

119TH CONGRESS
1ST SESSION

S. 2437

To amend the Snow Water Supply Forecasting Program Authorization Act to reauthorize the Snow Water Supply Forecasting Program, and for other purposes.

IN THE SENATE OF THE UNITED STATES

JULY 24, 2025

Mr. HICKENLOOPER (for himself and Mr. CURTIS) introduced the following bill; which was read twice and referred to the Committee on Energy and Natural Resources

A BILL

To amend the Snow Water Supply Forecasting Program Authorization Act to reauthorize the Snow Water Supply Forecasting Program, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Snow Water Supply
5 Forecasting Program Reauthorization Act of 2025”.

6 **SEC. 2. SNOW WATER SUPPLY FORECASTING PROGRAM.**

7 The Snow Water Supply Forecasting Program Au-
8 thorization Act (43 U.S.C. 1477) is amended—

9 (1) in subsection (c)(2)—

(A) in subparagraph (A), by striking “culminating in the report required under subsection (d)(3)” and inserting “with an emphasis on development and deployment of technologies that integrate snowpack measuring and modeling”; and

(B) in subparagraph (B), by striking “after submitting the report required by subsection (d)(3),”;

(2) in subsection (d)—

(A) in paragraph (1)—

(i) in the paragraph heading, by inserting “WITH INTEGRATED MODELING” after “DATA”;

(ii) in the matter preceding subparagraph (A), by striking “emerging technologies for snowpack measurement, such as” and inserting “technologies for snowpack measurements and models, including”;

(iii) in subparagraph (B), by striking “and” at the end; and

(iv) by striking subparagraph (C) and inserting the following:

“(C) imaging spectroscopy;

1 “(D) machine learning;

2 “(E) integrated snowpack and hydrologic
3 modeling; and

4 “(F) other technologies that the Secretary
5 determines are likely to provide more accurate
6 or timely snowpack measurement data to in-
7 form water management and reservoir oper-
8 ations.”;

9 (B) in paragraph (2), by striking “emerg-
10 ing technologies for snowpack measurement”
11 and inserting “technologies for snowpack meas-
12 urement, including the Department of Agri-
13 culture and the National Oceanic and Atmos-
14 pheric Administration”; and

15 (C) by striking paragraph (3);

16 (3) in subsection (e)—

17 (A) in paragraph (1)—

18 (i) by striking “After submitting the
19 report required under subsection (d)(3),
20 the” and inserting “The”; and

21 (ii) by inserting “and water supply
22 forecasts” after “snowpack measurement”;
23 and

24 (B) by striking paragraph (2) and insert-
25 ing the following:

1 “(2) FOCUS.—The program shall focus on ac-
2 tivities that will maintain, establish, expand, or ad-
3 vance snowpack measurement and integrated mod-
4 eling, with an emphasis on—

5 “(A) enhancing activities to achieve im-
6 proved snow and water supply forecasting re-
7 sults that are more responsive to changing
8 weather and watershed conditions;

9 “(B) activities in river basins where activi-
10 ties described in this section relating to
11 snowpack measurement and water supply fore-
12 casting can inform water management decisions
13 or models at a multi-water user, multi-basin, or
14 multi-State scale, including interstate water
15 management decisions; and

16 “(C) building the capacity of program
17 partners to implement and adapt to the new
18 measurement and forecasting capabilities en-
19 abled under the program.”;

20 (4) in subsection (f)—

21 (A) in the matter preceding paragraph (1),
22 by striking “this Act” and inserting “the Snow
23 Water Supply Forecasting Program Reauthor-
24 ization Act of 2025”;

1 (B) in paragraph (2), by striking “or sub-
2 basin”;

3 (C) by redesignating paragraph (2) as
4 paragraph (3); and

5 (D) by striking paragraph (1) and insert-
6 ing the following:

7 “(1) a list of basins for which snowpack meas-
8 urement and integrated modeling technologies are
9 being used under the program, including a descrip-
10 tion of each application, outcome, and data resource
11 used;

12 “(2) an assessment of which technologies best
13 inform water supply forecasting for multiple water
14 districts, communities, or States; and”; and

15 (5) in subsection (g), by striking “\$15,000,000,
16 in the aggregate, for fiscal years 2022 through
17 2026” and inserting “\$6,500,000 for each of fiscal
18 years 2027 through 2031”.

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