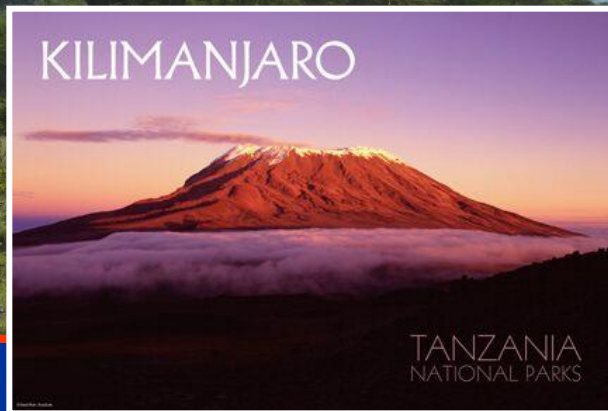
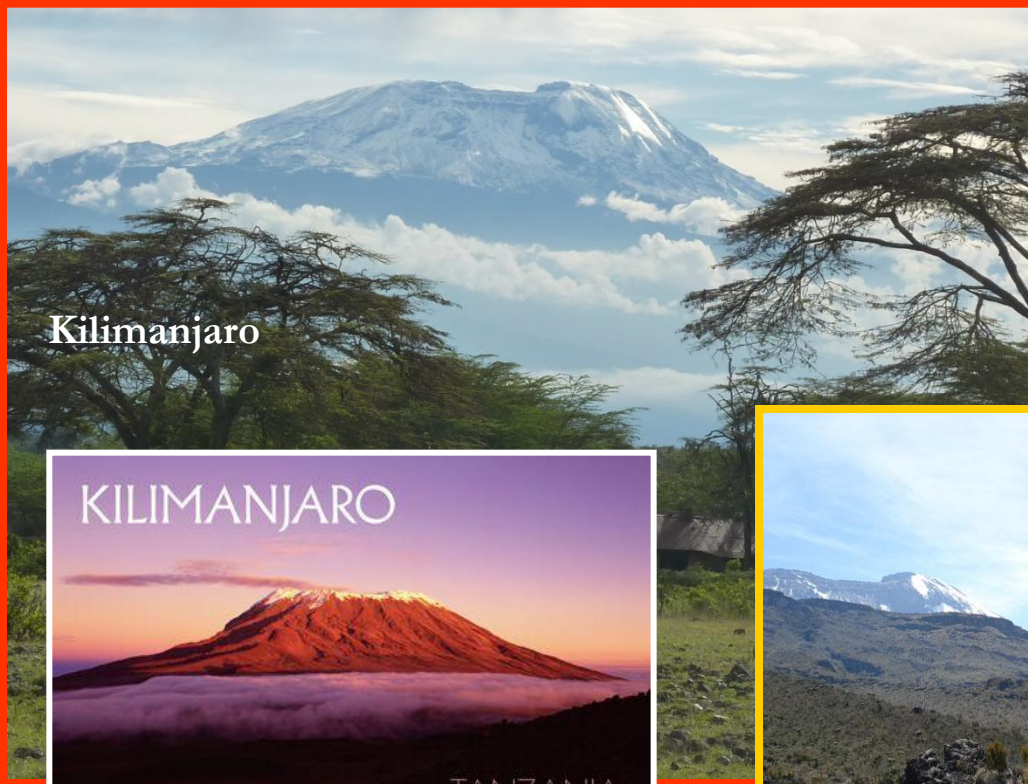


# The Meru-Kilimanjaro Challenge February 2010





# East African Rift System

Ruwenzori



Kilimanjaro and Meru

Ngorongoro



# Sentinels of the plains

Kilimanjaro

Meru

Ngorongoro highlands

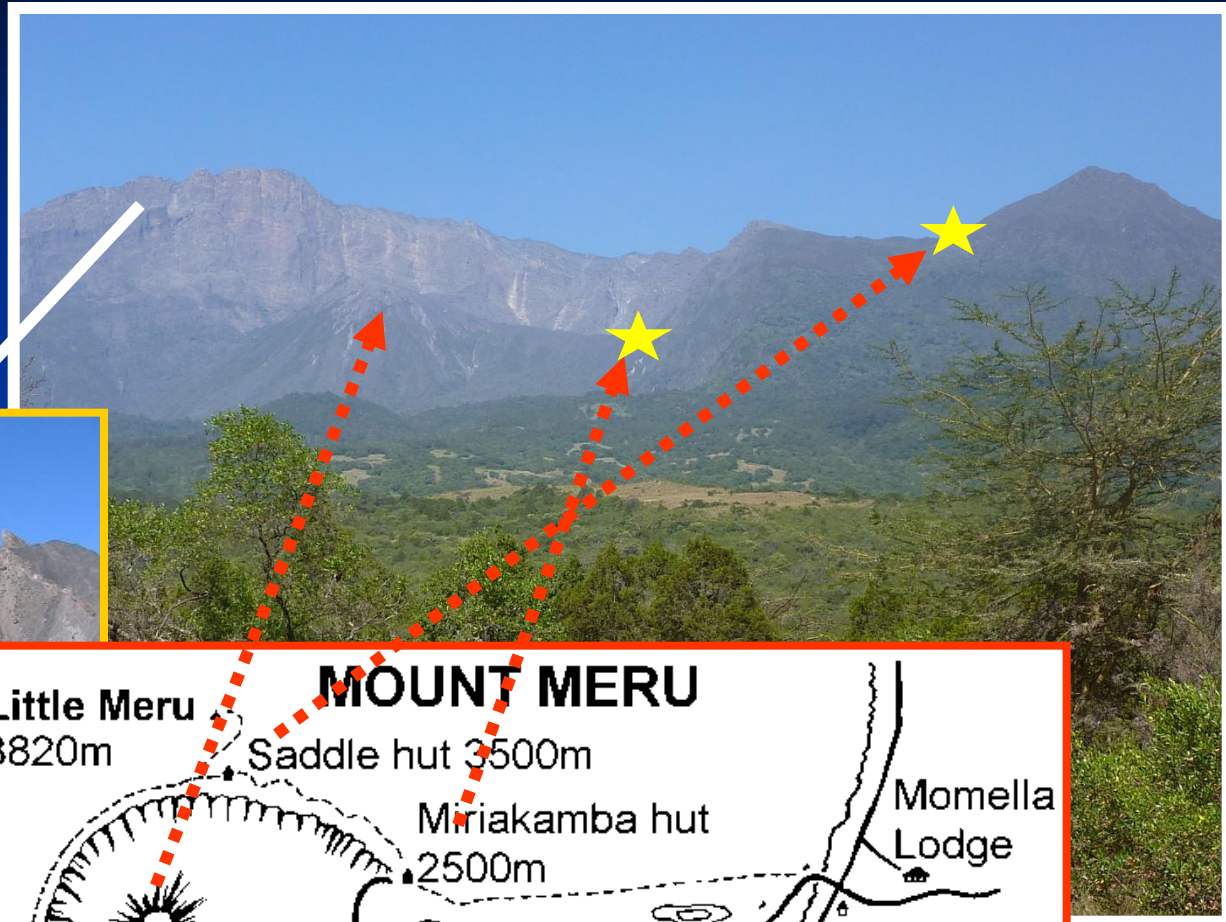
Serengeti plains

Tanzania

Kenya

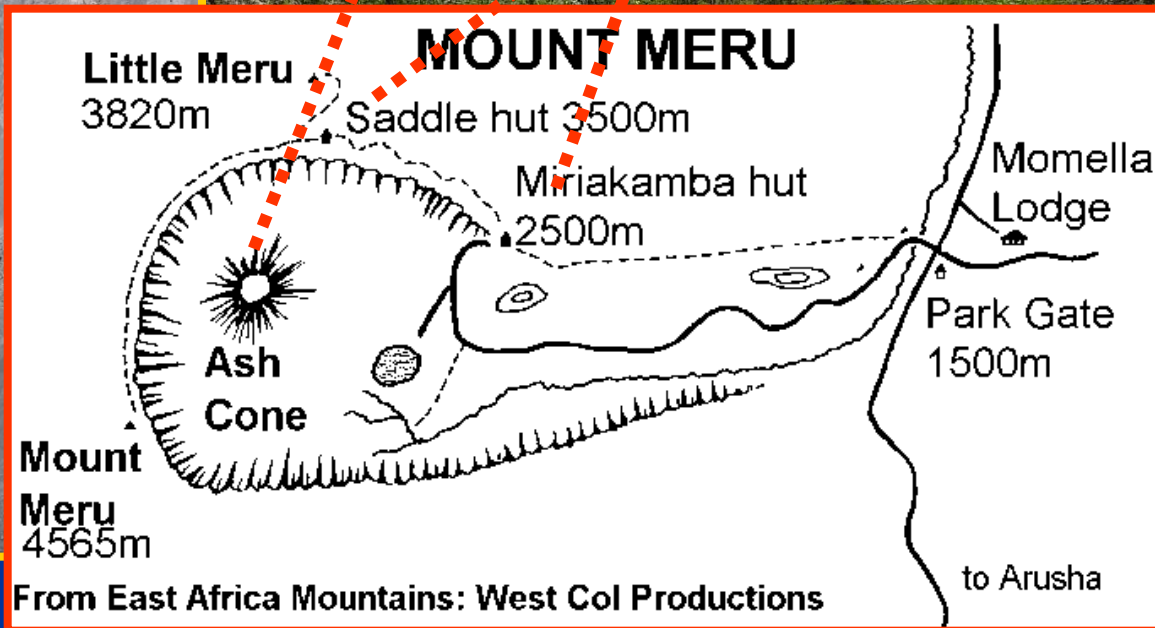


# Meru – the tough acclimatiser



4565m, 14976ft

2000m



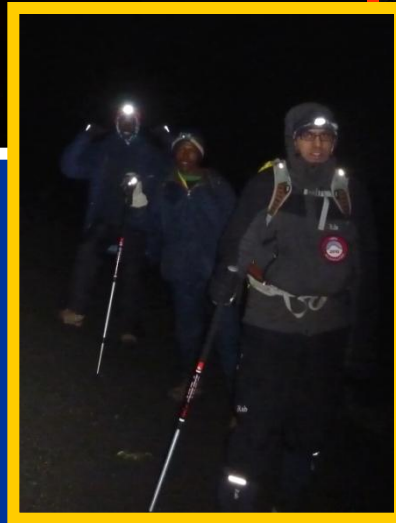
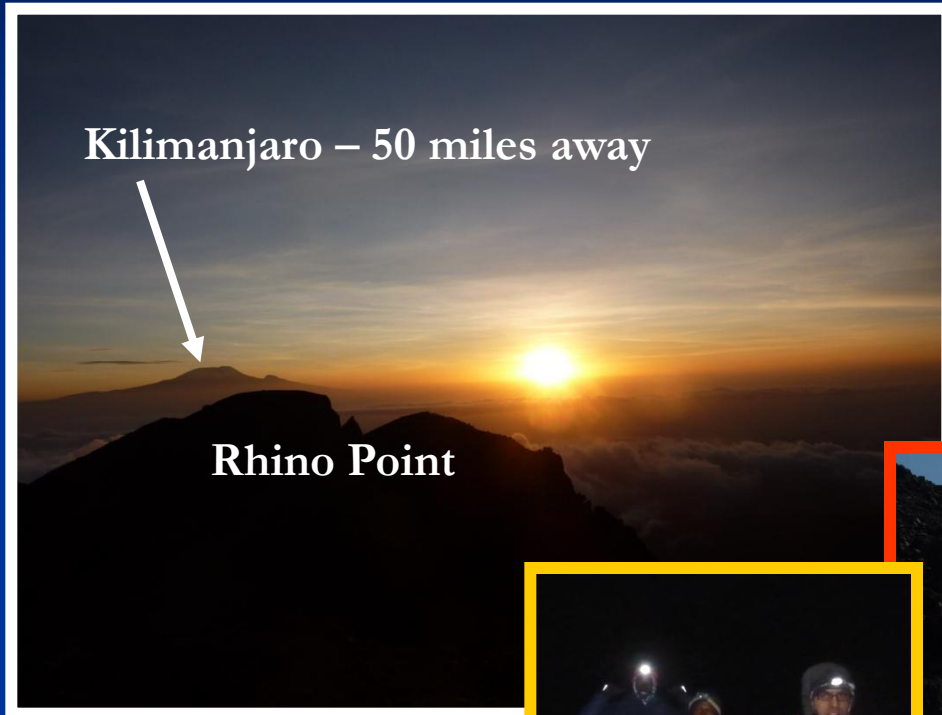


# Approach through the Rain Forest





# High Level Dawn





# Traversing the Alpine Desert Ridge





# Hard Push to the Summit



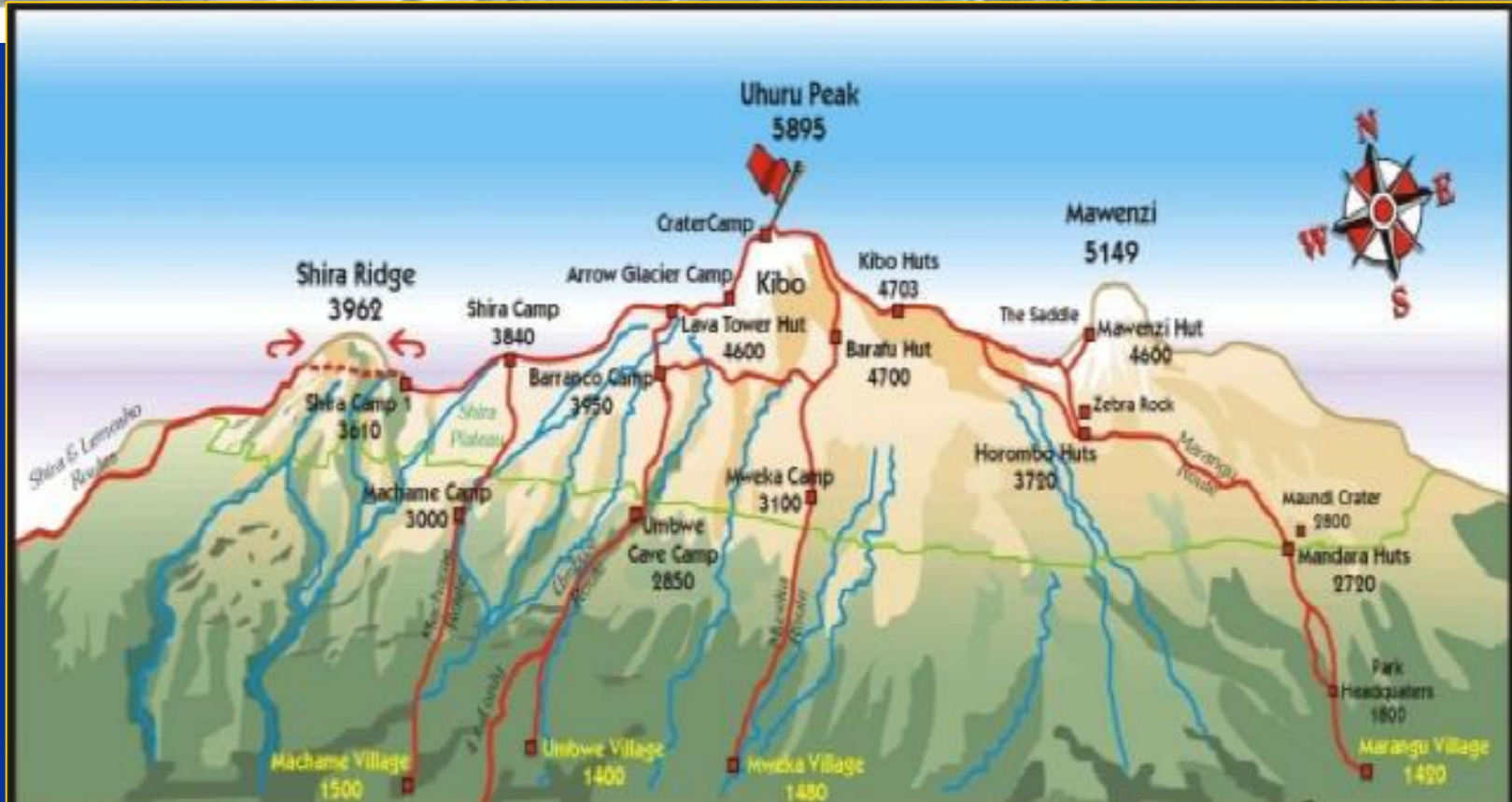


# Exhausted on Meru Summit



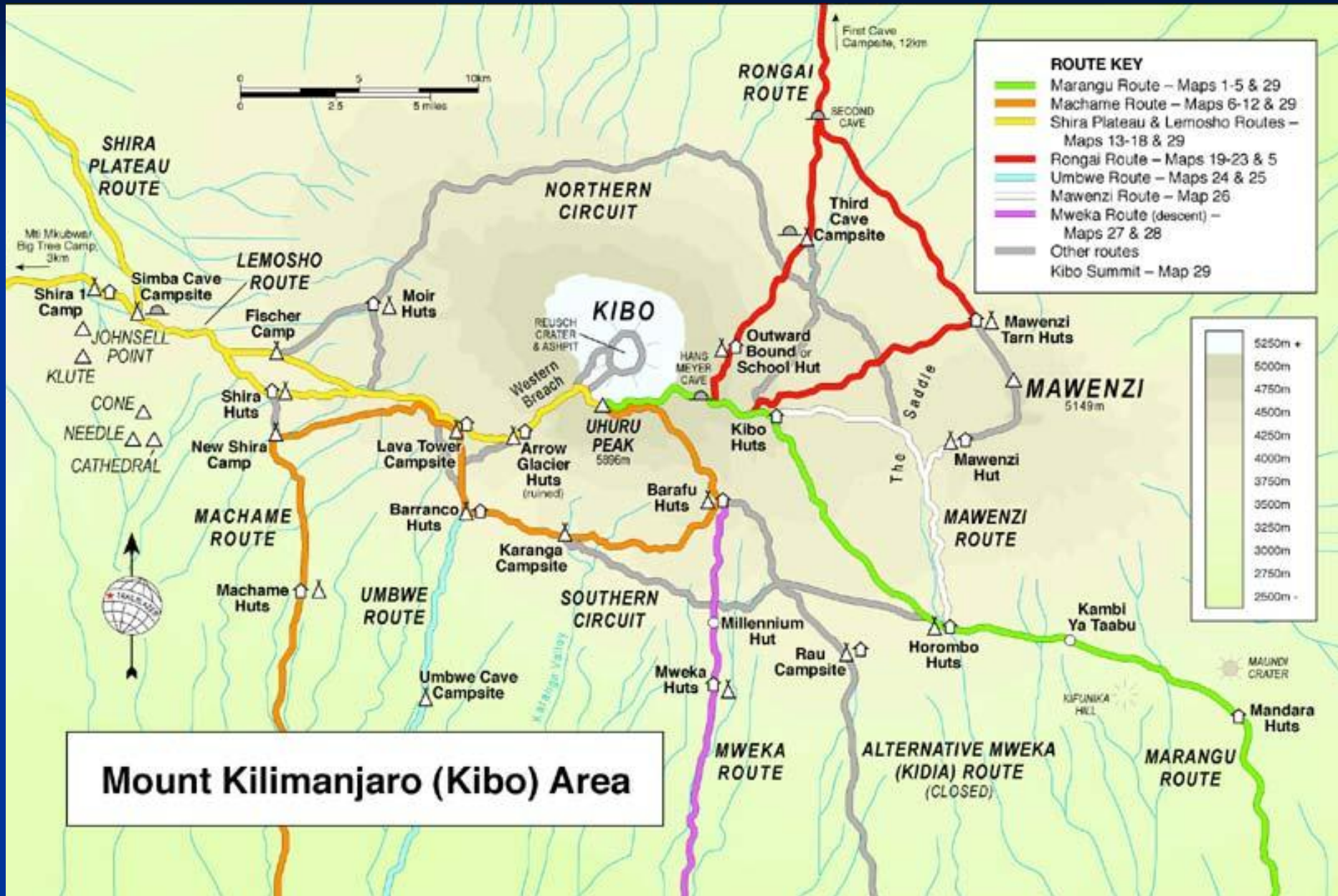


# Kilimanjaro – three peaks



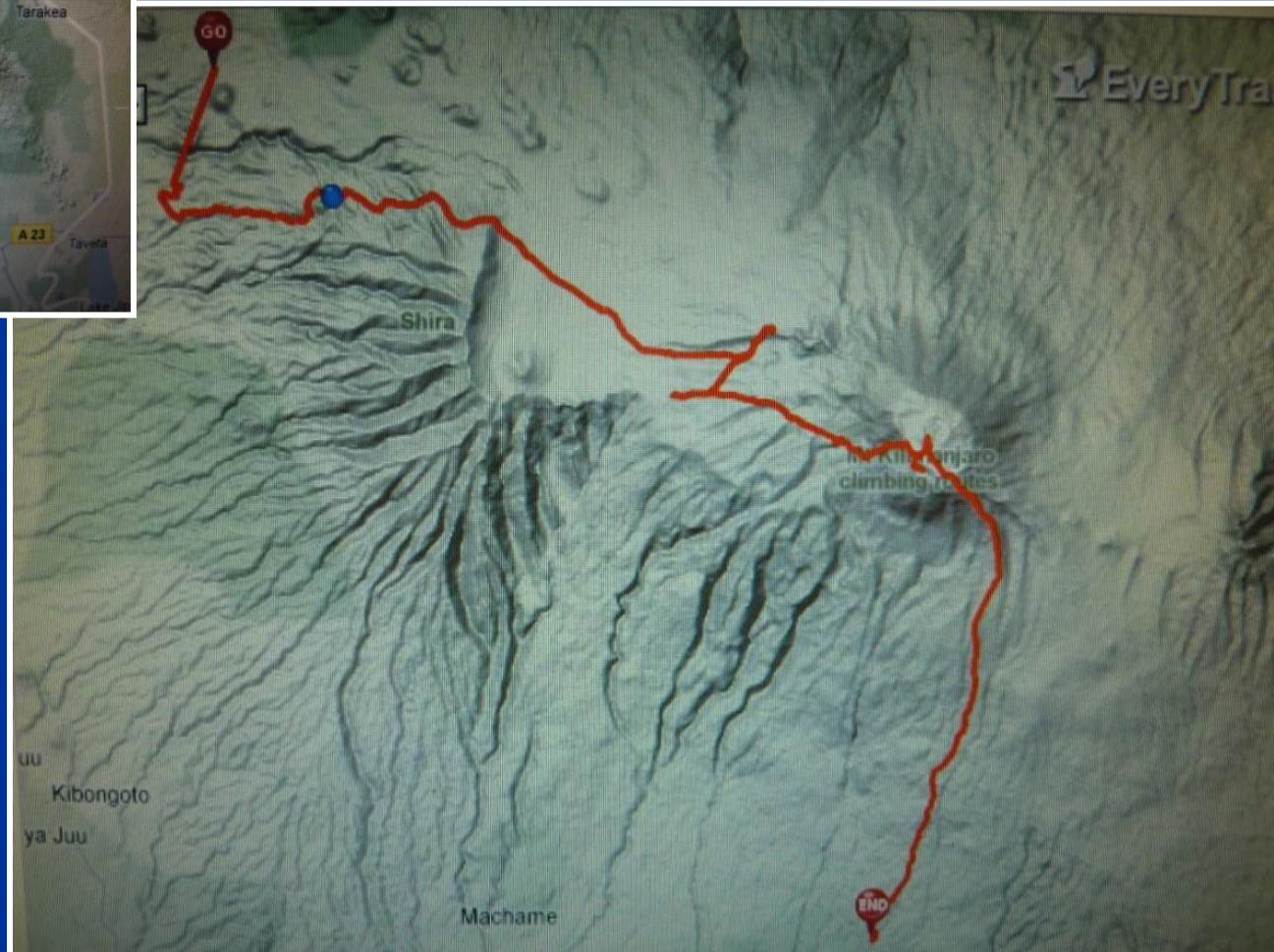
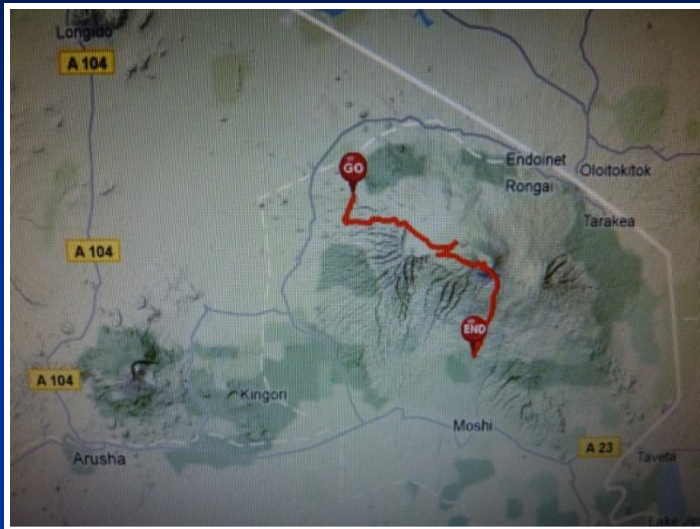


# Routes on Kilimanjaro



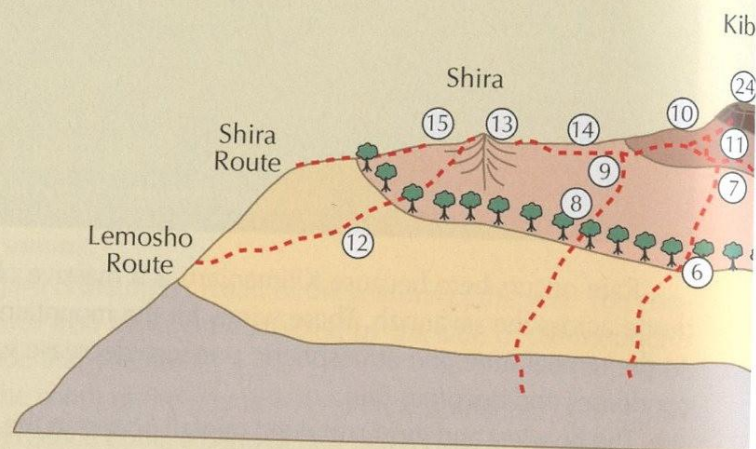


# GPS track of route



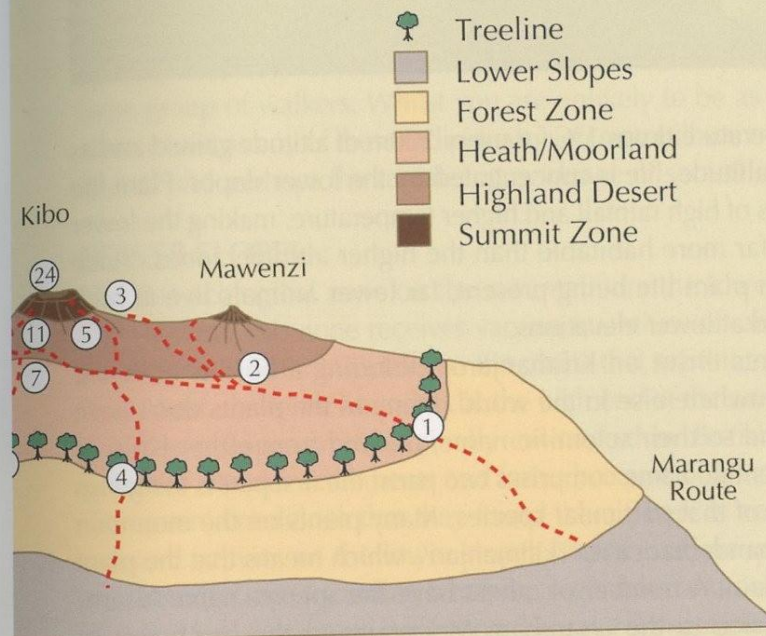


## Vegetation Zones



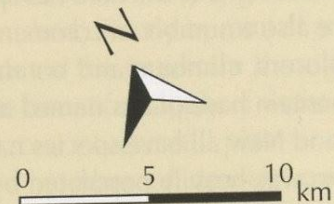
1. Mandara Hut
2. Horombo Hut
3. Kibo Hut
4. Mweka Hut
5. Barafu Hut

6. Cave Camp
7. Barranco Hut
8. Machame Camp
9. Shira Camp
10. Lava Tour Hut



Mweka Route

11. Arrow Glacier Hut
12. Big Tree Camp
13. Shira 1 Camp
14. Shira 2 Camp
15. Simba Camp
24. Uhuru Peak





# Trekking on Kilimanjaro

- Highest free-standing mountain in world
- 60km long x 80km wide
- Last volcanic activity 200 yrs ago
- One in four fail to reach the crater rim
- c. 10 deaths per year
- Youngest 9; oldest 87
- 40,701 trekkers in 2006/7 (more Americans)
- Western Breach ascent recently re-opened – not for novices – few use it

# The Team



- 8 Climbers (6 summited)

- 1 Chief Guide

- 2 Assistant Guides

- 1 Stomach Engineer

- 24 Porters

- TOTAL: 36





# Through the Rain Forest



Hot & sticky hiking



Forest camp



Trail head



Kili ambulance



# Into Giant Heather Moorland



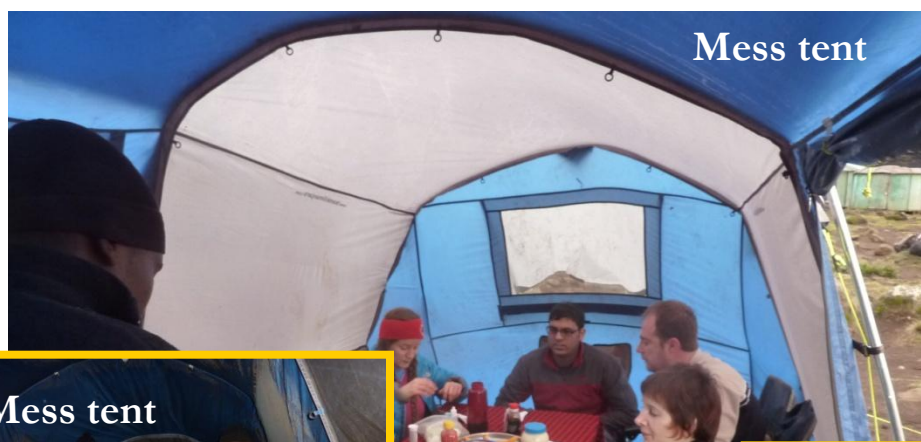


# 2 days across the Shira Plateau





# Camp Life



Mess tent



Guides resting



Mess tent



Porter's tent



The stomach engineer



Cordon bleu cooking

Morning tea





# To the Alpine Desert Zone



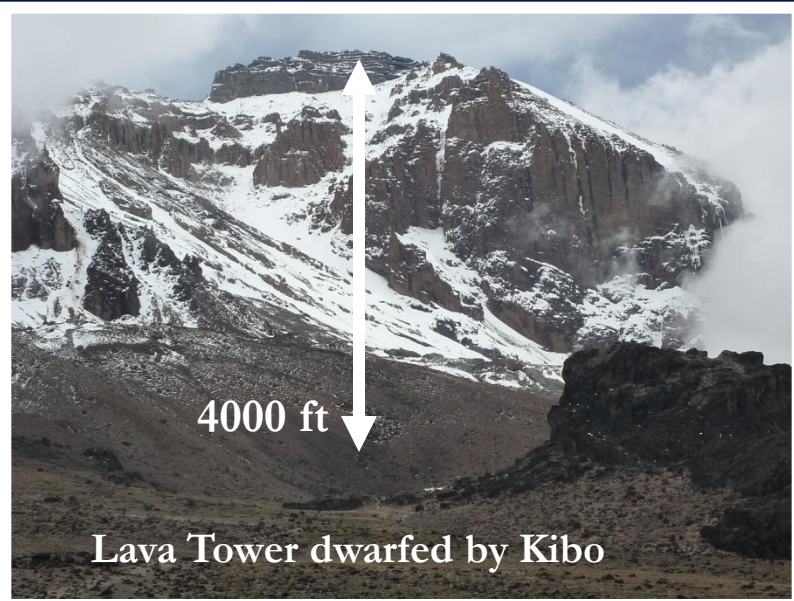


# Approaching the Western Breach





# The Lava Tower





# To Arrow Glacier Camp





# Ascent via the Western Breach

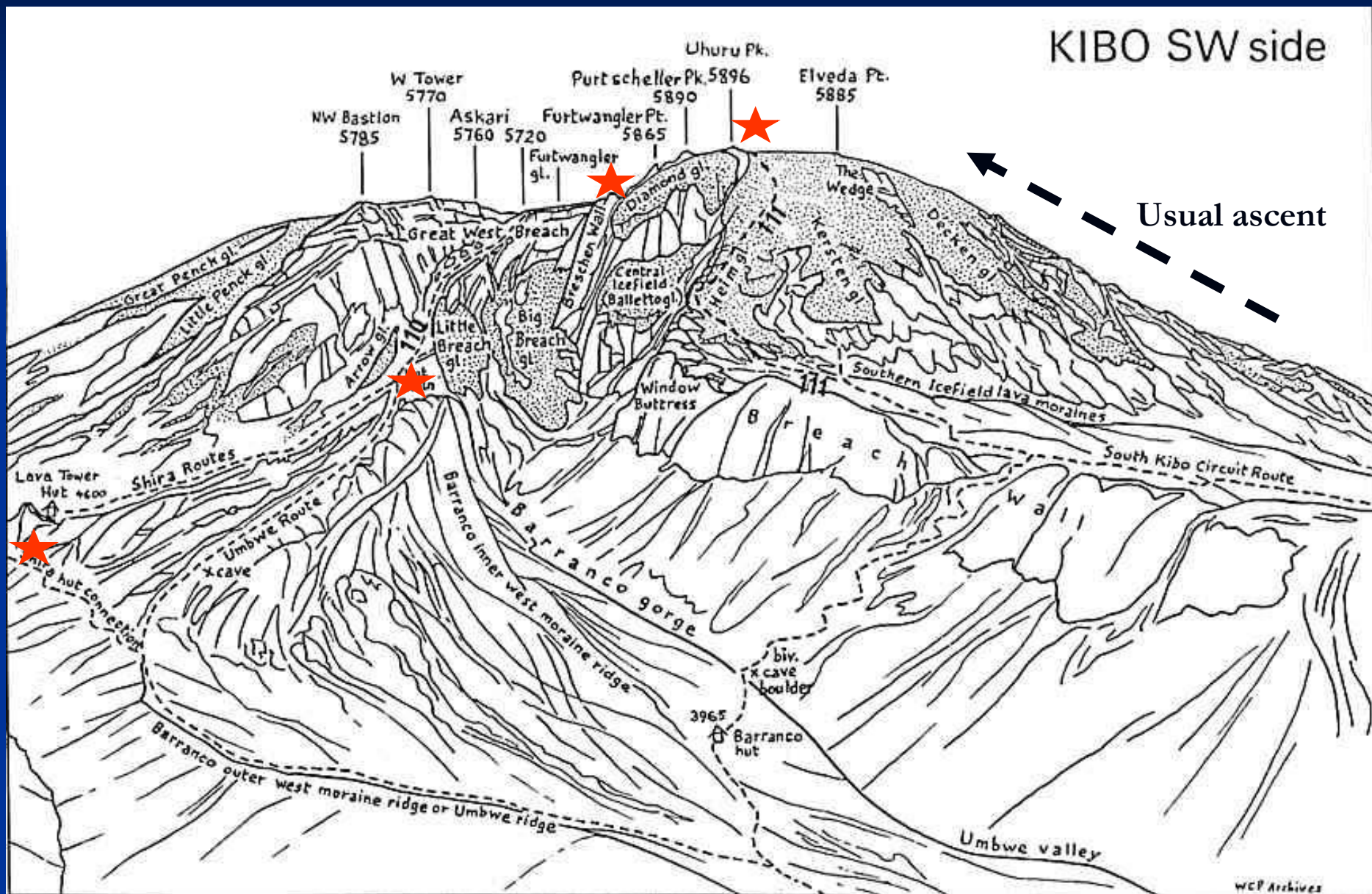
(Mawenzi)

(Uhuru Peak: 5895m)



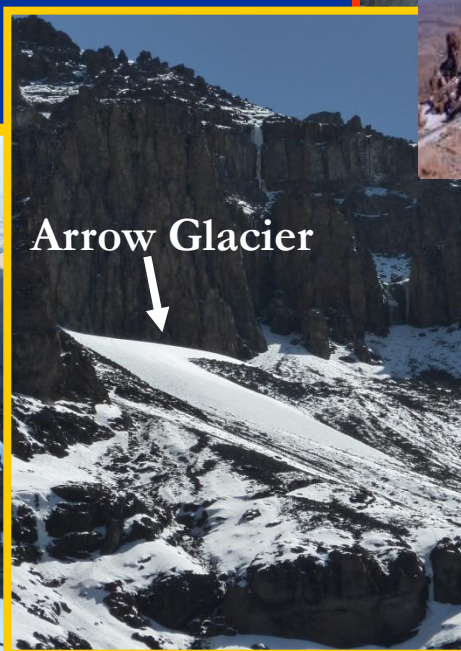
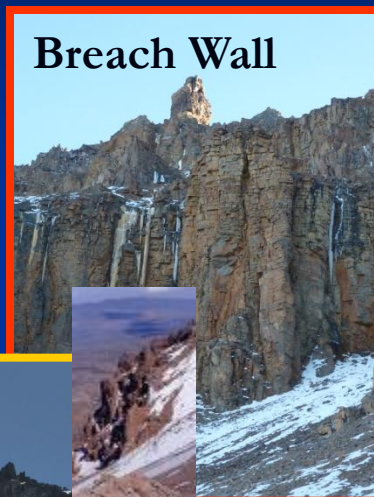
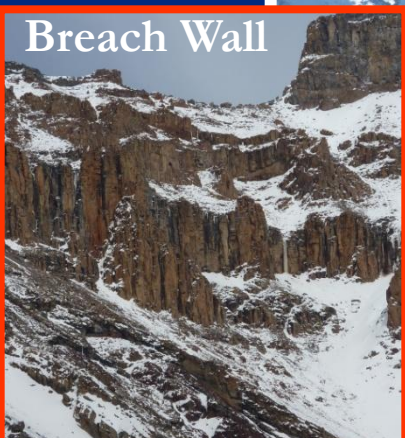
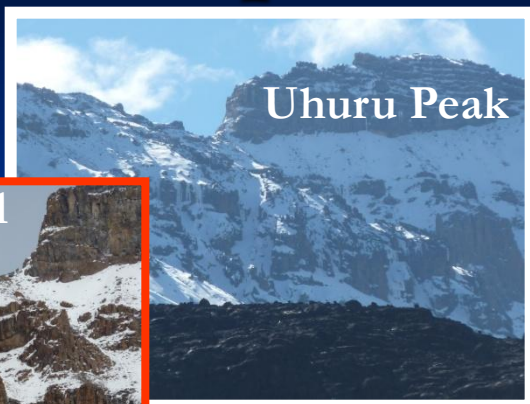


# Kibo Schematic



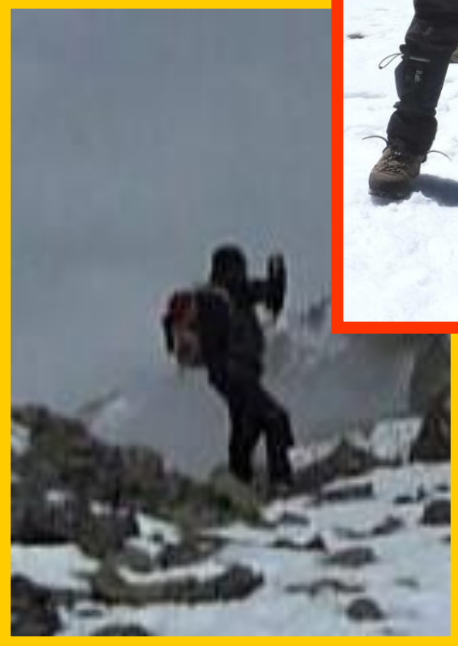


# Up the Western Breach





# Reaching the Crater Rim



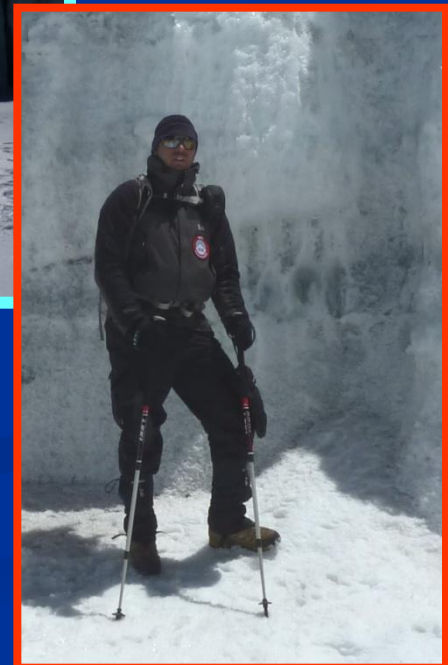


# Crater Camp





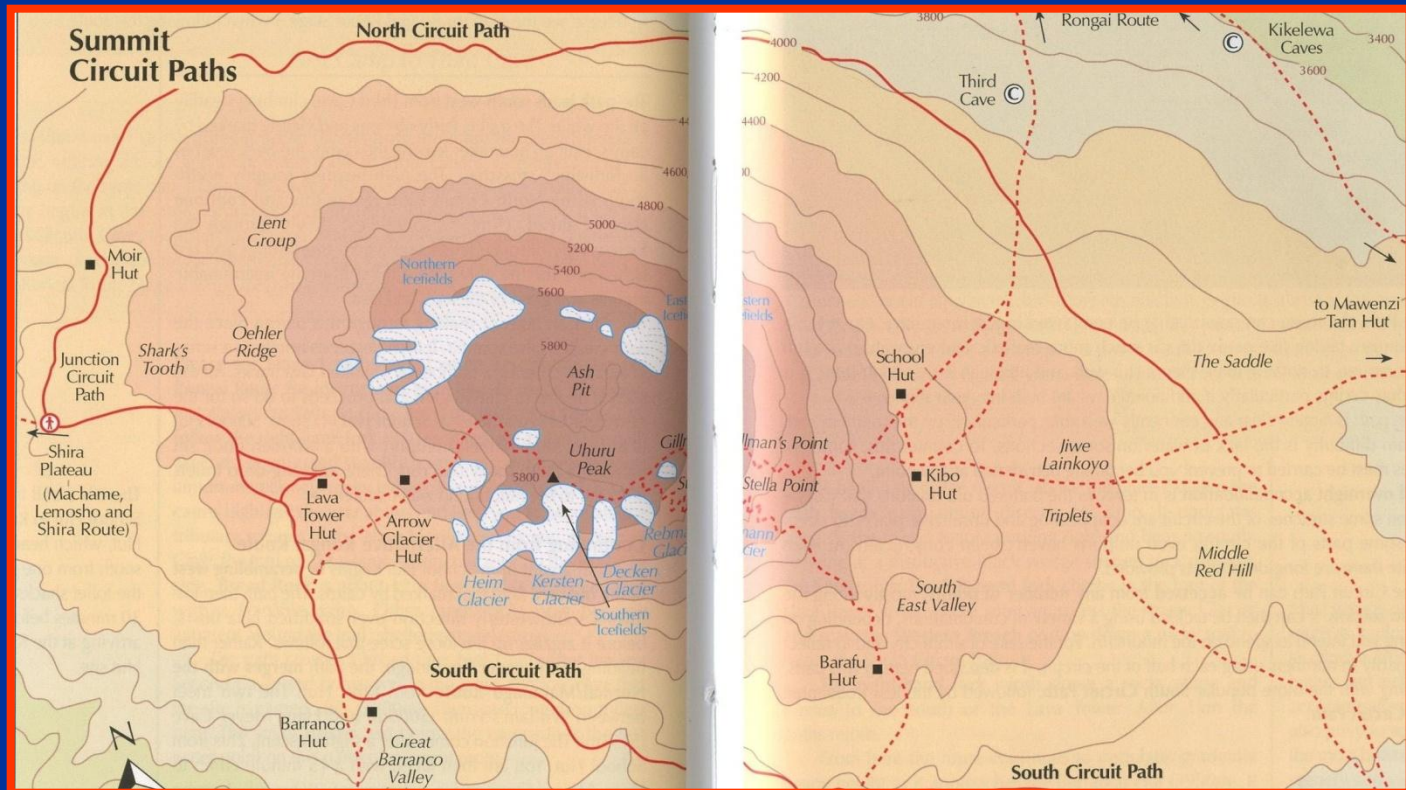
# Amongst the Glaciers





# About the Glaciers

- 82% lost since first mapped in 1912
- 0.5m lost/yr. 17m during 1962-2000
- Climate change starving peak of precipitation
- Dust from forest fires acts as focus for melting?
- Beware the axeman !!



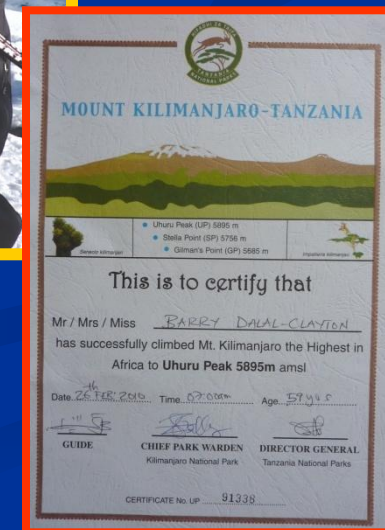


# Anyone for tea? And what about the garbage?



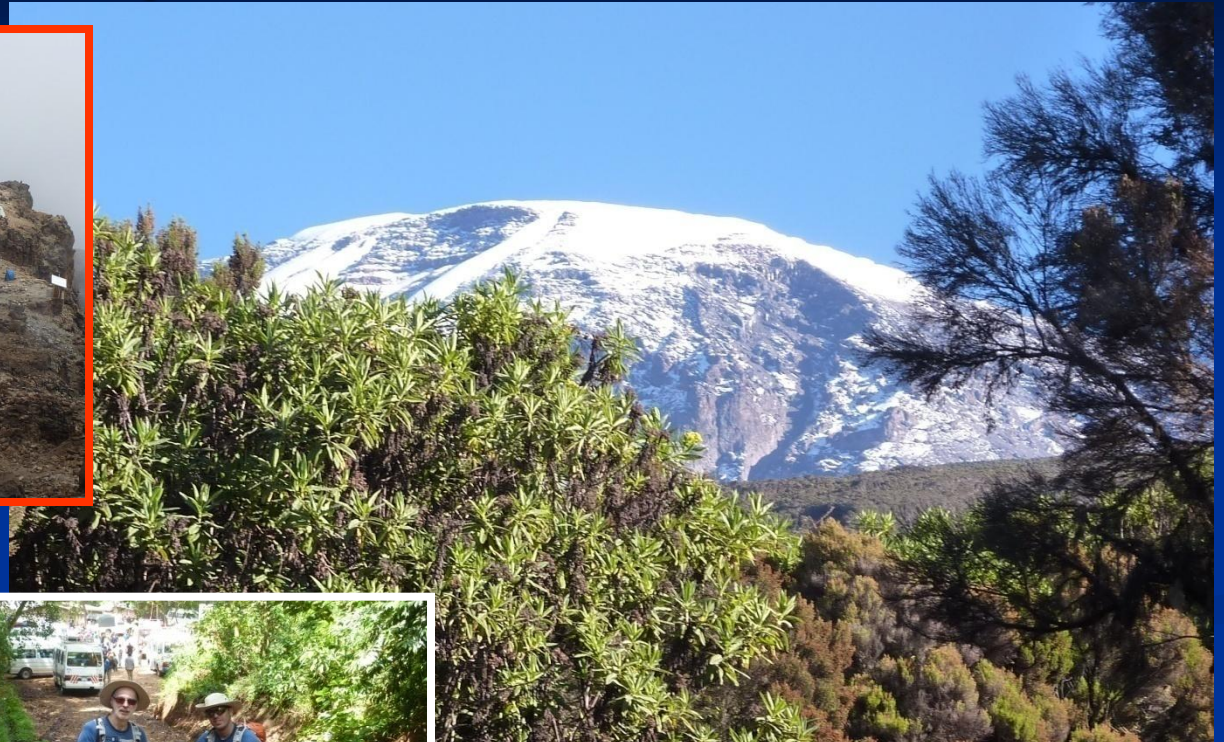


# On the Roof of Africa

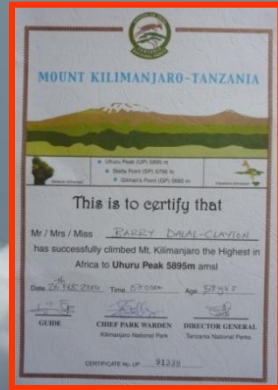




# Goodbye Kilimanjaro









# Charity support

<http://www.justgiving.com/Meru-Kilimanjaro-2010>