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VOLCANOES

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| **Across**  **2.** When a liquid tends to resist flow.  **5.** A land for, usually conical, produced by accumulations of erupted material.  **7.** A locialized zone of melting in the mantle under a plate that form volcanoes and islands above it.  **9.** Dust size particles of hardened lava less than 2mm across that are thrown into the air.  **10.** This forms when lava cools quickly in the cold ocean.  **12.** The closest volcano to us which billions of years ago formed a large granite dome.  **13.** A pool of magma within the earth.  **14.** A pebble-sized rock fragments that have the same composition as ash.  **15.** When thick lava emerges from a volcano and forms a steep-sided bulbous structure on the volcanic summit. | **Down**  **1.** A mixture of hot rock, ash and lava fragments that are thrown from the vent of a volcano during an eruption.  **3.** A large, steep-sided, circular volcanic depression where the magma chambers' roof has collapsed.  **4.** A wide, flat land resulting from repeated eruptions spreading over a large area.  **6.** Cracks in earth's crust where molten rock flows and floods the surrounding landscape.  **8.** A cone shaped pit at the top of many volcanoes.  **11.** An opening in the surface of the earth through which gas nad erupted material pass. |

   volcano       vent       hot spot       ash       fissure       magma chamber       lava dome       caldera       pillow lava       viscosity       cinder       crater       lava plateau       stone mountain georgia       pyroclastic material