

Gunung Api

- Tipe Erupsi
- Tipe Gunung Api
- Gunung Api dan Tektonik Lempeng



Tipe Erupsi

- Quiet
- Violent!

Quiet Erupsi



Violent Erupsi



Apa penyebab tenang atau meledak ?

- Jumlah Silikat di dalam magma
- Jumlah Air di dalam magma
- Gas lain di dalam magma

Magma Basal

- Magma composed of basalt.
- Mengandung sedikit air dan gas lainnya
- Mengandung sedikit silica.
- Minerals Mengandung Besi.
- Tipenya quiet eruptions.

Granitic Magma

- Magma is composed of granite.
- Contains large quantities of silica.
- Contains water and other gases.
- This magma is highly viscous.
- Eruptions are typically violent.

Types of Volcanoes: quiet eruptions...

- Shield volcanoes



Galapagos Island

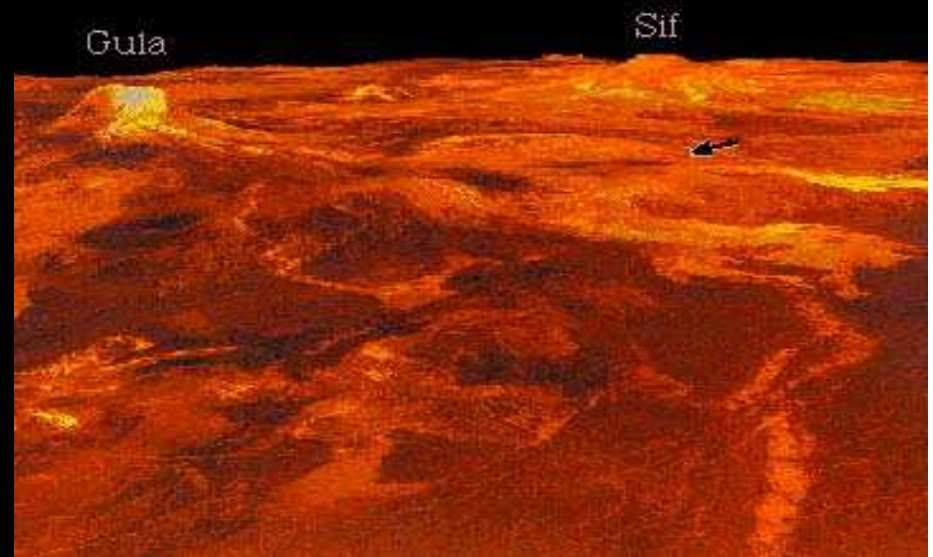
Shield Volcanoes



Mona Loa, Hawaii

Shield Volcanoes

Volcanoes of Mars



Shield Volcanoes



Powerline,
Hawaii

Fumarole Butte,
Utah

