

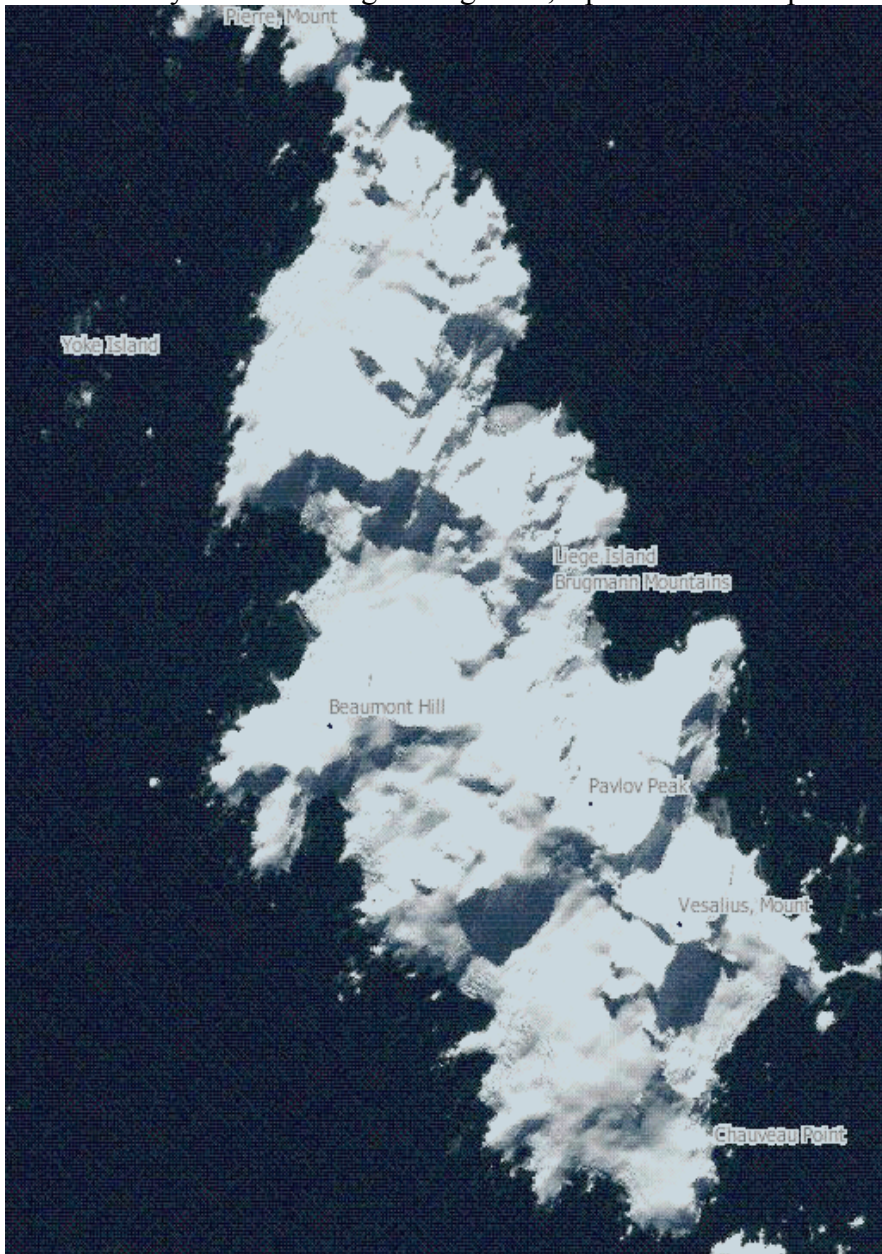
Team Member's Names: Matt

School: Mount Vernon Middle School, Mount Vernon, IA

Teacher: Mrs. Scarce

Proposal:

Brugman Mountains. The description in LIMA said- Mountains rising to 850 m, which are steep and rugged on the E slopes but are ice-capped and descend gently toward the W, extending in a NE-SW arc along the E side of Liege Island, in the Palmer Archipelago. Discovered by the BelgAE under Gerlache, 1897-99, and named by him for Georges Brugmann, a patron of the expedition.



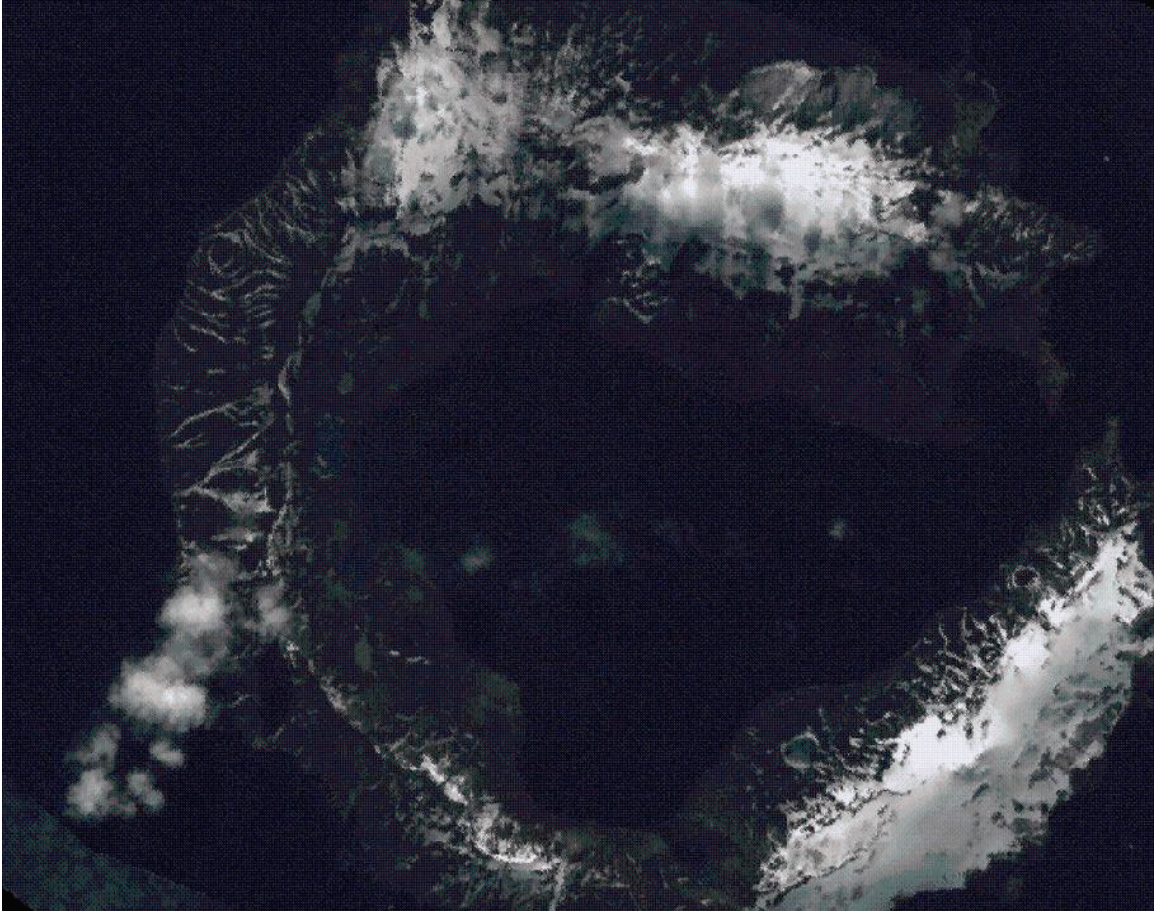


Its latitude is -64.033333 and its longitude is -61.916667.

These mountains are scientifically interesting because they are in a warmer part of Antarctica along the peninsula and there will be more opportunities to observe life. I believe that you can see penguins from here.

I think the geological process to create these mountains is a volcano erupted and created these mountains. Ice cores drilled from glaciers in the mountains may indicate the geologic history of the Mountains.

The picture below is Deception Island which is near Brugman Mountains. It obviously has had volcanic activity.



I think our team should be funded so there are more opportunities to find more life in this extreme environment.

The Larsen Ice Shelf is located near the Brugman Mountains and is the most rapidly warming part of Antarctica. (see picture below)



Thank you for considering my proposal.