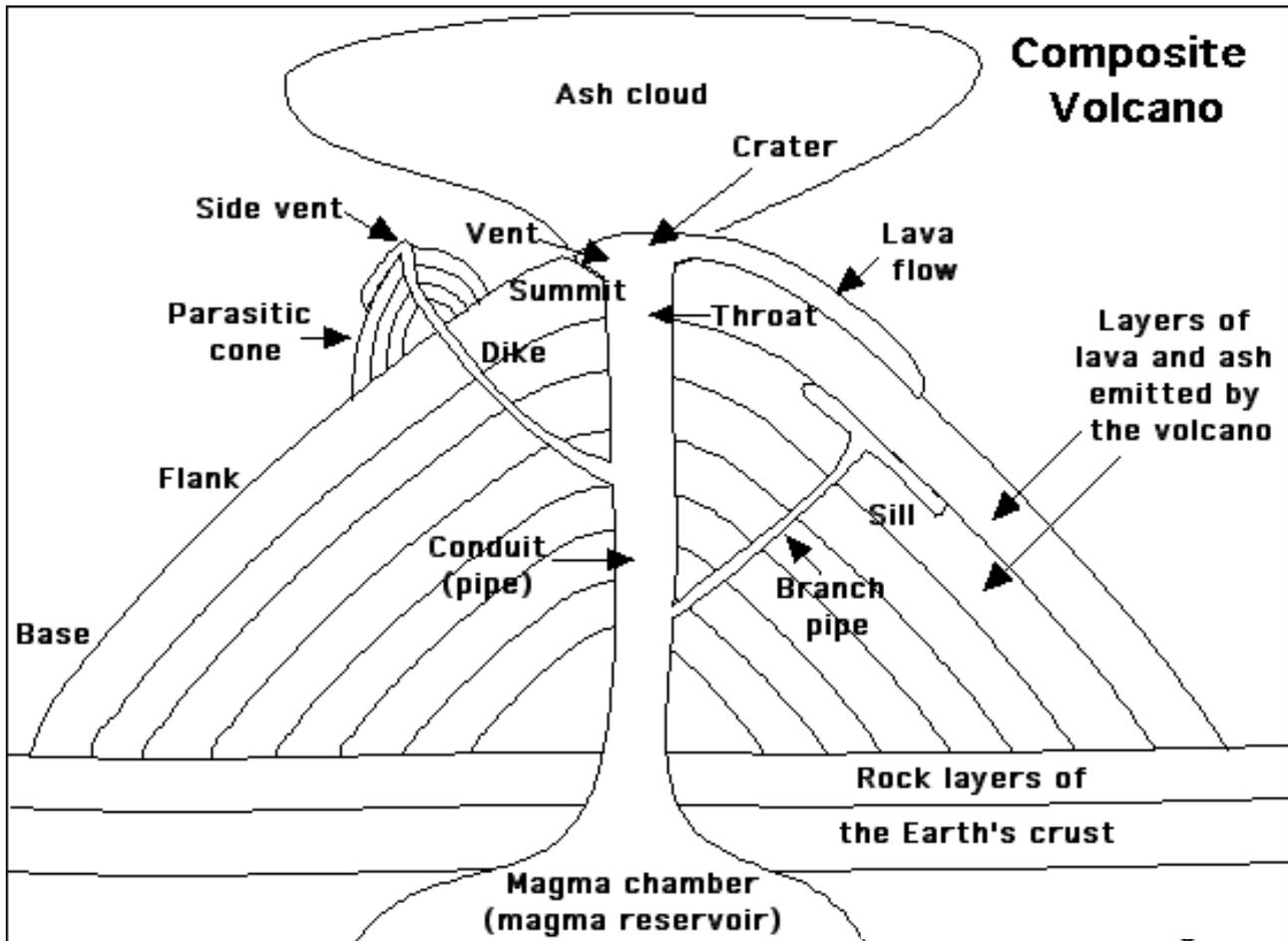


## Volcano Diagram Printout



A volcano is a place on the Earth's surface (or any other planet's or moon's surface) where molten rock, gases and pyroclastic debris erupt through the earth's crust. Volcanoes vary quite a bit in their structure - some are cracks in the earth's crust where lava erupts, and some are domes, shields, or mountain-like structures with a crater at the summit.

Magma is molten rock in the Earth's crust. When **magma** erupts through the earth's surface it is called **lava**. Lava can be thick and slow-moving or thin and fast-moving. Rock also comes from volcanoes in other forms, including ash (finely powdered rock that looks like dark smoke coming from the volcano), cinders (bits of fragmented lava), and pumice (light-weight rock that is full of air bubbles and is formed in explosive volcanic eruptions - this type of rock can float on water)

Volcanic eruptions can cause great damage and the loss of life and property.

### **The Word Volcano:**

The word volcano comes from the Roman god of fire, Vulcan. Vulcan was said to have had a forge (a place to melt and shape iron) on Vulcano, an active volcano on the Lipari Islands in Italy.

The largest volcano on Earth is Hawaii's Mauna Loa. Mauna Loa is about 6 miles (10 km) tall from the sea floor to its summit (it rises about 4 km above sea level). It also has the greatest volume of any volcano, 10,200 cubic miles (42,500 cubic kilometers).

# Volcano:

Fill in the blanks below using words from the word bank.

## Word Bank:

Mars crust crater miles	summit rock lava cracks	Magma Earth volcano erupts
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A volcano is a place on the Earth's surface (or any other planet's or moon's surface) where molten \_\_\_\_\_, gases and pyroclastic debris erupt through the earth's \_\_\_\_\_. Volcanoes vary quite a bit in their structure - some are \_\_\_\_\_ in the earth's crust where lava erupts, and some are domes, shields, or mountain-like structures with a \_\_\_\_\_ (a circular depression) at the summit.

\_\_\_\_\_ is molten rock within the Earth's crust. When magma \_\_\_\_\_ through the earth's surface it is called \_\_\_\_\_.

The largest volcano on \_\_\_\_\_ is Hawaii's Mauna Loa. Mauna Loa is about 6 miles (10 km) tall from the sea floor to its \_\_\_\_\_ (it rises about 4 km above sea level). It also has the greatest volume of any volcano on Earth, 10,200 cubic miles (42,500 cubic kilometers).

Label the volcano below

