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(Original Signature of Member)

119TH CONGRESS
1ST SESSION

H. R. 3857

To amend the Snow Water Supply Forecasting Program Authorization Act.

IN THE HOUSE OF REPRESENTATIVES

Mr. HURD of Colorado introduced the following bill; which was referred to the Committee on _____

A BILL

To amend the Snow Water Supply Forecasting Program Authorization Act.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE.

This Act may be cited as the "Snow Water Supply Forecasting Reauthorization Act of 2025".

SEC. 2. SNOW WATER SUPPLY FORECASTING PROGRAM.

Section 1111 of the Snow Water Supply Forecasting Program Authorization Act (43 U.S.C. 1477) is amended—

(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 deployment of technologies that provide integration of 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 heading, by adding "WITH INTEGRATED MODELING" after "DATA";

(ii) by striking "emerging technologies for snowpack measurement, such as" and inserting "commercially available technologies that provide complete integration of accurate, timely, and spatially complete snowpack measurements and models, including the integration of"; and

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

"(A) airborne laser altimetry;

"(B) airborne imaging spectroscopy;

"(C) integrated physics-based snowpack and hydrologic modeling; and

"(D) other technologies that the Secretary determines are likely to provide more accurate or timely snowpack measurement data commensurate with operational water management needs."; and

(B) by striking paragraph (3);

(3) in subsection (e)—

(A) in paragraph (1), by striking "After submitting the report required under subsection (d)(3), the" and inserting "The"; 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 integrated modeling, with an emphasis on—

"(A) enhancing activities to achieve improved snow and water supply forecasting results that are more responsive to changing weather and watershed conditions;

"(B) real-time integration of activities described in this section with water supply forecasts;

"(C) activities in river basins where activities described in this section can produce snow and water supply data to inform water management decisions, including interstate water management decisions; and

"(D) building program partners' capacity to implement and adapt to the new measurement and forecast capabilities enabled under this program.";

(4) in subsection (f)—

(A) by striking "of this Act" and inserting "of the Snow Water Supply Forecasting Reauthorization Act of 2025";

(B) in paragraph (1)—

(i) by striking "and sub-basins";

(ii) by striking "technologies" and inserting "and integrated modeling technologies"; and

(iii) by striking "technology used" and inserting "application, outcome, and data resources used"; and

(C) in paragraph (2), by striking "or sub-basin"; and

(5) in subparagraph (g), by striking ", in the aggregate, for fiscal years 2022 through 2026" and

inserting "for each of fiscal years 2027 through 2031".