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D. C. GEOLOGICAL SURVEY  
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EXPLANATION

- Area of potential danger from particle-and-gas clouds
- Physical boundary of risk zone, approximately located
- Judgmental boundary of risk zone, approximately located
- Classification of risk, degree of risk increases from A through F
- Vents: central vents (dots) and fissures (lines)
- Boundary, approximately located, and date of historic flow
- Boundary, approximately located, of major volcano, such as Kilauea

Notes: The location of a specific point on the map may be in error by as much as 1/4 inch.

Locations of vents and flows mostly from Stearns and Macdonald (1946).

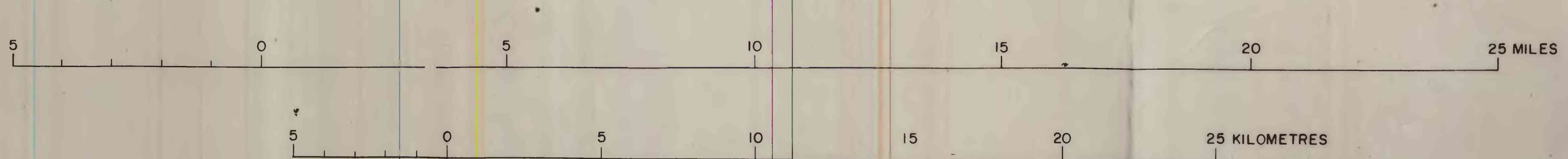


PLATE I.--MAP OF ZONES OF OVERALL RELATIVE RISK FROM VOLCANIC HAZARDS, ISLAND OF HAWAII  
By  
Donal R. Mullineux and Donald W. Peterson  
1974

Base from U.S. Geological Survey, Hawaii North and Hawaii South 1:250,000, 1941.

This map is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.

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IN BACK OF BOUND VOLUME