

107TH CONGRESS  
1ST SESSION

# H. R. 2486

To authorize the National Weather Service to conduct research and development, training, and outreach activities relating to tropical cyclone inland forecasting improvement, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

JULY 12, 2001

Mr. ETHERIDGE (for himself, Mr. BOEHLERT, Mr. HALL of Texas, Mr. BRADY of Texas, Mr. MCINTYRE, Mr. JONES of North Carolina, Mr. PRICE of North Carolina, Mr. BARRETT of Wisconsin, Mr. MARKEY, Ms. JACKSON-LEE of Texas, Ms. MCKINNEY, Mrs. CHRISTENSEN, Mr. LANTOS, Mr. HOFFEL, Mrs. CLAYTON, Mr. CRAMER, and Mr. DIAZ-BALART) introduced the following bill; which was referred to the Committee on Science

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## A BILL

To authorize the National Weather Service to conduct research and development, training, and outreach activities relating to tropical cyclone inland forecasting improvement, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Tropical Cyclone In-  
5 land Forecasting Improvement and Warning System De-  
6 velopment Act of 2001”.

1 **SEC. 2. AUTHORIZED ACTIVITIES.**

2 The National Weather Service shall—

3 (1) improve the capability, through research  
4 and modeling, to forecast accurately inland flooding  
5 associated with tropical cyclones;

6 (2) develop, test, and deploy a simple and dis-  
7 tinct inland flood warning index or system, for use  
8 by the public and emergency management officials,  
9 that clearly defines inland flood risks and dangers;

10 (3) train emergency management officials, Na-  
11 tional Weather Service personnel, meteorologists,  
12 and others as appropriate regarding improved fore-  
13 casting techniques for inland flooding, risk manage-  
14 ment techniques, and use of the inland flood warn-  
15 ing index or system developed under paragraph (2);  
16 and

17 (4) conduct outreach and education activities  
18 for local meteorologists and the public regarding the  
19 dangers and risks associated with tropical cyclone-  
20 induced inland flooding and the use and under-  
21 standing of the inland flood warning index or system  
22 developed under paragraph (2).

23 **SEC. 3. AUTHORIZATION OF APPROPRIATIONS.**

24 There are authorized to be appropriated to the Na-  
25 tional Weather Service for carrying out this Act  
26 \$1,150,000 for each of the fiscal years 2002 through

1 2006. Of the amounts authorized under this section,  
2 \$250,000 for each fiscal year shall be available for a grant  
3 to an institution of higher learning equipped to further  
4 the development and application of an interactively cou-  
5 pled modeling, environmental, and predictive system to  
6 improve the ability to forecast coastal and estuary-inland  
7 flooding associated with tropical cyclones.

8 **SEC. 4. REPORT.**

9 Not later than 90 days after the date of the enact-  
10 ment of this Act, and annually thereafter through fiscal  
11 year 2006, the National Weather Service shall transmit  
12 to the Committee on Science of the House of Representa-  
13 tives and the Committee on Commerce, Science, and  
14 Transportation of the Senate a report on its activities  
15 under this Act and the success and acceptance of the in-  
16 land flood warning index or system developed under sec-  
17 tion 2(2) by the public and emergency management pro-  
18 fessionals.

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