

**AMENDMENT IN THE NATURE OF A SUBSTITUTE**  
**TO H.R. 3857**  
**OFFERED BY MR. HURD OF COLORADO**

Strike all after the enacting clause and insert the following:

**1 SECTION 1. SHORT TITLE.**

2       This Act may be cited as the “Snow Water Supply  
3 Forecasting Reauthorization Act of 2025”.

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

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

8           (1) in subsection (c)(2)—

9               (A) in subparagraph (A), by striking “cul-  
10 minating in the report required under sub-  
11 section (d)(3)” and inserting “with an emphasis  
12 on deployment of technologies that provide inte-  
13 gration of snowpack measuring and modeling”;  
14 and

15               (B) in subparagraph (B), by striking  
16 “after submitting the report required by sub-  
17 section (d)(3),”;

18           (2) in subsection (d)—

1 (A) in paragraph (1)—

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

4 (ii) by striking “emerging technologies  
5 for snowpack measurement, such as” and  
6 inserting “technologies that provide com-  
7 plete integration of accurate, timely, and  
8 spatially complete snowpack measurements  
9 and models, including the integration of”;  
10 and

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

13 “(A) airborne laser altimetry;

14 “(B) imaging spectroscopy;

15 “(C) integrated physics-based snowpack  
16 and hydrologic modeling; and

17 “(D) other technologies that the Secretary  
18 determines are likely to provide more accurate  
19 or timely snowpack measurement data commen-  
20 surate with operational water management  
21 needs.”;

22 (B) in paragraph (2) by inserting “, in-  
23 cluding the National Oceanic and Atmospheric  
24 Administration and the Natural Resources Con-

1           servation Service,” after “other Federal agen-  
2           cies”; and

3           (C) by striking paragraph (3);  
4           (3) in subsection (e)—

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

8           (B) by striking paragraph (2) and insert-  
9           ing the following:

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

14               “(A) enhancing activities to achieve im-  
15               proved snow and water supply forecasting re-  
16               sults that are more responsive to changing  
17               weather and watershed conditions;

18               “(B) real-time integration of activities de-  
19               scribed in this section with water supply fore-  
20               casts;

21               “(C) activities in river basins where activi-  
22               ties described in this section can produce snow  
23               and water supply data to inform water manage-  
24               ment decisions, including interstate water man-  
25               agement decisions; and

1 “(D) building program partners’ capacity  
2 to implement and adapt to the new measure-  
3 ment and forecast capabilities enabled under  
4 this program.”;

5 (4) in subsection (f)—

6 (A) by striking “of this Act” and inserting  
7 “of the Snow Water Supply Forecasting Reau-  
8 thorization Act of 2025”;

9 (B) in paragraph (1)—

10 (i) by striking “and sub-basins”;

11 (ii) by striking “technologies” and in-  
12 serting “and integrated modeling tech-  
13 nologies”; and

14 (iii) by striking “technology used” and  
15 inserting “application, outcome, and data  
16 resources used”; and

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

19 (5) in subparagraph (g), by striking  
20 “\$15,000,000, in the aggregate, for fiscal years  
21 2022 through 2026” and inserting “\$6,500,000 for  
22 each of fiscal years 2027 through 2031”.

