



# **FEMA**

## **Daily Operations Briefing**

**Sunday, April 20, 2014**

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

# Significant Activity: Apr 19 - 20



## **Significant Events:**

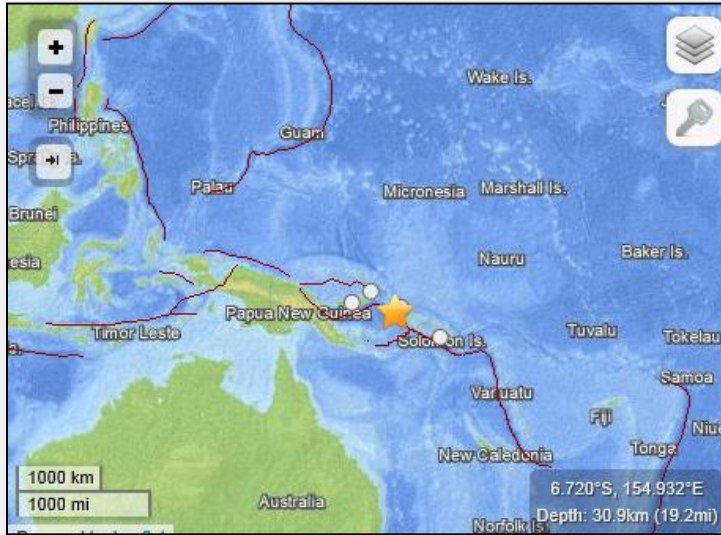
- M 7.5 Earthquake – offshore Papua New Guinea
- Mudslide Recovery – Snohomish County, WA ( mudslide occurred 4 weeks ago)

## **Significant Weather:**

- Severe thunderstorms – possible west-central Texas (primary risks: hail, gusty winds)
- Rain / snow mix – Pacific Northwest into Northern Rockies
- Heavy rainfall – coastal Carolinas, Southern Plains
- Showers and thunderstorms – Central Rockies to Central/Southern Plains & Great Lakes
- Red Flag Warnings: None
- Elevated/Critical Fire Weather Areas: None
- Space Weather: Minor (S1) space weather past 24 hours; Moderate space weather predicted next 24 hours with geomagnetic storms reaching G2 & radio blackouts reaching R1 likely

**FEMA Readiness:** No significant changes

# Significant Earthquake – Papua New Guinea



## M 7.5 – Panguna, Papua New Guinea

- Occurred 9:28 a.m. EDT, April 19, 2014
  - 47 miles SW of Panguna, Papua New Guinea
  - Approx. 1,560 miles from Guam
  - Depth of 19 miles
- No reports of damage/injuries
- Pacific Wide Tsunami not generated:
  - Very small local tsunami observed Solomon Islands
  - No adverse impacts reported
- USGS issued a Green PAGER alert, indicating:
  - 17k residents exposed to Very Strong shaking (MMI: VII)
  - Low likelihood of shaking-related fatalities or injuries
- 4 significant earthquakes (M6.5 – M7.5) past week

Estimated Modified Mercalli Intensity	I	II-III	IV	V	VI	VII	VIII	IX	X
Est. Population Exposure	--	67k*	291k	102k	97k	17k	0k	0k	0k
Perceived Shaking	Not Felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
Potential Structure Damage	Resistant	none	none	V.Light	Light	Moderate	Moderate/Heavy	Heavy	V.Heavy
	Vulnerable	none	none	Light	Moderate	Moderate/Heavy	Heavy	V.Heavy	V.Heavy

# Mudslide Recovery - Washington



**March 22, 2014**

- Large mudslide occurred in Snohomish County (pop.746k) near town of Oso (pop. 180)

## **Impacts**

- 39 confirmed fatalities; 4 people remain missing
- 43 structures affected (37 destroyed and 6 damaged)

## **State/Local**

- WA State & Snohomish County EOCs remain activated
- 189 National Guard supporting operations
- Red Cross Family Care Centers are open to support response teams

## **Federal**

- USFS IMT and FEMA IST are working with the County on a transition plan
- Major Disaster Declaration FEMA-4168-DR approved April 2, 2014
- Three DRCs open; JFO remains operational in Everett, WA
- US&R Status
  - ▲ WA TF-1 demobilized Apr 19 and returned to home station
  - IST Blue -10 members will remain onsite through April 23, 2014
  - 2 Canine Search Teams will remain deployed until 4/23
- Region X RRCC remains at Watch/Steady State; IMAT deployed; LNO deployed to WA SEOC



<http://snohomishcountywa.gov/2356/Photos>

# Disaster Requests & Declarations



**FEMA**

<b>Declaration Requests in Process</b>		<b>Requests APPROVED (since last report)</b>	<b>Requests DENIED (since last report)</b>
<b>1</b>	<b>Date Requested</b>	<b>0</b>	<b>0</b>
<b>IN – DR (Appeal) Severe Winter Storm</b>	<b>April 8, 2014</b>		

# Joint Preliminary Damage Assessments

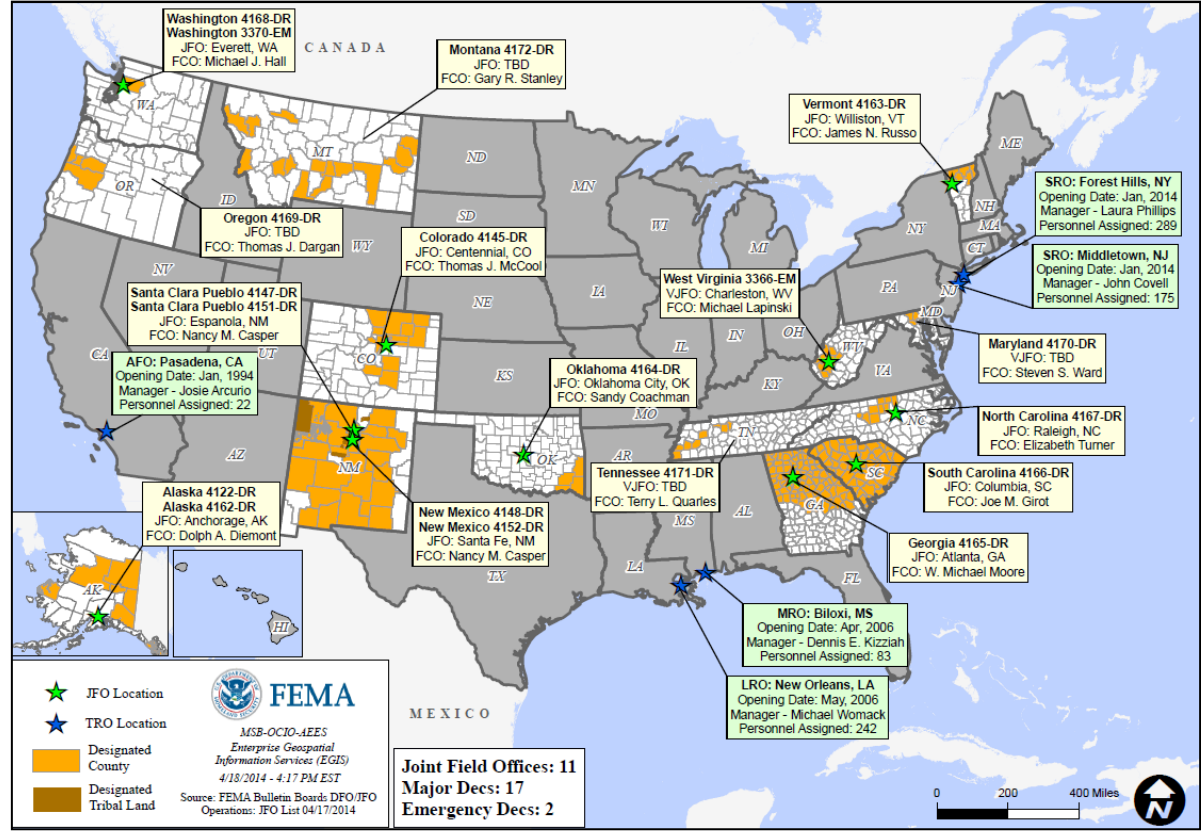


Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Complete	
X	WA	Mudslide March 22, 2014	IA	1	1	3/22 – 3/26
			PA	1	0	3/22 - TBD

# Open Field Offices as of April 20, 2014



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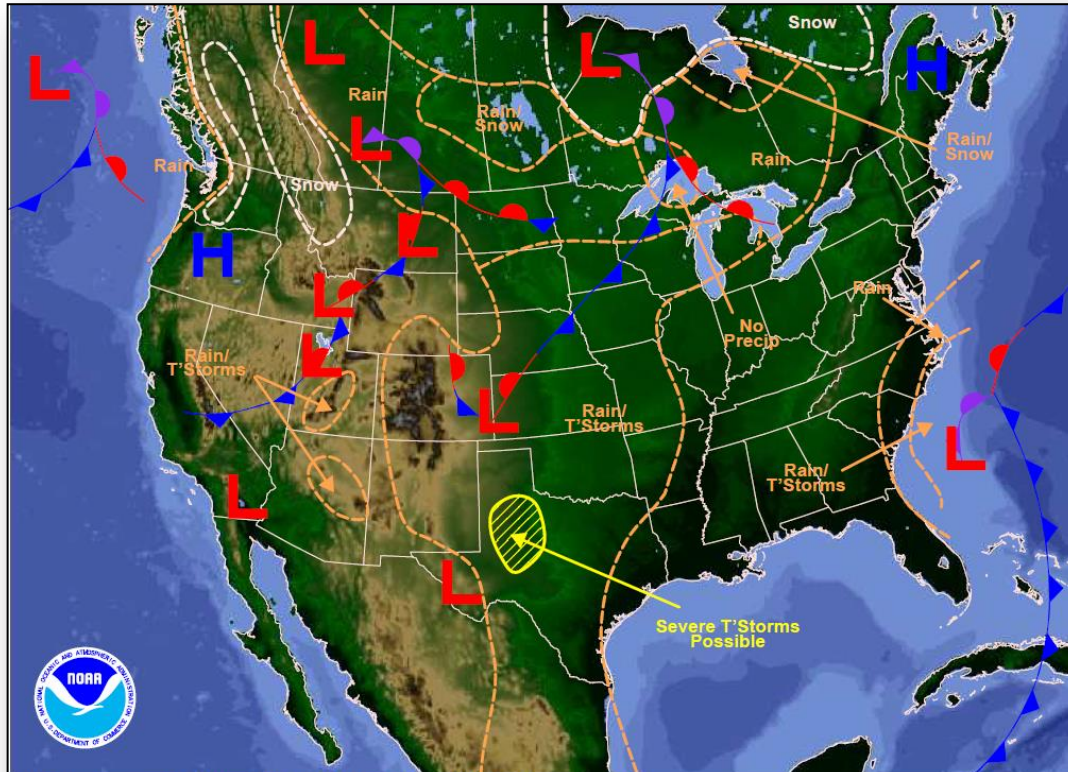




# National Weather Forecast



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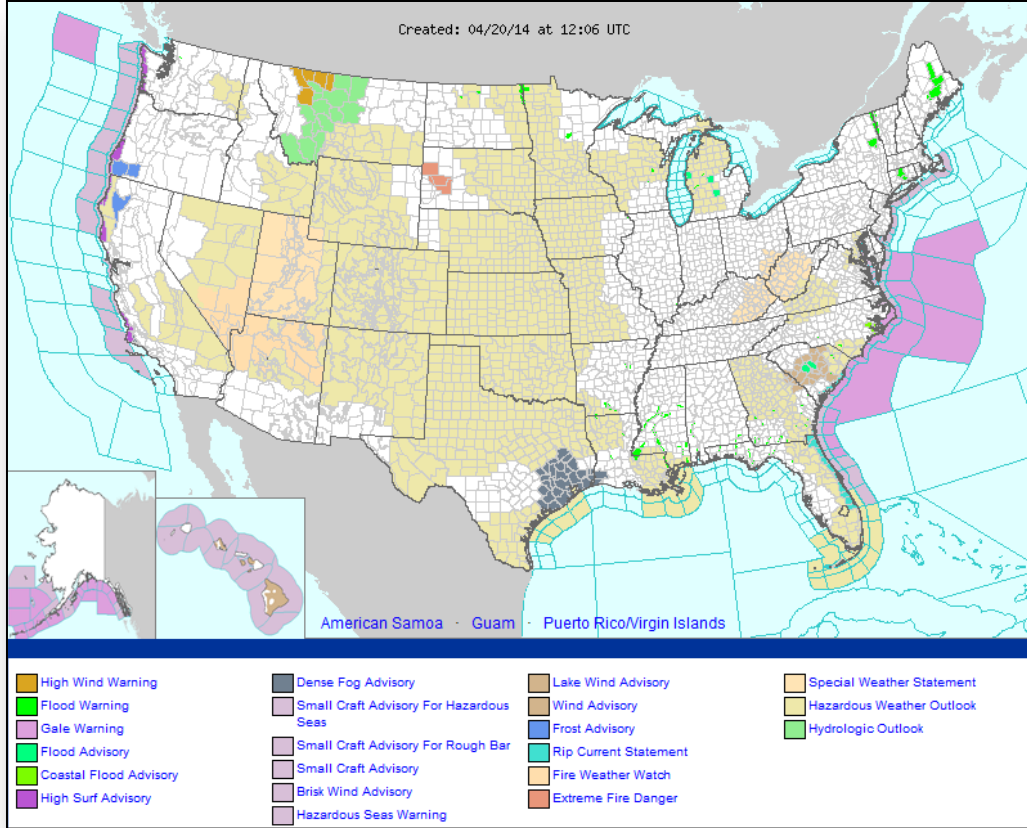
Weather Forecast for Sun, Apr 20, 2014, issued 4:39 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Fanning based on WPC, SPC and NHC forecasts



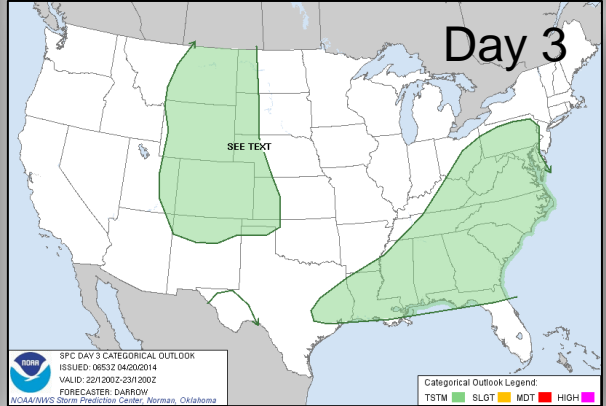
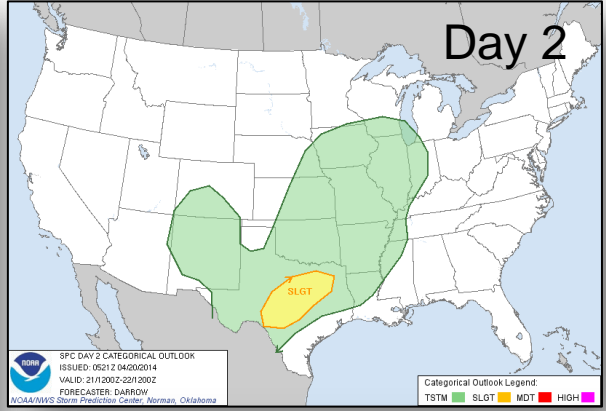
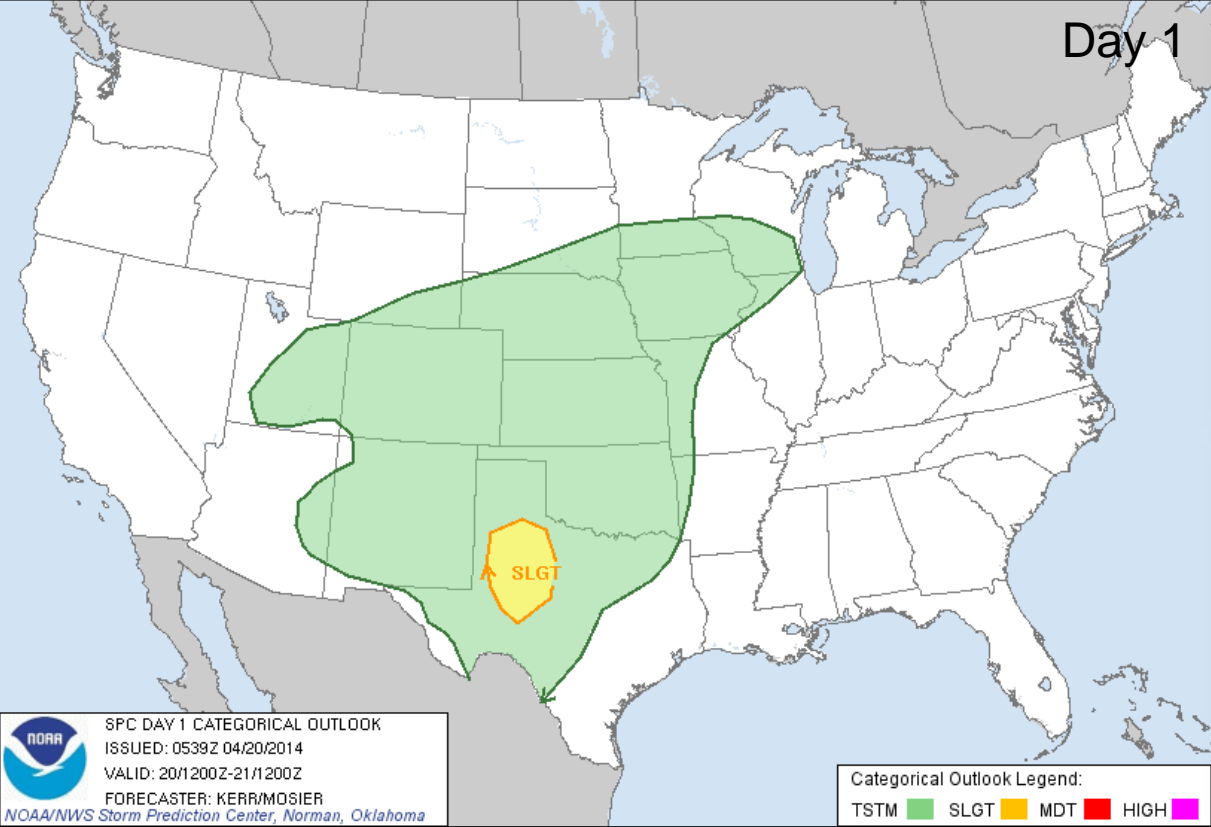
# Active Watches/Warnings



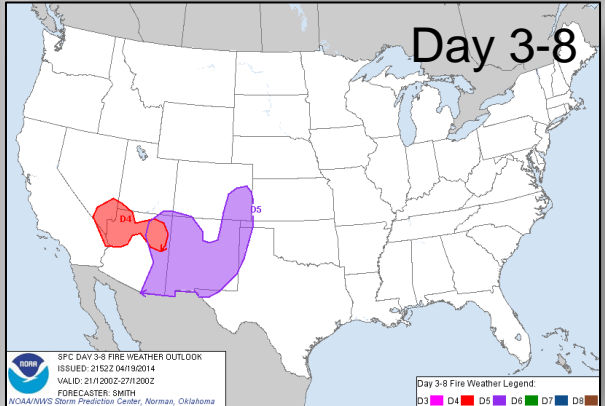
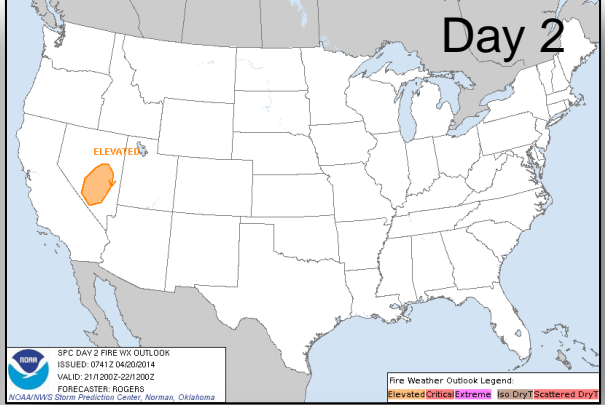
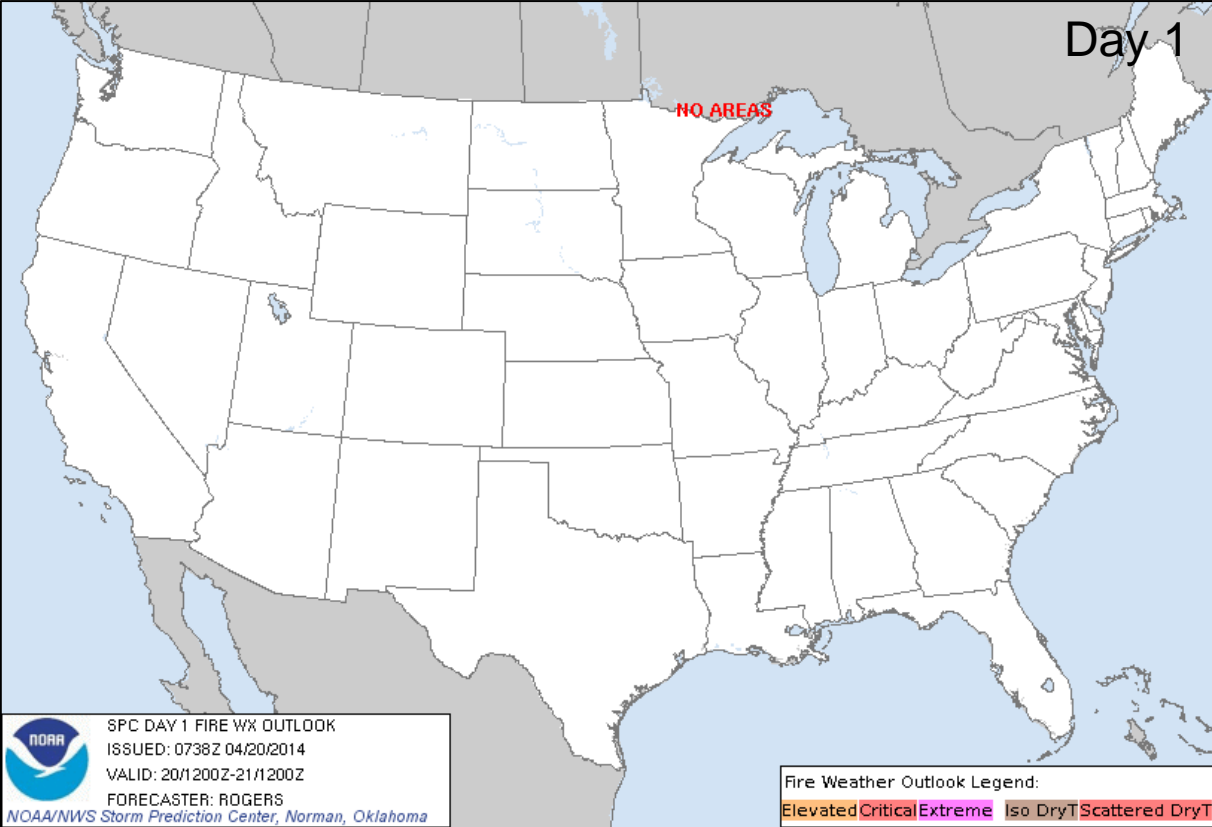
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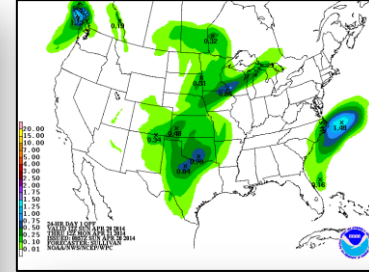
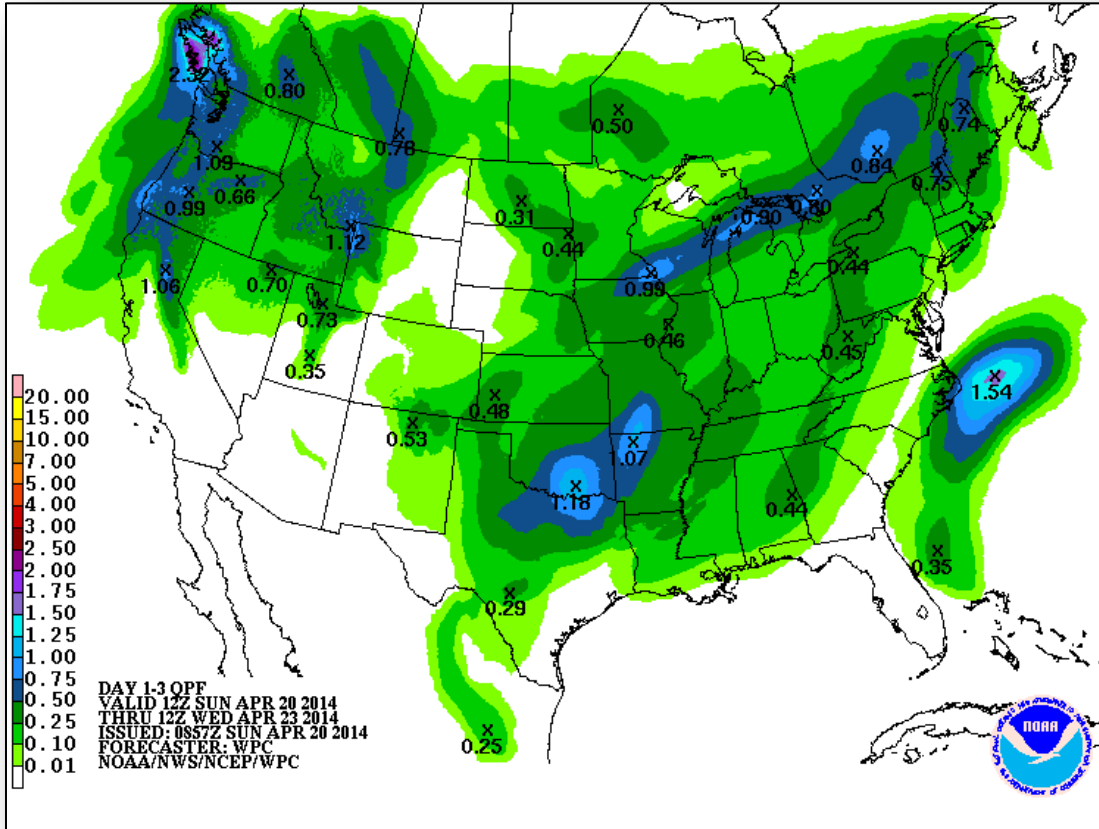
# Convective Outlook – 3 Day



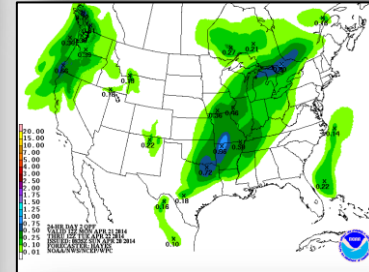
# Critical Fire Weather Areas, Days 1 – 8



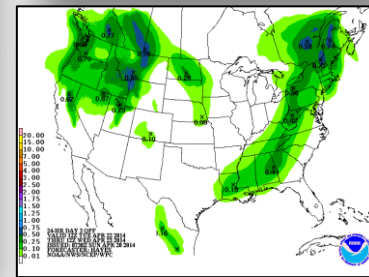
# Precipitation Forecast – 3 Day



Day 1

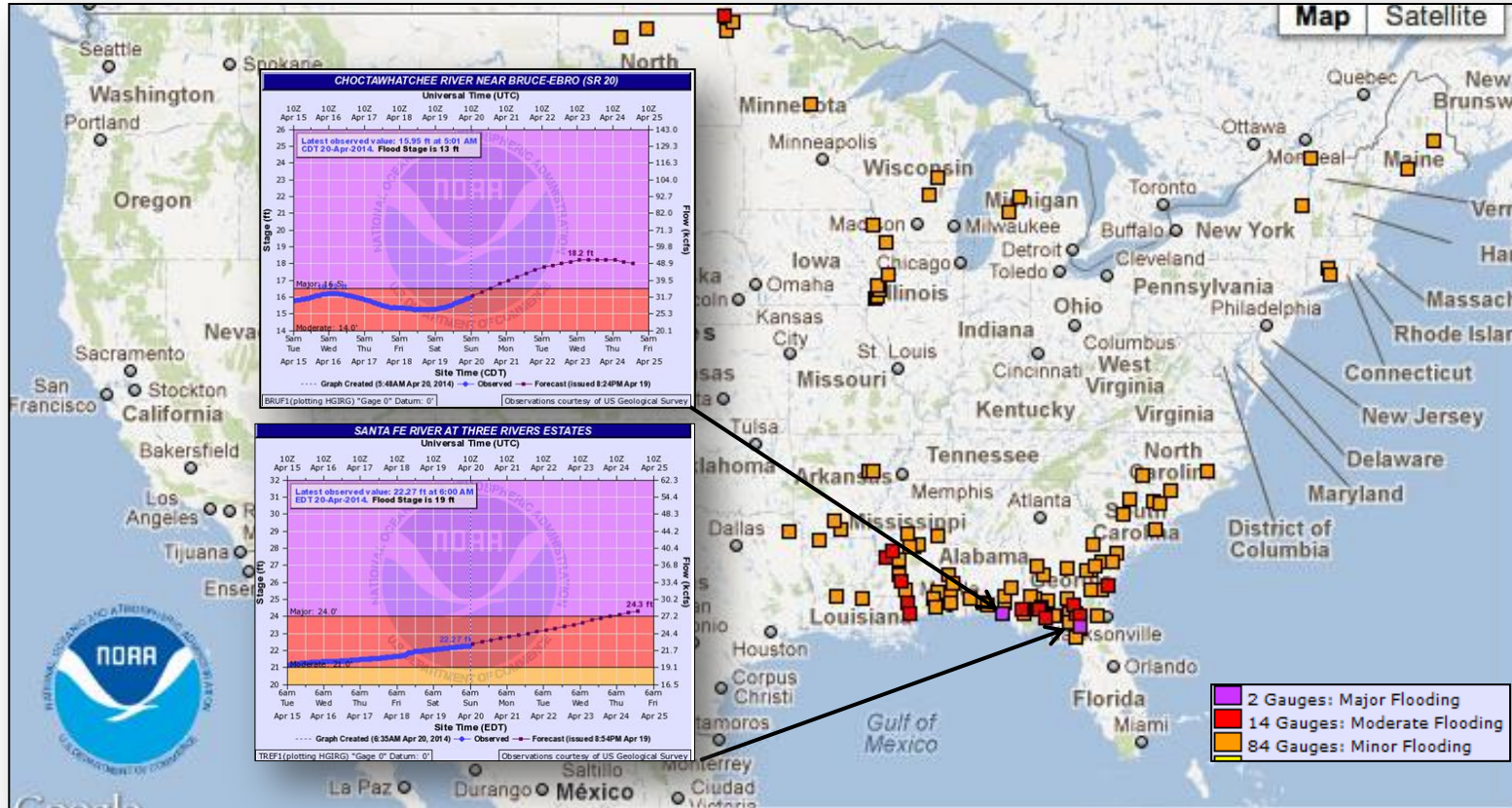


Day 2



Day 3

# River Forecast

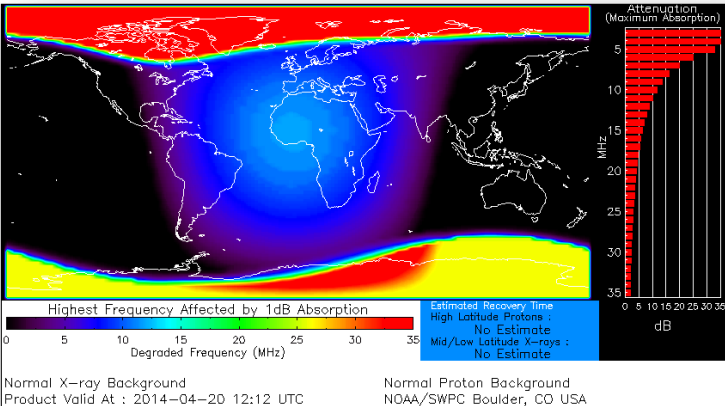




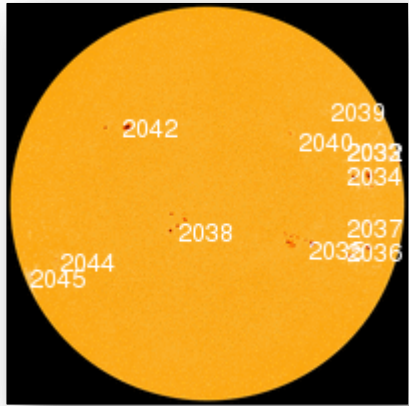
# Space Weather

NOAA Scales Activity (Range: 1/minor to 5/extreme)	Past 24 Hours	Current	Next 24 Hours
Space Weather Activity:	Minor	None	Moderate
• Geomagnetic Storms	None	None	G2
• Solar Radiation Storms	S1	None	S1
• Radio Blackouts	None	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		39	17	53%	0	5	16		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		9	6	56%	0	0	3		
US&R		28	26	92%	1	1	0	<ul style="list-style-type: none"> <li>NM-TF1 (Yellow – Conditional)</li> <li>IST Blue deployed to WA</li> <li>WA-TF1 (Red) Demobilized from Washington</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	2	67%	0	0	1	<ul style="list-style-type: none"> <li>IMAT West deployed to WA for mudslide</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	7	54%	0	2	4	<ul style="list-style-type: none"> <li>Region IV deployed to NC &amp; SC</li> <li>Region VI deployed to OK</li> <li>Region X deployed to WA</li> <li><u>Not Mission Capable:</u></li> <li>Region V: 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> <li><i>R-IMAT also red if TL Ops/Log Chief is unavailable and has no qualified replacement.</i></li> </ul>
MCOV		55	50	91%	0	2	3	<ul style="list-style-type: none"> <li>2 not available – maintenance</li> <li>3 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	356	93%	0	26	Not Activated		
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.**