

**S. 1118, Evapotranspiration Data Act**

As ordered reported by the Senate Committee on Energy and Natural Resources on December 14, 2023

By Fiscal Year, Millions of Dollars	2024	2024-2028	2024-2033
Direct Spending (Outlays)	0	0	0
Revenues	0	0	0
Increase or Decrease (-) in the Deficit	0	0	0
Spending Subject to Appropriation (Outlays)	4	50	55
Increases <i>net direct spending</i> in any of the four consecutive 10-year periods beginning in 2034?	No	Statutory pay-as-you-go procedures apply?	No
		<b>Mandate Effects</b>	
Increases <i>on-budget deficits</i> in any of the four consecutive 10-year periods beginning in 2034?	No	Contains intergovernmental mandate?	No
		Contains private-sector mandate?	No

S. 1118 would authorize the appropriation of specific amounts each year from 2024 through 2028, totaling \$56 million, for the U.S. Geological Survey (USGS) to improve research and data collection on evapotranspiration. (Evapotranspiration is the process by which water moves into the atmosphere by evaporation from land and by transpiration from plants.) The USGS uses evapotranspiration data from large landscapes to inform its estimates of water availability and consumption. The bill also would require the USGS to establish an advisory committee on evapotranspiration data and report to the Congress within two years of enactment on the accuracy, limitations, and uses of the data.

Using information on historical spending patterns for similar activities, CBO estimates that implementing S. 1118 would cost \$50 million over the 2024-2028 period and \$5 million after 2028, assuming appropriation of the authorized amounts.

The costs of the legislation, detailed in Table 1, fall within budget function 300 (natural resources and environment).

See also

[CBO's Cost Estimates Explained](#), [CBO Describes Its Cost-Estimating Process](#), [Glossary](#)



**Table 1.  
Estimated Increases in Spending Subject to Appropriation Under S. 1118**

	By Fiscal Year, Millions of Dollars										2024- 2028	2024- 2033
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033		
Authorization	5	8	11	15	17	0	0	0	0	0	56	56
Estimated Outlays	4	7	10	13	16	4	1	0	0	0	50	55

The CBO staff contact for this estimate is Emma Uebelhor. The estimate was reviewed by H. Samuel Papenfuss, Deputy Director of Budget Analysis.

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