

HLWYM HEmails

From: Donald Hooper
Sent: Friday, December 17, 2004 10:50 AM
To: bhill@cnwra.swri.edu; Roland Benke
Subject: RARI comments

Britt and Roland:

Brett Leslie called with some questions about our RARI chapter on ash remobilization. He thought we could have addressed the probability issue more thoroughly. For example, we have the initial deposit, fluvial redistributed, and eolian remobilized, but he wanted to know the likelihood of all three to occur.

His other points/comments:

- What percentage of time is the deposit in the watershed? (Hmm, or is he really asking what percentage of the deposit has fallen in the watershed - which we have a value or range of values for?)
- There appears to be no heavy eolian disturbance (considering the Amargosa Valley farms).
- Help communicate these probabilities. From his reading of the chapter, he felt that it seems like all 3 sources occur at once (despite Roland's figure).
- What about burial - is it neglected?
- Three figures would help:
 - a. One showing the Fortymile Wash watershed (yup, we don't have it in this chapter).
 - b. Wind rose diagram.
 - c. More on probability (as it relates to the three sources).

I think I pacified his concerns at least a bit. And some of these points I should have caught. I was also trying to explain that these eruptions can last long enough so that you'll see the full spectrum of wind directions. He seemed to be thinking in terms of short time periods - like hours. Perhaps our models are lacking in explicitly explaining the wind distribution.

-Don

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