



# Endangered Science & EPA's Deregulatory Agenda

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*March 26, 2025*

[Union of  
Concerned Scientists]

Science for a  
healthy planet  
and safer world.



# [Broadside Attack on EPA's mission

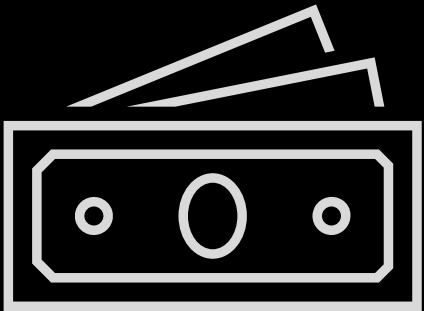
- Gutting Agency Staffing, Budget, Regulations, Enforcement
- Harms public health
- Boosts fossil fuel interests
- Attacks on science and disinformation







- Mass **firing** of agency staff
- Entire areas of work **eliminated or censored**, directly or effectively
- Wholesale **pivot** from core agency mission (plus **non-enforcement**)
- Abruptly **stopping** technical support
- **Undermining** science



- Suspension and **seizure** of IRA and IIJA funds
- Specific attacks on **environmental justice** initiatives
- Threats to **climate** action

# [ Trump EPA Deregulatory Agenda

- 31+ actions to roll back regulations, guidance and enforcement
- Lack of enforcement means de facto weak regulations, public health harms

**BUT**

- Deregulatory process takes time
- Will be challenged in courts



# [ Power Plant Pollution Standards



- Reconsideration of power plant carbon standards
- Reconsideration of the Mercury and Air Toxics standard
- Updating coal ash regulations

# [ Vehicle efficiency standards



- Reconsideration of Model Year 2027 and Later Light-Duty and Medium-Duty Vehicles regulation
- Reconsideration of GHG Emissions Standards for Heavy-Duty Vehicles
- Re-evaluation of the 2022 Heavy-Duty Nitrous Oxide (NOx) rule



# [Climate-related rollbacks

- Reconsideration of Endangerment Finding
- Overhaul of Social Cost of Carbon
- Reconsideration of oil and gas methane standards
- Reconsideration of mandatory GHG reporting program



# [ **Brief Timeline for Endangerment Finding**

1999: Organizations file petition with EPA to regulate vehicle GHG emissions under the Clean Air Act

2007: Mass v. EPA Supreme Court decision

2007: Bush EPA finalizes Endangerment Finding but WH refuses to open email

2009: Obama EPA finalizes Endangerment + Cause or Contribute Findings

# [Endangerment Finding

“The Administrator finds that the current and projected concentrations of the six key well-mixed greenhouse gases—carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF<sub>6</sub>)—in the atmosphere threaten the public health and welfare of current and future generations.”

# [Cause or Contribute Finding

“The Administrator finds that the combined emissions of these well-mixed greenhouse gases from new motor vehicles and new motor vehicle engines contribute to the greenhouse gas pollution that threatens public health and welfare.”



# [Fifth National Climate Assessment

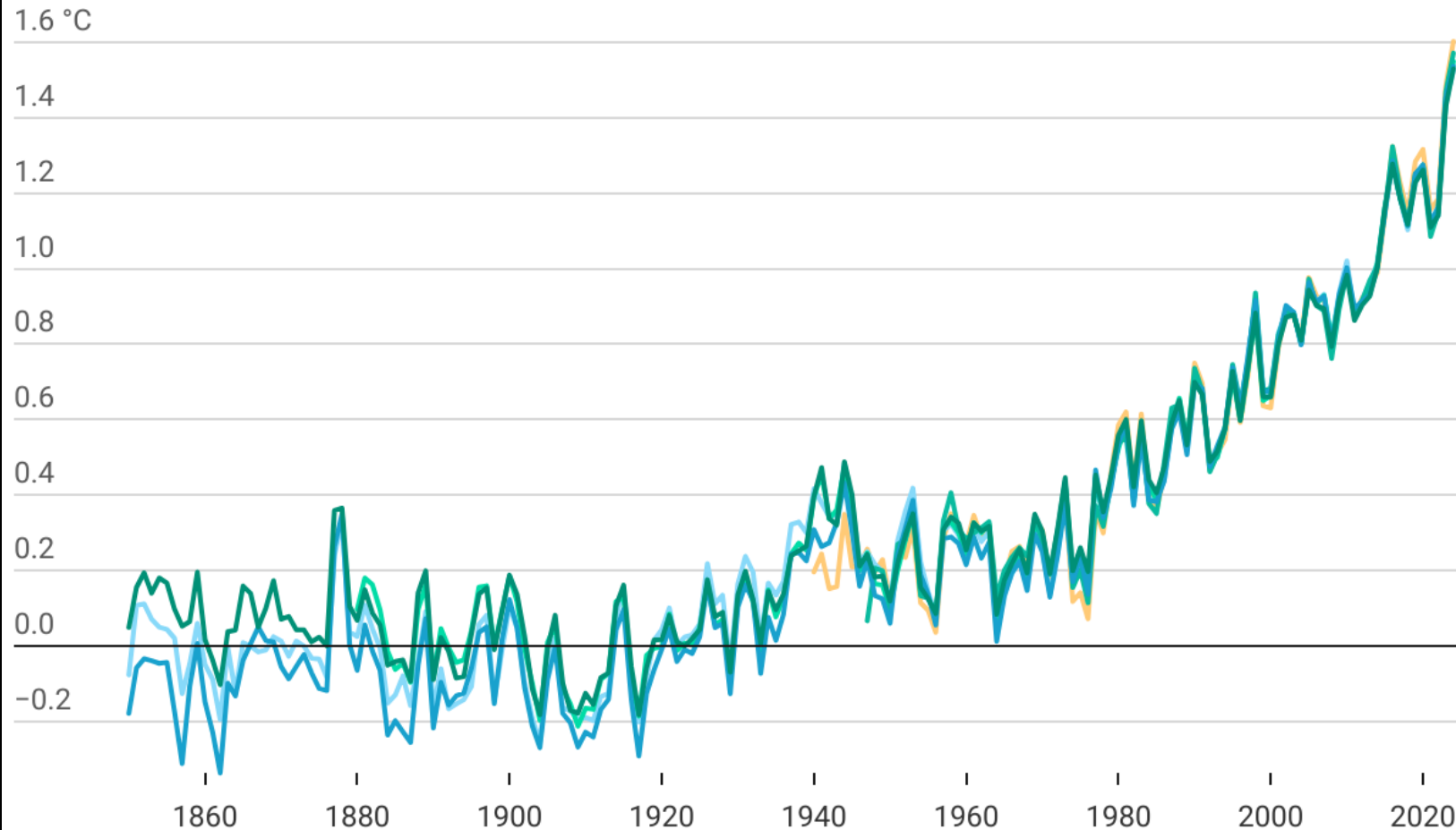
*“The **effects** of human-caused **climate change** are already **far-reaching and worsening** across every region of the United States. Rapidly reducing greenhouse gas emissions can limit future warming and associated increases in many risks... **without deeper cuts** in global net greenhouse gas emissions and accelerated adaptation efforts, **severe climate risks** to the United States will continue to **grow**.”*



# Global mean temperature 1850-2024

Difference from 1850-1900 average

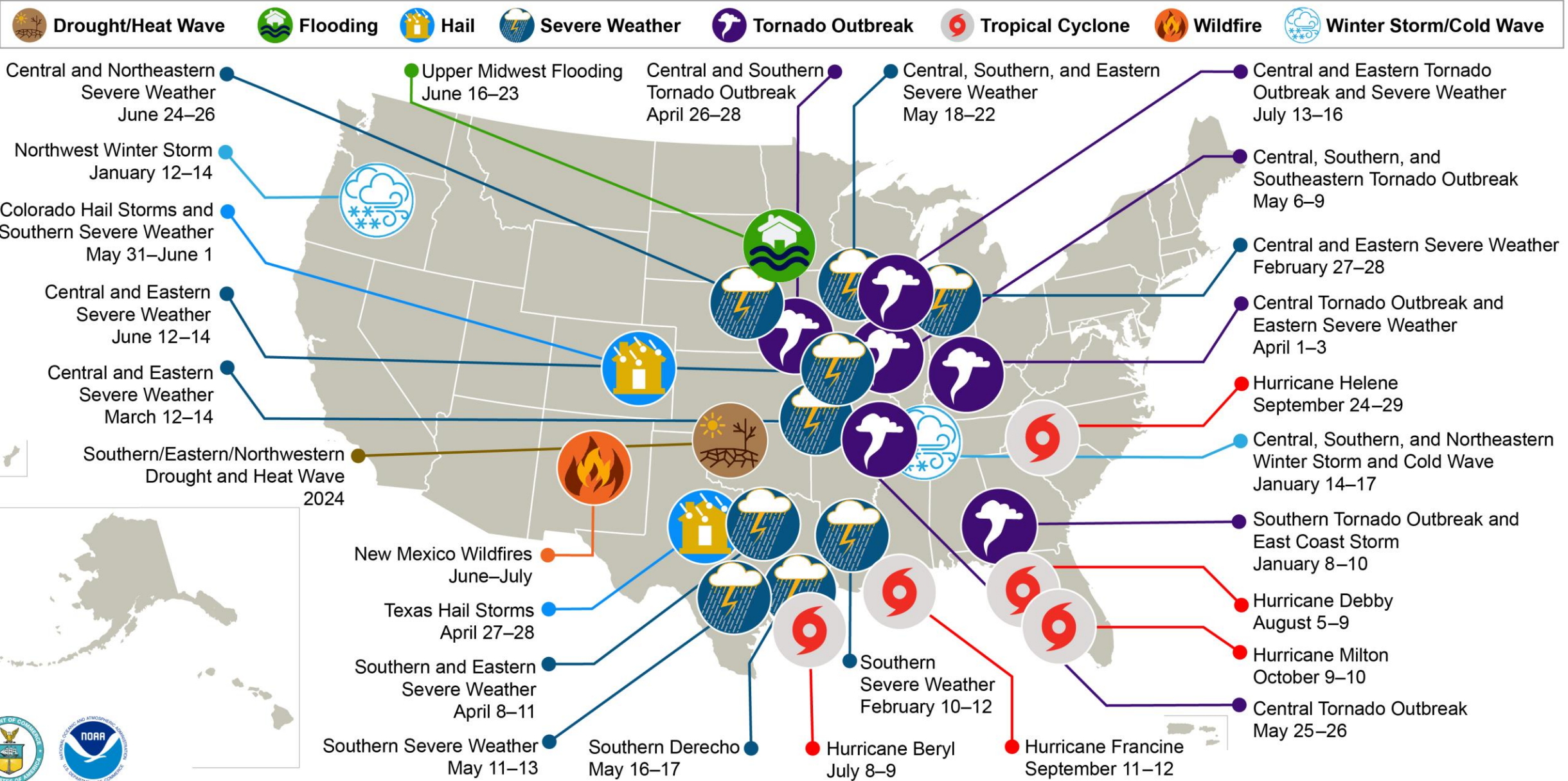
— Berkeley Earth (1850-2024.12) — ERA5 (1940-2024.12) — GISTEMP (1880-2024.12) — HadCRUT5 (1850-2024.12)  
— JRA-3Q (1947-2024.12) — NOAA GlobalTemp v6 (1850-2024.12)



*Annual global mean temperature anomalies relative to a pre-industrial (1850–1900) baseline shown from 1850 to 2024*

Chart: WMO • Created with Datawrapper

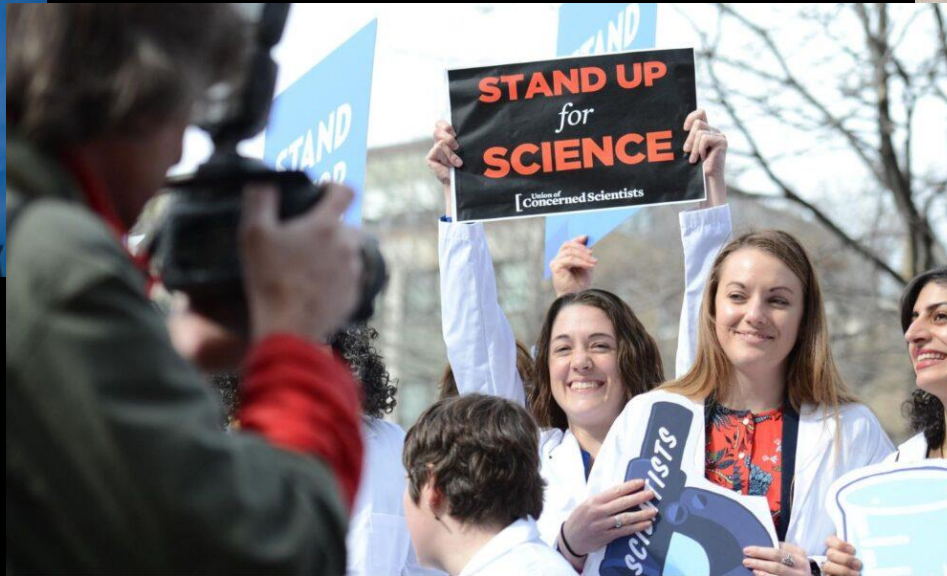
# U.S. 2024 Billion-Dollar Weather and Climate Disasters



*This map denotes the approximate location for each of the **27 separate billion-dollar weather and climate disasters** that impacted the United States in 2024.*



# [ Critical Choices Ahead



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Thank you!

For more information: [www.ucs.org](http://www.ucs.org)

