

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

Tuesday, April 19, 2016

8:30 a.m. EDT

Significant Activity: April 18-19



Significant Events: Texas flash flooding

Significant Weather:

- Flash flooding – Southern Plains & Lower Mississippi Valley
- Rain and thunderstorms – Portions of CA, OR & Central/Southern Plains, Upper/Middle/Lower Mississippi valleys
- Rain and snow – Rockies & Northeast
- Rain – Northern Plains to Upper Mississippi Valley & Great Lakes
- Elevated Fire/Red Flag Warnings – Northeast
- Space weather – None observed past 24 hours; none predicted next 24 hours

Tropical Activity: Tropical Cyclone Formation Alert – Southern Pacific

Earthquake Activity: No significant activity

Declaration Activity: None

Flash Flooding – Texas



Current Situation:

- Severe thunderstorms and heavy rainfall brought 10-18 inches of rain since Sunday across southeast Texas, including the Houston (Harris County) metro area, leading to significant flash flooding
- Threat for localized flash flooding and additional significant river flooding will continue through mid-week

Impacts

- Media is reporting over 1,200 high water rescues and 1,000 homes flooded (Harris County); No official numbers available - assessments ongoing
- Over 1,200 flights cancelled at airports across TX
 - Houston International operating with no current flight delays *(Industry & Media reports)*
- Multiple roads, I-45, & I-10 closed in Houston area *(Texas DOT)*
- Many schools/government offices closed
- Power restoration ongoing; 17k customers remain without power in the Region VI
 - 15k in TX (peak 70k); 9k in Houston (peak 62k) *(DOE Eagle-I as of 7:00 a.m. EDT)*
- No damage to waste water facilities; no risk to flood control structures
- Unconfirmed reports of 5 fatalities; (4) Harris County, (1) Waller County
- 14 ARC shelters open w/ 437 occupants in the Houston area *(ESF-6 report as of 7:00 a.m. EDT)*

State/Local Response

- TX EOC at Monitoring (Level III)
- Governor declared a state of emergency for 9 counties on Apr 18th
- TX National Guard/TX Military Department Forces & SAR resources are activated

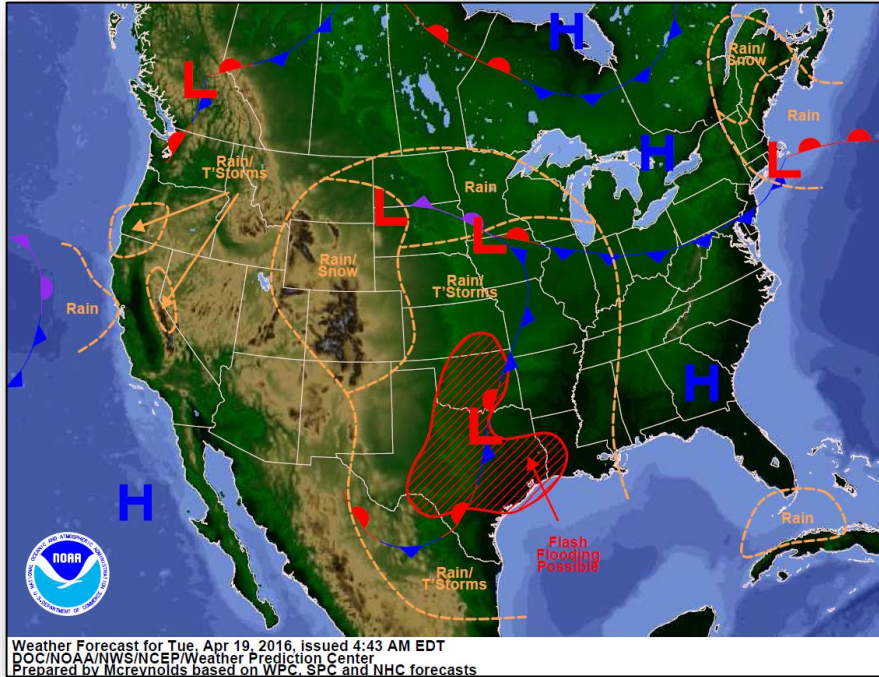
Federal Actions

- FEMA Region VI RWC at Enhanced Watch, 24/7
- FEMA Region VI LNO at TX SOC

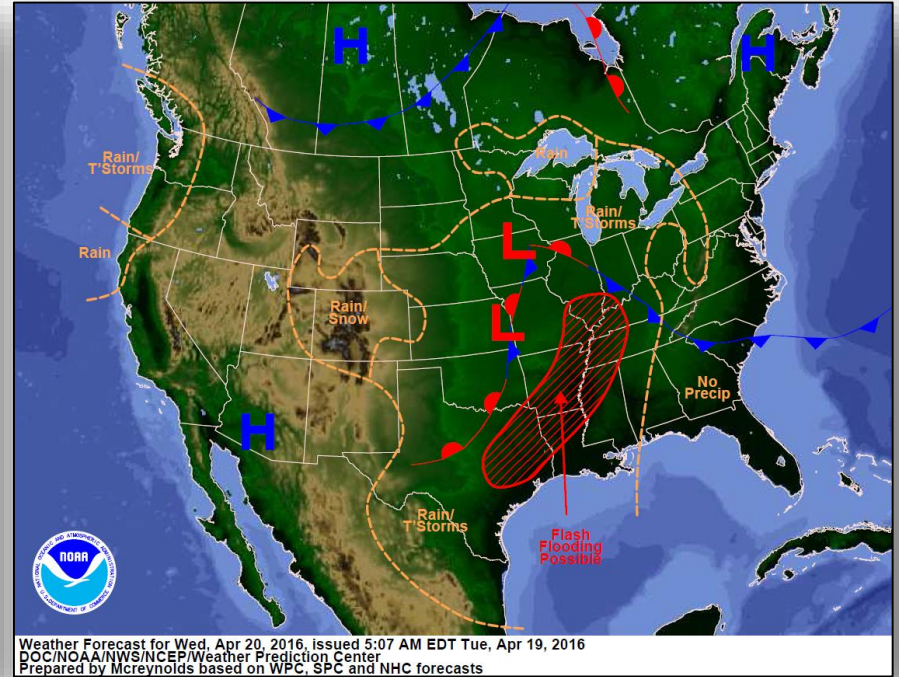


City of Houston (Harris Co)

National Weather Forecast

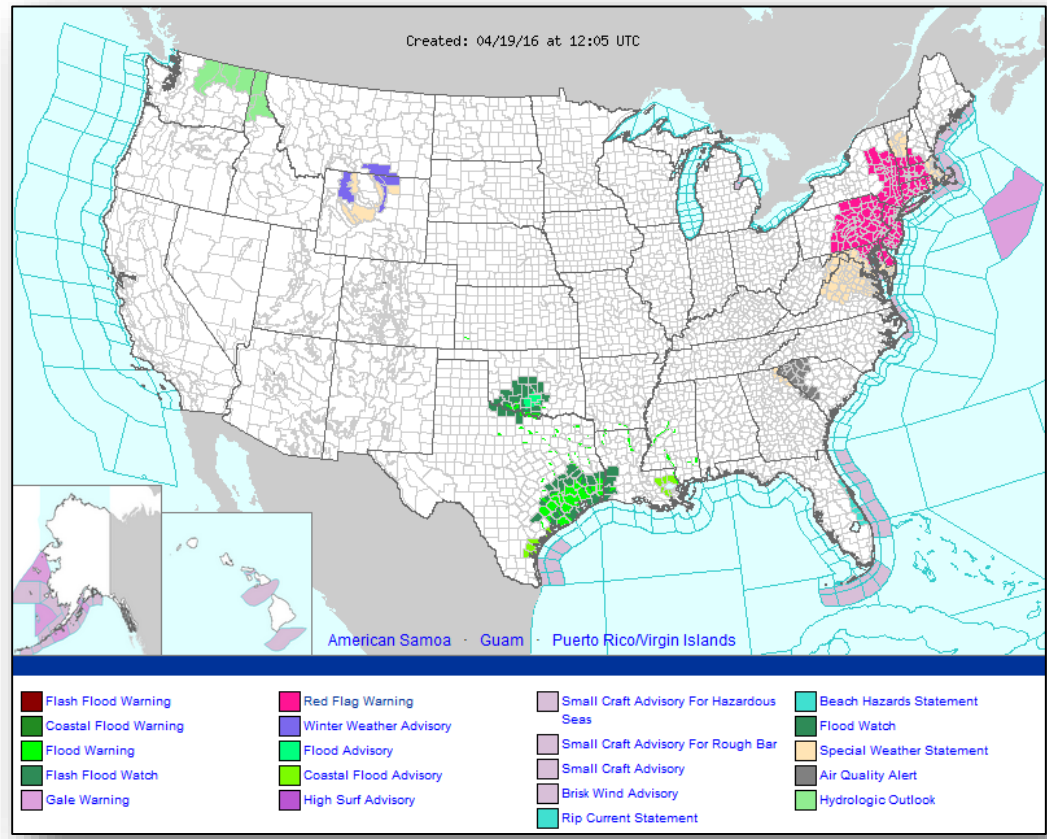


Today



Tomorrow

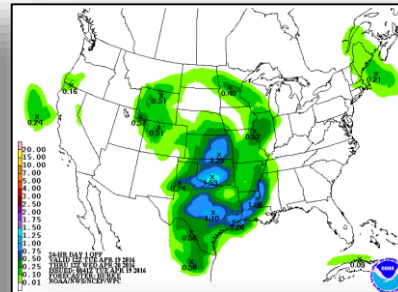
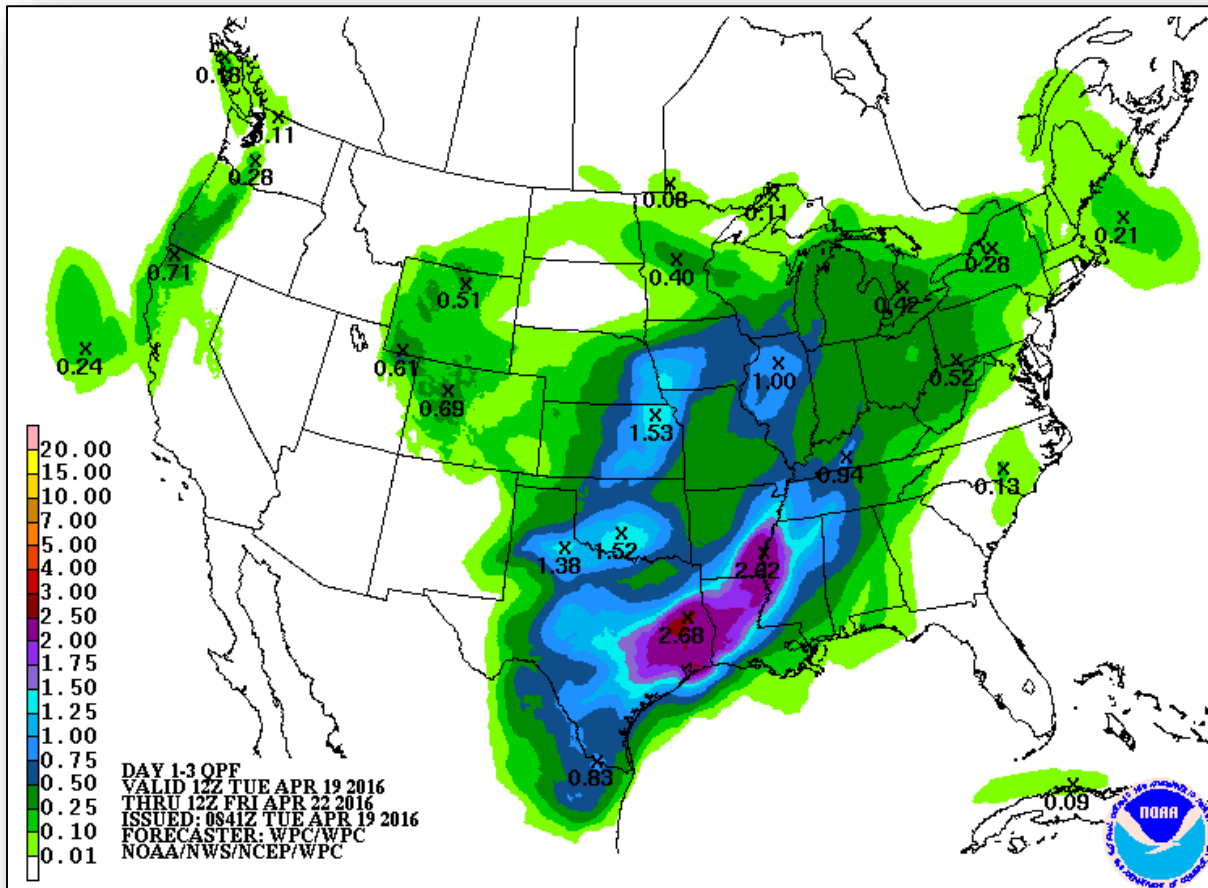
Active Watches/Warnings



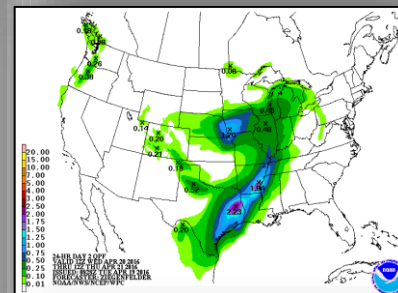
Precipitation Forecast, 1-3 Day



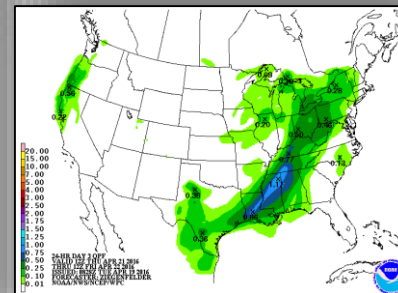
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Day 1

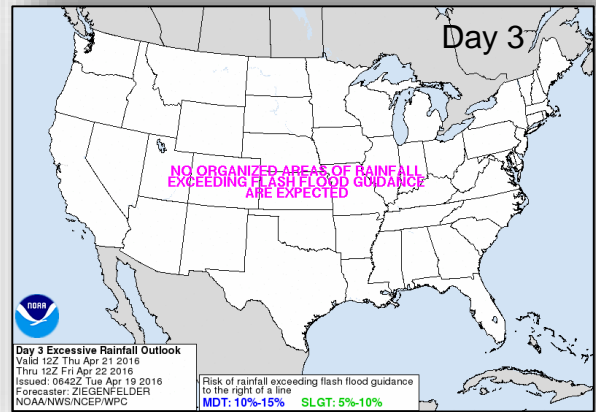
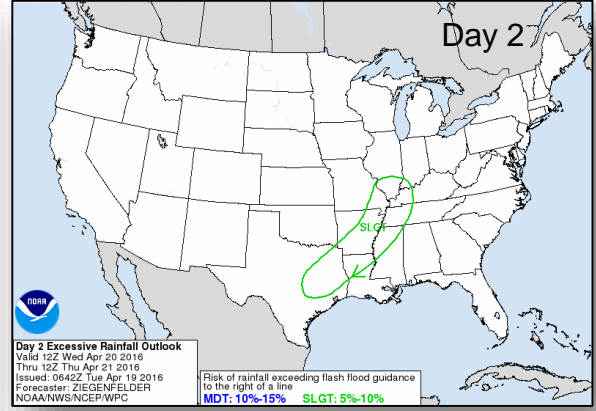
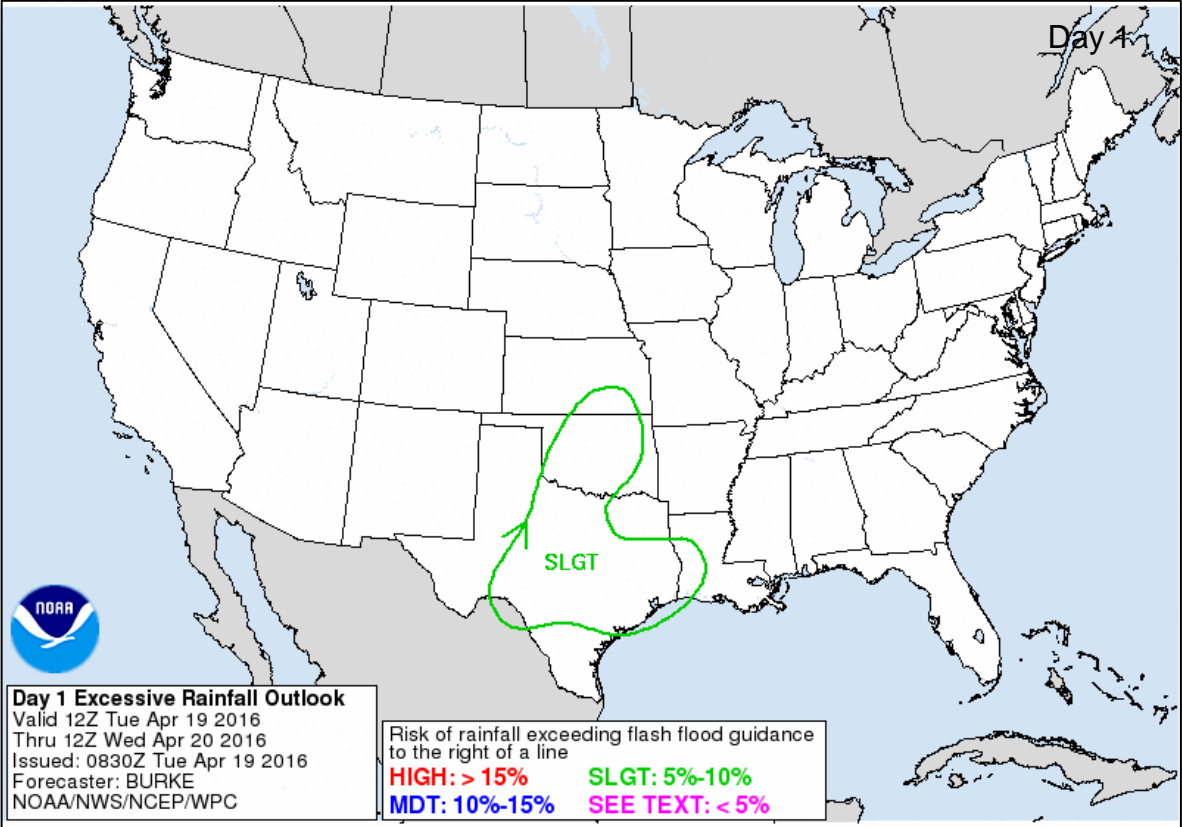


Day 2



Day 3

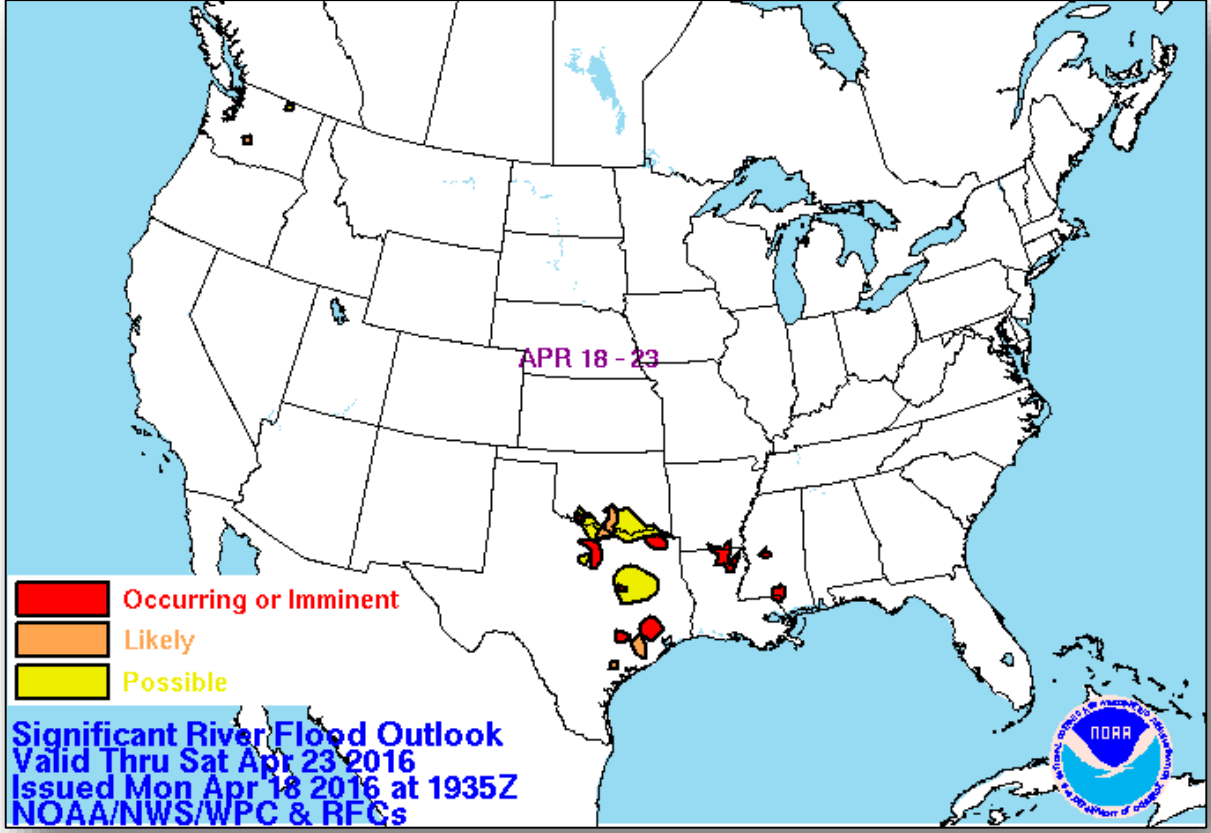
Flash Flood Potential



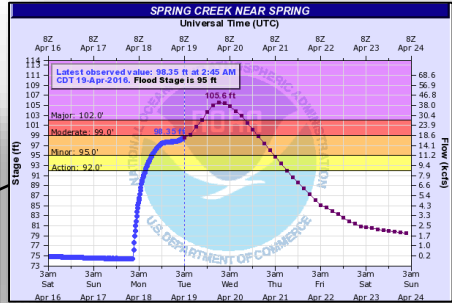
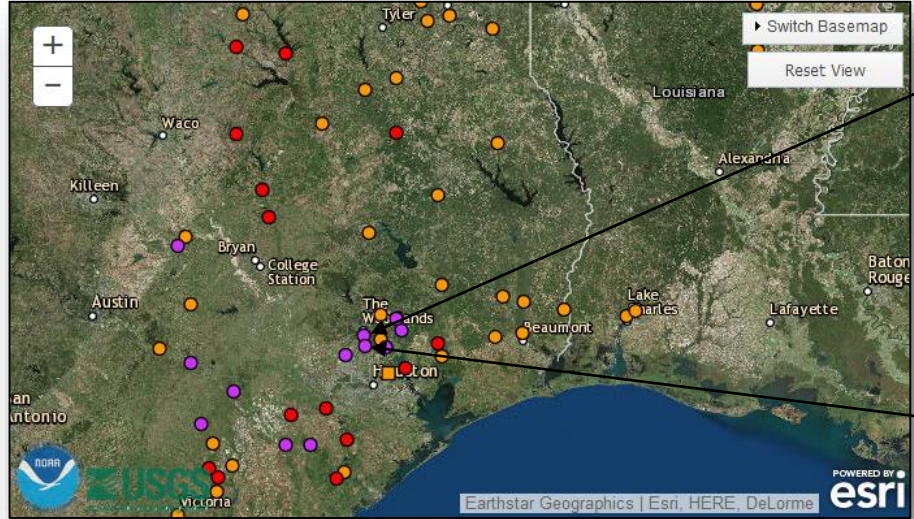
Significant River Flood Outlook



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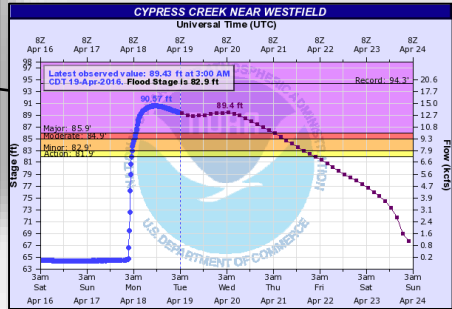


River Forecast



Potential Impacts:
90.4 Major lowland flooding continues with up to 5 feet of water in homes in subdivisions upstream/downstream from the gage

Major lowland flooding continues with water to the bottom of I-45 bridge



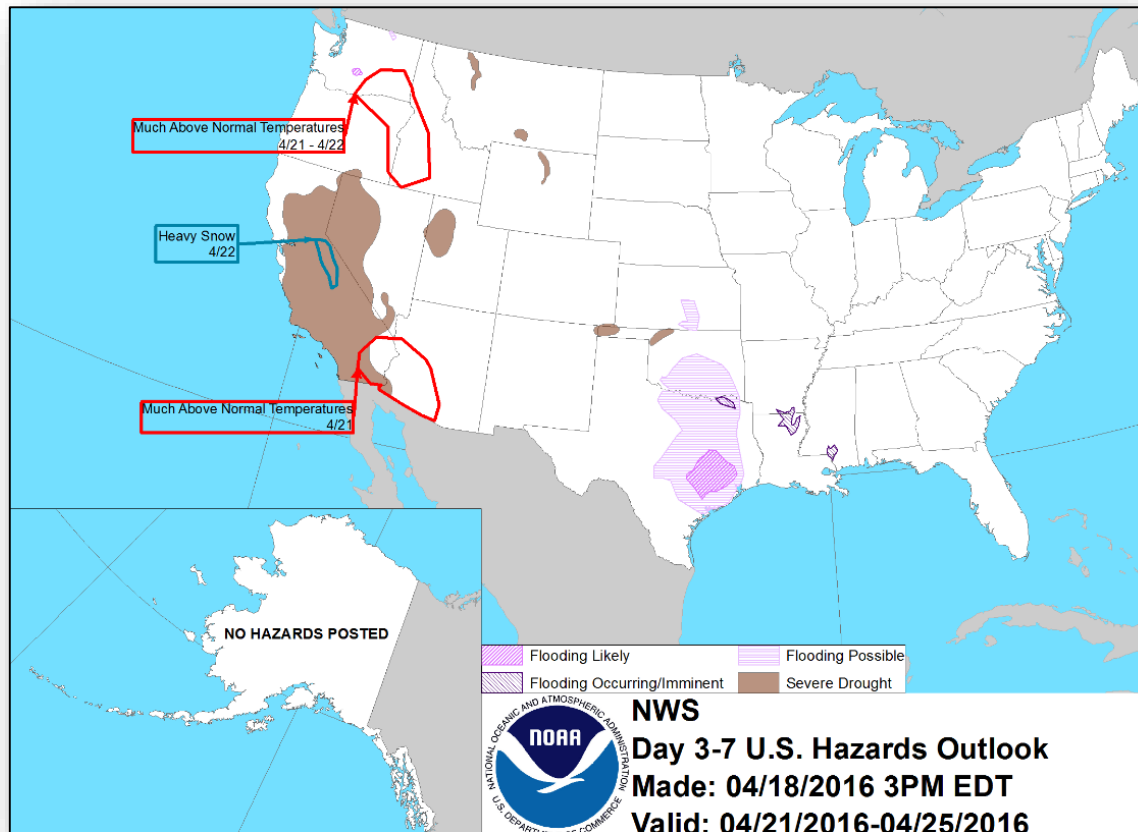
Potential Impacts:
99.0 Moderate lowland flooding begins with some minor roads near the gage inundated

Minor lowland flooding begins as flow escapes into secondary channel

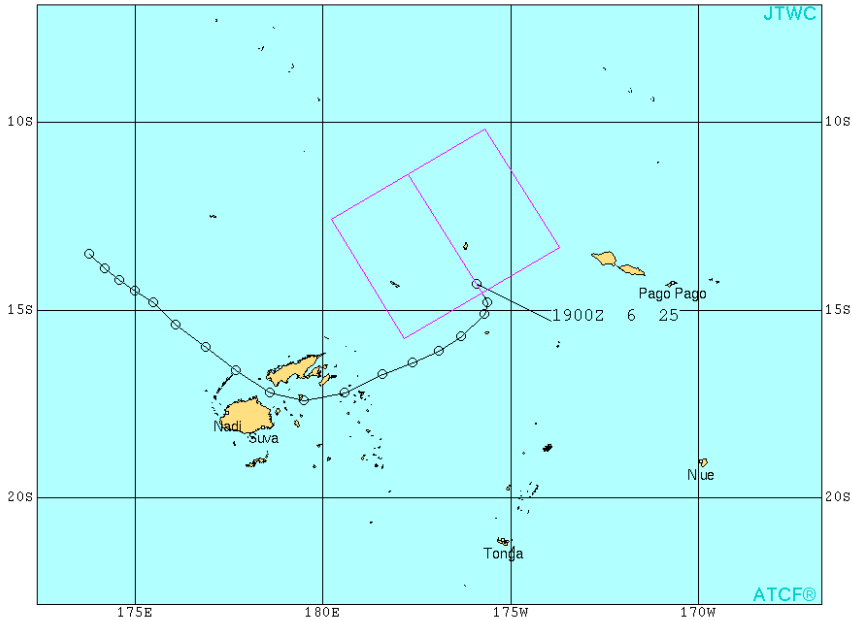
Hazard Outlook April 21-25



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Southern Pacific – Tropical Activity



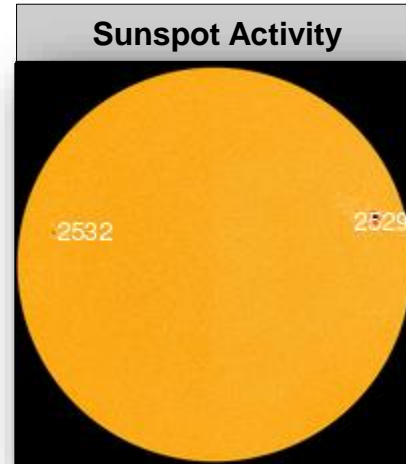
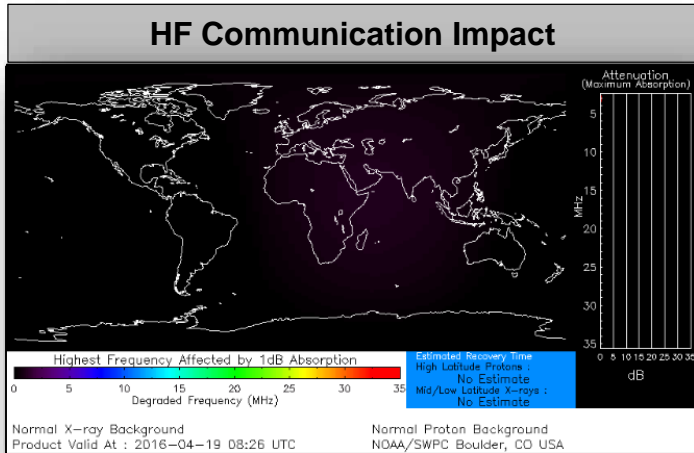
Tropical Cyclone Formation Alert

(see <http://www.usno.navy.mil/JTWC/> for updates)

- Location: About 350 miles west of PAGO PAGO, AS
- Movement: North-northwest at 7 mph
- Maximum Sustained Winds: 30-35 mph
- Formation Chance in Next 24 Hours: High
 - Disturbance is located in a marginally favorable, but improving, environment for Tropical Cyclone formation

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

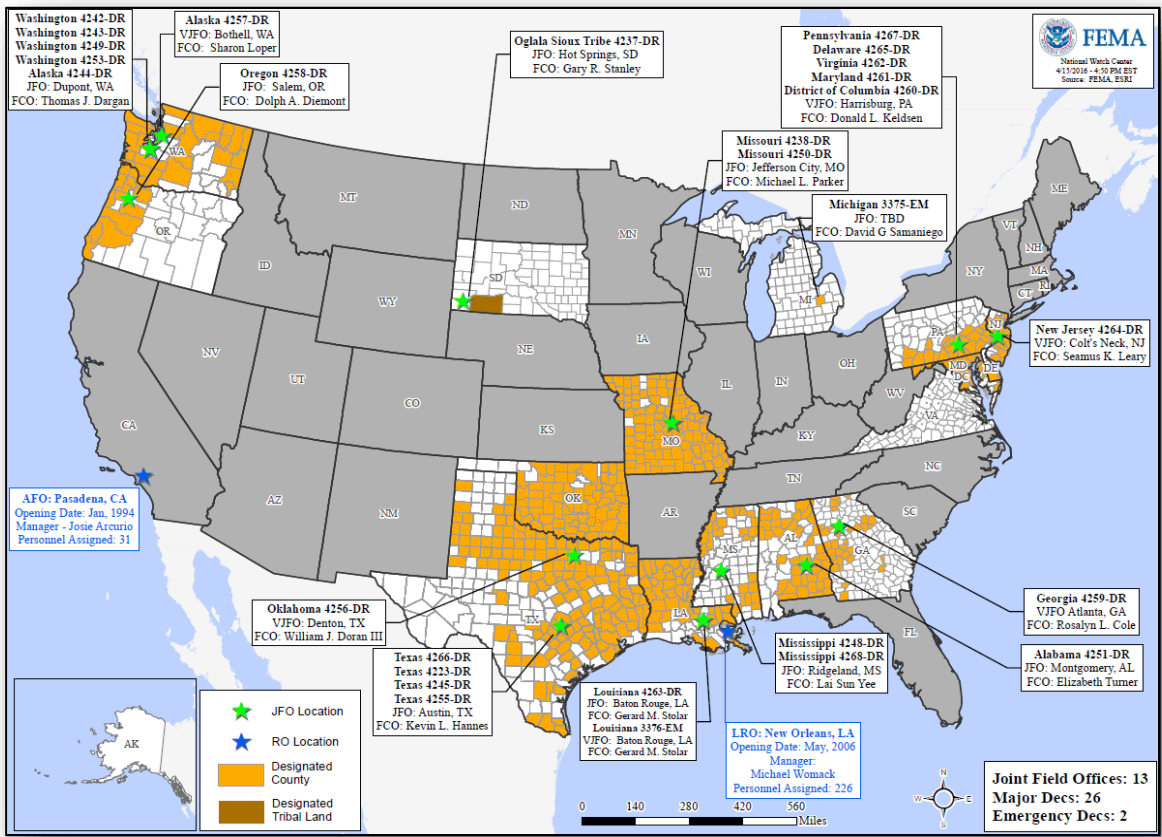


Disaster Requests & Declarations



Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
3	Date Requested	0	0
Republic of the Marshall Islands – Severe Drought <i>*This request was made pursuant to the Compact of Free Association.</i>	April 1, 2016		
IL – DR (Appeal) Severe Storms and Flooding	April 8, 2016		
NM – DR (Appeal) Severe Winter Storm and Snowstorm	April 7, 2016		

Open Field Offices as of April 18, 2016



FEMA Readiness – Deployable Teams/Assets



Deployable Teams/Assets									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criterion
FCO		33	14	42%	0	1	18		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		27	26	96%	1	0	0	VA-TF1 –4/18-5/1 Non-mission capable (Exercise)	<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	National IMAT West deployed to LA (4263-LA)	<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	5	38%	0	0	8	Deployed: RI to LA (4263-LA) RII to TX (4266-TX) RIII to PA (4260-DC; 4261-MD; 4262-VA; 4265-DE; 4267-PA) RIV Team 2 to MS (4248-DR) RV to MI (3375-MI) RVI Team 1 to TX (4266-TX); Team 2 to LA (4263-LA) RVIII to LA (4263-LA)	<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>
MERS Teams		18	14	78%	0	0	4	Deployed: Denton: 1 team to LA, 2 teams to TX Denver: 1 team to TX	<ul style="list-style-type: none"> • Green = >66% available • Yellow = 33% to 66% available • Red = <33% available

MERS Availability Summary



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MERS Availability Summary			
as of 4/18/2016			
Legend	> 66%	< 66% & > 33%	< 33%
	Personnel Availability	Equipment Availability	% Deployed
Bothell MERS	83%	100%	11%
Denton MERS	70%	69%	15%
Denver MERS	83%	87%	15%
Frederick MERS	92%	100%	0%
Maynard MERS	88%	100%	0%
Thomasville MERS	96%	100%	0%
<i>Disaster Emergency Communications Division</i>			
Overall MERS Availability	85%	93%	9%

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	Not Activated		<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	Activated	Region I RRCC de-activated	
RWCs/MOCs		10	10	100%	0	0	Activated	Region VI RWC - Enhanced Watch, 24/7 (LNO at TX State EOC)	



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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.