

Fumarolic and volcanic clouds activities records of Japanese volcanoes, based on Antique maps in Edo Period.

Teruki Oikawa[1]

[1] AIST, GSJ

The antique maps in Edo Period give useful information to build records of fumarolic and volcanic clouds activities. We clear, based on the antique maps in AD1700-1868 (Edo Period), the volcanic clouds activities records of Japanese volcanoes. Volcanic clouds are drawn in the following volcanoes. Yokoate, Suwanosejima, Nakanoshima, Kuchinoshima, Kogajyajima, Kuchino-erabujima, Sathuma-Ioujima, Sakurajima, Kirishima, Aso (Nakadake), Unzen, Turumidake (Garandake), Niigata-Yakeyama, Myokou, Asama, Kusatsu-Shirane, Chokai, Iwate, Esan, Hokaido-Komaatake, Oshima-Oshima, Oshima-Kojima, Usu, Meakan, Oakan, Etorofu-Yakeyama and Moroyodake volcano. Now, however, Yokoatejima Volcano and Kogajyajima Volcano in Tokara Islands and Toshima-Kojima Volcano and Oakan Volcano in Hokkaido aren't recognized as the active volcano of Japan Meteorology Agency. From Japan Meteorology Agency (2005), the eruption records in the Edo Period of Nakanoshima, Kuchinoshima, Satuma-Ioujima, Turumidake(Garandake), Myokou, Esan, Meakan, Etorofu-Yakeyama, and Moroyodake volcano are not discovered. Based on these result, the volcanic history of these volcanoes must be reexamined.