



FEMA

Daily Operations Briefing

Wednesday, April 16, 2014

8:30 a.m. EDT

Significant Activity: Apr 15 - 16



Significant Events:

- Flooding – Region I, II & V
- Mudslide Recovery – Snohomish County, WA

Significant Weather:

- Rain and snow over Pacific Northwest into the Central Great Basin, Central Rockies, Central Plains, Midwest, & Great Lakes
- Heavy snow over portions of the Upper Midwest & northern Michigan
- Rain & thunderstorms over portions of Florida
- Unseasonably cold across the central and eastern U.S.
- Red Flag Warnings – AZ, NM, TX, OK, KS, NE, MO, & IA
- Elevated/Critical Fire Weather Areas – AZ, NM, TX, OK, KS, MO, NE, & IA
- Space Weather: None past 24 hours; None expected next 24 hours

FEMA Readiness:

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

Disaster Activity: None

Flooding – Regions I & II



Region I

Situation/Impacts

- Flood Watches, Warnings & Advisories in effect until this evening
- Numerous low-lying roads closed due to flooding & washouts

Vermont

- SEOC is Partially Activated; due to ongoing flooding
- Three shelters open with three occupants
- 5 swift water rescue teams on standby this morning

New Hampshire

- SEOC Partially Activated

Region II

New York

Situation/Impacts

- New York State/OEM Partially Activated
- Governor declared an emergency for 6 counties
- Flood Watches, Warnings & Advisories across upstate NY

Federal

- FEMA Regions I & II remains at Watch/Steady State
- FEMA Region I - LNO deployed to VT EOC
- No unmet needs & no requests for FEMA assistance

Flooding – Region V



Region V - Michigan

Situation/Impacts

- A flood warning remains in effect for rivers in Lower Michigan
- The Muskegon River surpassed an all-time high water mark Tuesday afternoon, reaching a level of 15.5 feet - almost 6 feet over river's nine-foot flood stage
 - Floodwater surrounded 200 homes and cut off access to some neighborhoods
- Near Devil's Hole (lake), 45 homes affected by flood water; 13 other neighborhoods with significant flooding
- Voluntary evacuations ongoing in multiple counties
- 3 shelters open with 3 occupants
- Wraco Lodge Lake Dam gave way, high waters moved downstream; water levels continue to recede
 - No structures, private property or populations affected but multiple roads washed out/closed due to flooding
- Michigan SEOC closed yesterday; may reopen today to monitor ongoing flood situation

Federal

- FEMA Region V remains at Watch/Steady State
- No unmet needs & no requests for FEMA assistance

Mudslide Recovery - Washington



March 22, 2014

- Large mudslide occurred in Snohomish County (*pop.745,913*) near town of Oso (*pop. 180*)

Impacts

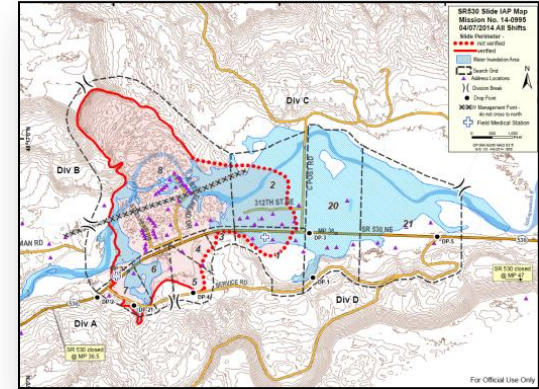
- ▲ 37 (+1) confirmed fatalities; 7 people remain missing and/or unaccounted for; 23 injured
- 43 structures affected; 37 (correction) destroyed and 6 damaged (*4168-DR-WA JFO SITREP*)

State/Local

- Governor declared State of Emergency
- WA State & Snohomish County EOCs remain activated
- US&R WA TF-1 deployed as a state asset
- ▲ 194 (-7) National Guard supporting operations

Federal

- Major Disaster Declaration FEMA-4168-DR approved April 2, 2014
- Three (DRCs) opened Apr 7; locations are Arlington, Oso, and Darrington
- JFO opened in Everett, WA on April 12
- ▲ The berm is complete and crews continue to raise the height
- US Forest Service Type 2 IMT on scene; US&R IST Blue deployed to WA
- 25 Canine Search Teams remain deployed with WA TF-1
- Region X RRCC remains at Watch/Steady State; IMAT deployed to ICP; LNO deployed to WA SEOC
- Bothell MOC continues to monitor 24/7; 3 MCOVs deployed to WA
- N-IMAT West remains deployed to WA; NWC at Watch/Steady State



Disaster Requests & Declarations



Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
2	Date Requested	0	1
TX – DR (Appeal) Severe Winter Storm	March 13, 2014		April 15, 2014
IN – DR (Appeal) Severe Winter Storm	April 8, 2014		
MT – DR Ice Jams & Flooding	April 11, 2014		

Joint Preliminary Damage Assessments

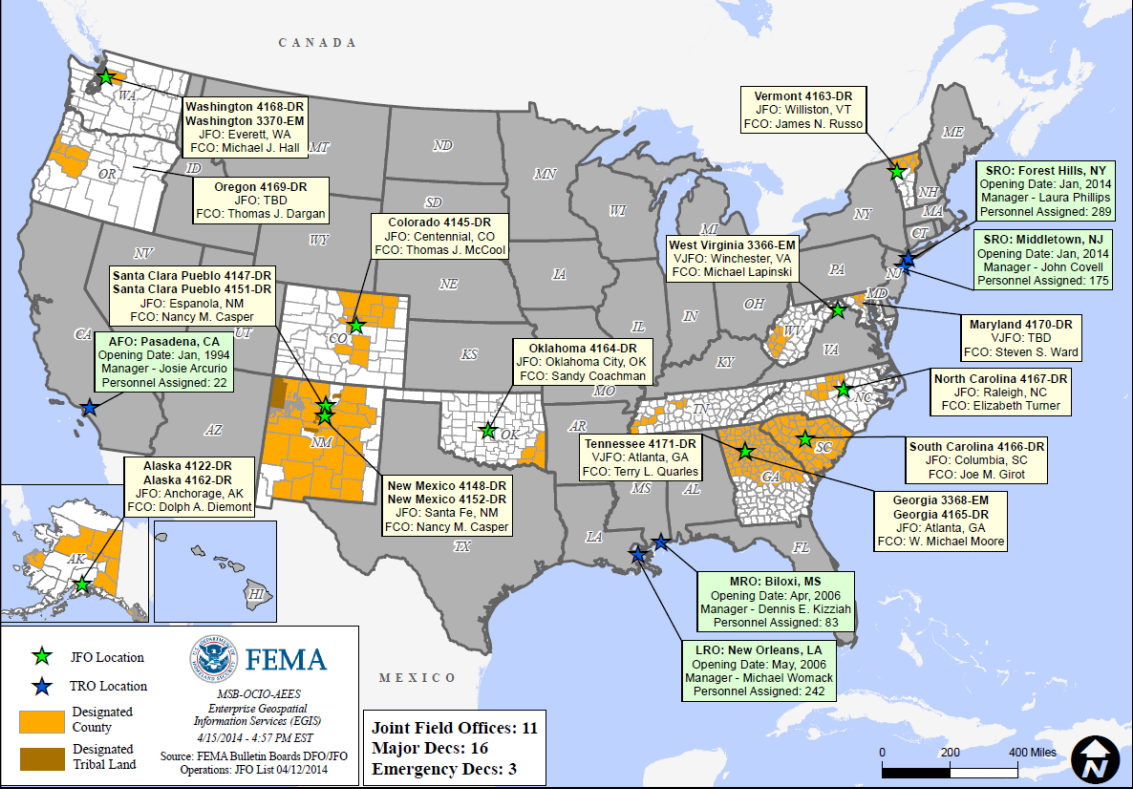


Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Complete	
X	WA	Mudslide March 22, 2014	IA	1	1	3/22 – 3/26
			PA	1	0	3/22 - TBD

Open Field Offices as of April 16, 2014



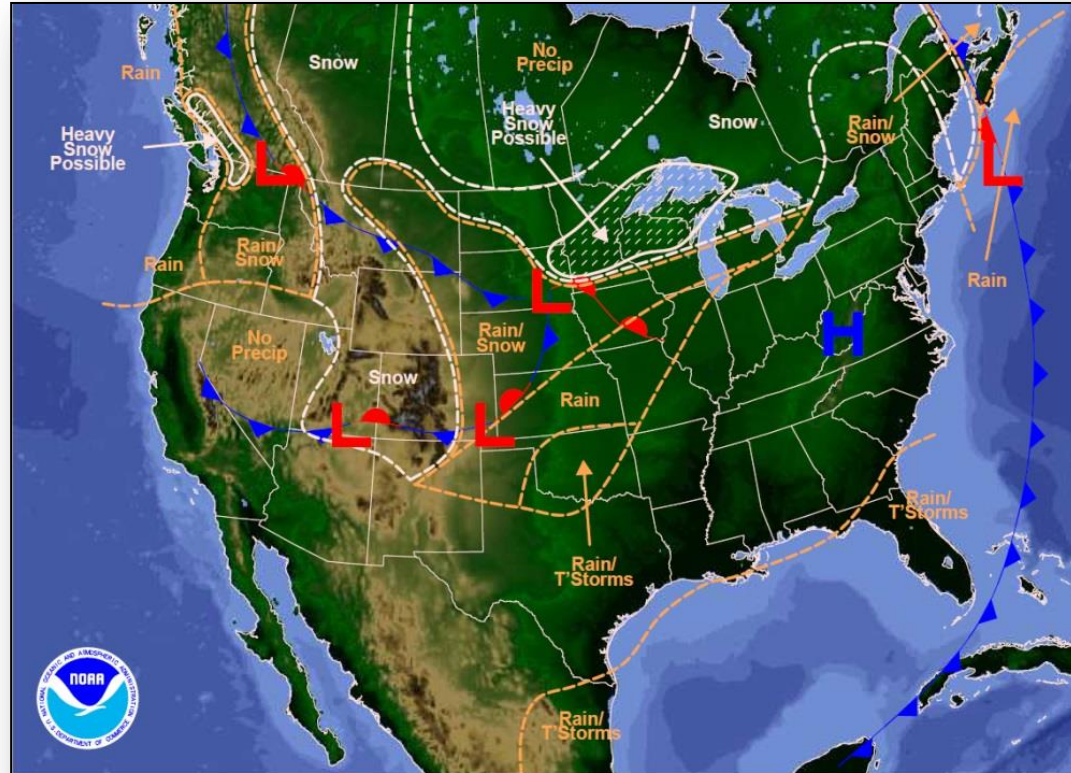
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National Weather Forecast



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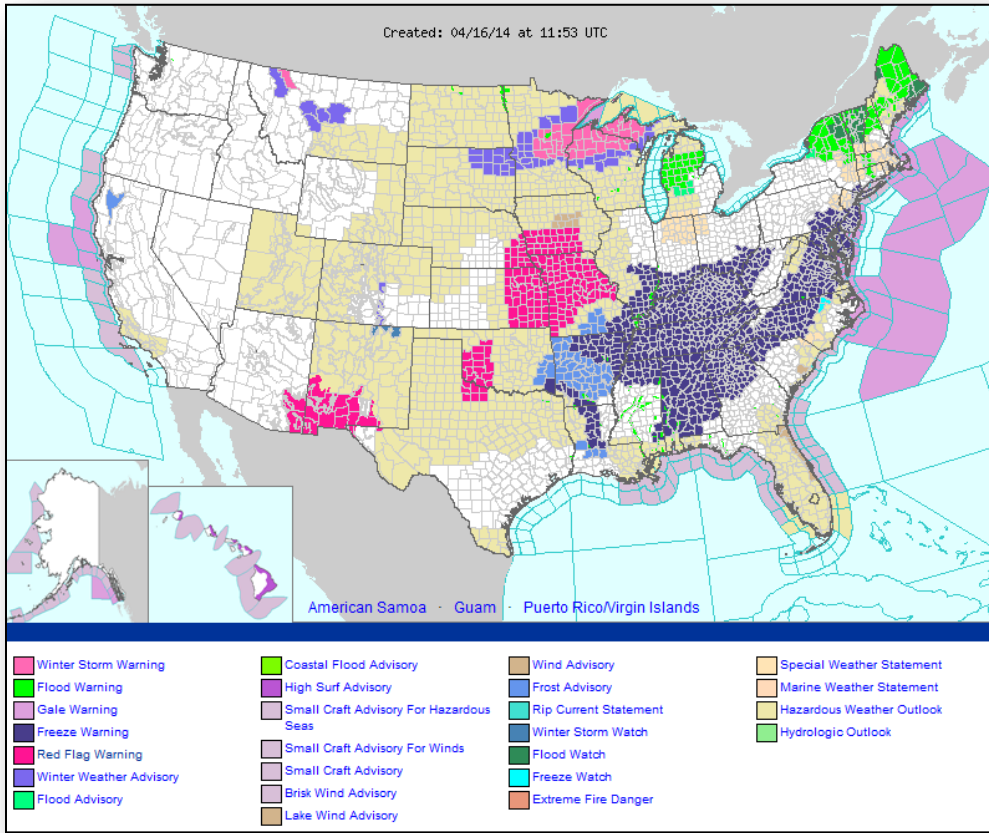


Weather Forecast for Wed, Apr 16, 2014, issued 3:28 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

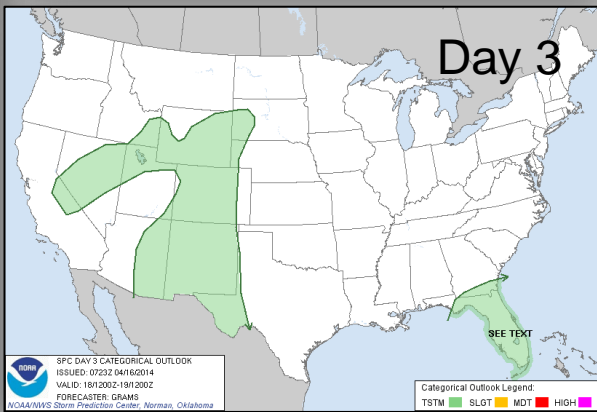
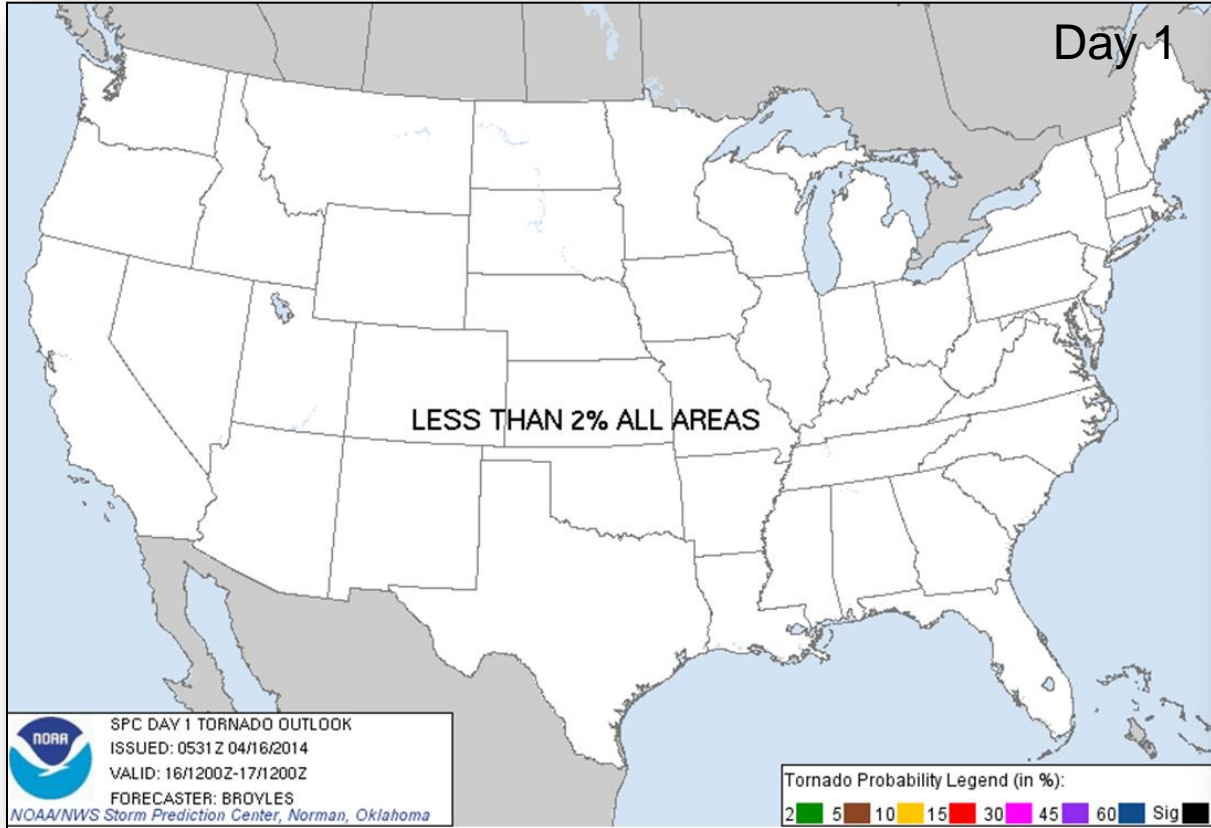
Active Watches/Warnings



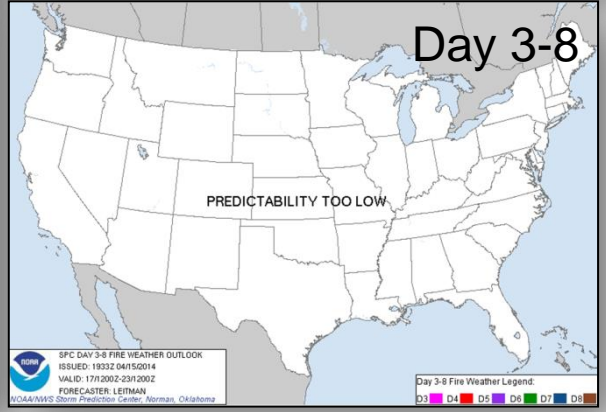
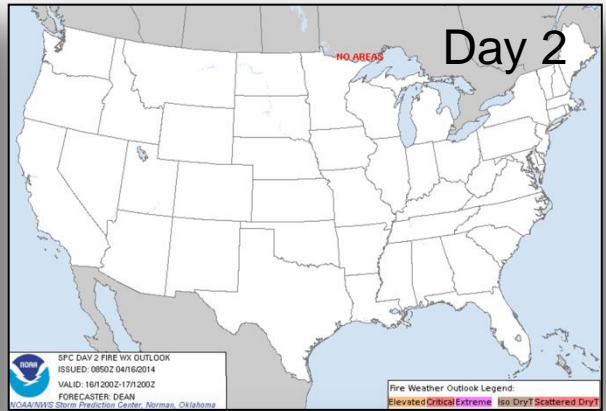
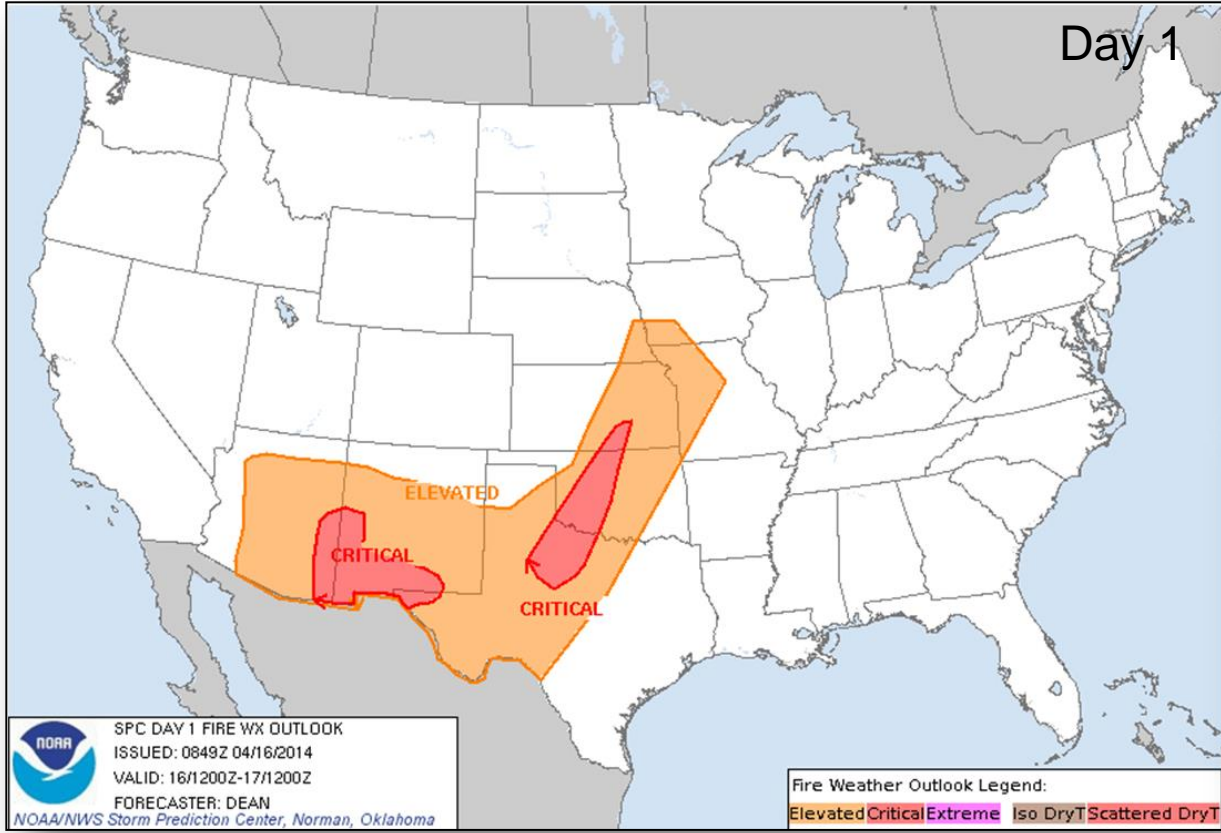
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Convective Outlooks Day 1

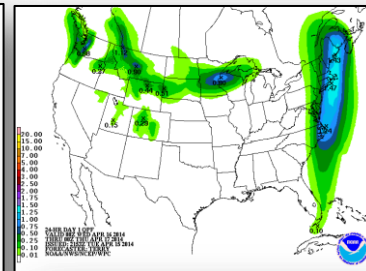
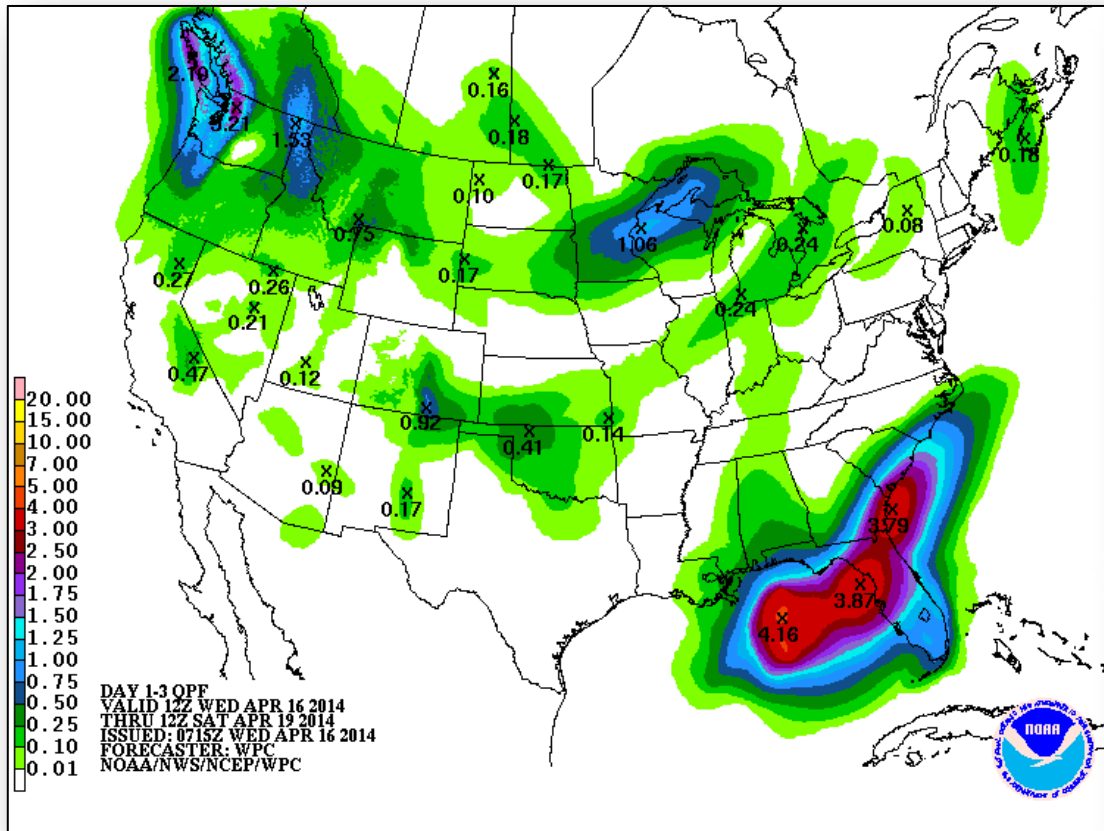


Critical Fire Weather Areas Days 1 – 8

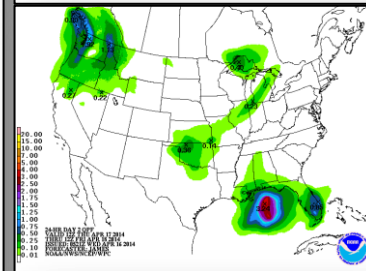




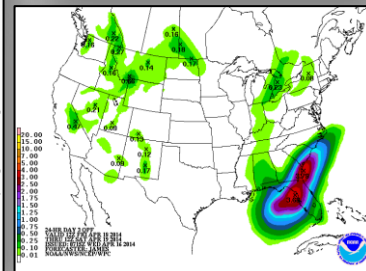
Precipitation Forecast – 3 Day



Day 1



Day 2

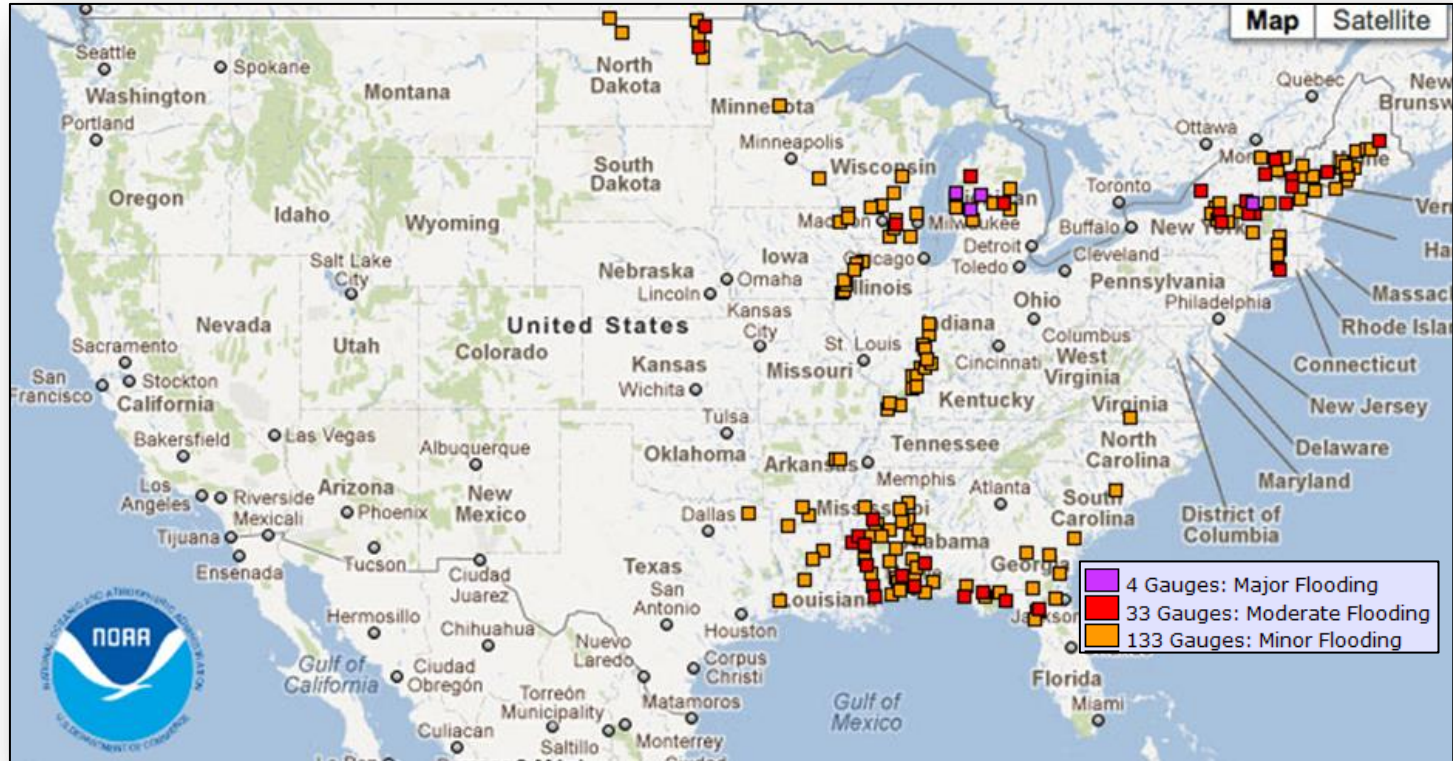


Day 3

River Forecast – 3 Day



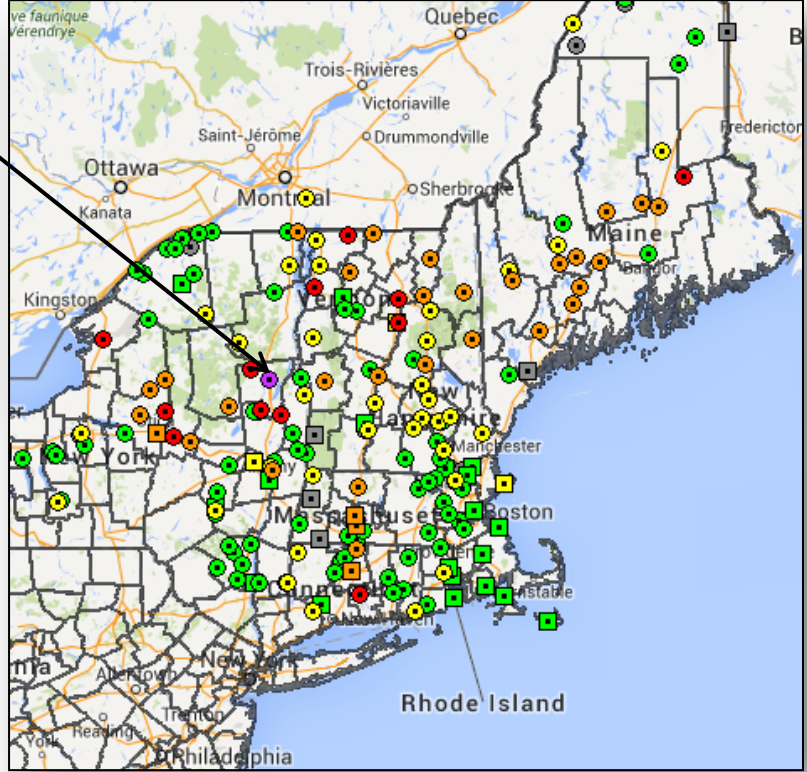
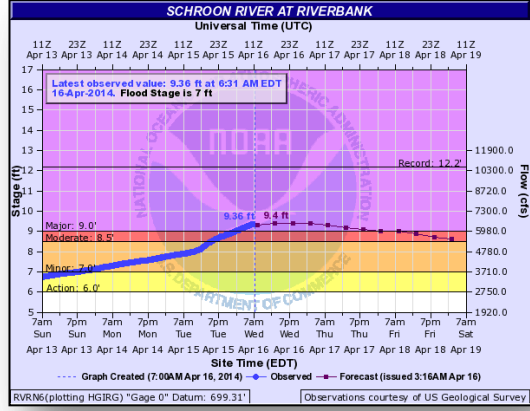
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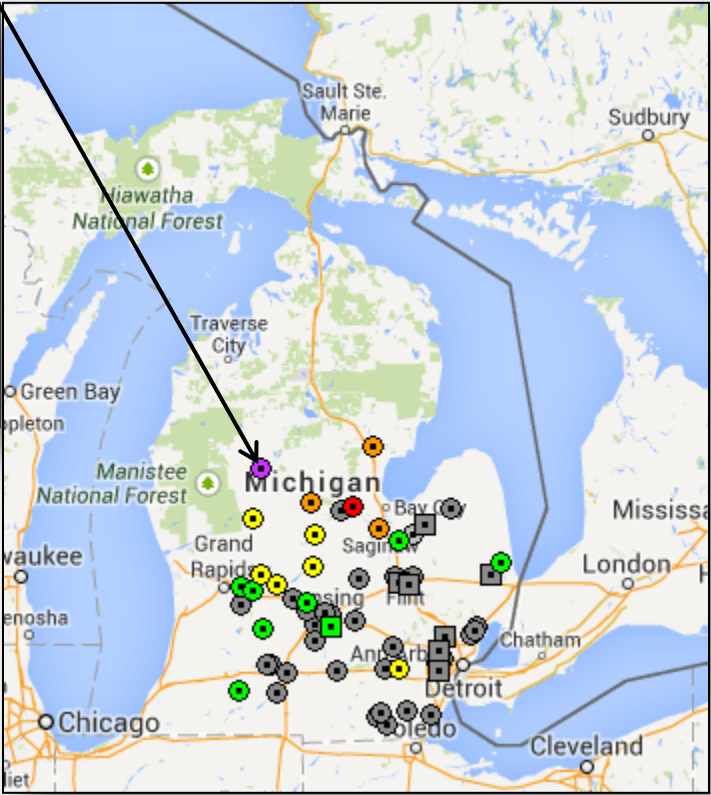
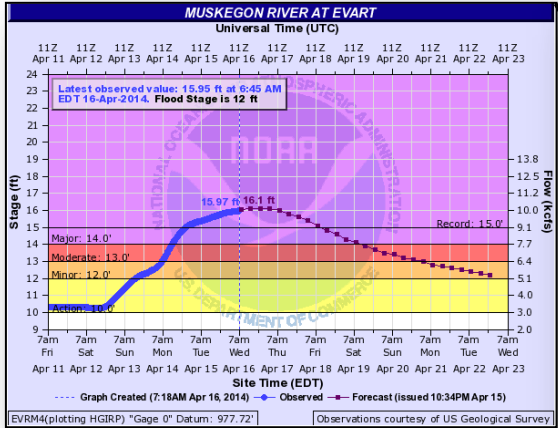
River Forecast



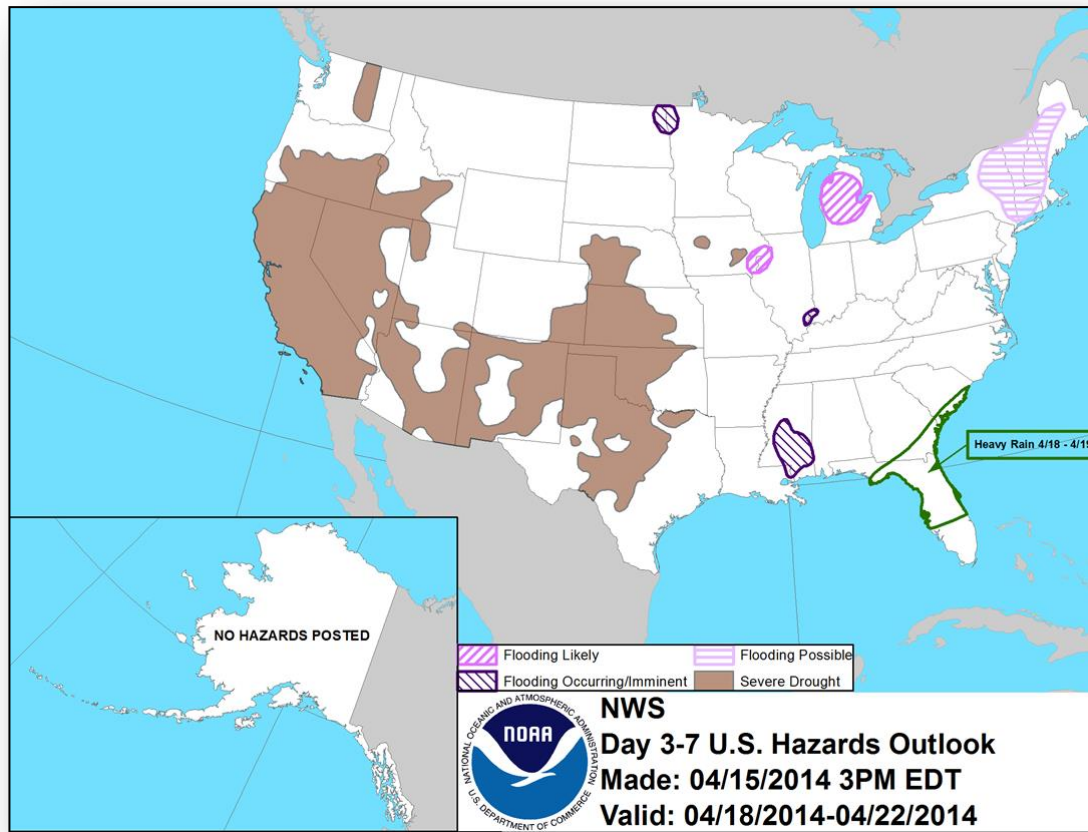
New England



River Forecast

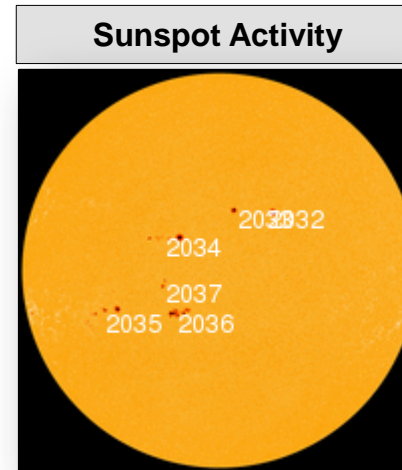
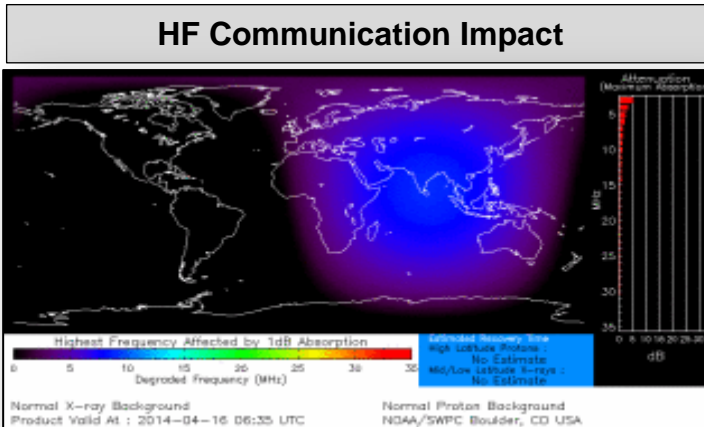


Hazard Outlook: April 18 – 22



Space Weather

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



El Niño Watch Continues

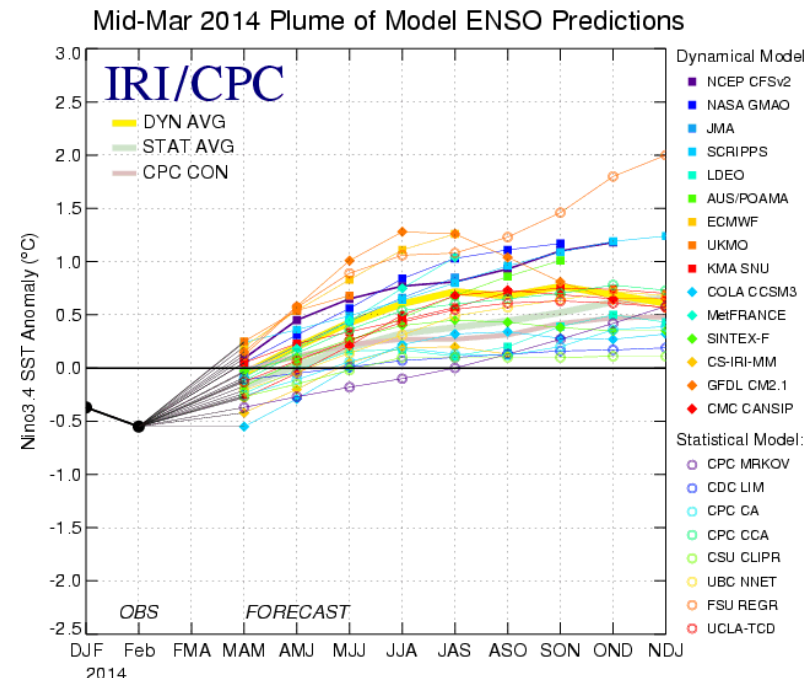


Synopsis:

- ENSO-neutral continued during March 2014; with above-average sea surface temperatures developing over much of eastern tropical Pacific and near the International Date Line.
- Model predictions of ENSO for this summer and beyond are indicating an increased likelihood of El Niño this year compared with last month.
- While ENSO-neutral is favored for Northern Hemisphere spring, the chances for El Niño increase during the remainder of the year, and exceed 50% by the summer. Despite greater model consensus, there remains considerable uncertainty as to when El Niño will develop and how strong it may become.

El Niño Southern Oscillation (ENSO) Alert System:

- ▲ **El Niño or La Niña Watch:** Issued when conditions are favorable for the development of El Niño or La Niña conditions in the next six months.
- ▲ **El Niño or La Niña Advisory:** Issued when El Niño or La Niña conditions are observed and expected to continue.
- ▲ **Final El Niño or La Niña Advisory:** Issued after El Niño or La Niña conditions have ended.
- ▲ **NA:** ENSO Alert System is not active.



El Niño Trends

Typical El Niño Trends:

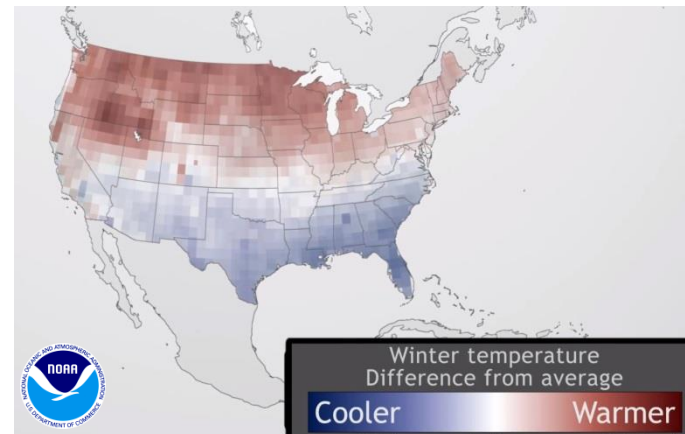
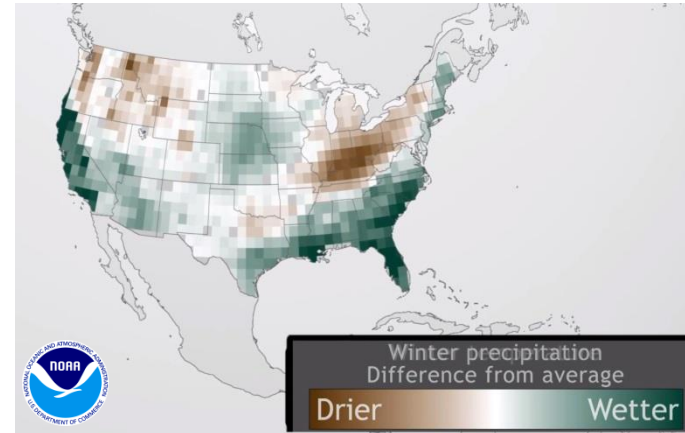
- Because the central and eastern Pacific is warmer than normal, this fuels the Jet Stream and allows it to shift eastward with this energy source.
- During Winter:
 - El Niño is generally associated with wetter than normal conditions for the southern tier of the U.S., and the drier than average conditions over the Pacific Northwest, northern Rockies and Ohio Valley.
 - Below average temperatures are found in the southeast U.S., with warmer than normal conditions over the northern part of the country.
- Tropics:
 - There tend to be fewer Atlantic hurricanes during El Niño because of increased vertical wind shear. Fewer hurricanes and major hurricanes develop in the deep tropics from African easterly waves. *This does not suggest the impacts from land-falling hurricanes will be less severe.*
 - The eastern Pacific is typically more active during El Niño because of an expanded area of low vertical wind shear.

Remember, climate predictions based on El Niño indicate what weather to expect on average, and over a long period of time.

NOAA YouTube Video: http://www.youtube.com/watch?v=Tuou_Qcgxl

Additional Educational Material:

<http://www.cpc.ncep.noaa.gov/products/precip/CWlink/MJO/enso.shtml#educational%20material>



FEMA Readiness – Deployable Teams/Assets



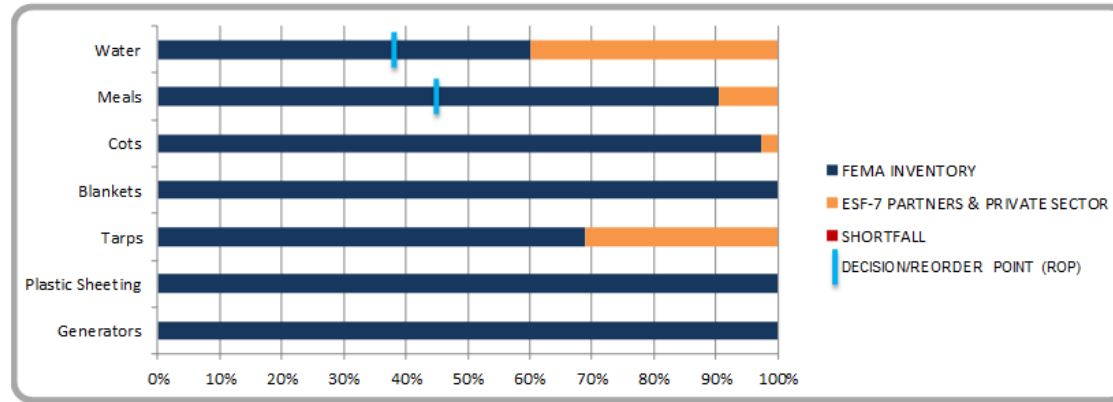
Deployable Teams/Assets									
Resource	Status	Total	Available		Partially Available	Not Available	Deployed Activated	Comments	Rating Criterion
FCO		39	21	53%	0	5	16		OFDC Readiness: FCO Green Yellow Red Type 1 3+ 2 1 Type 2 4+ 3 2 Type 3 4 3 2 FDRC 3 2 1
FDRC		9	5	56%	0	0	4		
US&R		28	25	89%	1	2	0	<ul style="list-style-type: none"> NM-TF1 (Yellow – Conditional) IST Blue deployed to WA CA-TF7 (Demobilizing) WA-TF1 (Red-deployed to WA as state asset) 	<ul style="list-style-type: none"> Green = Available/FMC Yellow = Available/PMC Red = Out-of-Service Blue = Assigned/Deployed
National IMAT		3	2	67%	0	0	1	<ul style="list-style-type: none"> IMAT West deployed to WA for mudslide 	<ul style="list-style-type: none"> Green: 3 avail Yellow: 1 avail Red: 0 avail <i>Individual N-IMAT red if 50% of Section Chiefs and/or Team Leader is unavailable for deployment.</i>
Regional IMAT		13	6	46%	0	3	4	<ul style="list-style-type: none"> Region IV deployed to GA & SC Region VI deployed to OK Region X deployed to WA Not Mission Capable: <ul style="list-style-type: none"> Region V & IX: Personnel shortages Region VII: Personnel/equipment shortages 	<ul style="list-style-type: none"> Green: 7 or more avail Yellow: 4 - 6 teams available Red: > 8 teams deployed/unavailable <i>R-IMAT also red if TL Ops/Log Chief is unavailable and has no qualified replacement.</i>
MCOV		55	53	96%	0	2	3	<ul style="list-style-type: none"> 2 not available – maintenance 3 deployed to WA for mudslide 	<ul style="list-style-type: none"> Green = Available/FMC Yellow = Available/PMC Red = Out-of-Service Blue = Assigned/Deployed

FEMA Readiness – National/Regional Teams



National/Regional Teams									
Resource	Status	Total	Available		Partially Available	Not Available	Deployed/ Activated	Comments	Rating Criterion
NWC	Green	5	5	100%	0	0	24/7		<ul style="list-style-type: none"> • Green = FMC • Yellow = PMC • Red = NMC
NRCC	Green	2	356	93%	0	26	Not Activated		
HLT	Green	1	1	100%	0	0	Not Activated		
DEST	Green						Not Activated		
RRCCs	Green	10	10	100%	0	0	Not Activated		
RWCs/MOCs	Green	10	10	100%	0	0	24/7		

FEMA CONUS – Commodity Readiness



Commodity	Atlanta	Ft. Worth	Frederick	Moffett	Cumberland	Selma & PPS	FEMA Total (CONUS)	Catastrophic Requirement
Water	2,406,974	3,551,178	1,592,382	498,600	874,468	429,712	9,353,314	15,575,000
Meals	3,544,499	2,134,904	1,636,080	490,932	326,796	1,378,954	9,512,165	10,500,000
Cots	11,926	32,836	41,227	22,018	27,434	34,877	170,318	175,000
Blankets	399,139	208,492	215,409	53,864	535,657	185,232	1,597,793	350,000
Tarps	202,518	137,491	1,675	8,631	9,428	1,824	361,567	525,000
Plastic Sheeting	8,045	51,006	13,122	8,580	114,100	376	195,229	78,750
Generators	177	214	129	127			647	432

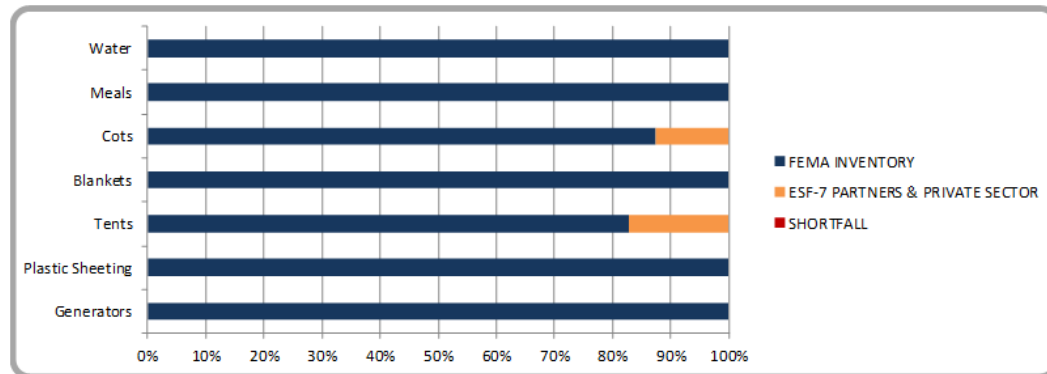
NOTES

Catastrophic requirement based on supporting 1.75 million survivors for 3 days.
 Deliveries of 1.7M liters of water with RDD of mid June 2014 to avoid simultaneous expiration dates.

FEMA CONUS – Pacific Commodity Readiness



FEMA



Commodity	Hawaii	Guam	FEMA Total (Pacific)	Catastrophic Requirement
Water	309,348	179,372	488,720	476,000
Meals	154,400	84,000	238,400	238,000
Cots	6,617	2,787	9,404	10,750
Blankets	10,956	2,245	13,201	6,000
Tents	1,000	864	1,864	2,250
Plastic Sheeting	3,871	5,179	9,050	6,500
Generators	196	85	281	170

NOTES

Hawaii requirement is based on supporting 11,000 survivors for 14 days.

Guam requirement is based on supporting 6,000 survivors for 14 days.

IAW the Region IX right sizing plan.

Total of 18K blankets in the tent support packages, 12K for Hawaii and 6K for Guam.



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.