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Positive effect of volcanic eruption brainly

HOW DO VOLCANIC ERUPTIONS AFFECT SOCIETY? Explosive volcanic eruptions pose both short-term and long-term hazards. Lava flows and lahars can wipe out both sides of the mountainside. Volcanic ash can cover the landscape for miles, and ash clouds can disrupt aircraft travel, such as the 1989 incident when ash from Alaska's Redoubt volcano temporarily disabled a passenger plane. On a longer time scale, eruptions can pump large amounts of ash into the atmosphere, significantly reducing Earth's solar heating and potentially disrupting global food supplies for years. In 1991, Mount Pinatubo in the Philippines erupted, and strong winds spread aerosol particles from plumes across the globe. As a result, earth's surface cooling is measurable over a period of nearly two years. The role of natural hazards in researching and developing applications to mitigate the impact of natural disasters has global significance in reducing loss and saving lives. Expected achievements: Global inventory of active volcanic activity warning system continues to define the relationship between deformation, seismicity, intrusion and eruption Forecast volcanic activity over a gradual longer period Of time Practical benefits for society: Minimizing risk due to improved volcanic activity warning Advanced planning for effects for populations near volcanic activity areas Detect ash and beam products to alert the aviation industry Back to the page introducing volcanoes Back to solid earth science site: During geological times, volcanic eruptions and related processes were directly and indirectly beneficial to humanity : Volcanic material eventually breaks down and the weather to form some of the most fertile soils on Earth, cultivation of which has produced abundant food and fostered civilizations. Internal heat involving young volcanic systems has been harnessed to generate geothermal energy. Most of the metal minerals mined in the world - such as copper, gold, silver, lead and zinc - are related to magma found deep in the roots of extinct volcanoes. The FAQ publication News Multimedia A soil survey is describing, classifying and mapping soil systematically in an area. They are published by the USDA Natural Resources Conservation Service (NRCS), formerly known as the Land Conservation Service. The NRCS Land Survey is available from several sources: Some are available on the NRCS website. Publication of soil survey can be found at ... Of the 1.74 million tons of silver discovered so far, 55% are found in only four countries on earth. All silver discovered thus far would fit in a 55-meter cube on one side. Learn more at the USGS goods website for silver. Approximately 244,000 tons of gold discovered so far (187,000 tons in production history the current underground reserves are 57,000 tons). Most of that gold comes from only three countries: China, Australia and South Africa. The United States ranked fourth in gold production in 2016. All gold has been discovered so far... To date, about 700 million tons of copper have been produced worldwide. This would be consistent with a cube measuring about 430 meters on one side. The mines were identified to contain about 2.1 billion tons of additional copper, bringing the total amount of copper discovered to 2.8 billion tons. This would fit into a cube... The main methods used for mining from the ground are: Surface Underground Mining (Open Pit) Mining Placer Mining Location Location and shape of the mine, strength of rock, ore level, mining cost, and current market price of goods are some of the decisive factors to choose the mining method to use. Higher level... More than 80 percent of the Earth's surface - above and below sea level - is of volcanic origin. Emissions from volcanic vents for hundreds of millions of years have formed Earth's earliest oceans and atmospheres, providing key components for evolution and sustaining life. In geological eruptions, countless volcanic eruptions have created ... The following USGS products will be useful in determining the background level of various elements in soil and other surface materials: Localization and Mine Data for U.S. Soils (2013) Data for samples collected over three periods of time (surface soil 0-5 cm , land A-Horizon and land C-Horizon) on ... There are about 1,500 active volcanoes worldwide, in addition to the continuous belts of the volcano on the ocean floor at widespread centers such as the Mid-Atlantic Ridge. About 500 of the 1,500 volcanoes have erupted in historical time. Many of them are located along the Pacific Rim in what's known as the U.S. Ring of Fire. Unity...