

IZU OSHIMA Volcanic Disaster Prevention Map



The purpose and points to note of this map

The Izu-Oshima Volcano is an active volcano that erupts frequently. Although this volcano is currently calm, experts believe that magma accumulation is increasing the likelihood of a future eruption. In addition to providing information you can use to protect yourself, this map lists actions that should be taken immediately when the risk of eruption is elevated. Understanding specific hazards from past volcanic eruptions will help you take the appropriate actions in the event evacuation is required. However, unlike the weather, it can be difficult to predict eruptions because so much remains unknown about volcanos.

There is a possibility that the volcano can erupt without a moments notice. The Izu-Oshima Volcano may be particularly susceptible to fissure eruptions and lateral blasts near residential areas, the coast, and places other than the crater at the summit. There is also a risk that the volcano could erupt shortly after the occurrence of sudden crustal movement or frequent earthquakes. It is therefore important to note that this map alone does not provide sufficient information on the dangers of a volcanic eruption or the best evacuation strategies.

Please remember, however, that volcanos typically have far longer periods of calm than activity and can be safely enjoyed while dormant.

Volcanic Alert Levels

Level 3 Do not approach the volcano
 ② Restricted entry zone inside the caldera and a 1 km radius outside from the edge of the caldera (area marked by the orange line labeled "Level3-②" on the map).
 ① Restricted entry zone inside the caldera and a 2 km radius from the summit crater (area marked by the orange line labeled "Level3-①" on the map).

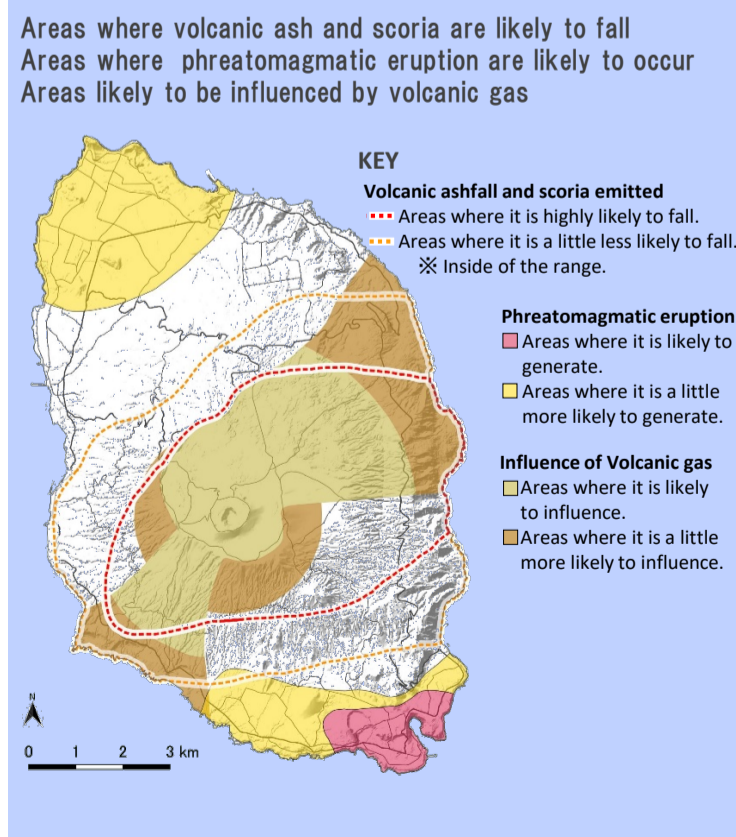
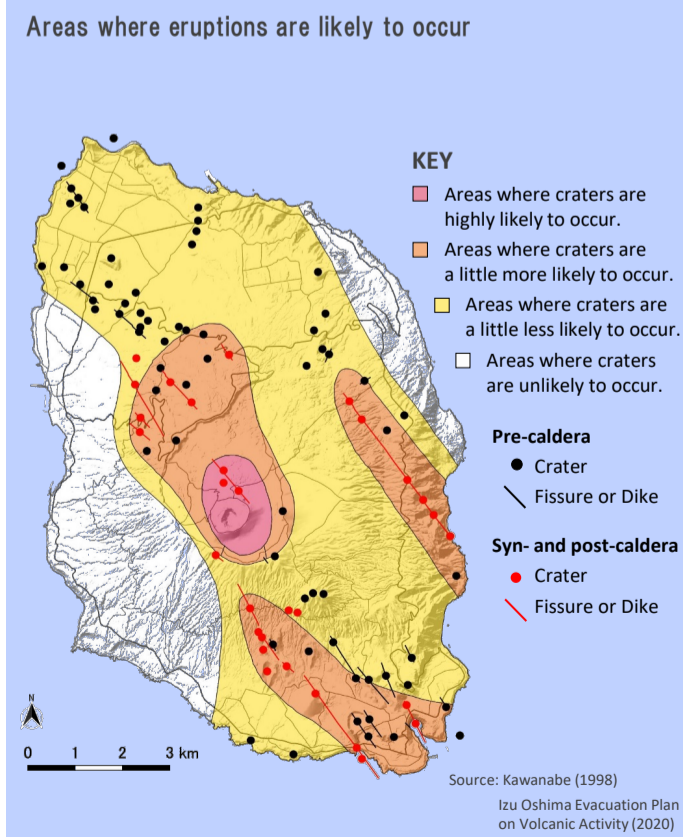
Level 2 Do not approach the crater
 Restricted entry zone of 1 km radius from the summit crater.

Level 1 Potential for increased activity
 Restricted entry zone of 600m, however, the nature trail and vicinity of the observatory are excluded in normal periods.

KEY

- Evacuation site and Evacuation center
- Shelter
- Historic lava flow
- Caldera wall
- Forecasted lava flow basin
- Evacuation center
- Evacuation port
- Pyroclastic cone
- Crater or vent
- Restricted point
- Orange: Volcanic Alert Level 3
- Yellow: Volcanic Alert Level 2
- White: Volcanic Alert Level 1

Approval by the Director-General of the Geospatial Information Authority of Japan based on the Survey Act (use) R2Hs 863
 「測量法に基づく国土地理院長承認（使用）R 2JHs 863」



List of Disaster Prevention Organizations and Associations

Name	Location	Phone	Name	Location	Phone
Oshima Town Office	Motomachi	2-1441	Tokyo Metropolitan Oshima Island Branch Office	Motomachi	2-4411
Kitanoyama Branch Office	Motomachi	2-3525	Oshima Police Station	Motomachi	2-0110
Okata Branch Office	Okata	2-8121	Oshima Town Fire Headquarters	Motomachi	2-0119
Senzu Branch Office	Senzu	2-8523	Oshima Medical Center	Motomachi	2-2345
Nomashi Branch Office	Nomashi	2-2378	Oshima Tourism Association	Motomachi	2-2177
Sashikiji Branch Office	Sashikiji	4-0441	Tokaikisen	Motomachi	2-2311
Habu Branch Office	Habuminato	4-0444	New Central Airservice	Motomachi	2-1651

NOTE

Predetermined evacuation destination:

Emergency contact:

There are approximately 80 craters on the island which show the occurrence of both fissure eruptions and lateral eruptions, which are distributed in a belt from the north-northwest to the south-southeast, with Cape Chigasaki to the north, and Habu Port to the south. It has been determined that there is a high possibility of eruptions occurring in the areas of the central, southern and eastern parts of the island and in particular, on the summit.

Volcanic ash, scoria (black pumice stone), and volcanic gas spouted from the summit crater are swept away by the predominant northeastern, southwestern, and western winds on Izu Oshima, and tend to descend in the direction of Senba and the Uminofurusato-mura. A phreatomagmatic eruption is a violent occurrence that happens when magma and water come into contact with each other. It is considered that this is likely to occur near the southern coast around Habu Port and at low altitudes in the north.

For inquiries about this Disaster Prevention Map :

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