

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, 岩漿, 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.

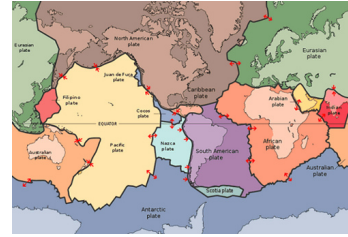
Submarine eruptions

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