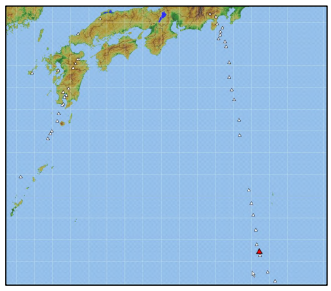
75. Kita-Fukutokutai



Latitude: 24°25.0' N, Longitude: 141°25.0' E, Depth: -73 m
(Center of Summit)

Summary

Kita-Fukutokutai is a submarine volcano located midway between Minami-Ioto and Ioto. Occasional discolored water, etc. was observed several times between 1937 and 2001. Fishermen refer to this area as "Kaisenoba".

Submarine Topographic Map

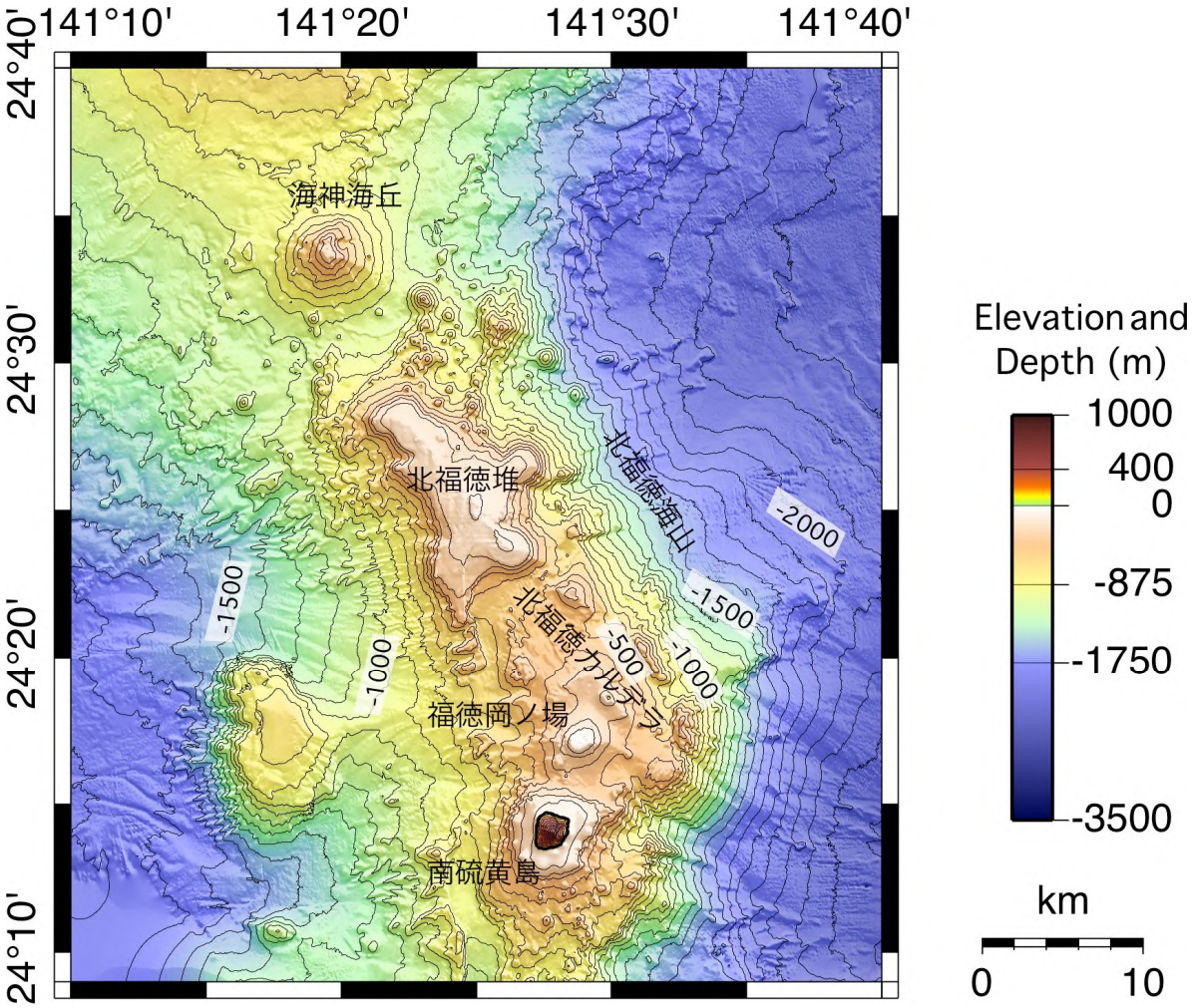


Figure 75-1 Submarine topographic map of the Kita-Fukutokutai area (Japan Coast Guard).

Chronology of Eruptions

・Historical Activity

Year	Phenomenon	Activity Sequence, Damages, etc.
1937 (Showa 12)	Discolored water, volcanic gas	
1947 to 1959 (Showa 22 to 34)	Magmatic eruption or phreatomagmatic eruption? (Discolored water)	During this period volcanic activity was observed and reported by multiple fishing vessels. Between 1947 and 1959, yellow discolored water which smelled of sulfur reported. Between 1953 and 1954 (Showa 28 and 29), sulfur and pumice were confirmed (the sulfur was observed from a reef as it was being discharged, and pumice was observed floating on the water surface).
1988 (Showa 63)	Volcanic plume?	January 27. A fishing vessel reported a volcanic plume approximately 100 m high produced by a submarine volcano explosion. The report was immediately investigated, but could not be confirmed.
2001 (Heisei 13)	Discolored water	October 30. The discolored water was observed around 24°26.6' N, 141°22.7' E.

* Reference documents have been appended with reference to volcanic periods, areas of activity, and eruption types taken from the Active Volcano Database of Japan, AIST (Kudo and Hoshizumi, 2006) and the Database of the Maritime and Submarine Volcanoes in Japan (Japan Ciast Guard, 2006).

Information on Disaster Prevention

①Hazard Map

None

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(Ito, K.)