

Frequent fissure eruptions during AD800-1000 at Fuji volcano, Japan: 14C ages and stratigraphic relation

Akira Takada[1]; Yoshihiro Ishizuka[2]; Shun Nakano[3]; Takahiro Yamamoto[4]; Yusuke Suzuki[5]; Makoto Kobayashi[6]

[1] GSJ,AIST; [2] Geol. Surv. Japan, AIST; [3] GSJ, AIST; [4] GSJ, DGERC; [5] Asia Air Survey; [6] Dia Consultant co.,Ltd.

<http://staff.aist.go.jp/a-takada/Fujiproject.html>

A lot of fissure eruptions occurred at Fuji volcano during AD800-1000. Base on the field survey and trench survey, the ages and eruption sites were determined using 14 C datings and the stratigraphic relation with Kozushima AD838 eruption tephra. In the south-southeastern flank, after Koze AD 838 eruption, Mizugatsuka-Marubi lava erupted around AD 850, Higashiusuzuka-Minami lava erupted around AD 850-900, Obuchi-Marubi lava erupted around AD 900, newly discovered, Sankakuyama-Jinja lava around AD 1000. Fudosawa and Nissawa lavas erupted around AD 1000 along long parallel fissures trending NS. In the Northwestern flank, Yakeno lava, Nishi-Marubi lava, and Oniwa-Okuniwa 1,2 lavas, erupted around AD 700-800 before Koze AD 838 eruption. Tenjinyama-Igadonoyama lava erupted after AD 838 and before Jogan AD 864 eruption. Ken-Marubi 1,2 erupted around AD 1000 along long parallel fissures trending NS.