

119TH CONGRESS
1ST SESSION

H. R. 3857

To amend the Snow Water Supply Forecasting Program Authorization Act.

IN THE HOUSE OF REPRESENTATIVES

JUNE 10, 2025

Mr. HURD of Colorado (for himself and Mr. NEGUSE) introduced the following bill; which was referred to the Committee on Natural Resources

A BILL

To amend the Snow Water Supply Forecasting Program Authorization Act.

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 Reauthorization Act of 2025”.

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

7 Section 1111 of the Snow Water Supply Forecasting
8 Program Authorization Act (43 U.S.C. 1477) is amend-
9 ed—

10 (1) in subsection (c)(2)—

1 (A) in subparagraph (A), by striking “cul-
2minating in the report required under sub-
3section (d)(3)” and inserting “with an emphasis
4on deployment of technologies that provide inte-
5gration of snowpack measuring and modeling”;
6and

7 (B) in subparagraph (B), by striking
8“after submitting the report required by sub-
9section (d)(3),”;

10 (2) in subsection (d)—

11 (A) in paragraph (1)—

12 (i) in the heading, by adding “WITH
13INTEGRATED MODELING” after “DATA”;

14 (ii) by striking “emerging technologies
15for snowpack measurement, such as” and
16inserting “commercially available tech-
17nologies that provide complete integration
18of accurate, timely, and spatially complete
19snowpack measurements and models, in-
20cluding the integration of”; and

21 (iii) by striking subparagraphs (A)
22through (C) and inserting the following:

23 “(A) airborne laser altimetry;

24 “(B) airborne imaging spectroscopy;

1 “(C) integrated physics-based snowpack
2 and hydrologic modeling; and

3 “(D) other technologies that the Secretary
4 determines are likely to provide more accurate
5 or timely snowpack measurement data commensurate
6 with operational water management
7 needs.”; and

8 (B) by striking paragraph (3);
9 (3) in subsection (e)—

10 (A) in paragraph (1), by striking “After
11 submitting the report required under subsection
12 (d)(3), the” and inserting “The”; and

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

15 “(2) FOCUS.—The program shall focus on activities
16 that will maintain, establish, expand, or advance snowpack
17 measurement and integrated modeling, with an emphasis on—
18

19 “(A) enhancing activities to achieve improved snow and
20 water supply forecasting results that are more responsive to
21 changing weather and watershed conditions;
22

23 “(B) real-time integration of activities described in this
24 section with water supply forecasts;
25

1 “(C) activities in river basins where activi-
2 ties described in this section can produce snow
3 and water supply data to inform water manage-
4 ment decisions, including interstate water man-
5 agement decisions; and

6 “(D) building program partners’ capacity
7 to implement and adapt to the new measure-
8 ment and forecast capabilities enabled under
9 this program.”;

10 (4) in subsection (f)—

11 (A) by striking “of this Act” and inserting
12 “of the Snow Water Supply Forecasting Reau-
13 thorization Act of 2025”;

14 (B) in paragraph (1)—

15 (i) by striking “and sub-basins”;

16 (ii) by striking “technologies” and in-
17 serting “and integrated modeling tech-
18 nologies”; and

19 (iii) by striking “technology used” and
20 inserting “application, outcome, and data
21 resources used”; and

22 (C) in paragraph (2), by striking “or sub-
23 basin”; and

24 (5) in subparagraph (g), by striking “, in the
25 aggregate, for fiscal years 2022 through 2026” and

1 inserting “for each of fiscal years 2027 through
2 2031”.

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