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VULCANISM

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Total Duration: 57 minutes.

NZ'S GEOLOGICAL HISTORY

Land of the Kiwi (extracts)

TVNZ / BBC 1987. Duration 7:03

Extracts from a documentary charting the geological history of New Zealand. It looks at the North Island's volcanic plateau and the amazing geological changes that have taken place over the last 80 million years. Ngauruhoe is used as an example, and the alpine faultline is shown.

The second section begins at White Island, takes in Tarawera, and compares these examples to the earlier Taupo explosions.

TARAWERA 1886

Tarawera (extracts)

Messenger Films 2001. Duration 10:34

Primary source material, computer graphics and static images are woven together to tell the Tarawera story. Mount Tarawera is a rhyolitic volcano that is highly explosive. The lava is thick, light coloured and gaseous with about 75% silica content.

WHITE ISLAND

WEEKLY REVIEW 286 (1947)

Weekly Review 286 (extract)

National Film Unit 1947. Duration 4:23

VOLCANIC FURY... WHITE ISLAND : An expedition team of government scientists survey and map White Island. The remains of a factory and machinery damaged by the sulphur fumes are shown. Birdlife including nesting gannets are observed, as well as debris from past eruptions. Emphasises the point that White Island is a constantly changing dynamic environment.

TV3 NEWS (19/07/2000)

TV3 News 19/07/2000 (extract)

TV3 Network 2000. Duration 1:53

White Island's ash cloud rules the sky. Airlines are forced to divert from Tauranga.

TV3 NEWS (31/07/2000)

TV3 News 31/07/2000 (extract)

TV3 Network 2000. Duration 2:12

Scientists visiting White Island say "last Thursday's eruption was the biggest there for two decades", the volcano's crater lake has gone and been replaced by two new craters. Vulcanologist fear a more dangerous eruption could be on the way .

NGAURUHOE

Weekly Review 349 (extract)

National Film Unit 1948. Duration 0:57

VULCANISM...NGAURUHOE ERUPTS : A Weekly Review cameraman flies around the mountain and secures some striking shots of the volcano's activity.

RUAPEHU

WEEKLY REVIEW 191 (1945)

Weekly Review 191 (extract)

National Film Unit 1945. Duration 2:27

PROFESSOR COTTON ... A WORLD AUTHORITY DISCUSSES RUAPEHU : Professor Cotton discusses volcanic activity and what could happen if a major eruption occurred.

WEEKLY REVIEW 211 (1945)

Weekly Review 211 (extract)

National Film Unit 1945. Duration 5:18

VULCANISM...CAMERA ON RUAPEHU... Excellent shots of Ruapehu in action during an eruption showing the contrast of dark ashes with the snow. Records are taken by seismological staff and a party goes up to the crater.

THE TANGIWAI DISASTER (1953)

SHAKY BEGINNINGS

Shaky Beginnings (extract)

Bryan Bruce Productions 1999. Duration 2:02

Jim Hickey starts with the volcanic plateau, talks about Ruapehu and lahars and introduces the Tangiwai scenario.

THE TRUTH ABOUT TANGIWAI

The Truth About Tangiwai (extracts)

Top Shelf 2002. Duration 6:45

THE TRUTH ABOUT TANGIWAI is the story of a disaster that should never have happened. The scientific and geographic background to the events are highlighted.

ASH MONDAY (1996)

Ash Monday (extracts)

Geyser Television 1996. Duration 1:21* NOTE: these are TV outtakes – no sound.

Ash fall-out during the Mt. Ruapehu eruption looks like dense fog covering the city of Rotorua; heavy flows of traffic drive by with their lights on; ash covers buildings and vehicles; a blue sky is hardly visible above the clouds of ash and fall out.

AUCKLAND

SHAKY BEGINNINGS

Shaky Beginnings (extract)

Bryan Bruce Productions 1999. Duration 0:58

Jim Hickey looks at the Auckland region.

LANDMARKS: A LAND APART

Landmarks: A Land Apart (extract)

TVNZ 1981. Duration 2:07

'Written and presented by Professor Kenneth B. Cumberland, this series traces the history of New Zealand through the evolution of its landscape.'

RAOUL ISLAND

ONCE UPON AN ISLAND

Once Upon An Island (extract)

National Film Unit 1971. Duration 0:41

From the NFL catalogue:.. "Nine men on lonely Raoul Island, 600 miles from Auckland, feed weather information every 3 hours, 7 days a week, to New Zealand. Earthquakes are so frequent that everyone ignores them; the island is alive with volcanic activity reminding the men that their peaceful existence is at the mercy of the elements"

ONE NEWS 17/103/2006

One News 17/03 /2006 (extract)

TV3 Network 2000. Duration 2:56

As the news breaks: one Department Of Conservation worker is missing and five are trapped on Raoul Island during an eruption.

ONE NEWS 18/03/2006

One News 18/03/2006 (extract)

TV3 Network 2000. Duration 4:23

Continued footage of the 2006 eruption on Raoul Island, the search for the missing DOC worker, and some details about the past recent history of volcanic activity of the island.