

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

Sunday, January 22, 2017

8:30 a.m. EST

Significant Activity – Jan 21-22



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Significant Events: Severe weather - Lower Mississippi Valley and Southeast

Significant Weather:

- Flash flooding possible – central to southern CA and Southeast to Southern Appalachians
- Severe thunderstorms possible – Southeast to Tennessee Valley and Mid-Atlantic
- Rain and thunderstorms – Pacific Northwest to CA; Southern/Central Plains to Lower Mississippi & Ohio Valleys, Southeast, and Mid-Atlantic
- Heavy snow possible – Northern Intermountain; northern CA to Northern Rockies, Central Great Basin and Southwest
- Snow – Northern Intermountain to Northern Plains, CA, Central Great Basin, Southwest and Southern Rockies
- Rain and snow – Pacific Northwest to Northern Intermountain, Central Great Basin, Southwest, Northeast
- Rain – southern CA to Southwest, Great Lakes to Northeast
- Space Weather – Past 24 hours – none; next 24 hours – none

Tropical Activity Western Pacific: No activity affecting U.S. interests

Earthquake Activity: No significant activity

Declaration Activity: None

Severe Weather – Lower MS/Southeast



Current Situation:

- SPC Storm Reports for Jan 21-22 show 29 tornadoes, 168 wind, and 49 hail reports from the Lower Mississippi Valley to the Southeast
- Severe thunderstorms and flash flooding remain possible across much of the Southeast – high risk across GA, southeast AL, and northern FL

Impacts:

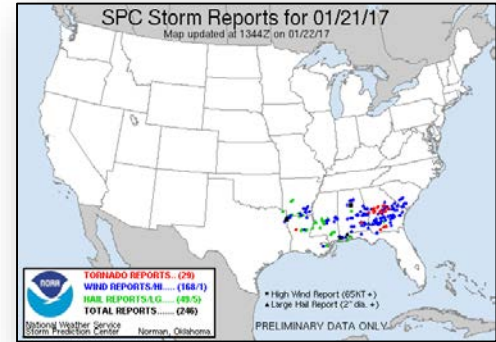
- Confirmed fatalities: 4 in MS; 3 in GA; unconfirmed fatalities: 10 in GA; injuries: 56 in MS, 200 in GA
- Residential/commercial structures damaged in MS:
 - 428 homes in Hattiesburg & Petal, a dorm at William Carey University, and fire department in Hattiesburg
- Downed trees and powerlines
- Power outages: 21k across Region IV, mostly in GA – 11k; 8k across Region VI
- Shelters: 3 shelters open with 97 occupants in MS (ARC Midnight Shelter Count as of 4:31 am EST)

State/Local Response:

- GA EOC at Full Activation
- MS EOC is Partially Activated; Governor declared a state of emergency
- US&R MS-TF1 & MS-TF2 deployed to MS as state asset
- AL and LA EOCs on alert

Federal Response:

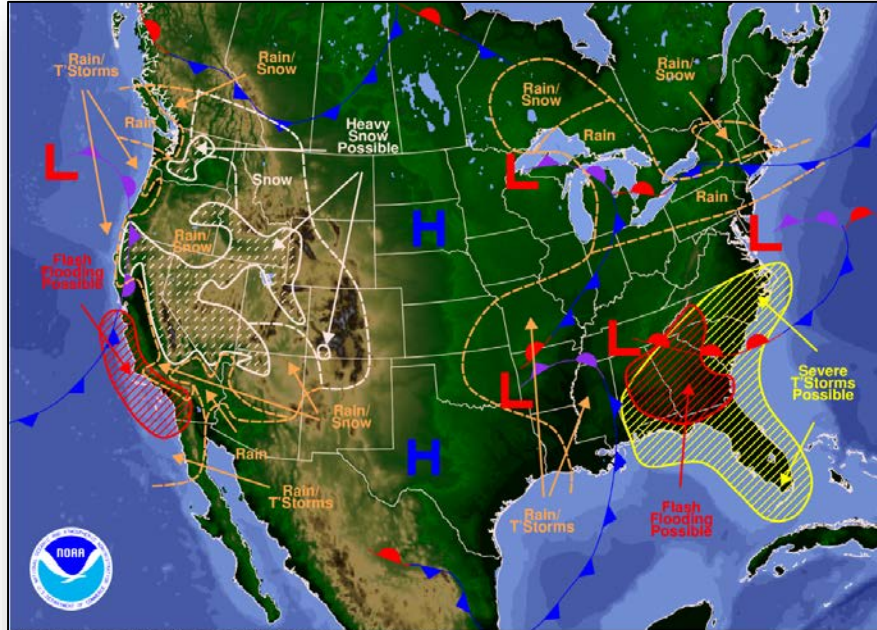
- FEMA Regions IV at Enhanced Watch (24/7)
 - IMAT on standby
 - LNOs deployed to GA, AL, and MS EOCs
- FEMA Regions VI returned to Watch/Steady State
 - LNO on standby for AR
- No request for FEMA assistance



National Weather Forecast

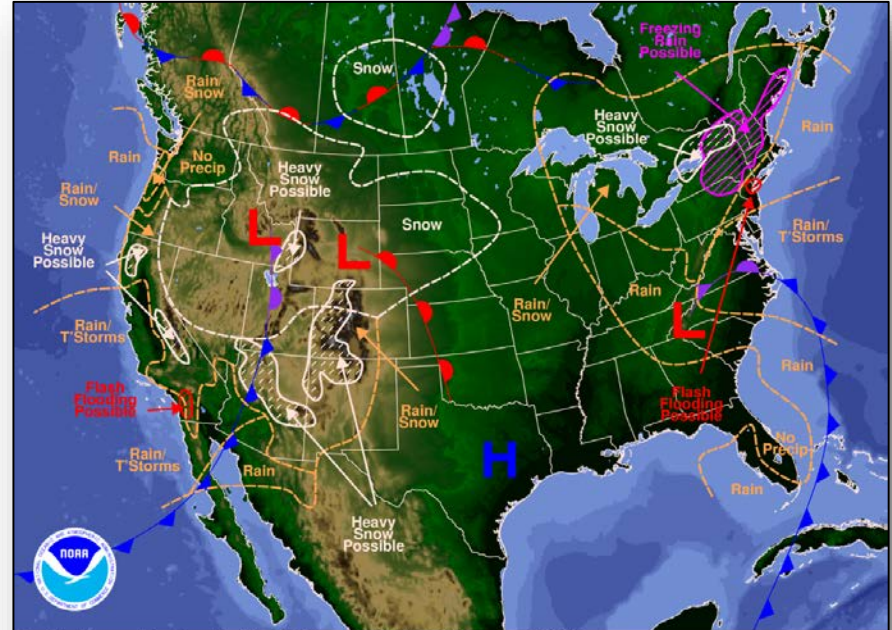


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Weather Forecast for Sun, Jan 22, 2017, issued 4:57 AM EST
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

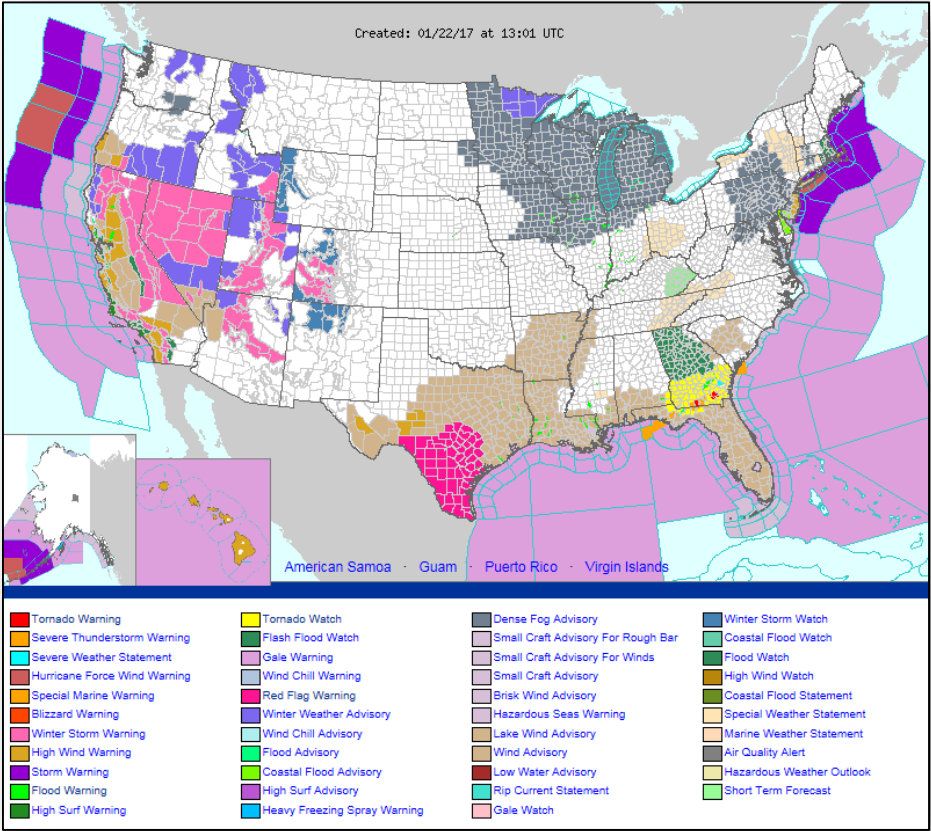
Today



Weather Forecast for Mon, Jan 23, 2017, issued 5:12 AM EST Sun, Jan 22, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Tomorrow

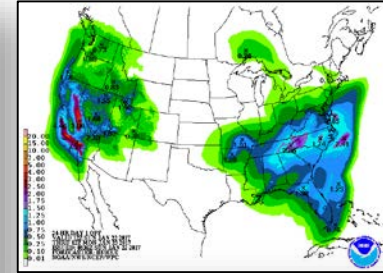
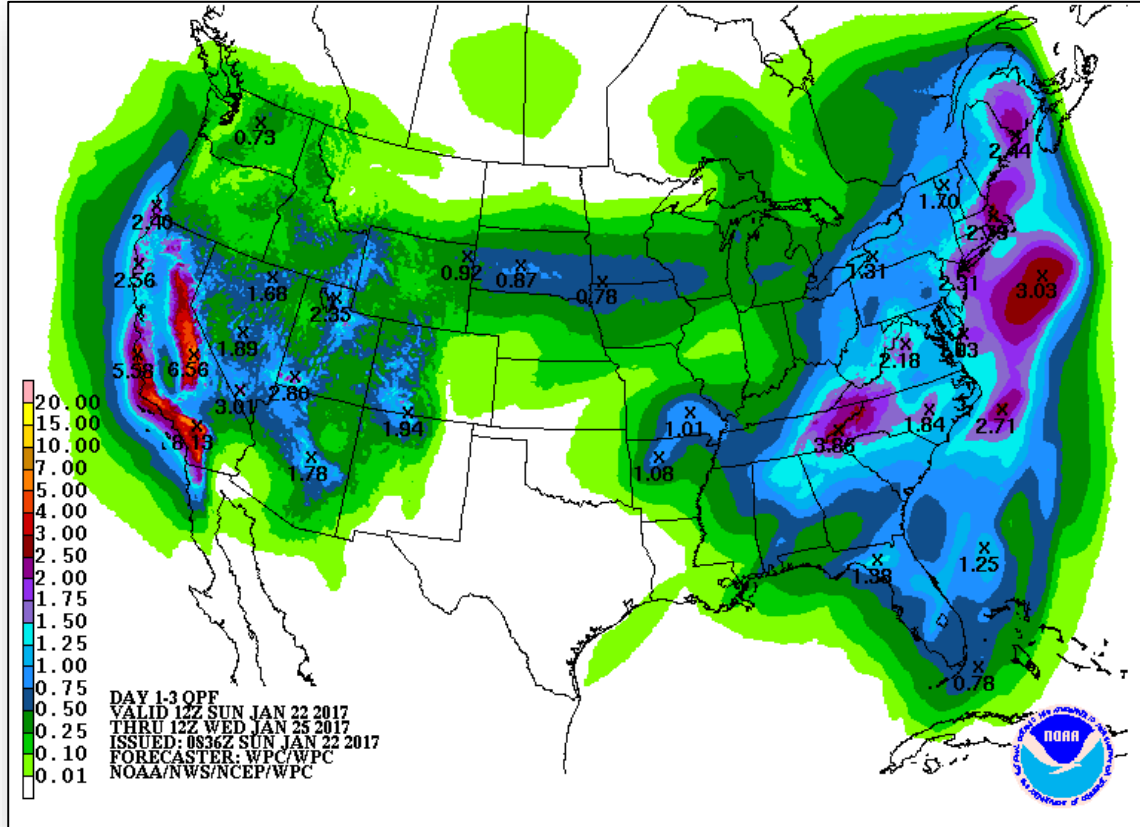
Active Watches and Warnings



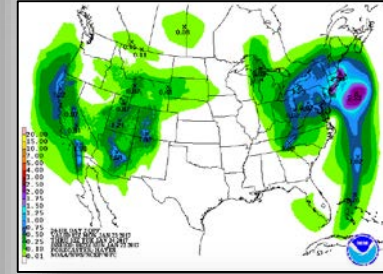
Precipitation Forecast – Days 1-3



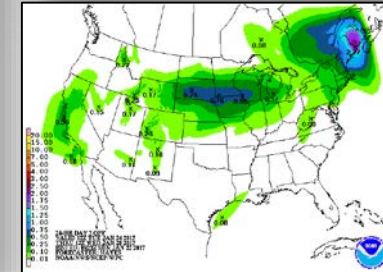
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Day 1

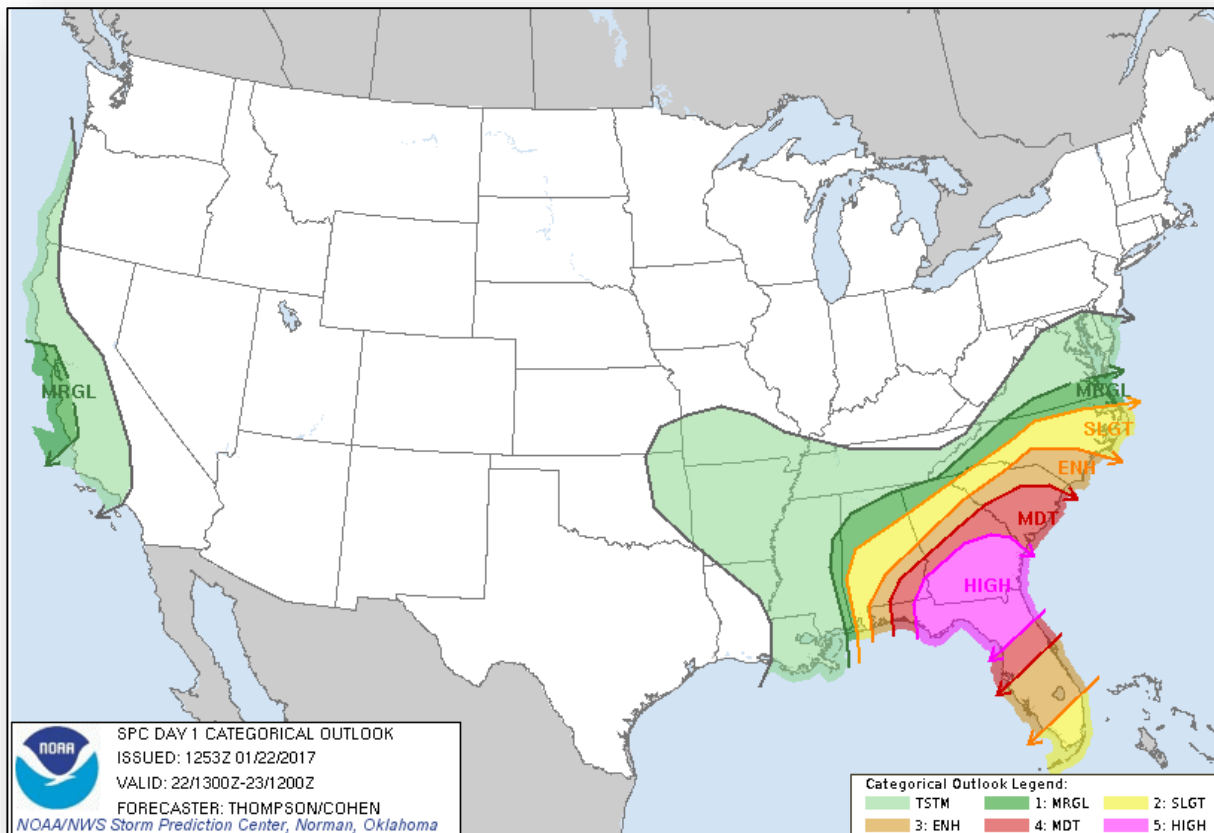


Day 2



Day 3

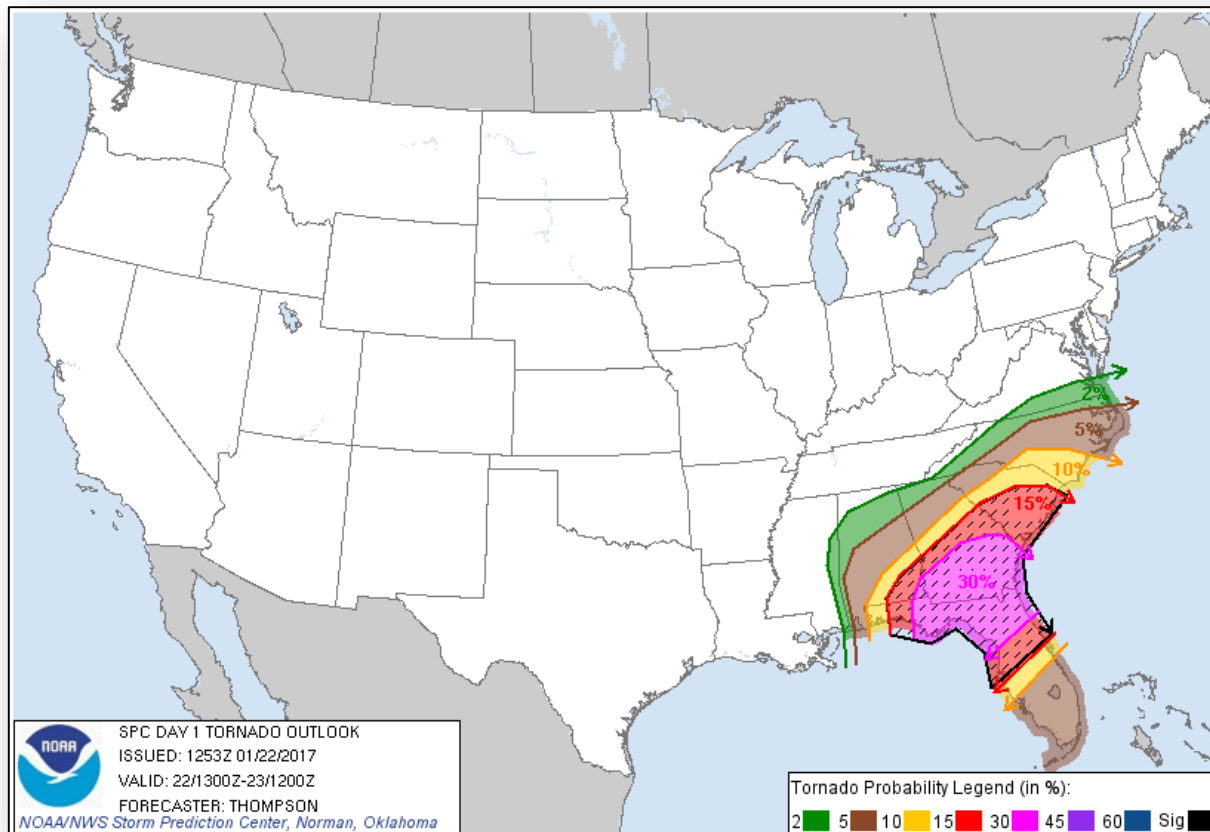
Severe Weather Outlook: Day 1



Categories

- Thunderstorms
- Marginal Risk
- Slight Risk
- Enhanced Risk
- Moderate Risk
- High Risk

Tornado Outlook: Day 1



Tornado Probabilities

Probability for EF2+ tornado within
25 miles of a point

2%

5%

10%

15%

30%

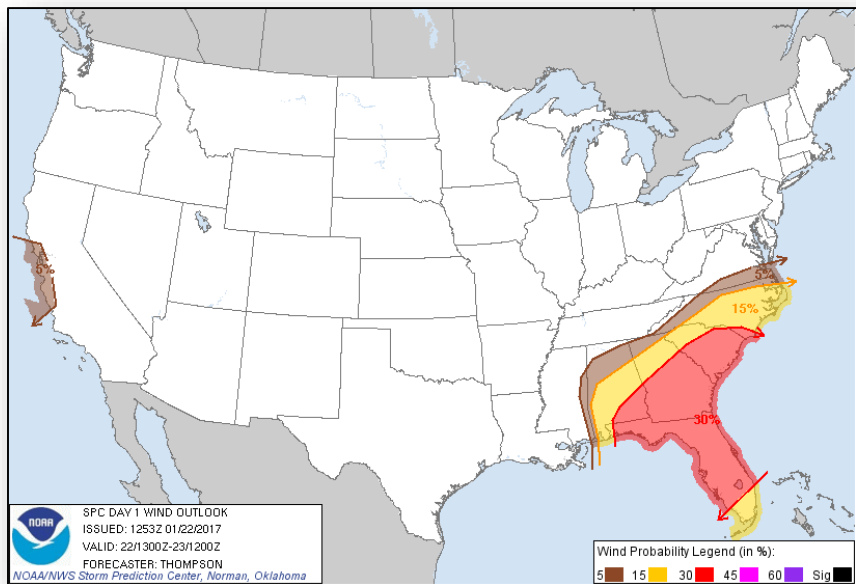
45%

60%+



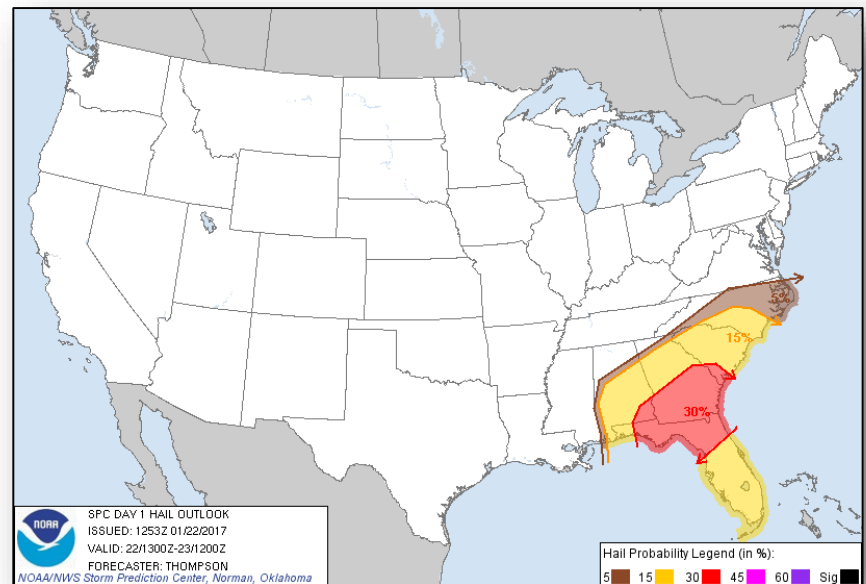
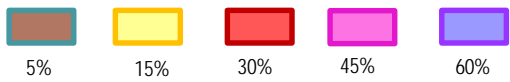
10%+ Probability for
Significant Tornadoes (EF2+)

Severe Wind & Hail Outlook: Day 1



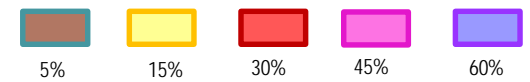
Damaging Wind Probabilities

Probability for 58+ mph winds within 25 miles of a point



Damaging Hail Probabilities

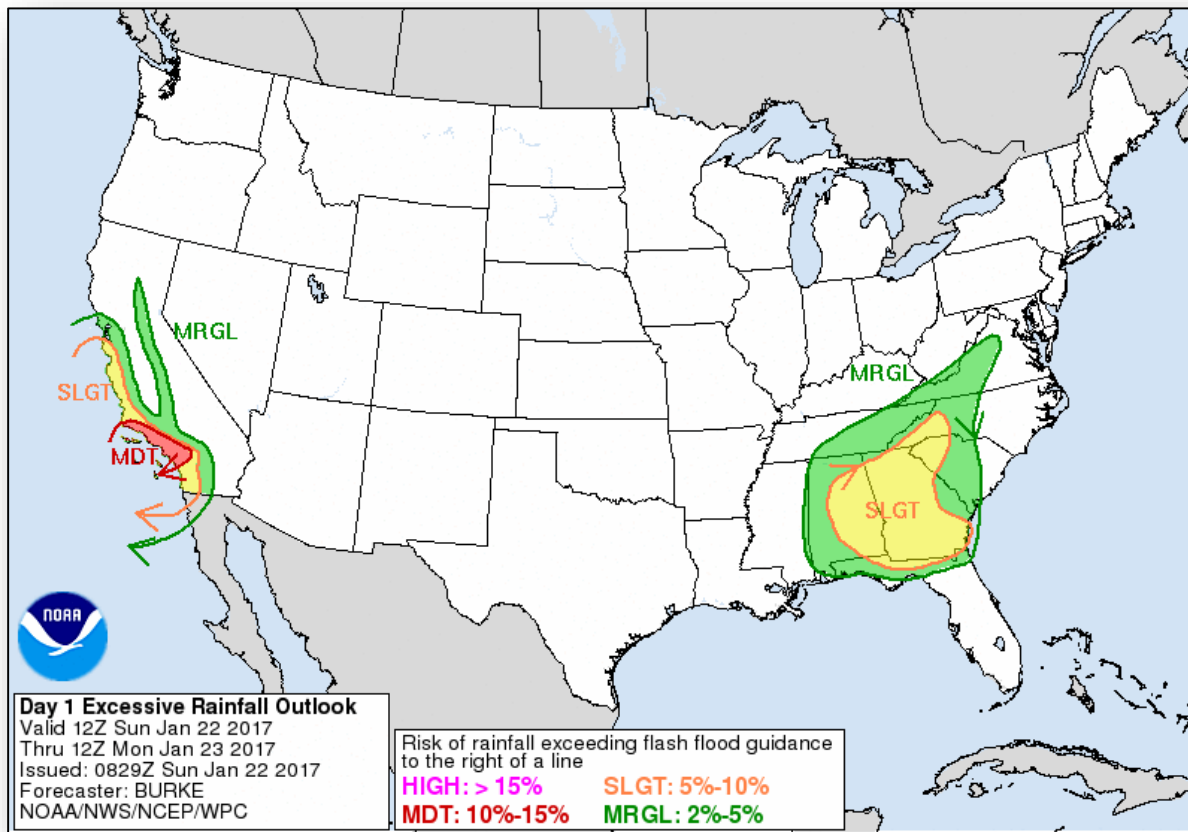
Probability of one inch diameter hail or larger within 25 miles of a point



Flash Flood Potential



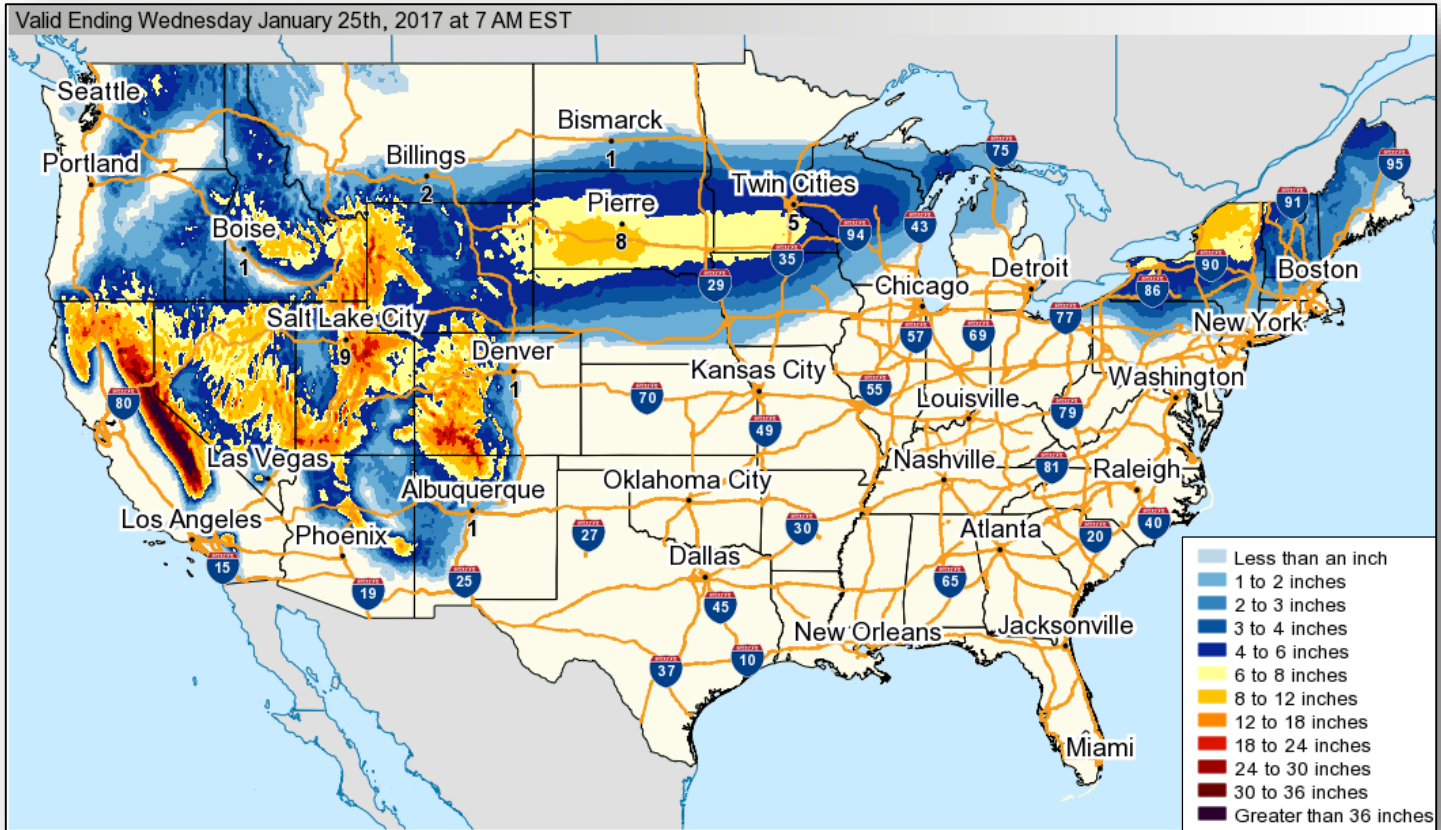
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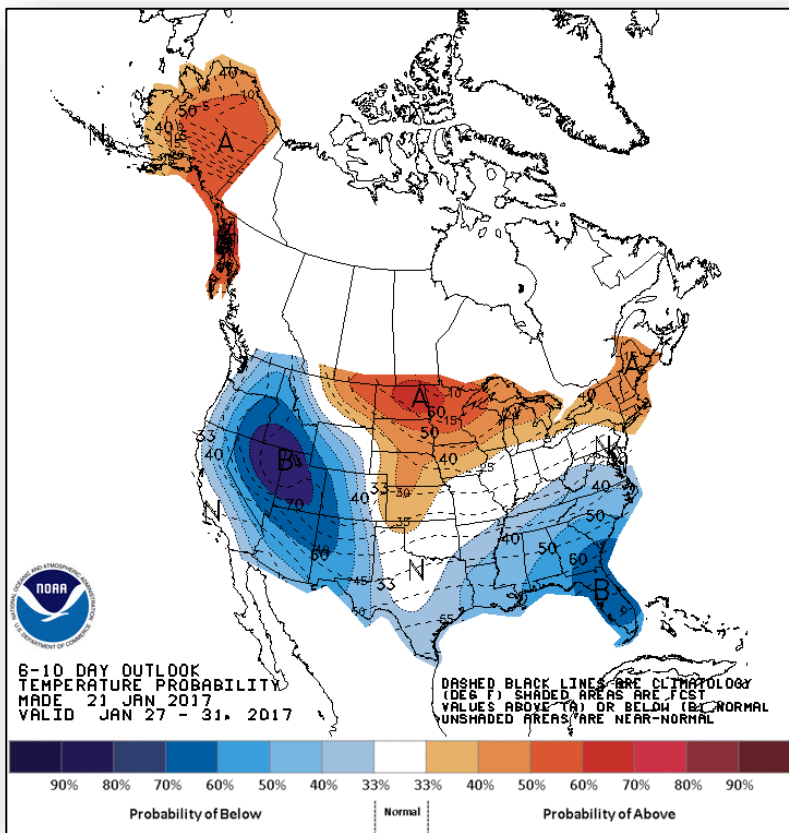
Forecast Snowfall – Days 1-3



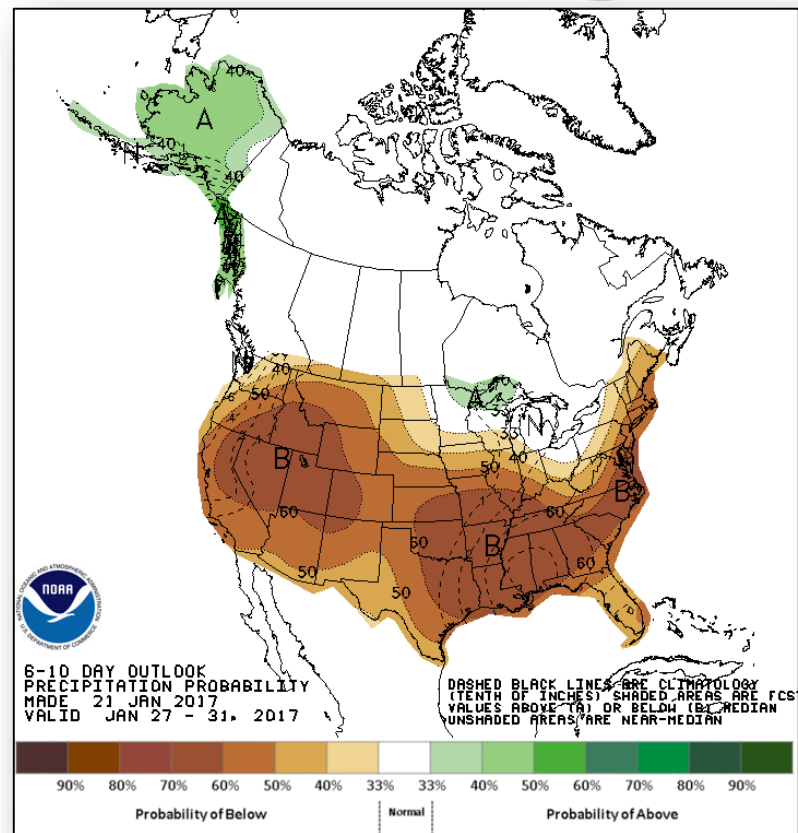
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6-10 Day Outlooks

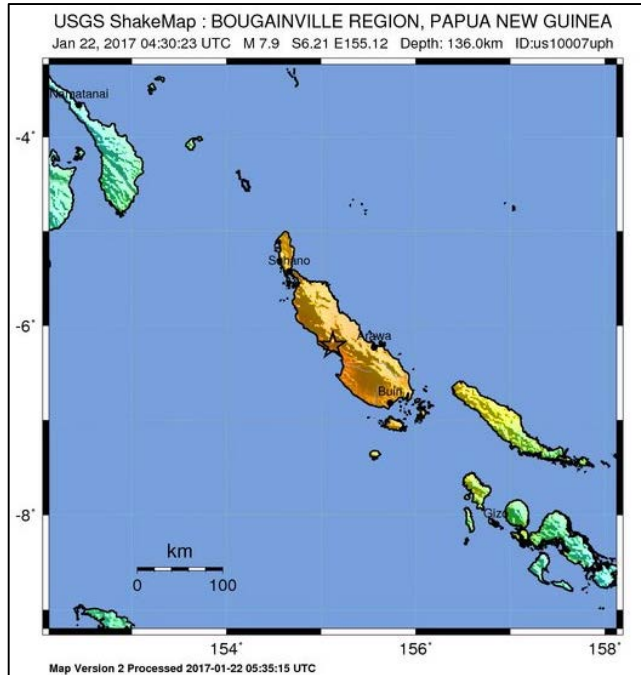


6-10 Day Temperature Probability



6-10 Day Precipitation Probability

Earthquake Activity – International



M 7.9 Solomon Islands (initially reported at 8.0)

- Occurred at 11:30 pm (EST) Jan 21 25 west of Papua, New Guinea at a depth of 104 miles
- Yellow PAGER Alert for shaking-related fatalities and economic losses; some casualties and damage are possible
- Level VIII on the Modified Mercalli Scale; 72k possibly exposed to severe shaking
- No tsunami threat for U.S. interests; all tsunami alerts cancelled
- No reports of damages or injuries

PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	none	none	none	Very light	Light	Moderate	Mod./Heavy	Heavy	Very Heavy
PEAK ACC.(%g)	<0.05	0.3	2.8	6.2	12	22	40	75	>139
PEAK VEL.(cm/s)	<0.02	0.1	1.4	4.7	9.6	20	41	86	>178
INSTRUMENTAL INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+

Joint Preliminary Damage Assessments



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Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Completed	
VI	OK	Winter Storm January 11-15, 2017	PA	10	0	1/24-TBD
VIII	SD	Snowstorms November 23-December 26, 2016	PA	24 counties 3 tribes	24 counties 3 tribes	1/17-1/20
	SD*	Snowstorms November 23-December 26, 2016	PA	1	0	1/17-TBD
IX	NV	Winter Storms	PA	5 Counties 3 Tribes	0	1/23-TBD

*Note: Sisseton-Wahpeton Oyate Tribe

Disaster Requests & Declarations



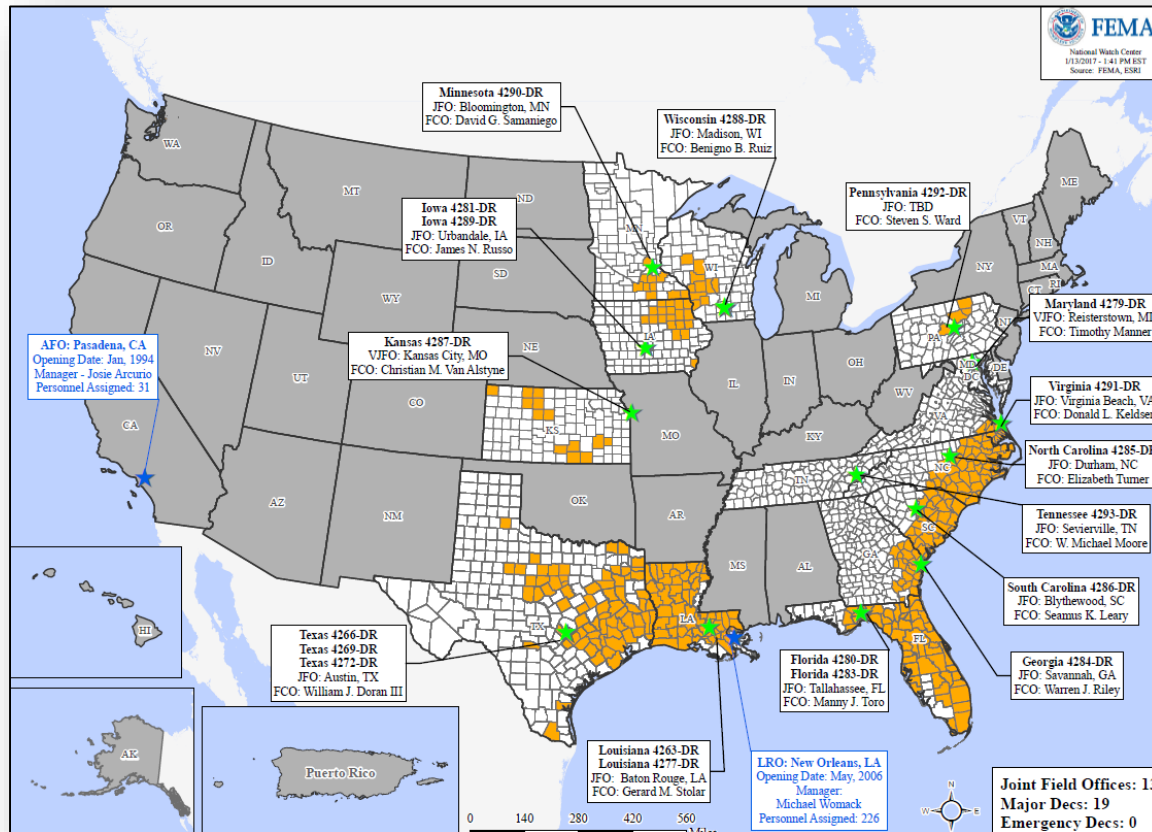
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Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
3	Date Requested	0	0
GA – DR Severe storms, tornadoes, and straight-line winds	January 9, 2017		
OR– DR Severe winter storm, flooding, landslides, and mudslides	January 13, 2017		
AK Kivalina Village – DR Storm surge, flooding, or weather conditions that prohibit evacuation by sea and air	January 15, 2017		

Open Field Offices



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Readiness – Deployable Teams and Assets



FEMA

Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criteria																				
National IMAT		3	2	67%	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	9	69%	0	2	2	Region IV-1 to NC (DR-4285) Reconstituting Region VII to IA (DR-4281) Reconstituting <u>Deployed:</u> Region V to MN (DR-4290) Region VI-1 to TN (DR-4293)	Green > 6 Teams Available Yellow: 4 - 6 Teams Available Red: 0 - 4 Teams Available <i>R-IMAT also red if TL or Ops / Log Chief is unavailable & has no qualified replacement</i>																				
FCO		37	7	19%	0	5	25		OCD Readiness <table><tr><td>FCO</td><td>Green</td><td>Yellow</td><td>Red</td></tr><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><tr><td>FDRC</td><td>3</td><td>2</td><td>1</td></tr></table>	FCO	Green	Yellow	Red	Type 1	3+	2	1	Type 2	4+	3	2	Type 3	4+	3	2	FDRC	3	2	1
FCO	Green	Yellow	Red																										
Type 1	3+	2	1																										
Type 2	4+	3	2																										
Type 3	4+	3	2																										
FDRC	3	2	1																										
FDRC		11	4	36%	0	2	5																						
US&R		28	28	100%	0	0	0		Green: >66% Available Yellow: 33% - 66% Available Red: <33% Available																				
MERS		36*	30	83%	0	6	0		Green: >66% Available Yellow: 33% - 66% Available Red: <33% Available																				

Readiness – National and Regional Teams



FEMA

Resource	Status	Total	FMC Available		Partially Available	Not Available	Status	Comments	Rating Criteria
NWC		5	5	100%	0	0	Not Activated		<ul style="list-style-type: none"> • Green = FMC • Yellow = PMC • Red = NMC
NRCC		2	2	100%	0	0	Not Activated		
HLT		1	1	100%	0	0	Not Activated		
RRCCs		10	9	90%	0	0	Not Activated		
RWCs/MOCs		10	10	100%	0	0	Not Activated	Region IV at Enhanced Watch Region VI returned to Watch/Steady State	



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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.