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9. Tony Taylor and an Eruption Time Cluster: 1951-1966 Eruptions of 1951-1957; Experiments in Prediction; Long Island Evacuation of 1953-1954; Bam Tragedy of 1954-1955; Evacuation of Manam and the 1956-1966 Eruptions; Tulumu 1953-1957 and the Obsidian Miners of Lou; 10. Plate Tectonics and False Alarms: 1960-1972; Advances in Science and Technology; Gas Emissions from Two Highlands Volcanoes; Volcanic-Disaster Preparations at Wau Township in 1967; Evacuation from Dawson Strait in 1969; Origin of the Dawson Strait Earthquakes and a Note on Volcanic False Alarms
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First Three Weeks

Sommario/riassunto

Volcanic eruptions have killed thousands of people and damaged homes, villages, infrastructure, subsistence gardens, and hunting and fishing grounds in Papua New Guinea and the Solomon Islands. The central business district of a town was destroyed by a volcanic eruption in the case of Rabaul in 1994. Volcanic disasters litter not only the recent written history of both countries—particularly Papua New Guinea—but are recorded in traditional stories as well. Furthermore, evidence for disastrous volcanic eruptions many times greater than any witnessed in historical times is to be found in the geological record. Volcanic risk is greater today than at any time previously because of larger, mainly sedentary populations on or near volcanoes in both countries. An attempt is made in this book to review what is known about past volcanic eruptions and disasters with a view to determining how best volcanic risk can be reduced today in this tectonically complex and volcanically threatening region
