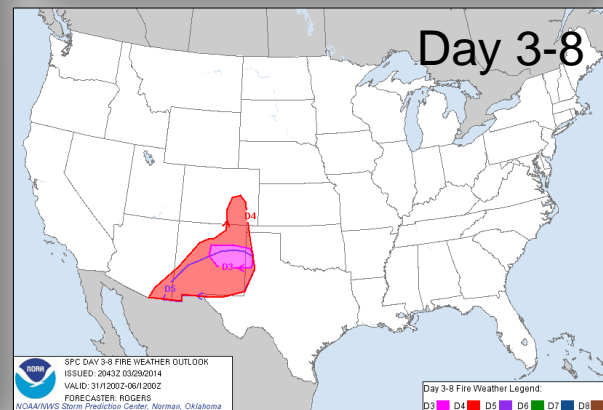
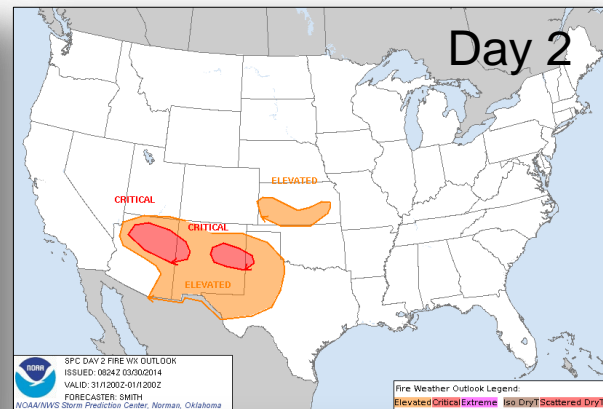
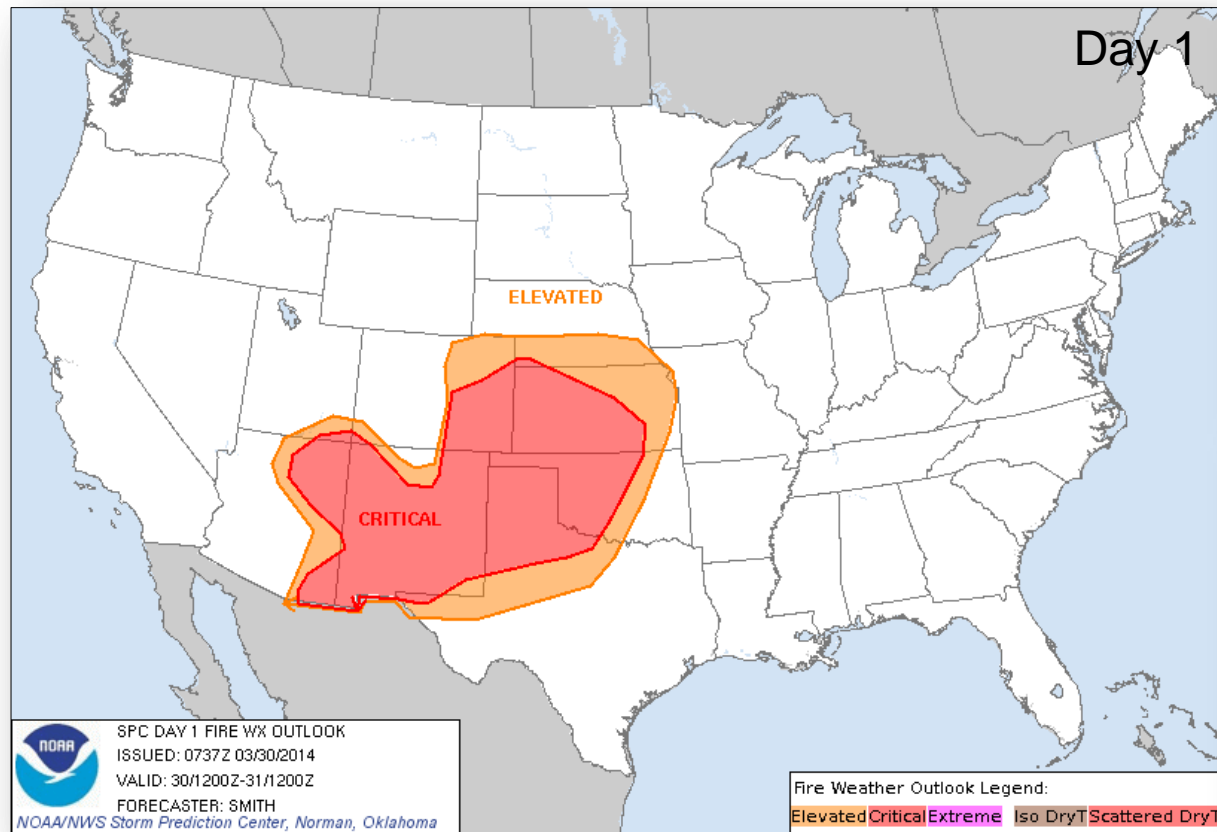
# River Forecast – 7 Day



# Convective Outlooks Days 1 – 3



# Critical Fire Weather Areas Days 1 – 8

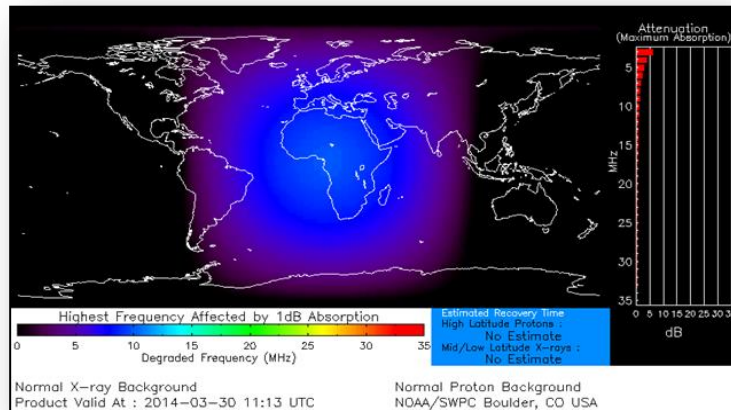




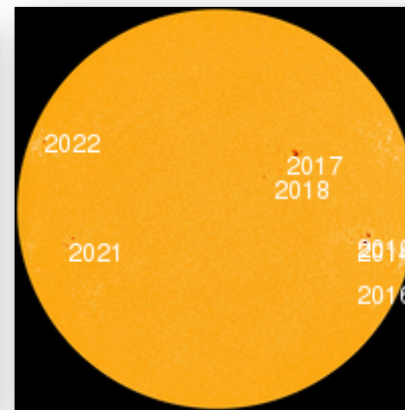
# Space Weather

NOAA Scales Activity (Range: 1/minor to 5/extreme)	Past 24 Hours	Current	Next 24 Hours
Space Weather Activity:	Strong	None	Minor
• Geomagnetic Storms	None	None	None
• Solar Radiation Storms	None	None	None
• Radio Blackouts	R3	None	R1

## HF Communication Impact



## Sunspot Activity



# FEMA Readiness – Deployable Teams/Assets



Deployable Teams/Assets									
Resource	Status	Total	Available		Partially Available	Not Available	Deployed Activated	Comments	Rating Criterion
FCO		40	18	45%	5	2	15		OFDC Readiness: FCO    Green    Yellow    Red Type 1   3+            2            1 Type 2   4+            3            2 Type 3   4              3            2
FDRC		9	4	44%	0	0	5		FDRC    3            2            1
US&R		28	23	82%	3	2	0	<ul style="list-style-type: none"><li>NV-TF1 (Yellow/Conditional)</li><li>NM-TF1, NY-TF1 (Yellow/Capstone)</li><li>PA-TF1 (Red/Capstone)</li><li>CA-TF7 on alert for WA mudslide</li><li>IST White deployed to WA for mudslide</li><li>WA-TF1 (Red/deployed to WA as state asset)</li></ul>	<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	0%	0	0	2	<ul style="list-style-type: none"><li>IMAT Blue/White/Red participating in CAPSTONE</li><li>IMAT West deployed to WA for mudslide</li><li>IMAT East deployed to AK for CAPSTONE</li></ul>	<ul style="list-style-type: none"><li>Green: 3 avail</li><li>Yellow: 1 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	4	38%	0	4	5	<ul style="list-style-type: none"><li>Region IV deployed to GA &amp; SC</li><li>Region VI deployed to TX &amp; OK</li><li>Region X deployed to WA</li><li>Region I,III,VI- &amp; VIII participating in CAPSTONE</li></ul> <u>Not Mission Capable:</u> <ul style="list-style-type: none"><li>Region II, V &amp; IX: Personnel shortages</li><li>Region VII: Personnel/equipment shortages</li></ul>	<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 and has no qualified replacement.</i>
MCOV		55	51	93%	0	3	1	<ul style="list-style-type: none"><li>3 not available – maintenance</li><li>1 deployed to WA for mudslide</li></ul>	<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>

# FEMA Readiness – National/Regional Teams



National/Regional Teams									
Resource	Status	Total	Available		Partially Available	Not Available	Deployed/ Activated	Comments	Rating Criterion
NWC		5	5	100%	0	0	24/7		<ul style="list-style-type: none"><li>• Green = FMC</li><li>• Yellow = PMC</li><li>• Red = NMC</li></ul>
NRCC		2	367	94%	0	20	Level I	• Activated (CAPSTONE EX)	
HLT		1	1	100%	0	0	Not Activated		
DEST							Not Activated		
RRCCs		10	10	100%	0	0	Not Activated		
RWCs/MOCs		10	10	100%	0	0	24/7		



# 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.**