

AMENDMENT NO. \_\_\_\_\_ Calendar No. \_\_\_\_\_

Purpose: To add a section to the bill regarding weather impacts to communities and infrastructure.

**IN THE SENATE OF THE UNITED STATES—114th Cong., 1st Sess.**

**S. 1331**

To help enhance ~~commerce~~<sup>commerce</sup> through improved seasonal forecasts, and for other purposes.

Referred to the Committee on \_\_\_\_\_ and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by \_\_\_\_\_

Viz:

- 1 At the appropriate place, add the following:
- 2 **SEC. \_\_\_\_ . WEATHER IMPACTS TO COMMUNITIES AND IN-**
- 3 **FRASTRUCTURE.**
- 4 (a) REVIEW.—The National Weather Service shall re-
- 5 view existing research, products, and services that meet
- 6 the specific needs of the urban environment, given its
- 7 unique physical characteristics and forecasting challenges.
- 8 The review should include research, products, and services
- 9 with the potential to improve modeling and forecasting ca-
- 10 pabilities, by taking into account factors including varying
- 11 building heights, impermeable surfaces, such as paved

1 roads and parking lots, lack of tree canopy, traffic pollu-  
2 tion, and inter-building wind effects.

3 (b) REPORT.—Upon completion of the review under  
4 subsection (a), the Under Secretary of Commerce for  
5 Oceans and Atmosphere shall submit to Congress a report,  
6 based on the review, public comment, and recent publica-  
7 tions by the National Academy of Sciences, with a plan  
8 for how any unmet research, modeling, and forecasting  
9 needs can be addressed and improved for high density pop-  
10 ulations center end users.