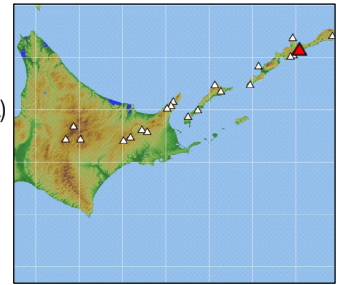


102. Sashiusudake (Etorofu Island)

Latitude: 45°05'59" N, Longitude: 148°01'10" E, Elevation: 1,125 m (Measured by JMA)



Sashiusudake, taken from the west on August 26, 2012. Courtesy of Nakagawa, M.
(Steam is spewing from a geothermal power plant)

Summary

This is an andesite and dacite stratovolcano with a lava dome. It exhibits fumarolic activity. It is also known as Baranskyi.

Topographical Map

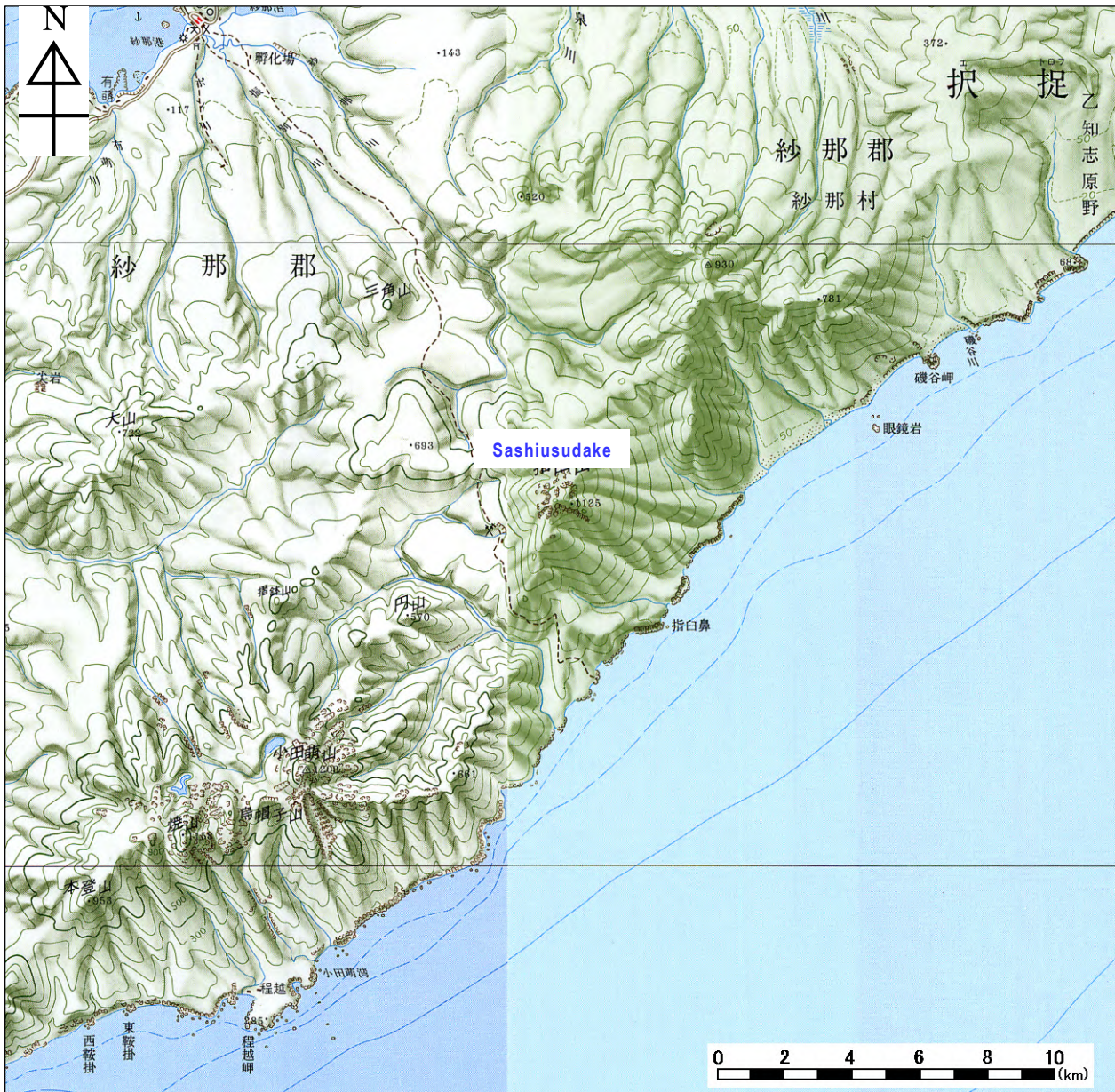


Figure 102-1 Topography of Sashiusudake
 1:200,000 scale regional maps (Shana and Bettobi) published by the Geospatial Information Authority of Japan were used.

Chronology of Eruptions

▪ **Historical Activity**

Tephra stratigraphy of the volcano base has identified 10 layers of eruption deposits, from Ba-1(1770 cal.yBP) to Ba-10(7500 cal.yBP) (Razzhigaeya et al., submitted).

Year	Phenomenon	Activity Sequence, Damages, etc.
1951 (Showa 26)	Eruption?	(According to residents, there was a small explosion).

Recent Earthquake Activity

See Moyorodake earthquake activity.

Information on Disaster Prevention

① Hazard Map

None

Bibliography

Gorshkov, G. S. (1970) Volcanism and the upper mantle: investigations in the Kurile Island Arc. Plenum Press New York-London, 385.

Razzhigaeva, et al., (submitted). Age, source and distribution of tephra in Holocene deposits of South Kurile Islands: Evaluation of Holocene eruptive activity in South Kurile.

(Nakagawa, M.)