

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

Wednesday, April 20, 2016

8:30 a.m. EDT

Significant Activity: April 19-20



Significant Events: Texas flooding

Significant Weather:

- Flash flooding possible – Southern Plains to the Lower Mississippi and Tennessee/Ohio Valley
- Severe thunderstorms possible – Portions of Texas
- Rain and thunderstorms – Pacific Northwest and California; Southern/Central Plains and the Lower Mississippi Valley to the Ohio/Tennessee valleys and Great Lakes
- Rain/snow – Central/Southern Rockies
- Rain – Washington State; Upper Mississippi Valley; Coastal Carolinas
- Red Flag Warnings – Portions of New England
- Space weather – None observed past 24 hours; none predicted next 24 hours

Tropical Activity: Tropical Cyclone 20P – Southern Pacific

Earthquake Activity: No significant activity

Declaration Activity: FEMA-4268-DR in Mississippi amended to add 26 counties for Public Assistance

Flash Flooding – Texas



Current Situation:

- Severe thunderstorms and recent heavy rain (10 to 18 inches) continue causing significant flooding for the Houston Metropolitan area (Harris County)
- Threat for localized flash flooding will continue through mid-week

Impacts

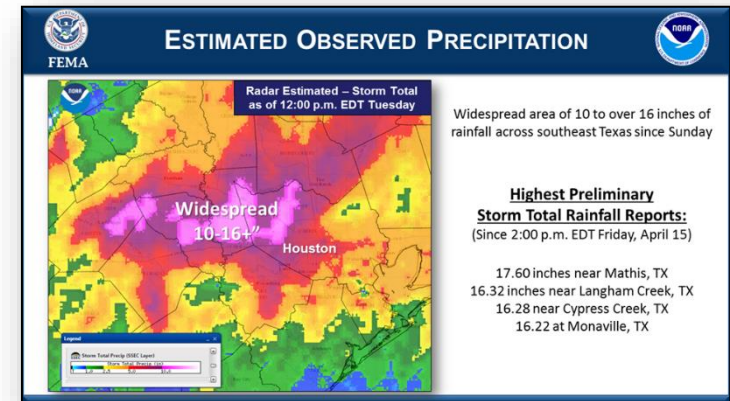
- Media is reporting over **1,200** high water rescues and **2,300** homes flooded (Harris County); No official numbers available - assessments ongoing
- Houston International Airport operating with minimal flight delays *(Industry & Media reports)*
- **Road conditions improving, though some remain impassible, including I-10 in the Houston area** *(Texas DOT)*
- Many schools/government offices remain closed – Harris County
- **Power restoration continues; 18k** (peak 70k) customers remain without power statewide *(DOE Eagle-I as of 7:00 a.m. EDT)*
- **City of Katy (Harris County) reporting some damage to one of two waste water facilities**
- **Unconfirmed reports of 8 (+3) fatalities**
- **12 (-2) ARC shelters open w/ 263 (-174) occupants in the Houston area** *(ARC report 6:15 a.m. EDT)*

State/Local Response

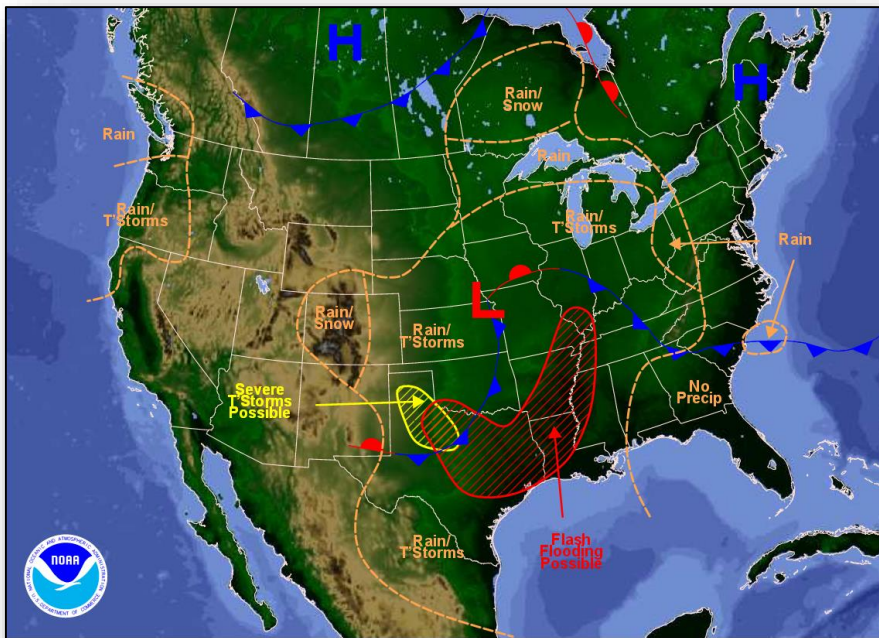
- TX EOC at Monitoring (Level III)
- Governor declared a state of emergency for 9 counties on Apr 18
- TX National Guard/TX Military Department Forces & SAR resources activated

Federal Actions

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

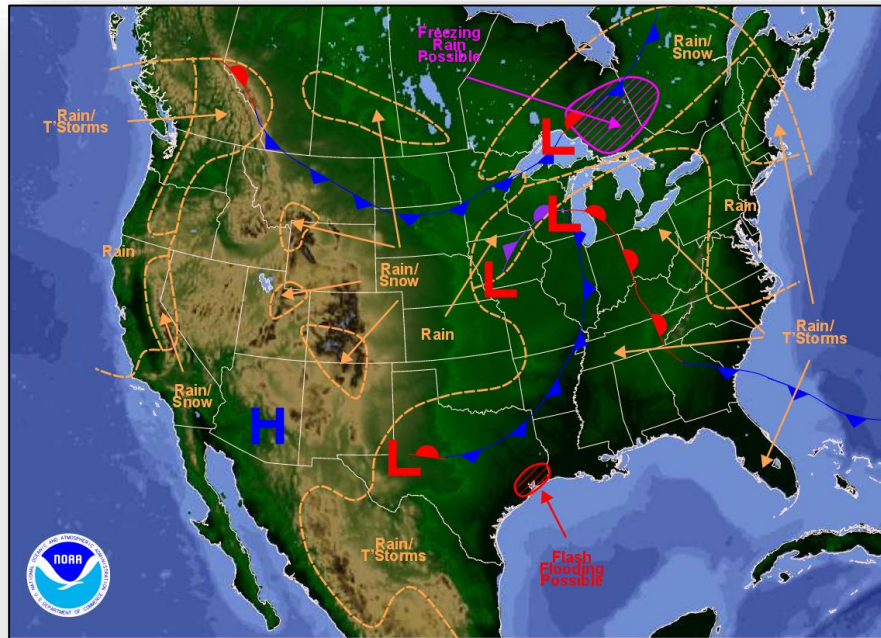


National Weather Forecast



Weather Forecast for Wed, Apr 20, 2016, issued 4:38 AM EDT
D/C/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

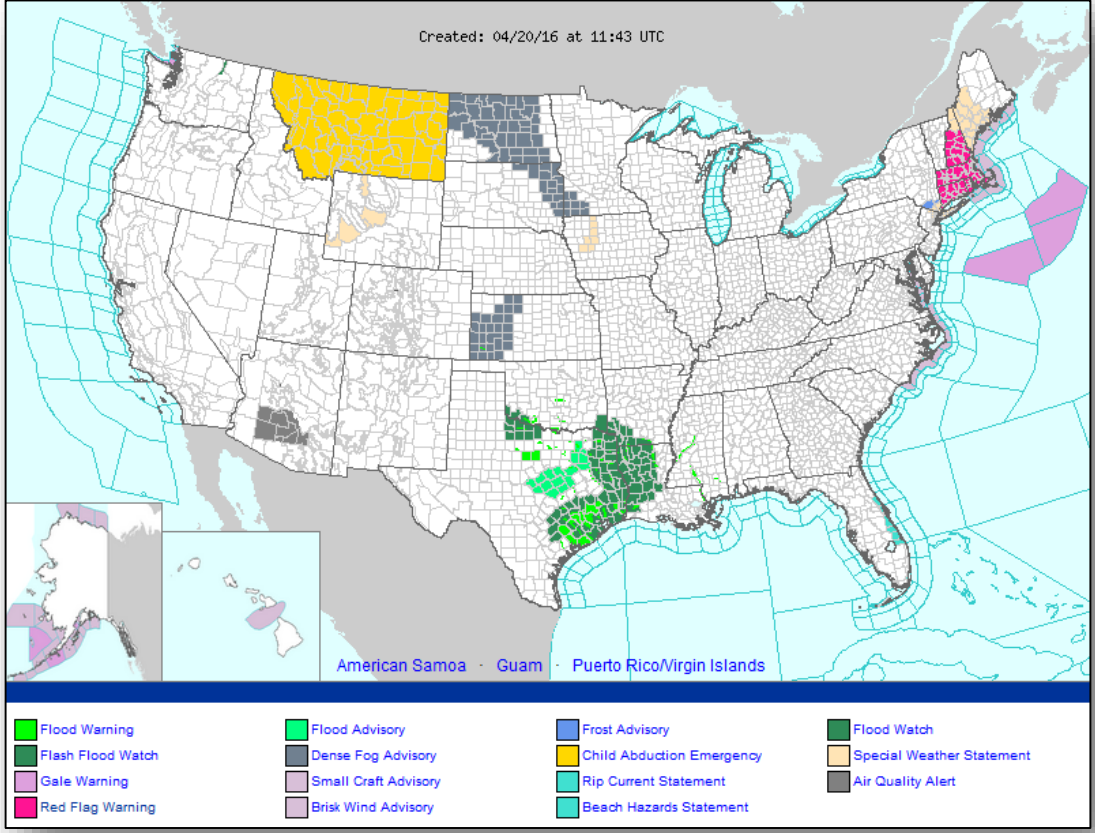
Today



Weather Forecast for Thu, Apr 21, 2016, issued 4:45 AM EDT Wed, Apr 20, 2016
D/C/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Tomorrow

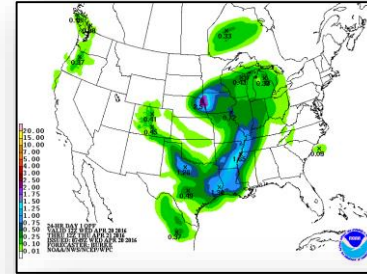
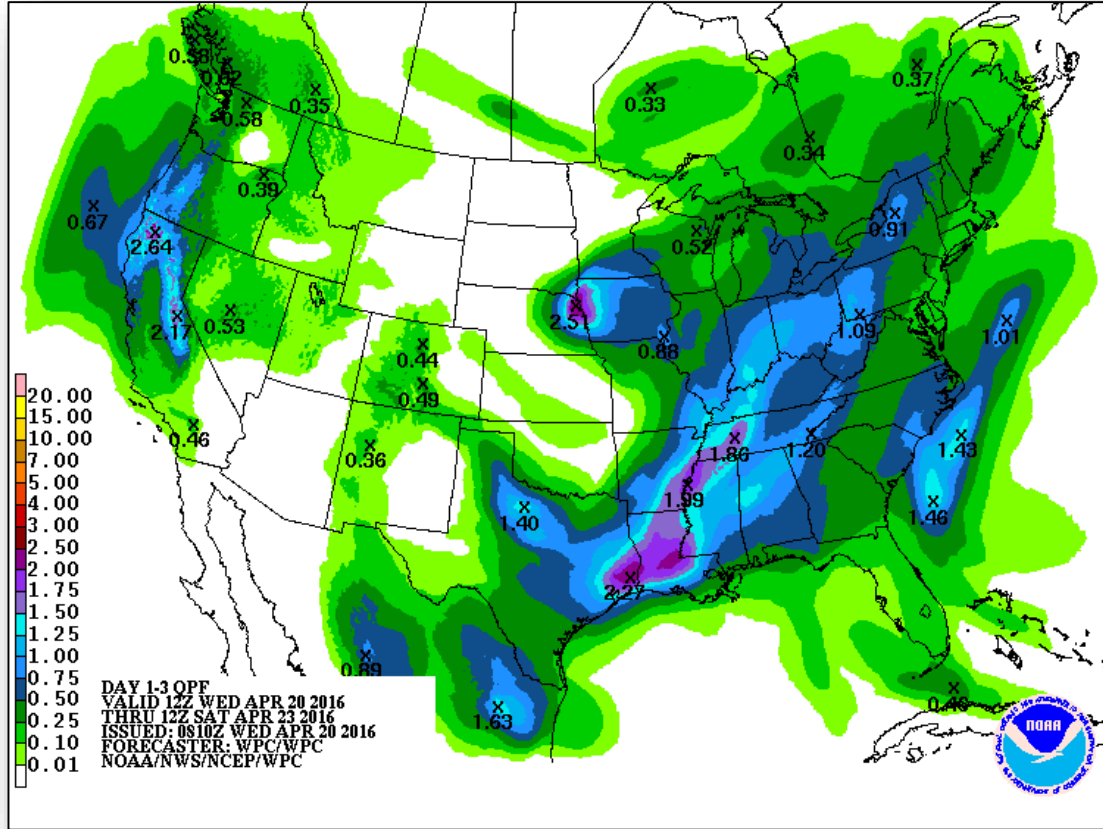
Active Watches/Warnings



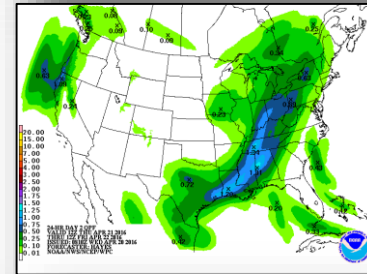
Precipitation Forecast, 1-3 Day



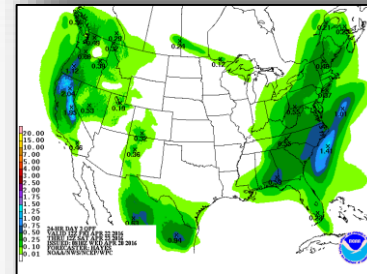
FEMA



Day 1



Day 2

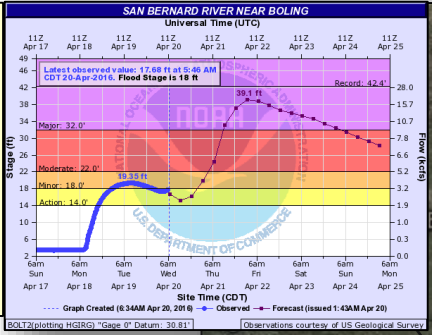


Day 3

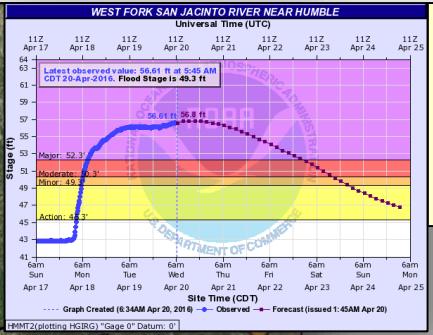
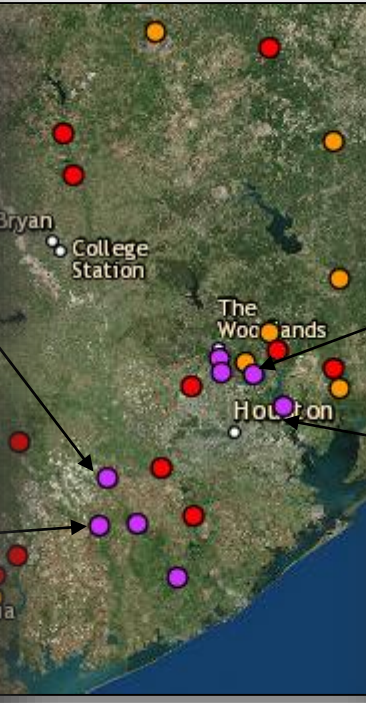
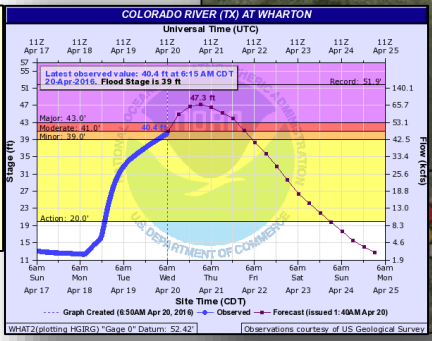
River Forecast



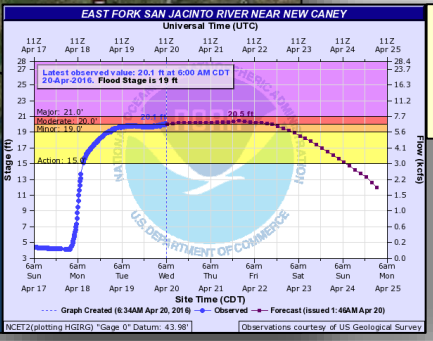
Potential Impacts:
 32 feet: Major lowland flooding occurs upstream from gage with significant backwater flooding up Peach and West Bernard Creeks in Wharton County and Snake Creek in Fort Bend County. Low lying areas in the El Lobo subdivision in Wharton County and Tierra Grande subdivision in Fort Bend County are inundated.



Potential Impacts:
 48 feet: Major lowland flooding continues with much of west and southwest Wharton flooded. Most streets between Sunset Street...FM 102...and U.S. Highway 59 are inundated and impassable and several homes have 3 feet or more of water in them.

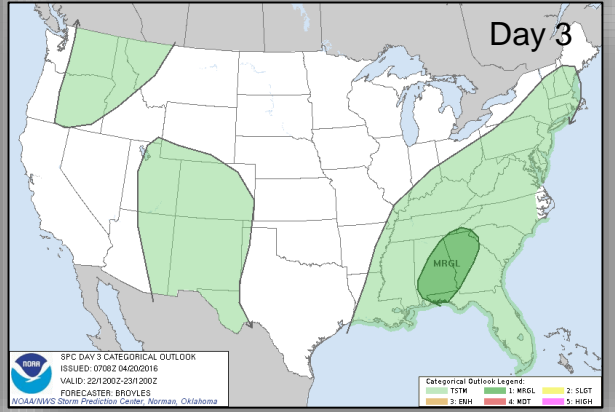
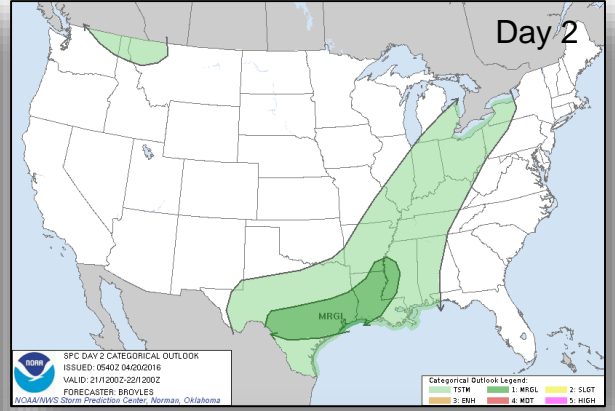
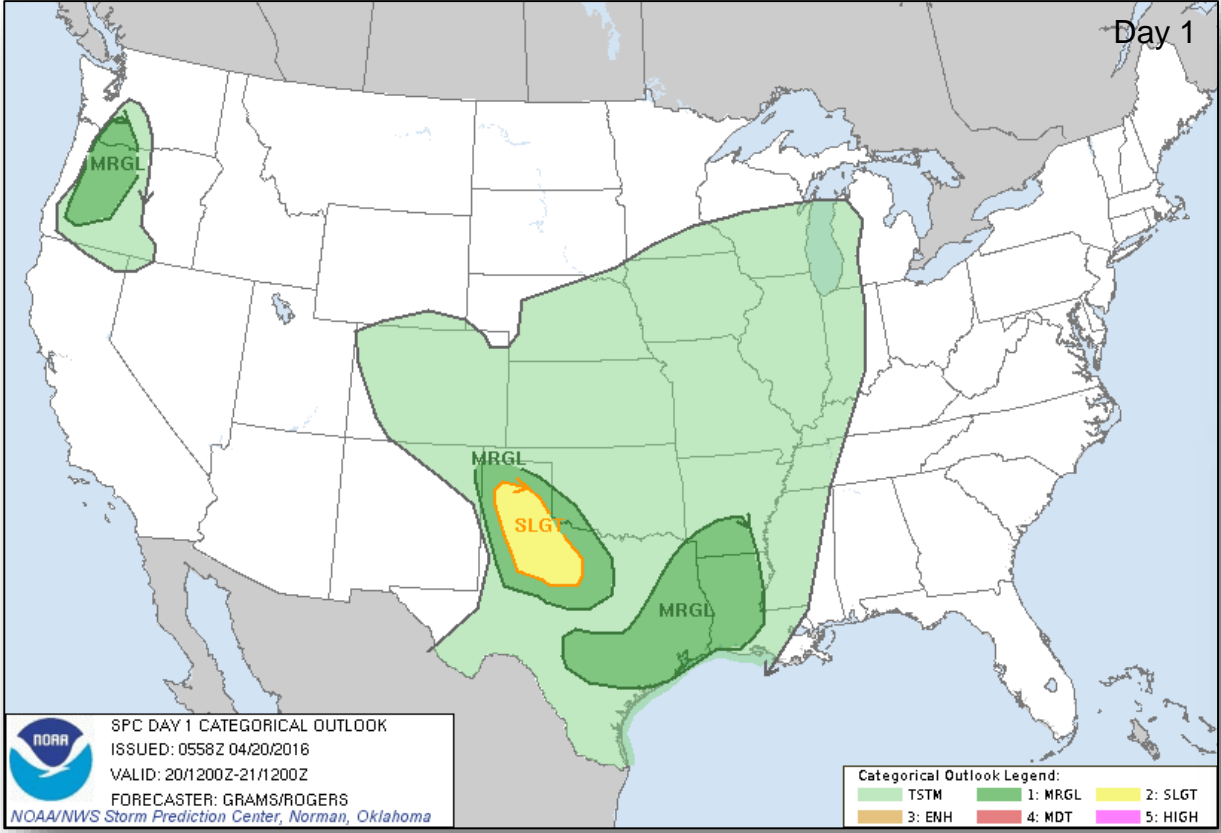


Potential Impacts:
 55.2 feet: Major lowland flooding continues with up to 6 inches of water is over the 800 block Hamblen Road adjacent to the Kingwood Cove Country Club Golf Course with many homes in the Bellau Woods and Treasure Cove subdivision are flooded.

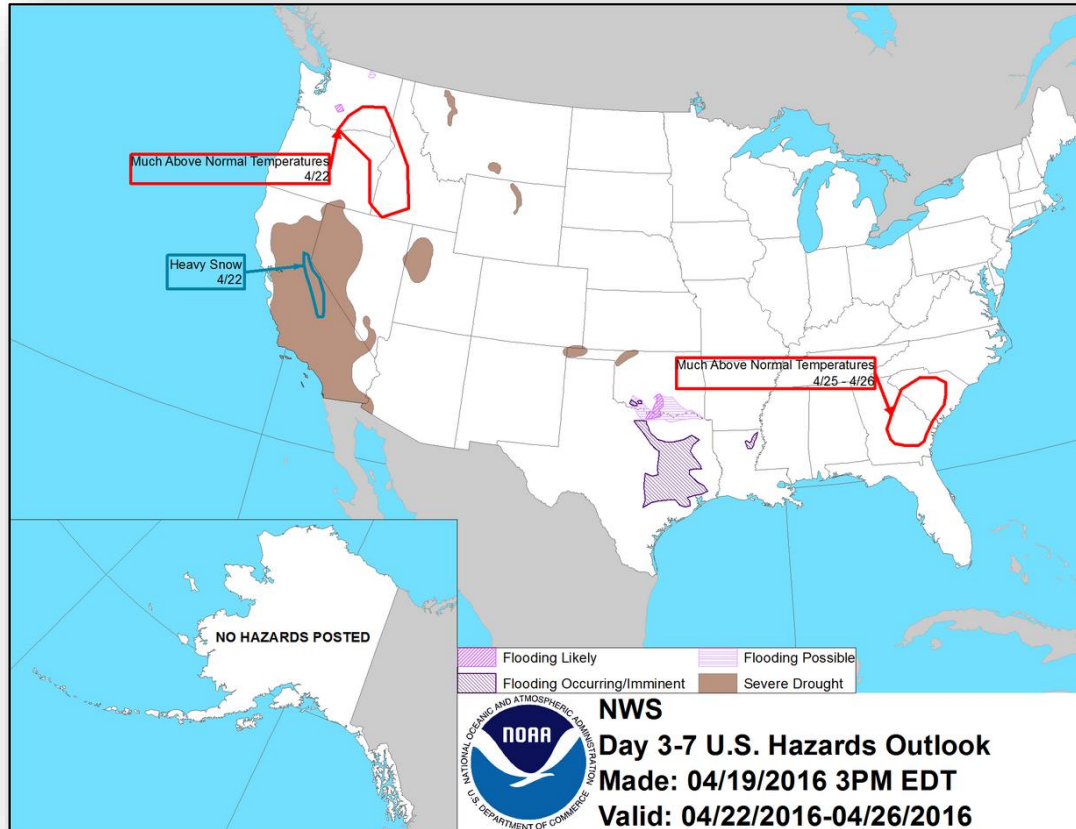


Potential Impacts:
 21.7 feet: Water is over the lowest slab elevations buildings on the right downstream side near the gage and FM 1485 near the gage is closed.

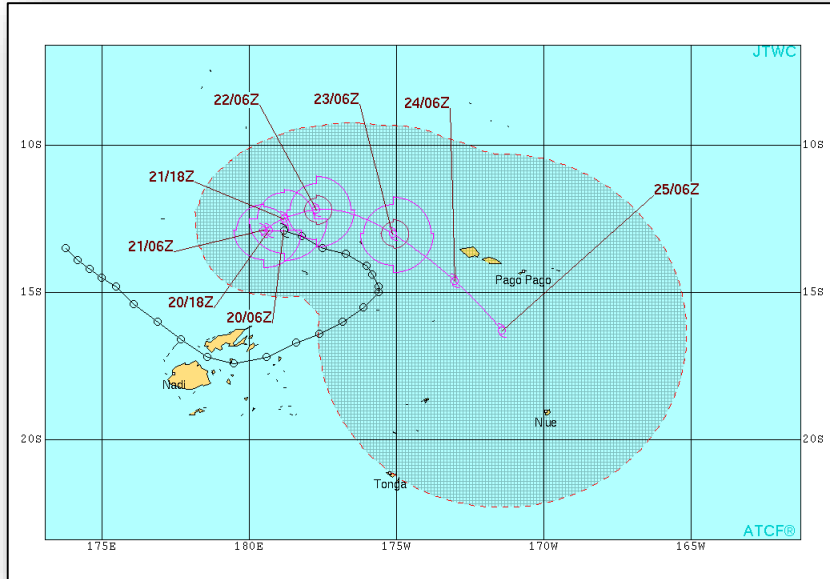
Convective Outlook Days 1-3



Hazard Outlook April 22-26

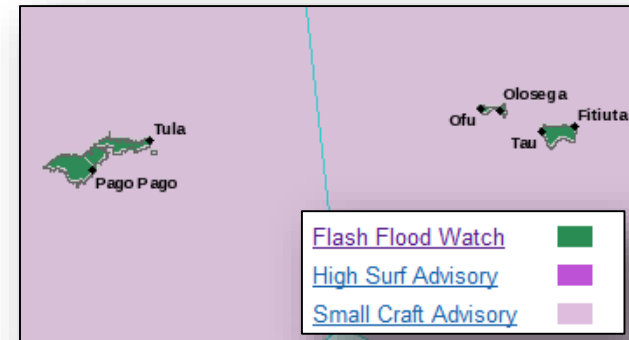


Southern Pacific – Tropical Activity



Tropical Cyclone 20P (Advisory #2 as of 5:00 a.m. EDT)
(see <http://www.usno.navy.mil/JTWC/> for updates)

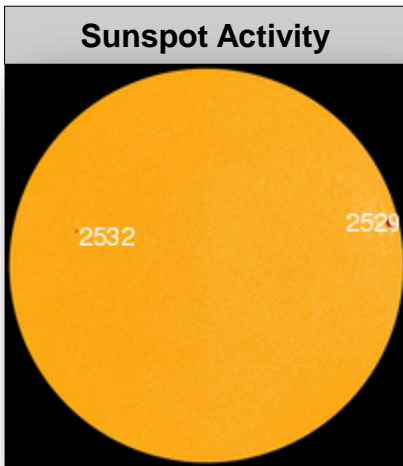
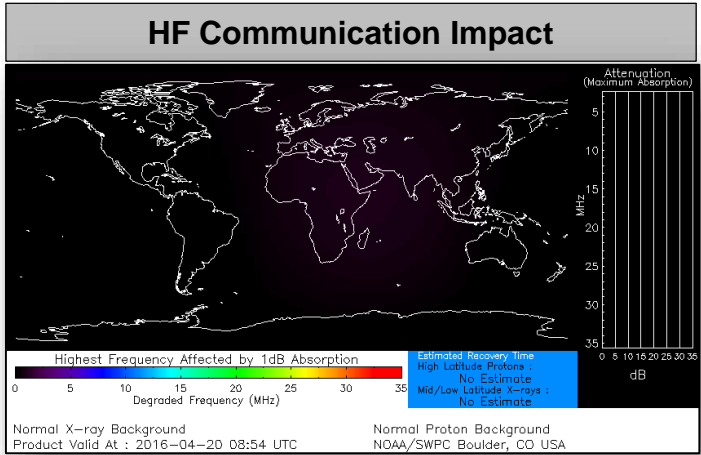
- Location: About 550 miles west of Tutuila, AS
- Movement: WNW at 7 mph
- Maximum Sustained Winds: 40 mph
- Gradual intensification over next 72 hours
- Flash Flood Watch in effect for American Samoa through Saturday



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

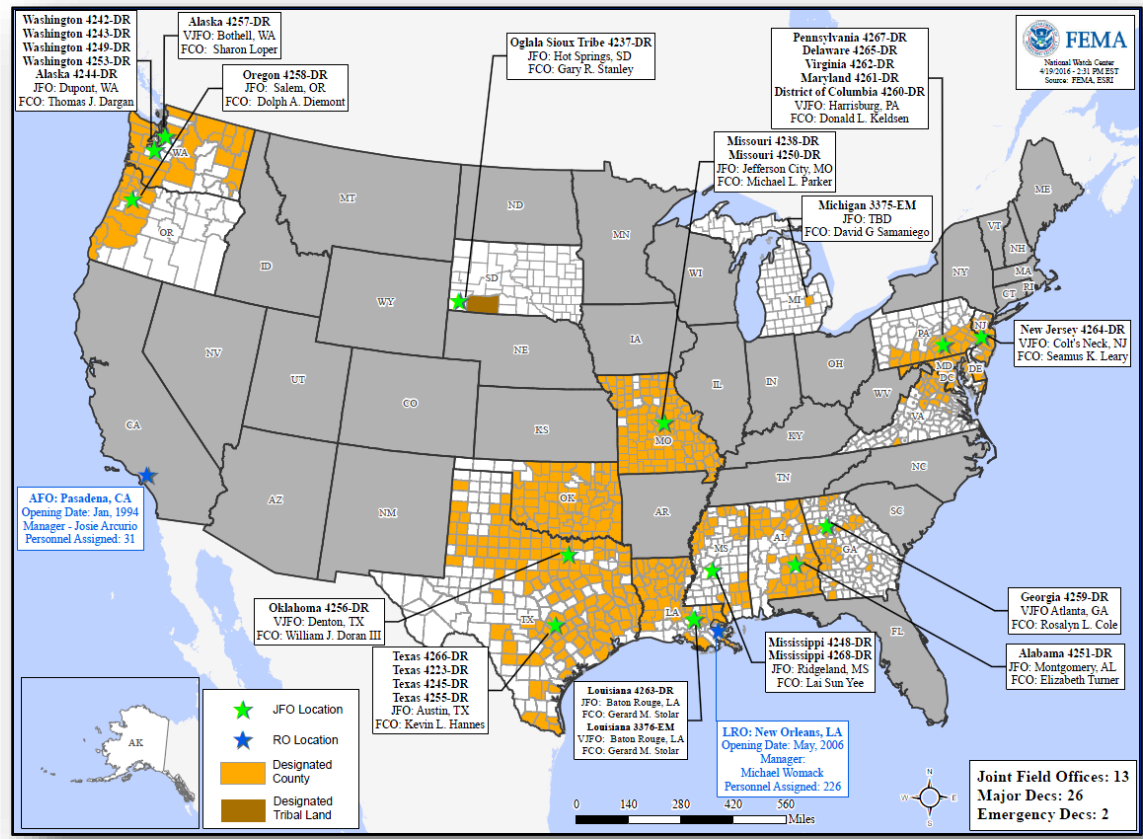


Disaster Requests & Declarations



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 20, 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	Yellow	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	Green	9	5	56%	0	0	4		
US&R	Green	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	Yellow	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	Yellow	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) On Alert: RIX Team 1 on alert for potential tropical impacts to American Samoa	<ul style="list-style-type: none"> • 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
MERS Teams	Green	18	15	83%	0	0	3	Deployed: Denton: 1 team to LA, 2 teams to TX Denver: FMC	<ul style="list-style-type: none"> • Green = >66% available • Yellow = 33% to 66% available • Red = <33% available

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	Not Activated	Region IX RRCC placed on alert for potential tropical impacts to American Samoa	
RWCs/MOCs		10	10	100%	0	0	Activated	Region IV conducting earthquake exercise Region VI RWC - Enhanced Watch, 24/7 (LNO at TX State EOC)	



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.