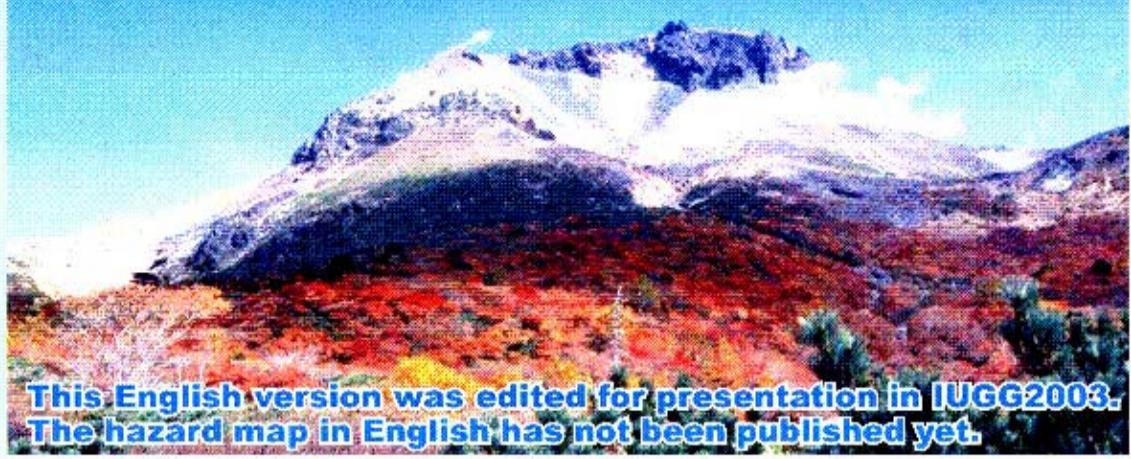
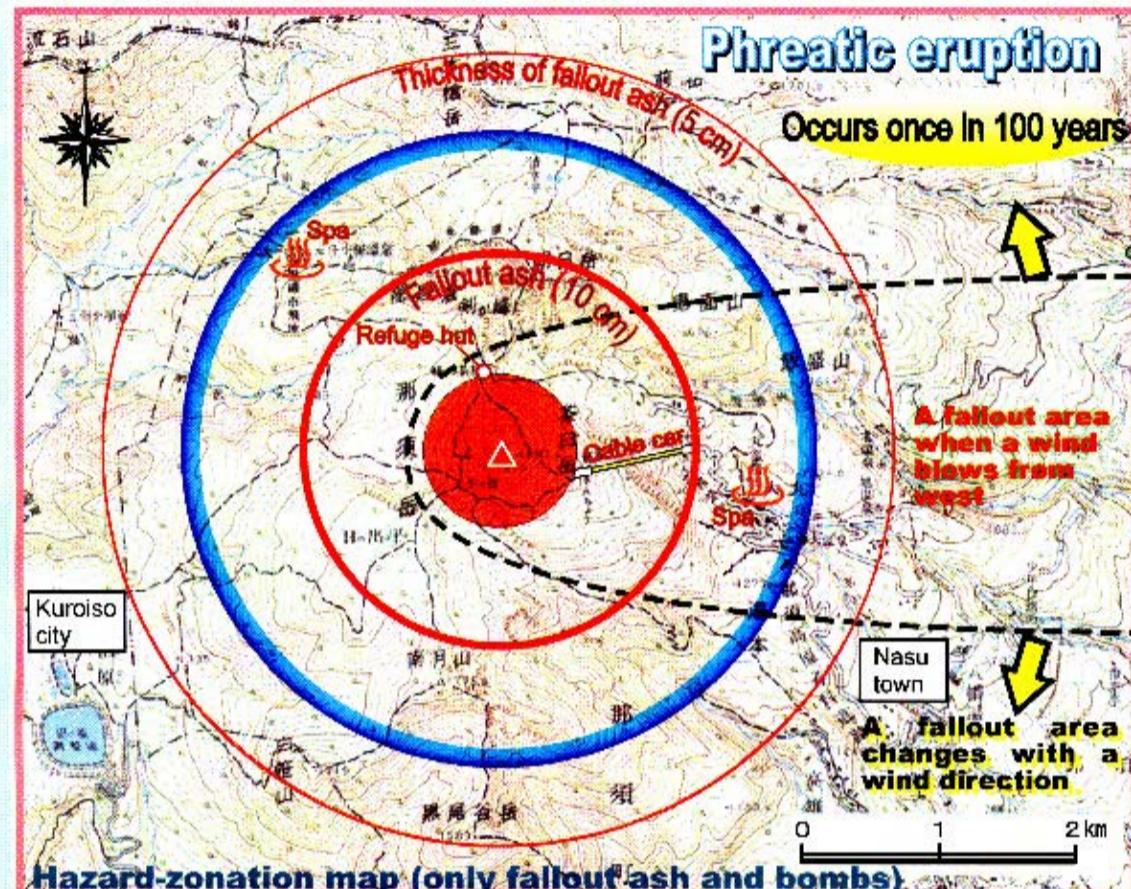


Mt. Nasudake Volcano Hazard-zonation Map



This English version was edited for presentation in IUGG2003.
The hazard map in English has not been published yet.



Although Mt. Nasudake is now calm, it is an active volcano. So it must erupt someday. Volcanic eruptions may cause a serious disaster. However, it is possible to catch warning signals before the eruptions. Volcanic disasters are mitigable, if you get required information and act calmly.



Warning signals



Calming

after only phreatic eruptions

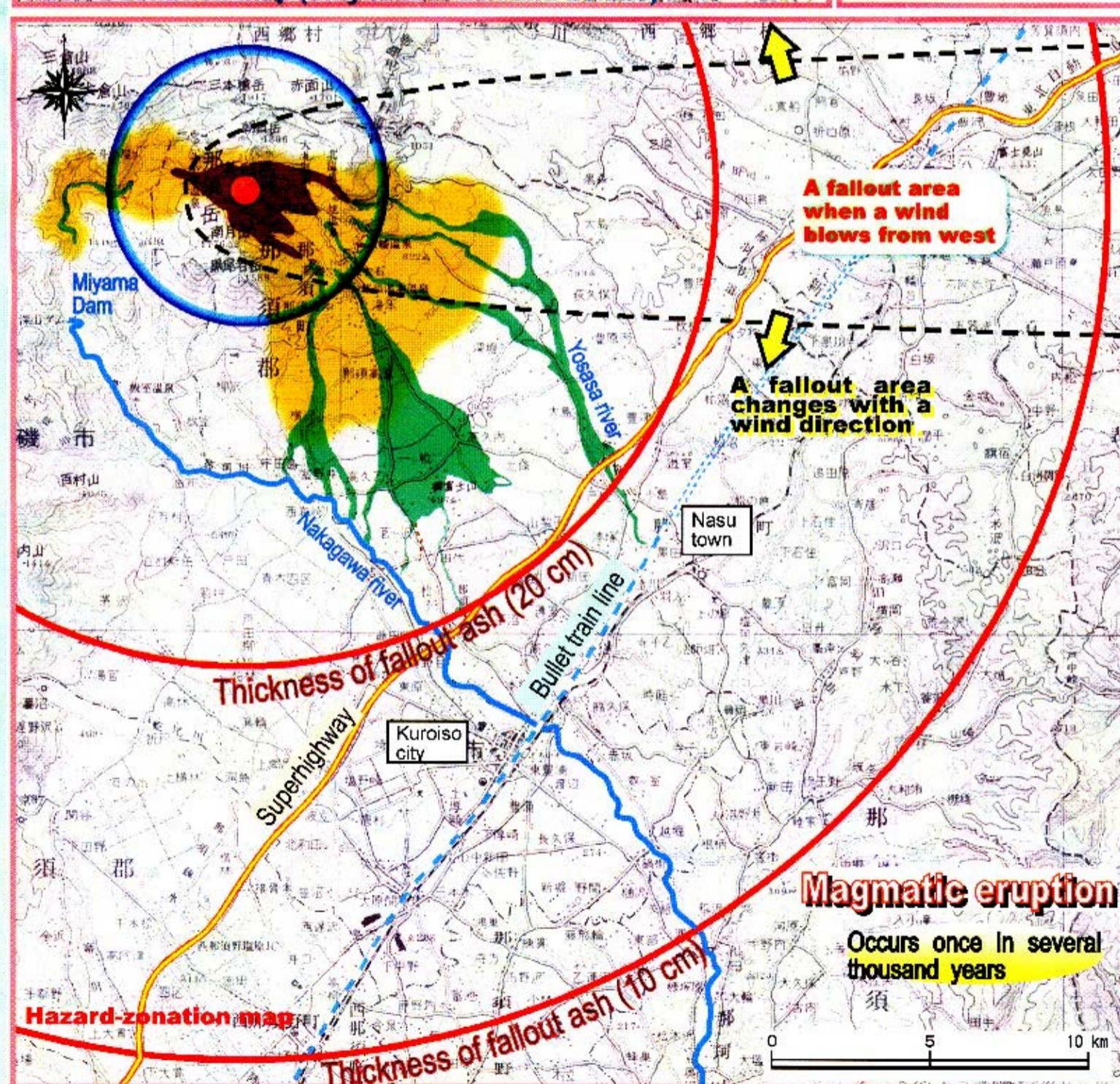
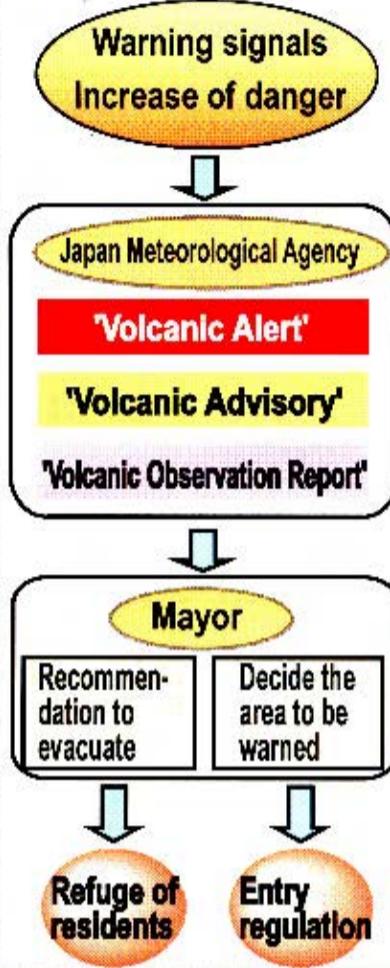
Legend

- Assumed source zone of eruption
- Hazard area of fallout tephra (red lines show thickness on the leeward)
- Hazard area of bombs
- Hazard area of lava flows
- Hazard area of pyroclastic flows (include surge)
- Hazard area of snow melting-type lahar induced by pyroclastic flow. (Attention in the eruption in case of snow coverage)

NB.
The whole region of hazard area does not necessarily suffer damage at once.

Volcano information and evacuation

(An example of sequence)



Arrival time of each phenomenon (In the case of magmatic eruption)

Bombs It reaches to 2km within 1 min.	Fallout ash It reaches to the town within 10 min.
Pyroclastic surge It reaches to 7km within 5 min.	
Lahar It reaches to the town within 10 min.	
Lava flow It reaches to 3km within 2 hours.	

For inquiries regarding this map

Fire department

(Telephone number)

Kuroiso city office	Nasu town office
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(Telephone number) (Telephone number)

Local Meteorological Observatories

(Telephone number)