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Natural Catastrophes

October 30, 2024



Fred E. Karlinsky

Fred Karlinsky is a Shareholder and Chair of Greenberg Traurig's Global Insurance Regulatory and Transactions Practice Group. Fred has over 30 years of experience representing the interests of insurers, reinsurers, and a wide variety of other insurance-related entities. He is a recognized authority on national insurance regulatory and compliance issues, has taken a leadership position in many insurance trade organizations, and has been listed in The Best Lawyers in America, Super Lawyers, Florida Trend 500, and Florida Trend's "Legal Elite" for his work in insurance law.

Fred is recognized as the only Band 1 Florida insurance lawyer by Chambers & Partners and one of the most influential leaders in Florida politics by City & State Florida and INFLUENCE Magazine. He has in-depth knowledge of insurance compliance matters. He has been a primary strategist in all Florida insurance-related legislative initiatives. In addition to his role with Greenberg Traurig, Fred has been an Adjunct Professor of Law at Florida State University College of Law since 2008. Since 2014, Fred has served on and currently chairs the Florida Supreme Court Judicial Nominating Commission (JNC), which appointed five of the seven current sitting Justices on the Florida Supreme Court during his tenure on the JNC.

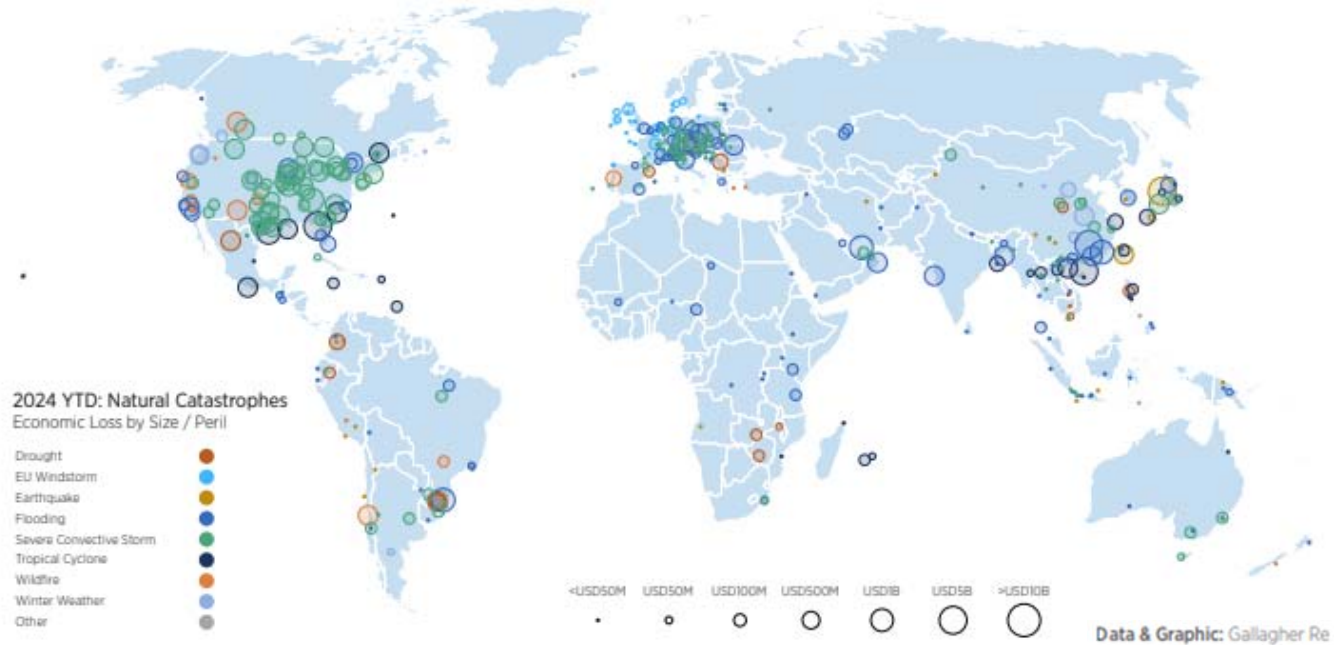
AGENDA

- 2024 NATURAL CATASTROPHIC LOSSES
- 2024 U.S. WILDFIRE LOSSES
- 2024 U.S. HURRICANE LOSSES
- QUESTIONS

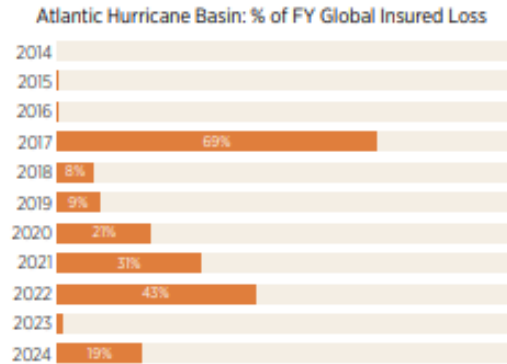
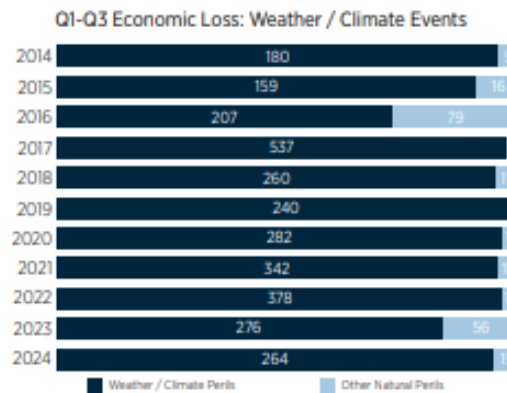
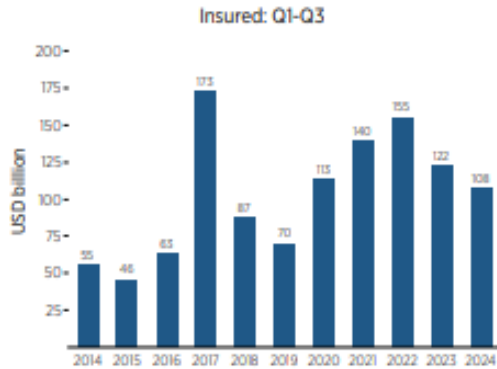
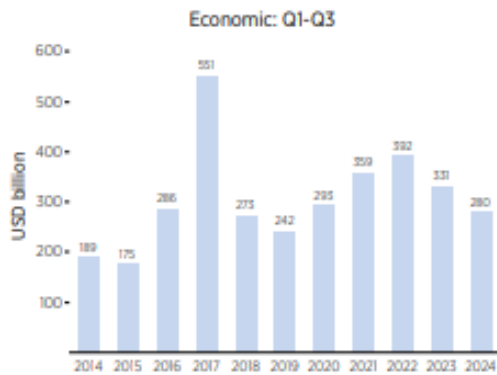


2024 Natural Catastrophic Losses

2024 NATURAL CATASTROPHIC BY SIZE



2024 NATURAL CATASTROPHIC LOSSES



+1.58°C / 2.84°F

Q1-Q3 2024 Global Land & Ocean Temperature Anomaly (Copernicus Baseline: 1850-1900)

5

Consecutive years with a landfalling major hurricane in the United States; ties 1915-1919 for longest streak on record

7

Number of years in the last decade with global insured losses topping USD100 billion

USD7.7 billion

Amount requested by the UN's OCHA to fund the Humanitarian Response Plan for 2024 floods in West and Central Africa

2024 NATURAL ECONOMIC CATASTROPHIC LOSSES



EQ: Earthquake

DR: Drought

SCS: Severe Convective Storm

EU WS: European Windstorm

TC: Tropical Cyclone

WF: Wildfire

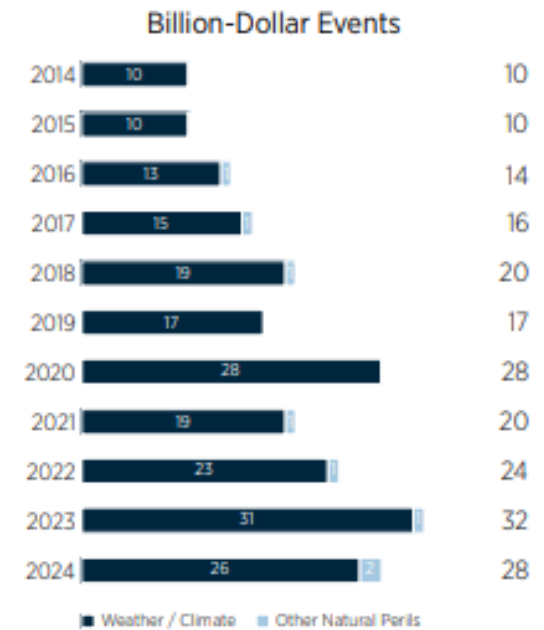
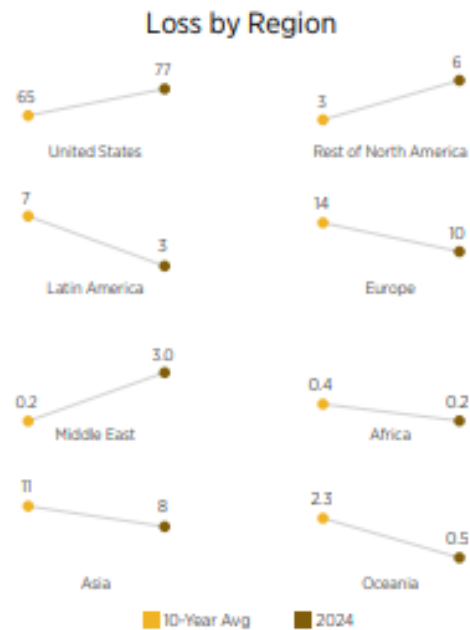
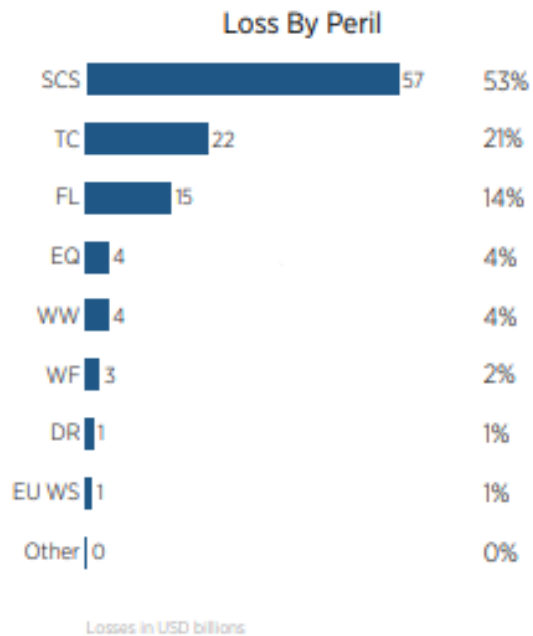
WW: Winter Weather

FL: Flooding

TEN COSTLIEST ECONOMIC LOSS EVENTS

Event Name	Date	Region	Countries	Economic Loss (USD)	Insured Loss (USD)
Hurricane Helene	Sep 24-30	United States	CU, MX, US	>35 billion	>12 billion
China Seasonal Floods	Summer	China	CN	22 billion	700 million
Storm Boris	Sep 11-18	Europe	AT, CZ, DE, IT, HU, PL, RO, SK, SI	20 billion	3.1 billion
Typhoon Yagi	Sep 1-12	Asia	CH, LA, MM, PH, TH, VN	16 billion	920 million
Noto Peninsula Earthquake	Jan 1	Asia	JP	12 billion	3.0 billion
Arabian Gulf Flash Floods	Apr 13-17	Middle East	AE, BH, IR, OM, QA, SA, YE	8.6 billion	2.8 billion
Brazil Floods	Apr-May	Latin America	BR, UY, AR	7.6 billion	1.5 billion
Hurricane Debby	Aug 4-10	United States	US, CA	7.0 billion	3.4 billion
Hurricane Beryl	Jul 1-12	United States	BB, GD, JM, KY, MQ, MX, TT, US, VC, VE	6.7 billion	3.0 billion
Early May US ŚCS	May 6-10	United States	US	6.5 billion	5.3 billion
Grand Totals				280 billion	108 billion

2024 NATURAL CATASTROPHIC INSURED LOSSES



TEN COSTLIEST INSURED LOSS EVENTS

Event Name	Date	Region	Countries	Economic Loss (USD)	Insured Loss (USD)
Hurricane Helene	Sep 24-30	United States	CU, MX, US	>35 billion	>12 billion
Early May US SCS Outbreak	May 6-10	United States	US	6.5 billion	5.3 billion
Mid-March US SCS Outbreak	Mar 12-17	United States	US	6.2 billion	5.1 billion
Mid-May US SCS Outbreak	May 17-22	United States	US	5.4 billion	4.3 billion
Hurricane Debby	Aug 4-10	US / Rest of NA	CA, US	7.0 billion	3.4 billion
Storm Boris	Sep 11-18	Europe	AT, CZ, DE, IT, HU, PL, RO, SK, SI	20 billion	3.1 billion
Noto Peninsula Earthquake	Jan 1	Asia	JP	12 billion	3.0 billion
Hurricane Beryl	Jul 1-12	United States	BB, GD, JM, KY, MQ, MX, TT, US, VC, VE	6.7 billion	3.0 billion
Arabian Gulf Flash Floods	Apr 13-17	Middle East	AE, BH, IR, OM, QA, SA, YE	8.6 billion	2.8 billion
Late May US SCS Outbreak	May 25-26	United States	US	3.3 billion	2.7 billion
Grand Totals				280 billion	108 billion



2024 U.S. Wildfire Losses



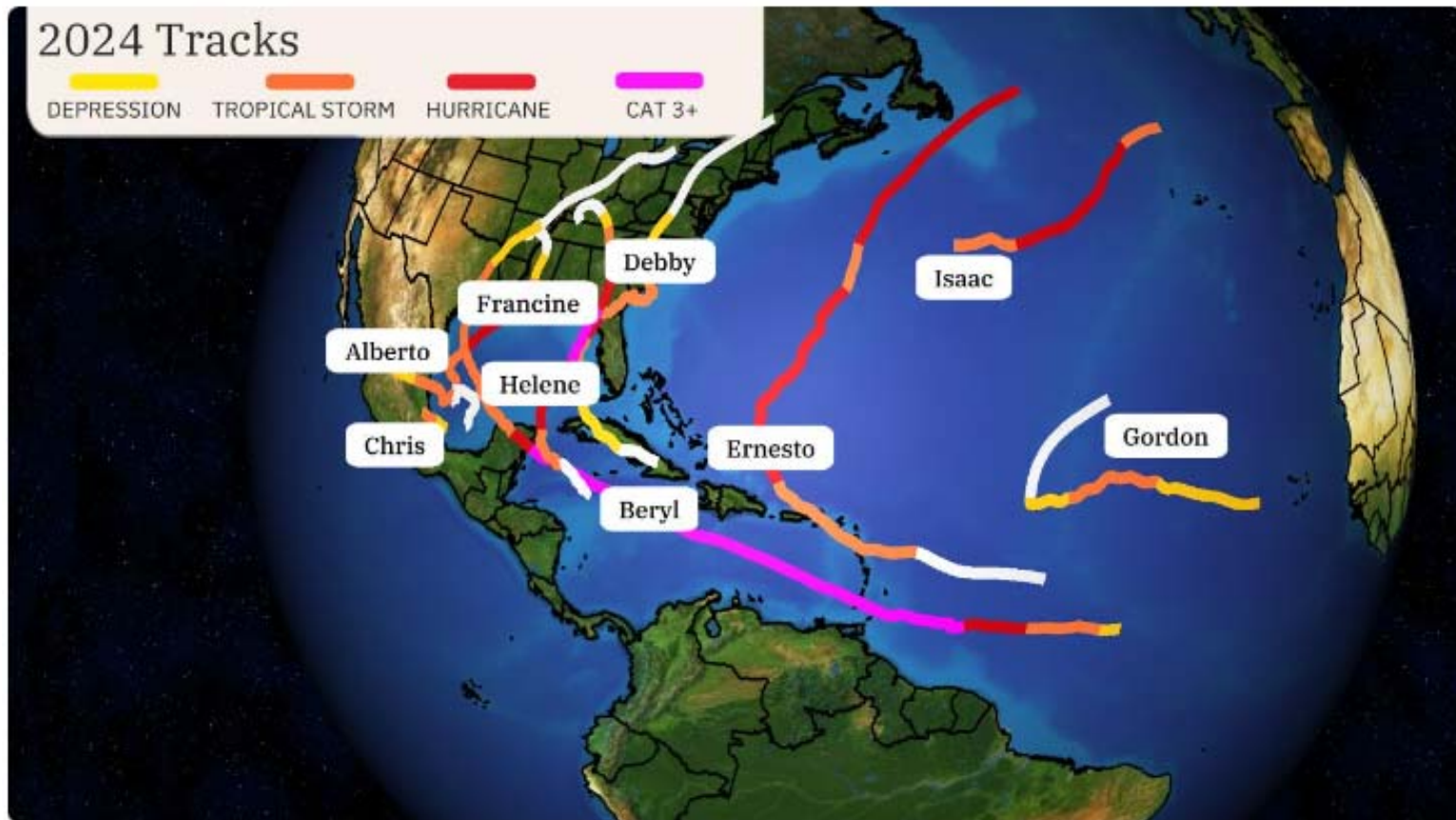
2024 Wildfire Season

2024 (1/1/24-10/23/24)	Fires: 44,571	Acres: 7,944,344
2023 (1/1/23-10/23/23)	Fires: 48,462	Acres: 2,514,012
2022 (1/1/22-10/23/22)	Fires: 58,093	Acres: 7,153,689
2021 (1/1/21-10/23/21)	Fires: 48,147	Acres: 6,519,984
2020 (1/1/20-10/23/20)	Fires: 46,706	Acres: 8,614,262
2019 (1/1/19-10/23/19)	Fires: 44,004	Acres: 4,477,114
2018 (1/1/18-10/23/18)	Fires: 50,446	Acres: 8,247,778
2017 (1/1/17-10/23/17)	Fires: 52,113	Acres: 8,825,062
2016 (1/1/16-10/23/16)	Fires: 50,201	Acres: 4,997,840
2015 (1/1/15-10/23/15)	Fires: 52,875	Acres: 9,391,482
2014 (1/1/14-10/23/14)	Fires: 42,639	Acres: 3,256,120
10-year average Year-to-Date		
2014-2023	Fires: 49,282	Acres: 6,387,220



2024 Hurricane Season

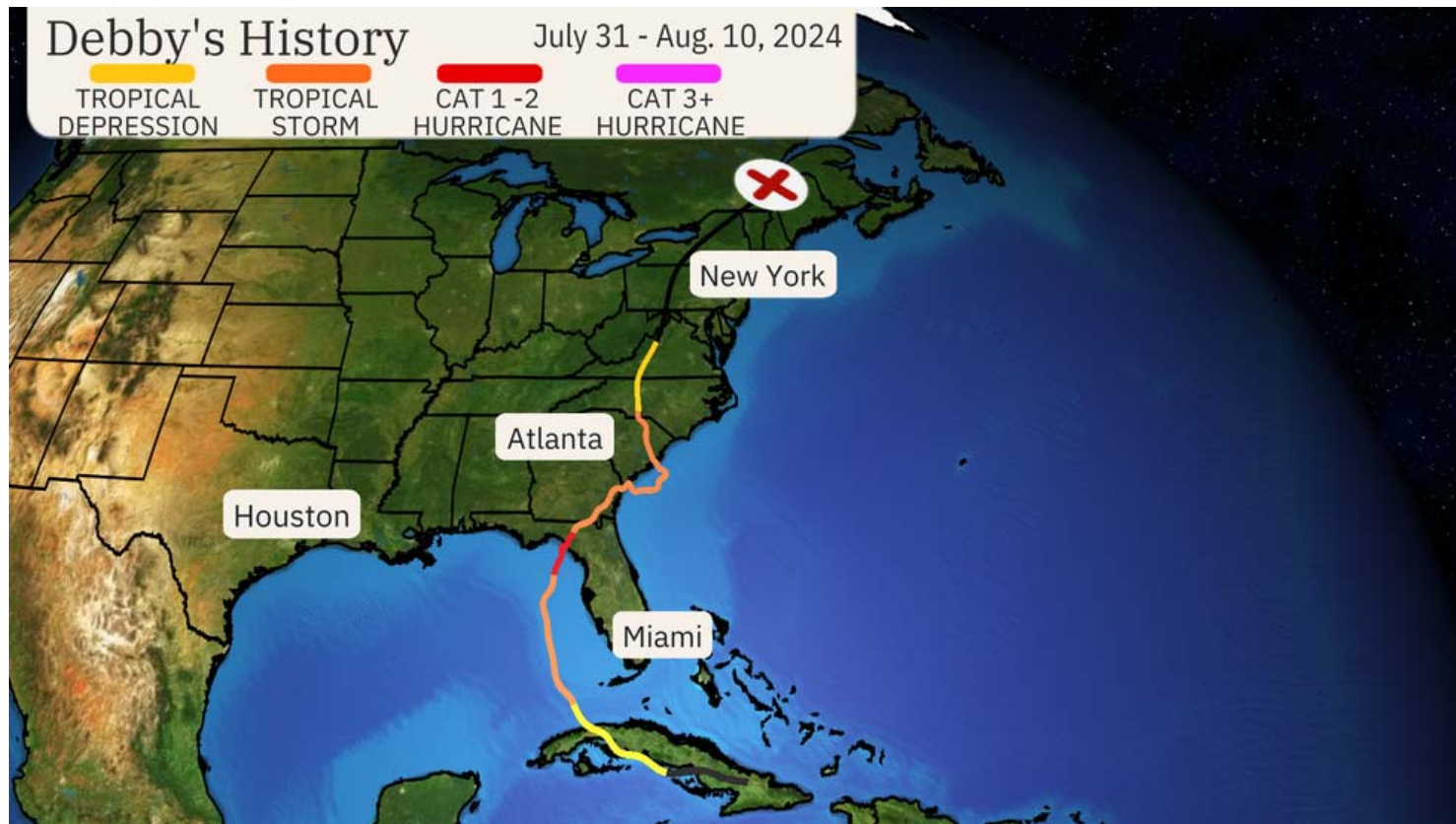
2024 Hurricane Season



Hurricane Beryl



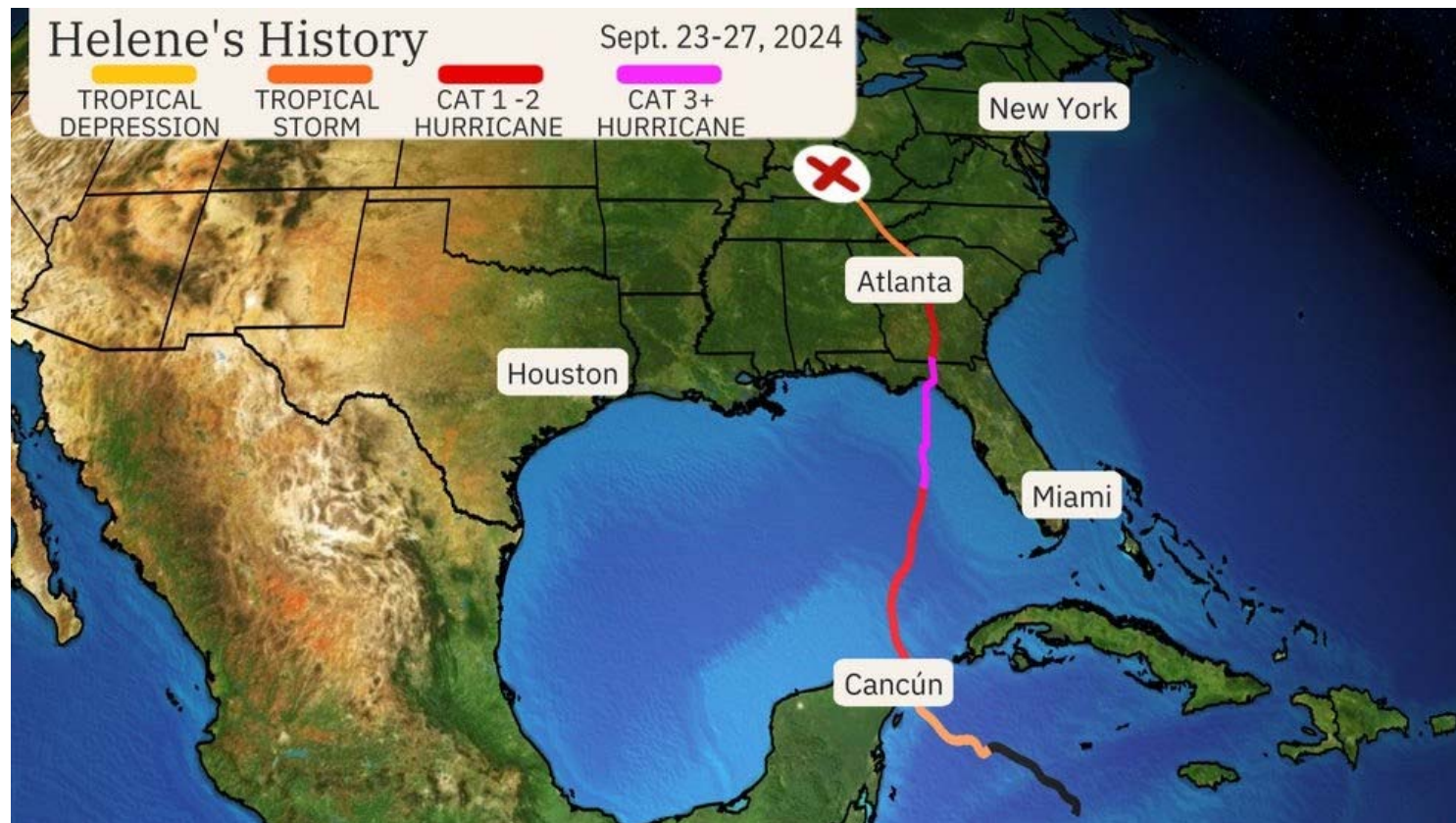
Hurricane Debby



Hurricane Francine



Hurricane Helene



Hurricane Milton



QUESTIONS



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