

a vent	the opening through which lava flows out of the earth onto the surface
active volcano	a volcano that either is erupting now, or has erupted at some point during a recorded time period and is expected to erupt again.
cinder	bits of ash and lava put into the air by a cinder cone volcano.
crust	The outer layer of the Earth
dormant volcano	a volcano that has erupted in the distant past, but now is inactive and not expected to erupt again.

Earth's crust	the outer layer of the earth.
eruption	a volcanic explosion or large flow of lava, 火山爆发, извержение
extinct volcano	A volcano that does not have a recorded eruption and is not expected to erupt in the future. There is no guarantee that it will remain extinct.
Hawaiian eruption	volcano with runny lava and little or no ash, cinder, and steam It is a quiet eruption that may continue for long periods of time.
hot spots	places where a pool of intensely hot magma rises toward the surface

inner core

solid, dense center of the Earth

lava

magma that flows onto the Earth's surface, 岩浆, лава,

lithosphere

the crust and upper mantle of the earth. 岩石圈, litosfera, литосфера. In Chinese it sounds like "里都色浮而"

magma

melted rock inside the Earth

magma chambers

Pockets of molten rock deep in the earth's lithosphere

magnitude	the measurement of an earthquakes strength based on seismic waves and movement along faults
mantle	the layer of hot, solid material between Earth's crust and core
Mount Etna	Most active volcano in the world. [Sicily, Italy]
outer core	A layer of molten iron and nickel that surrounds the inner core of Earth.
Pelean eruption	Named after Mount Pelee, this is a very violent eruption that produces a pyroclastic flow, an avalanche of red-hot dust and gases which races down the side of the volcano.

Plinian eruption

spews out lava, and blows gases, ash, and debris into the atmosphere which can get caught in the winds and travel for miles. The most powerful type of eruption.

pyrochlastic flow

is when gases and molten rock exit the volcanoes at high speeds. 火山碎屑流, flujo piroclástico, пирокластических потоков

Strombolian eruption

Volcanoes that produces a fountain of lava that runs down the sides. Not considered violent or dangerous.

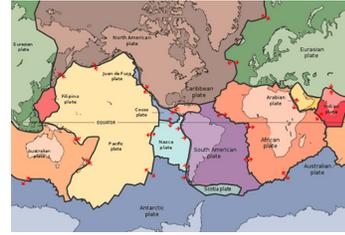
Submarine eruptions

underwater volcanoes that erupt

surface

the outermost level of the land or sea, внешний, 面儿

Tectonic plate



A large rigid section of the earth's crust that is in constant motion, 板块, placa tectónica, ТЕКТОНИЧЕСКИХ ПЛИТ

volcanic ash

clouds produced by erupting volcanoes filled with jagged bits of crushed rock

Vulcanian eruption

violent explosion that sends lava, ash, cinders, gas into the air