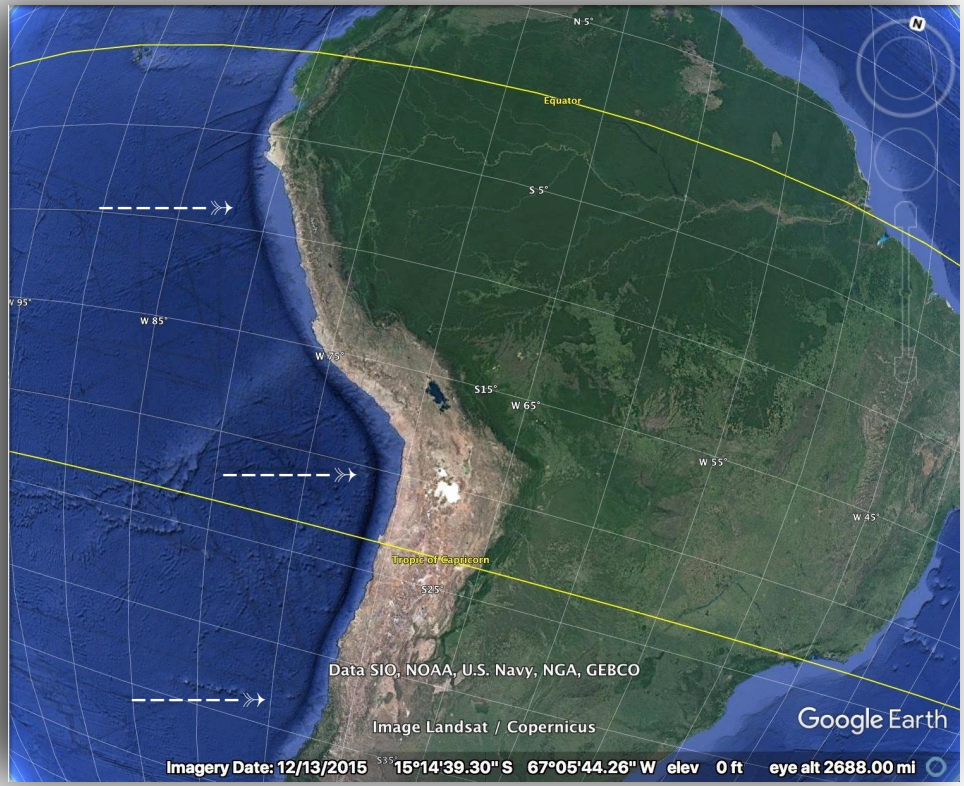
Plate Olympics

Nazca vs Africa? Who wins

Nazca Plate vs African Continent (Currently 0-1)

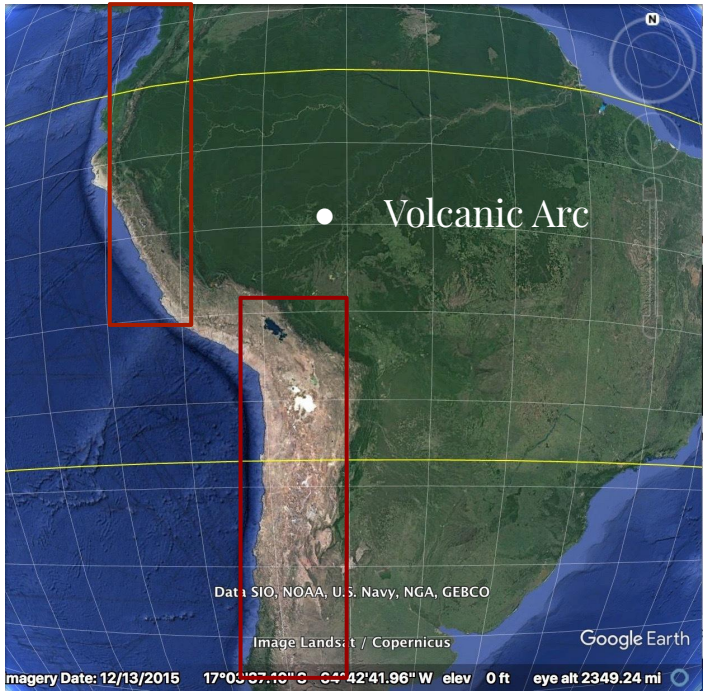
- Subduction Zone



Nazca takes a hard hit getting subducted to Africa in a nasty dual. Africa is holding steady on its active margin proving to be a tough contender

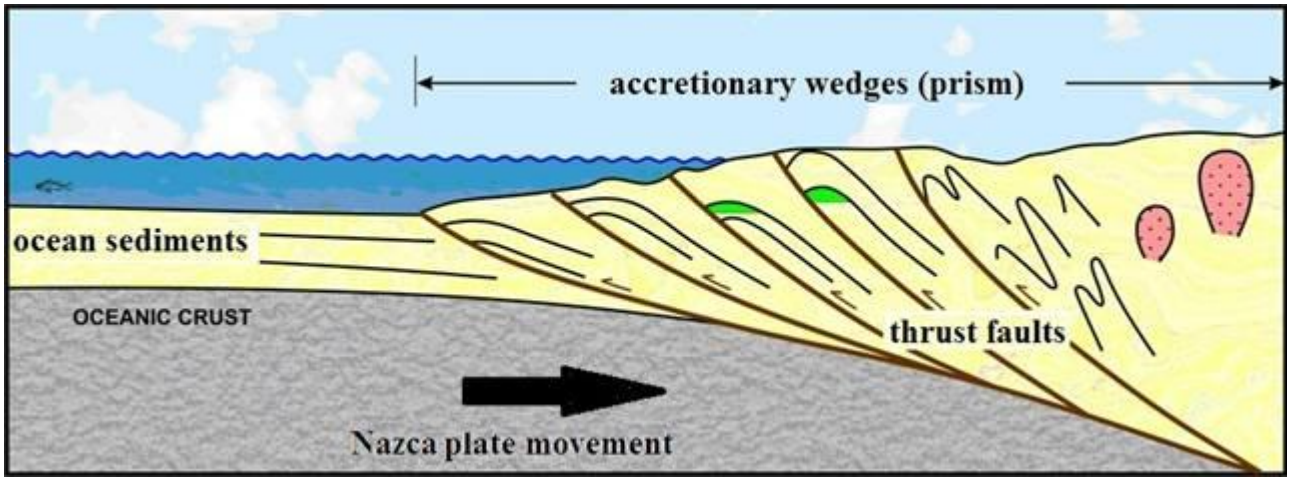
BUT what's this?? (Currently 1-1)

Am I seeing this? Nazca from the grave is leaving some nasty mountain high bruises on Africa. What an unseen comeback?



Getting in the Action (Currently 2-1)

On-Call with Mr. and Mrs. Accretionary -↠ Nazca is getting scraped badly by Africa. His sediment is getting wedged and bundled up I'm not sure if Nazca is going to make it



We got a Winner ! (Africa 2-1)

After Fight Interview

Nazca ↠ I mean seriously what was I supposed to do. He’s much lighter my only defense was to go down and duck. I got off some good hits, but Africa is much harder than he looks

Africa ↠ It was a solid battle. Nazca wasn't much competition. I got him good and glad to win

Alright Let's Get Real

The Subduction zone formed from the Nazcas much denser rock getting smacked by South America's much lighter granitic composition. The Nazca plate was left with no option but to go down where it is destined to be recycled and potentially reborn. And upon doing this, sediment scraped off the of the oceanic crust top was formed into an accretionary wedge right along and above the subduction zone. The water from the subducting oceanic plate when it gets superheated by the mantle compromises the stability of the rock. In return, this causes the formation of magma which rises to the top and erupts forming a volcanic arc upon the surface of South America.

Was there any unknown features?

Most of the features were pretty clear and distinct. There really isn't anything that caught me off guard or really spun me around. But that is just because of the features being so predominant.