

# VOLCANIC HAZARDS AT TŪROA MT RUAPEHU

# *Ngāuruhoe*

## SUMMIT HAZARD ZONE

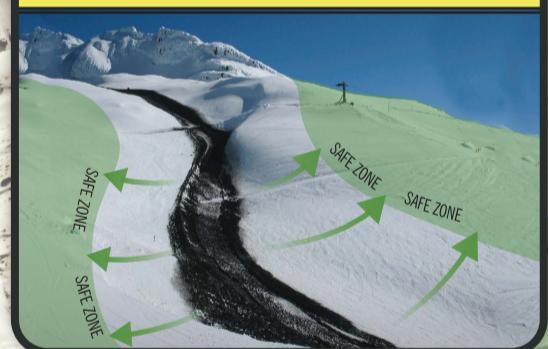
## HAZARDS

**HAZARDS**  
 Flying hot rocks.  
 Fast moving clouds of steam and hot ash

IMPACTS

## IMPACTS

If there is an  
eruption  
**MOVE OUT OF  
VALLEYS**



## Eruptions and lahars may occur with little or **NO** warning

## HAZARDS

**LAHARS PATHS:** Eruptions generate **lahars** (volcanic mudflows) that can pass through **valleys in the ski area**.

**HAZARD ZONE:** During an eruption, **flying rocks & fast moving clouds of steam and hot ash** may occur.

**IMPACTS:** Serious injury and can be lethal.

**Anywhere** on this map is at risk from **ashfall** – this can obscure vision and make it hard to breathe.

**Summit Hazard Zone** (Red area)

**Lahar safe area (high ground)** (Green area)

**Walking Paths**

- High Noon Express
- Giant Chair
- Winter Garden Platter
- Nga Wai Heke Chair
- Movenpick Chair
- Parklane Chair

**Labels**

- Paretetaitonga
- Te Heuheu
- Te Wai ā-moe (Crater Lake)
- Tahurangi
- Peretini
- Mangaehuehu Glacier
- Alpine Meadow
- Car Park

**Legend**

- Summit hazard zone (Red shaded area)
- Mangaturuturu Glacier (Path 4)
- Gliding Gladys (Path 5)
- Other possible paths (Pink wavy lines)
- Alpine Café (Safe area 5)
- Snowflake Café (Safe area 6)
- Giant Café (Safe area 7)

# WHAT TO DO IN AN ERUPTION



**LEGEND**

**Summit hazard zone**

**lahar paths**

- Mangaturuturu Glacier
- Gliding Gladys
- Other possible paths

**lahar safe areas**

- Alpine Café
- Snowflake Café
- Giant Café
- Lifts safe from lahar

Version 7.0 2020  
gns.cri.nz/volcano-hazard-maps



A lahar travelled down Mangaturuturu Glacier during an eruption in 1995

## Disclaimer

This map shows areas most at risk in a sudden eruption with little or no warning. Larger eruptions can and do occur. 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*



# VOLCANIC HAZARDS AT WHAKAPAPA MT RUAPEHU



Version 7.0 2020

## HAZARDS

**LAHARS PATHS:** Eruptions generate **lahars** (volcanic mudflows) that can pass through **valleys in the ski area**.



**HAZARD ZONE:** During an eruption, **flying rocks & fast moving clouds of steam and hot ash** may occur.

**IMPACTS:** Serious injury and can be lethal.

**Anywhere** on this map is at risk from **ashfall** – this can obscure vision and make it hard to breathe.

A lahar in 1995 narrowly missed the bottom of the Far West T Bar.

## IF YOU ARE:

### IN A VALLEY

- > **Move out** of the valley to a ridge top.



### IN THE HAZARD ZONE

- > **Move down** the mountain following ridges.



! If you see **flying rocks**, or a **steam & ash cloud** coming towards you, **take shelter** behind a bank or ridge and **cover your head** with your pack.

### IN A BUILDING/CAR PARK/HIGH GROUND

- > **Stay put** and await instructions.

## LAHAR WARNING SYSTEM

An Eruption Detection System (EDS) is operating in the ski area. The system will set off sirens and loudspeaker messages.

### Disclaimer

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