

Live from IPY! with Kirk Beckendorf

Live from the Antarctic Weather Stations Expedition
Mc Murdo Station, Antarctica



15 January 2008

Live from IPY! participants: To join the audio portion of the event, please dial 1-800-315-6338 and when prompted, enter the code 78732#.



Raise your hand to ask a question

List of all participants

Return to the Lobby or Exit

Slides will be shown here

'Chat' with one person or the entire group

Today's event will be recorded and archived at www.polartrec.com.



What is PolarTREC?

PolarTREC is a professional development experience in which K-12 teachers are paired with researchers in authentic polar research experiences.

In the next three years over 40 teachers from around the United States will join scientists in the Arctic and Antarctica in celebration of the International Polar Year!

www.polartrec.com



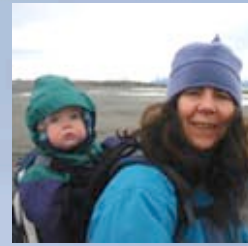
The PolarTREC Team



Wendy Warnick
PolarTREC PI
Executive Director



Helen Wiggins
Program Coordinator



Janet Warburton
PolarTREC
Project Manager



Katie Breen
PolarTREC
Project Manager



Kristin Fischer
PolarTREC
Project Manager



Ronnie Owens
Web Developer



Ben Wade
Web Developer



Tina Buxbaum
Electronic Media
Project Manager

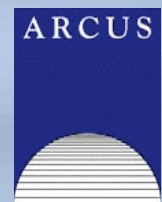


Zeb Polly
Systems Administrator



Joed Polly
Video Production

...with help from
the entire staff
at ARCUS





International Polar Year (IPY) **2007-2009**

The International Polar Year (2007-2009) is an exciting scientific campaign focusing on the world's polar regions!

IPY is a time for discovery, science, learning, and awareness about the polar regions with activities for youth, scientists, and the public.

www.ipy.org

Who are we talking with today?



PolarTREC Teacher

Kirk Beckendorf
Blanco Middle School
Blanco, TX



Researcher

Jonas Asuma
University of
Wisconsin- Madison



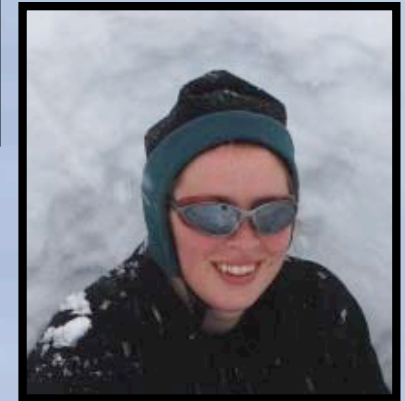
Researcher

George Weidner
University of
Wisconsin- Madison



Researcher

Jonathan Thom
University of
Wisconsin- Madison



Researcher

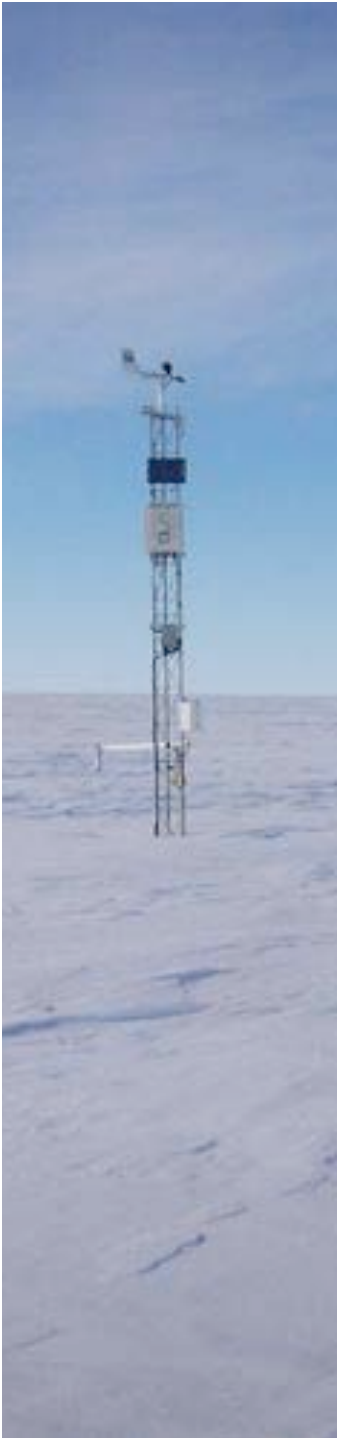
Shelley Knueth
University of
Wisconsin- Madison

Antarctic Weather Stations Expedition

Mr. Beckendorf and the team will be deploying, supporting, and maintaining a network of instruments that take automated weather measurements throughout the year.

Since the beginning of the project in 1980, there have been approximately 100 weather stations deployed across Antarctica

The data are transmitted via satellite in real-time and are a very important part of many scientific projects taking place in Antarctica, as these stations provide the only weather measurements available on most parts of the continent.





Antarctica

★ South Pole Station

★ McMurdo Station

375 mi





**Preparing for
Antarctica**



Extreme Cold Weather (ECW) Gear

Getting to Antarctica

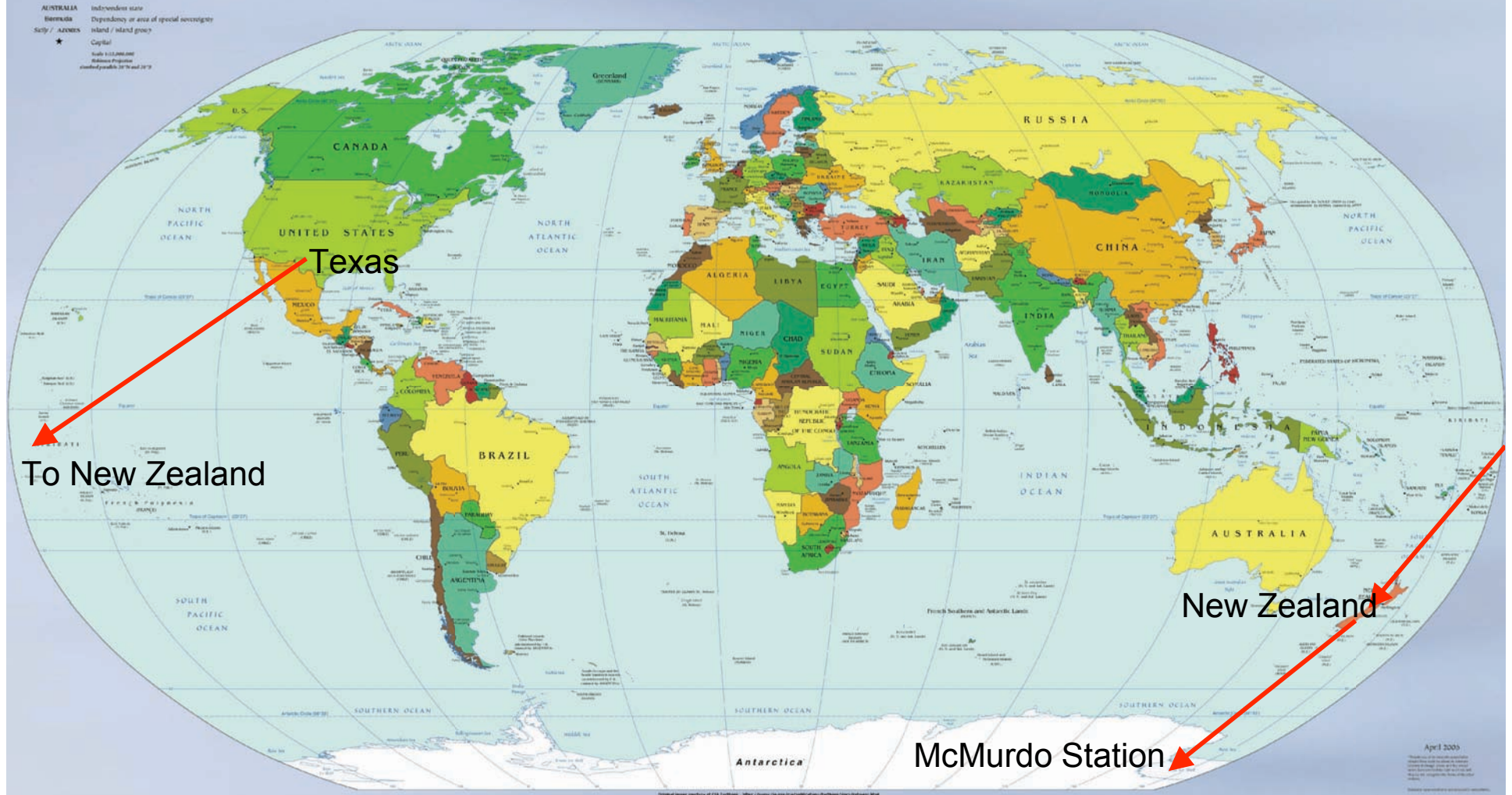






Where is Mr. Beckendorf and the Team?

Political Map of the World, April 2006





Antarctic Digital Coastline: Antarctic Digital Database, 2000
US Digital Outline: ESRI

Antarctica



Digital Coastline:
Antarctic Digital Database, 2000
Polar Stereographic Projection
Central Meridian 0, Base Latitude 71 S

McMurdo Station



Lots of Training!



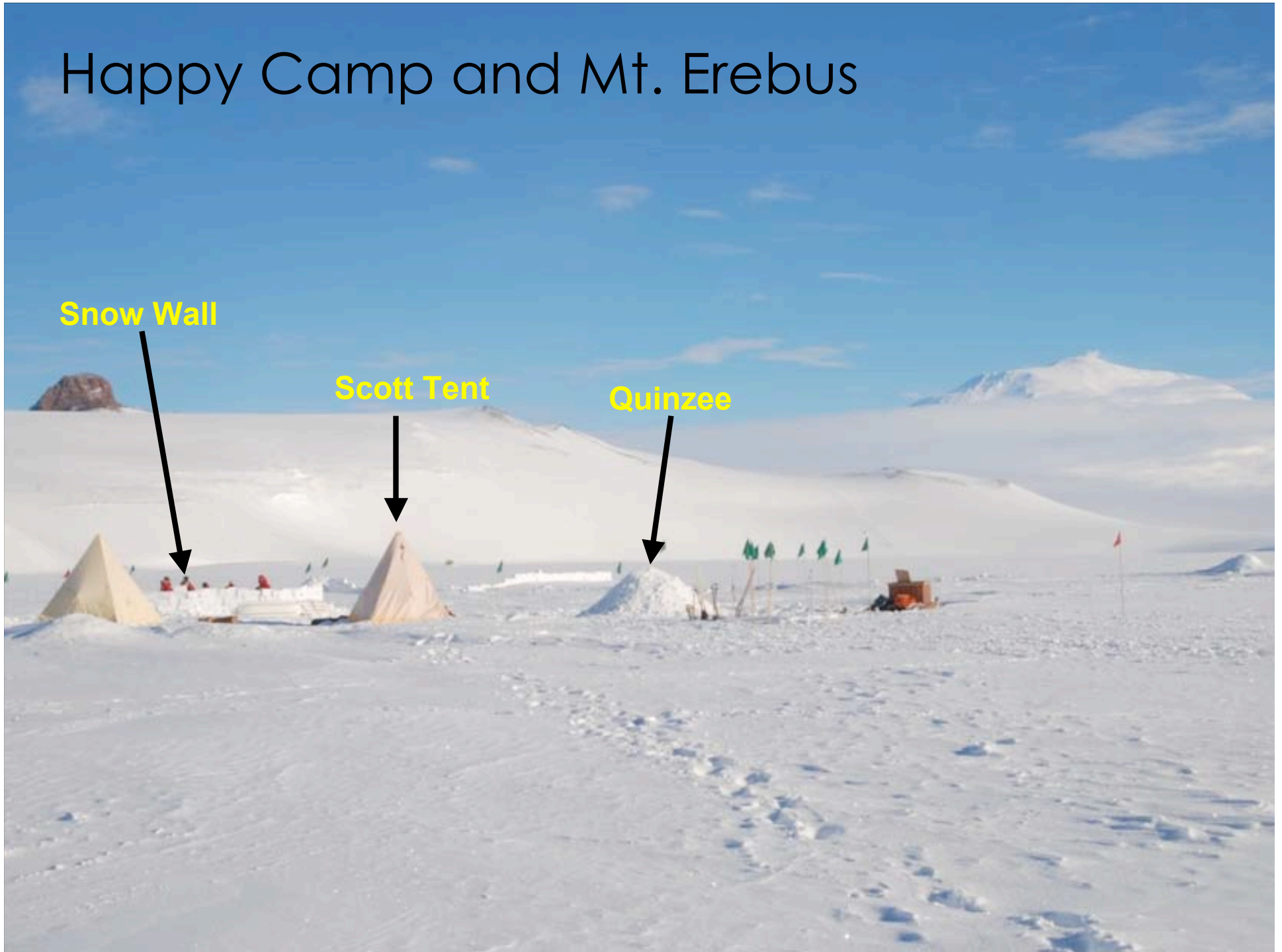
Happy Camper School



Making Snow Blocks and Building a Snow Wall



Happy Camp and Mt. Erebus



Life in a Quinzee



Vehicle School

Pisten Bully





Garbage School

Around McMurdo



McMurdo Sound Sea Ice at One o'clock in the Morning!







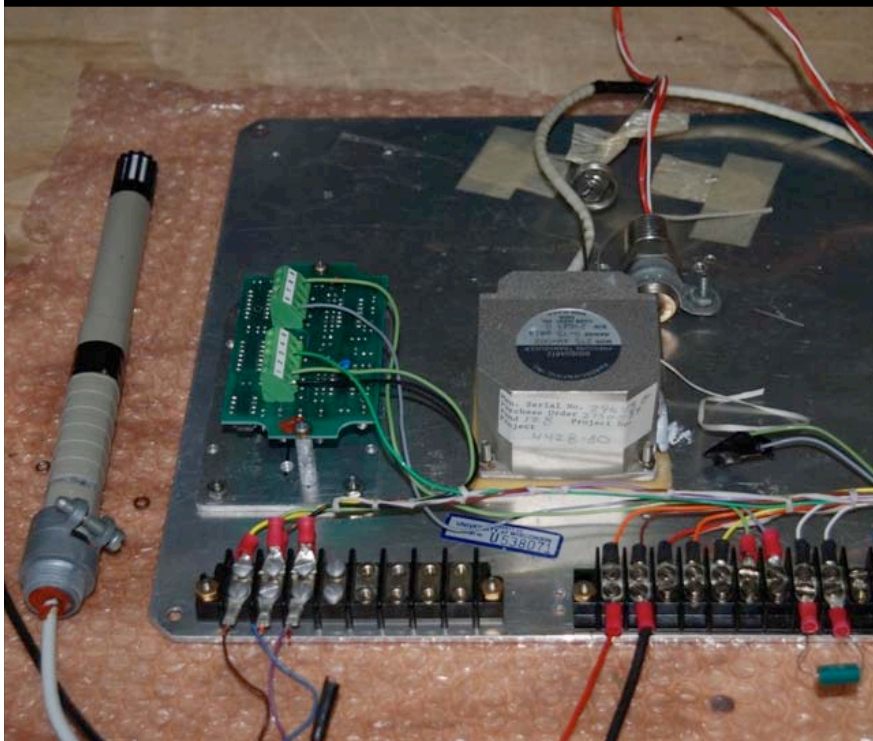
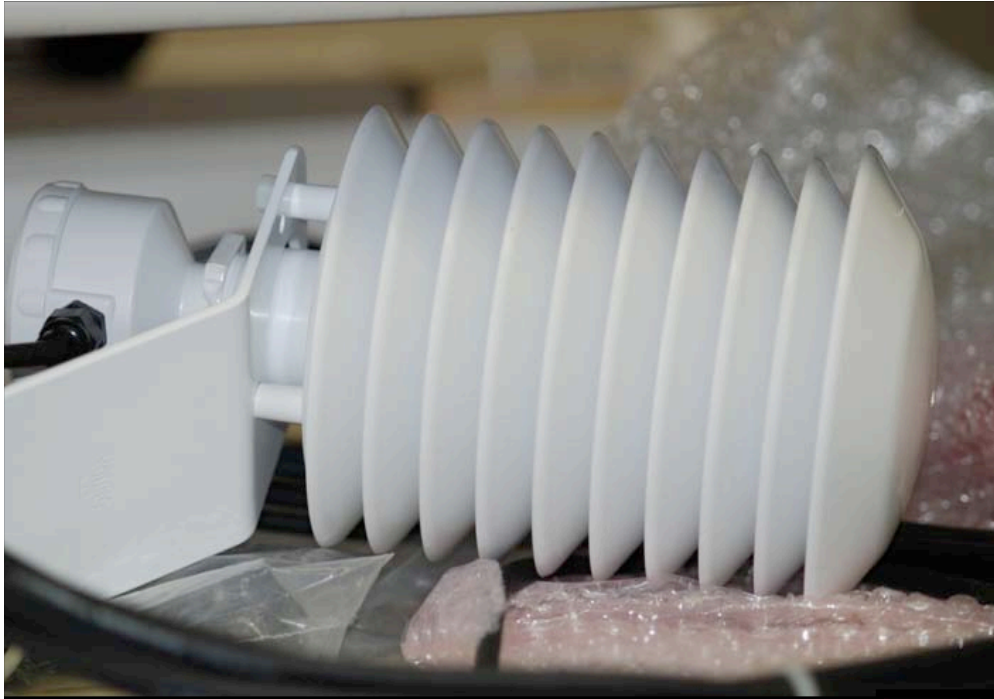
McMurdo vs Scott Base Rugby Match on the McMurdo Ice Shelf



Science:
The Reason
We're Here

Jonathan and George
repair a weather station.





Transportation

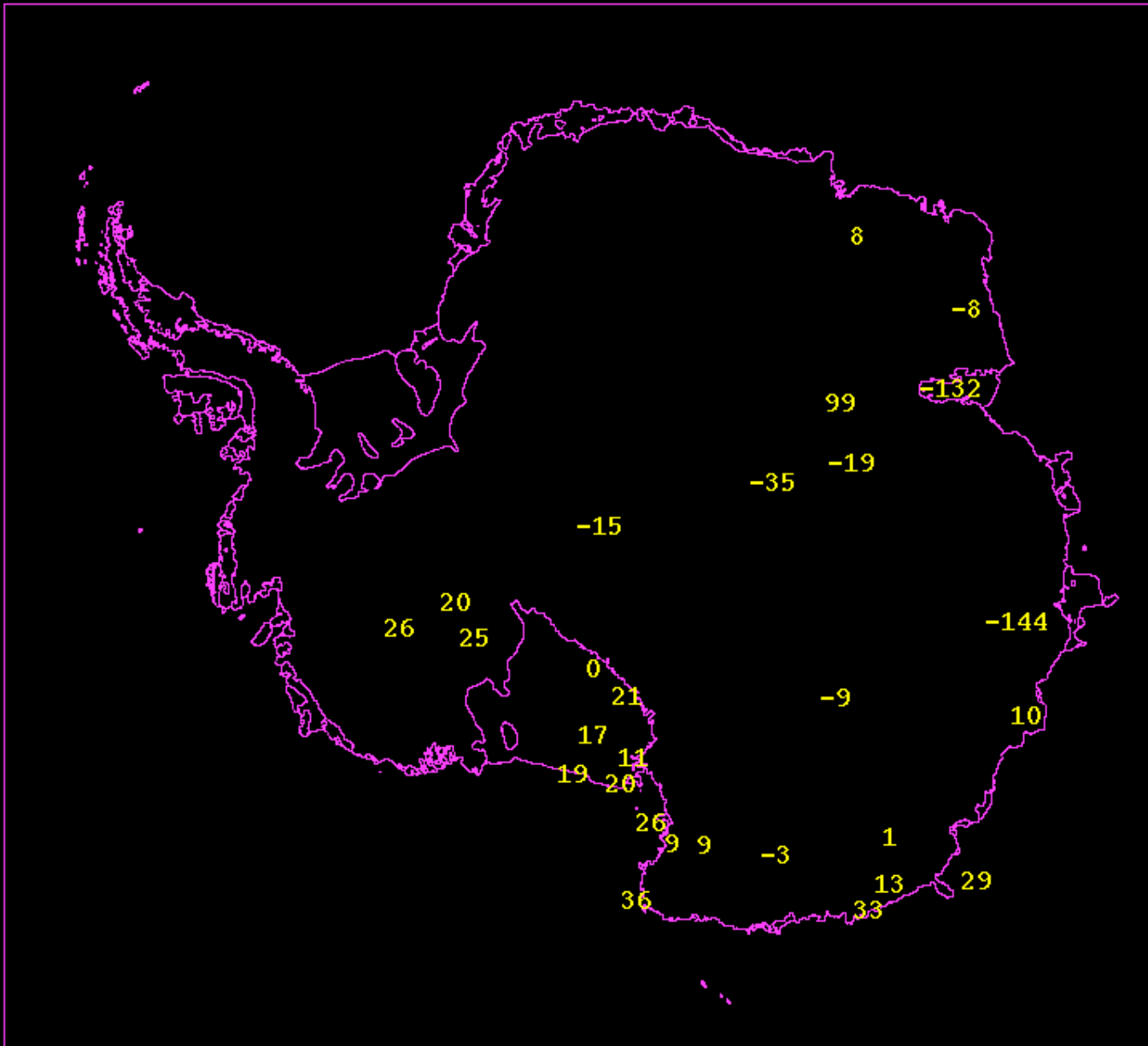


Pisten Bully (above)



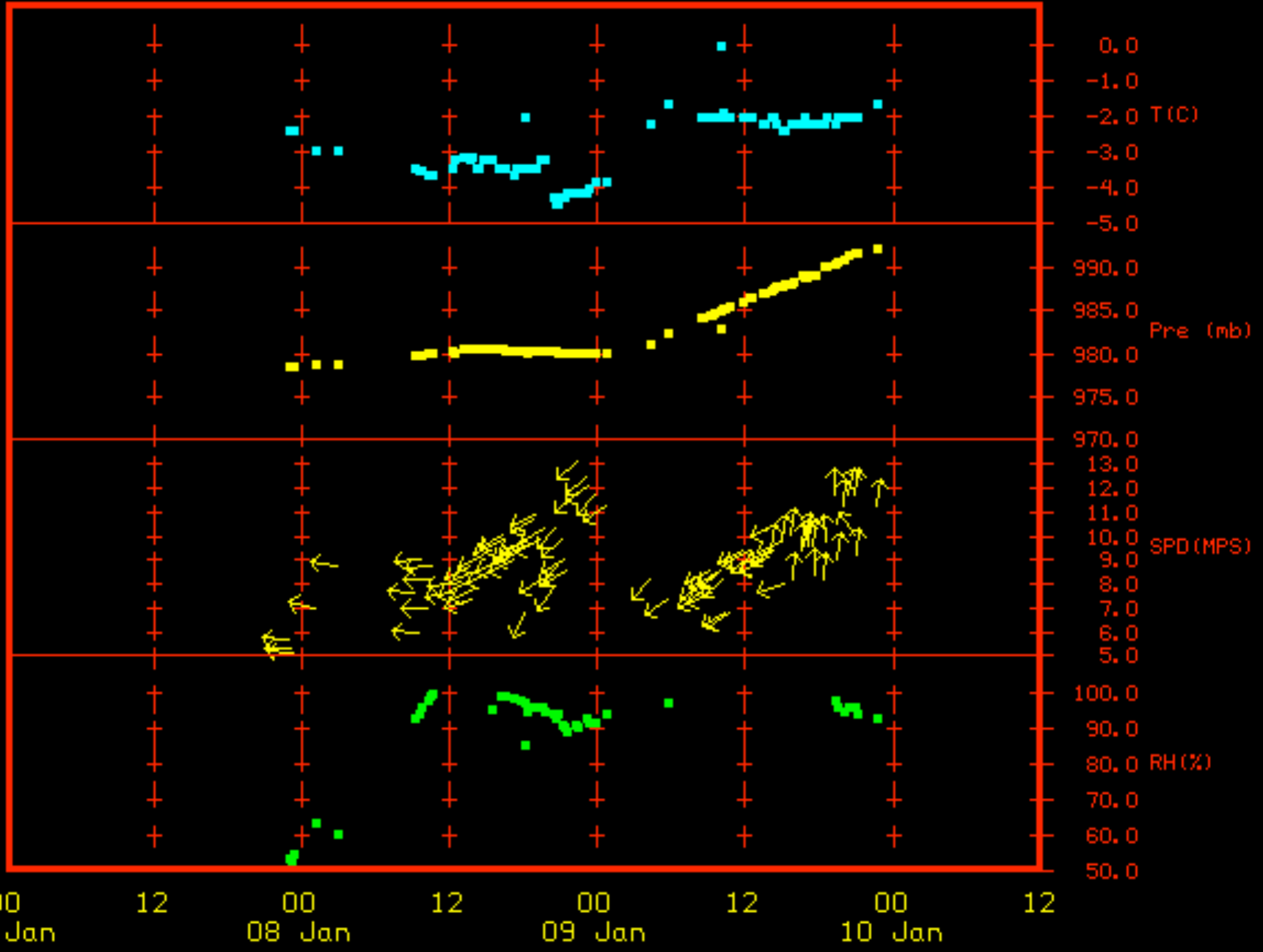
Helicopter (left)





SFC T[F] at 0 UTC on 14 Jan 2008

21360 77.52S 170.80E 37M
07 Jan 2008/010000UTC - 10 Jan 2008/010000UTC



Adelie Penguin Rookery at Cape Bird



Adelie Penguin



Antarctic Standoff



OEC

GREEN FOR U.S. SENATE
MARK DUNAU
DON'T SUBMIT



MAUI NIX
SURF SHOP



JRfm
937



THE BEEF BEEPS



Don't mess with
Texas



WINDMIX



FIVE SPOT BAR
Alaska, UT (406) 328-9171

Questions?

McMurdo Station with Mt.
Discovery in the background.





New expeditions and events starting:
SPRING 2008!

Watch for them at www.polartrec.com!

*Thank
You!*



*If you have further questions,
please contact us at
info@polartrec.com or call
1-907-474-1600*

