



| Types of volcanoes | |
|--------------------|--|
| ▲ | Calderas, lava domes, pumice cones, tuff cones |
| ▲ | Stratovolcanoes, lava cones, compound/complex volcanoes, pyroclastic cones/shields |
| ▲ | Shield volcanoes, cinder/scoria cones, fissure vents, submarine volcanoes, volcanic fields |
| ▲ | Maars, cones, fumaroles, hydrothermal fields |

Eruptions since 4000 BCE

Volcanic Explosivity Index (VEI)

- 0 - 2
- ☆ 3 - 5
- ★ 6 - 7
- no VEI 8 eruptions

| VEI | Description | Ash volume (km^3) |
|-----|----------------|------------------------------|
| 0 | Non-explosive | none |
| 1 | Gentle | >0.00001 |
| 2 | Effusive | >0.001 |
| 3 | Explosive | >0.01 |
| 4 | Cataclysmic | >0.1 |
| 5 | Paroxysmal | >1 |
| 6 | Colossal | >10 |
| 7 | Super-colossal | >100 |
| 8 | Mega-colossal | >1000 |

Volcanoes and volcanic eruptions

Data on volcano type and volcanic eruptions come from the Smithsonian Institution, Global Volcanism Program, downloaded from <http://www.volcano.si.edu/world/globalists.cfm>.
Map layout and design by Anne E. Egger, 2011.