

# VOLCANIC HAZARDS AT WHAKAPAPA

## MT RUAPEHU

Te Heuheu Peak

Crater Lake

Tahurangi Peak

Paretaitonga



### LEGEND

<b>MAIN LAHAR PATHS</b>	
Black Magic/Outer Limits	1
Turnpipe	2
Gut-Turtle-Waterfalls	3
<b>OTHER POSSIBLE PATHS</b>	
<b>SUMMIT HAZARD ZONE</b>	
Lifts at risk	
<b>LAHAR SAFE AREAS</b>	
Schuss Haus	1
Knoll Ridge Café	2
West Ridge Café	3
Twikau Village, club lodges, Happy Valley	4
Safe lift lines	

### WHAT TO DO!!

- If there is an eruption, move out of the valleys, especially those that lahars are likely to follow.
- If the sirens sound, remove your skis or board and climb the valley walls to a ridge top.
- Know where the safe areas are (buildings, lift lines and ridges).
- Stay in a safe area until advised otherwise by ski area staff. If in a ski lodge or car park, stay put.
- Ask ski area or DoC staff for more information.
- If you are in the Summit Hazard Zone move down the mountain following ridge lines.

### HAZARDS

- Ruapehu is an active volcano.
- Eruptions generate lahars (volcanic mudflows).
  - Lahars flow down valleys in a flash flood.
  - During an eruption there may be gas and flying rocks on the upper mountain, especially within the Summit Hazard Zone.

### WARNING SYSTEM

- An Eruption Detection System (EDS) is operating at the ski area.
- The system will set off sirens and loudspeaker messages.
  - Follow instructions from staff and move out of valleys.

Hazardous lahars have occurred every 10-20 years at Whakapapa. A lahar in 1995 narrowly missed the bottom of the Far West T-Bar.

#### 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 Ataubai

