

119TH CONGRESS
2D SESSION

S. 2437

AN ACT

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,*

1 **SECTION 1. SHORT TITLE.**

2 This Act may be cited as the “Snow Water Supply
3 Forecasting Program Reauthorization Act of 2026”.

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

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

7 (1) in subsection (c)(2)—

8 (A) in subparagraph (A)—

9 (i) by striking “develop” and inserting
10 “continue developing”; and

11 (ii) by striking “culminating in the re-
12 port required under subsection (d)(3)” and
13 inserting “with an emphasis on develop-
14 ment and deployment of more accurate,
15 timely, and cost-effective snow monitoring
16 technologies and water supply forecasting,
17 including technologies that integrate
18 snowpack measuring and modeling”; and

19 (B) in subparagraph (B)—

20 (i) by striking “after submitting the
21 report required by subsection (d)(3),”; and

22 (ii) by inserting “and to improve
23 water supply forecasting” after “water-
24 sheds”;

25 (2) in subsection (d)—

26 (A) in paragraph (1)—

1 (i) in the paragraph heading, by in-
 2 serting “AND WATER SUPPLY FORE-
 3 CASTING” after “DATA”;

4 (ii) in the matter preceding subpara-
 5 graph (A), by striking “emerging tech-
 6 nologies for snowpack measurement, such
 7 as” and inserting “technologies for
 8 snowpack measurements and methods to
 9 forecast water supply, including”;

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

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

14 “(C) imaging spectroscopy;

15 “(D) machine learning;

16 “(E) snowpack and hydrologic modeling;

17 and

18 “(F) other technologies that the Secretary
 19 determines are likely to provide more accurate
 20 or timely snowpack measurement data or ana-
 21 lytical methods utilizing snowpack data that
 22 can improve water supply forecasting to inform
 23 water management and reservoir operations.”;

24 (B) in paragraph (2), by striking “emerg-
 25 ing technologies for snowpack measurement”

and inserting “technologies for snowpack measurement and models, including the Department of Agriculture and the National Oceanic and Atmospheric Administration”; and

(C) by striking paragraph (3);

(3) in subsection (e)—

(A) in paragraph (1)—

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

(ii) by striking “in particular watersheds” and inserting “and water supply forecasts in particular watersheds and to explore new statistical, machine learning, or physical models to generate improved water supply forecasts utilizing snowpack data”; and

(B) by striking paragraph (2) and inserting the following:

“(2) FOCUS.—The program shall focus on activities that will maintain, establish, expand, or advance snowpack measurement and modeling projected water supply, with an emphasis on—

“(A) enhancing activities to achieve improved snow and water supply forecasting re-

1 sults that are more responsive to changing
2 weather and watershed conditions;

3 “(B) activities in river basins where activi-
4 ties described in this section relating to
5 snowpack measurement and water supply fore-
6 casting can inform water management decisions
7 or models at a multi-water user, multi-basin, or
8 multi-State scale, including interstate water
9 management decisions; and

10 “(C) building the capacity of program
11 partners to implement and adapt to the new
12 measurement and forecasting capabilities en-
13 abled under the program.”;

14 (4) in subsection (f)—

15 (A) in the matter preceding paragraph (1),
16 by striking “this Act” and inserting “the Snow
17 Water Supply Forecasting Program Reauthor-
18 ization Act of 2026”;

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

21 (C) by redesignating paragraph (2) as
22 paragraph (4); and

23 (D) by striking paragraph (1) and insert-
24 ing the following:

1 “(1) a list of basins for which snowpack meas-
 2 urement and integrated modeling technologies are
 3 being used under the program, including a descrip-
 4 tion of each application, outcome, and data resource
 5 used;

6 “(2) an assessment of which technologies best
 7 inform water supply forecasting for multiple water
 8 districts, communities, or States;

9 “(3) an assessment of forecasts generated using
 10 new technologies authorized under this Act com-
 11 pared against water supply forecast benchmarks
 12 from the Department of Agriculture and the Na-
 13 tional Oceanic and Atmospheric Administration;
 14 and”;

15 (5) in subsection (g), by striking “\$15,000,000,
 16 in the aggregate, for fiscal years 2022 through
 17 2026” and inserting “\$3,000,000 for each of fiscal
 18 years 2027 through 2031”.

Passed the Senate September 30, 2026.

Attest:

Secretary.

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