Volcanic Explosivity in Africa

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 approximately the last 11,500 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.

Volcanic Explosivity

Index (VEI)
- 1 (gentle occurs daily)
- 2 (explosive occurs weekly)
- 3 (severe occurs yearly)
- 4 (cataclysmic occurs 10's of years)
- 5 (paroxysmal occurs 100's of years)
- 6 (colossal occurs 100's of years)

Holocene Volcano

Fault line

Data from Smithsonian Institution, Global Volcanism Program and ESRI

The names shown and the designations used on this map do not imply official endorsement or acceptance by the United Nations.