

DENALI

THE HIGH ONE

6,194m



WEST BUTTRESS EXPEDITION

APRIL 2012

**A dream was born in 2008; to climb
the Triple Seven Summits. This
expedition continues the dream.**



RICKY MUNDAY

Adventurer | Aid Worker

INTRODUCTION

Ricky is a 35-year-old Adventurer & Aid Worker, with experience of organising, leading and completing adventurous expeditions across four continents. In 2004, he completed the Marathon des Sables, the 'toughest footrace on earth' – since then he has set himself ever more challenging goals. His long-term goal is to complete the Triple Seven Summits; to climb the 3 highest mountains on every continent. Ricky is a Churchill Fellow, a Jeremy Willson grantee, a 2-time Lyon Equipment Expedition Award recipient, an Alpine Club of Canada grantee & a Fuchs scholar.

When he's not running across deserts or exploring remote mountain ranges, Ricky works in humanitarian aid. His missions have taken him to Kenya, Sudan, Bangladesh & Pakistan. As a Chartered Accountant, Ricky is committed to ensuring that aid is delivered to the most vulnerable people in the most efficient and effective way.

Ricky uses his expeditions as fundraising vehicles for charities that he supports personally, with a particular focus on supporting disadvantaged youth & cancer patients.

As the next leg in his Triple Seven Summits project, Ricky will attempt to climb the West Buttress of Denali (6,194m) over 3 weeks in April & May 2012.



DENALI: THE FACTS



Elevation: 6,194 m (20,320 ft)

Prominence: 6,144 m (20,156 ft)

Location: Alaska Range, Alaska, United States.

Coordinates: 63°04'10" N / 151°00'27" W

First Ascent: Karstens, Harper, Tatum; 7/6/1913

Denali or “The High One” is the Athabaskan name for the mountain officially called Mount McKinley - both names are used for the mountain. “Denali” is the name favored by most Alaskans.

Denali is the highest mountain in North America, the United States, and Alaska. With 6,144 m (20,156 ft) of prominence, Denali is the 3rd most prominent mountain in the world, behind Mt Everest and Aconcagua.

Denali is brutally cold with extreme weather conditions year-round. Temperatures dip as low as -60° C (-75° F) with windchill temperatures down to -83° C (-118° F). These temperatures were recorded at 5,700 m (18,700 ft).

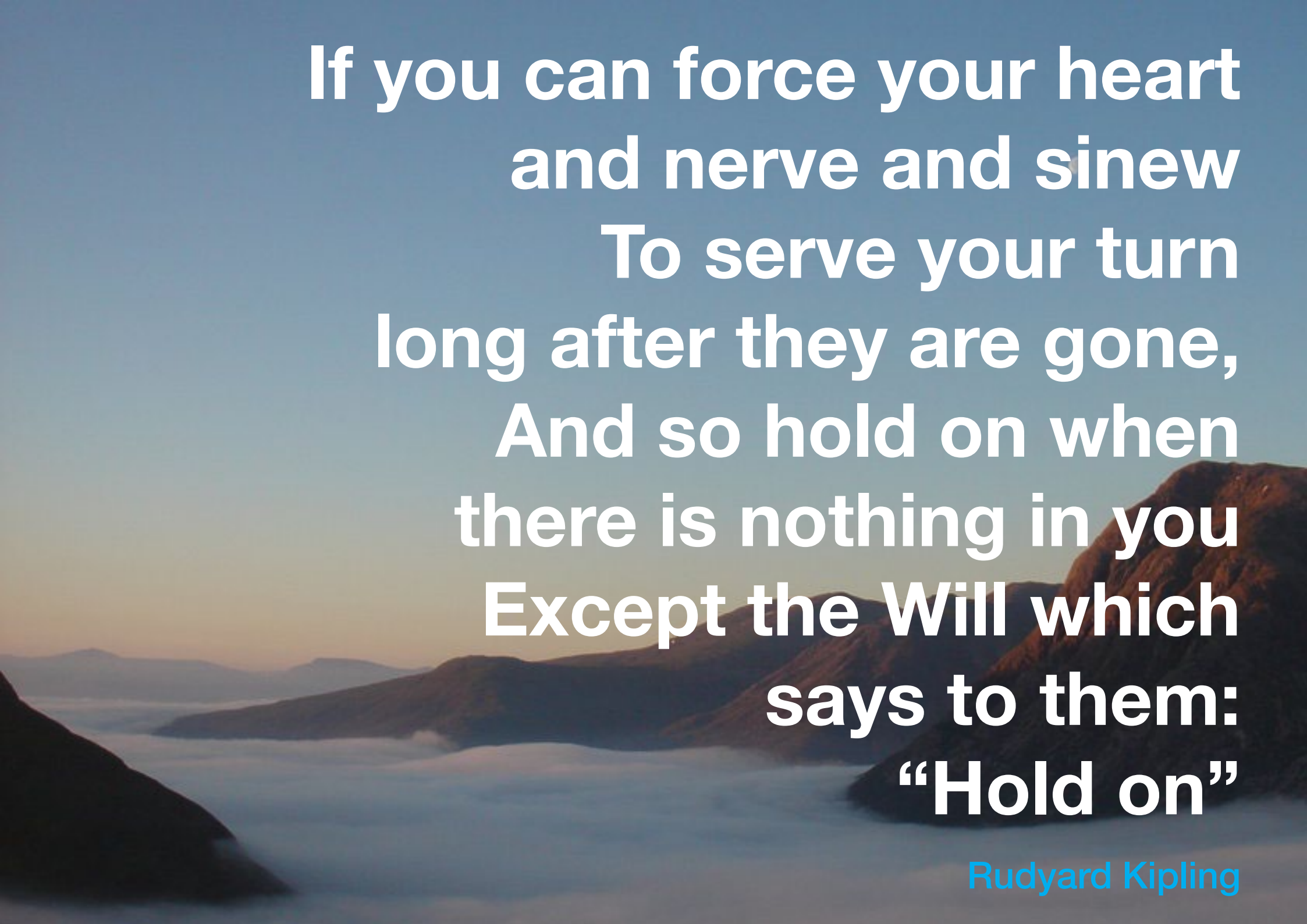
Denali has lower barometric pressure than comparable high mountains, due to the northern latitude of 63°. This affects the acclimatization of climbers. The lower barometric pressure is a result of the troposphere being thinner near the poles and thicker at the equator.

Denali has a summit oxygen count of 42% of the oxygen at sea level; a mountain of similar elevation at the equator would have an oxygen count of 47% of sea-level oxygen.

Denali welcomes approximately 1,275 climbers each year. The most in one season was 1,305 in 2001. On average, only 51% of climbers reach the summit. The average number of rescues each year is 14. On average, 1 climber will die each year.

Most climbers—about 90%—attempt the West Buttress. The average trip length for a successful ascent is 18.3 days. June is the busiest month with 60% ascents, followed by May with 34% and July with 12%. The average climber is 38.1 years old. Most climbers are from the US, followed by the UK & Canada.

Denali's deadliest climbing season was May, 1992 when 11 climbers in 5 parties died. Other deadly seasons were 1967 and 1980 when 8 climbers died and 1981 and 1989 when 6 climbers died.

A scenic landscape featuring a range of mountains under a clear sky. The foreground and middle ground are filled with a thick layer of white clouds, creating a 'sea of clouds' effect. The mountains in the background are silhouetted against the light sky. The overall color palette is soft, with blues, greys, and whites.

**If you can force your heart
and nerve and sinew
To serve your turn
long after they are gone,
And so hold on when
there is nothing in you
Except the Will which
says to them:
“Hold on”**

Rudyard Kipling



ThirdSector

heraldscotland
TheHerald | sundayherald

EveningTimes

GETOUTTHERE

TREK&MOUNTAIN

ScottishField

The **INDEPENDENT**

BBC
RADIO
Scotland

rfi
english

**WIDE
WORLD™**

**outer
edge**

REACH AND ENGAGEMENT

Since 2004, Ricky's expeditions have been covered by the traditional and outdoor media worldwide, including the UK, Canada, Australia and Indonesia. Ricky's expeditions, stories and spirit have inspired, educated and engaged audiences through coverage by BBC Radio Scotland, Radio France Internationale, The Independent, The Herald, The Scotsman, Outer Edge Magazine, WideWorld Magazine, Trek & Mountain, Get Out There and many others.

Ricky has recently delivered lectures about his journey; from growing up on a Glasgow council estate, to winning league championships with Glasgow Hawks RFC; working in crisis zones with the Red Cross; completing the Marathon des Sables & his numerous expeditions. Audiences have included Gordonstoun School, the Alpine Club of Canada and the David Livingstone Centre, at the invitation of the National Trust for Scotland. Ricky plans to deliver a series of lectures in both the UK and Canada following this expedition.

Ricky has an ambitious plan to climb the 3 highest peaks on every continent. To date, no-one has completed this remarkable challenge. In January 2012, Hans Kammerlander claimed to have completed the 'Second Seven Summits' by climbing Mount Tyree in Antarctica. However, there seems to be some doubt as to the veracity of his claims; in fact here is an ongoing debate over which mountains comprise the 2nd and 3rd highest on several continents.

This is not surprising when you consider that many of these mountains are remote and rarely visited by Westerners. Nevertheless, Ricky is confident that the list below will stand the test of time, since none of the mountains below can be considered a 'sub-peak' of any other. The mountains are listed below, along with Ricky's completion date or planned ascent date.

Triple Seven Summits Project			
	Seven Summits	2nd Seven Summits	3rd Seven Summits
Asia	Everest 🇨🇳 8,848m planned 2015	K2 🇨🇳 8,611m planned 2015	Kanchenjunga 🇨🇳 8,586m planned 2015
South America	Aconcagua 🇨🇱 6,956m planned Dec 2012	Ojos del Salado 🇨🇱 🇨🇱 6,893m planned Dec 2012	Monte Pissis 🇨🇱 6,795m planned Dec 2012
North America	Denali 🇺🇸 6,194m planned Apr 2012	Mt. Logan 🇨🇦 5,199m planned May 2013	Pico de Orizaba 🇲🇽 5,636m planned Jan 2013
Africa	Killimanjaro 🇰🇪 5,895m completed 2008	Mt. Kenya (Batian) 🇰🇪 5,199m attempted 2008, return l.b.c.	Mt. Stanley 🇳🇦 5,109m climbed Nov 2008
Europe	Elbrus 🇷🇺 5,642m planned summer 2013	Dych Tau 🇷🇺 5,224m planned summer 2013	Shkara 🇷🇺 5,193m planned summer 2015
Antarctica	Vinson Massif 🇦🇶 4,892m planned 2014	Mt. Tyree 🇦🇶 4,852m planned 2014	Mt. Shinn 🇦🇶 4,660m planned 2014
Australasia	Carstensz Pyramid 🇮🇩 4,884m climbed Nov 2011	Puncak Trikora 🇮🇩 4,730m summit ridge 2010, return 2013	Puncak Mandala 🇮🇩 4,640m planned 2013

THE SCIENCE



Ricky's previous expeditions to New Guinea aimed to collect a photographic record of Papua's fast-receding glaciers to support climate change research.

On Denali, and on future expeditions, Ricky has partnered with '**Adventurers & Scientists for Conservation**', whose primary initiative is to facilitate partnerships between adventure athletes and the researchers who need them to collect data all around the world. All of their athletes are volunteers and, like me, make the decision to become adventurer-scientists because they have a strong desire to provide decision makers with the information necessary to make proper management choices.

Together, we believe that one of the main ways to have a positive impact on natural environments is to inspire the next generation of adventurers and scientists alike.

Our Project: Microbe Collection : The critical role of biological weathering in shaping high altitude landscapes

Principal investigator: Dragos George Zaharescu

Organization: Biosphere-2, University of Arizona

Microorganisms are unique colonizers of Earth's boundaries, such as mountain top surfaces, where they are primary actors in the biogeochemical cycles of nutrients. Together with climatic forces they contribute substantially to the overall function of the mountain landscape, with effects far reaching in the wider biosphere. Measuring how microbial ecosystems interact with primary bedrock at these sites is important for both the mechanistic understanding of initial phases of element cycling, and their response to environmental changes. The **overall goal of this research** is to quantify the bio-transformation of

primary bedrock in the upper limits of the mountain biome. Knowledge of this process is likely to reveal vital clues about the evolution of microbes-rock interaction in these environments. Secondly, this activity equally allows explorers, scientists and society to gain unique insights into the functioning of such remote places, which will ultimately help in their conservation efforts.

Small-size rock samples, of about 50g each, will be collected from exposed bedrock on elevation gradients at sites 200 m altitude apart during the descent phase of this expedition. A total of 3-5 rock samples will be collected at each altitude. Samples will be taken in plastic bags with a minimum amount of soil and shipped to the laboratory for further analyses. Local landscape and weather condition will be recorded in the field, together with sampling site geographical coordinates.

THE OPPORTUNITY

This expedition, and the Triple Seven Summits project, represent a unique opportunity for you to promote your brand to your target audience through the direct support of Ricky's endeavours. You can benefit from his growing online profile and his ability to generate media coverage for his charitable, adventurous expeditions.

For more information on the expedition or the Triple Seven Summits project please visit **www.rickymunday.com**, email **rickymunday@hotmail.com** or call Ricky on **+1 250 588 4271 (Canada)** or **+44 7554 639 113 (UK)**.



RICKY MUNDAY
Adventurer | Aid Worker