

TROPICAL WEATHER BRIEFING

HURRICANE ERNESTO

CLOSE OUT PHASE

THIS IS FINAL TROPICAL BRIEFING. ANY FURTHER UPDATES WILL FOCUS ON OTHER WEATHER-RELATED HAZARDS, INCLUDING HYDRO, MARINE, AND HEAT CONCERNS.

Advisory #12A

2:00 PM AST Wednesday, August 14th, 2024

...THE TROPICAL STORM WARNINGS FOR PUERTO RICO AND THE U.S. VIRGIN ISLANDS
HAVE BEEN DISCONTINUED...

...FLASH FLOODING RISK CONTINUES OVER PORTIONS OF PUERTO RICO DUE TO ONGOING
HEAVY RAINS...





Situational Overview

August 14, 2024
2:00 PM

Key Points

- **OVERALL:** The center of **Hurricane Ernesto** is located over the **Atlantic waters**, about **225 miles NW of San Juan, Puerto Rico**.
- **INTENSITY FORECAST:** This system currently pack maximum sustained winds around **75 mph** and further strengthening is forecast during the next couple of days.
- **TRACK FORECAST:** Based on the latest forecast track, this system is moving **NW** near **16 mph** and will continue to move away from Puerto Rico today.
- **PHASE MESSAGE:** Although Hurricane Ernesto is moving away, its rainbands will continue to bring heavy rain and gusty conditions to portions of the local islands. Hazardous marine and life-threatening coastal conditions are also expected to persist through at least Thursday morning.

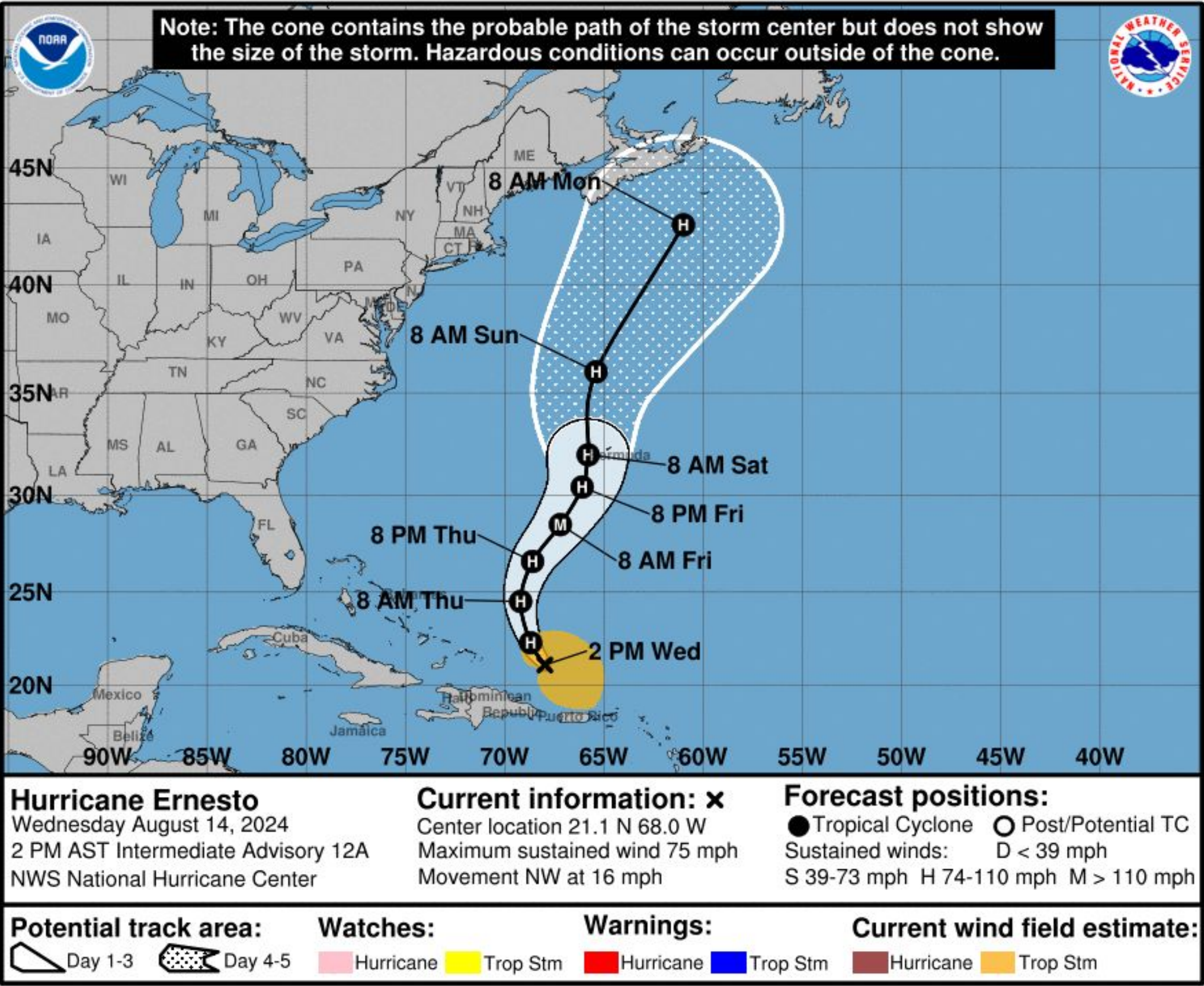




Tropical Storm Ernesto

August 14, 2024
2:00 PM

Latest Bulletin



BULLETIN | BOLETÍN 2 PM AST AUG 14, 2024

LOCATION | LOCALIZACIÓN
225 MI NW of San Juan, Puerto Rico

COORDINATES | COORDENADAS
LAT 21.1 N - LON 68.0 W

MAX SUSTAINED WINDS | VIENTOS MÁX SOSTENIDOS
75 MPH

MOVEMENT | MOVIMIENTO
NW or 320° at 16 MPH

MIN CENTRAL PRESSURE | PRESIÓN MÍN CENTRAL
989 MB

**THERE ARE NO WATCHES OR WARNINGS FOR
PUERTO RICO AND THE U.S. VIRGIN ISLANDS
NO EXISTEN VIGILANCIAS O AVISOS PARA PUERTO
RICO Y LAS ISLAS VÍRGENES ESTADOUNIDENSES**

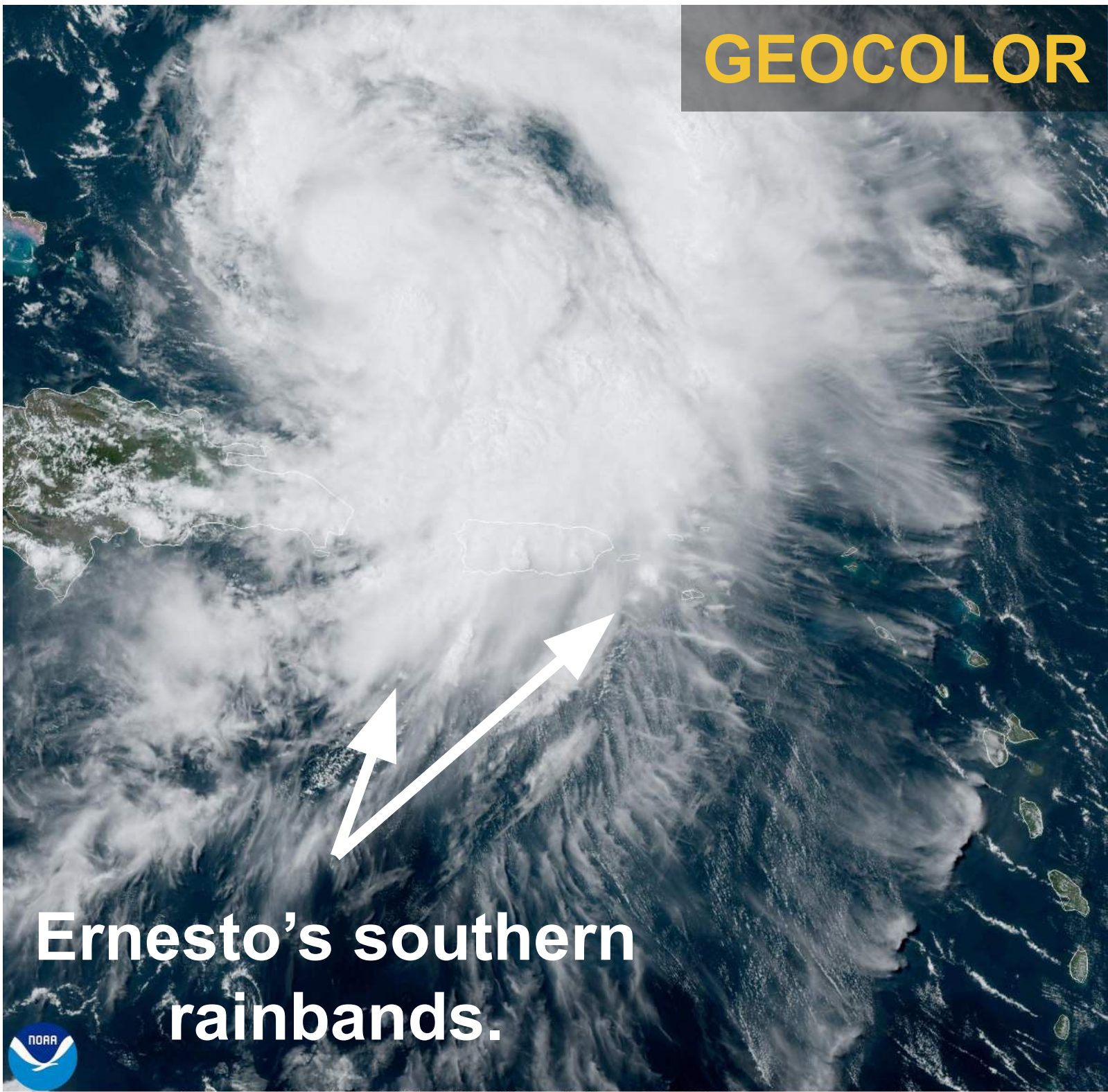




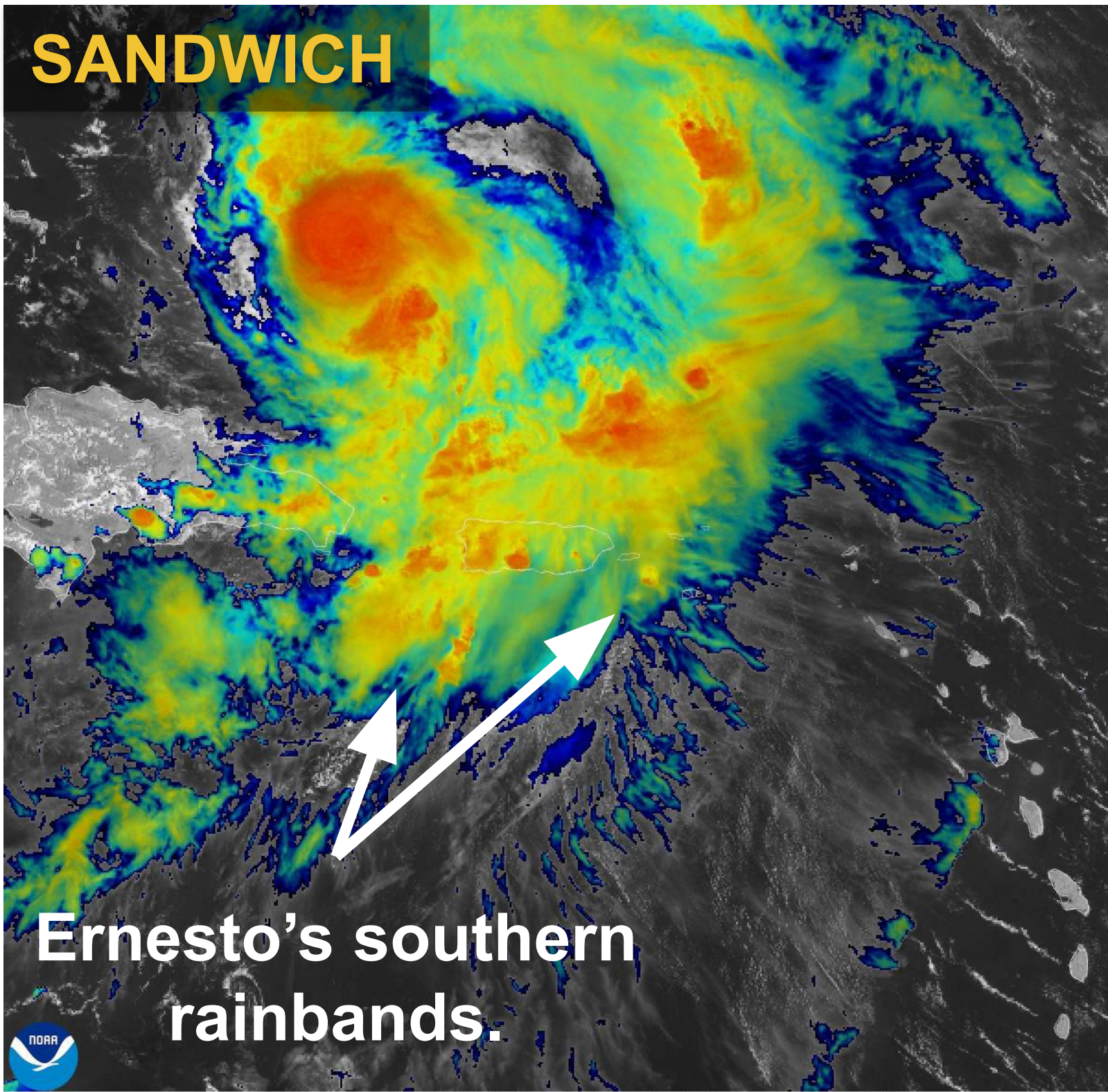
Current Satellite Imagery

August 14, 2024
2:00 PM

NESDIS/STAR GOES-East



14 Aug 2024 18:20Z - NOAA/NESDIS/STAR GOES-East - GEOCOLOR Composite - Puerto Rico



14 Aug 2024 18:20Z - NOAA/NESDIS/STAR GOES-East - Sandwich Composite - Puerto Rico

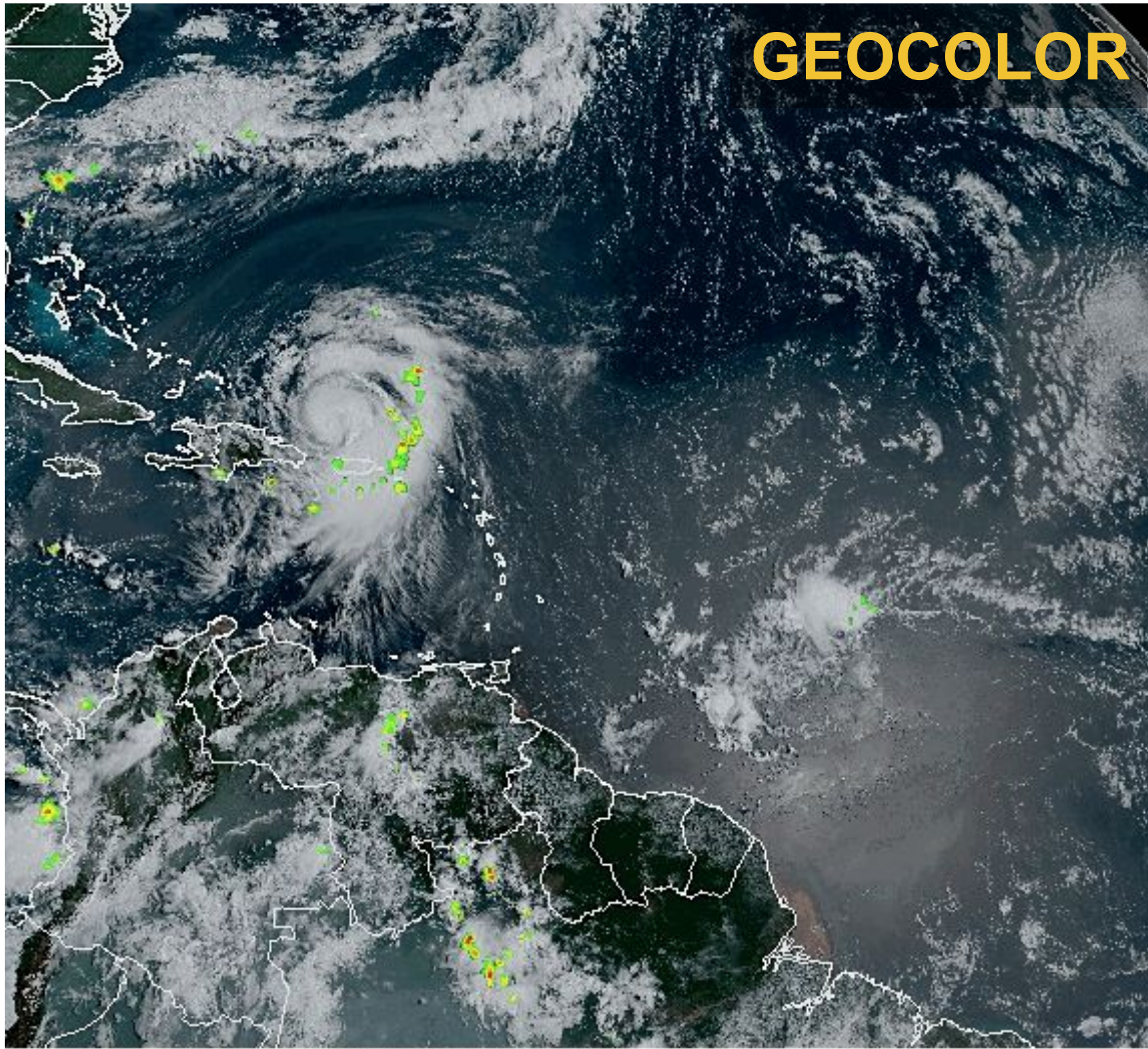




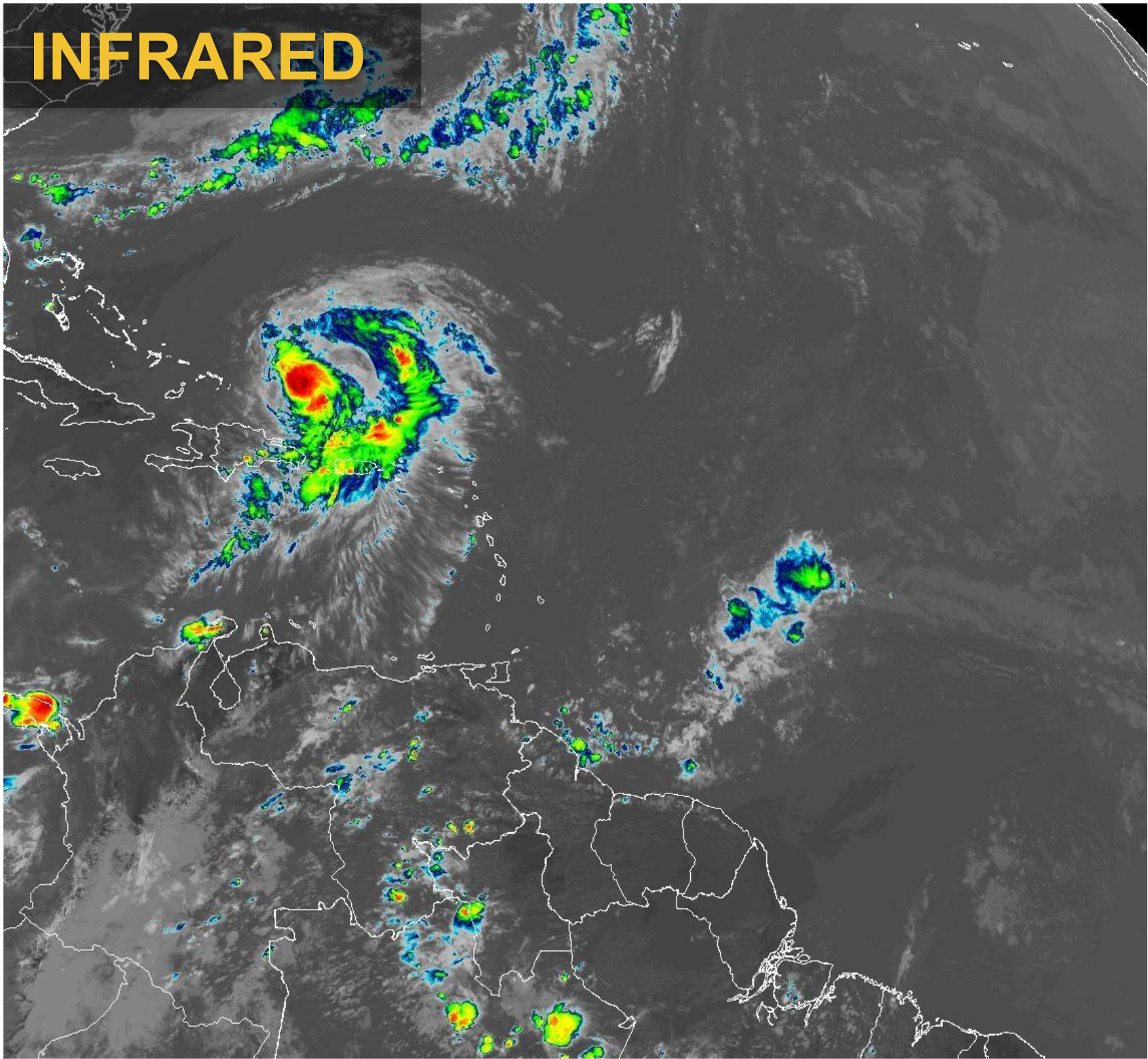
Satellite - Tropical Atlantic

August 14, 2024
2:00 PM

NESDIS/STAR GOES-East



14 Aug 2024 12:51 NESDIS/STAR GOES-East GLM FED



14 Aug 2024 18:30Z - NOAA/NESDIS/STAR - GOES-East - Band 13 - TAW

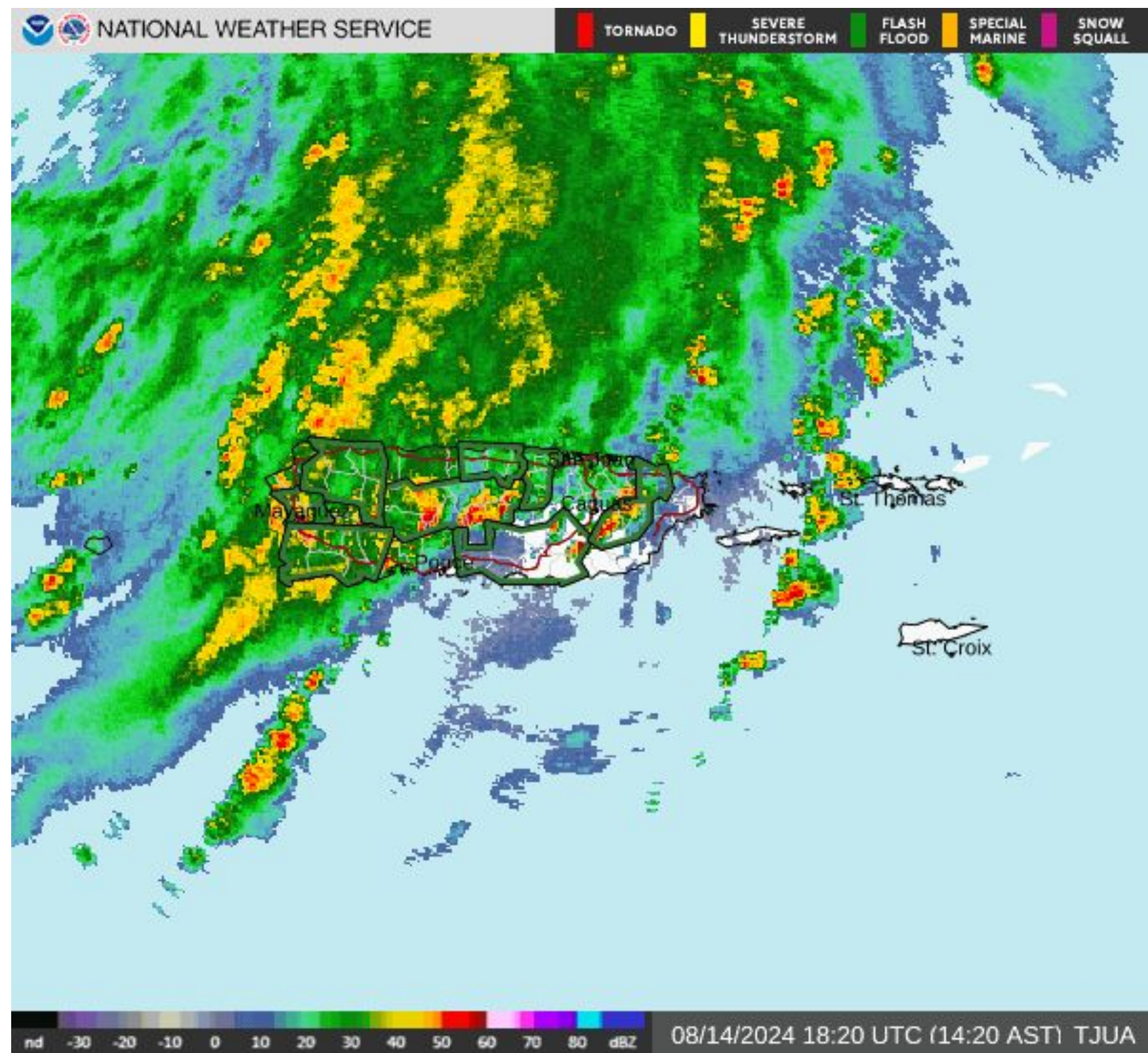




Current Radar

NEXRAD TJUA

August 14, 2024
2:00 PM



- Most of the activity associated with Ernesto is concentrated over Puerto Rico, driven by the storm's southern rainbands.
- This activity is expected to persist through Thursday.





Preliminary Event Reports

August 14, 2024
2:00 PM

Reportes preliminares del evento

...HIGHEST WIND GUST REPORTS...

Location	Speed	Time/Date
Isla Culebrita Light	86 MPH	0109 AM 08/14
Buck Island,	79 MPH	1045 PM 08/13
Two Brothers,	75 MPH	1043 PM 08/13
Roosevelt Rd NAS	74 MPH	0402 AM 08/14
Sandy Point NWR,	70 MPH	1049 PM 08/13
Charlotte Amalie, VI	66 MPH	1212 AM 08/14
Cotton Valley	66 MPH	1113 PM 08/13
Del Rey Marina	64 MPH	0153 AM 08/14
Rupert Rock,	64 MPH	0209 AM 08/14
Cruzan Rum Distillery	59 MPH	1100 PM 08/13
Esperanza, Vieques Island, P	58 MPH	0218 AM 08/14
UTUADO	55 MPH	1131 AM 08/14
Christiansted Harbor, St Cro	53 MPH	0118 AM 08/14
10 N Esperanza	51 MPH	0200 AM 08/14
Las Mareas	51 MPH	0617 AM 08/14
Vieques	49 MPH	0211 AM 08/14
QUEBRADILLAS	47 MPH	0949 AM 08/14
Mayaguez, PR	46 MPH	1224 PM 08/14
Cabo Rojo	45 MPH	1057 AM 08/14
Magueyes Island, PR	45 MPH	1006 AM 08/14
Aguada	42 MPH	1215 PM 08/14
Ponce	42 MPH	1030 AM 08/14
Aguadilla Jetty	42 MPH	1220 PM 08/14
Club Deportivo Del Oeste	41 MPH	1221 PM 08/14
9 S Potala Pastillo	40 MPH	0500 AM 08/14
British Virgin Islands Torto	38 MPH	0550 PM 08/13
San Juan WFO	38 MPH	0940 AM 08/14
Caguas	37 MPH	0900 AM 08/14
Humacao	37 MPH	0220 AM 08/14
Guayanilla	37 MPH	1015 AM 08/14
Ponce	36 MPH	0630 AM 08/14
FAJARDO	35 MPH	0436 AM 08/14

...2-DAY RAINFALL TOTALS REPORTS...

Location	Amount	Location	Amount	Location	Amount
1.8 S Barranquitas	10.17 in	San Juan 7.1 S	4.59 in	1.2 NE Caguas	2.74 in
2.5 NE Villalba	9.81 in	3.6 SE Sumidero	4.57 in	Trujillo Alto	2.70 in
0.6 NW Pastos	8.39 in	Luquillo 2.5 SE	4.56 in	Bayamon 3.9 SSE	2.57 in
5.2 NE Marueno	8.37 in	San German	4.54 in	Comerio	2.55 in
Charlotte Amalie West 4.2 WN	7.32 in	Ponce	4.50 in	FAJARDO	2.53 in
2.1 N Pena Pobre	7.29 in	Esperanza 4.4 NE	4.50 in	Aguada	2.49 in
5.7 N Villalba	6.64 in	Las Marias 9.6 ESE	4.49 in	Lajas 2.2 E	2.48 in
3.0 SW Las Piedras	6.58 in	Christiansted 1.7 SW	4.37 in	Caguas	2.45 in
Vieques	6.42 in	Cruz Bay 1.6 E	4.31 in	1 N La Parguera	2.37 in
3.7 NW Duque	6.39 in	Cabo Rojo 7.0 S	4.14 in	Ponce 3.5 W	2.30 in
1.1 SW Sumidero	6.33 in	1 S Mayaguez	4.05 in	Arecibo	2.12 in
4.1 NW Rosa Sanchez	6.20 in	2.7 S San Lorenzo	4.05 in	DORADO	2.06 in
3.6 E G. L. Garcia	6.07 in	Juncos 0.3 WSW	3.96 in	Santa Isabel 3.2 NNE	2.03 in
Mayaguez	6.00 in	Aguada	3.83 in	Lares 1.6 SSW	2.02 in
0.6 SE Boqueron	5.83 in	Jagual	3.83 in	Guayama	1.98 in
2.5 NW Coto Laurel	5.83 in	Las Piedras 1.9 WNW	3.72 in	Moca	1.98 in
0.6 E Lares	5.75 in	San Juan	3.70 in	Cotton Valley	1.94 in
Frederiksted 1.7 ESE	5.71 in	0.7 N El Ojo	3.69 in	0.8 NW Patillas	1.87 in
Coamo	5.69 in	1.6 NE Yauco	3.63 in	1 SSW Villalba	1.85 in
Cruz Bay 0.8 NE	5.66 in	San Lorenzo	3.61 in	Guayama 0.7 E	1.61 in
1.2 N Jagual	5.58 in	3.9 E Christiansted	3.60 in	Yauco 0.8 SSW	1.58 in
Maricao	5.32 in	QUEBRADILLAS	3.58 in	Christiansted 4.4 W	1.58 in
3.6 S G. L. Garcia	5.28 in	UTUADO	3.52 in	Humacao	1.57 in
Christiansted 1.6 E	5.28 in	Mayaguez Arriba	3.50 in	1.9 NE Jobos	1.52 in
Rio De La Plata	5.23 in	Caguas	3.46 in	Carolina 1.7 NNW	1.44 in
Finca Aponte	5.16 in	4.5 E Espino	3.32 in	San Juan WFO	1.43 in
1 N Charlotte Amalie W	5.14 in	1.8 E Sumidero	3.25 in	Coamo 1.6 SW	1.40 in
1 NNE Lomas	5.05 in	Guayanilla	3.24 in	Jayuya 3.1 SSE	1.29 in
Jayuya	5.04 in	3.1 W Cayuco	3.24 in	San German 0.8 W	1.08 in
Esperanza 1.2 WSW	4.93 in	2.1 SW Caguas	3.22 in	Bayamon 1.7 WNW	1.05 in
Lomas	4.90 in	Luquillo 0.2 SSE	3.21 in	1.0 SE Levittown	0.94 in
Frederiksted 1.4 NE	4.77 in	San Juan 2.0 S	3.19 in	Caguas 2.2 NNW	0.94 in
2.4 N Bairoa	4.74 in	Guanica	3.13 in	Levittown 1.0 SE	0.94 in
Frederiksted 0.9 ESE	4.69 in	Ponce 5.0 NNW	2.96 in	Rincon	0.83 in
3.3 SE Utuado	4.65 in	Vega Baja	2.82 in	Toa Alta 2.7 SSW	0.83 in
2.6 S San Lorenzo	4.64 in	Cabo Rojo	2.78 in	3.9 N Cayuco	0.75 in
0.8 NE Aguas Buenas	4.63 in	AGUADILLA	2.77 in	Naguabo	0.74 in





Preliminary Event Observations

August 14, 2024
2:00 PM

Observaciones Preliminares del Evento

Station	ID	Wind	Wind Gust	Rainfall Totals
Luis Muñoz Marín Airport, San Juan, PR	TJSJ			
Roosevelt Roads Airport, Ceiba, PR	TJNR			
Rafael Hernández Airport, Aguadilla, PR	TJBQ			
Mercedita Airport, Ponce, PR	TJPS			
RAWS Cabo Rojo, PR	CRRP4			
RAWS Guánica, PR	GCAP4			
RAWS Salinas, PR				
RAWS Añasco, PR				
RAWS San Sebastián, PR				
RAWS Barceloneta, PR				
RAWS Juncos, PR				
RAWS Vieques, PR	VIEP4			
King Airport, Charlotte Amalie, IST	TIST			
Rohlsen Airport, Christiansted, ISX	TISX			
RAWS Cotton Valley, ISX, USVI	CVAV3			
RAWS St John, USVI	TT805			










Ongoing Threats & Potential Impacts

August 14, 2024
2:00 PM

Summary

Hazard	Impacts	Location	Timing	Intensity
Wind 	Gusty Conditions There is the potential for strong wind gusts.	Anywhere in Puerto Rico and the U.S. Virgin Islands	Through this evening.	Up to 40 mph.
Flooding Rain 	Flash Flood WATCH There is the potential for significant amounts of rainfall that could lead to flash flooding.	Anywhere in Puerto Rico and the US Virgin Islands	Through Thursday morning.	PR: Additional rainfall amounts 2-4 inches. VI: Additional rainfall amounts of 1-2 inches Flash Flooding, mudslides, and river flooding threat will continue.
Coastal Flooding 	Coastal Flood ADVISORY There is the potential for minor coastal flooding and beach erosion from swells generated by Hurricane Ernesto	Eastern coast of Puerto Rico, Vieques, Culebra, and the U.S. Virgin Islands.	Through this afternoon.	If any, it will be less than 1 foot above ground level. Flooding of lots, parks, and roads with only isolated road closures.
Beach Hazards 	High Surf ADVISORY HIGH Rip Current Risk There is the potential for dangerous swimming conditions and life-threatening rip currents.	Northern and eastern Puerto Rico, Vieques, Culebra, and the U.S. Virgin Islands.	High Surf through this afternoon. Rip Current Risk through Thursday morning.	Breaking waves up to 8 feet. Dangerous swimming and surfing conditions. Life-threatening rip current conditions.
Marine Hazards 	Small Craft ADVISORY There is the potential for dangerous marine conditions and life-threatening rip currents.	All local waters and passages.	Through Thursday morning.	Seas 10-18 feet, occasionally up to 23 feet. Hazardous marine conditions for small craft.





Contact & Next Briefing Information

August 14, 2024
2:00 PM

NWS/WFO San Juan & Tropical Program



Web: weather.gov/sju



Phone: (787) 253-4501 | 4586



E-mail: sr-sju.mets@noaa.gov



Facebook: [NWSSanJuan](https://www.facebook.com/NWSSanJuan)



Twitter: [NWSSanJuan](https://twitter.com/NWSSanJuan)

Next Briefing

This is the last tropical briefing for
Hurricane Ernesto.

For the latest graphics and information go to: www.hurricanes.gov or weather.gov/sju/tropical





Precautionary/Preparedness Actions

August 14, 2024
2:00 PM

Other Preparedness Information

- If your home or shelter was damaged, be alert to the smell of natural gas leaks and cautious around exposed electrical wiring, broken glass, jagged metal and wood, and protruding nails and screws.
- Those who rode out the storm away from their home or business are likely anxious to return. However, allow some time for work crews to make a clear path for emergency vehicles. Downed power lines and trees may be blocking roads and flood waters may have washed out or overspread sections of key travel routes. Traffic lights may also be out of service.
- When inspecting damage, use flashlights rather than candles or flamed lighting. Be aware of sparks that can ignite leaking gas or other flammables.
- If using a generator, avoid carbon monoxide poisoning by following instructions by the manufacturer. Make sure that the generator is run in a well ventilated space.
- Problems with sewer backups can further contaminate standing flood waters. Keep children away. Also, listen for boil water alerts relative to communities whose tap water may have become non-potable.
- Do not wade through flood waters. Dangerous wildlife, contaminants, and active power lines are all potential threats.





Precautionary/Preparedness Actions

August 14, 2024
2:00 PM

Evacuations

- Do not return to evacuated areas until hazardous winds diminish and flood waters abate.

