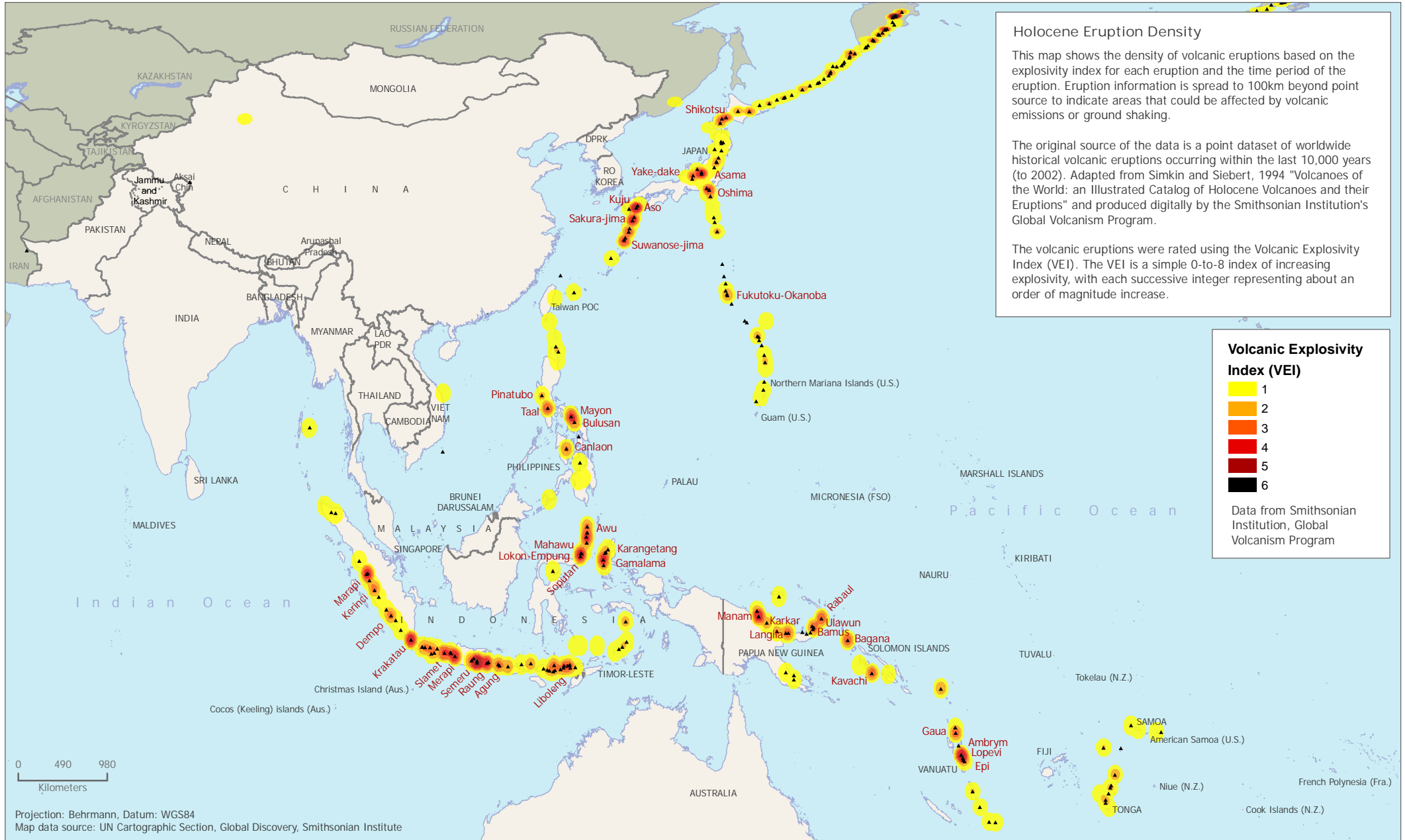




Holocene Eruptions and Selected Volcanoes in Asia Pacific

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Holocene Eruption Density

This map shows the density of volcanic eruptions based on the explosivity index for each eruption and the time period of the eruption. Eruption information is spread to 100km beyond point source to indicate areas that could be affected by volcanic emissions or ground shaking.

The original source of the data is a point dataset of worldwide historical volcanic eruptions occurring within the last 10,000 years (to 2002). Adapted from Simkin and Siebert, 1994 "Volcanoes of the World: an Illustrated Catalog of Holocene Volcanoes and their Eruptions" and produced digitally by the Smithsonian Institution's Global Volcanism Program.

The volcanic eruptions were rated using the Volcanic Explosivity Index (VEI). The VEI is a simple 0-to-8 index of increasing explosivity, with each successive integer representing about an order of magnitude increase.

Volcanic Explosivity Index (VEI)

Yellow	1
Orange	2
Red	3
Dark Red	4
Black	5
Black	6

Data from Smithsonian Institution, Global Volcanism Program

Projection: Behrmann, Datum: WGS84
Map data source: UN Cartographic Section, Global Discovery, Smithsonian Institute