

Stratigraphy between the Agatsuma ignimbrite of 4 August 1783 and the Oni Oshidashi lava flow, Asama Volcano

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The Agatsuma ignimbrite, which erupted from Asama Volcano on 4 August 1783, overlies the Oni Oshidashi lava flow at the 1730 m altitude. It is proved that, in the afternoon of 4 August, the Oni Oshidashi had already appeared on the northern flank and continued to flow downslope. It has been believed for a long time that the Oni Oshidashi erupted after the destructive Kambara explosion at 10 am of 5 August. The source of the Kambara was not at the summit crater, but at the front of the Oni Oshidashi at that time, about 4 km north of the summit crater. The source included Yanainuma marsh.