

ERUPTION HAZARDS AT MT RUAPEHU

VIEW FROM THE NORTHWEST

Whangaehu Valley is at risk from lahars in an eruption

Tukino Ski Area is only at risk from ash

Te Heuheu

Tahurangi

Turoa Ski Area

Crater Lake

SUMMIT HAZARD ZONE

Eruption risk of flying debris and lahars on upper Turoa Ski Area: Know the Turoa Volcanic Hazards Map



Eruption risk of lahars on Whakapapa ski area: Know the Whakapapa Volcanic Hazards Map

Whakapapa Ski Area

LEGEND

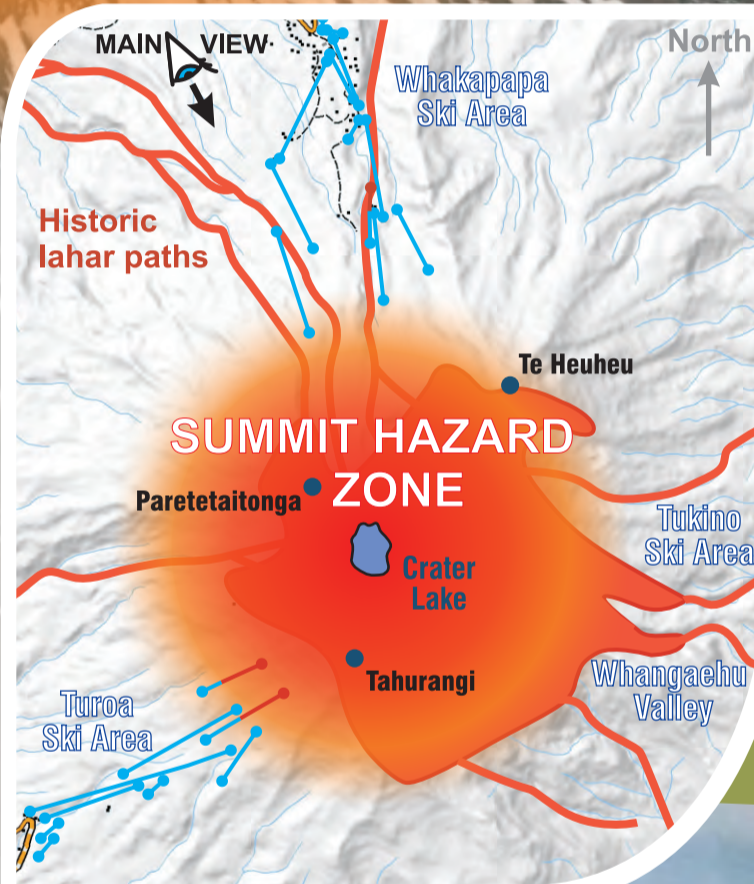
SUMMIT HAZARD ZONE

HISTORIC LAHAR PATHS

Safe ski lifts

Lifts at risk

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WHAT TO DO!!

If there are any signs of an eruption (earthquakes, rumbling from crater, ash-steam cloud or flying rocks):

- Seek shelter, watch for flying rocks
- Stay on ridges, out of valleys as much as possible
- Move as quickly as possible down the mountain away from Summit Hazard Zone
- Know where the safe areas are (buildings and ridges below the Summit Hazard Zone)
- Stay in safe areas until advised by ski area or search and rescue personnel.

HAZARDS

Ruapehu is an active volcano:

- During an eruption there will be flying rocks on the upper mountain, especially within the Summit Hazard Zone
- Eruptions generate lahars (volcanic mudflows), which flow down valleys in a flash flood.

WARNING SYSTEM FOR SKI AREAS

An Eruption Detection System (EDS) is operating at Whakapapa and Turoa Ski Areas:

- The system will set off sirens and loudspeaker messages at Whakapapa.
- Follow instructions from staff.

25 Sept. 1995 summit eruption and lahars above Far West T-Bar
Photo: P. Otway

Disclaimer: Volcanic activity and other unforeseen factors may alter features on this map, so safe and hazardous areas may change without notice.

Department of Conservation
Te Papa Atawhai



MT RUAPEHU
WHAKAPAPA & TUROA
NEW ZEALAND