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

Friday, October 23, 2015

8:30 a.m. EDT

Significant Activity: Oct 22-23

Significant Events: Heavy precipitation & flood threat – Southern Plains

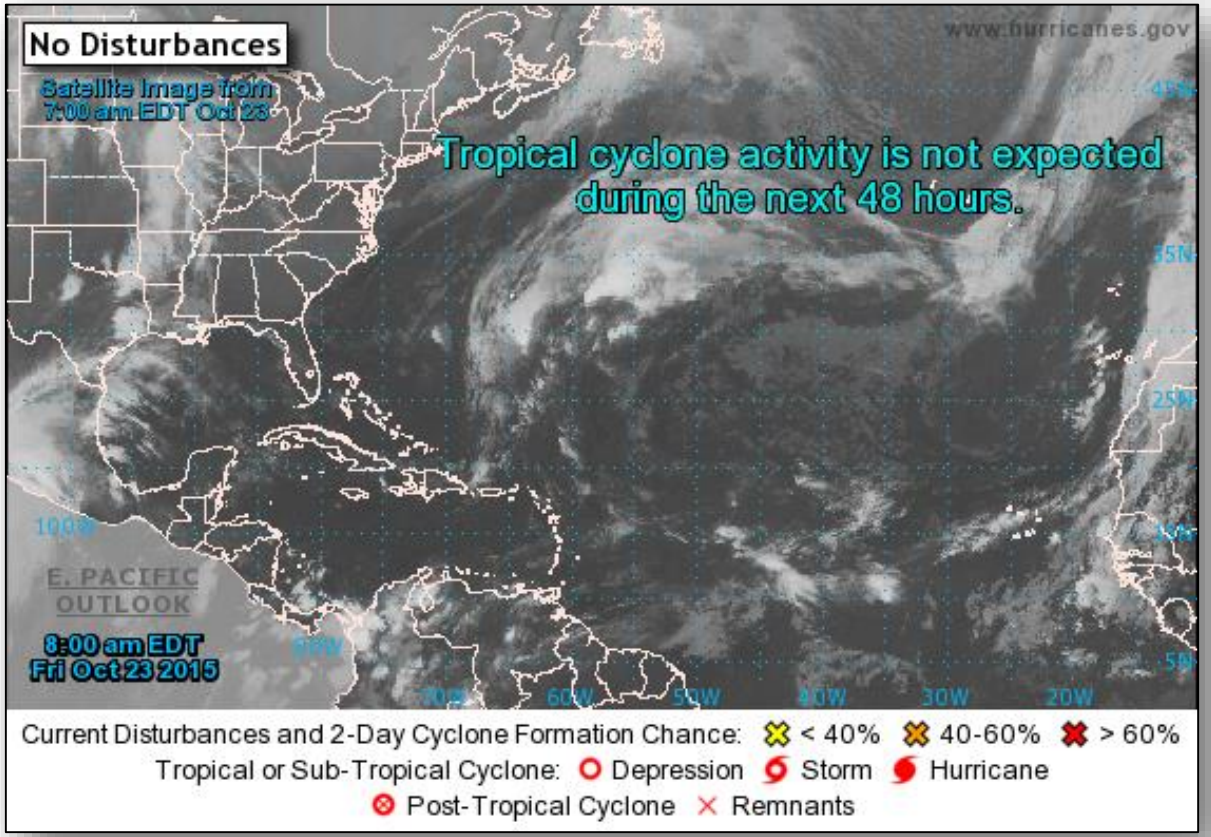
Tropical Activity:
- Atlantic: None expected during the next 48 hours
- Eastern Pacific: Hurricane Patricia (CAT 5)
- Central Pacific: Hurricane Olaf (CAT 3)
- Western Pacific: No activity affecting U.S. territories

Significant Weather:
- Rain and thunderstorms – Southwest & Central/Southern Plains to Great Lakes & Tennessee Valley
- Flash flooding possible – Southern Plains
- Red Flags Warnings – None
- Elevated Fire Weather Areas – None
- Space weather: past 24 hrs – none; next 24 hrs – none

Declaration Activity:
- Amendment No. 8 for FEMA-4241-DR-SC

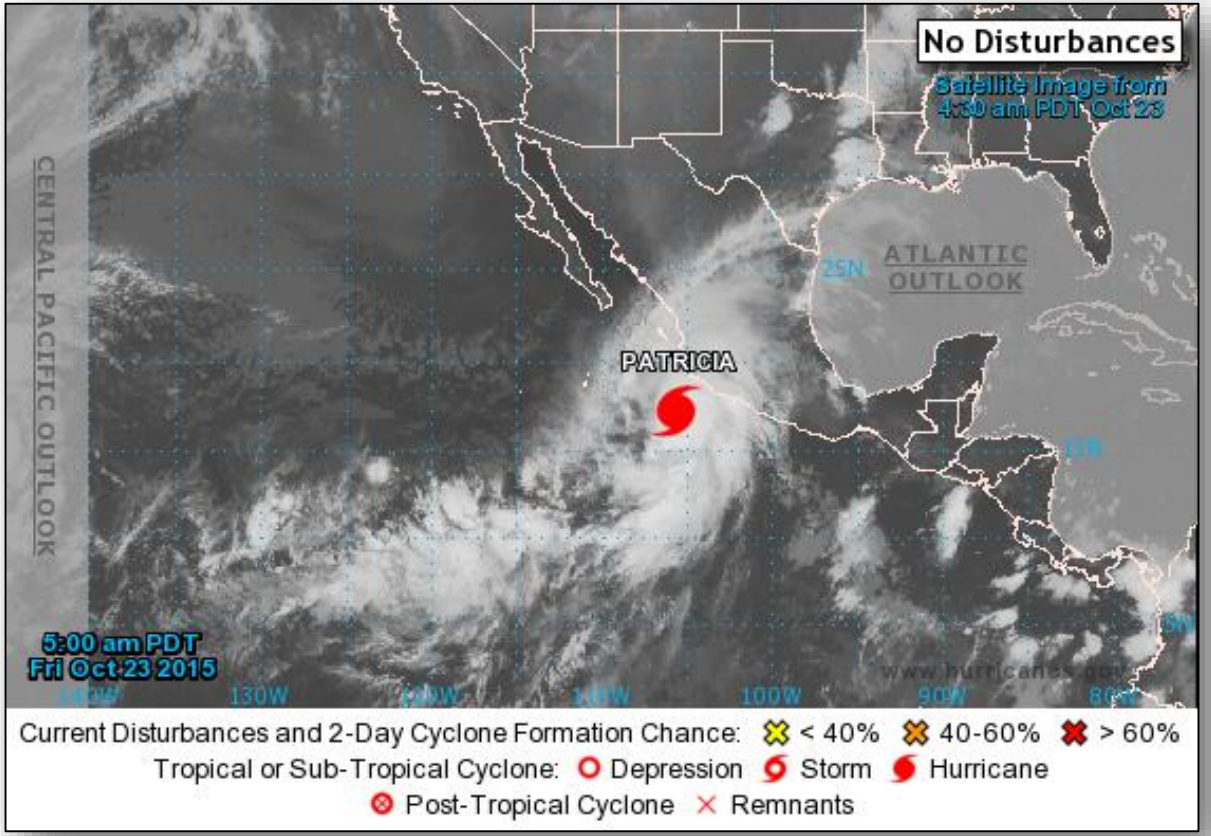
2 Day Tropical Outlook – Atlantic

FEMA

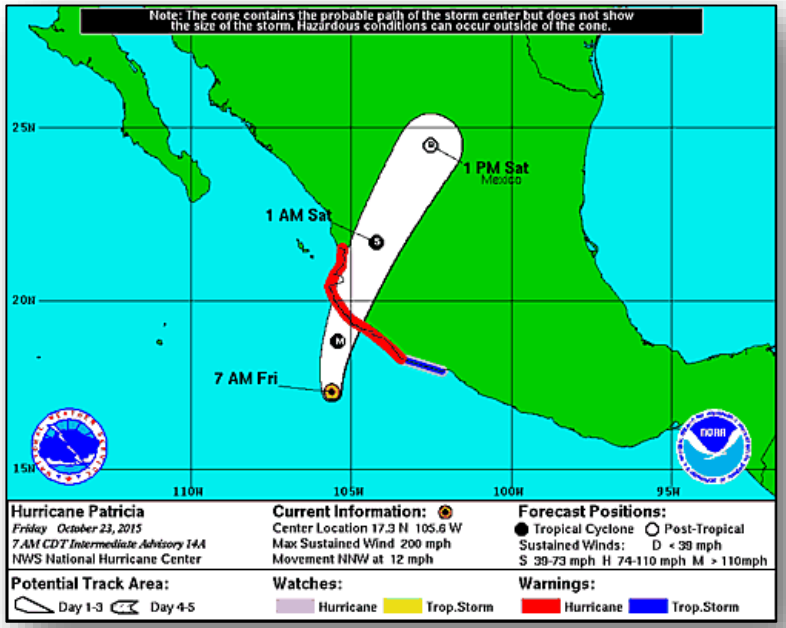


2 Day Tropical Outlook – Eastern Pacific

FEMA



Eastern Pacific – Hurricane Patricia



Advisory #14A as of 8:00 a.m. EDT

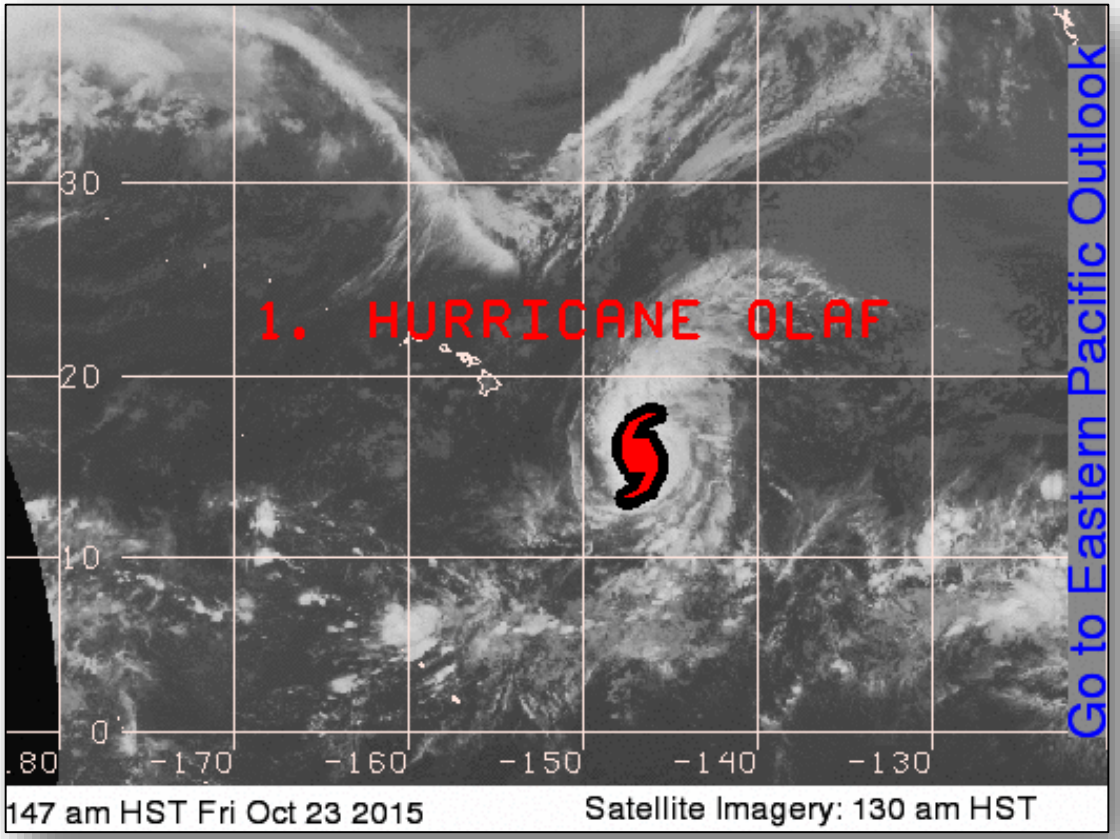
- Strongest eastern North Pacific Hurricane on record
- Located 145 miles SW of Manzanillo, Mexico
- Moving NNW at 12 mph; turn toward N expected this morning & toward the NNE this afternoon
- Maximum sustained winds 200 mph (CAT 5)
- Expected remain extremely dangerous hurricane through landfall
- Hurricane-force winds extend outward up to 30 miles from center
- Tropical storm-force winds extend outward 175 miles from center
- The core will make potentially catastrophic landfall in the warning area this afternoon or evening

Potential Impacts:

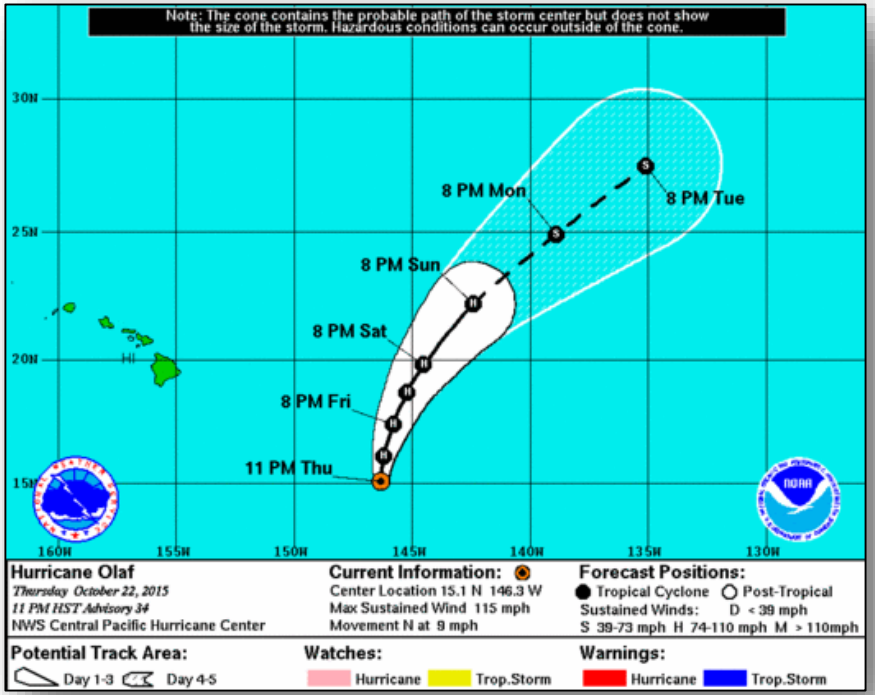
- Winds: Hurricane conditions to hit warning area this afternoon; tropical storm conditions to hit warning area this morning
- Rainfall: 8-12 inches, isolated amounts of 20 inches through Saturday; could produce life-threatening flash floods and mudslides
- Storm surge: Extremely dangerous surge expected; coastal flooding; large destructive waves; life threatening surf and rip currents

2 Day Tropical Outlook – Central Pacific

FEMA



Central Pacific – Hurricane Olaf



Advisory #34 as of 5:00 a.m. EDT

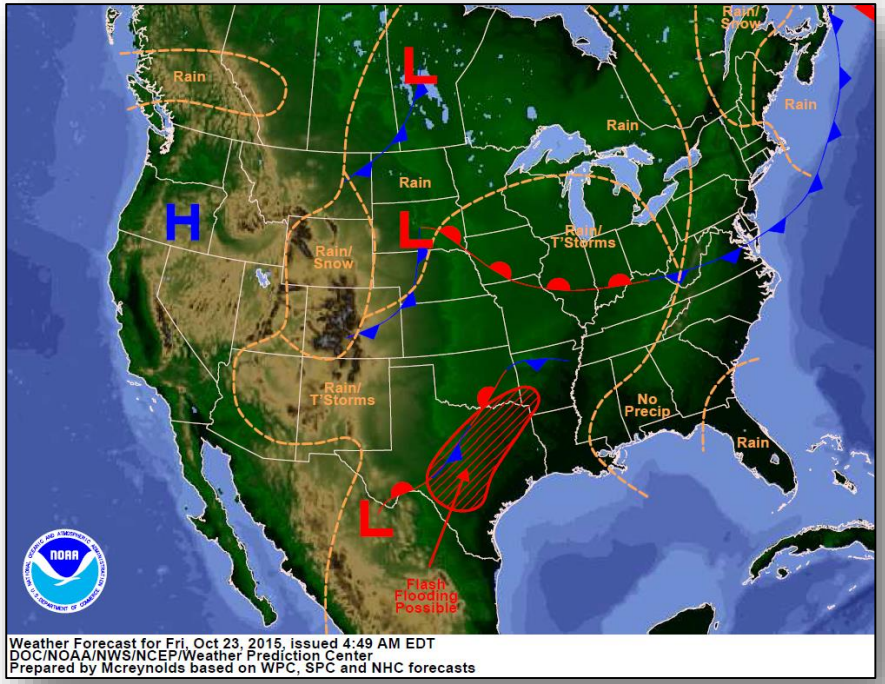
- Located 660 miles SE of Hilo, Hawaii
- Moving N at 9 mph; motion expected into Friday then turn to NNE into Saturday
- Maximum sustained winds 115 mph (CAT 3); gradual weakening through Saturday
- Hurricane-force winds extend outward up to 30 miles; tropical storm force winds extend up to 160 miles
- No coastal watches or warning in effect

Impacts:

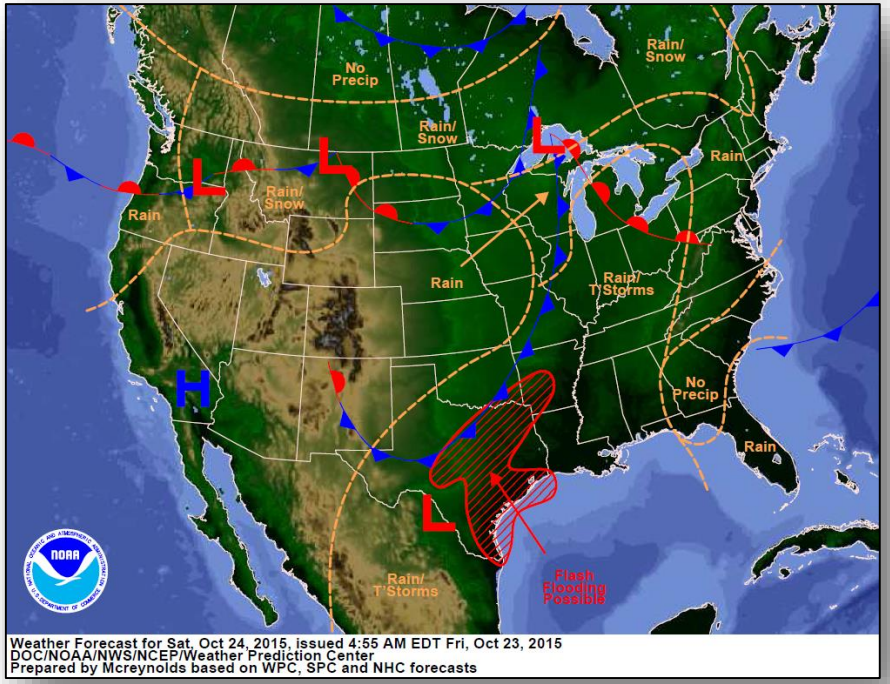
- Swells will produce life-threatening and potentially damaging surf along east facing shore of the Hawaiian Islands through the weekend

National Weather Forecast

FEMA



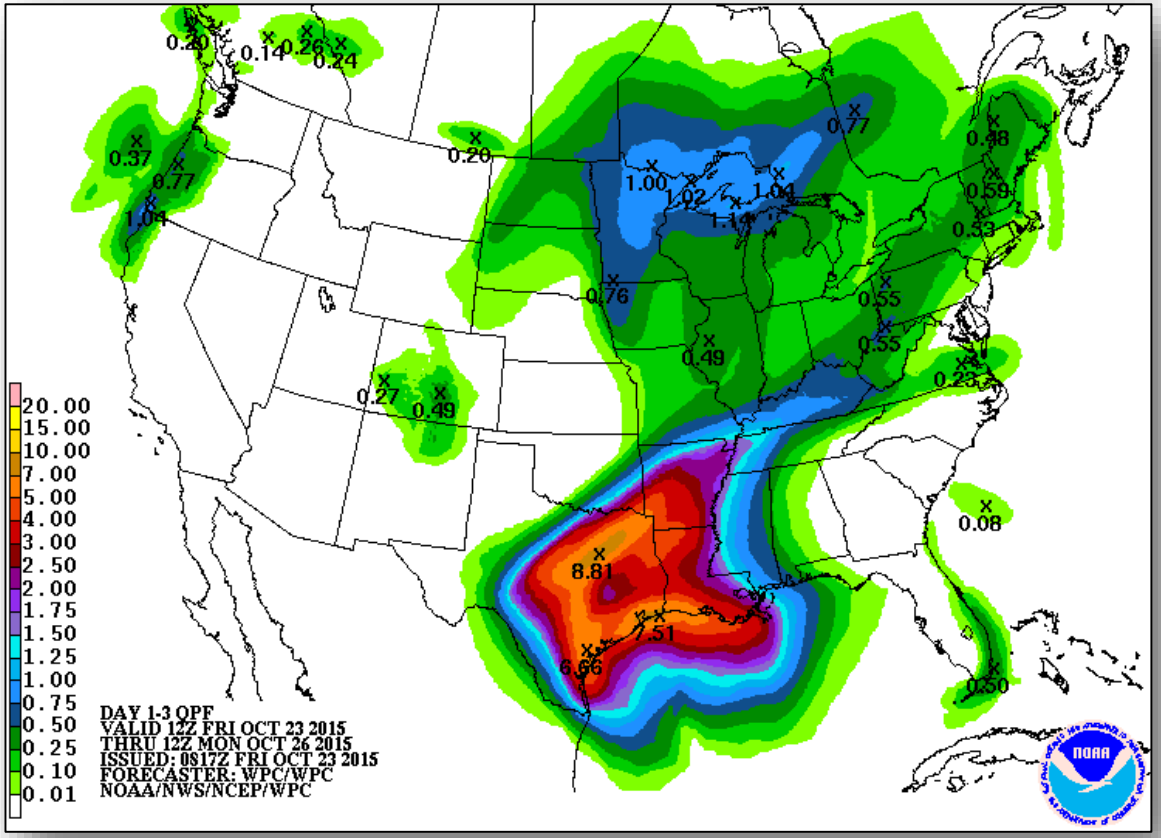
Today

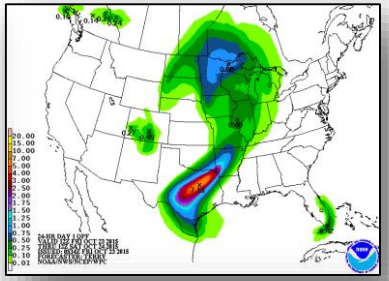


Tomorrow

Precipitation Forecast, 1-3 Day

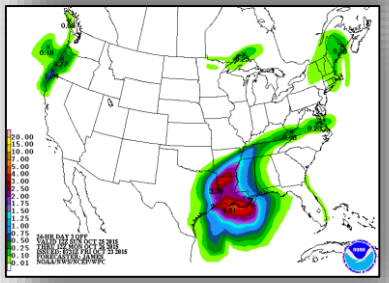
FEMA





Day 1

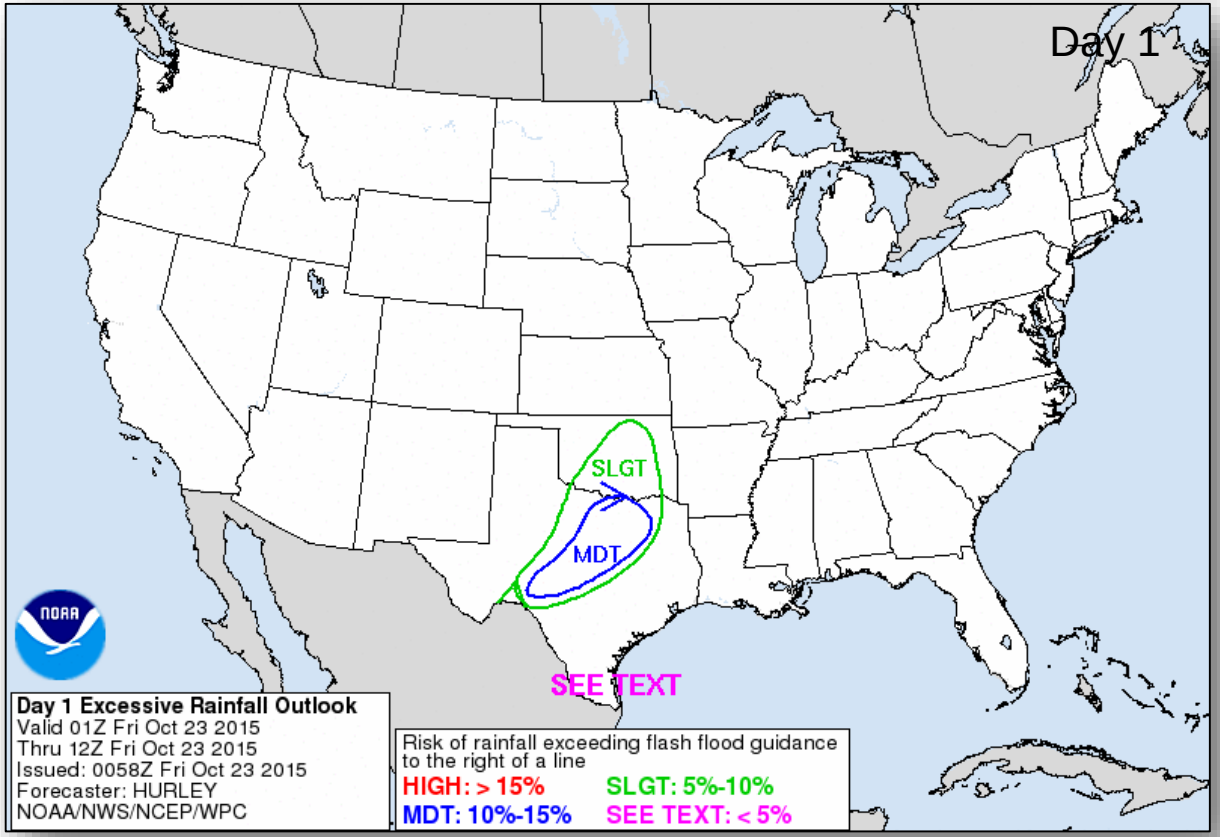
Day 2

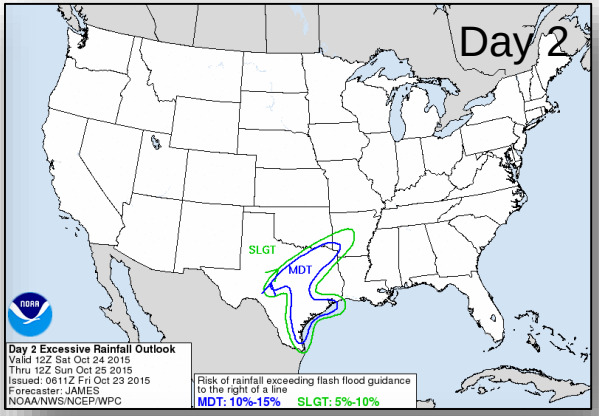


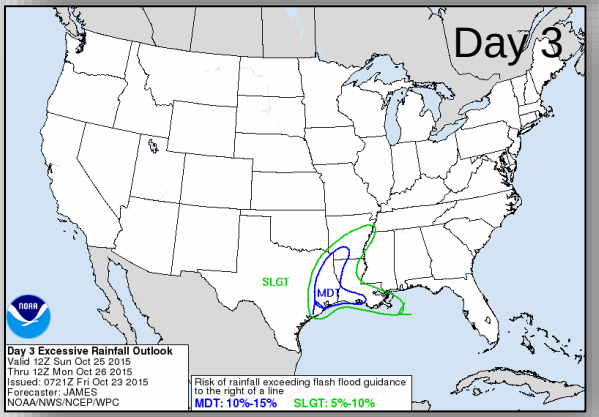
Day 3

Flash Flood Potential, 1-3 Day

FEMA

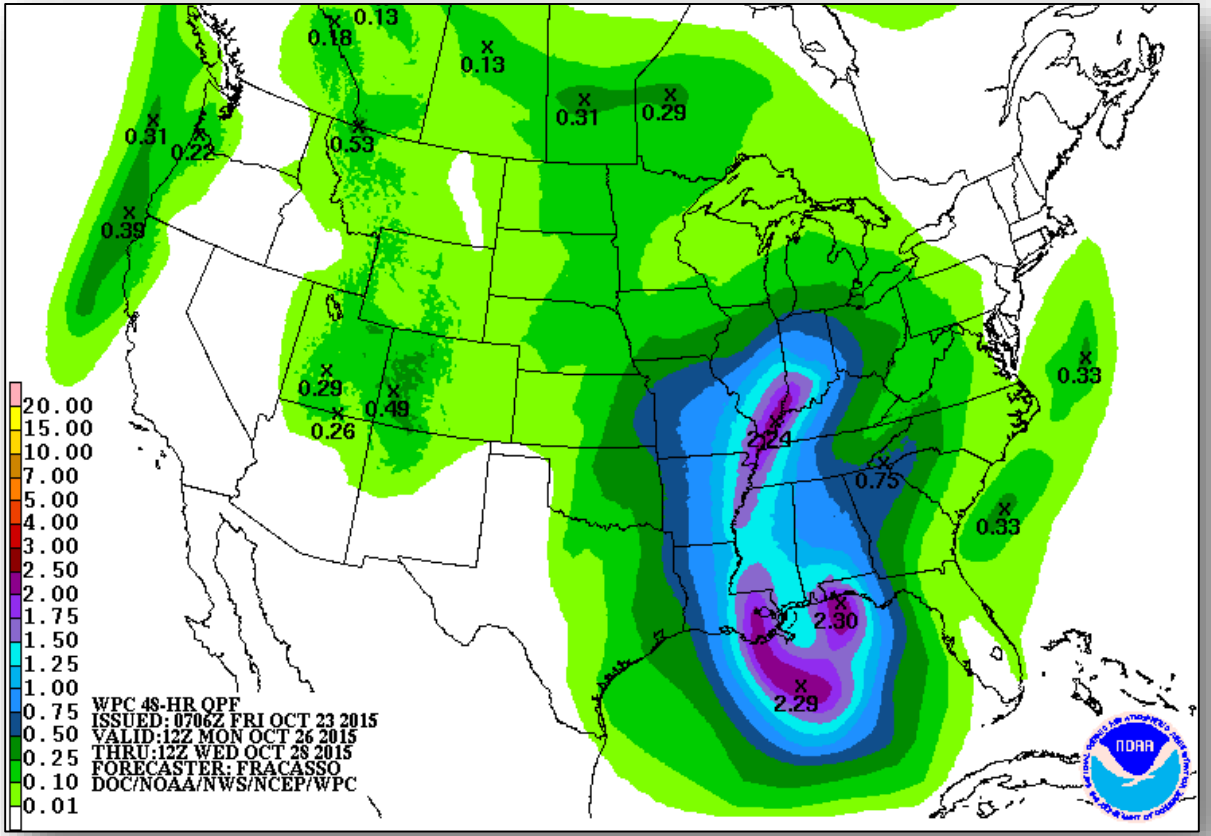




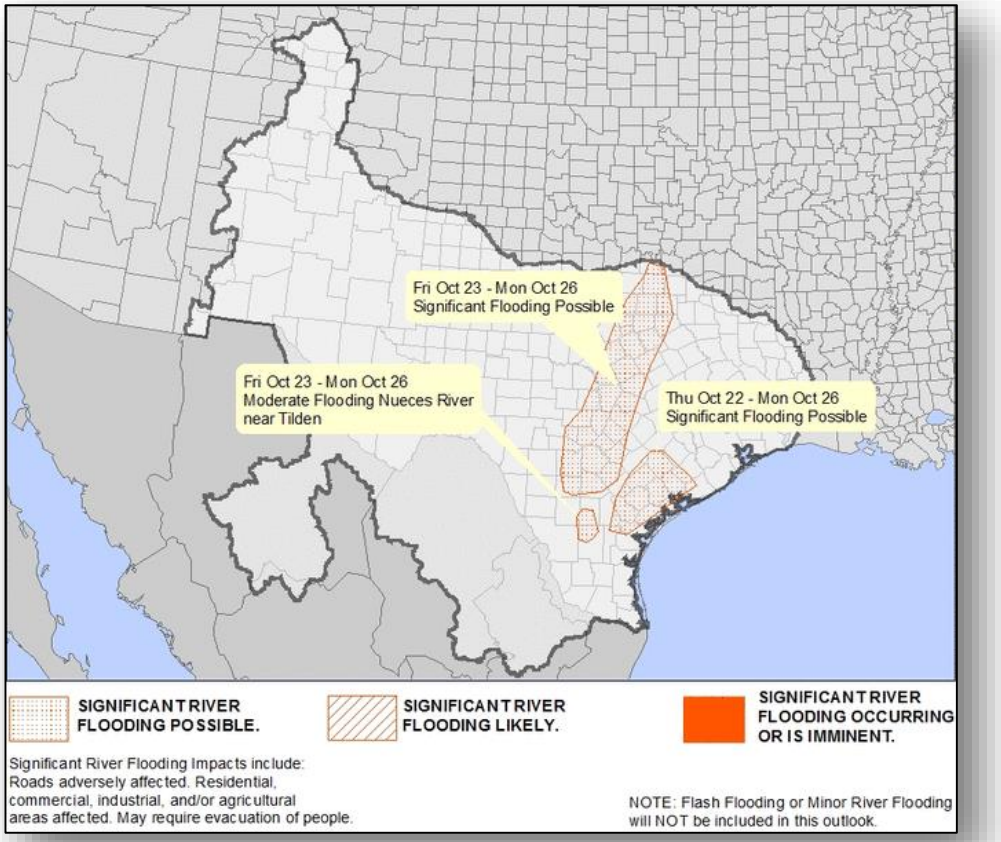


Precipitation Forecast, 4-5 Day

FEMA

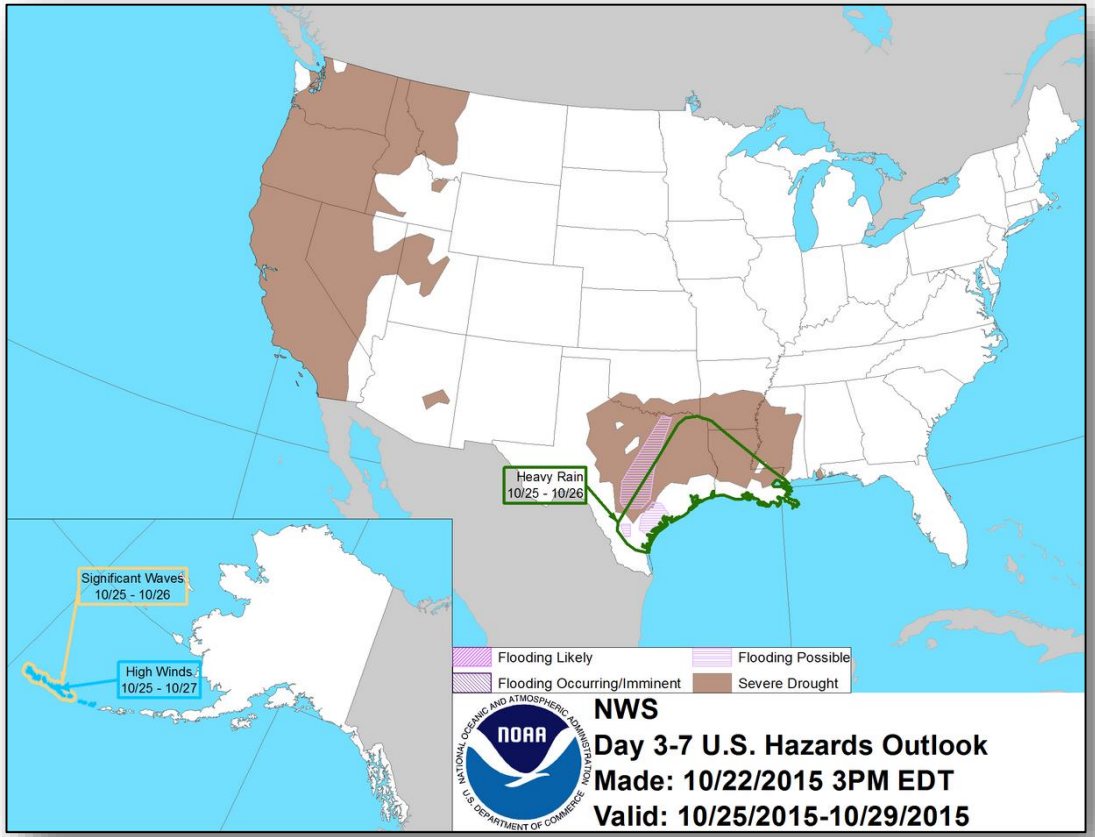


Significant River Flood Outlook



Hazard Outlook, October 25-29

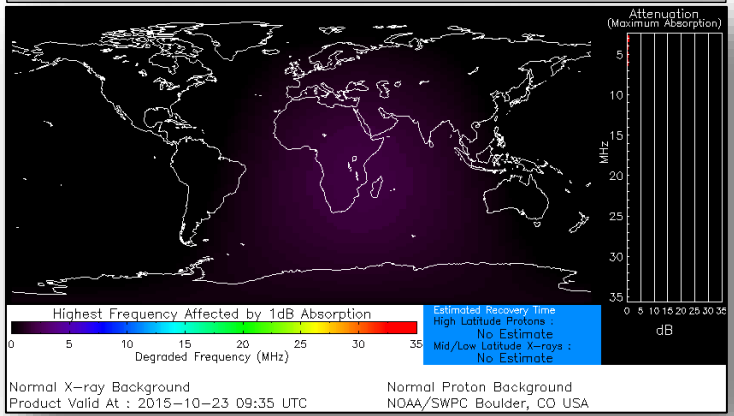
FEMA



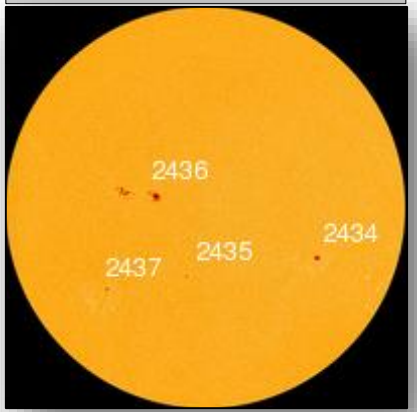
Space Weather

	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

HF Communication Impact



Sunspot Activity



Weather Forecasts vs. Climate Outlooks

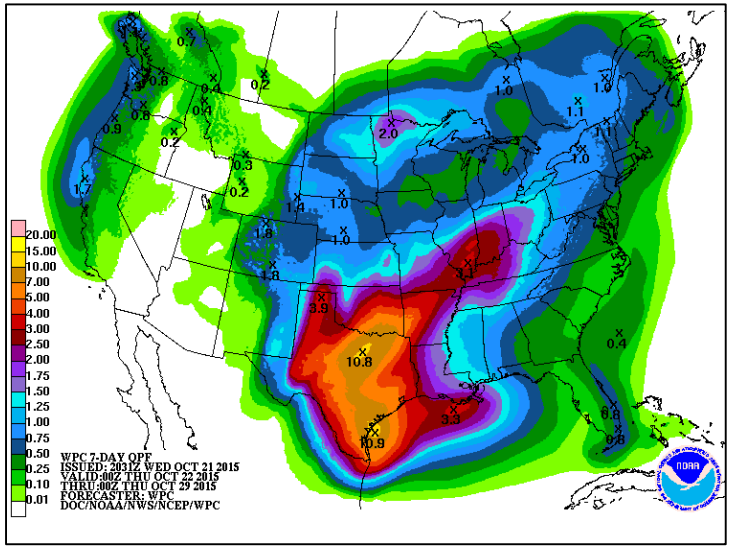


Fig. 1: Weather Prediction Center 7-Day Precipitation Forecast

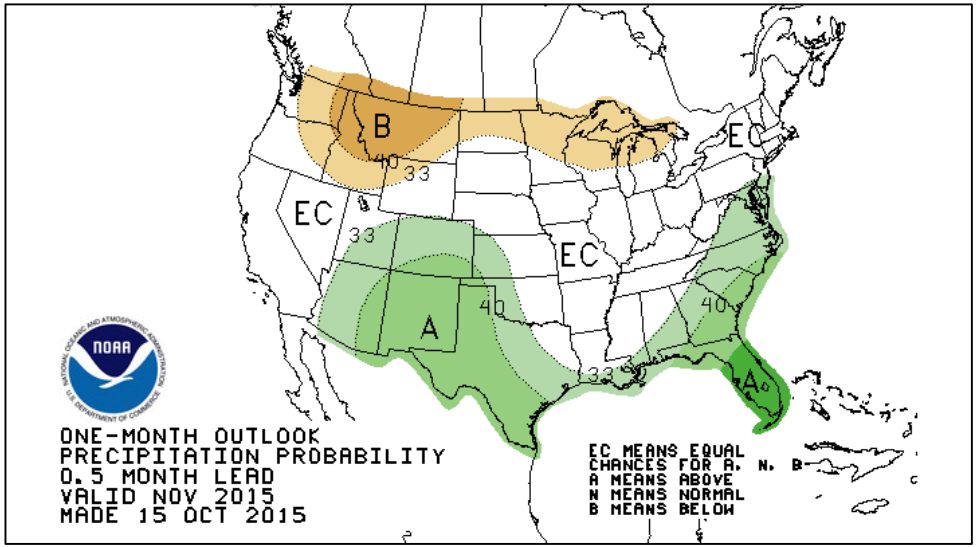


Fig. 2: Monthly Precipitation Outlook from Climate Prediction Center

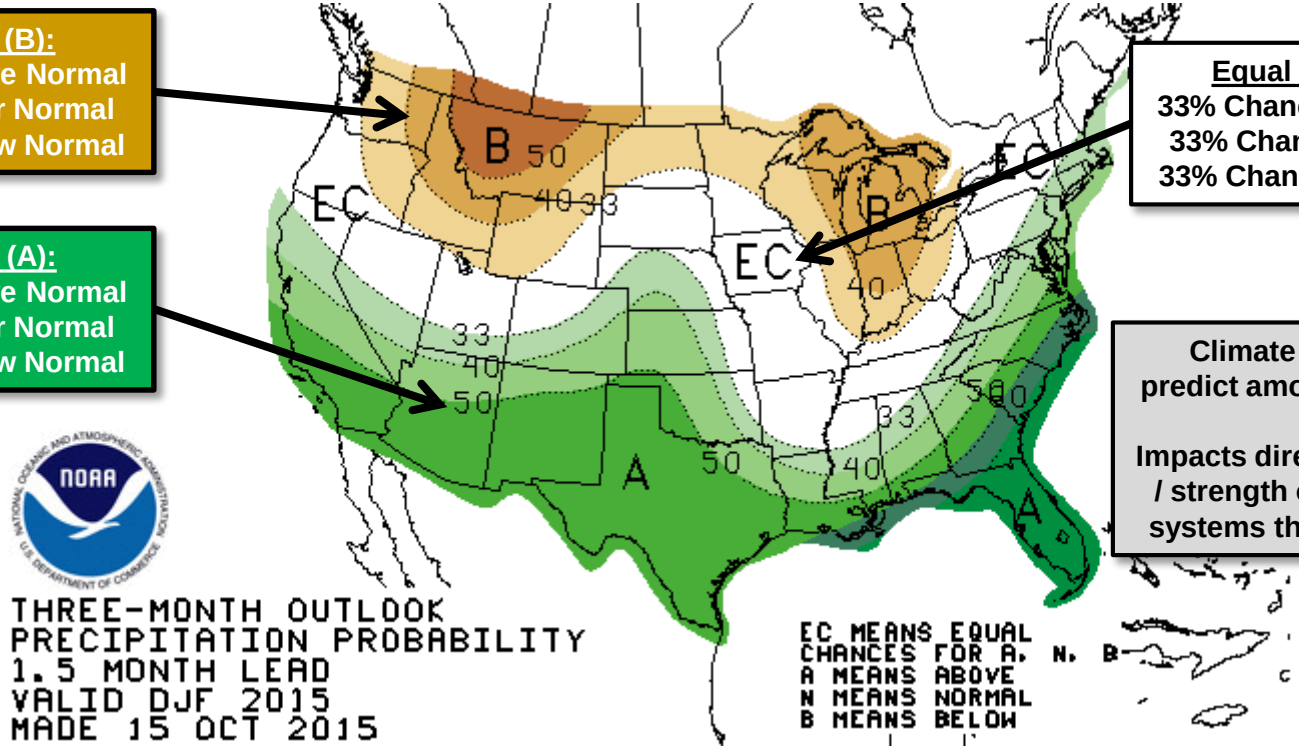
- Weather forecasts predict short term conditions (days) while Climate Outlooks predict long term trends (weeks - months)
- Example: How much rain may fall over a few days (Fig. 1) vs. the probability that rain will be above normal, near normal, or below normal (Fig. 2)

Interpreting Climate Outlooks: Precipitation

FEMA

Below Normal (B):
27% Chance - Above Normal
33% Chance - Near Normal
40% Chance - Below Normal

Above Normal (A):
50% Chance - Above Normal
33% Chance - Near Normal
17% Chance - Below Normal



Equal Chances (EC):
33% Chance - Above Normal
33% Chance - Near Normal
33% Chance - Below Normal

Climate outlooks do not predict amount of precipitation

Impacts directly related to track / strength of individual storm systems throughout a season

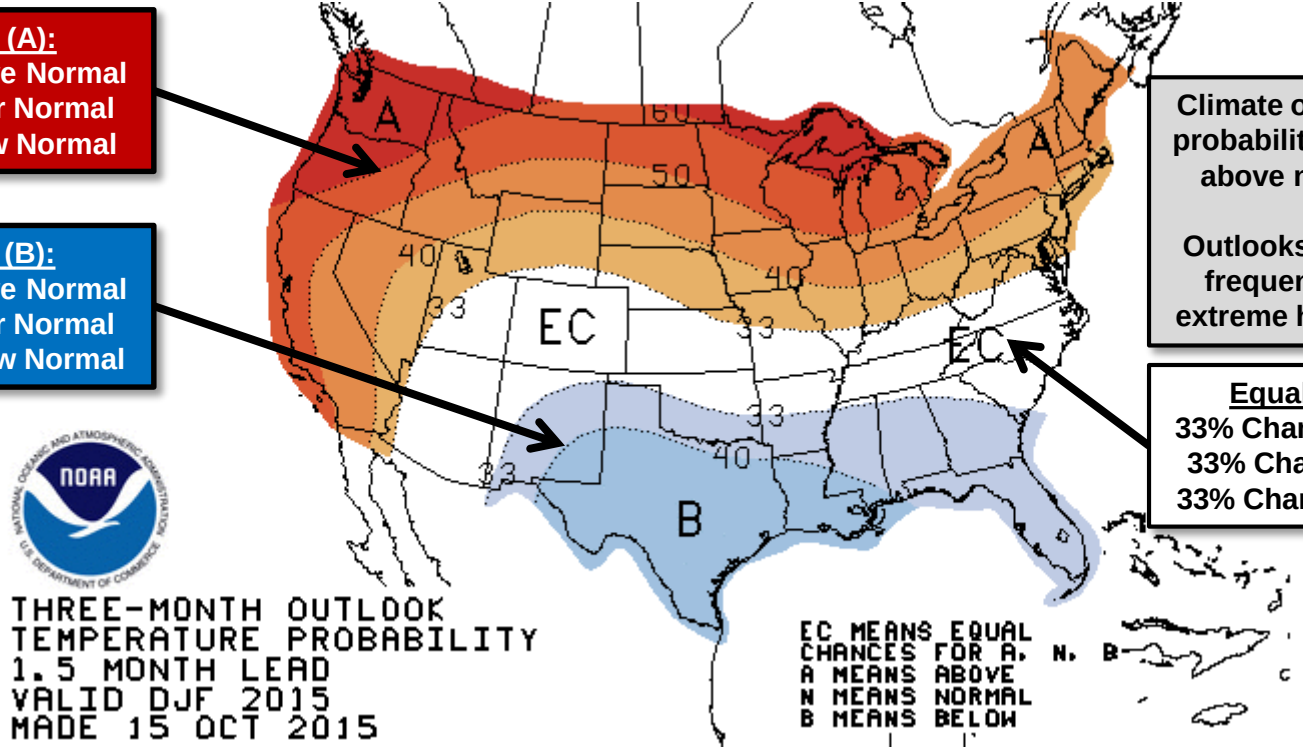
Potential Impacts: On average, favoring above normal precipitation and potential heavy precipitation events for southern CONUS; Elevated odds for severe weather in Southeast; Drought improvement in CA.

Interpreting Climate Outlooks: Temperature

FEMA

Above Normal (A):
60% Chance - Above Normal
33% Chance - Near Normal
7% Chance - Below Normal

Below Normal (B):
27% Chance - Above Normal
33% Chance - Near Normal
40% Chance - Below Normal



Climate outlooks predict the probability for below, near or above normal conditions

Outlooks do not predict the frequency or strength of extreme heat/cold outbreaks

Equal Chances (EC):
33% Chance - Above Normal
33% Chance - Near Normal
33% Chance - Below Normal

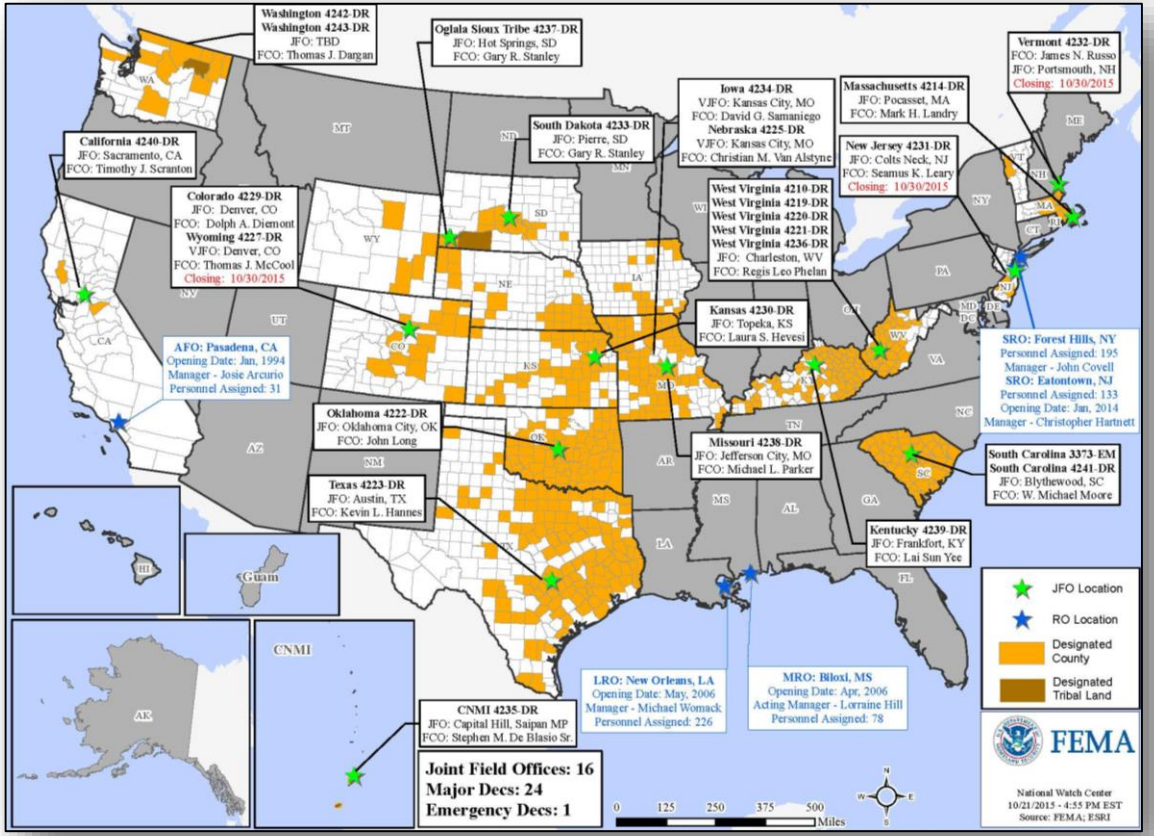
Potential Impacts: On average, warmer than normal temperatures and odds favor less frequent and shorter duration arctic outbreaks across much of northern CONUS

Disaster Amendments

Amendment	Effective Date	Action
Amendment No.8 FEMA-4241-DR-SC	October 22, 2015	Adds six counties for Public Assistance

Open Field Offices as of October 23

FEMA



Joint Preliminary Damage Assessments

FEMA

Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Complete	
II	NJ	Severe Coastal Storm Event & High Winds October 1-4, 2015	PA	3	0	10/26-TBD
X	AK	High Surf & Coastal Flooding August 26-28, 2015	PA	1	0	10/19-TBD

FEMA Readiness – Deployable Teams /Assets

FEMA

Deployable Teams/Assets									
Resource	**Status**	**Total**	**FMC Available**		**Partially Available**	**Not Available**	**Detailed, Deployed, Activated**	**Comments**	**Rating Criterion**
FCO		35	9	26%	0	3	23		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		7	2	29%	0	0	5		
US&R		28	27	96%	0	1	0	NM-TF1 (Red) – Personnel shortages	• Green = Available/FMC • Yellow = Available/PMC • Red = Out-of-Service • Blue = Assigned/Deployed
National IMAT		3	1	33%	0	0	2	N-IMAT East-1 and N-IMAT West deployed to SC	• Green: 3 avail • Yellow: 1-2 avail • Red: 0 avail *(Individual N-IMAT red if 50% of Section Chiefs and/or Team Leader is unavailable for deployment.)*
Regional IMAT		13	3	23%	0	0	10	**Deployed:** RI (Team 1) Deployed to SC RII (Team 1) Demobilized; Fully Mission Capable RIV (Team 1) Deployed to SC; (Team 2) deployed to SC RVI (Team 2) Deployed to TX RVII Deployed to MO RVIII (Team 1) Deployed to CO RIX (Team 1) Deployed to CNMI; (Team 2) Deployed to CA RX (Team 1) Deployed to WA	• Green: 7 or more avail • Yellow: 4 - 6 teams available • Red: > 8 teams deployed/unavailable *R-IMAT also red if TL Ops/Log Chief is unavailable & has no qualified replacement*
MCOV		59	16	27%	0	11	32	8 MCOVs deployed to CA (FEMA-4240-DR) 24 MCOVs deployed to SC (FEMA-4241-DR)	• 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		• Green = FMC • Yellow = PMC • Red = NMC
NRCC		2	344	89%	0	44	Not Activated		
HLT		1	N/A	N/A	0	0	Activated		
DEST							Not Activated		
RRCCs		10	10	100%	0	0	Not Activated		
RWCs/MOCs		10	10	100%	0	0	Not Activated		

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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.