

**AMENDMENT**

**OFFERED BY MS. BONAMICI OF OREGON**

At the end of the bill, add the following new section:

1 **SEC. 18. SECTOR-RELEVANT WEATHER DATA FOR ECO-**  
2 **NOMIC GROWTH.**

3 (a) PROGRAM.—Not later than 180 days after the  
4 date of enactment of this Act, the Under Secretary, acting  
5 through the Assistant Administrator for NWS, shall es-  
6 tablish a program to strengthen the use of weather-related  
7 information to help America’s industry better anticipate,  
8 plan, and make key decisions to increase economic produc-  
9 tivity and protect lives and livelihoods.

10 (b) GOAL.—The goal of the program under this sec-  
11 tion shall be to enhance collaboration between NWS and  
12 the private sector to provide data, information, and tools  
13 to reduce the costs of weather-related events while cre-  
14 ating new economic opportunities.

15 (c) PLAN.—To establish this program, NWS shall—  
16 (1) consult with American commercial entities  
17 and associations to identify needs and opportunities  
18 for improved delivery of forecast data, information,  
19 and tools to support more accurate and timely fore-

1 casting for economic activities particularly sensitive  
2 to weather variation;

3 (2) consult with commercial entities and asso-  
4 ciations of economic sectors particularly impacted by  
5 weather variation, including the air transportation,  
6 surface transportation, shipping, fisheries, agri-  
7 culture, and energy industries, as well as such other  
8 sectors as NWS considers appropriate;

9 (3) work with America's weather and climate  
10 industry to develop and implement complementary  
11 information services and decision tools to support  
12 the purposes of this program;

13 (4) consult with other State and Federal enti-  
14 ties, including other elements of NOAA, that can  
15 partner with NWS in implementing this plan;

16 (5) set measures of success reflecting gains in  
17 economic efficiency from reducing weather-related  
18 costs and spurring growth in commercial services;  
19 and

20 (6) complete this plan, and transmit it to the  
21 Committee on Science, Space, and Technology of the  
22 House of Representatives and the Committee on  
23 Commerce, Space, and Transportation of the Senate,  
24 within 180 days after the date of enactment of this  
25 Act.

1 (d) PROGRAM IMPLEMENTATION.—In carrying out  
2 this program, NOAA shall take steps to—

3 (1) capture and make available observational  
4 data that has been identified as essential to improv-  
5 ing specialized forecasting needs;

6 (2) develop tools, information, and applications  
7 that can be used to enhance forecasting skill for spe-  
8 cialized forecasting needs;

9 (3) engage in modeling and prediction to extend  
10 temporal scales of weather prediction with improved  
11 accuracy and confidence to support decisionmaking  
12 and mitigate economic loss; and

13 (4) examine opportunities to use new data,  
14 tools, and applications to improve NWS forecasts for  
15 public safety purposes.

