

# VOLCANIC HAZARDS ON MT RUAPEHU - VAL 2

Eruptions can occur from Te Wai ā-moe at any time without warning



This map supersedes the background hazard map relevant to VAL 1 or below.

**This map may change with volcanic activity levels.**

**2 km exclusion zone**

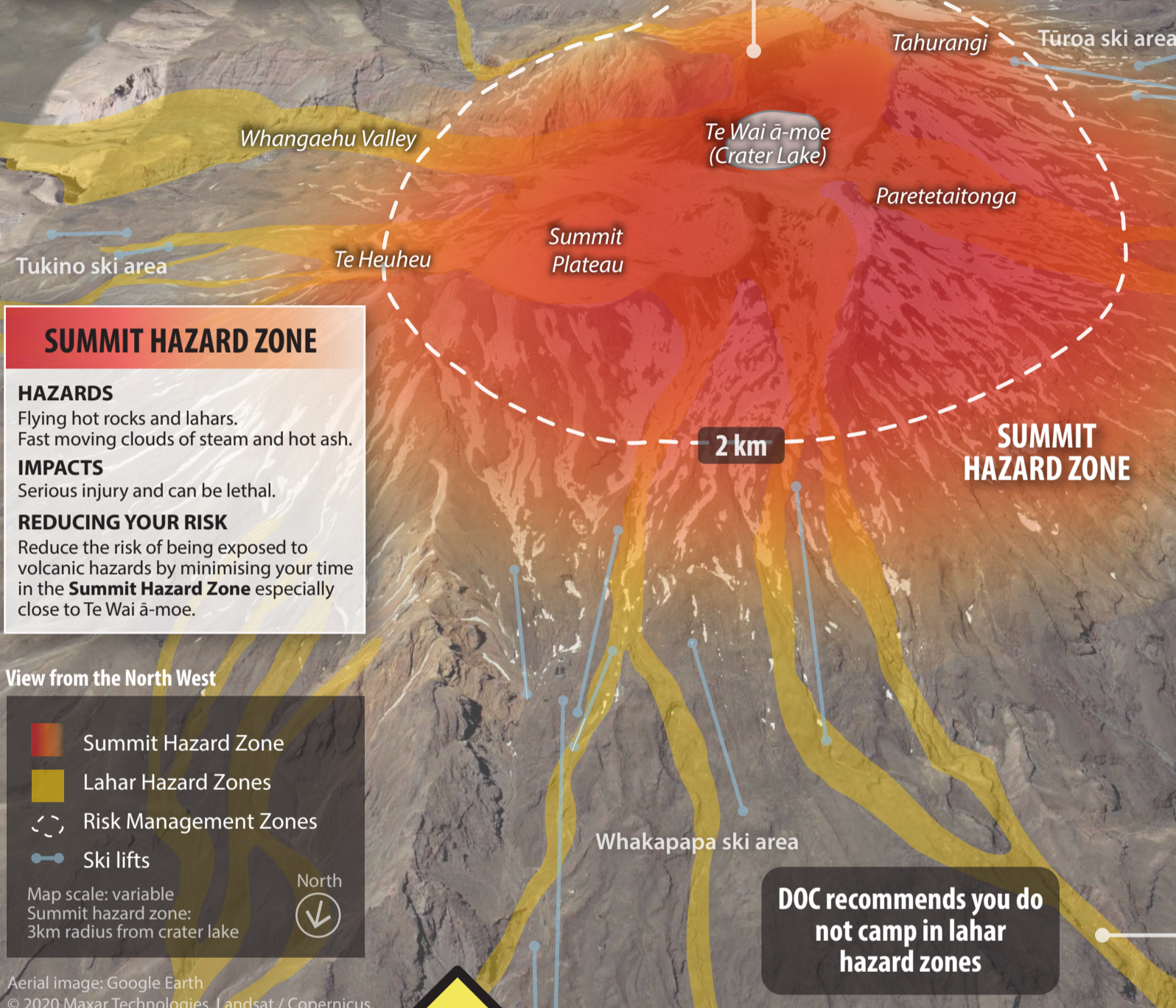
**Area closed. Do not enter. Increased risk of eruption**

**CLOSER to Te Wai ā-moe CRATER LAKE**

**HIGHER RISK**

**DOC's recommendations will change with volcanic activity levels**

For the current DOC recommendations and risk information, visit: [www.doc.govt.nz/volcanicrisk](http://www.doc.govt.nz/volcanicrisk)



## SUMMIT HAZARD ZONE

### HAZARDS

Flying hot rocks and lahars. Fast moving clouds of steam and hot ash.

### IMPACTS

Serious injury and can be lethal.

### REDUCING YOUR RISK

Reduce the risk of being exposed to volcanic hazards by minimising your time in the **Summit Hazard Zone** especially close to Te Wai ā-moe.

View from the North West

- Summit Hazard Zone
- Lahar Hazard Zones
- Risk Management Zones
- Ski lifts

Map scale: variable  
Summit hazard zone: 3km radius from crater lake



Aerial image: Google Earth  
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## LAHAR HAZARD ZONES

### HAZARDS

Lahars (volcanic mudflows)

### IMPACTS

You can be swept into the lahar and drown, rocks and boulders in the flow can cause injury or death.

### REDUCING YOUR RISK

Reduce the risk of being exposed to lahars by minimising your time in valleys.

**DOC recommends you do not camp in lahar hazard zones**



## WHAT TO DO IN AN ERUPTION

### IF YOU ARE:

#### IN THE SUMMIT 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 & **cover your head** with your pack.



#### IN A VALLEY

➤ **Move out** of the valley (lahar path) to a ridge top.



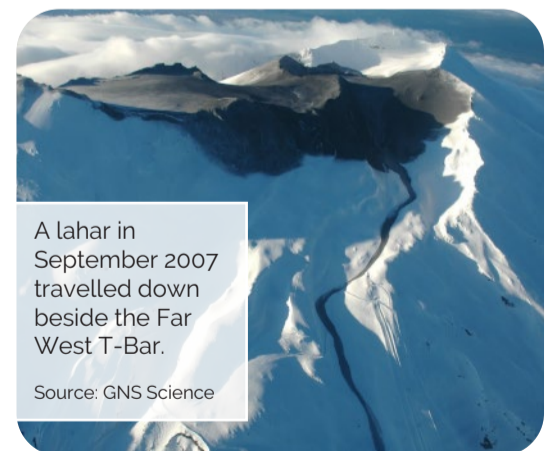
## VOLCANIC HAZARDS

Eruptions generate **lahars** (volcanic mudflows) that flow **down valleys**.

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

**IMPACTS:** Serious injury and can cause death.

Ashfall can occur anywhere on Ruapehu, obscuring vision and may impact breathing.



A lahar in September 2007 travelled down beside the Far West T-Bar.

Source: GNS Science

### 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.



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