

FEMA National Watch Center

Daily Operations Briefing

Saturday, August 28, 2021

8:30 a.m. ET



FEMA

National Current Ops / Monitoring

New Significant Incidents / Ongoing Ops

- Wildfire Activity – Western U.S
- Hurricane Ida Preparations

Hazard Monitoring

- Severe thunderstorms possible – Central Plains to Great Lakes
- Heavy rain and flash flooding possible – Upper Mississippi Valley

Tropical Activity

- Atlantic:
 - Hurricane Ida (CAT 1)
 - Tropical Depression Ten
 - Disturbance 1: Medium (60%)
 - Disturbance 2: Medium (50%)
- Eastern Pacific:
 - Hurricane Nora (CAT 1)

Disaster Declaration Activity

- Approved: Emergency Disaster Declaration – LA
- Request: Major Disaster Declaration - NC

Event Monitoring

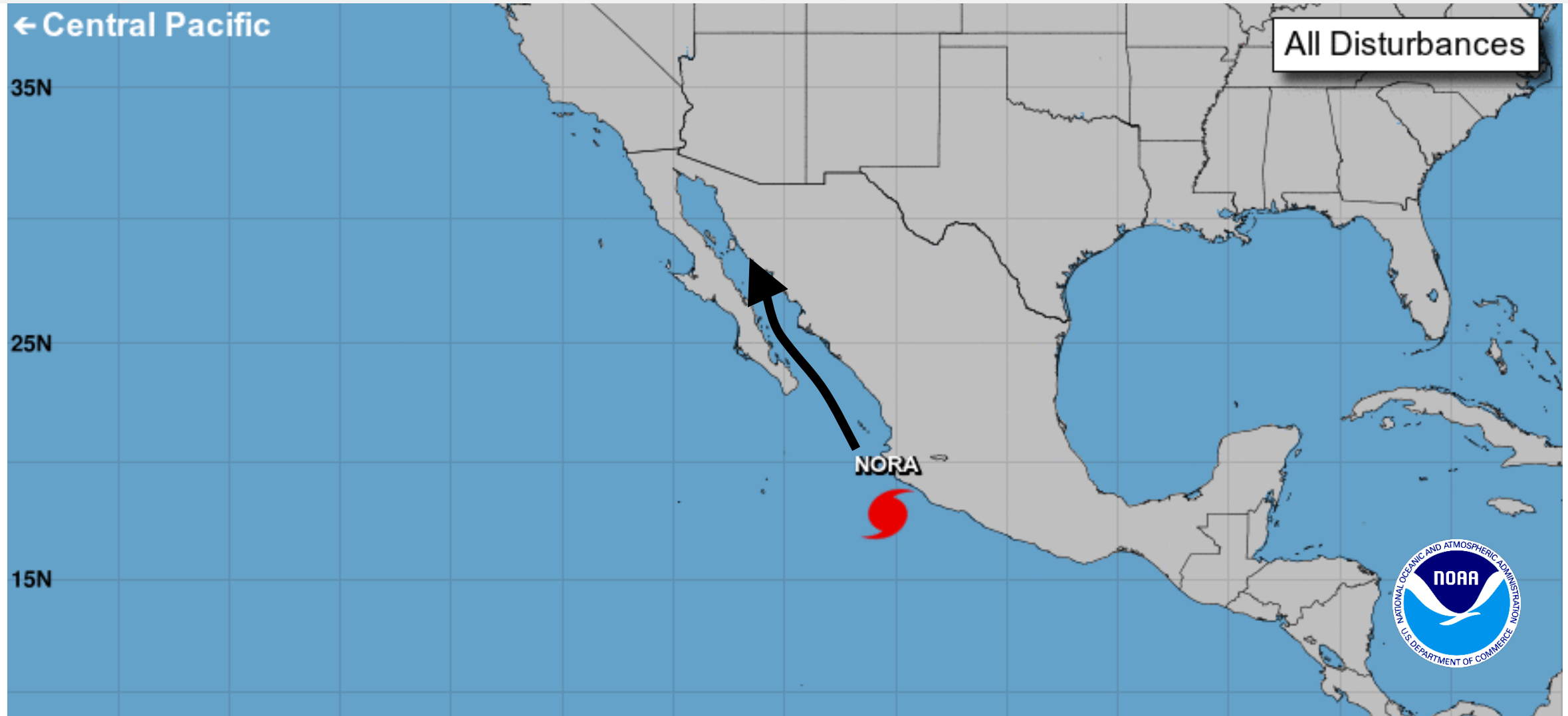
- None



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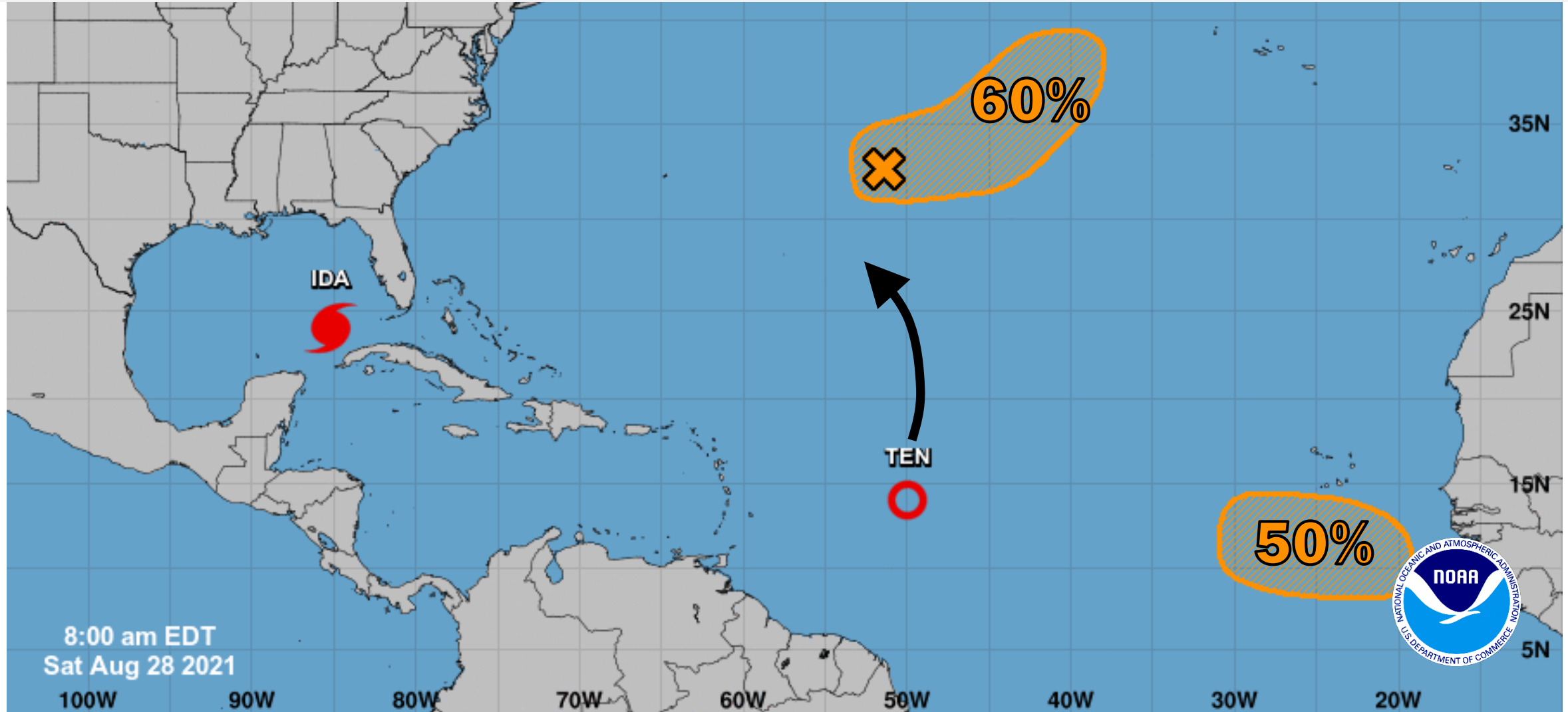
East Pacific Overview

TROPICAL OUTLOOK



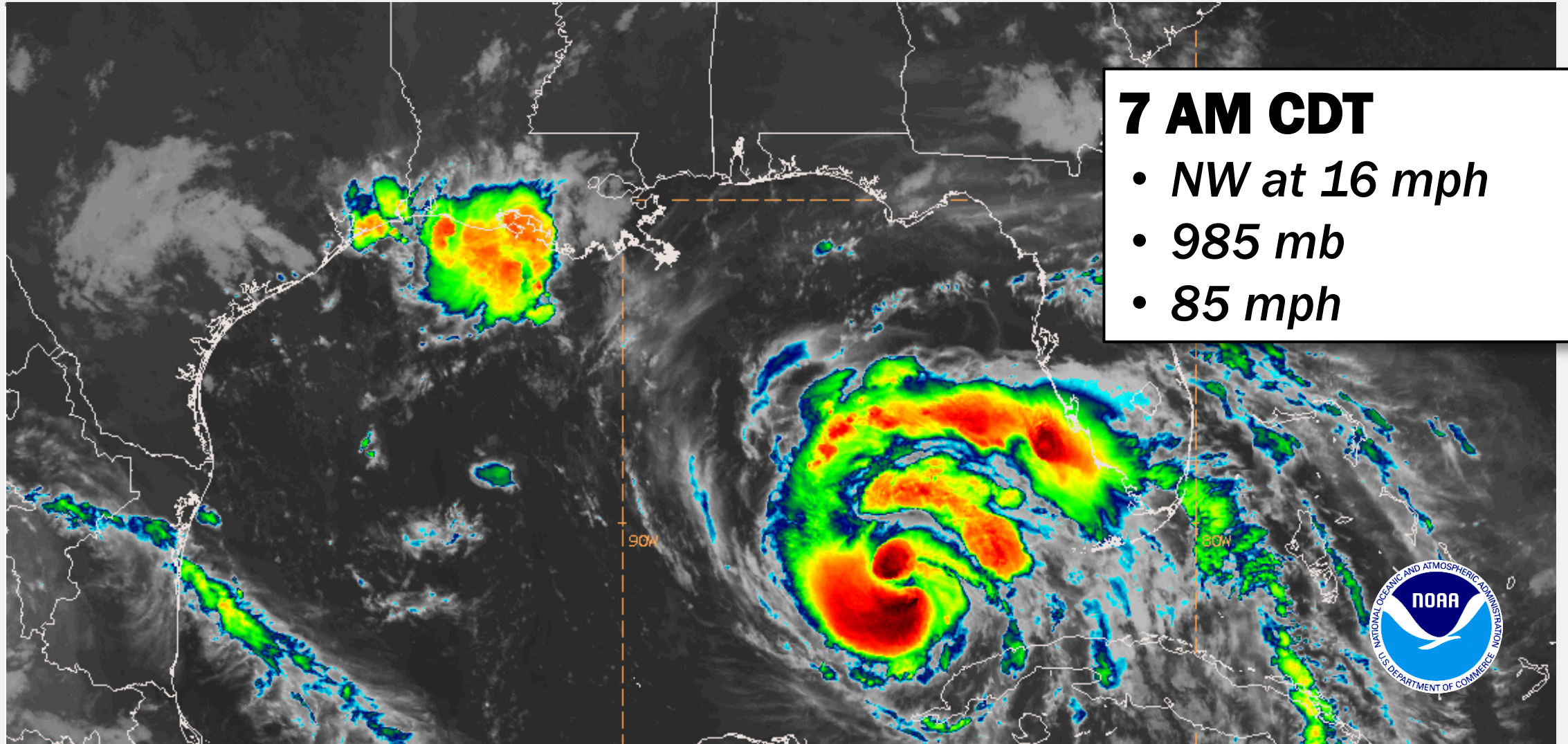
Atlantic Overview

TROPICAL OUTLOOK



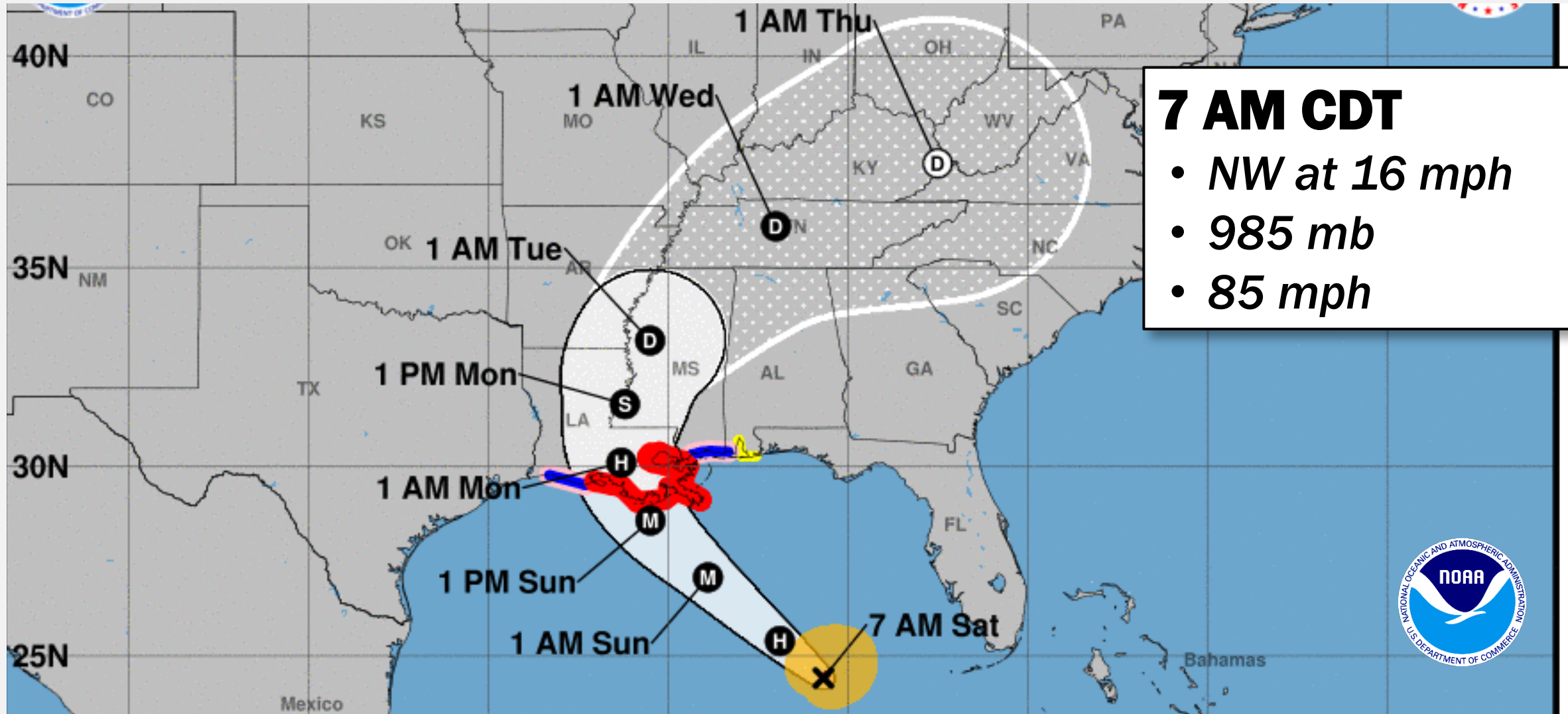
Hurricane Ida

SATELLITE LOOP



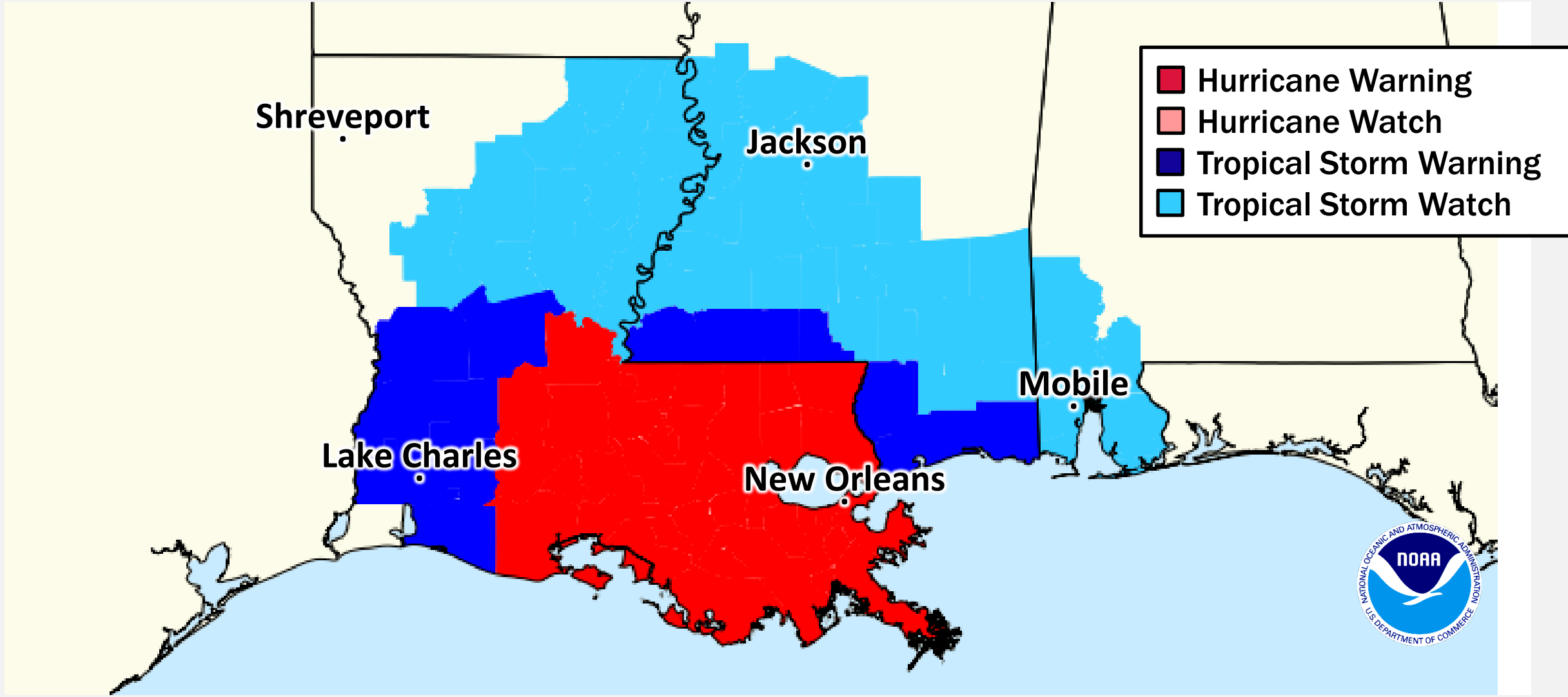
Hurricane Ida

FORECAST TRACK



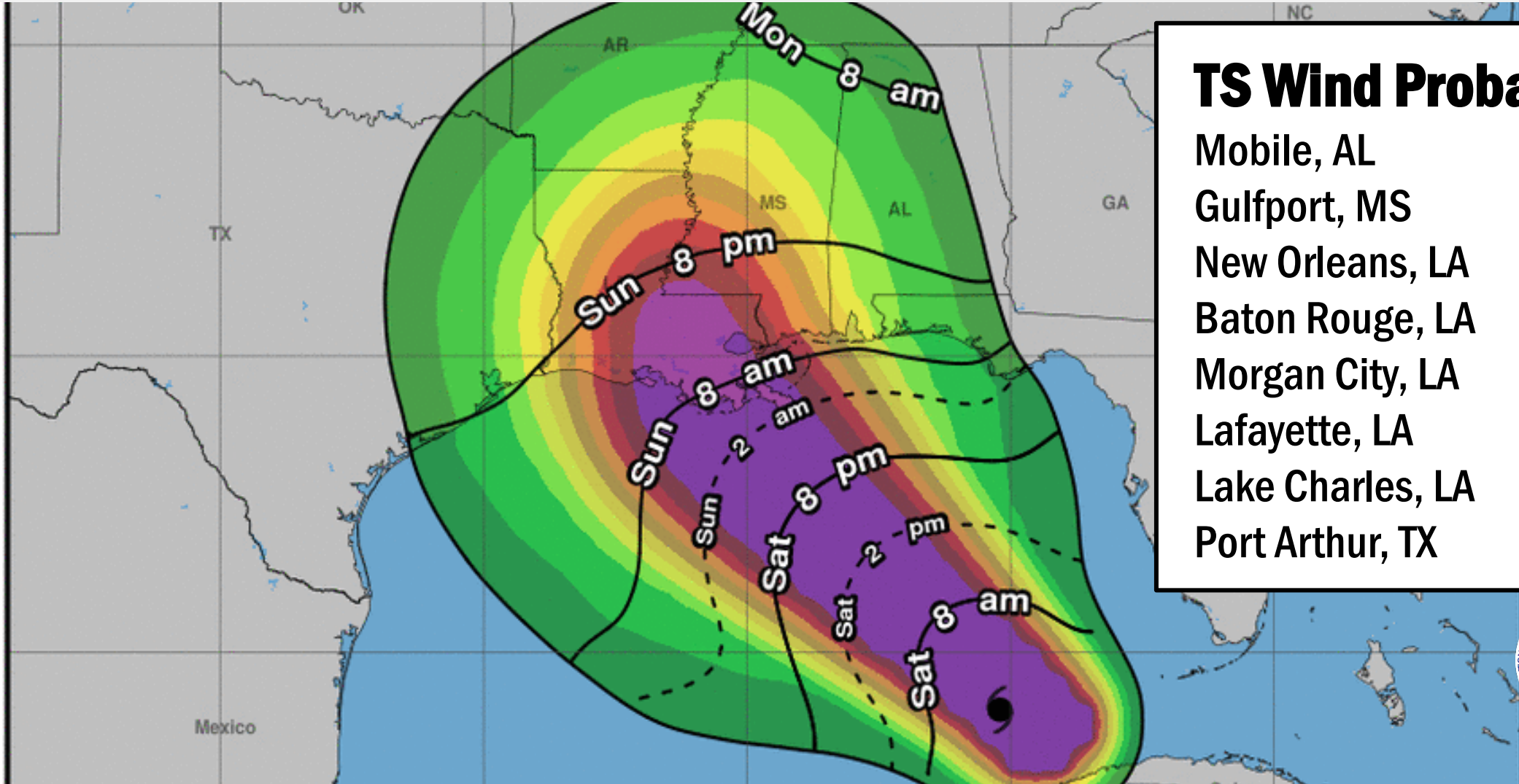
Hurricane Ida

WIND WATCHES AND WARNINGS



Hurricane Ida

MOST LIKELY ARRIVAL OF TS WINDS



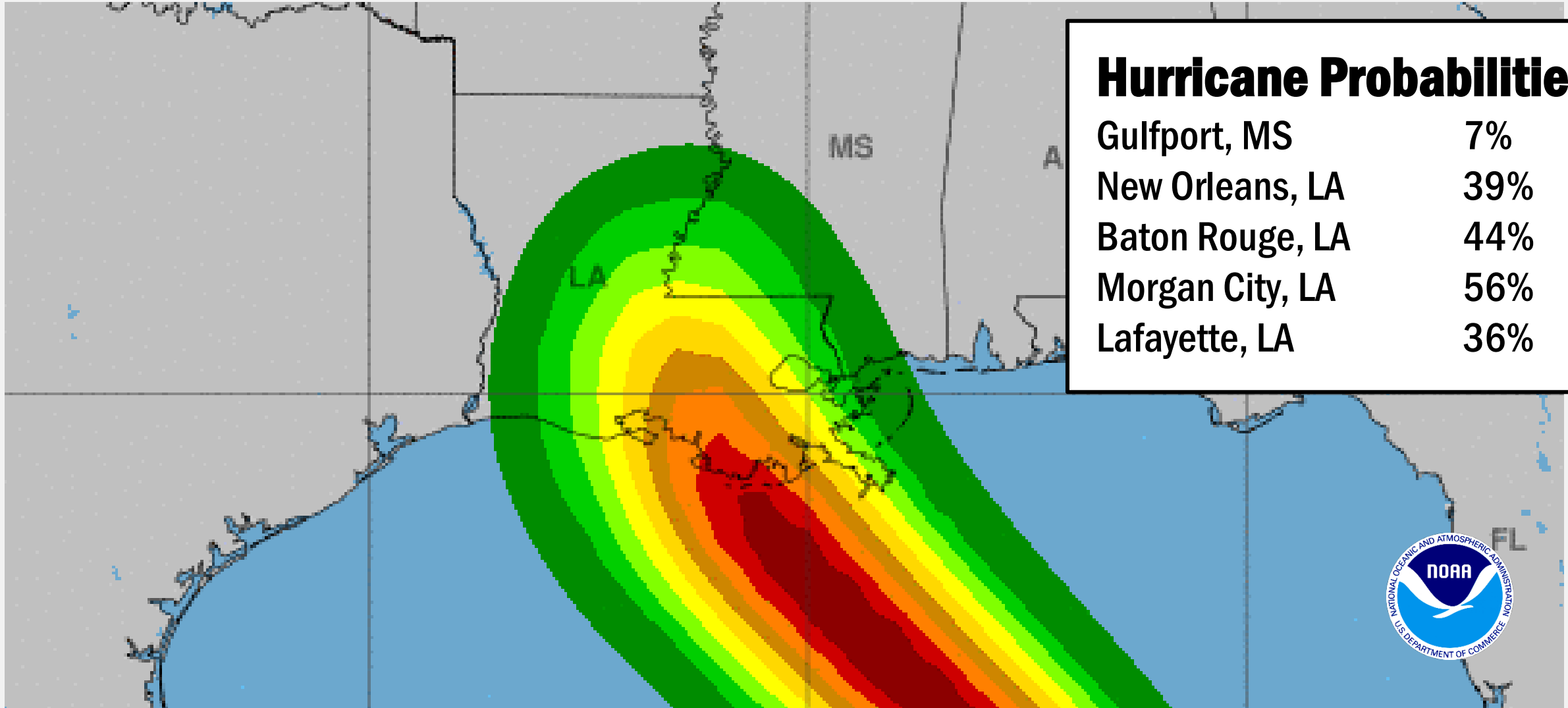
TS Wind Probabilities

Mobile, AL	45%
Gulfport, MS	68%
New Orleans, LA	93%
Baton Rouge, LA	95%
Morgan City, LA	97%
Lafayette, LA	88%
Lake Charles, LA	57%
Port Arthur, TX	35%



Hurricane Ida

HURRICANE WIND PROBABILITIES



Hurricane Probabilities

Gulfport, MS	7%
New Orleans, LA	39%
Baton Rouge, LA	44%
Morgan City, LA	56%
Lafayette, LA	36%



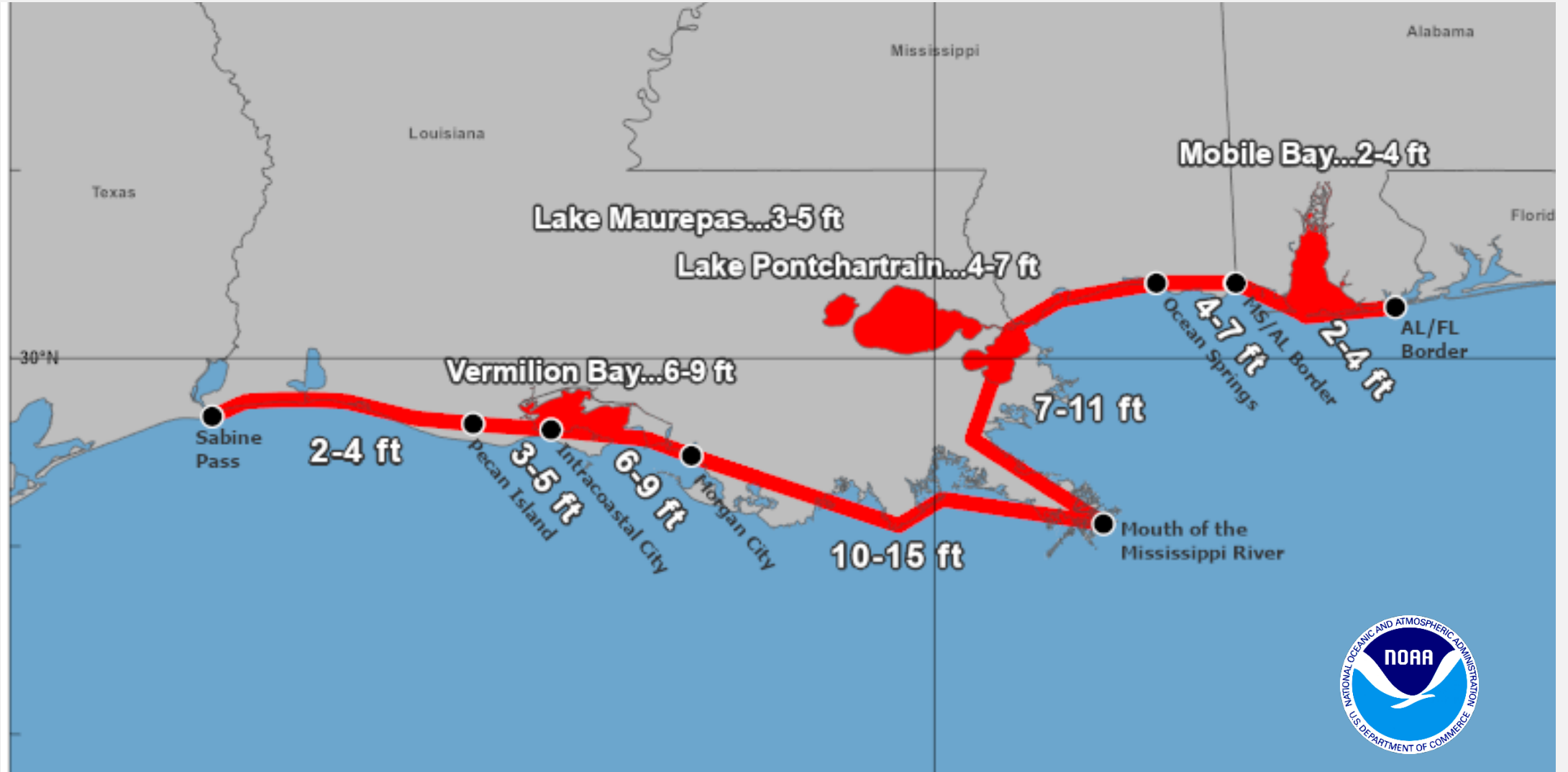
Hurricane Ida

STORM SURGE WATCH



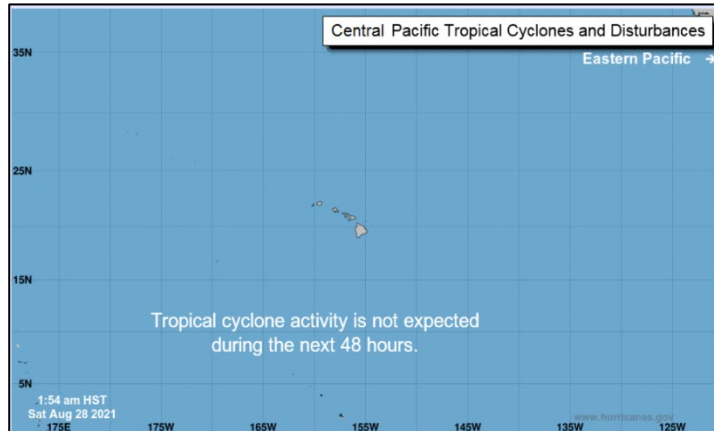
Hurricane Ida

PEAK STORM SURGE FORECAST



Tropical Outlook – Five Day

Central Pacific



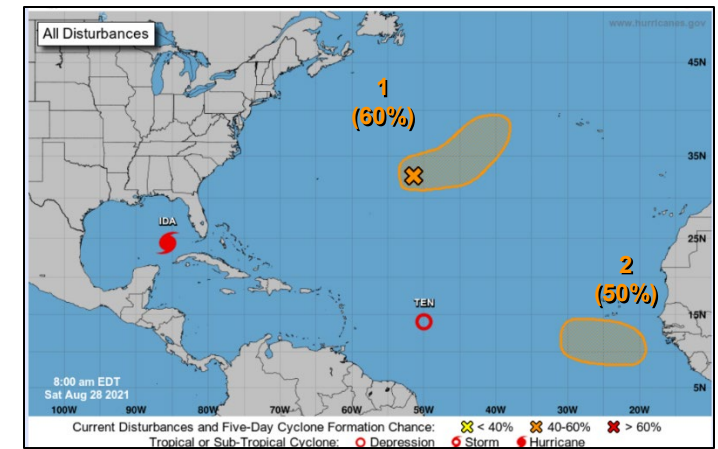
Eastern Pacific



Hurricane Nora (CAT 1) (Advisory #11A as of 8:00 a.m. ET)

- 180 miles S of Cabo Corrientes, Mexico
- Moving NNW at 10 mph
- Maximum sustained winds 75 mph
- Forecast to approach and move into the Gulf of California on Sunday and Monday
- Hurricane-force winds extend 35 miles

Atlantic



Hurricane Ida (CAT 1) (Advisory #8 as of 5:00 a.m. ET)

- See next slide

Tropical Depression Ten (Advisory #1 of 5:00 a.m. ET)

- 820 miles ESE of Leeward Islands
- Moving NNW at 7 mph
- Expected to become a tropical storm later today

Disturbance 1 (as of 8:00 a.m. ET)

- Located over central Atlantic
- Tropical depression could form in the next couple of days
- Formation chance 48 hours: Medium (60%); 5 days: Medium (60%)

Disturbance 2 (as of 8:00 a.m. ET)

- Expected to emerge off the coast of west Africa by the middle of next week
- Formation chance: 48 hours: Low (near 0%); 5 days: Medium (50%)



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National Watch Center

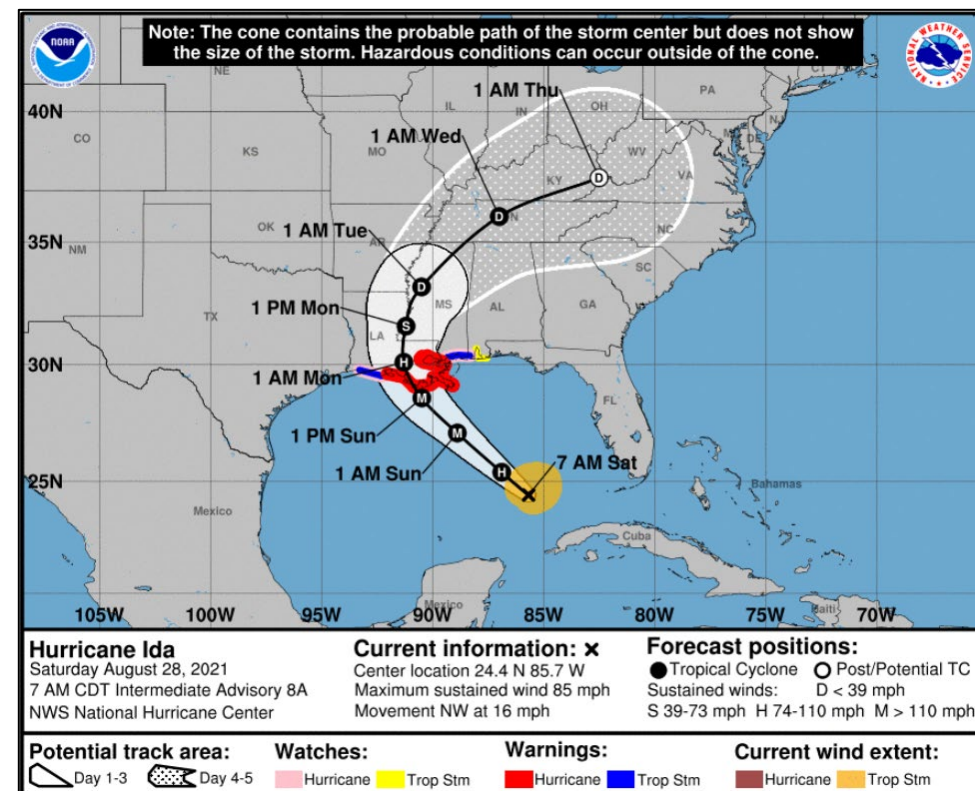
Hurricane Ida – Atlantic

Situation: (Advisory #8A as of 8:00 a.m. ET)

- 440 miles SSE of New Orleans, LA
- Moving NW at 16 mph
- Maximum sustained winds 85 mph (CAT 1)
- Expected to make landfall along the U.S. northern Gulf coast on Sunday, then move inland through portions of LA or western MS later on Monday
- Rapid strengthening is forecast during the next 24-35 hours; expected to be an extremely dangerous major hurricane when it approaches the northern Gulf coast on Sunday; weakening expected after landfall
- Hurricane-force winds extend 25 miles;
- Rainfall: 8 to 16 inches with isolated maximum amounts of 20 inches possible across southeast LA and southern MS through Monday; 4 to 8 inches from northeastern LA and central MS into the Tennessee Valley later on Monday

Storm Surge - Heights above ground

- Morgan City, LA to Mouth of the Mississippi River: 10-15 ft
- Mouth of the Mississippi River to Ocean Springs, MS including Lake Borgne: 7-11 ft
- Intracoastal City, LA to Morgan City, LA including Vermilion Bay: 6-9 ft

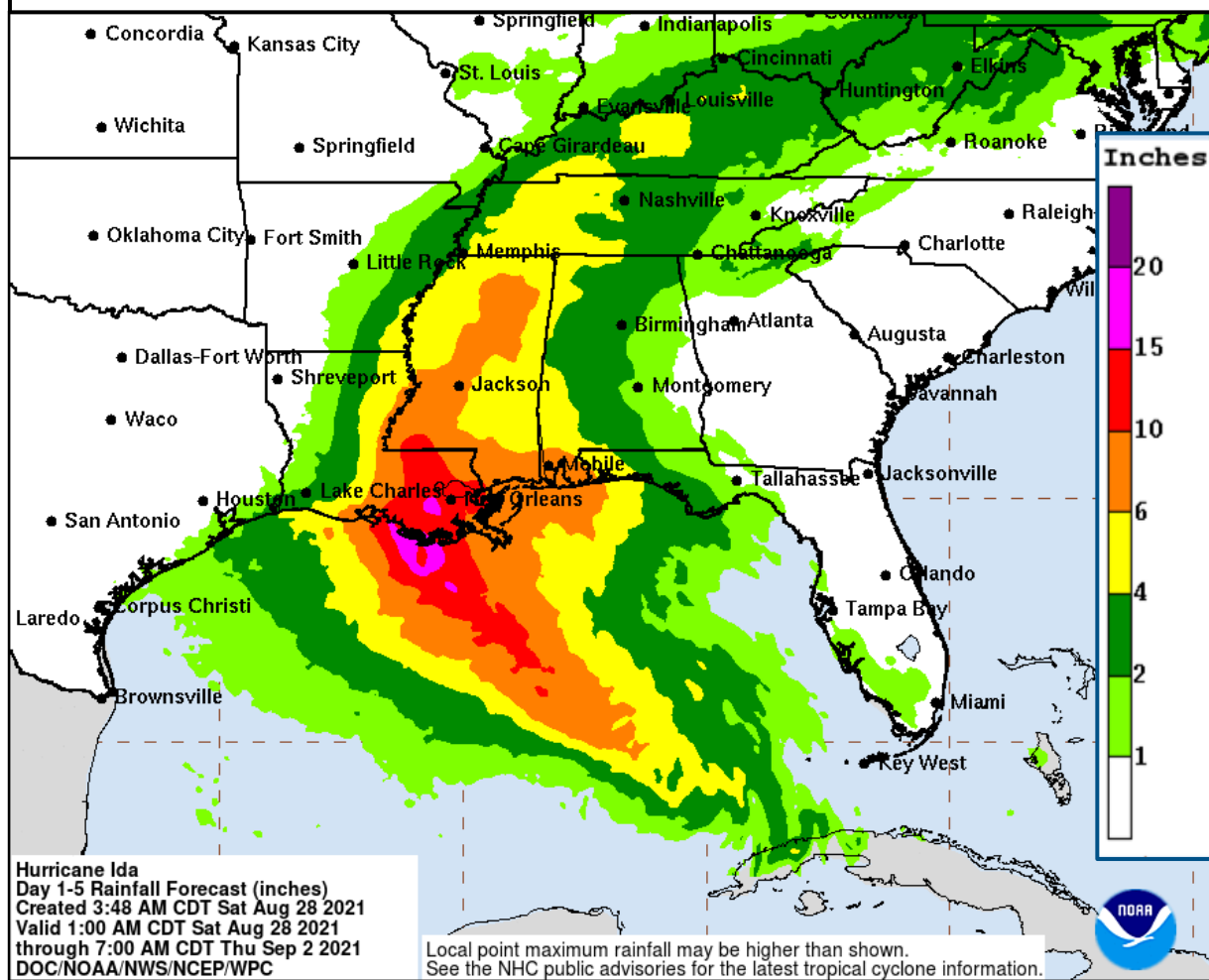


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NWS Weather Prediction Center

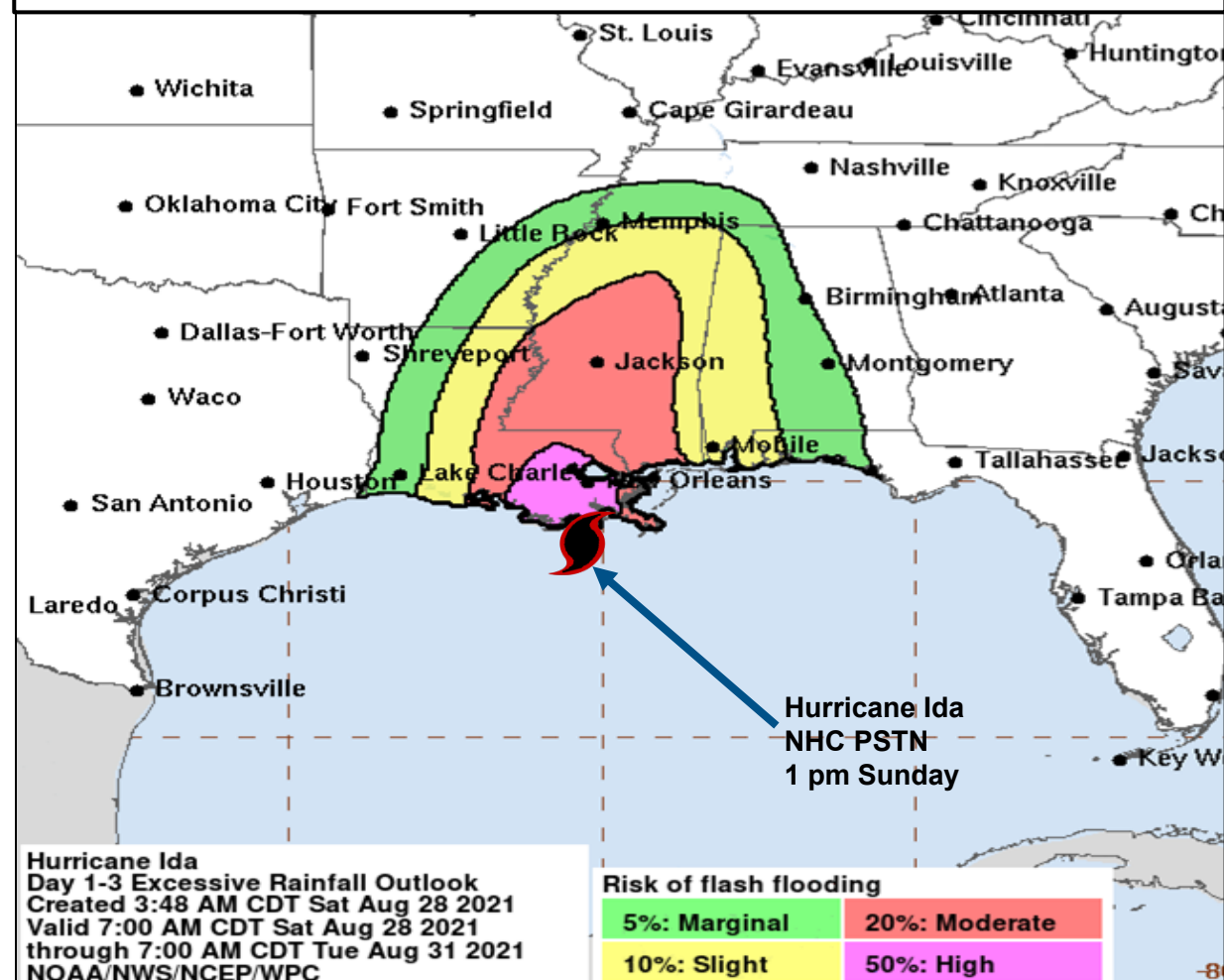
Updated 6 am EDT, Saturday, August 28, 2021

5-Day Rainfall Forecast through Early Thu. Sep. 2



Total rainfall of 8 to 16 inches with isolated maximum amounts of 20 inches are possible from southeast Louisiana and southern Mississippi through Monday. Heavy rain will spread across Tennessee Valley Tue-Wed.

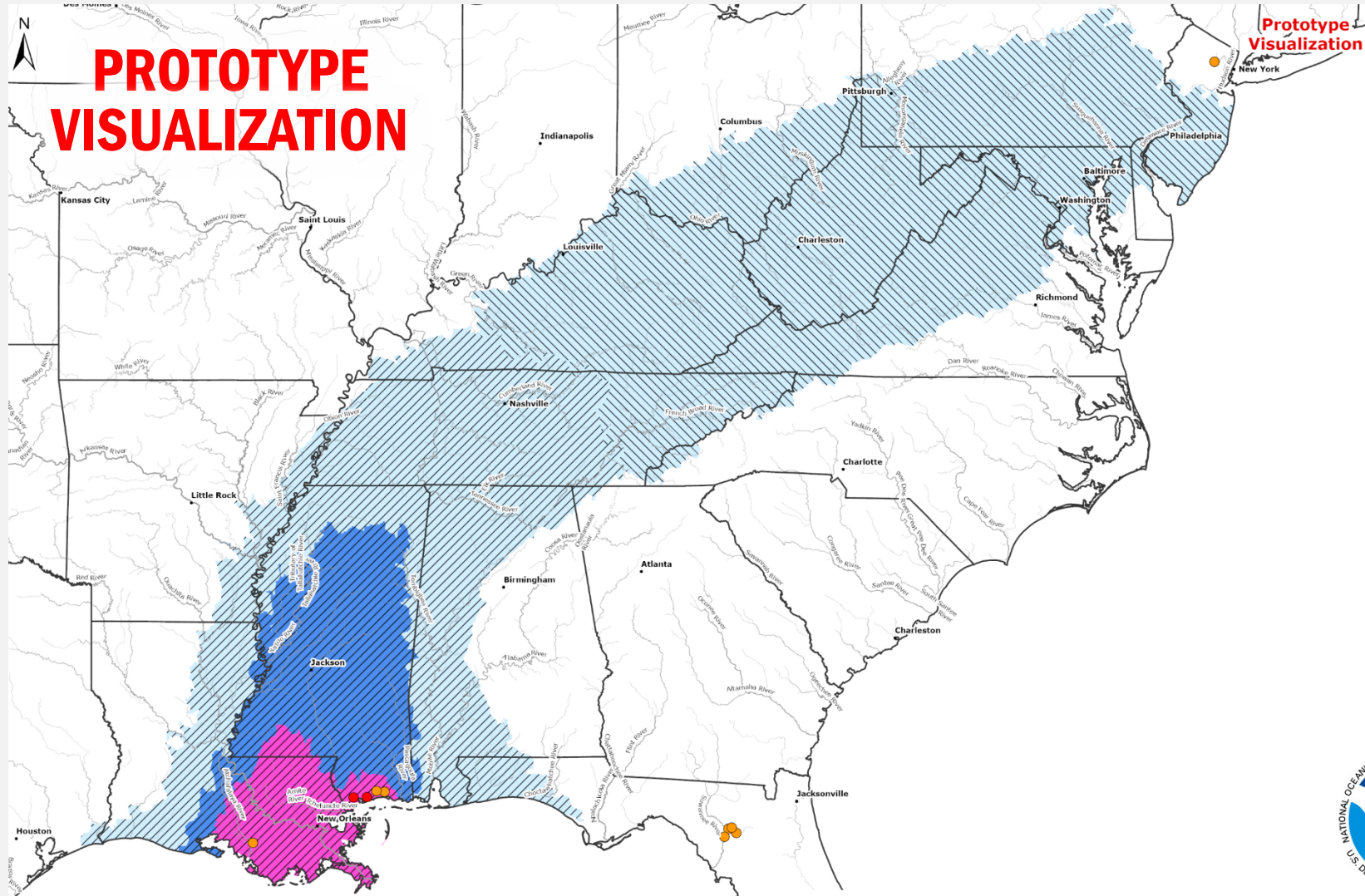
Excessive Rainfall / Flash Flood Risk thru Tue. Aug. 31



These rainfall amounts will likely result in significant flash and riverine flooding. (Most extreme rainfall and significant impacts are likely in High Risk area Monday through Tuesday morning.)

Hurricane Ida

7-DAY FLOOD HAZARD OUTLOOK



Potential Flooding Impacts

Catastrophic

Considerable

Limited

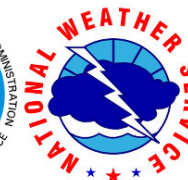
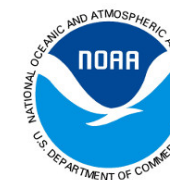
Timing



DAYS 1-3



DAYS 4-7



Hurricane Ida – Preparations

Situation: Hurricane Ida is forecast to become a major hurricane before impacting the U.S. Gulf Coast. Life threatening storm surge is possible for coastal LA, MS and AL. Total rainfall accumulations of 8-16 inches, isolated maximum 20 inches, possible for southeast LA to coastal MS and LA through Monday morning.

Lifeline Impacts:

- Safety and Security: LA: 5 parishes issued mandatory evacuations for coastal zones; 3 parish prisons evacuated
 - 96 of 99 major pumps operational;
- Food, Water, Shelter: MS: will open 19 shelters that follow COVID protocols
- Health and Medical: LA: 1 nursing home evacuated but they don't anticipate evacuating any hospitals - all have back-up generators and fuel and can evacuate to higher floors in their building; 50 surge ambulances coming from FEMA
- Energy: No fuel supply issues but evacuations and use by responders may draw on the supply
- Transportation: Ports are open but may start closing as early as today

State/Local Response:

- LA EOC at Level III Partial Activation (COVID and tropics); will go to Level II Partial Activation at 9:00 a.m. ET; Governor declared State of Emergency; activated 2,500 National Guard personnel
- TX EOC at Partial Activation (COVID-19 and tropics)
- OK EOC will activate to Monitoring at 1:00 p.m. ET (in anticipation of request from LA for support)
- MS EOC at Partial Activation (COVID-19); expected to activate Aug 29 for Ida, activated National Guard rescue teams
- FL EOC at Normal Operations will go to enhanced watch today
- AL EOC at Normal Operations, will go to enhanced posture on Sunday, August 29; 100 National Guard personnel activated

Federal/FEMA Response:

Region VI:

- RRCC at Level III; will go to Level I, day shift only, with all ESFs at 9:00 a.m. ET, and Level I, 24/7 at 9:00 p.m. ET Sunday, Aug 29
- IMAT-1 deployed to IOF in Baton Rouge, LA; IMAT-2 may move to Austin, TX; TRO will be used for IOF

Region IV:

- RRCC activated to Level II day shift only, with all ESFs, DCE and USCG
- IMAT-1 deploying to MS; IMAT-2 remains deployed to TN (flooding)

FEMA HQ:

- Emergency Declaration FEMA-3568-EM-LA approved August 27
- NRCC at Level I day shift with all ESFs and LNOs, Level III night shift
- National IMAT Red and White, and Region VII IMAT deployed to LIRO in Baton Rouge, LA
- National IMAT Blue deployed to MS EOC in Pearl, MS
- Region VIII IMAT deployed to Atlanta, GA (Region IV RRCC)
- Logistics:
 - ISB Alpha Team deployed to England AFB, Alexandria, LA
 - ISB Bravo Team deployed to Craig Field, Selma, AL
 - ISB to Camp Beauregard-Esler Airfield, Pineville, LA
 - SMT Atlanta deployed to Maxwell AFB, Montgomery, AL
 - SMT Puerto Rico deploying to Texarkana, AR
 - ISB established in England Park, Alexandria, LA; Camp Beauregard/Esler is additional FSA if needed
- US&R:
 - Deployed to Region VI: (1) White IST to Baton Rouge, LA, (2) Type 1 task forces (TX-TF1, MO-TF1) to England Air Park, Alexandria, LA; (6) Type 3 task forces (IN-TF1, OH-TF1, NE-TF1, VA-TF2, MD-TF1, CO-TF1) to England Air Park, Alexandria, LA
 - Deployed to Region IV: (1) Type 1 (FL-TF2), (1) Type 3 ((FL-TF1) to Maxwell AFB, Montgomery, AL; (1) Type 1 (PA-TF1), (1) Type 3 (NJ-TF1) to Craig Field Airport, Selma, AL
 - On alert: (1) Type 1 (NY-TF1) and (2) Type 3 (MA-TF1, NV-TF1)
- ISB/FSA established in England Air Park, Alexandria, LA
- SMT Atlanta deploying to ISB in Alexandria, LA
- Camp Beauregard/Esler is additional FSA if needed
- MERS: Frederick MERS to support Region VI or IV; deploying MEOV and EOY to Baton Rouge, LA; deploying IRV and LMR tower to Barksdale, AFB, LA to support US&R



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Hurricane Ida - Atlantic



Location	FEMA Personnel Deployed In Affected Area	FEMA Personnel Deployed In Support of Ida
Alabama	79	0
Florida	213	1
Georgia	467	120
Louisiana	703	114
Mississippi	152	44
Texas	706	58
NRCC (DC)		81
Virtual		32
TOTAL	2320	445

MERS:

- Frederick MERS to support Region VI or IV
- Deploying EO to Pearl, MS
- Deploying MEOW and LMR tower to Barksdale, AFB, Shreveport, LA to support US&R

Hurricane Ida Force Laydown

Forecast Error Cone

- 5 Day Cone

Forecast Position

- Tropical Depression
- Tropical Storm
- Hurricane
- Major Hurricane

Observed Track

- Disturbance
- Tropical Depression
- Tropical Storm
- Hurricane
- Hurricane Warning
- Hurricane Watch

Watches/Warnings

- Hurricane Warning
- Hurricane Watch

Forecast Track

- Incident Support Base (ISB)
- Pre-Positioned Sites (PPS)
- Federal Staging Area
- Distribution Center
- Temporary Housing Storage Site
- State Activation Levels

Additional Assets

- Activated USAR Locations
- Joint Field Office
- MERS Detachments
- Incident Management Assistance Team (IMAT)
- Staging Management Team
- FEMA Headquarters
- FEMA Regional Offices
- Open Shelters

State Activation Levels

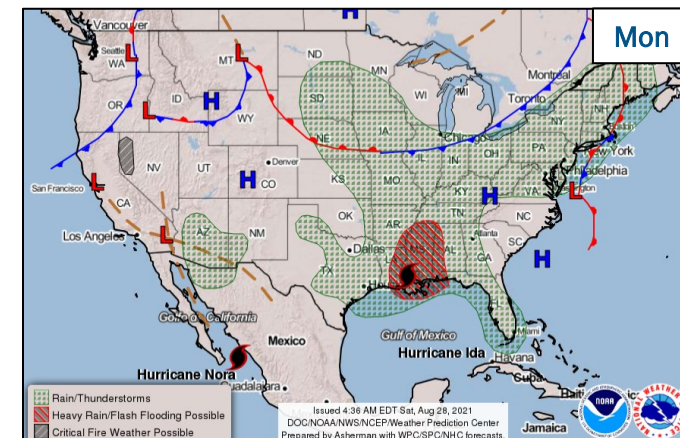
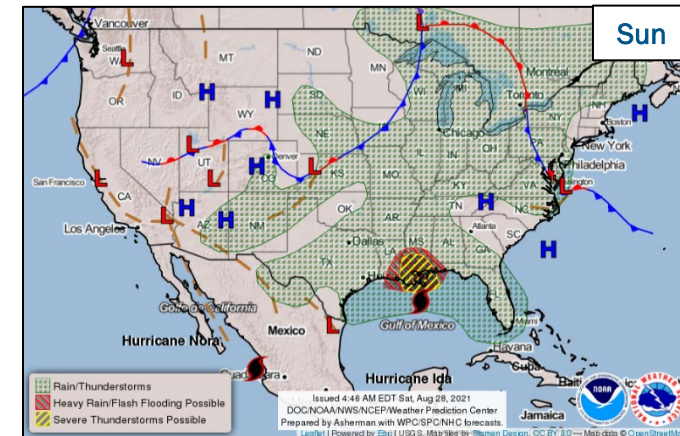
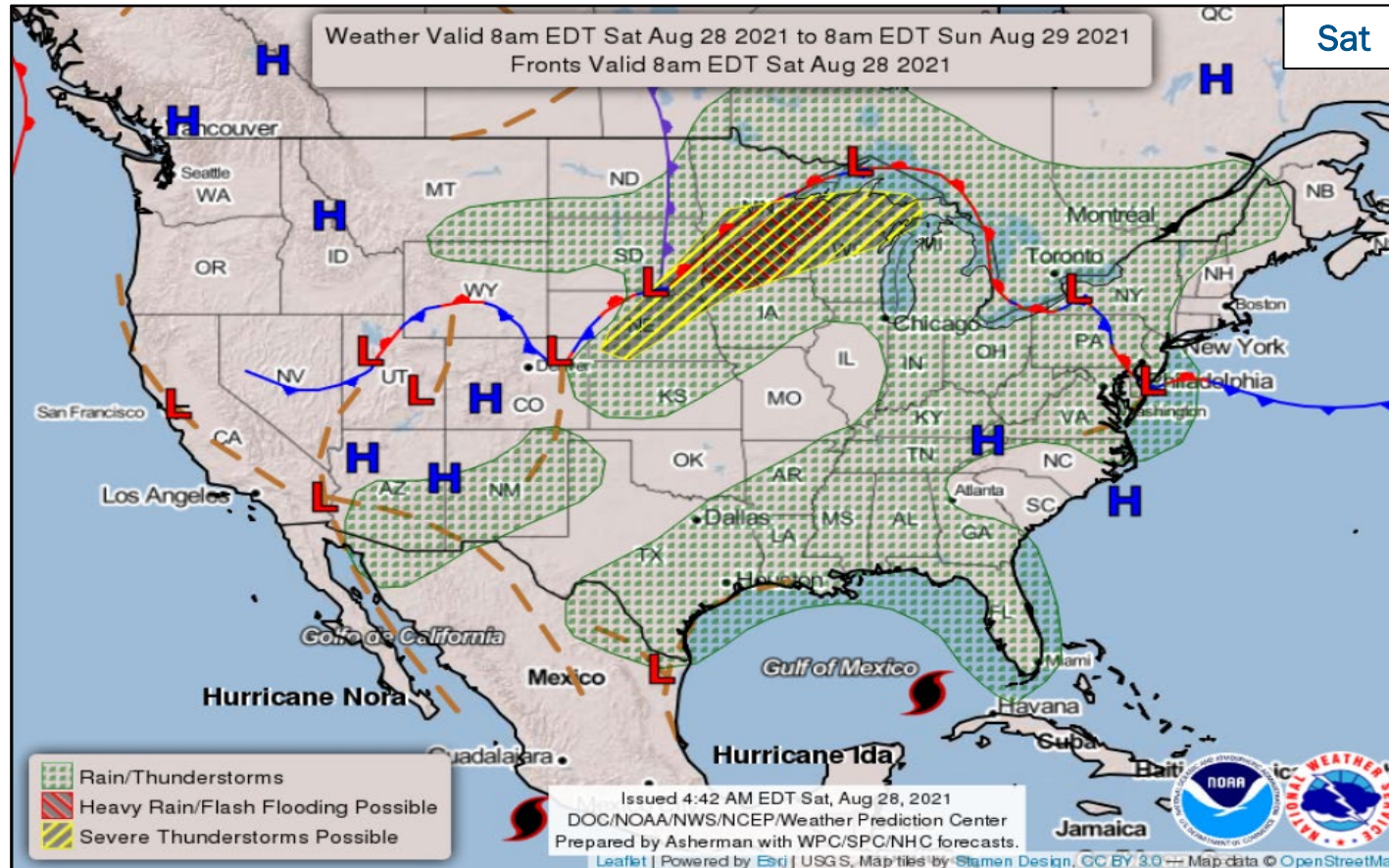
- Full
- Monitoring
- Partial

Prepared by: NWC GIS



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National Weather Forecast



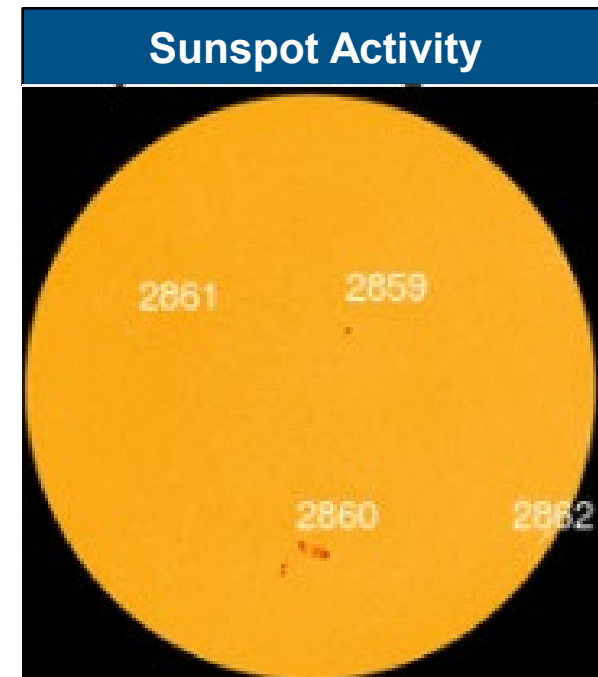
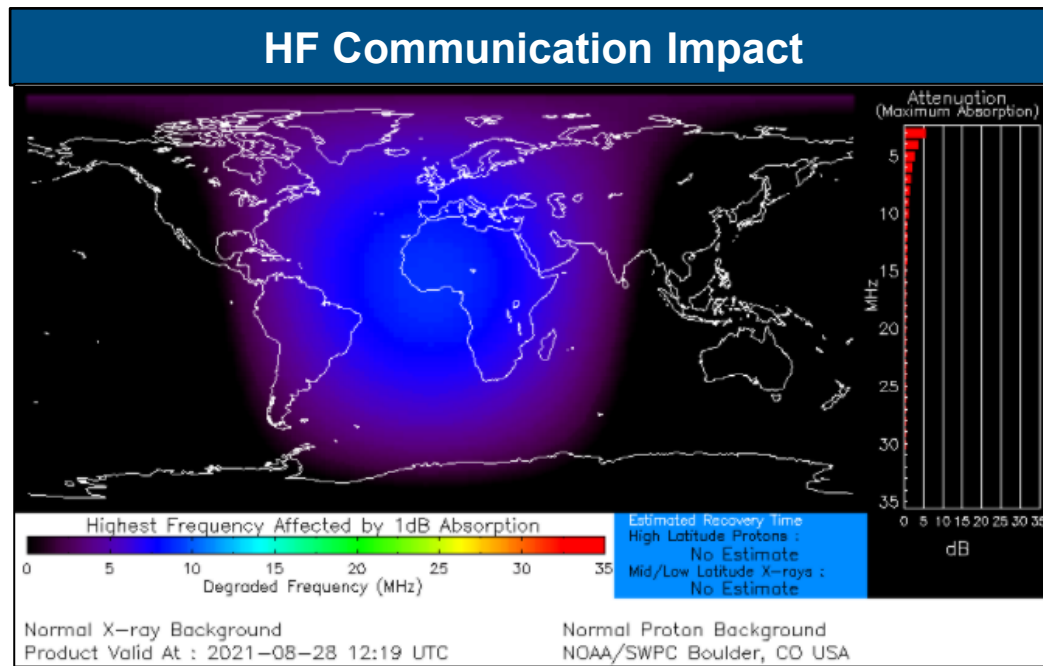
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Space Weather Outlook

	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	Minor	G1	None	R1
Next 24 Hours	Minor	G1	None	None

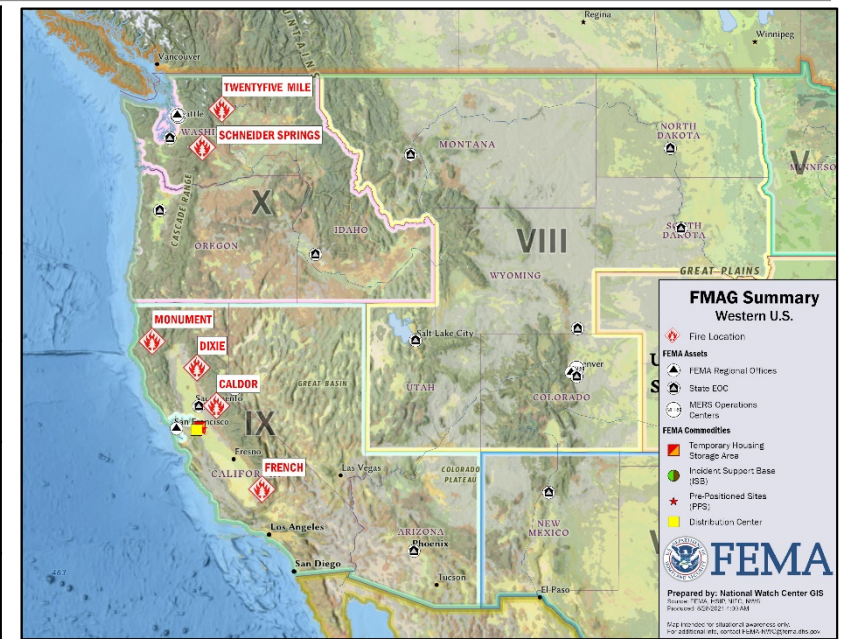
For further information on NOAA Space Weather Scales refer to: <http://www.swpc.noaa.gov/noaa-scales-explanation>
 For further information on Sunspot Activity refer to: <https://www.swpc.noaa.gov/phenomena/sunspotsolar-cycle>



FEMA

Wildfire Summary

Fire Name (County, ST)	FMAG #	Acres Burned	Percent Contained	Evacuations	Structures (Homes / Other)			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
Dixie (Plumas, CA)	5400-FM-CA	752,920 (+3,207)	47% (+2)	M: 2,725 (-95) V: 0	H: 11,802 (-164) O: 31	H: 56 O: 36	H: 698 O: 575	0 / 6
Monument (Trinity, CA)	5412-FM-CA	160,148 (1,591)	22% (+2)	M: 2,000 V: 0	H: 5,780 O: 4,800	H: 3 O: 0	H: 20 O: 30	0 / 6 (+1)
Caldor (El Dorado, CA)	5413-FM-CA	145,463 (+5,953)	19% (+7)	M: 34,313 V: 0	H: 17,827 O: 520	H: 25 (+2) O: 14	H: 469 O: 181	0 / 2 (+2)
French (Kern, CA)	5416-FM-CA	23,594 (+1,120)	19%	M: 3,404 (-97) V: 0	H: 2,094 O: 2,957	H: 1 (+1) O: 2 (+2)	H: 12 (+3) O: 21 (+13)	0 / 7
Twentyfive Mile (Chelan, WA)	5414-FM-WA	11,167 (+51)	31% (+7)	M: 1,028 V: 0	H: 688 O: 84	H: 0 O: 0	H: 1 O: 12 (+2)	0 / 2
Schneider Springs (Yakima, WA)	5415-FM-WA	75,055 (+1,652)	8%	M: 240 V: 0	H: 0 O: 0	H: 0 O: 0	H: 0 O: 0	0 / 6 (+2)



(Evacuations: M = Mandatory / V = Voluntary; Structures: H = Homes and Mixed Commercial/Residential / O = Non-residential Commercial/Other Minor Structures)



FEMA

Caldor Fire – California

Fire Name (County, ST)	FMAG #	Acres Burned	Percent Contained	Evacuations	Structures (Homes / Other)			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
Caldor (El Dorado, CA)	5413-FM-CA	145,463 (+5,953)	19% (+7)	M: 34,313	H: 17,827	H: 25 (+2)	H: 469	0 / 2 (+2)
				V: 0	O: 520	O: 14	O: 181	

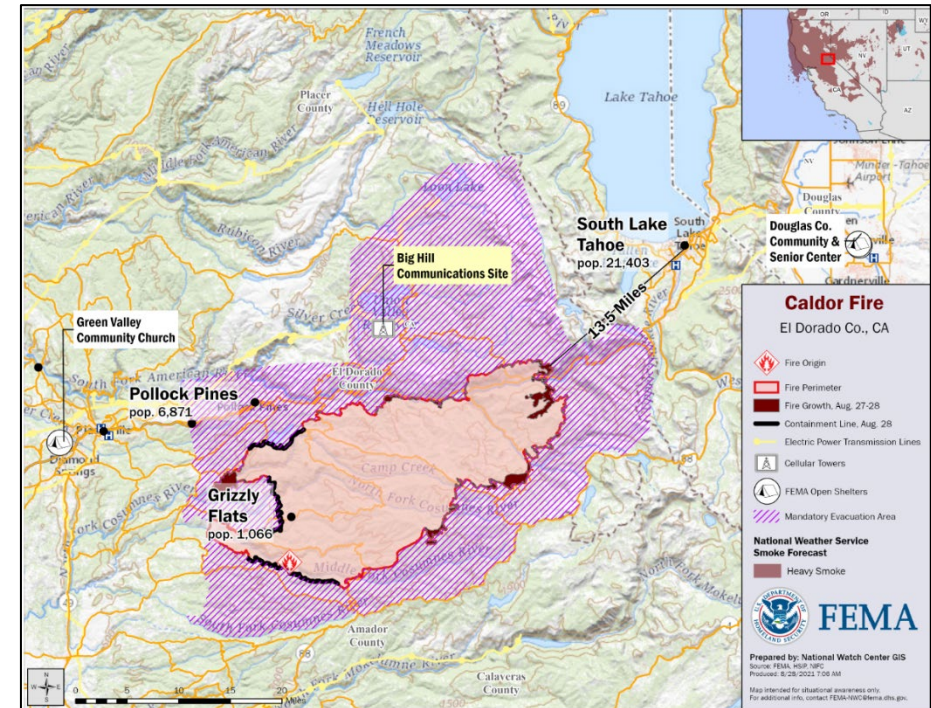
Situation: The Caldor Fire continues to grow. Steep and rugged terrain, critically dry fuel conditions, and lack of adequate resources have presented control challenges. Firefighters are continuing with the firing operations to strengthen control lines, but fire conditions remain active.

Impacts:

- Substantial critical utility infrastructure damage and destruction in the Grizzly Flats area
- PG&E distribution/transmission lines, distribution substations, telecom towers, and fiber optic resources threatened
 - Provides power to thousands of customers in El Dorado/surrounding areas; value of assets estimated to be \$11M
 - Approximately 3k (2.5% of county) customers currently without power (DOE Eagle-I as of 6:45 a.m. ET, Aug 28)
- Grizzly Flats water storage/distribution infrastructure threatened; 1.2k customers potentially impacted
- HWY 50 is closed from Sly Park to the Hwy 50/Hwy 89 junction; HWY 50 is a major Trans-Sierra HWY vital to emergency evacuation (Region IX Daily Wildfire 209 Summary, Aug 27)
- 4 evacuation centers established; the one in Cameron Park CSD is full (ICS-209 as of 9:00 p.m. ET, Aug 27)
- USDA Forest Service, Pacific Southwest Region, closed 9 national forests through Sep 6

Response:

- Total personnel assigned: 3,173 (ICS-209 as of 9:00 p.m. ET, Aug 27)
- 60% (+5) of perimeter inspected; damage inspections in progress (ICS-209 as of 9:00 p.m. ET, Aug 27)
- Anticipated containment date: September 8 (ICS-209 as of 9:00 p.m. ET, Aug 27)
- Firefighting air tankers throughout state are flying suppression missions
- 15 shelters open with 515 occupants statewide due to wildfires (ARC Midnight Shelter Count as of 7:50 a.m. ET)
- Region IX IMAT-2 and LNO deployed to CA EOC in Sacramento



FEMA

Joint Preliminary Damage Assessments

Region	State / Location	Incidents	IA	Number of Counties		Start - End
			PA	Requested	Complete	
I	NH	Severe Storms and Flooding Jul 29-30	IA	0	0	N/A
			PA	2	0	TBD - TBD
		Severe Storms and Flooding Jul 17-19	IA	0	0	N/A
			PA	3	1	8/4 - TBD
	MA	Severe Storms and Flooding Jul 16-21	IA	0	0	N/A
			PA	5	0	8/10 - TBD
IV	NC	Severe Weather Aug 16	IA	3	0	8/25 - TBD
			PA	7	0	8/25 - TBD
V	Red Lake Nation	Tornado Jul 26	IA	1	0	8/30 - TBD
			PA	1	0	8/30 - TBD
VIII	UT	Flooding Jul 15-Aug 19	IA	7	0	8/24 - 9/7
			PA	7	0	8/24 - 9/7
	MT	Richard Spring Wildfire Jun 15 and continuing	IA	0	0	9/7 - 9/10
			PA	3	0	9/7 - 9/10
IX	CA	August Wildfires	IA	8	5	8/11 - TBD
			PA	8	2	8/11 - TBD



FEMA

Declaration Approved – Louisiana

Declaration Type: Emergency Declaration

Date Requested: Aug 26

Date Approved: Aug 27

Incident: Tropical Storm Ida

Incident Period: Aug 26, 2021 and continuing

Provides:

- **PA:** Emergency protective measures (Category B), including direct federal assistance at 75 percent federal funding, for all 64 parishes

FCO: John E. Long



■ PA



FEMA

Declaration Request – North Carolina

Declaration Type: Major Disaster Declaration

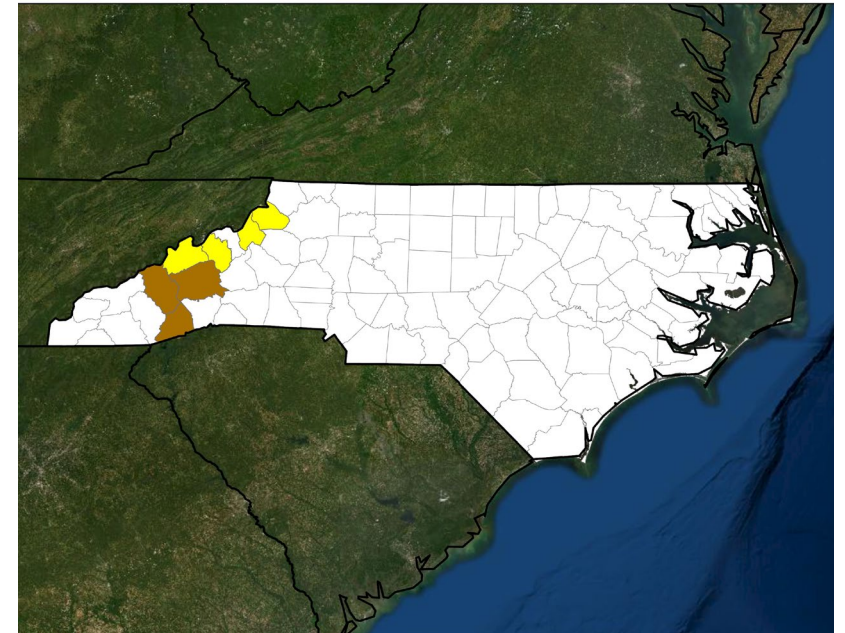
Date Requested: Aug 27

Incident: Tropical Storm Fred

Incident Period: Aug 16–18, 2021

Requested:

- **IA:** 3 counties
- **PA:** 7 counties
- **Hazard Mitigation:** Statewide



■ IA ■ PA



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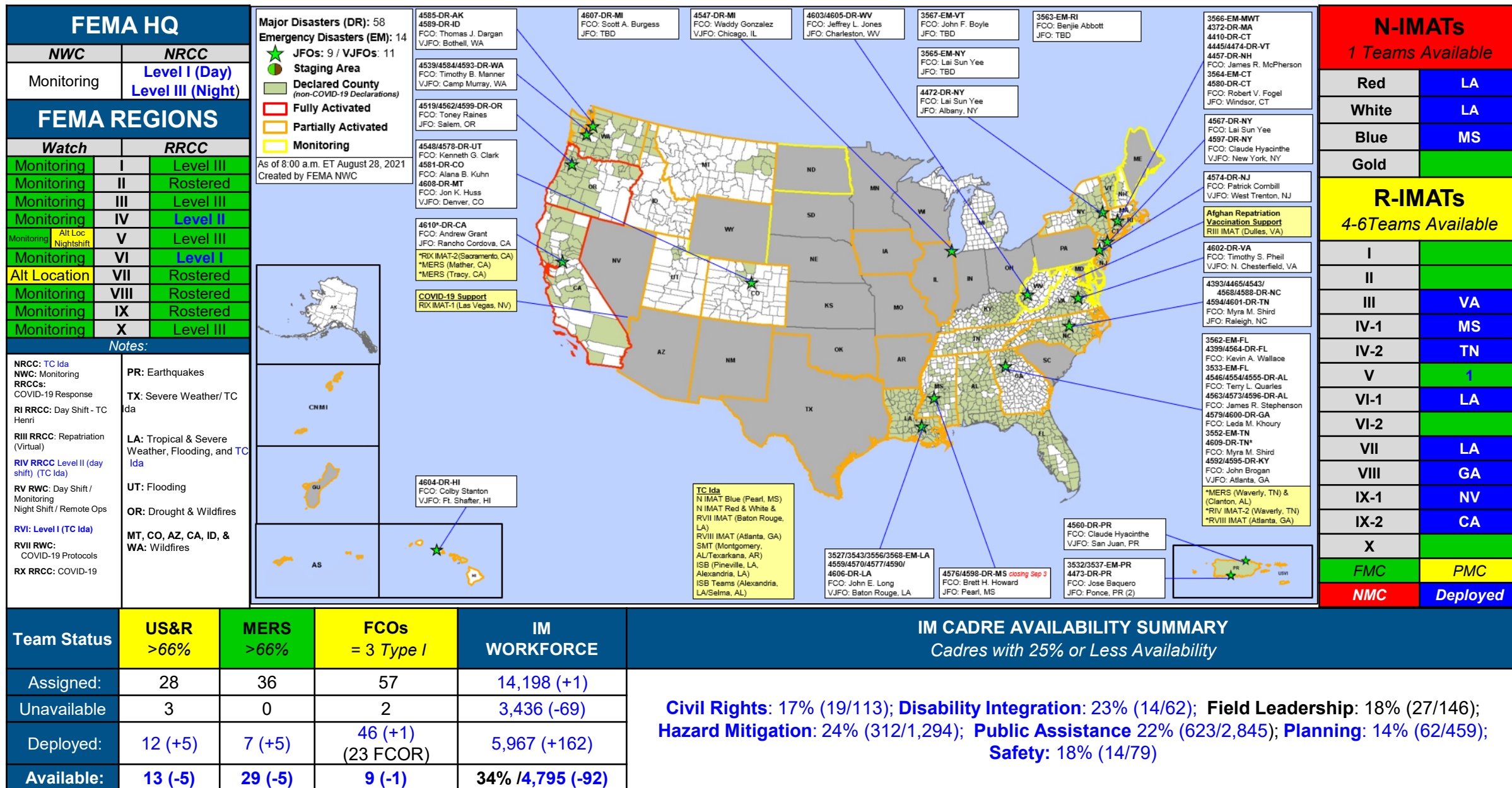
Declaration Requests in Process – 6

State / Tribe / Territory – Incident Description	Type	IA	PA	HM	Requested
Fort Peck Assiniboine & Sioux Tribes – Severe Storm, Straight-line Winds, and Flooding	DR	X		X	Aug 3
ND – Severe Storms, Straight-line Winds, and Flooding	DR		X	X	Aug 9
MO – Severe Storms, Straight-line Winds, and Flooding	DR		X	X	Aug 13
NE – Severe Storms and Straight-line Winds	DR		X	X	Aug 18
KY – Severe Storm and Flooding	DR	X		X	Aug 19
LA – Tropical Storm Ida - Approved	EM		X		Aug 26
NC – Tropical Storm Fred	DR	X	X	X	Aug 27



FEMA

FEMA Common Operating Picture



Team Status	US&R >66%	MERS >66%	FCOs = 3 Type I	IM WORKFORCE
Assigned:	28	36	57	14,198 (+1)
Unavailable	3	0	2	3,436 (-69)
Deployed:	12 (+5)	7 (+5)	46 (+1) (23 FCOR)	5,967 (+162)
Available:	13 (-5)	29 (-5)	9 (-1)	34% /4,795 (-92)

IM CADRE AVAILABILITY SUMMARY

Cadres with 25% or Less Availability

Civil Rights: 17% (19/113); Disability Integration: 23% (14/62); Field Leadership: 18% (27/146); Hazard Mitigation: 24% (312/1,294); Public Assistance 22% (623/2,845); Planning: 14% (62/459); Safety: 18% (14/79)



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