

Antarctica LIMA Proposal

Andrew

These crevasses near Mount Erebus a known volcano in Antarctica is my choice for my proposal to LIMA.

They are located around Mt. Erebus, whose summit location is $77^{\circ}32'S$, $167^{\circ}10'E$.

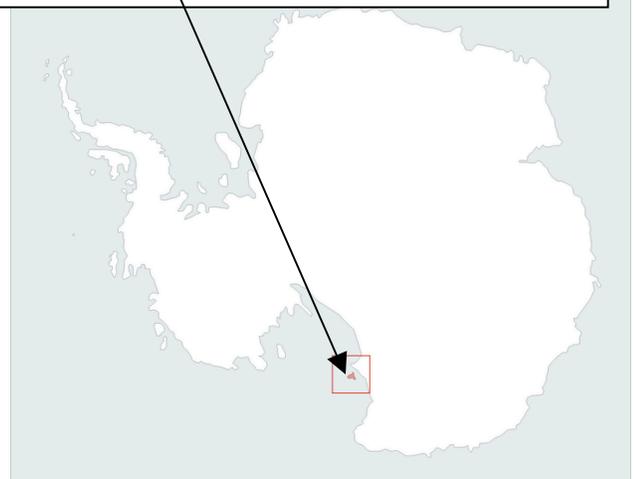
My chosen ice feature is scientifically interesting because we don't know why these crevasses are there. They could be from earthquakes, Mt. Erebus, etc. These should be looked into because lots of scientific information could be taken about earth around these features. Information about Mt. Erebus could be retrieved from the crevasses as well.

I think that this feature is being created by small earthquakes around Mt. Erebus. Meaning possibly it is becoming much more active and may possibly erupt. This could be dangerous and if we could know that Erebus will erupt we would know when and how to avoid it. Knowing the

Crevasses near Mount Erebus, on Ross Island, Antarctica



Ross Island, Antarctica located here.



position volcanoes are in is very good to know and could save lives.

The benefits of exploring this feature are that we would know when, how, and where a volcano would erupt and be able to keep things safe. Also having a volcano erupt could allow area for more research to figure out why it erupted. Did an earthquake cause its eruption and the crevasses like I predicted or did something else cause it to erupt?

Citations

Crevasses Image- <http://www.britannica.com/EBchecked/topic-art/394808/107439/Crevasses-near-Mount-Erebus-Ross-Island-Antarctica#tab=active~checked%2Citems~checked>

Antarctica Image-

<http://upload.wikimedia.org/wikipedia/commons/5/53/RossIsland-pos.png>

Latitude and Longitude -

http://www.ees.nmt.edu/Geop/Erebus/erebus_info.html