



NOAA



Connections and Information Flow

*Brian Montgomery - NOAA National Weather Service
September 23, 2026*







Funnel of Information (*hint: It's A Lot*)



Large Scale

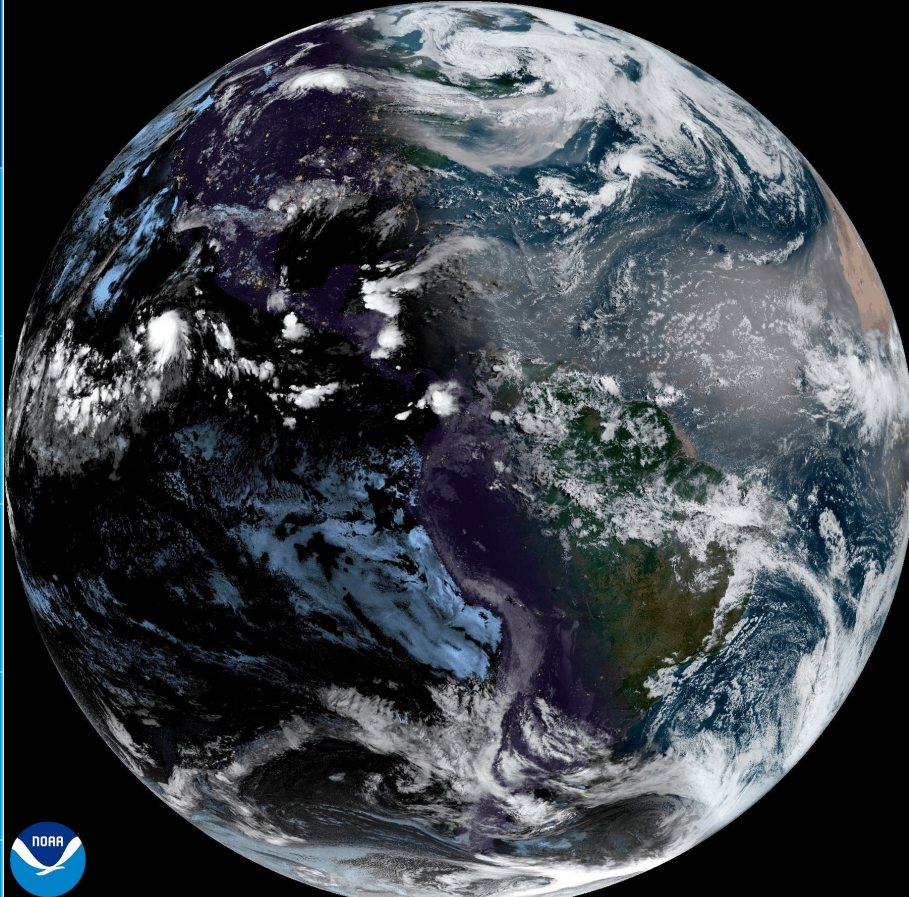
Regional Scale

Local Scale

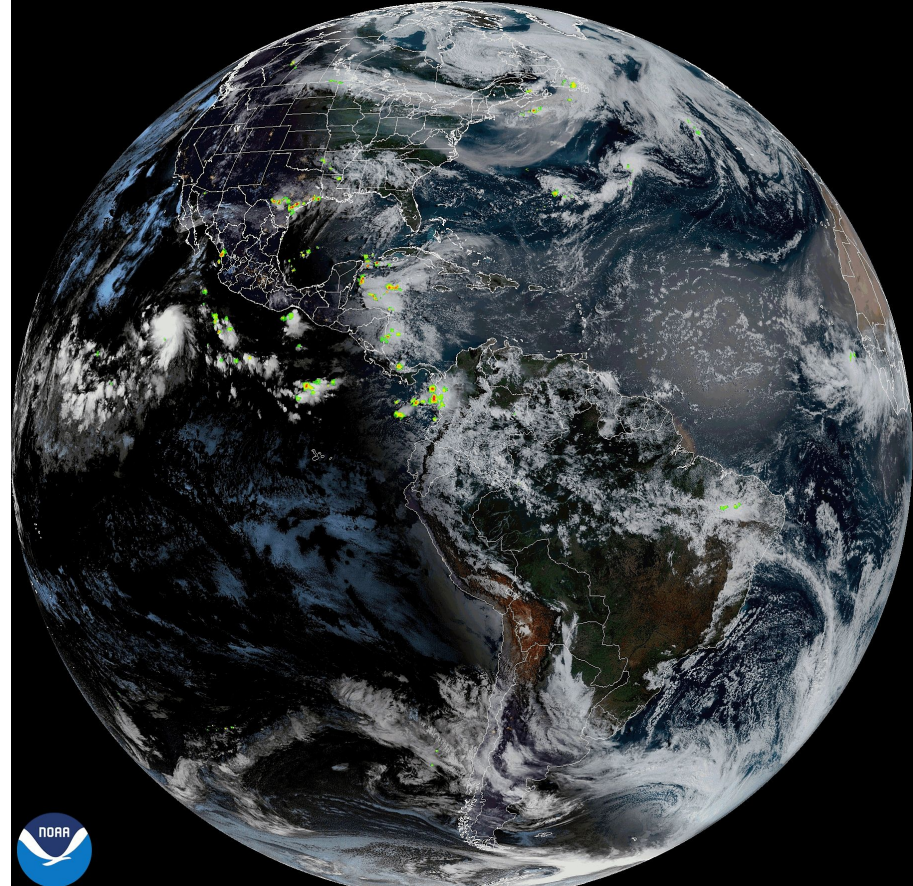
Your Location

- Satellites
- Upper Air Observations
- Radar Systems
- Surface Observations
- Mesonets
- Volunteer Spotters
- mPING/CoCoRaHS
- Social Media





15 Jul 2026 11:30Z - NOAA/NESDIS/STAR - GOES-19 - GEOCOLOR



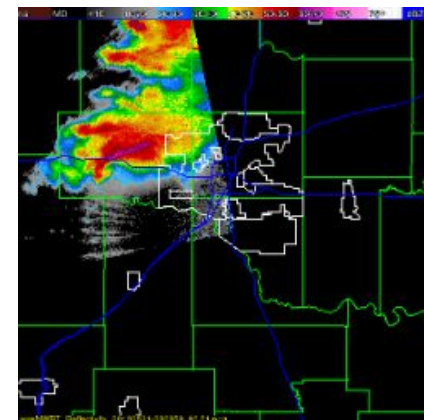
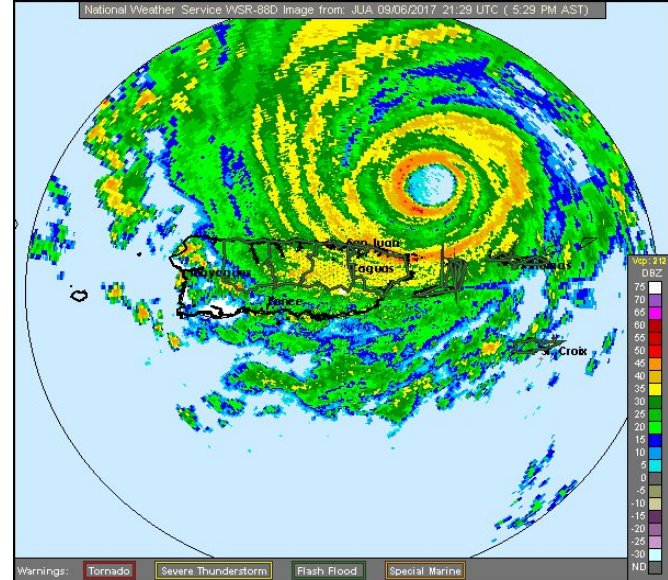
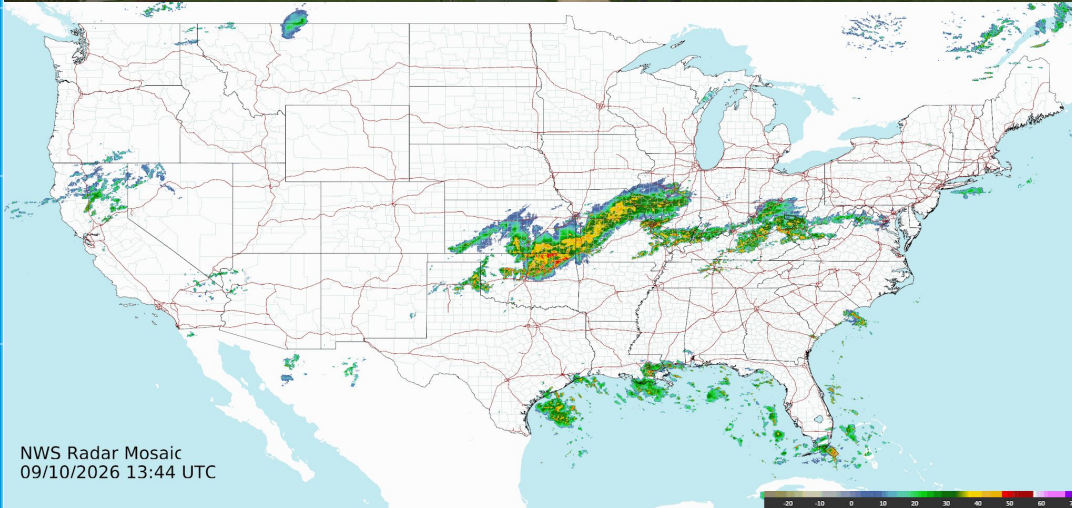
15 Jul 2026 12:21 - NOAA/NESDIS/STAR - GOES-G19 - GLM FED



**National Environmental Satellite,
Data, and Information Service**

DEPARTMENT OF COMMERCE

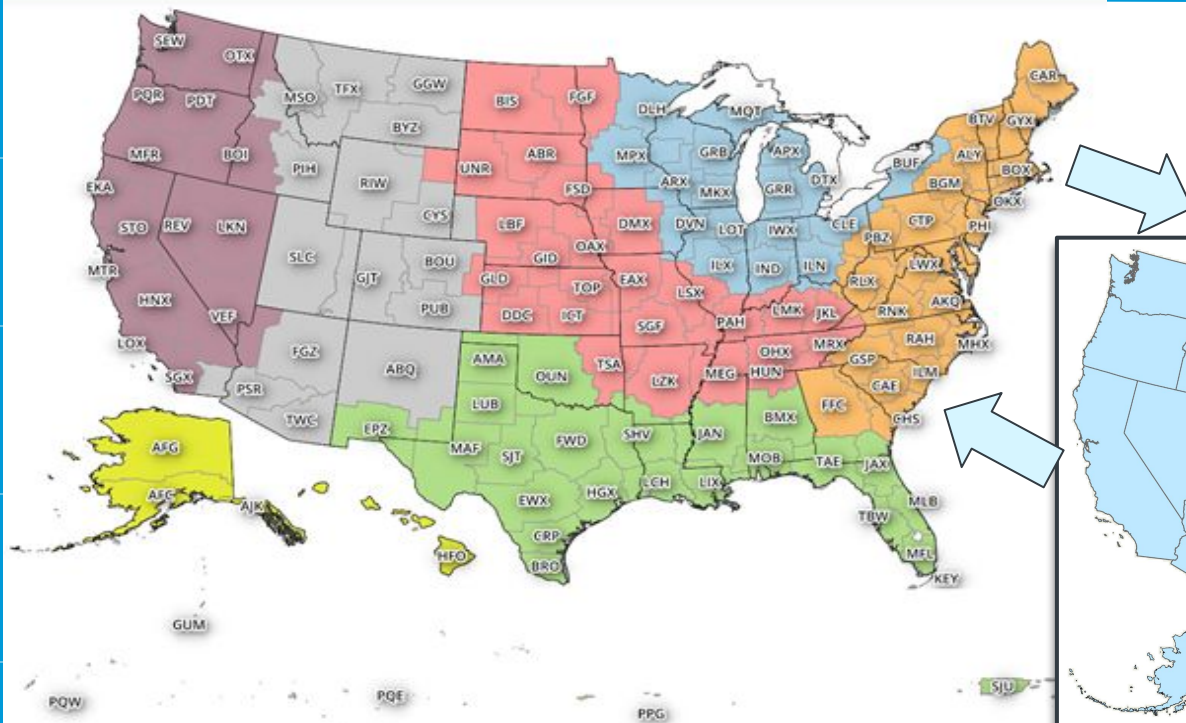








Infrastructure (Sectors & Centers)

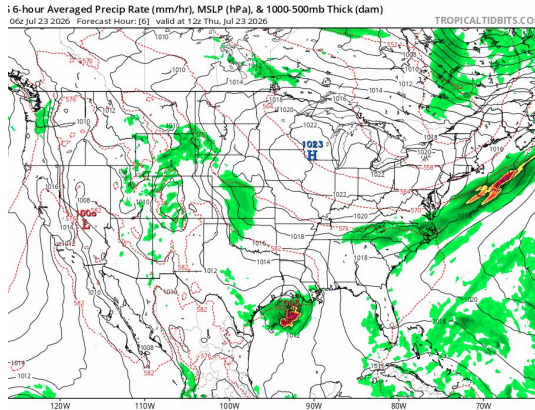




Help Me Help You

Weather Observations

Satellites, Upper Air Data,
Radar, Surface Observations,
Numerical Models - AI
Models



Continuous
Evaluation

Coordination and Education

Meetings with local
volunteers, training,
exercises, tours, survey's



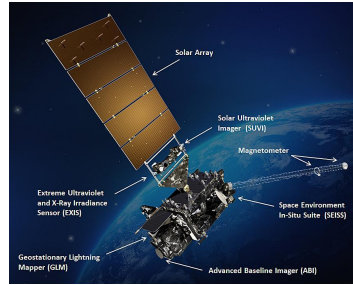
Volunteer Spotter Reports

Skywarn, Emergency
Management, Media, Social
Media





The Genius Behind the Scene

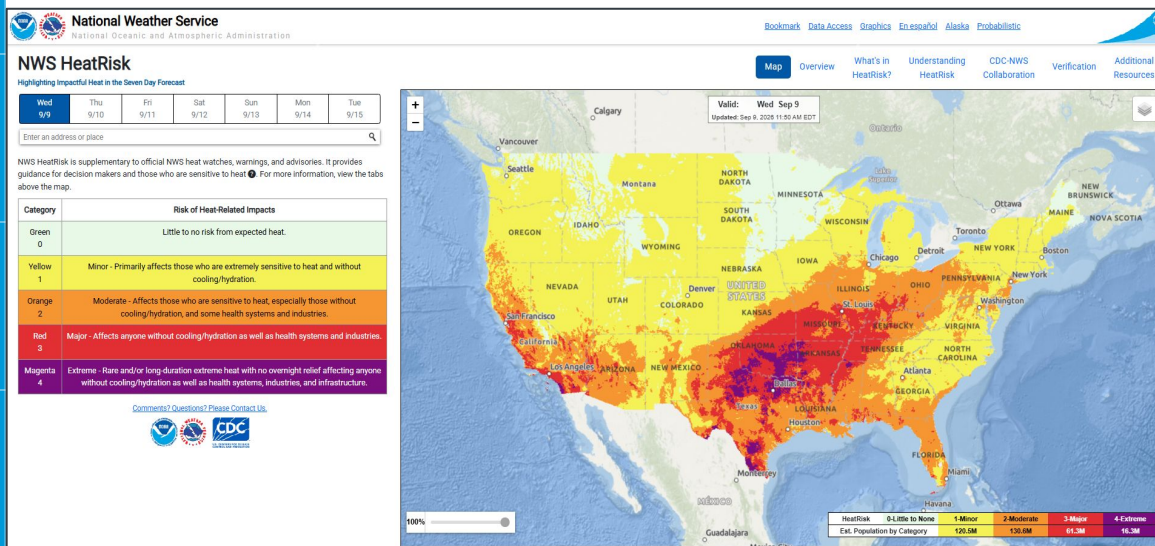


You Had Me at Hello



CENTERS FOR DISEASE
CONTROL AND PREVENTION

- Extreme heat is a growing public health threat as climate change drives more frequent, severe, and longer heat events.
- Heat causes over 1,220 deaths per year, but true heat-related mortality is likely higher due to underreporting.
- CDC and the National Weather Service collaborated to identify temperature thresholds linked to mortality using nationwide vital statistics and a consistent modeling framework.
- This collaboration produced HeatRisk, a new multi-tier, color-coded alert system that integrates health-based thresholds with local climatology to better warn communities.
- HeatRisk improves coordination between weather and public health agencies, supporting earlier warnings, clearer guidance, and more effective prevention during extreme heat events.





Phone (301-244-9650)

- The NWS Operations Center can be contacted by phone **24x7**.
- One phone number – always reaches the Meteorologist on Duty.



E-mail (nws.opscenter@noaa.gov)

- Monitored during operational hours.
- One e-mail address – always reaches the Meteorologist on Duty.



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Monitoring Response Coordination Center - National Operations Center

Acting NOAA Liaison to FEMA

Detailee to the White House

Silver Spring/Riverdale Park, MD

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