

### Parts of a Volcano

**Vent:** An opening in Earth's surface through which volcanic materials escape.

**Crater:** Mouth of a volcano - surrounds a volcanic vent.

**Parasitic Cone:** A small cone-shaped volcano formed by an accumulation of volcanic debris.

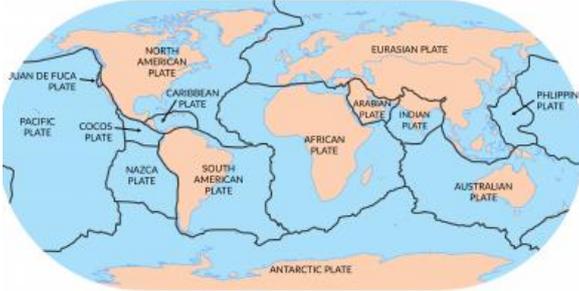
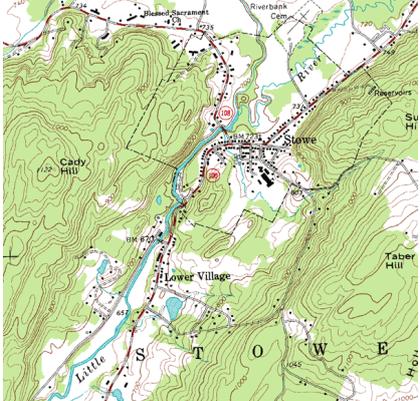
**Throat:** Entrance of a volcano. The part of the conduit that ejects lava and volcanic ash.

**Conduit:** An underground passage magma travels through.

**Sill:** A flat piece of rock formed when magma hardens in a crack in a volcano.

**Magma reservoir/chamber:** a large pool of liquid rock beneath the surface of the Earth.

<p><b>Ash Cloud</b></p>	<p>A cloud of ash formed by volcanic explosions.</p>	
<p><b>Active (volcano)</b></p>	<p>a volcano that is currently erupting</p>	
<p><b>Dormant (volcano)</b></p>	<p>An active <b>volcano</b> that is not erupting, but supposed to erupt again</p>	
<p><b>Extinct (volcano)</b></p>	<p>has not had an eruption for at least 10,000 years and is not expected to erupt again in the future.</p>	
<p><b>Fault line</b></p>	<p>a geological fracture where the movement of masses of rock have displaced parts of the earth's crust</p>	

<p><b>Tectonic plates</b></p>	<p>pieces of Earth's crust and uppermost mantle</p>	 <p>A world map showing the boundaries of major tectonic plates. The plates are labeled: North American Plate, Eurasian Plate, Pacific Plate, Caribbean Plate, African Plate, Indian Plate, Australian Plate, Antarctic Plate, Juan de Fuca Plate, Cocos Plate, Nazca Plate, South American Plate, Arabi Plate, and Philippine Plate.</p>
<p><b>Topographical</b></p>	<p>relating to the arrangement or accurate representation of the physical features of an area.</p>	 <p>A topographical map of a region, likely in the Stowe area, showing contour lines, roads, and geographical features like Cady Hill and Taber Hill. The map is color-coded with greens and browns to represent elevation and terrain.</p>
<p><b>Eruption</b></p>	<p>appearance of lava (and possibly ash and other gases) from a volcano</p>	 <p>A photograph of a volcano erupting, showing a large plume of orange and red lava and ash being ejected from the crater into the sky.</p>
<p><b>Lava</b></p>	<p>Molten rock that erupts from a volcano that solidifies as it cools</p>	 <p>A close-up photograph of a lava flow, showing the bright orange and red molten rock as it moves down a slope, with some solidified crust visible on the surface.</p>
<p><b>Magma</b></p>	<p>molten rock beneath the earth's surface</p>	 <p>A photograph of magma inside a volcanic chamber or conduit, showing the bright orange and red molten rock flowing through a narrow passage.</p>