# A short history of the mapping of New Zealand's National Parks

ICA - Mountain Cartography Workshop, Banff, Alberta, Canada
22-26 April 2014

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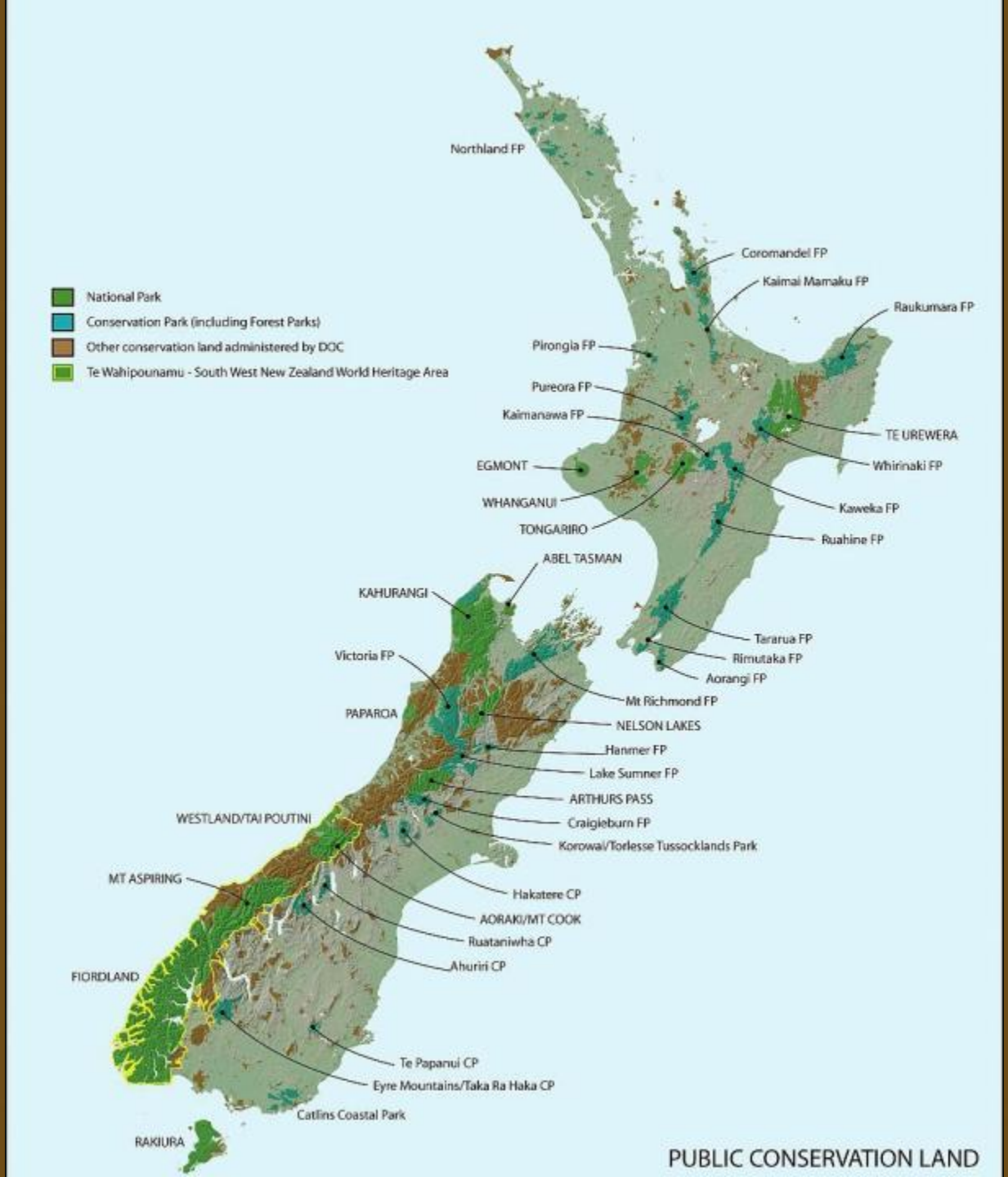

National Park
Conservation Park (including Forest Parks)
Other conservation land administered by DOC
Te Wahipounamu - South West New Zealand World Heritage Area
Northland FP
Coromandel FP
Kaimai Mamaku FP
Raukumara FP
Pirongia FP
Pureora FP
Kaimanawa FP
TE UREWERA
Whirinaki FP
EGMONT
WHANGANUI
TONGARIRO
Kaweka FP
Ruahine FP
ABEL TASMAN
KAHURANGI
Victoria FP
Tararua FP
Rimutaka FP
Aorangi FP
Mt Richmond FP
PAPAROA
NELSON LAKES
Hanmer FP
Lake Sumner FP
ARTHURS PASS
WESTLAND/TAI POUTINI
Craigieburn FP
Korowai/Torlesse Tussocklands Park
MT ASPIRING
Hakatere CP
AORAKI/MT COOK
Ruataniwha CP
Ahuriri CP
FIORDLAND
Te Papanui CP
Eyre Mountains/Taka Ra Haka CP
Catlins Coastal Park
RAKIURA
PUBLIC CONSERVATION LAND

NewTopo

**Egmont National Park established 1900**

# New Zealand's National Parks:
## Their establishment and official mapping

Established:

**1887 Tongariro**

| | |
|---|---|
| Plan of TNP. 1:95 040 | Ed.1 1909 |
| NZMS 150. 1:80 000 | Ed.1 1958, Ed.2 1963, Ed.3 1969, Ed.4 1973, |
| NZMS 192. 1:190 000 | Ed.1 1972 |
| Parkmap 273/04. 1:80 000 | Ed.1 1977, Ed.2 1980, Ed. 3 1985, Ed.4 1987, Ltd.Rev. 1991, Ed.5 1996, Ltd.Rev 2000, Ed.6 2004 |
| *Ruapehu and Tongariro recreation areas 1:50 000* | *Ed.1 2002, Ed.3 2004 (Terralink, no edition 2)* |

**1900 Egmont**

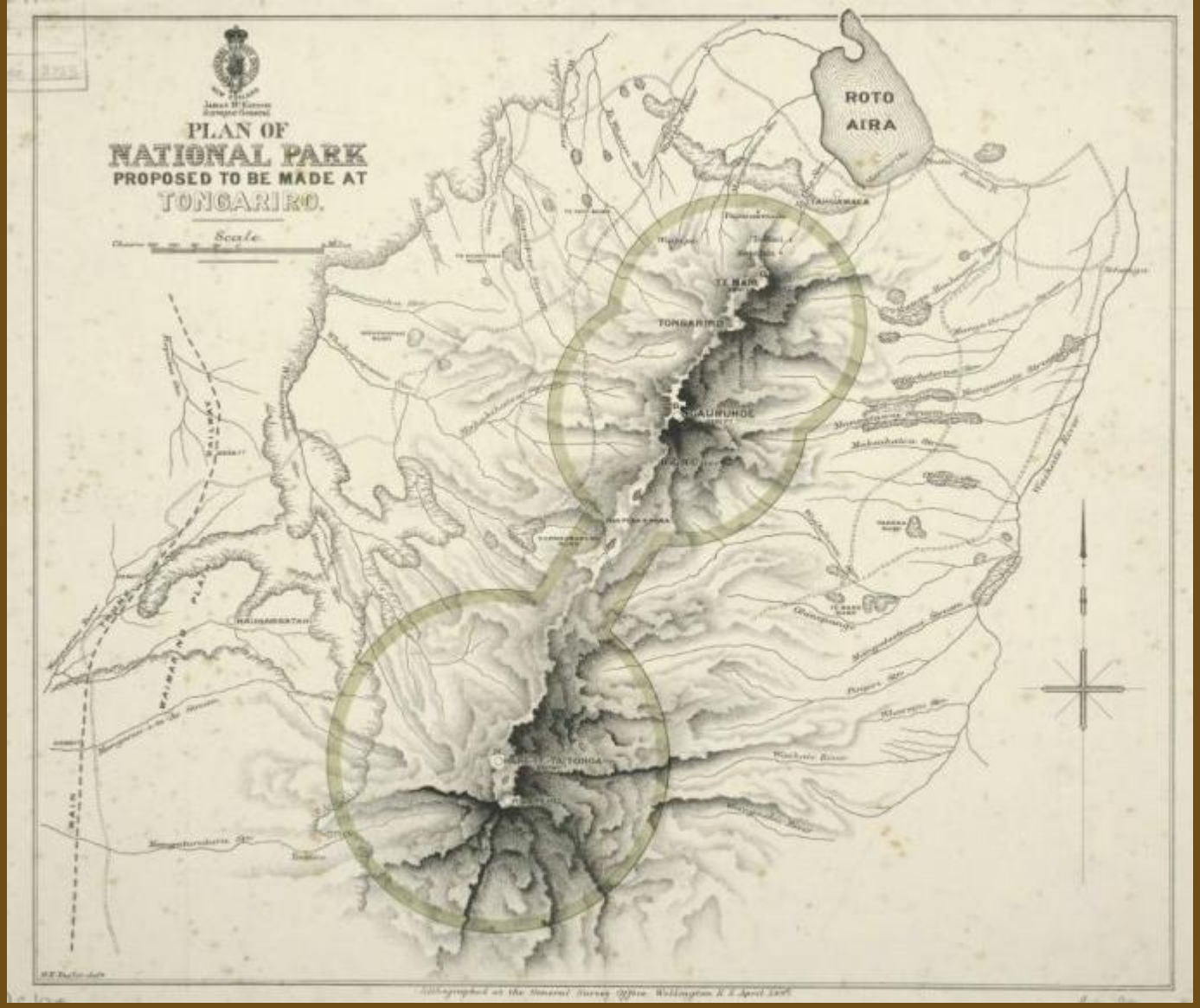
| | |
|---|---|
| NZMS 169. 1:40 000 | Ed.1 1960, Ed.2 1963, Ed.3 1968, Ed.4 1974, Ed.5 1979, Ed.6 1983, Ed.7 1986 |
| Parkmap 273/09. 1:50 000 | Ed.1 1991, Ed.2 1994, Ltd.Rev 1998, Ed.3 2003 |

**1929 Arthur's Pass**

| | |
|---|---|
| Plan of APNP. 1:63 360 | Ed.1? 1931 |
| NZMS 194. 1:80 000 | Ed.1 1961, Ed.2 1962, Ed.3 1969, Ed.4 1971 |
| Parkmap 273/1. 1:80 000. | Ed.1 1980, Ed.2 1983, Ed.3 1985, Ed.4 1992, Ed.5 1995, |

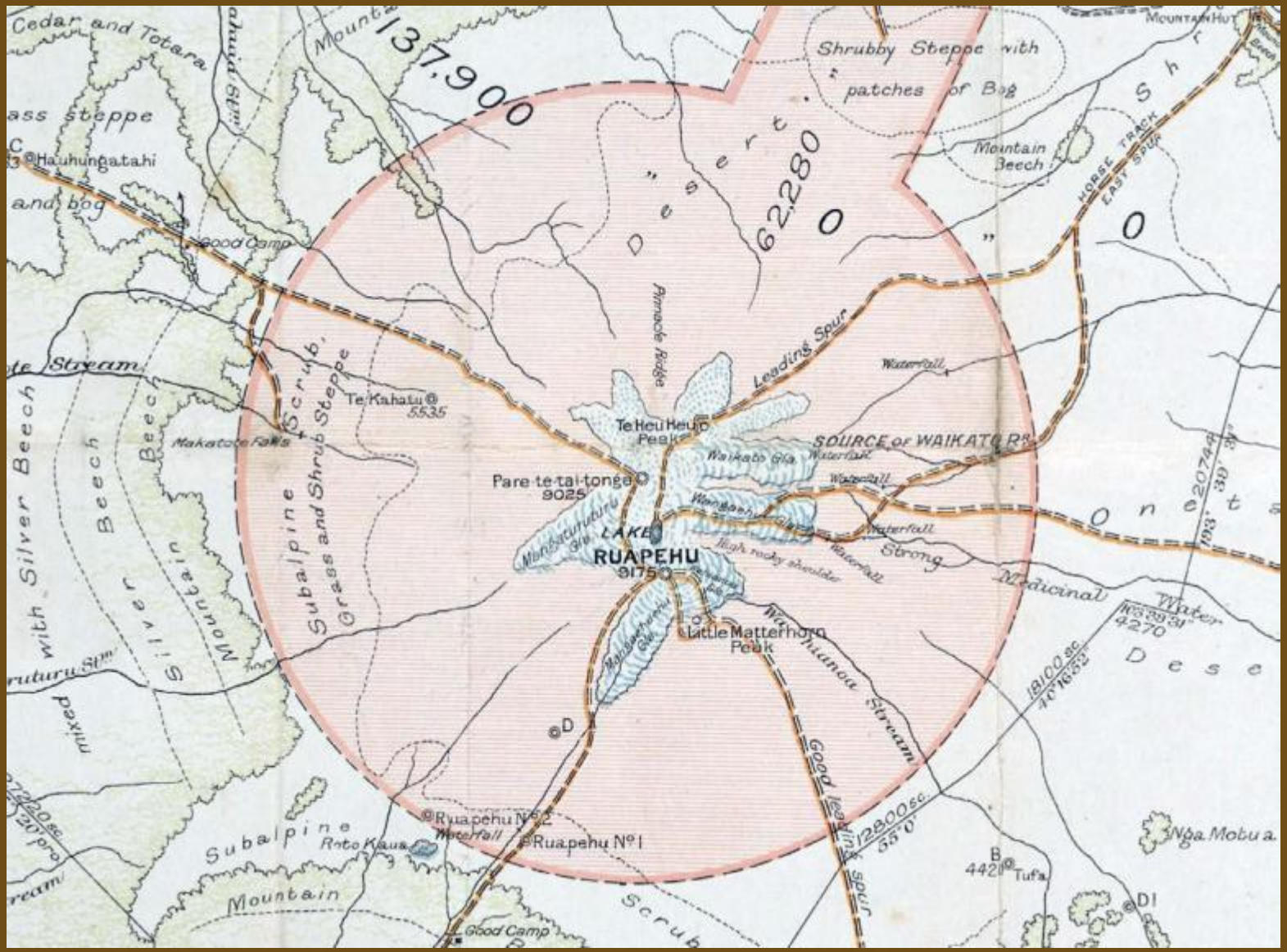
**1942 Abel Tasman**

| | |
|---|---|
| NZMS 183. 1:40 000 | Ed.1 1969, Ed.2 1973, Ed.3 1980, Ed.4 1984, |
| Parkmap 273/07. 1:50 000. | Ed.1 1987, Ed.2 1989, Ltd.Rev. 1991, Ed.3 1992, Ed.4 1995, Ltd.Rev. 1998 |

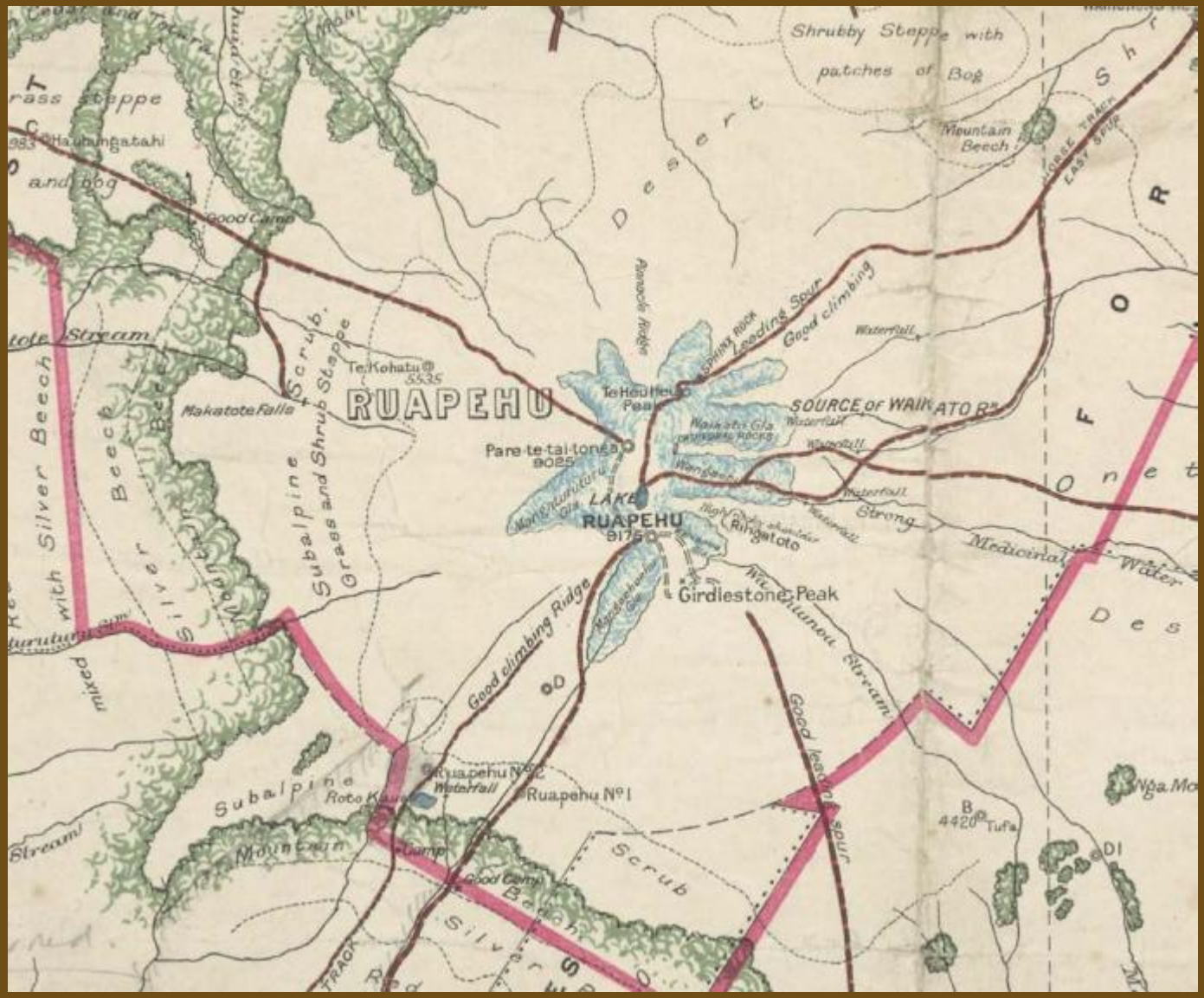



**Tongariro proposal 1887**

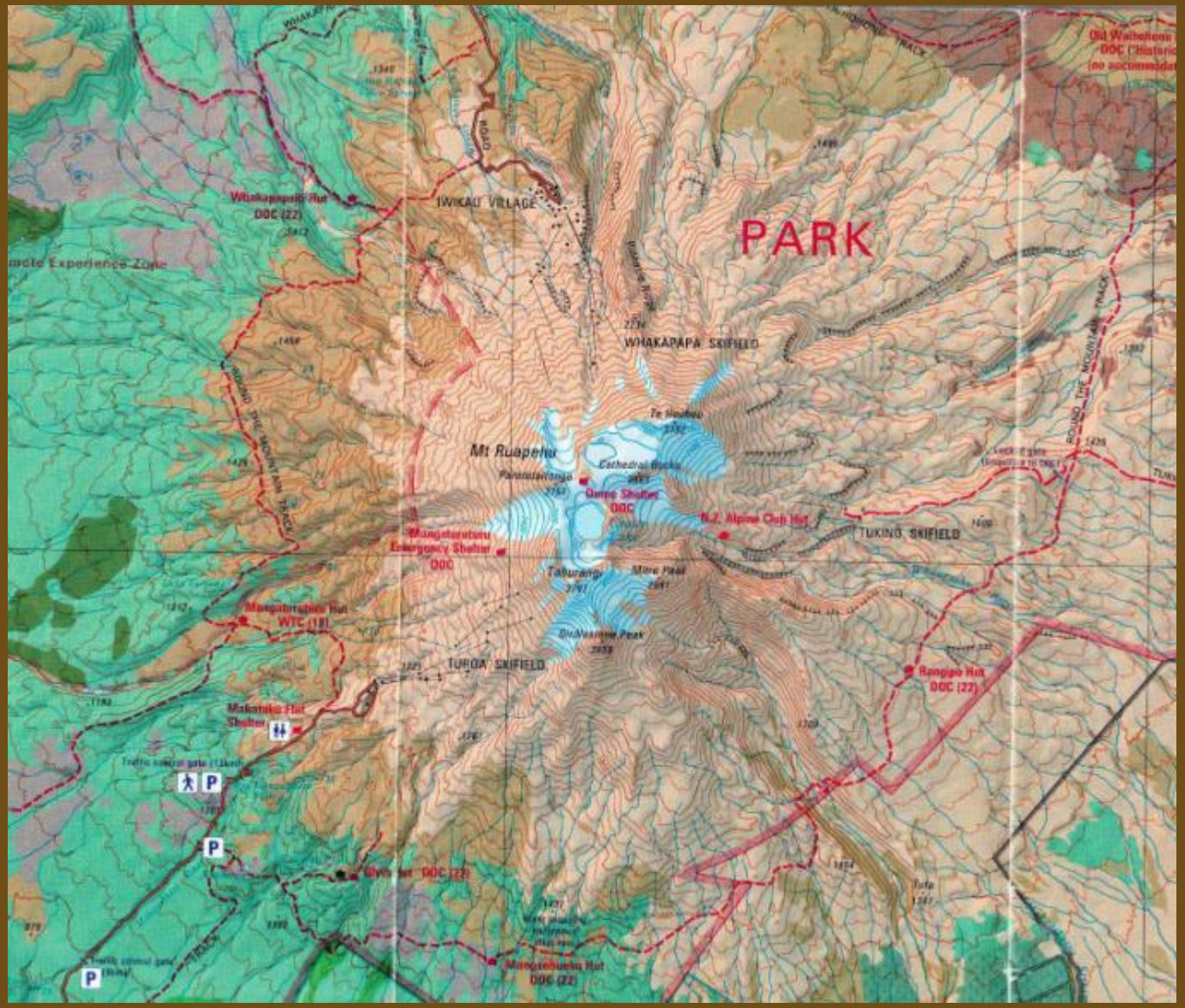
**Tongariro 1887: detail**



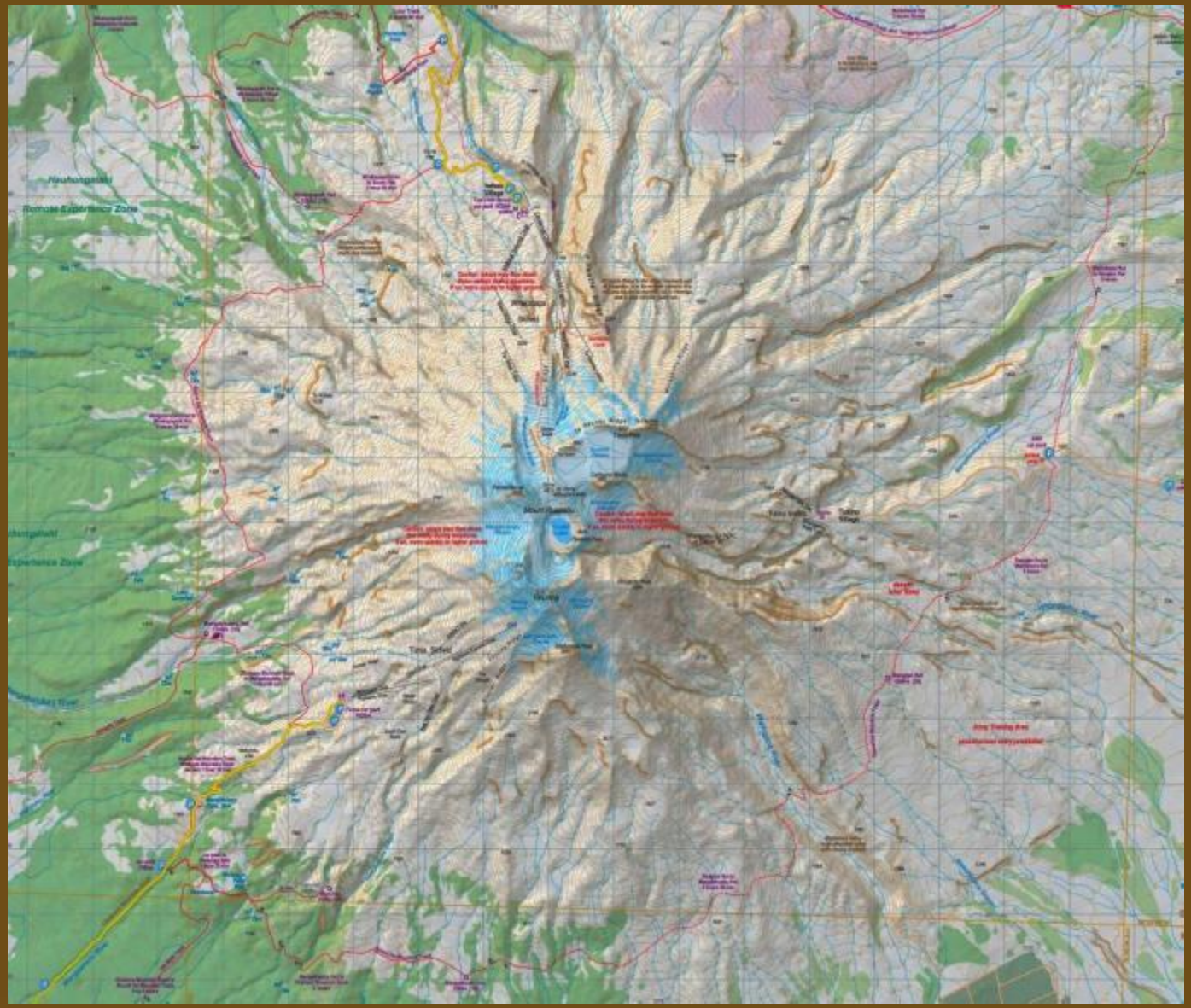

**Tongariro 1909: detail**




**Tongariro 1924: detail**

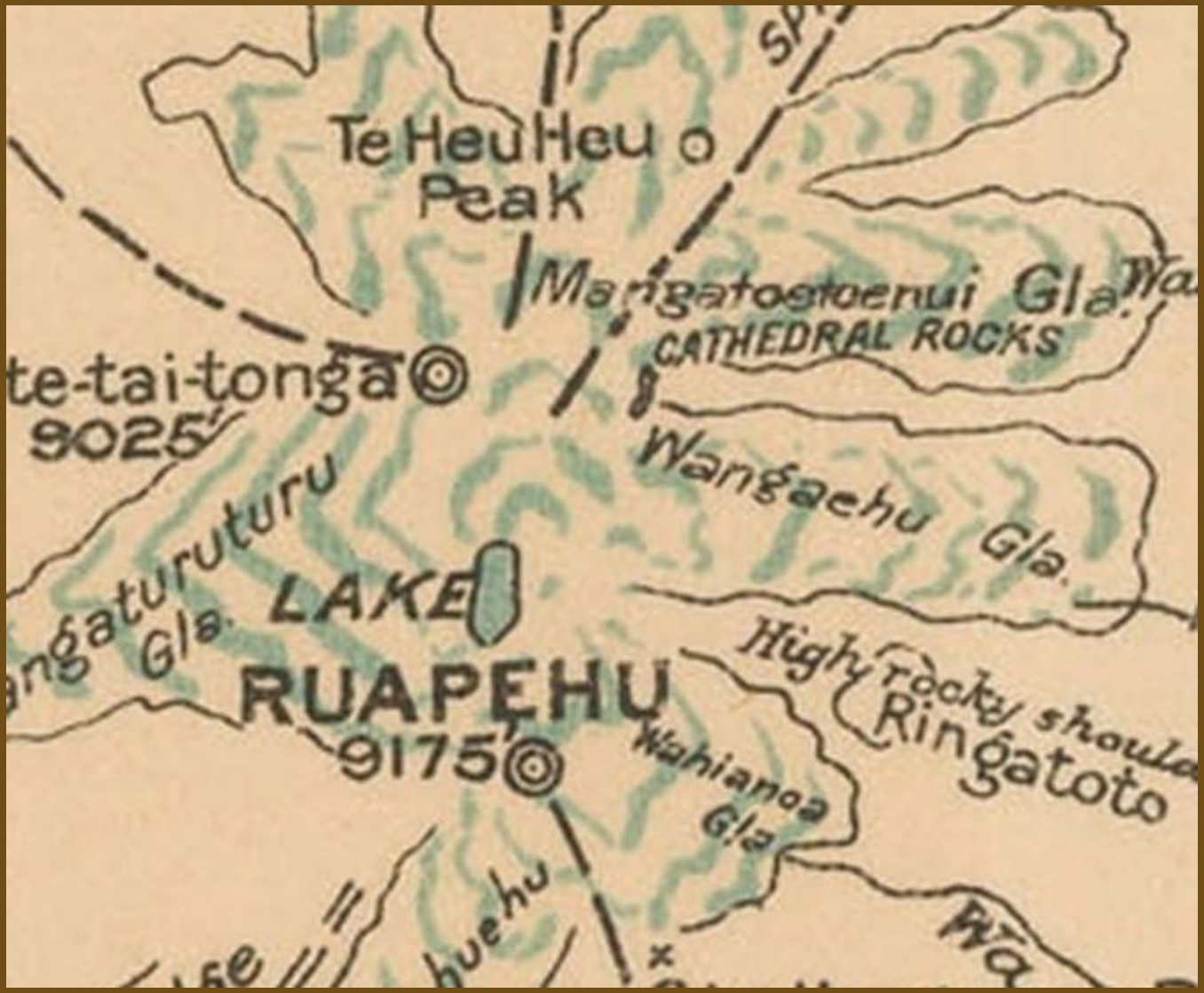



# Tongariro 1996: detail

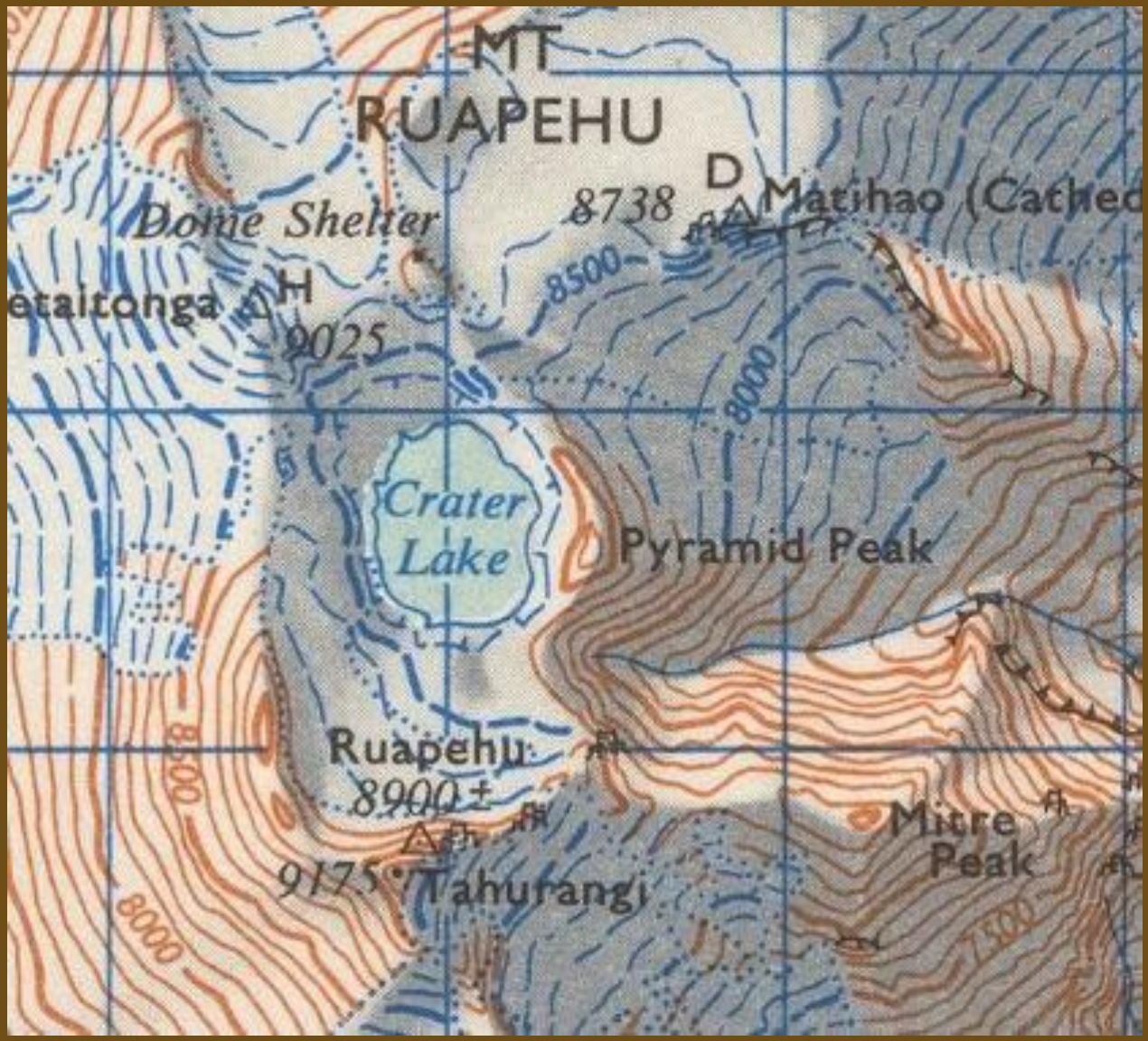


## Tongariro 2012: detail

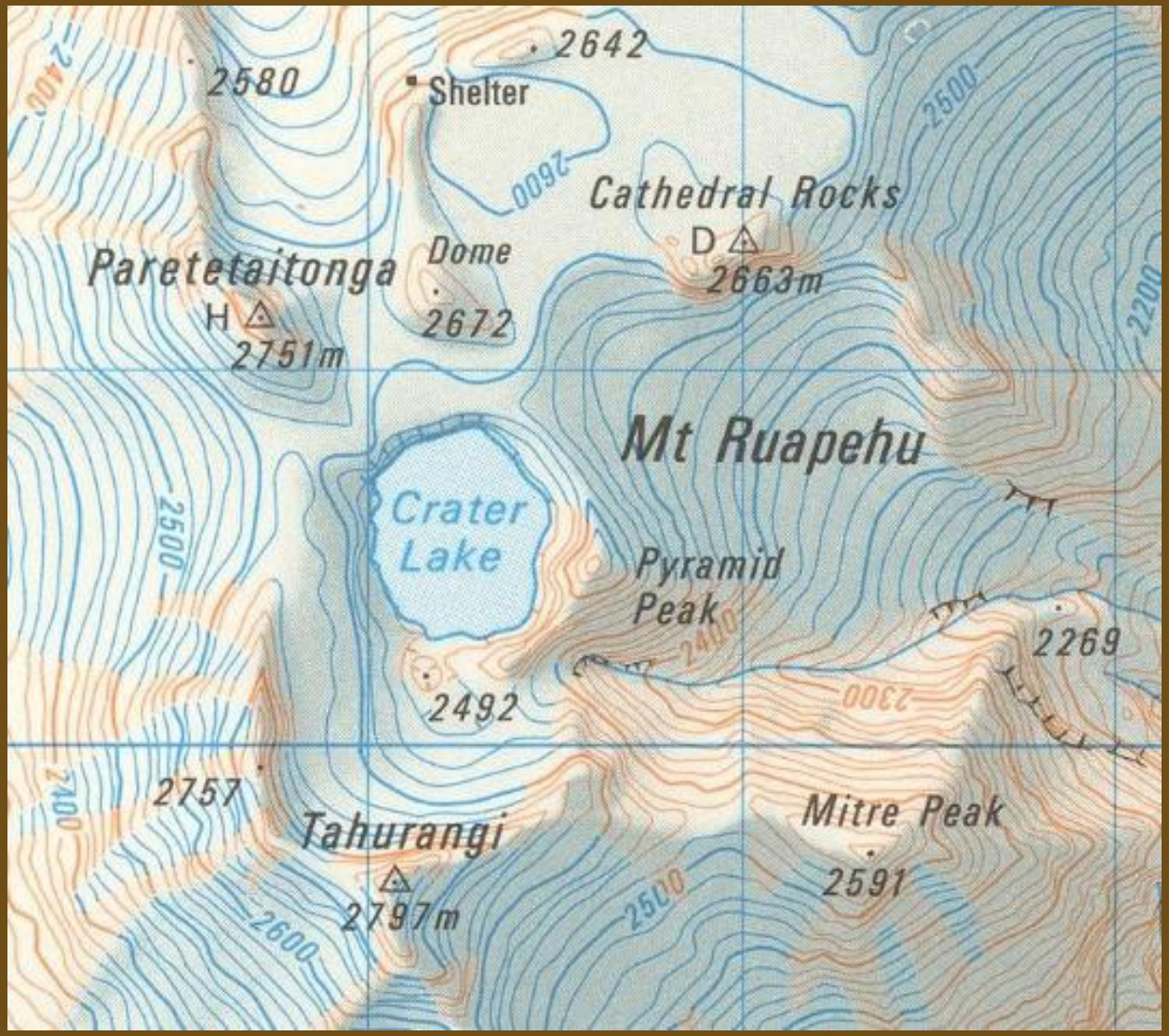
**Ruapehu summit 1887**



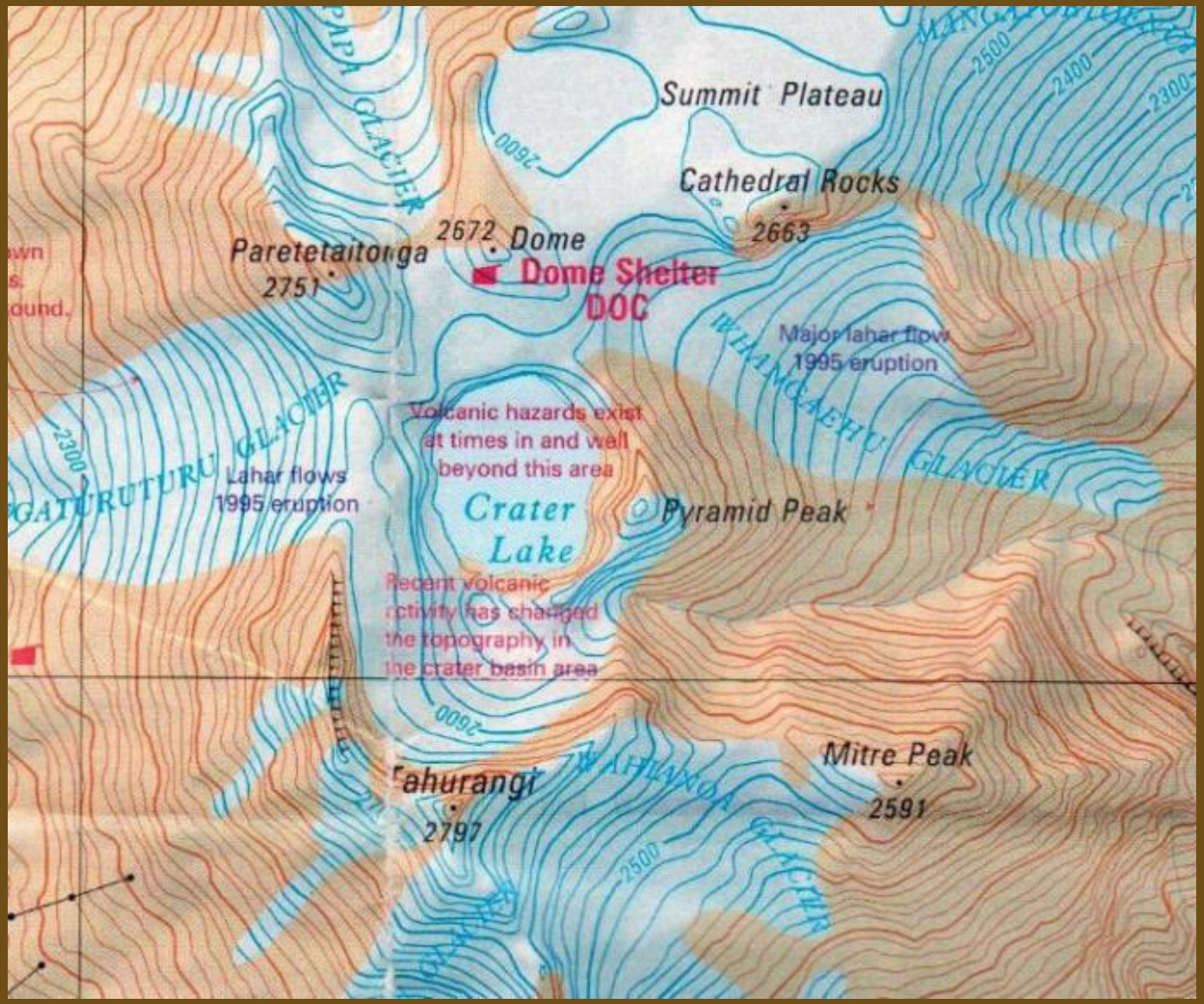

**Ruapehu summit 1927**



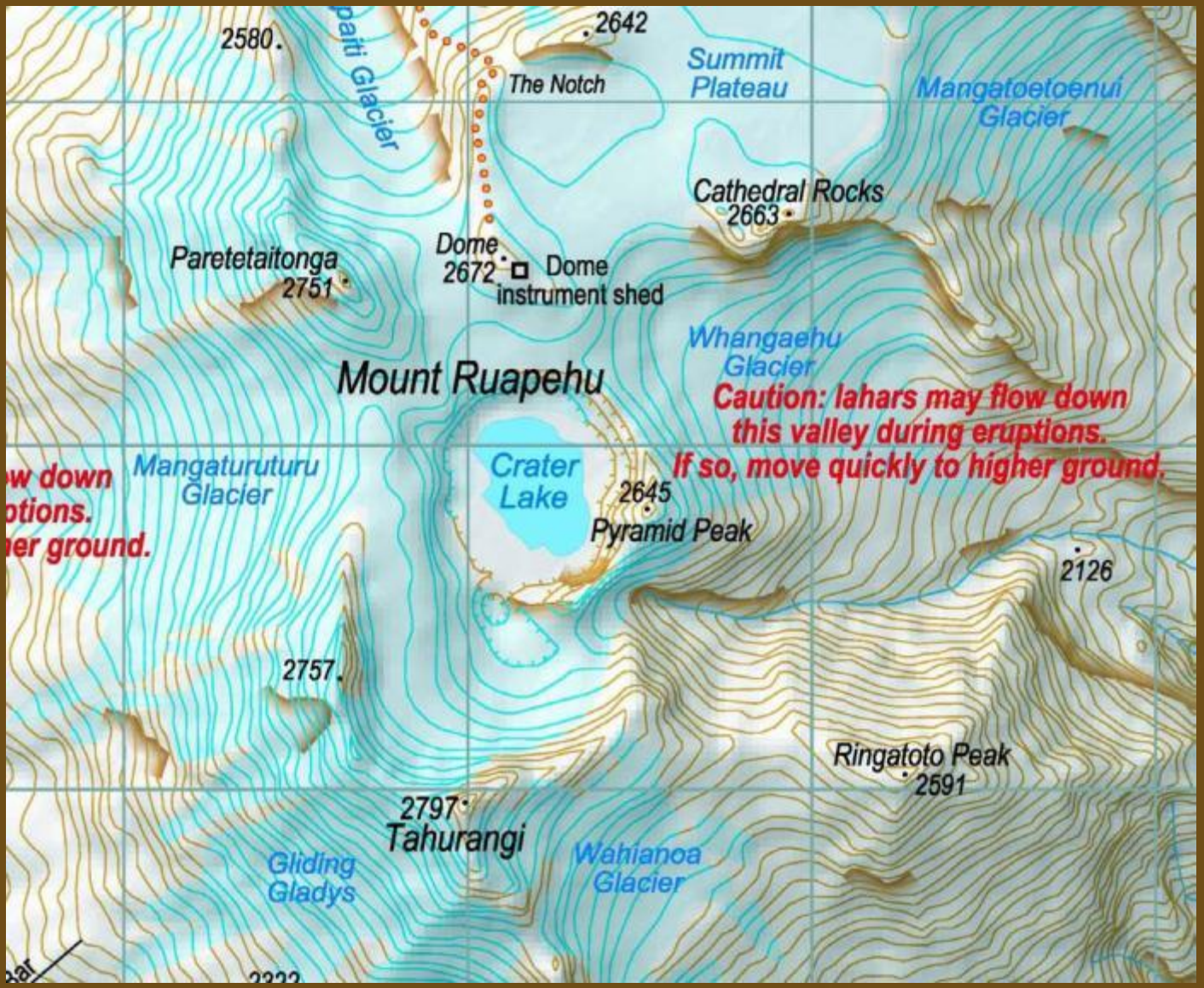

**Ruapehu summit 1966**



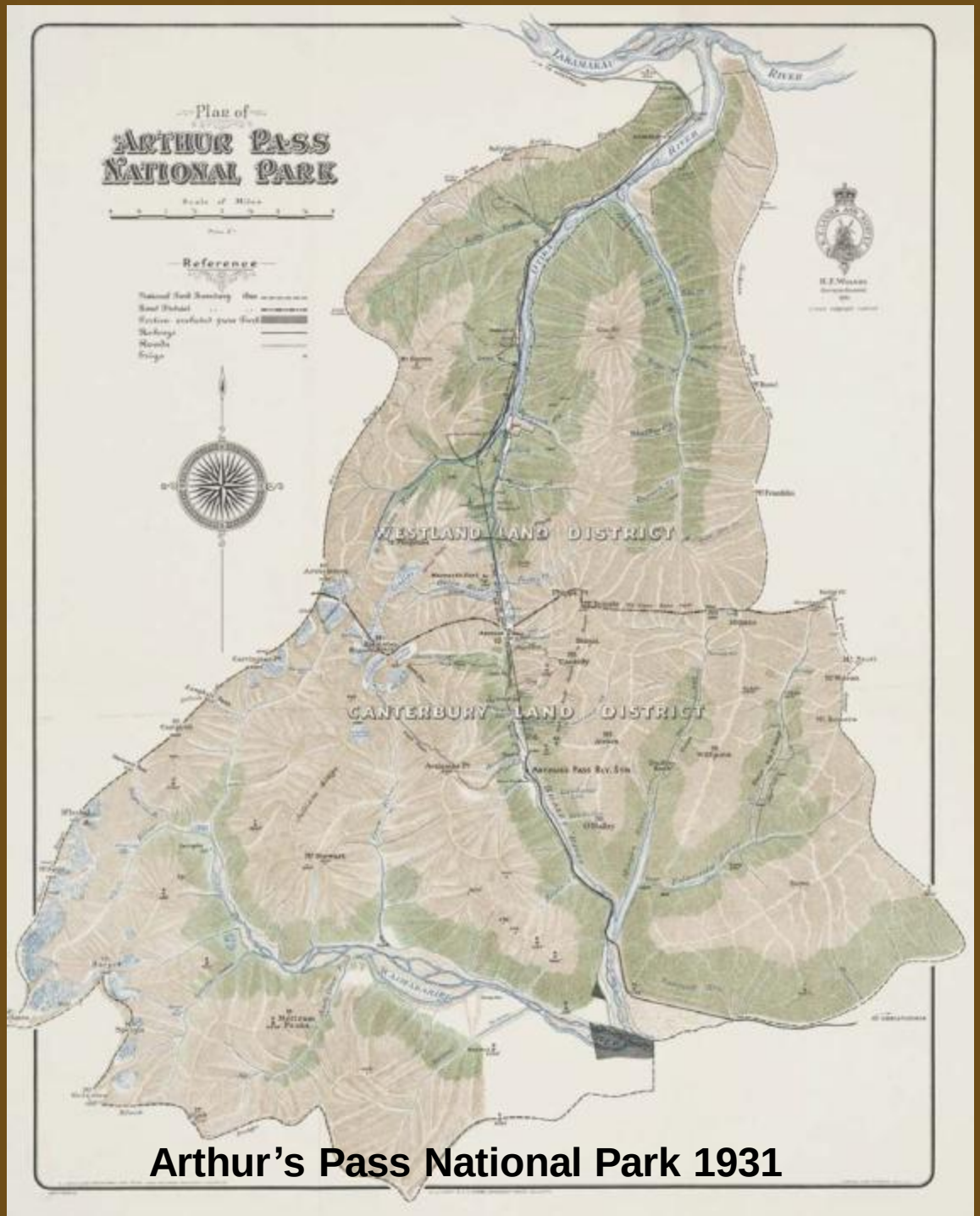

**Ruapehu summit 1982**



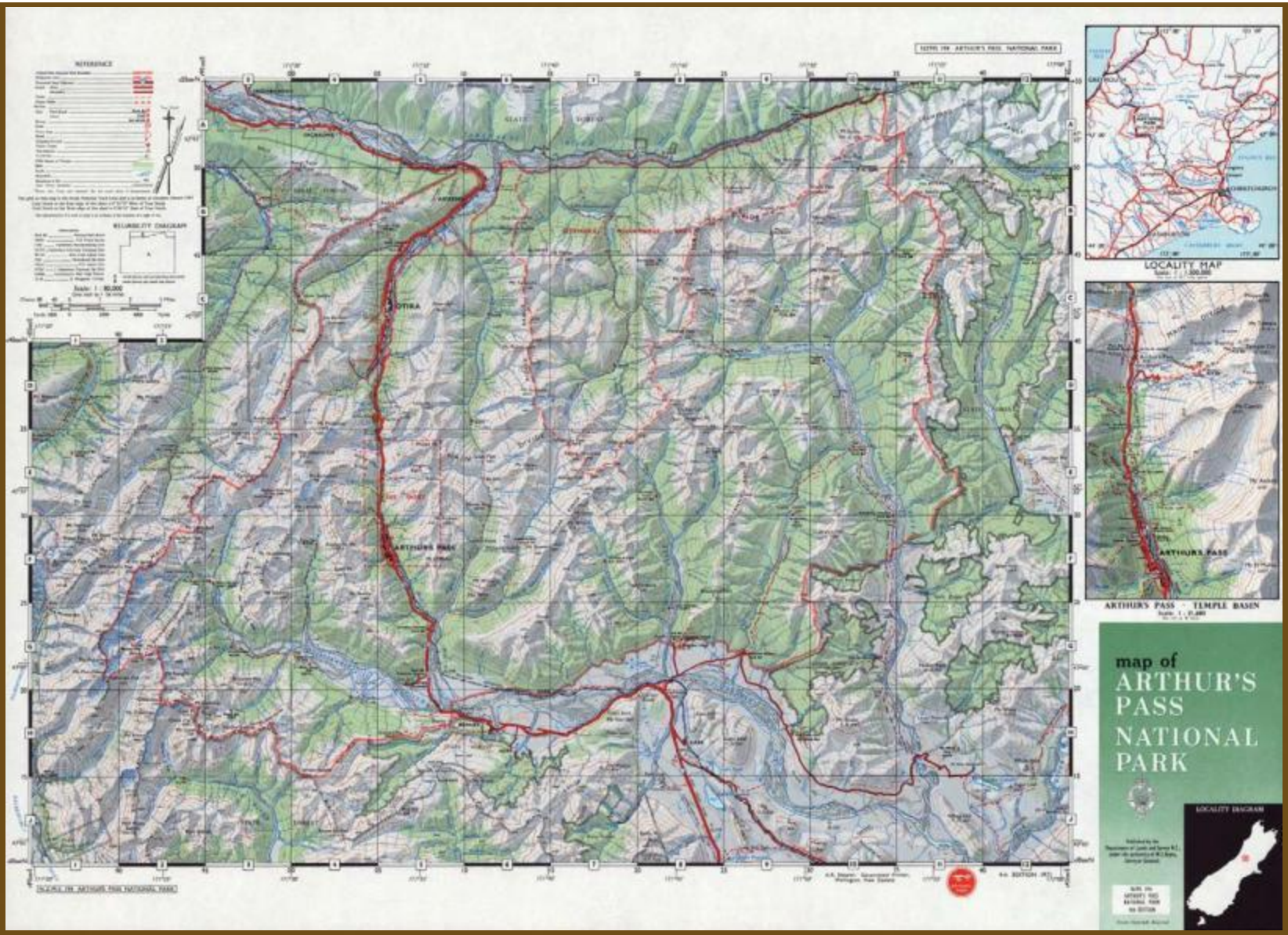

## Ruapehu summit 1996



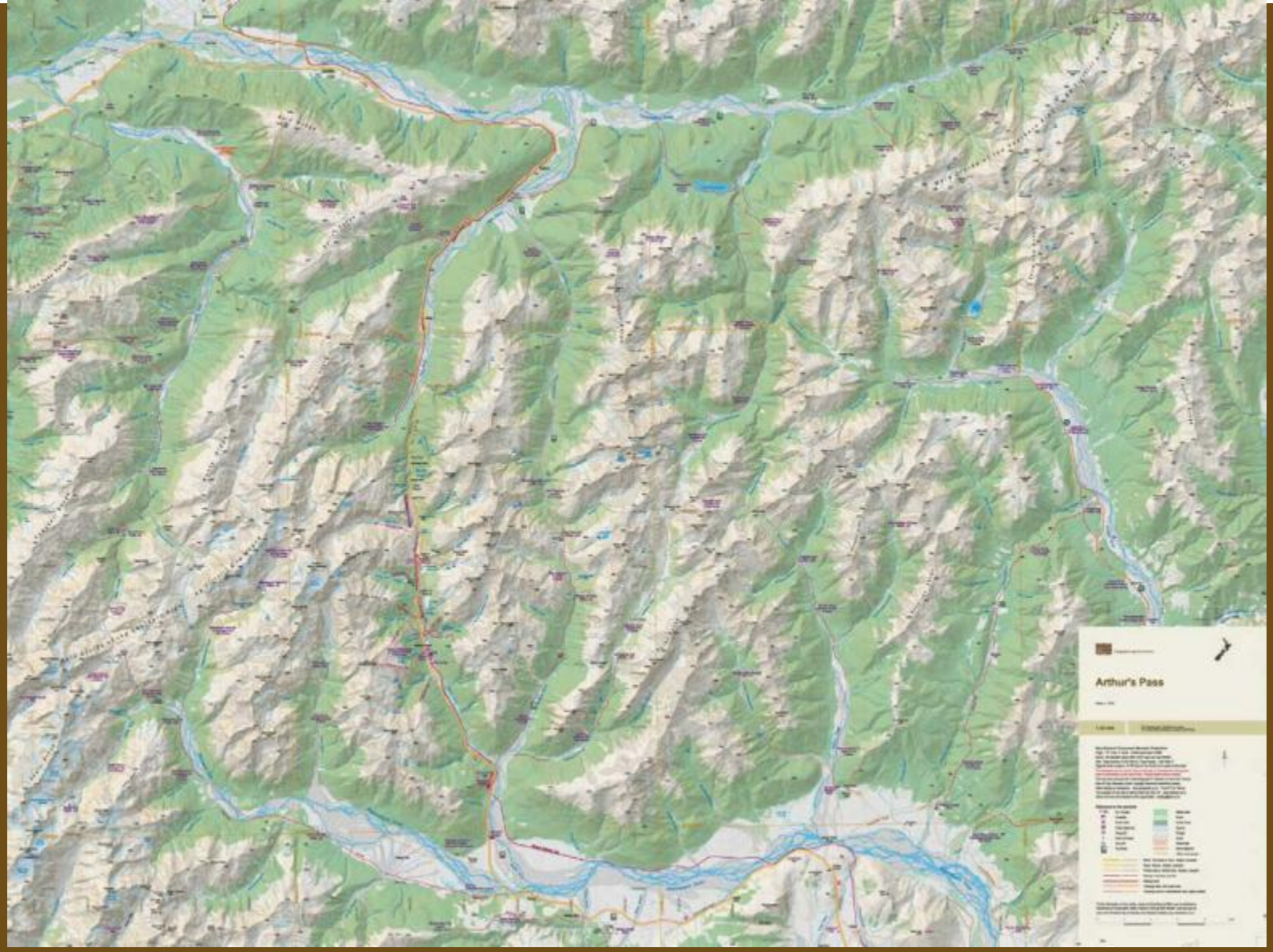

**Ruapehu summit 2012**



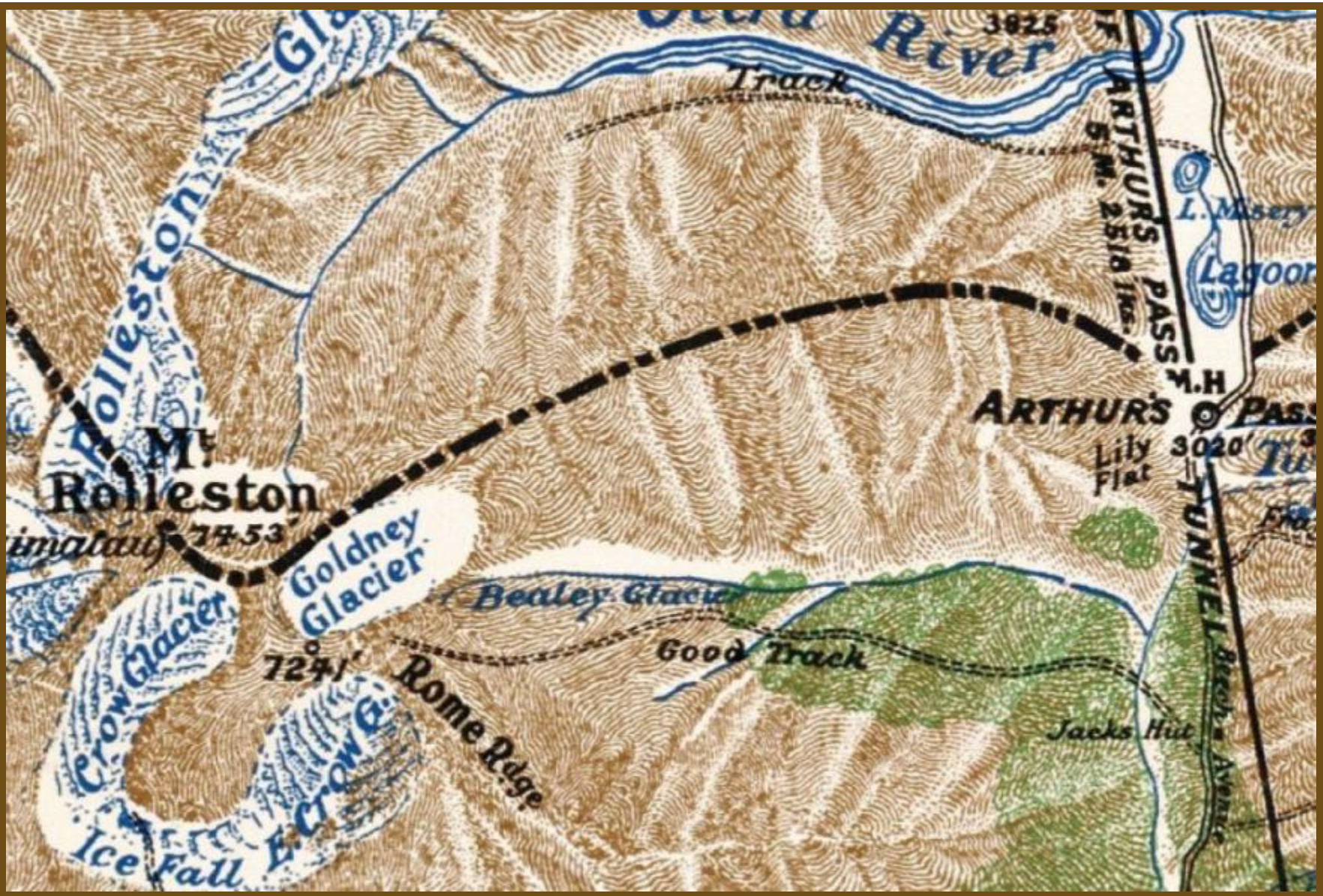

**Arthur’s Pass National Park 1931**



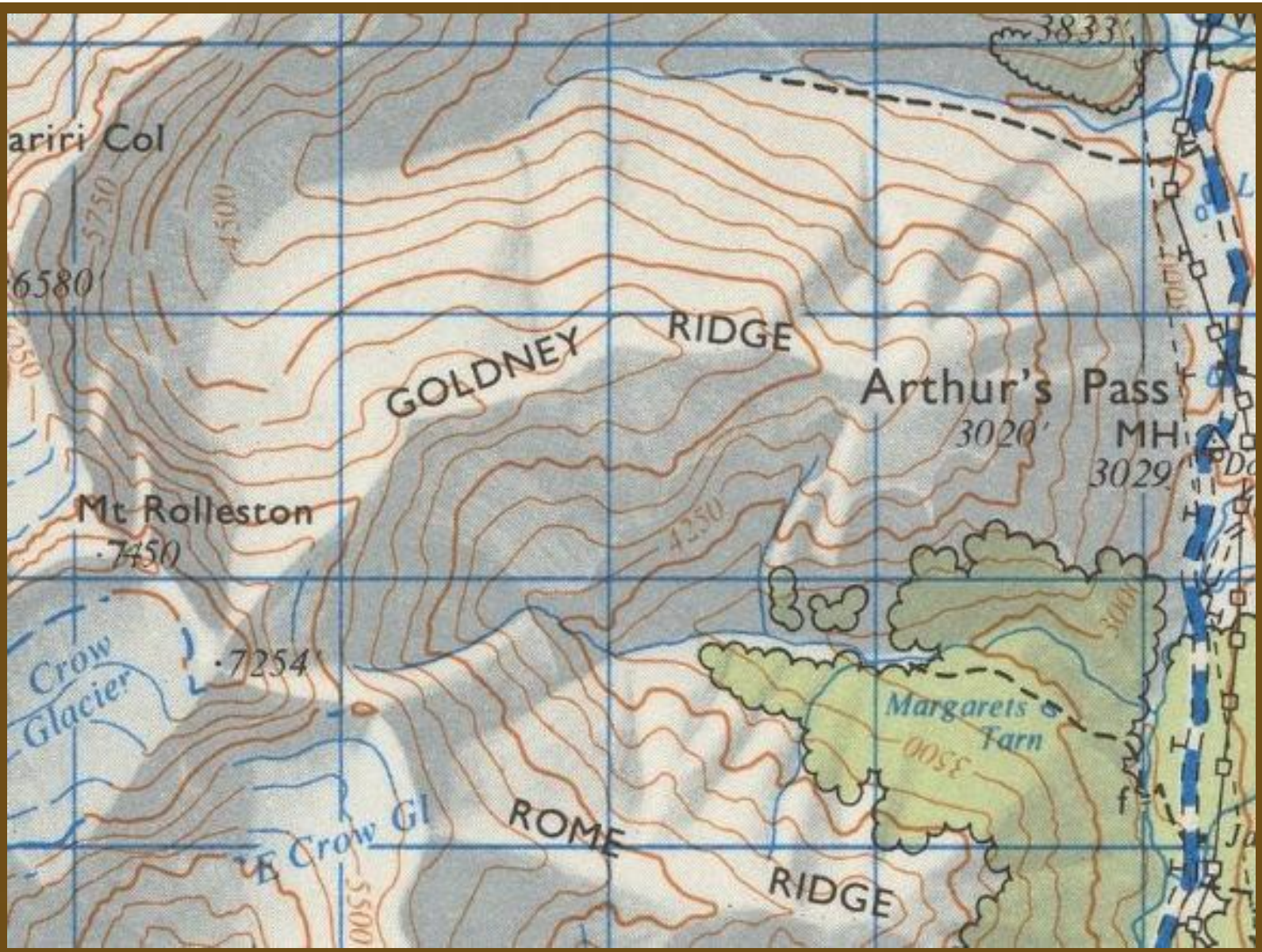

# Arthur's Pass 1971



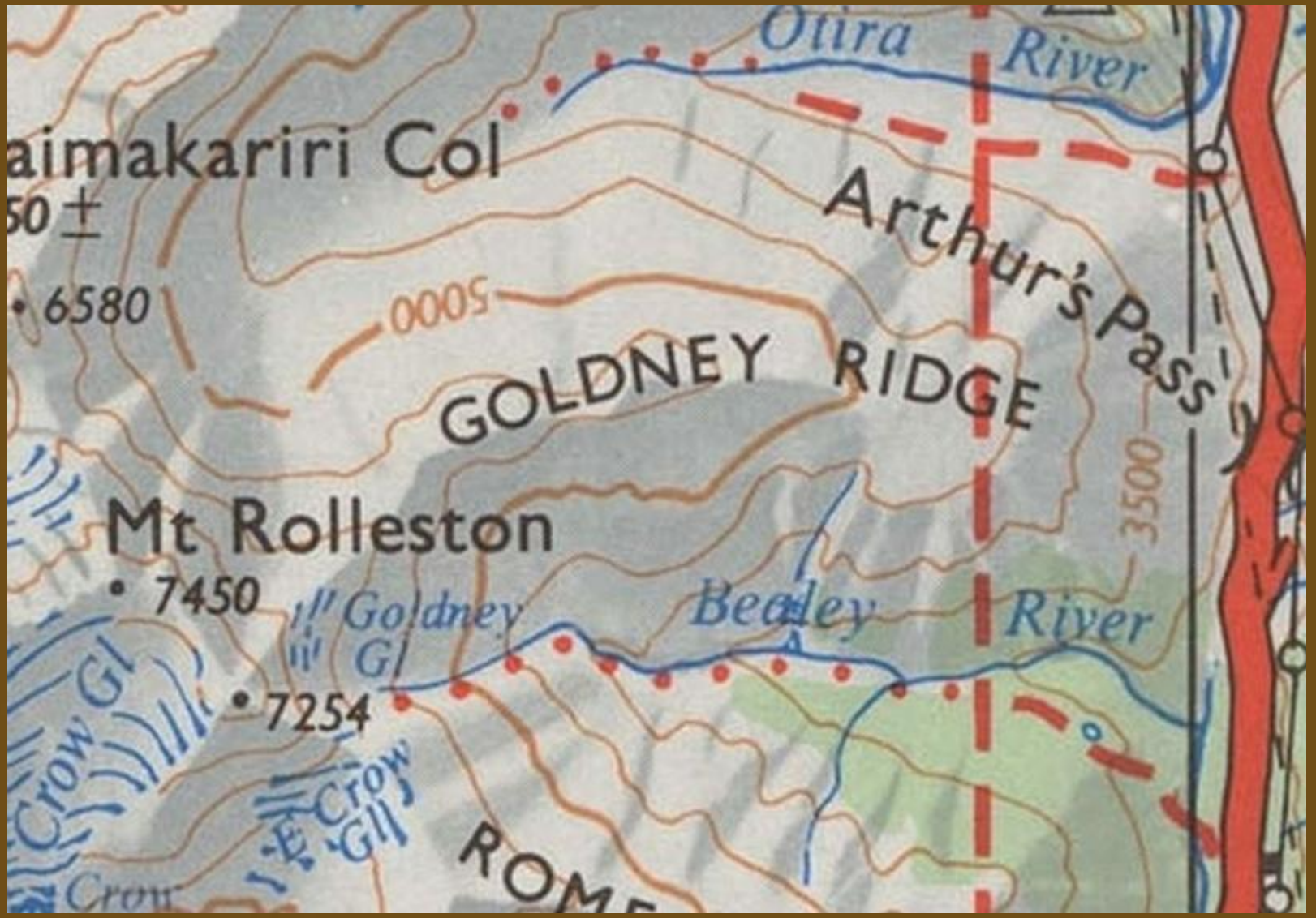

# Arthur’s Pass 2012



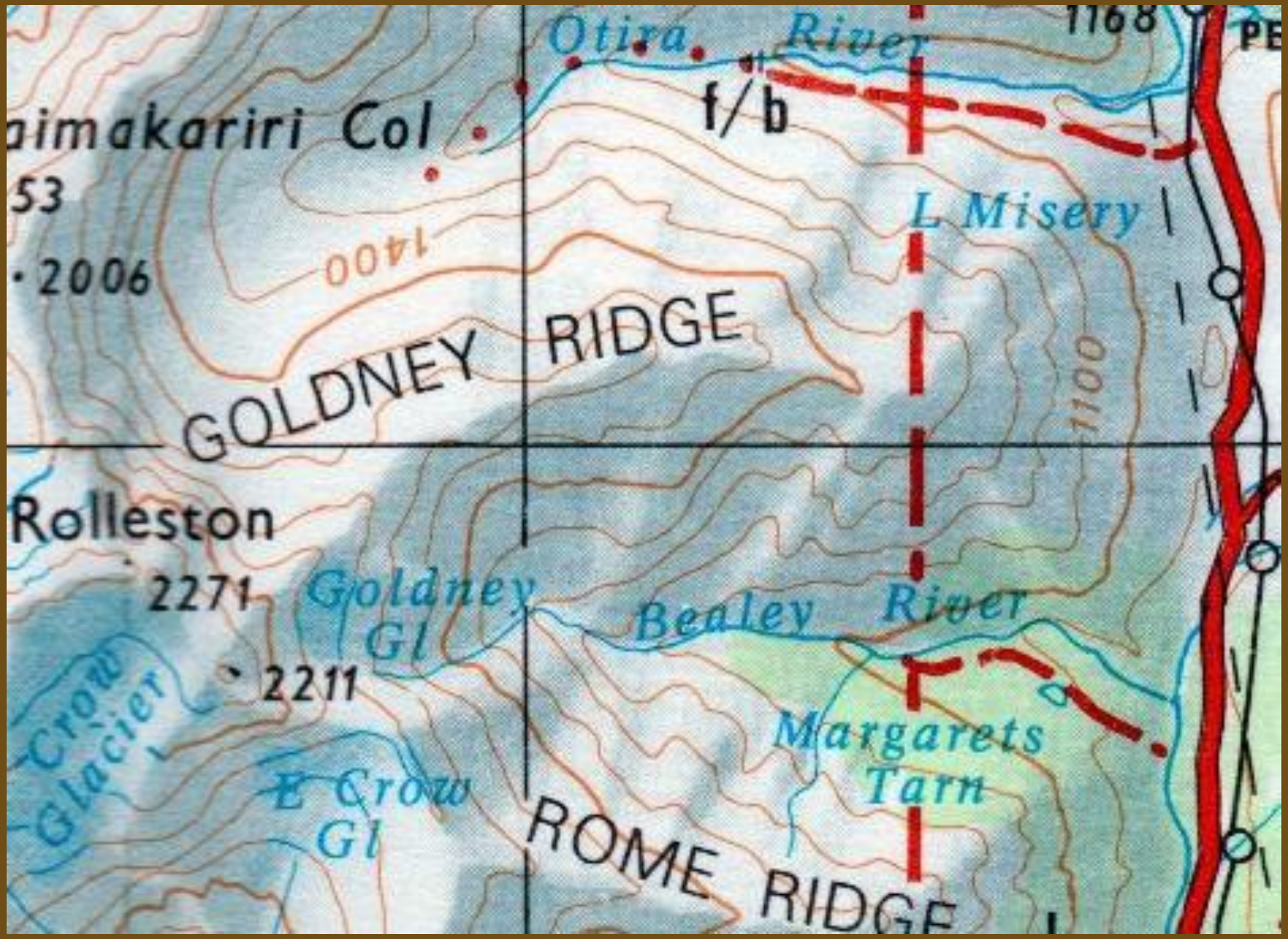

**Arthur's Pass 1931: detail**



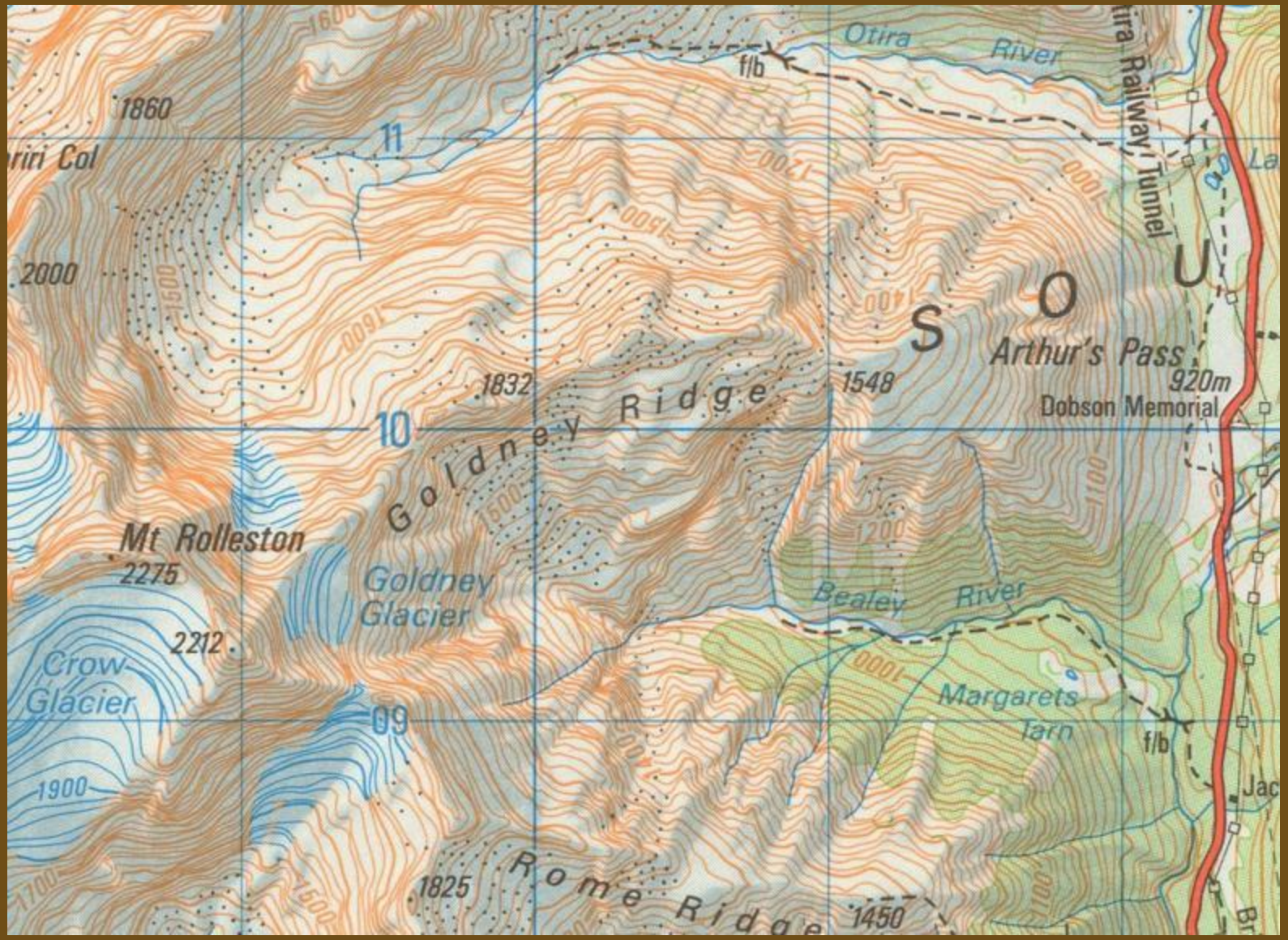

**Arthur's Pass 1965: detail**



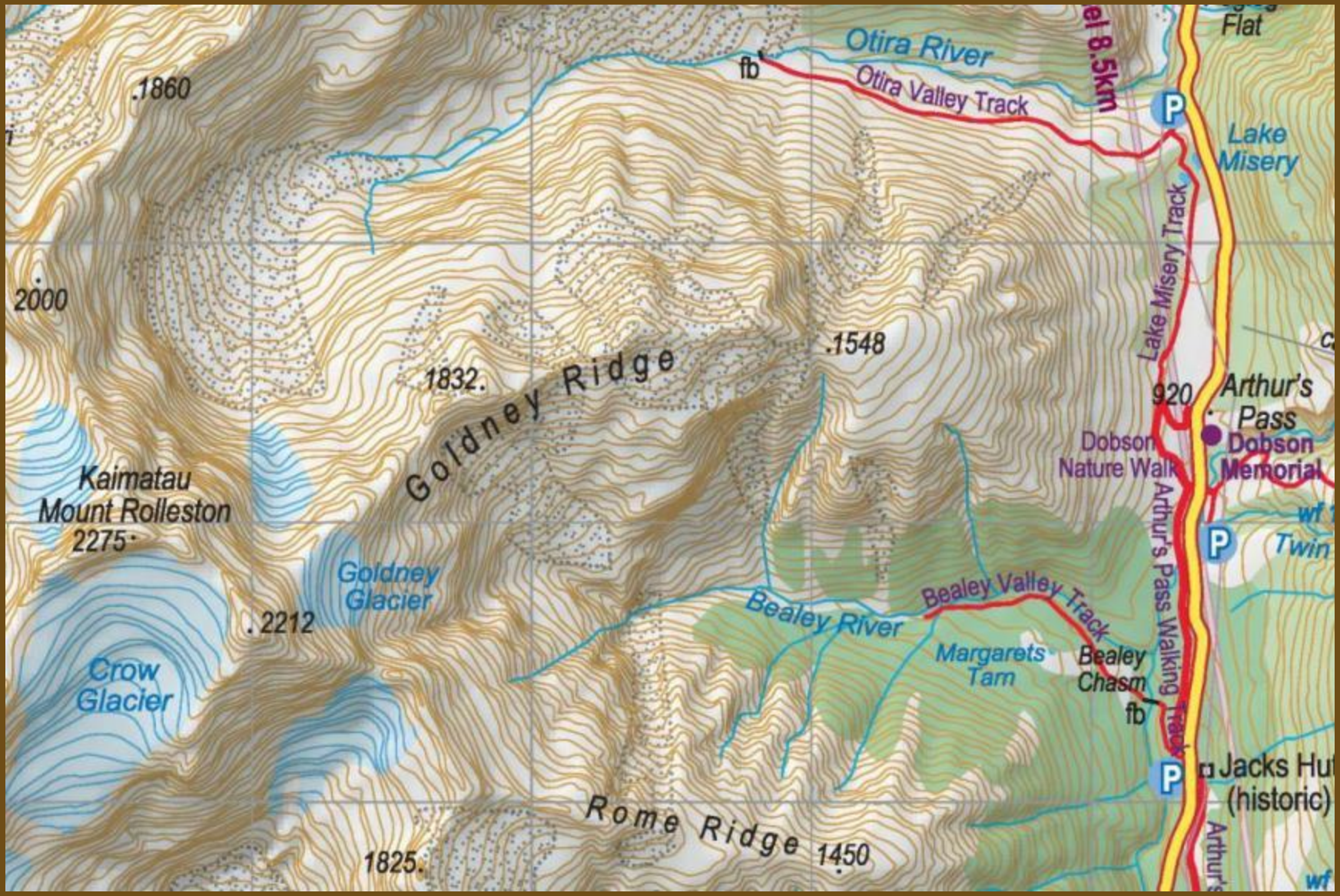

**Arthur's Pass 1971: detail**



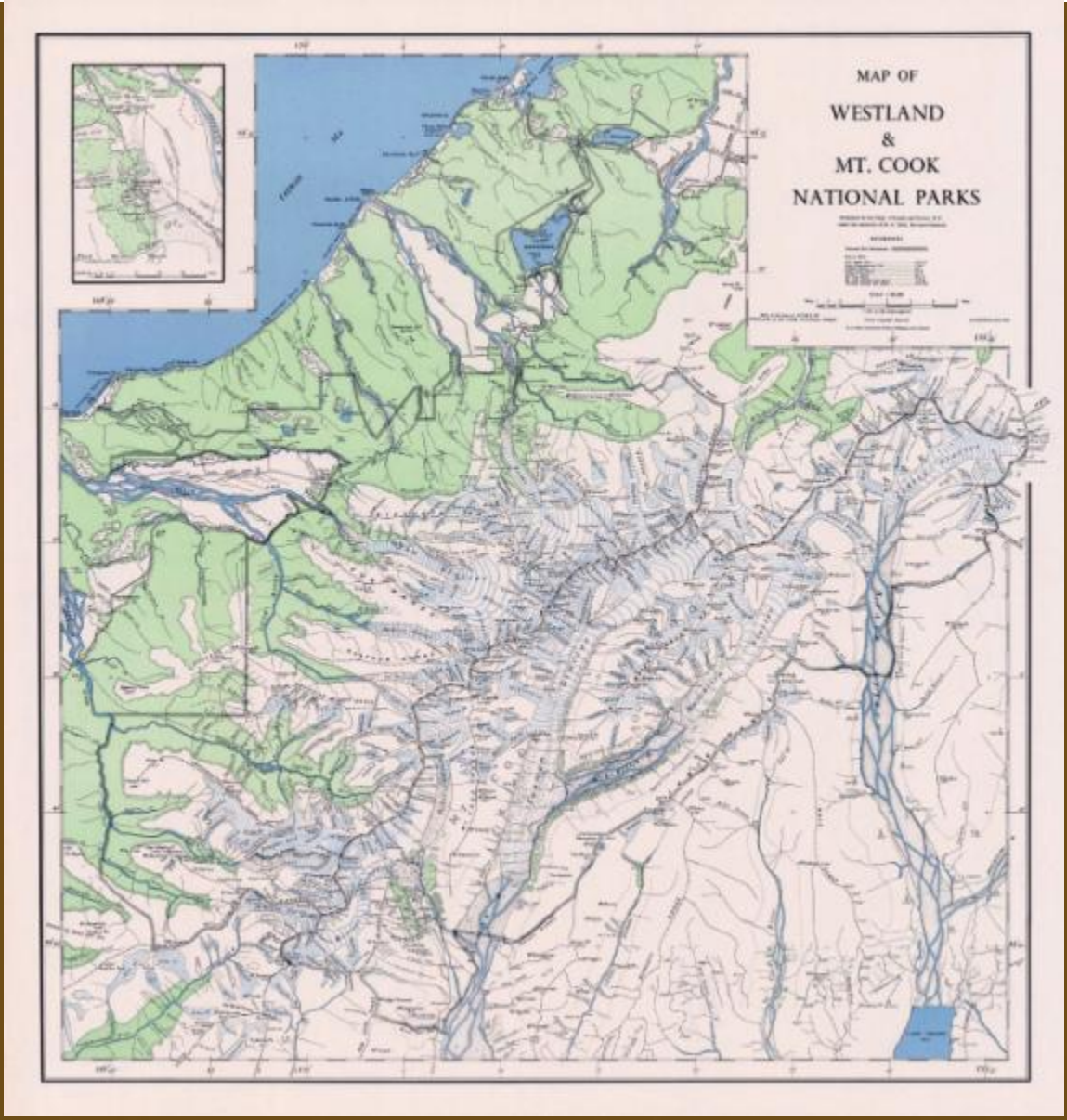

**Arthur's Pass 1985: detail**




**Arthur's Pass 1989: detail**




## Arthur's Pass 2012: detail




## Mount Cook 1961

# Mount Cook 1991

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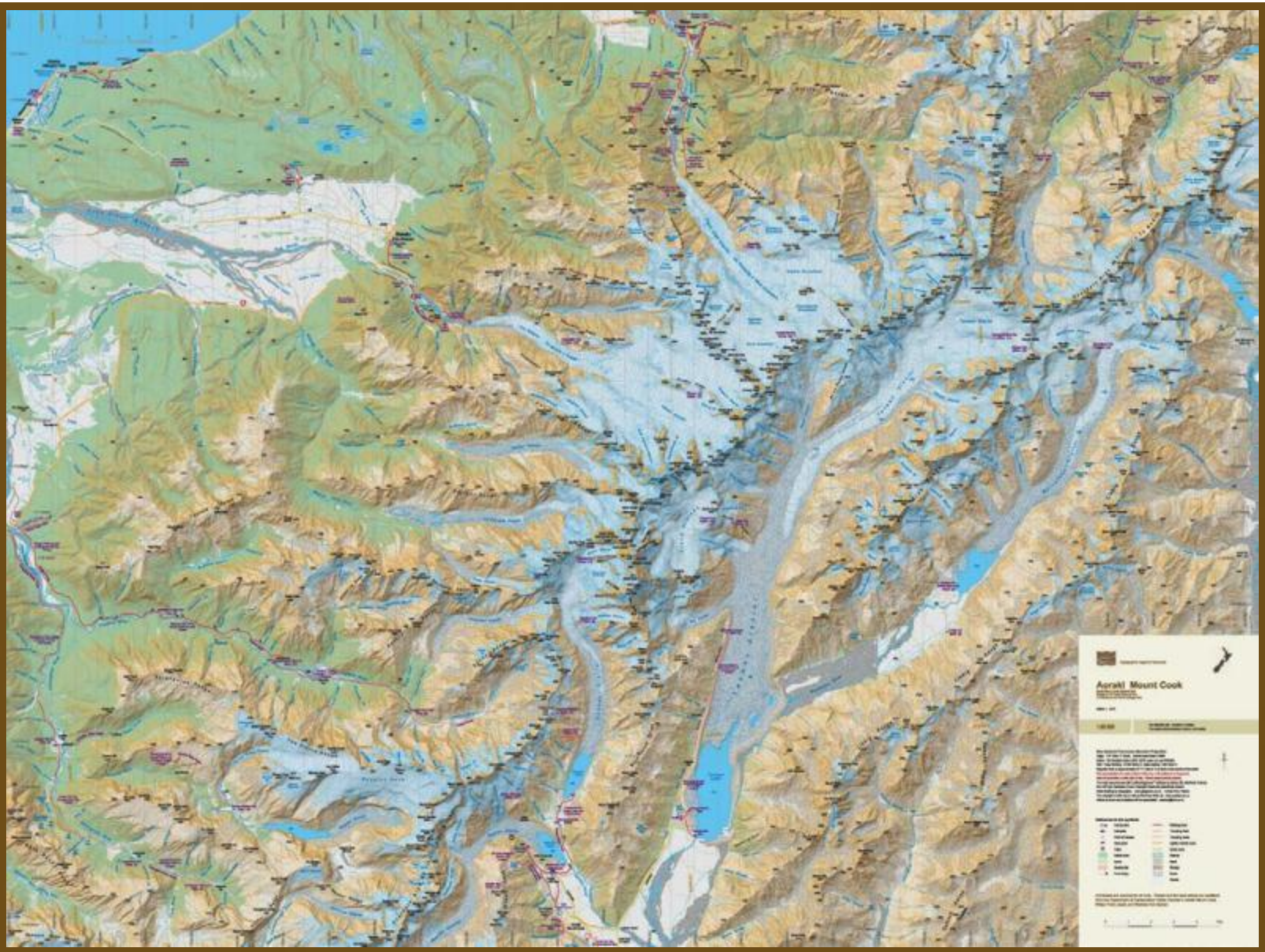
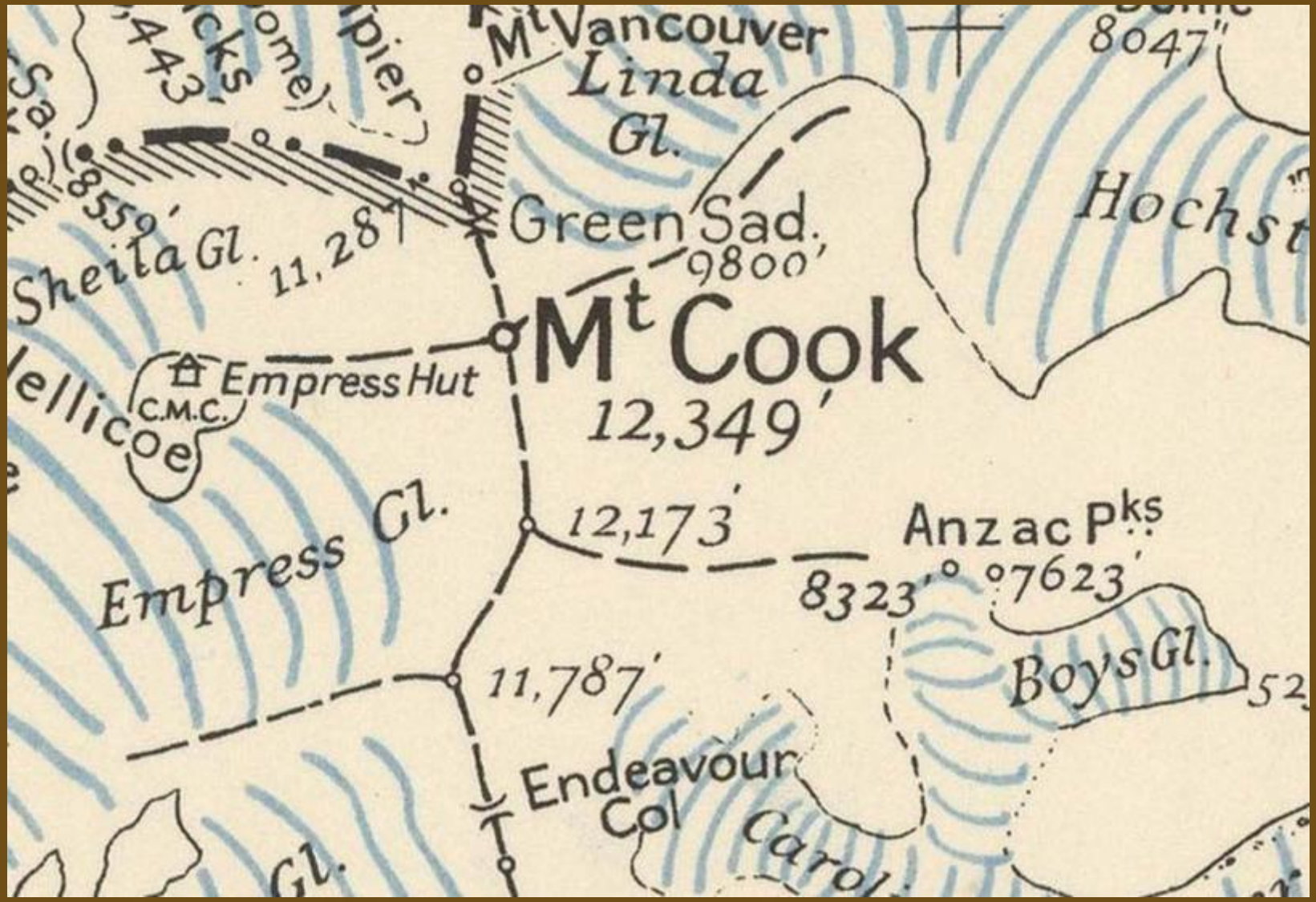
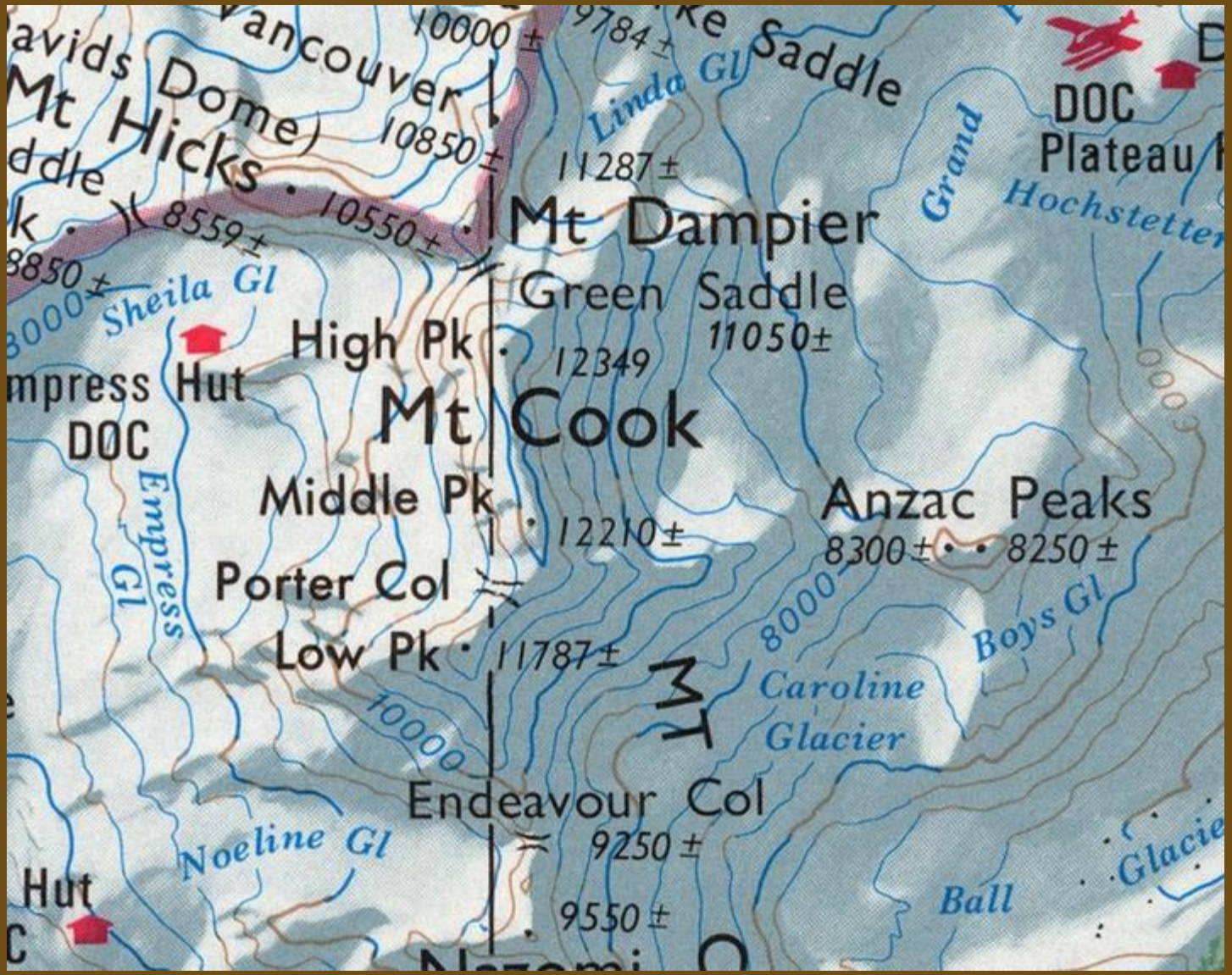


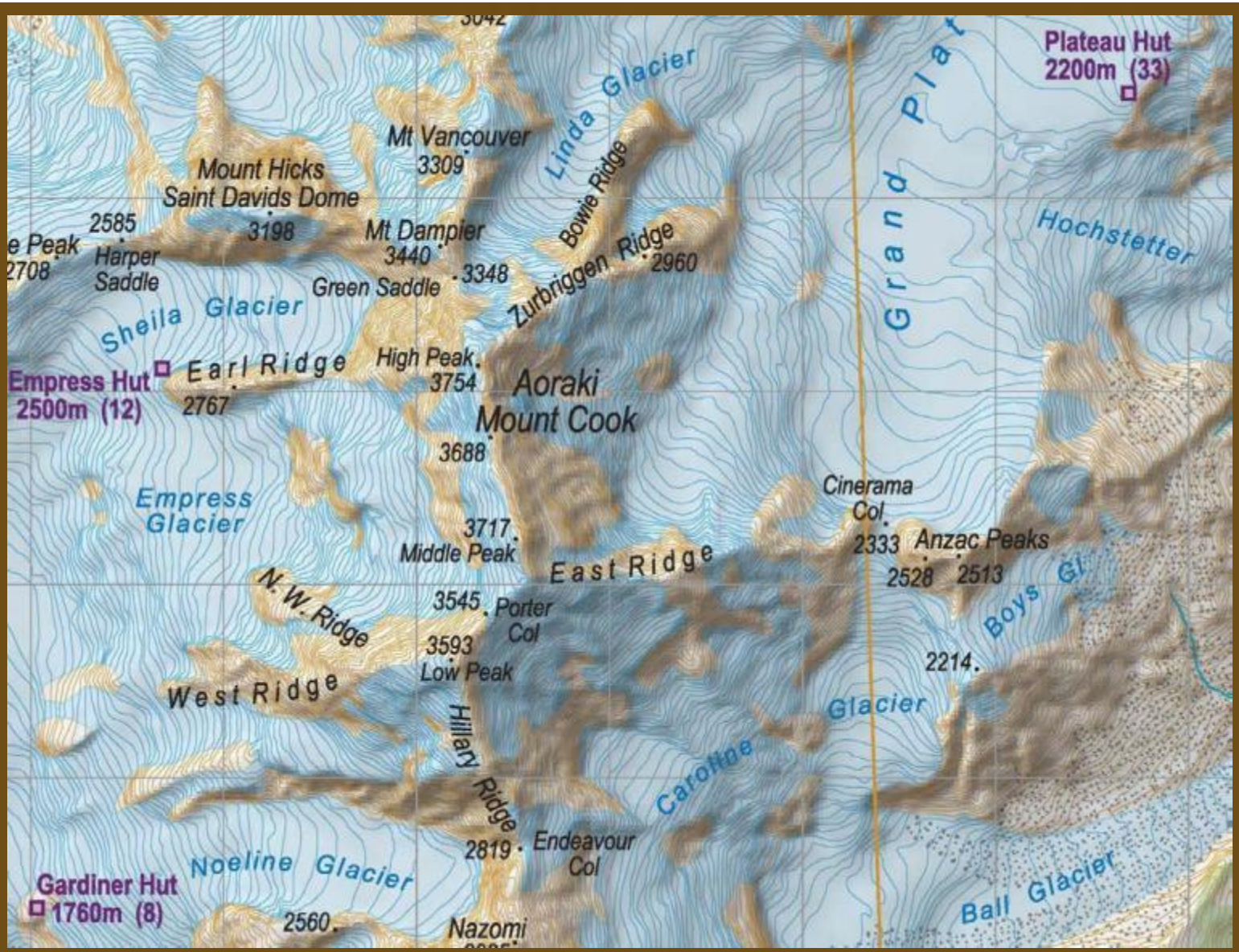

## Mount Cook 2012




**Mount Cook 1961: detail**

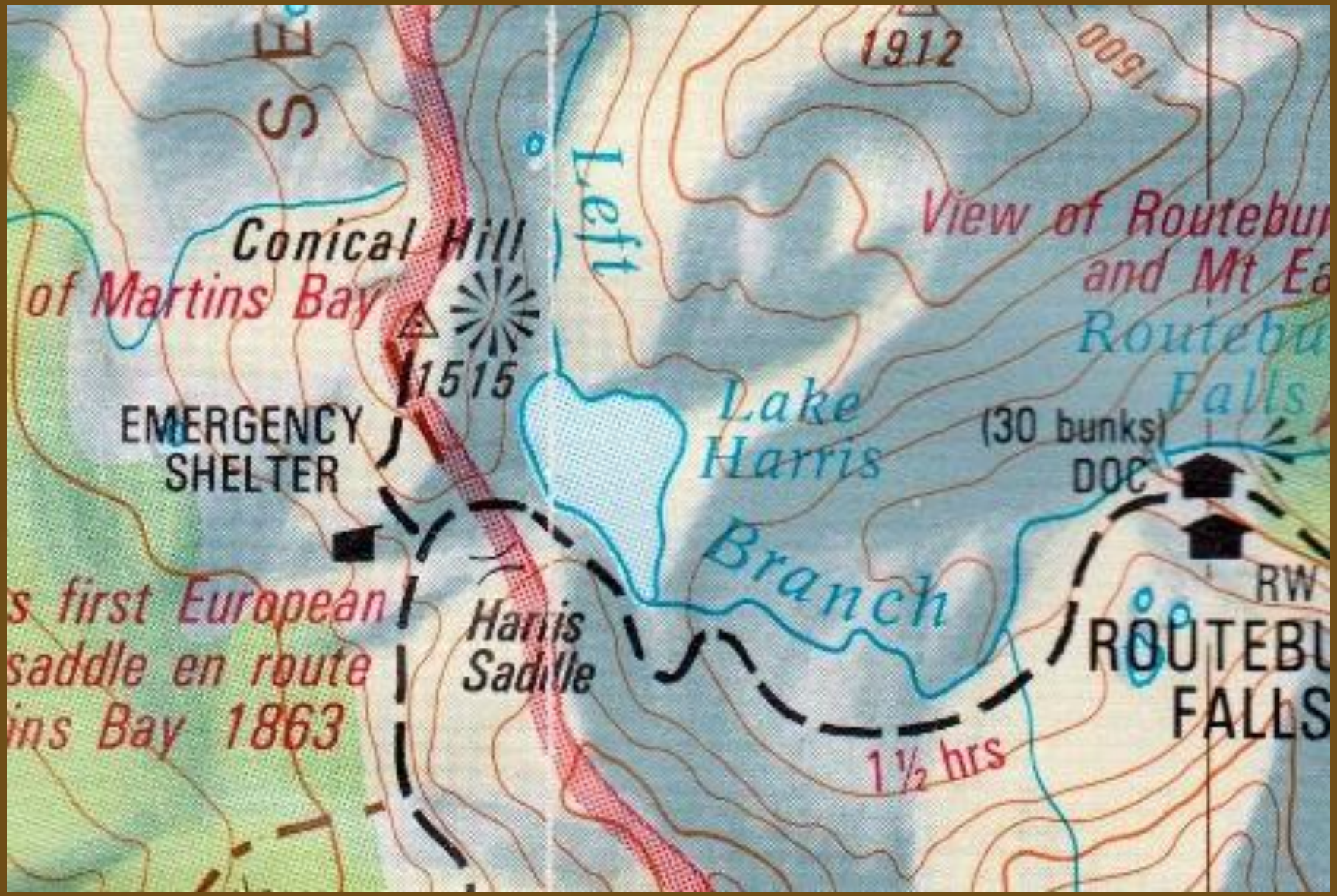



**Mount Cook 1991: detail**

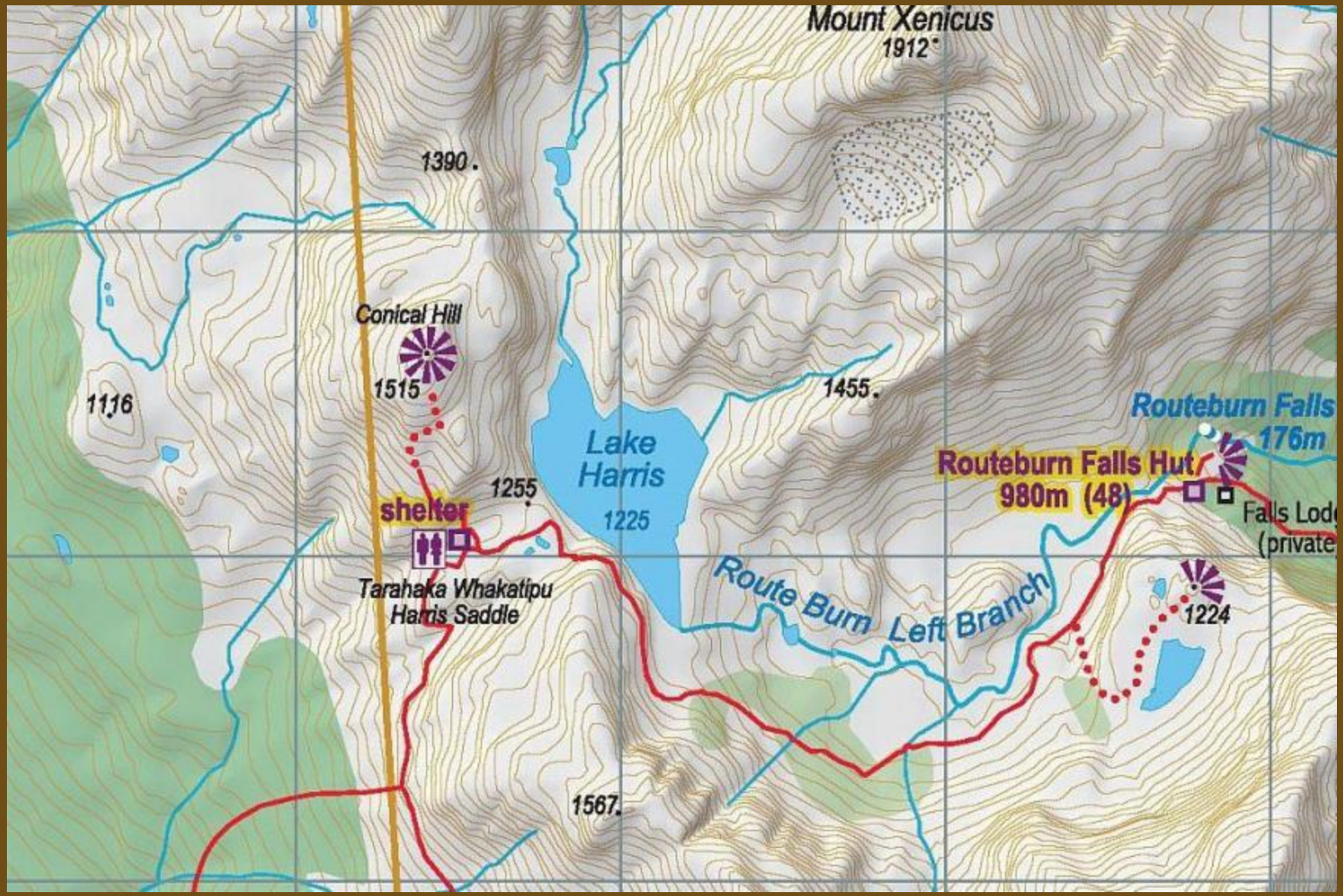



## Mount Cook 2012: detail

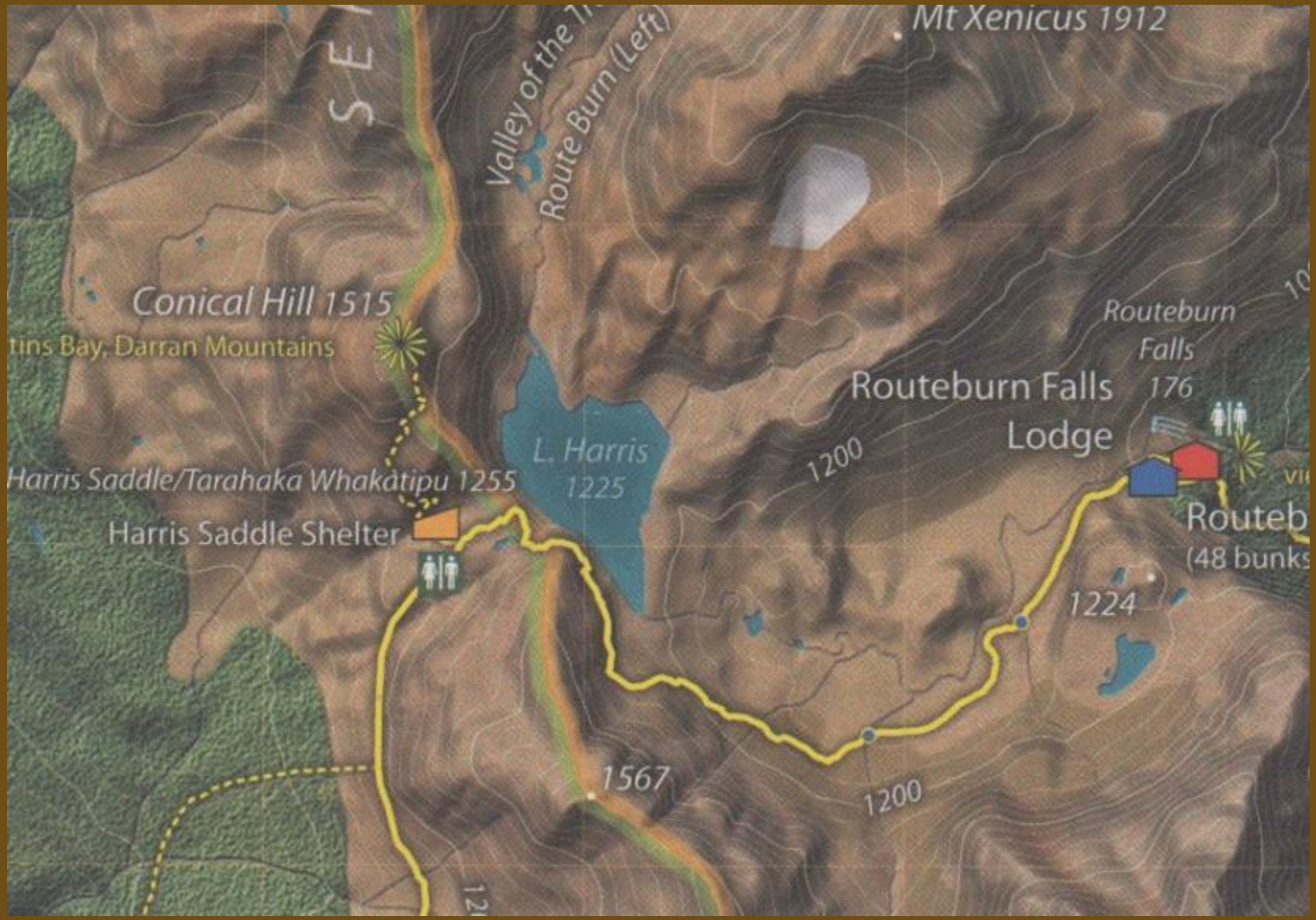
**Mount Cook perspective 1929**



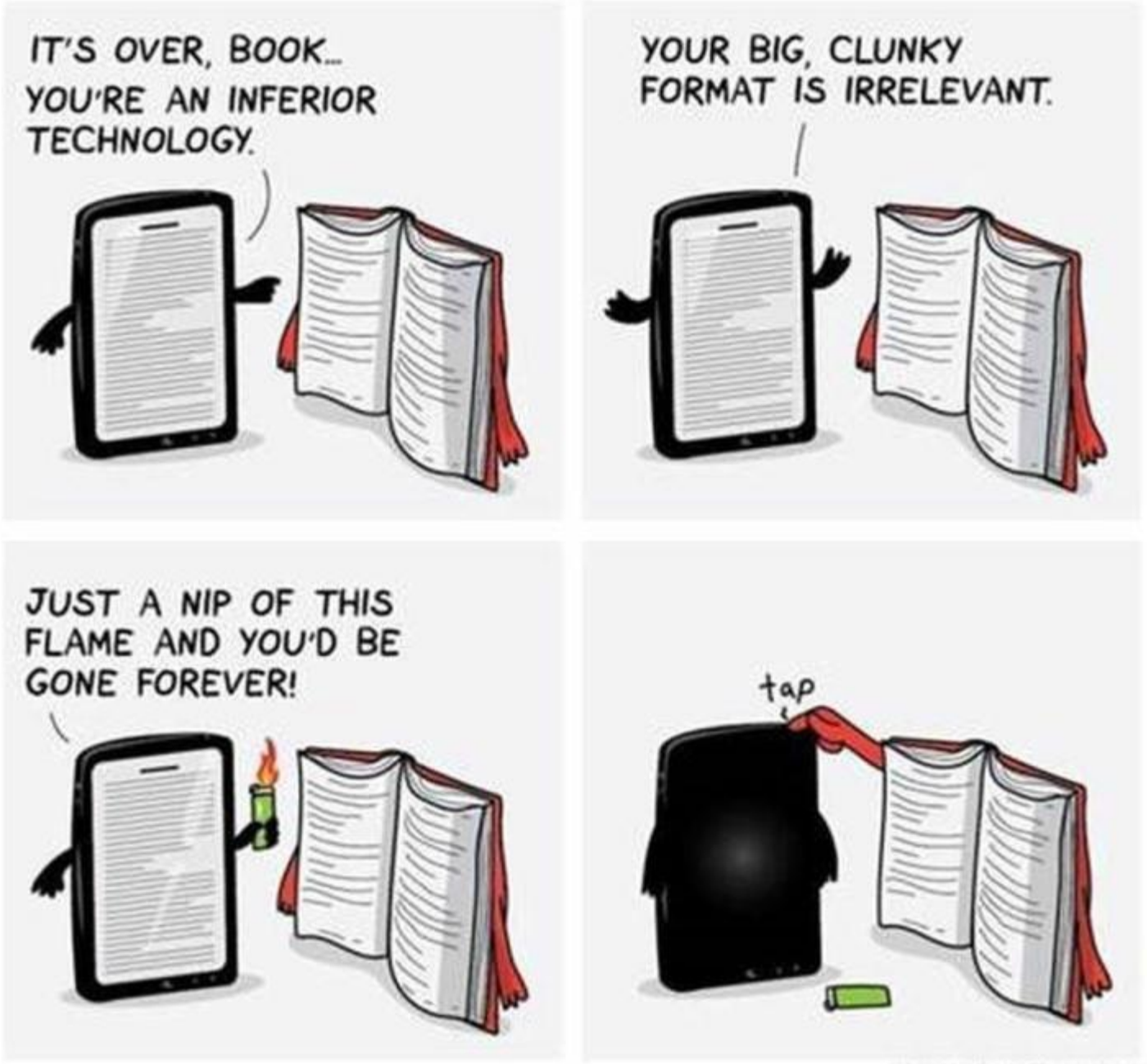

**DoSLI Trackmap 1988**




## NewTopo Trackmap 2013




## Geographx Trackmap 2013


IT'S OVER, BOOK...
YOU'RE AN INFERIOR TECHNOLOGY.
YOUR BIG, CLUNKY FORMAT IS IRRELEVANT.
JUST A NIP OF THIS FLAME AND YOU'D BE GONE FOREVER!
tap
THEAWKWARDYETI.COM

New Topo

# Topographic maps

published by NewTopo
February 2014

A3 format Abel Tasman

A1 format Lake Taupō

More details can be found at

www.newtopo.co.nz

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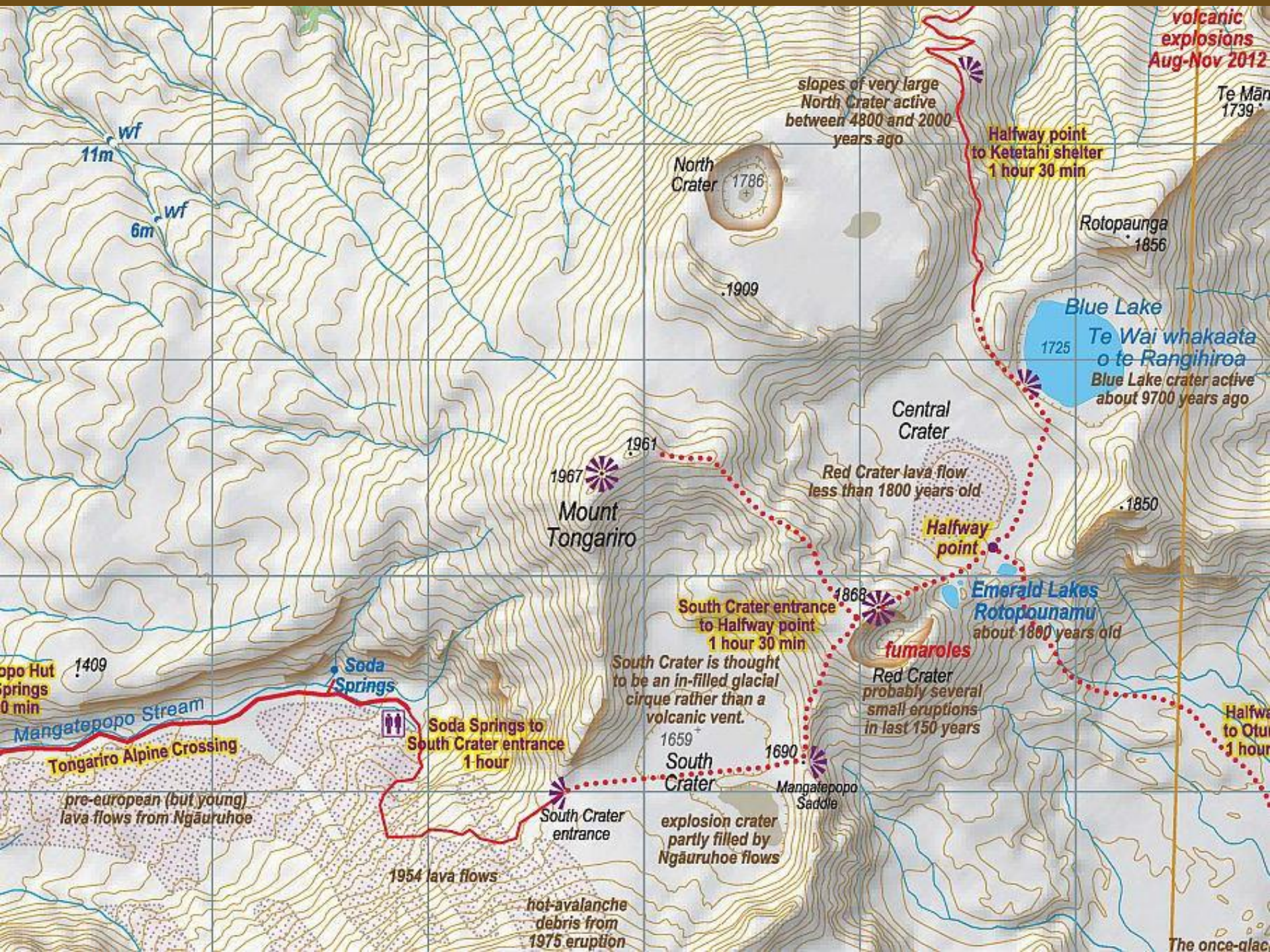
volcanic explosions Aug-Nov 2012
slopes of very large North Crater active between 4800 and 2000 years ago
Halfway point to Ketetahi shelter 1 hour 30 min
Te Mān 1739
North Crater 1786
Rotopaunga 1856
1909
Blue Lake
Te Wai whakaata o te Rangihiroa
1725
Blue Lake crater active about 9700 years ago
Central Crater
1961
1967
Mount Tongariro
Red Crater lava flow less than 1800 years old
1850
Halfway point
1868
Emerald Lakes
Rotopounamu
about 1800 years old
South Crater entrance to Halfway point 1 hour 30 min
fumaroles
Red Crater
probably several small eruptions in last 150 years
South Crater is thought to be an in-filled glacial cirque rather than a volcanic vent.
1659
South Crater
1690
Mangatepopo Saddle
explosion crater partly filled by Ngāuruhoe flows
South Crater entrance
1409
Soda Springs
Mangatepopo Stream
Tongariro Alpine Crossing
Soda Springs to South Crater entrance 1 hour
pre-european (but young) lava flows from Ngāuruhoe
1954 lava flows
hot-avalanche debris from 1975 eruption
wf
11m
wf
6m