

112TH CONGRESS
1ST SESSION

S. 566

To provide for the establishment of the National Volcano Early Warning
and Monitoring System.

IN THE SENATE OF THE UNITED STATES

MARCH 14, 2011

Ms. MURKOWSKI introduced the following bill; which was read twice and
referred to the Committee on Energy and Natural Resources

A BILL

To provide for the establishment of the National Volcano
Early Warning and Monitoring System.

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 “National Volcano Early
5 Warning and Monitoring Program Act”.

6 **SEC. 2. DEFINITIONS.**

7 In this Act:

8 (1) PROGRAM.—The term “program” means
9 the National Volcano Early Warning and Monitoring
10 Program established under section 3(a).

1 (2) SECRETARY.—The term “Secretary” means
2 the Secretary of the Interior.

3 **SEC. 3. NATIONAL VOLCANO EARLY WARNING AND MONI-**
4 **TORING PROGRAM.**

5 (a) ESTABLISHMENT.—The Secretary shall establish
6 within the United States Geological Survey a program to
7 be known as the “National Volcano Early Warning and
8 Monitoring Program”.

9 (b) COMPONENTS.—The program shall consist of a
10 national volcano watch office and data center, which shall
11 oversee and coordinate the activities of United States Geo-
12 logical Survey regional volcano watch and data centers.

13 (c) PURPOSES.—The purposes of the program are—

14 (1) to monitor and study volcanoes and volcanic
15 activity throughout the United States at a level com-
16 mensurate with the threat posed by each volcano;
17 and

18 (2) to warn and protect people and property
19 from undue and avoidable harm from volcanic activ-
20 ity.

21 **SEC. 4. MANAGEMENT.**

22 (a) MANAGEMENT PLAN.—

23 (1) IN GENERAL.—Not later than 1 year after
24 the date of enactment of this Act, the Secretary

1 shall prepare a management plan for establishing
2 and operating the program.

3 (2) INCLUSIONS.—The management plan shall
4 include—

5 (A) annual cost estimates of—

6 (i) operating the program; and

7 (ii) updating the data collection, moni-
8 toring, and analysis systems;

9 (B) annual standards and performance
10 goals; and

11 (C) recommendations for establishing new,
12 or enhancing existing, partnerships with State
13 agencies or universities.

14 (b) PARTNERSHIPS.—The Secretary may enter into
15 cooperative agreements or partnerships with State agen-
16 cies and universities, under which the Secretary may des-
17 ignate the agency or university as volcano observatory
18 partners for the program.

19 (c) COORDINATION WITH OTHER FEDERAL AGEN-
20 CIES.—The Secretary shall coordinate activities author-
21 ized under this Act with the heads of relevant Federal
22 agencies including—

23 (1) the Secretary of Transportation;

24 (2) the Secretary of Commerce;

1 (3) the Administrator of the Federal Aviation
2 Administration; and

3 (4) the Director of the Federal Emergency
4 Management Administration.

5 (d) GRANT PROGRAM.—

6 (1) IN GENERAL.—The Secretary may establish
7 a competitive grant program to support research and
8 monitoring of volcanic activities in furtherance of
9 this Act.

10 (2) COST-SHARING REQUIREMENT.—The non-
11 Federal share of the total cost of an activity pro-
12 vided assistance under this subsection shall be 25
13 percent.

14 (e) ANNUAL REPORT.—The Secretary shall annually
15 submit to Congress a report that describes the activities
16 undertaken during the previous year to carry out this Act.

17 **SEC. 5. AUTHORIZATION OF APPROPRIATIONS.**

18 There are authorized to be appropriated to carry out
19 this Act \$15,000,000 for each of fiscal years 2012 through
20 2022.

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