

Topographic features of the lava flows of Iimoriyama volcano, Kirishima volcanoes, Japan

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We studied the topographic features of lava flows of Iimoriyama volcano, located in the northwestern part of Kirishima volcanoes. We discriminated volcanic landforms of Iimoriyama volcano using the aerial photographs. Based on the topographic features, we recognized 18 flow units at the Iimoriyama lava. And many characteristic surface features on lava flow were identified, such as lava wrinkles, lava levees. Then, we also identified eight hollows in the marginal part of the lava field. Some field evidences indicate that these holes are pseudocraters.

Keywords: lava flow, pseudocrater