

S 590

Improving Flood and Agricultural Forecasts Act of 2025

Congress: 119 (2025–2027, Current)

Chamber: Senate

Policy Area: Science, Technology, Communications

Introduced: Feb 13, 2025

Current Status: Read twice and referred to the Committee on Commerce, Science, and Transportation.

Latest Action: Read twice and referred to the Committee on Commerce, Science, and Transportation. (Feb 13, 2025)

Official Text: <https://www.congress.gov/bill/119th-congress/senate-bill/590>

Sponsor

Name: Sen. Schatz, Brian [D-HI]

Party: Democratic • **State:** HI • **Chamber:** Senate

Cosponsors

No cosponsors are listed for this bill.

Committee Activity

Committee	Chamber	Activity	Date
Commerce, Science, and Transportation Committee	Senate	Referred To	Feb 13, 2025

Subjects & Policy Tags

Policy Area:

Science, Technology, Communications

Related Bills

Bill	Relationship	Last Action
119 S 613	Identical bill	Oct 21, 2025: Placed on Senate Legislative Calendar under General Orders. Calendar No. 194.

Improving Flood and Agricultural Forecasts Act of 2025

This bill provides statutory authority for the National Mesonet Program (NMP) maintained by the National Oceanic and Atmospheric Administration (NOAA). (Mesonets are networks of automated weather and soil observation stations that collect data used in measuring, tracking, and forecasting weather and its effects. The NMP is a national network of local mesonets that collects and disseminates non-federal atmospheric weather observations in the United States.)

The bill sets forth certain requirements for the NMP, including that the program must obtain weather observations in order to improve understanding and forecasting of atmospheric, drought, fire, and water events, and establish means to integrate increased numbers and types of environmental observations into the program annually. However, NOAA may obtain data under the program only when it is demonstrably cost effective and meets or exceeds certain data quality standards.

Of funds appropriated to the program annually, NOAA must award at least 15% to state, tribal, private, and academic entities seeking to build, expand, or upgrade mesonet system equipment and capacity. Entities receiving funds must agree to provide data to the NMP. In allocating funding, NOAA must prioritize providing funds to entities in remote areas and areas that lack environmental monitoring stations.

NOAA must also ensure the NMP has an active advisory committee, comprised of subject matter experts, to make recommendations on data needs and procurement, among other topics.

Actions Timeline

- **Feb 13, 2025:** Introduced in Senate
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