

Volcanic clouds activities records of Hokkaido and southern-Chishima Islands, based on Japanese antique maps of 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 *Ezo* (older name of Hokkaido and southern-Chishima Islands) maps in 18th and 19th-Century (Edo Period), the volcanic clouds activities records of Hokkaido's volcanoes. Volcanic clouds are drawn in the Esan, Hokkaid-Komagatake, Usu, Oshima-Ooshima, Oshima-Kojima, Meakan, Oakan, Etorofu-Yakeyama, and Moroyodake volcanoes. Now, however, 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.

From the previous studies, 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.