

The Disaster Center is dedicated to the idea that disaster mitigation is cost effective and individuals pursuing their own interest are the greatest potential force for disaster reduction.

Please consider making a small donation to the Disaster Center



When disaster mitigation is cost effective, we are on the road to bringing disasters to an end.



FEMA

Daily Operations Briefing

Monday, December 21, 2015

8:30 a.m. EST

Significant Activity: Dec 18-21



Significant Events: None

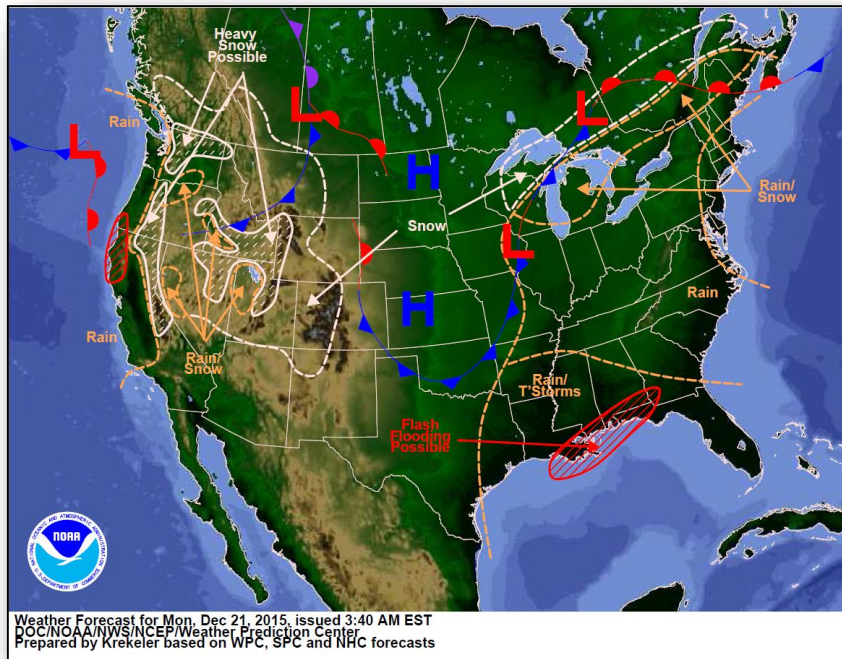
Significant Weather:

- Heavy snow – N. Intermountain, Rockies, & Central Plains
- Rain and snow – Great Lakes & Central Great Basin
- Rain and thunderstorms – Southern Plains, Lower Mississippi Valley, Tennessee Valley, & Southeast
- Red Flag Warnings/Elevated Fire Weather: None
- Space weather:
 - Past 24 hours: moderate, geomagnetic storms reaching G2 level and R1 radio blackouts occurred
 - Next 24 hours: moderate, geomagnetic storms reaching G2 level expected

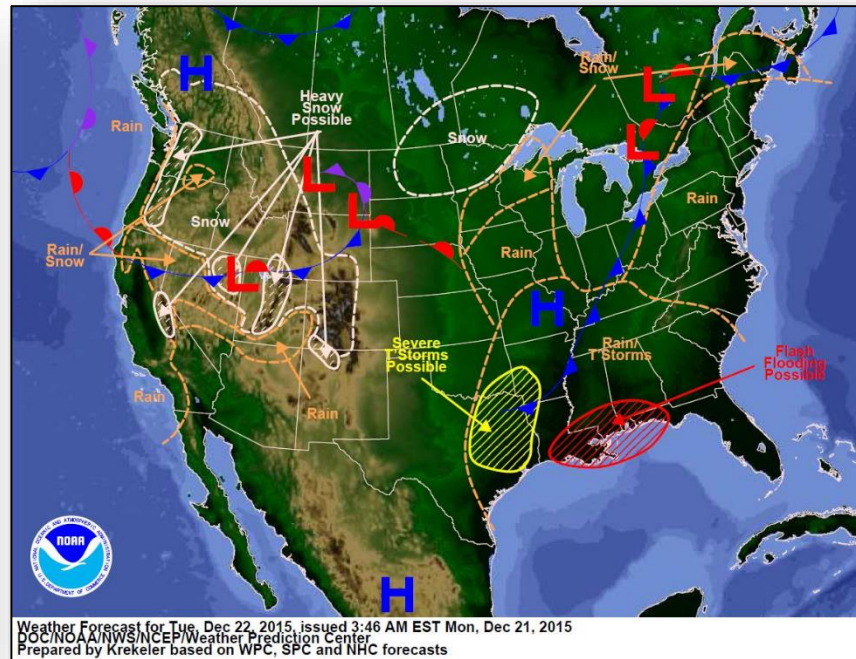
Declaration Activity:

- Request for Major Disaster Declaration - Oklahoma

National Weather Forecast

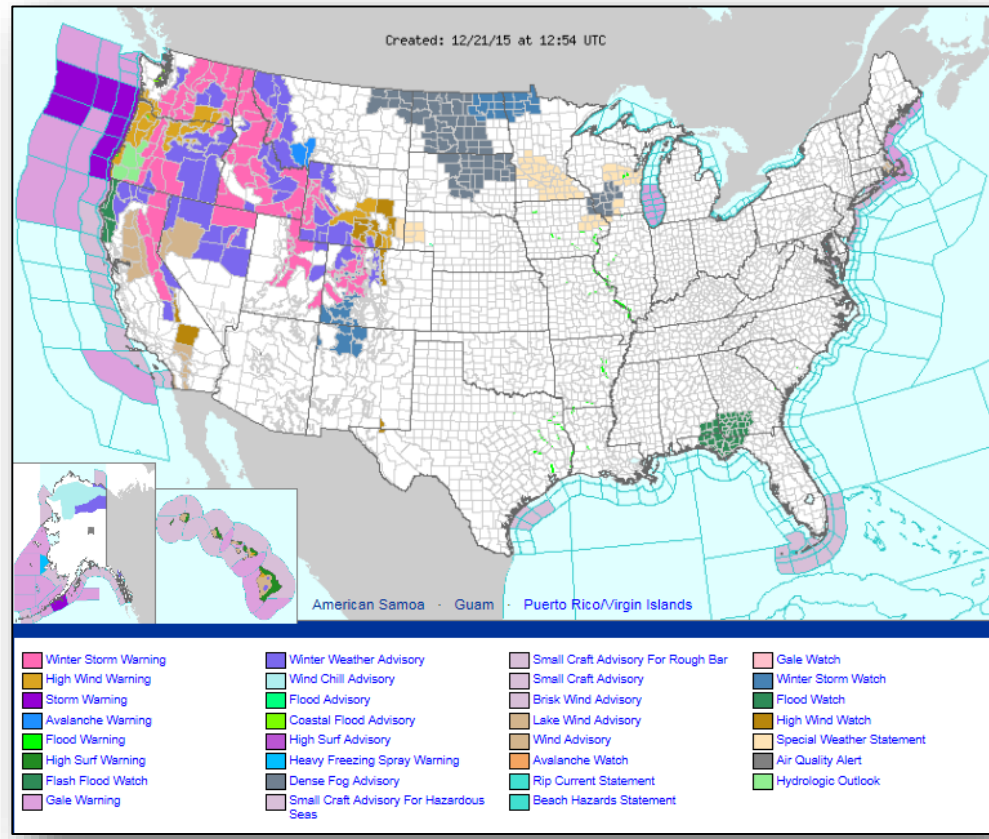


Today



Tomorrow

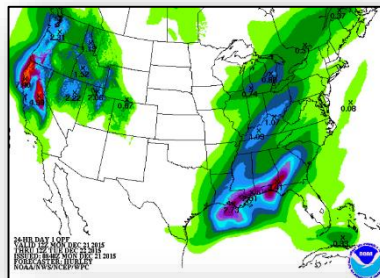
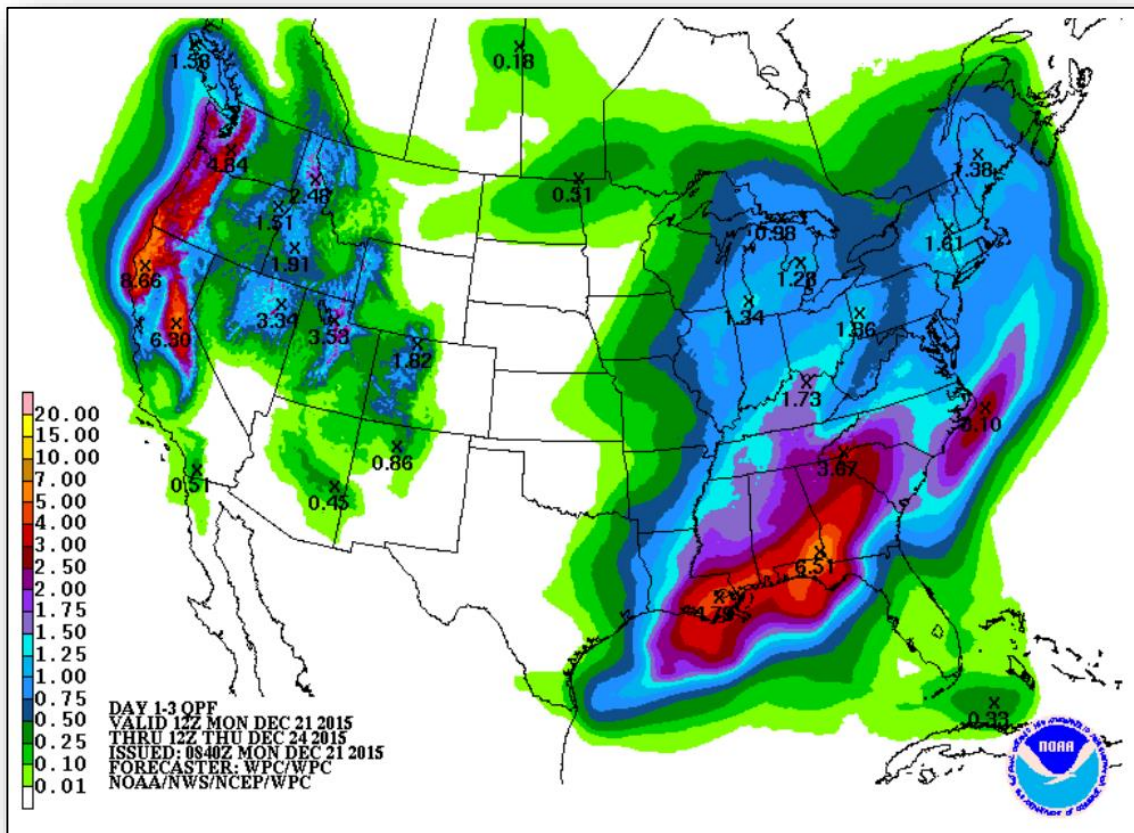
Active Watches/Warnings



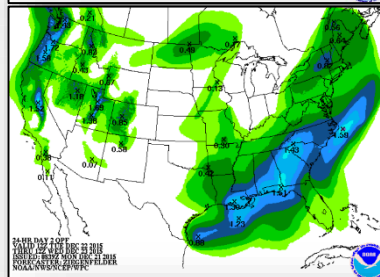


FEMA

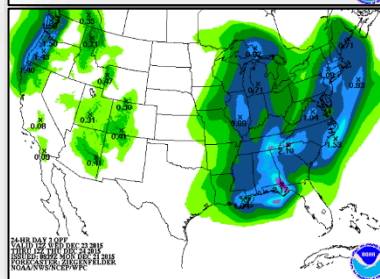
Precipitation Forecast, 1-3 Day



Day 1

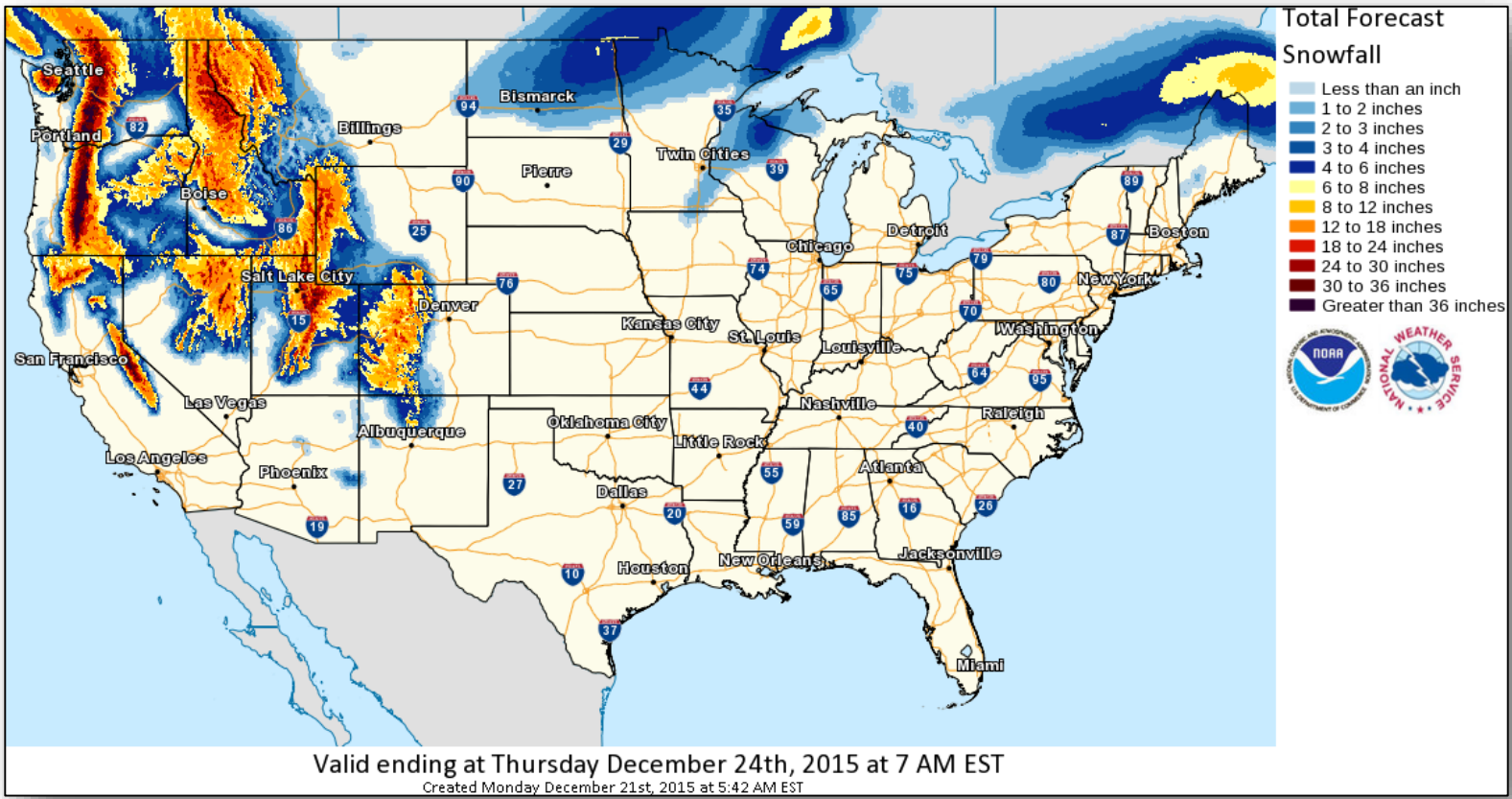


Day 2



Day 3

Snowfall Forecast

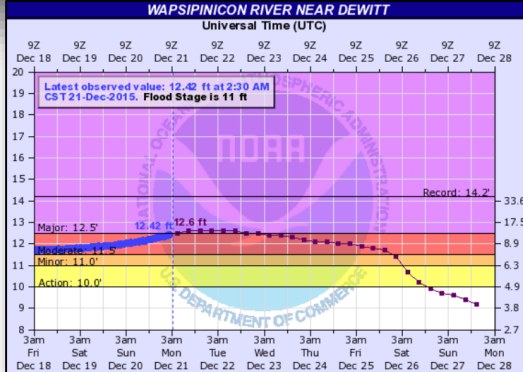


Rivers in Major Flood Stage



Flood Hazard Zones
1% Annual Chance Flood
Hazard

Flood Hazard Zones
0.2% Annual Chance Flood
Hazard



City of Dewitt, IA: Wapsipinicon River

Latest Observed Value: 12.42':

- Overbank flooding occurs
- Water affects residences and businesses along the river
- Water affects old U.S. Highway 61

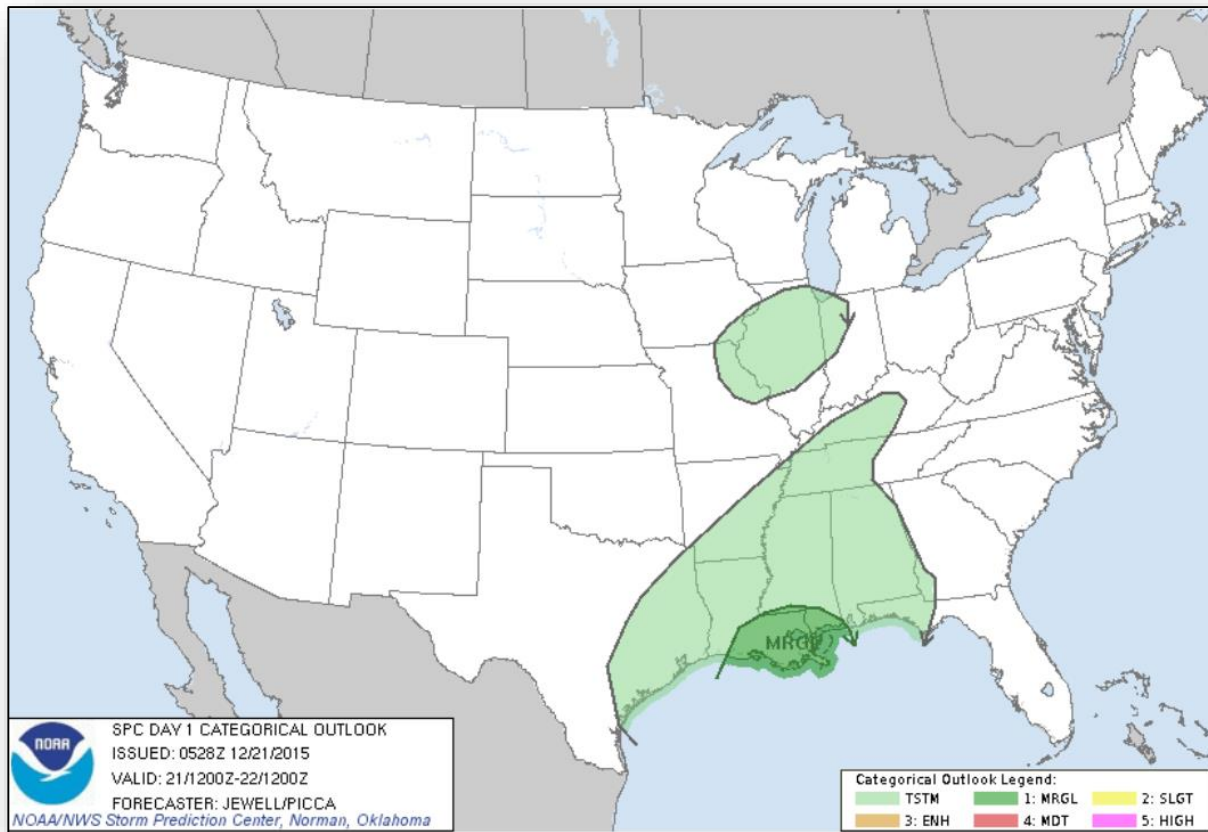


City of Liberty, TX; Trinity River

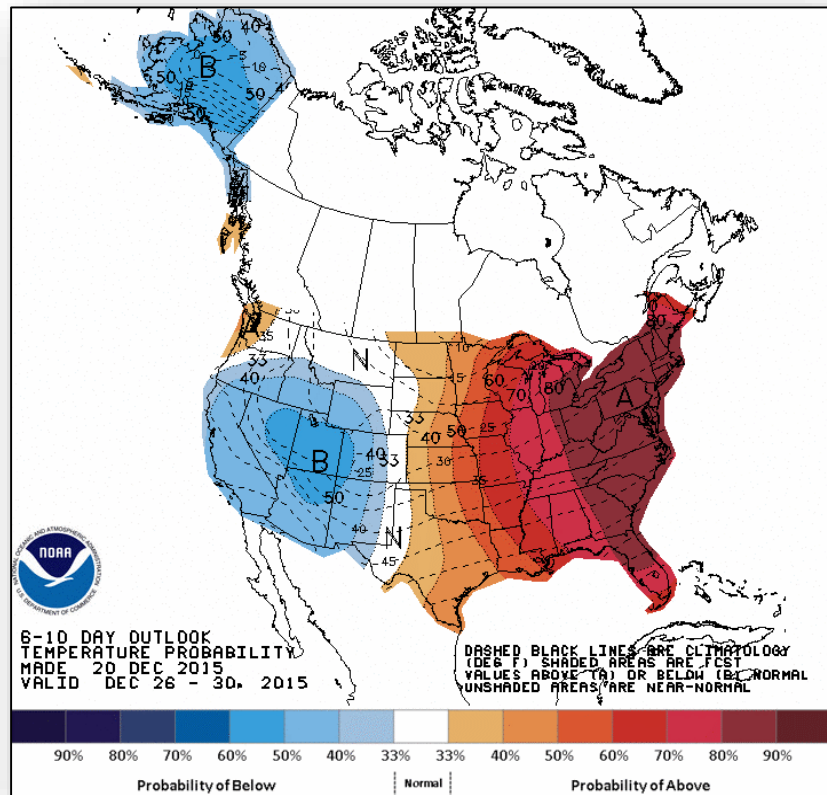
Latest Observed Value: 29.48'

- Major lowland flooding in several subdivisions
- Extensive flooding of Liberty County
- Roads into outlying communities up to one foot under water

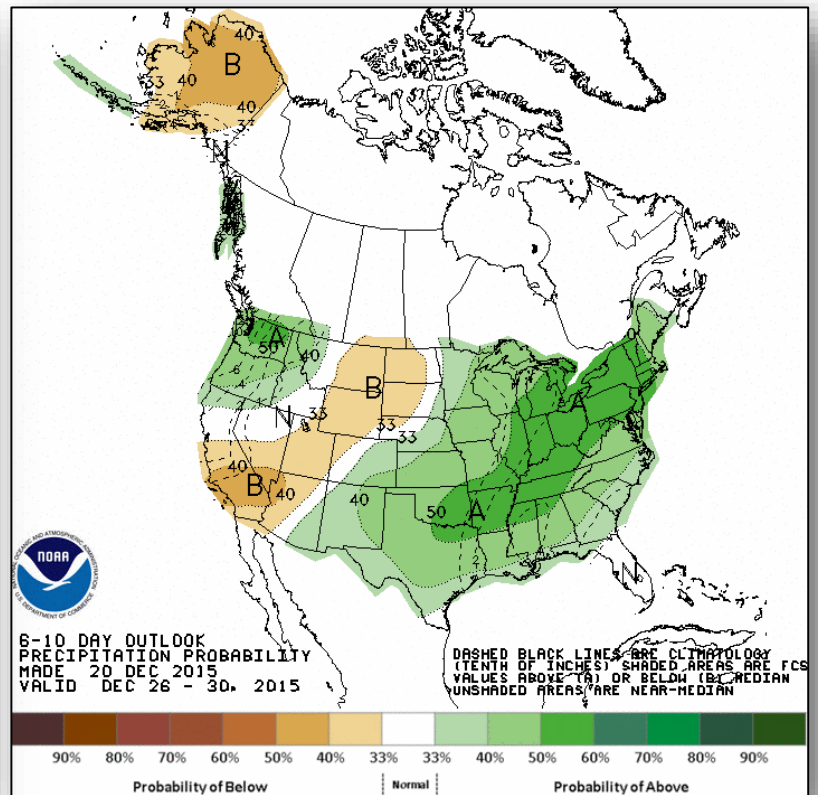
Severe Weather Outlook, Days 1-3



6-10 Day Outlooks



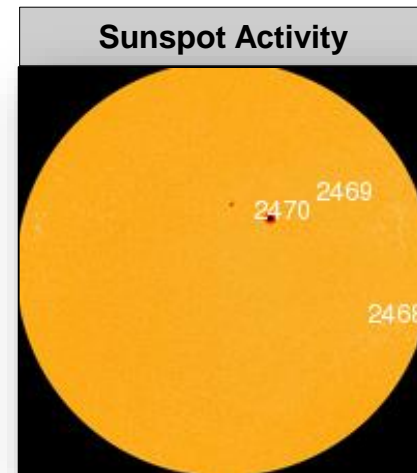
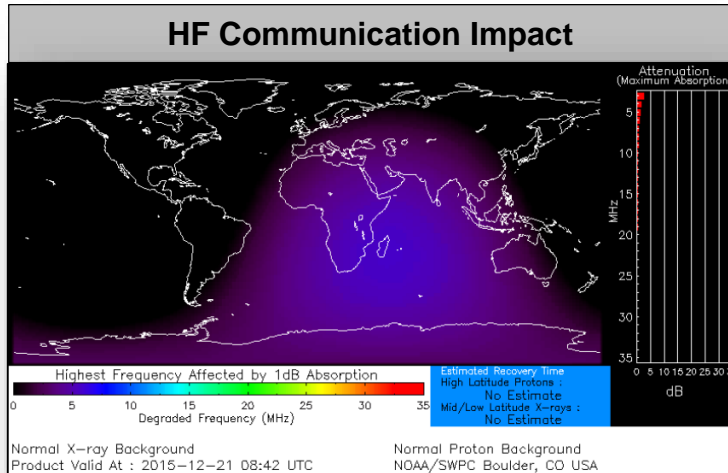
Temperature Probability



Precipitation Probability

Space Weather

	Past 24 Hours	Current	Next 24 Hours
Space Weather Activity	Moderate	None	Moderate
Geomagnetic Storms	G2	None	G2
Solar Radiation Storms	None	None	None
Radio Blackouts	R1	None	None



Coastal Flood Risk for California



*Californians may see significant coastal flooding more often this winter

Contributing factors to California's higher tides (in addition to normal daily tides):

- **Perigean Spring Tides (King Tides):** Occur 6-7 times a year, when a new or full moon coincides closely with the perigee (closest point of approach) of the moon; causes high tides to be higher
- **El Niño:** Warmer, expanded ocean waters and changing weather patterns leads to increases in sea level
- **Storm Surge:** Abnormal rise in water level caused by a storm, over and above the predicted tide; rise in water level can cause extreme flooding in coastal areas, especially when it coincides with high tide

Potential Impacts:

- Nuisance flooding can lead to road closures, overwhelmed storm water systems, damage to transportation infrastructure, and coastal erosion
- Nearly 200,000 Californians live in low-lying coastal areas and 873 coastal roads are at risk from flooding during King Tides, storms, and periods of elevated sea level



<http://oceanservice.noaa.gov/news/dec15/california-flooding.html>



Disaster Requests & Declarations



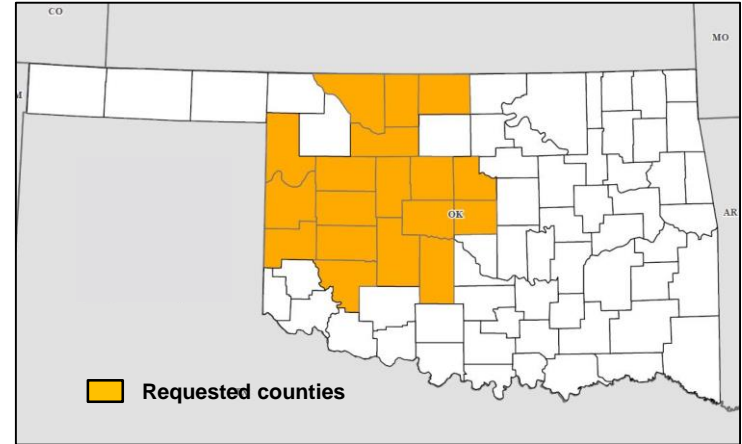
Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
3	Date Requested	0	0
NJ – DR (Appeal) Severe Storms and Flooding	December 9, 2015		
ID – DR Severe Storm and Straight-line Winds	December 16, 2015		
OK – DR Severe Winter Storms, Ice Storm, Freezing Rain & Flooding	December 17, 2015		

Major Disaster Declaration Request– OK

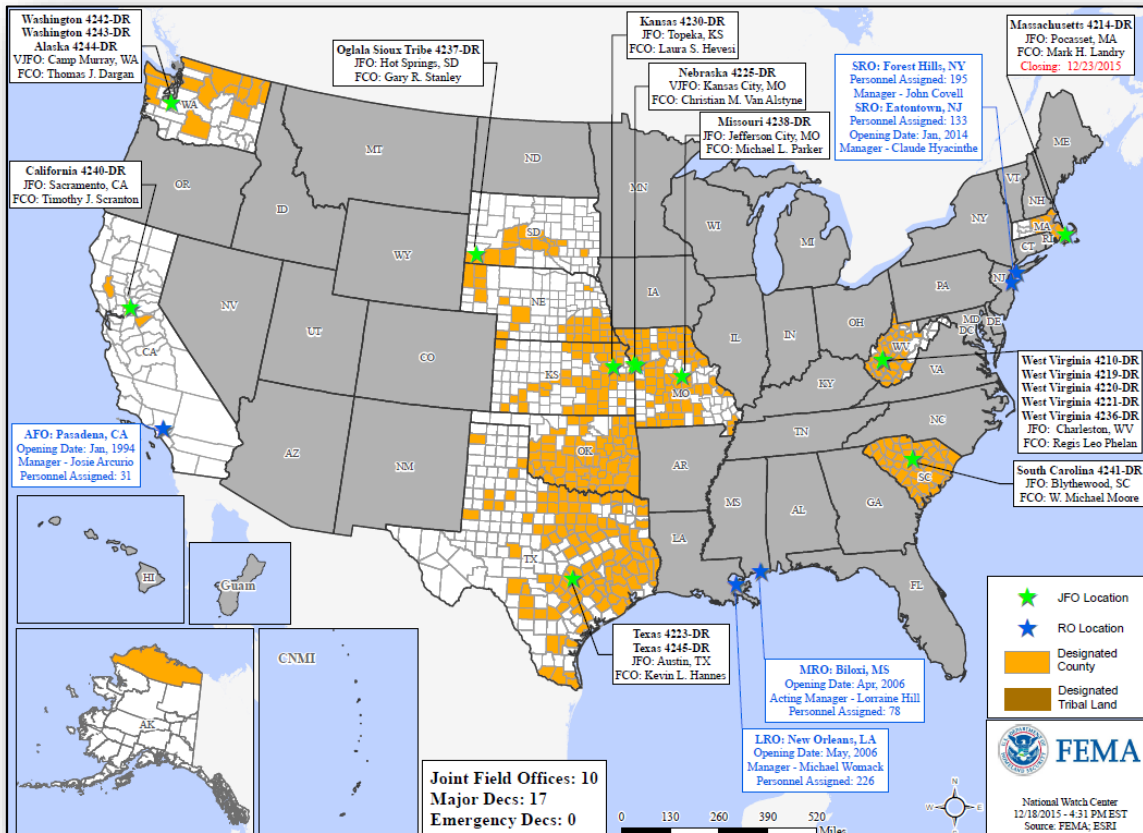


December 17, 2015

- Request for Major Disaster Declaration for State of Oklahoma
- For severe winter storms, ice storm, freezing rain, and flooding that occurred November 25, 2015 and continuing
- Requesting:
 - Public Assistance for 18 counties
 - Hazard Mitigation statewide



Open Field Offices as of December 21



Joint Preliminary Damage Assessments



Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Complete	
VI	TX	Heavy Rain & Flooding October 30-31, 2015	PA	19	19 (+3)	11/19 – 12/18
X	WA	Severe Wind Storm November 12-21, 2015	PA	31	31 (+14)	12/14 – 12/18
			IA	2	2 (+1)	12/14 – 12/18

FEMA Readiness – Deployable Teams /Assets



Deployable Teams/Assets									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criterion
FCO		38	18	47%	0	3	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	3	38%	0	0	5		
US&R		28	27	96%	0	1	0	NM-TF1 (Red) - Personnel shortages	
National IMAT		3	3	100	0	0	0		<ul style="list-style-type: none"> • Green: 3 avail • Yellow: 1-2 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	7	54%	1	1	4	Deployed: RVI (Team 2) Deployed to TX RVII Deployed to MO RIX (Team 2) Deployed to CA RX Deployed to WA PMC: RIX (Team 1) Reconstituting from CNMI NMC: RV (Team 1) Red – Personnel 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 & has no qualified replacement</i>
MCOV		59	37	63%	0	13	9	4 MCOVs deployed to SC (FEMA-4241-DR) 5 MCOVs deployed to TX (FEMA-4245-DR)	<ul style="list-style-type: none"> • Green = 80 – 100% avail • Yellow = 60 – 79% avail • Red = 59% or below avail • Readiness remains 95%

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	Watch/Steady State		<ul style="list-style-type: none"> • Green = FMC • Yellow = PMC • Red = NMC
NRCC		2	344	89%	0	44	Not Activated		
HLT		1	N/A	N/A	0	0	Not Activated		
DEST							Not Activated		
RRCCs		10	10	100%	0	0	Not Activated		
RWCs/MOCs		10	10	100%	0	0	Not Activated		

Regional Comparison – December 21



Criteria	Definition	Weighting			FEMA Region									
					I	II	III	IV	V	VI	VII	VIII	IX	X
All-Hazard Threats	Likelihood of imminent disaster that will exhaust the staffing resources of the region.	Steady State (15)	Localized (9)	Multiple (3)	15	15	15	15	15	9	15	15	9	9
Personnel Capabilities (IMAT, ERT, DA Work Force, etc.)	Availability of the extra staff resources.	Multiple Teams (10)	Extra Team (6)	<1 Full Team (2)	6	10	10	10	2	6	2	6	2	2
Number of JFOs Open in Region	Number of open or potential JFOs within the region that require staffing over the next 2 weeks relative to the number of states in the region.	≤ 25% (5)	≤ 50% ≥ (3)	≥ 75% (1)	5	5	5	5	5	5	1	5	5	5
Number of Disasters/ Emergencies in the Region	Number of active or potential disasters/emergencies being worked within the region that require staffing over the next 2 weeks relative to the number of states in the region.	≤ 25% (10)	≤ 50% ≥ (6)	≥ 75% (2)	10	10	2	10	10	6	2	10	10	2
		Totals			36	40	32	40	32	26	20	36	26	18

Backup Regions: II & IV



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.