

HR 5089

Weather Act Reauthorization Act of 2025

Congress: 119 (2025–2027, Current)

Chamber: House

Policy Area: Science, Technology, Communications

Introduced: Sep 2, 2025

Current Status: Ordered to be Reported (Amended) by Voice Vote.

Latest Action: Ordered to be Reported (Amended) by Voice Vote. (Sep 10, 2025)

Official Text: <https://www.congress.gov/bill/119th-congress/house-bill/5089>

Sponsor

Name: Rep. Lucas, Frank D. [R-OK-3]

Party: Republican • **State:** OK • **Chamber:** House

Cosponsors (26 total)

| Cosponsor | Party / State | Role | Date Joined |
|---|---------------|------|--------------|
| Rep. Amo, Gabe [D-RI-1] | D · RI | | Sep 2, 2025 |
| Rep. Babin, Brian [R-TX-36] | R · TX | | Sep 2, 2025 |
| Rep. Bonamici, Suzanne [D-OR-1] | D · OR | | Sep 2, 2025 |
| Rep. Fleischmann, Charles J. "Chuck" [R-TN-3] | R · TN | | Sep 2, 2025 |
| Rep. Foushee, Valerie P. [D-NC-4] | D · NC | | Sep 2, 2025 |
| Rep. Franklin, Scott [R-FL-18] | R · FL | | Sep 2, 2025 |
| Rep. Friedman, Laura [D-CA-30] | D · CA | | Sep 2, 2025 |
| Rep. Frost, Maxwell [D-FL-10] | D · FL | | Sep 2, 2025 |
| Rep. Haridopolos, Mike [R-FL-8] | R · FL | | Sep 2, 2025 |
| Rep. Lofgren, Zoe [D-CA-18] | D · CA | | Sep 2, 2025 |
| Rep. McBride, Sarah [D-DE-At Large] | D · DE | | Sep 2, 2025 |
| Rep. McClain Delaney, April [D-MD-6] | D · MD | | Sep 2, 2025 |
| Rep. Miller, Max L. [R-OH-7] | R · OH | | Sep 2, 2025 |
| Rep. Ross, Deborah K. [D-NC-2] | D · NC | | Sep 2, 2025 |
| Rep. Rouzer, David [R-NC-7] | R · NC | | Sep 2, 2025 |
| Rep. Stevens, Haley M. [D-MI-11] | D · MI | | Sep 2, 2025 |
| Rep. Tenney, Claudia [R-NY-24] | R · NY | | Sep 2, 2025 |
| Rep. Weber, Randy K. Sr. [R-TX-14] | R · TX | | Sep 2, 2025 |
| Rep. Whitesides, George [D-CA-27] | D · CA | | Sep 2, 2025 |
| Rep. McCormick, Richard [R-GA-7] | R · GA | | Sep 3, 2025 |
| Rep. Moore, Tim [R-NC-14] | R · NC | | Sep 8, 2025 |
| Rep. Gillen, Laura [D-NY-4] | D · NY | | Sep 10, 2025 |
| Rep. Bost, Mike [R-IL-12] | R · IL | | Sep 19, 2025 |
| Del. Norton, Eleanor Holmes [D-DC-At Large] | D · DC | | Oct 3, 2025 |
| Rep. Baird, James R. [R-IN-4] | R · IN | | Oct 3, 2025 |
| Rep. Vindman, Eugene Simon [D-VA-7] | D · VA | | Oct 3, 2025 |

Committee Activity

| Committee | Chamber | Activity | Date |
|--|---------|-------------|--------------|
| Natural Resources Committee | House | Referred To | Sep 2, 2025 |
| Science, Space, and Technology Committee | House | Markup By | Sep 10, 2025 |

Subjects & Policy Tags

Policy Area:

Science, Technology, Communications

Related Bills

| Bill | Relationship | Last Action |
|-------------|--------------|--|
| 119 HR 2250 | Related bill | Jan 8, 2026: Reported (Amended) by the Committee on Natural Resources. H. Rept. 119-431, Part I. |
| 119 S 1626 | Related bill | Jan 7, 2026: Held at the desk. |
| 119 HR 4073 | Related bill | Jun 24, 2025: Referred to the Subcommittee on Economic Development, Public Buildings, and Emergency Management. |

Summary (as of Sep 2, 2025)

Weather Research and Forecasting Innovation Reauthorization Act of 2025 or the Weather Act Reauthorization Act of 2025

This bill reauthorizes, revises, and establishes several programs related to weather forecasting, monitoring, and research.

For example, the bill reauthorizes through FY2030 programs that are administered by the Office of Oceanic and Atmospheric Research in the National Oceanic and Atmospheric Administration (NOAA), including the U.S. Weather Research Program. It also provides statutory authority for NOAA's Verification of the Origins of Rotation in Tornadoes Experiment (known as VORTEX-USA).

The bill also requires NOAA to establish programs that support weather forecasting technology, including improvements to radar accuracy, weather forecasting in underserved areas, and coastal flooding forecasting. NOAA must also acquire weather-related data from the private sector and establish a pilot program to test the compatibility of this data with NOAA infrastructure.

In addition, NOAA must improve weather-related communication systems, including those related to hazardous weather events, through system upgrades that use more modern technology (e.g., cloud-based services) and that allow for expanded coverage (e.g., in rural areas).

Finally, NOAA must administer programs that support weather forecasting for agricultural and water management, including pilot programs to improve precipitation forecasts in the western and central states and a soil moisture monitoring network.

Actions Timeline

- **Sep 10, 2025:** Committee Consideration and Mark-up Session Held
- **Sep 10, 2025:** Ordered to be Reported (Amended) by Voice Vote.
- **Sep 2, 2025:** Introduced in House
- **Sep 2, 2025:** Referred to the Committee on Science, Space, and Technology, and in addition to the Committee on Natural Resources, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned.

LegiList

CONGRESS, MADE CLEAR.

Search Every Federal Bill, Law, and Vote

LegiList is the fastest way to research Congress. Track any bill from introduction to enactment, see how every legislator voted, follow committee activity, and read the full text of every bill — all in one place, always up to date.

legiList.com

Free Course: Learn How Congress Actually Works

LegiList Learn is a free, self-paced course that walks through the entire legislative process — from drafting a bill to a presidential signature. Seven modules, plain language, no politics. Earn a certificate when you finish.

legiList.com/learn

Developer API: Build Apps on Legislative Data

The LegiList API gives developers direct access to bills, votes, legislators, committees, and more. Start free with 1,000 requests per day — no credit card required. Upgrade to Pro when you need to scale.

legiList.com/api

Public data belongs to the public. — legiList.com