

**IFWA MEETING**  
**Thursday, February 1, 2018, 7:00 PM**  
**Sentry Box**  
**MINUTES**

**Information Items:** none

**New Members:** Jonathan Olenick - writes science fiction / J. Paul Cooper / Suzy Vadori

Time	Topic	Person
7:00 PM	<b><u>Crits for February, 2018</u></b> <ul style="list-style-type: none"> <li>Crit 1: Renee Bennett – twisted fairy-tale-ish short Crit by Chris and Kevin Weir</li> </ul>	Shannon Chris / Kevin Weir
	<b><u>Crits for March, 2018</u></b> <ul style="list-style-type: none"> <li>Crit 1: Joey - Urban Fantasy/Horror part of Novella Crit by Shannon and Dale</li> <li>Crit 2: Mark - 1st Chapter of Supernatural Fantasy Crit by Cassandra Arnold and Michael</li> </ul>	Shannon
8:00 PM	<b><u>Skills Session</u></b> Ed Wilson – Writing Volcanoes and Super Volcanoes or how to have someone else open the mouth of hell. - How to use it in your story <ul style="list-style-type: none"> <li>See the attached presentation</li> </ul>	Ed Wilson
8:30 PM	<b><u>Call for Agenda Items</u></b> <ul style="list-style-type: none"> <li>Aurora Eligibility List now open. Anything published in 2017 - put out there for public consumption and readily available on Amazon, Kobo, any electronic media.</li> <li>Coffin Hop Press - submission - 2 anthologies - Christmas Crime and Knucklehead Noir - more silly bumbling criminals - paying 3 cents a word to a max of 5000 words - <a href="https://coffinhop.com">https://coffinhop.com</a></li> <li>When Words Collide Readers and Writers Festival <a href="https://www.whenwordscollide.org">https://www.whenwordscollide.org</a></li> </ul>	Michael

Time	Topic	Person
8:35 PM	<b><u>Brags</u></b> <ul style="list-style-type: none"> <li>Enigma Front: Onward - 38 stories from 32 authors were submitted. Chris Carolan - Indiegogo campaign has raised over \$1,100 - authors get \$40 and print version of book</li> <li>Chris - first few pages of Heroic Fantasy Quarterly - may be sent</li> <li>J. Paul Cooper - just had short West Coast Anthology - accepted</li> <li>Cassandra - started editing NaNoWriMo novel - 10 paintings in art show - Imagine 2018 (First Church of Nazarene - Mount Royal</li> <li>Michael - Writers in the House - Boomtown - Fireside Room - packed place on Saturday - social writing - deleted 9000 words</li> <li>Sandy Fitzpatrick - added 5000 words to her</li> <li>Suzi Vadori - first meeting</li> </ul>	Michael
8:40 PM	<b><u>Discuss / Decide</u></b> <ul style="list-style-type: none"> <li><b>Science Fiction Panels at WWC</b> – Brainstorming ideas – Ideas proposed to be submitted to WWC:</li> <li><u>Book to Movie</u> - looking at factors that go into changing a perfectly good story for the screen - adaptation.</li> <li><u>Creating an Anthology</u></li> <li><u>Mathematics for World Building</u> (presentation)</li> <li><u>Future Proofing Your Science Fiction</u> - how to make your science good enough so it doesn't get outdated six months from now.</li> <li><u>Non-Medieval Fantasy and alternate fantasy settings</u> - diverse fantasy and science fiction</li> <li>Agency for Women in Fantasy / Feminism in Fantasy</li> <li><u>What is science versus what is science about?</u> - can science work if it is bad science - why you should do it - how scientific is your science?</li> <li><u>Panel on AI</u> - how will it affect the future</li> <li><u>How you introduce religion into alien societies</u> – world building</li> <li><u>Cultural Appropriation</u></li> <li><u>Voice appropriation</u> - can you get away with it more in science fiction and fantasy</li> <li><u>Role of dystopian science fiction in a very dystopian world</u></li> <li><u>Using utopian worlds in a dystopian world</u></li> <li><u>What is the purpose of fiction?</u></li> <li><u>Sub genre trends:</u> Is steampunk in or out? etc.</li> </ul>	Michael

Time	Topic	Person
8:55 PM	<b>Announcements</b> <ul style="list-style-type: none"> <li> <b>After-Meeting Newcastle Pub:</b> <a href="http://newcastlepub.ca/">http://newcastlepub.ca/</a>  <b>Address:</b> 2703 – 17<sup>th</sup> Avenue SW Calgary  <b>Directions:</b> Head west from the Sentry Box, go under Crowchild and turn west onto Bow Trail. Turn left on 26<sup>th</sup> Street and go straight a few blocks until you get to 17<sup>th</sup> Avenue. It will be on your right. </li> <li> <b>Aurora Awards:</b> Eligibility List for the 2018 Aurora Awards is up:  <a href="http://www.prixaurorawards.ca/eligibility-lists-are-open/">http://www.prixaurorawards.ca/eligibility-lists-are-open/</a> Make sure you get onto the list if you have something that came out in 2017 </li> </ul>	Michael

WRITING:

VOLCANOS  
&  
SUPER VOLCANOS

THIS GOT STARTED IN 2004 WHEN I GOT INTO AN  
ONLINE BREW-HA-HA ABOUT HOW A  
SUPER-VOLCANO COULD CHANGE THE WORLD  
SOMEBODY SAID: HOW CAN AN EVENT THAT IS JUST  
SECONDS AFFECT THE WHOLE WORLD

I ANSWERED: IT DOESN'T LAST SECONDS.  
IT LASTS WEEKS OR MONTHS

AS I DID THE WORK I HEARD: 150 DAYS.

THE SOURCE IS 'SOMETIMES RELIABLE'.  
THAT IS A PROBLEM.

SO YOUR STORY HAS A VOLCANO IN IT?

IS IT GOING TO ERUPT?  
HOW BADLY?

WHAT VOLCANO?  
HISTORIC, OR FUTURE??

IF IT IS NEAR FUTURE & SUPER:

PLEASE DON'T USE  
YELLOWSTONE!

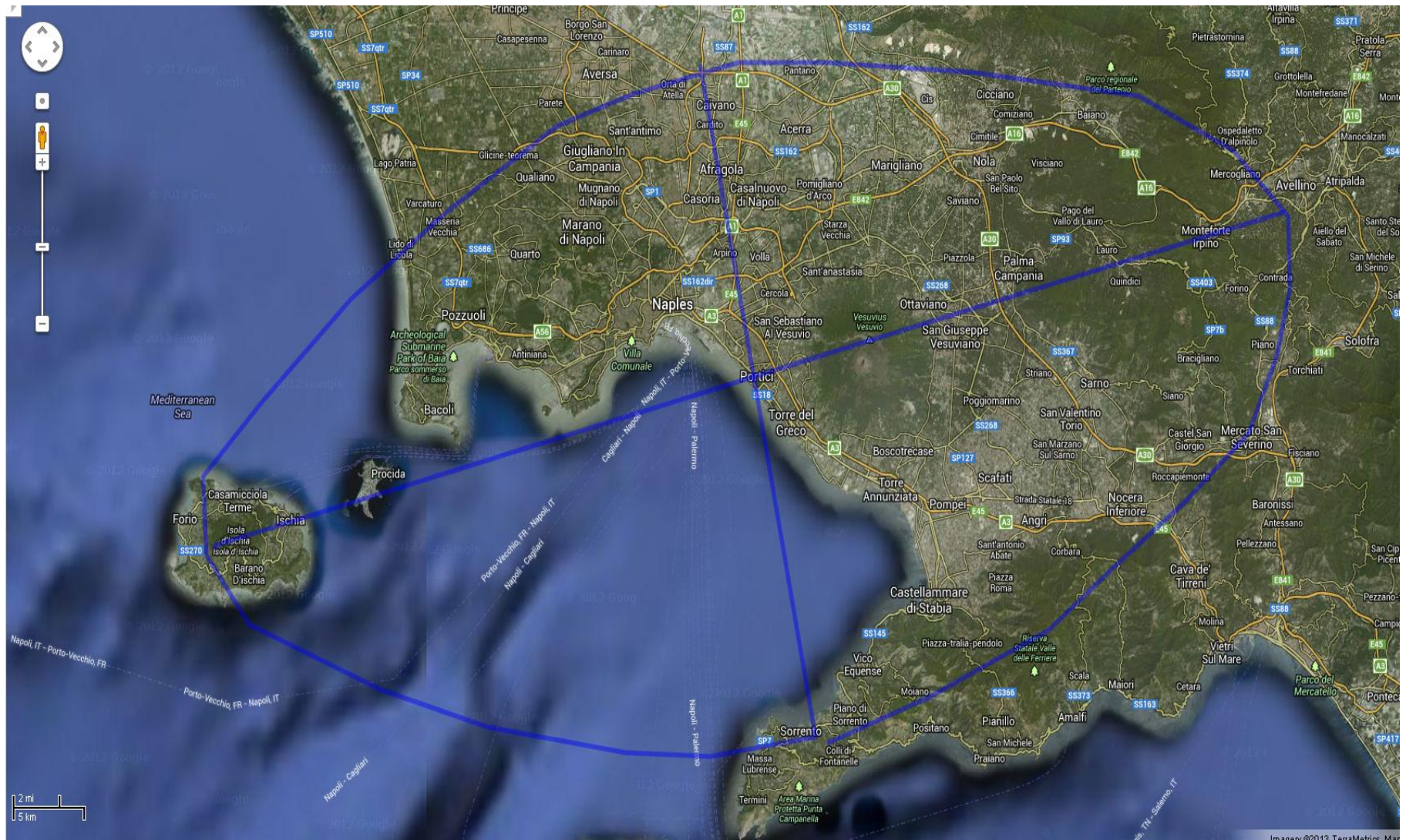
THERE ARE TWO GOOD WRITING REASONS FOR  
NOT USING YELLOWSTONE'S NEXT SUPER ERUPTION  
IN YOUR NEAR FUTURE STORY:

- 1) IT HAS BEEN DONE TO DEATH WITH:
  - A) A MOVIE (TITLED: SUPERVOLCANO)
  - B) A SERIES BY HARRY TURTLEDOVE

2) YELLOWSTONE VOLCANO OBSERVATORY &  
UNIVERSITY OF UTAH HAVE SPOTTED  
THE NEXT SUPER ERUPTION.

IT IS 250 KM DOWN AND RISING AT 200 MM/YR  
THAT'S 1,250,000 YEARS AWAY

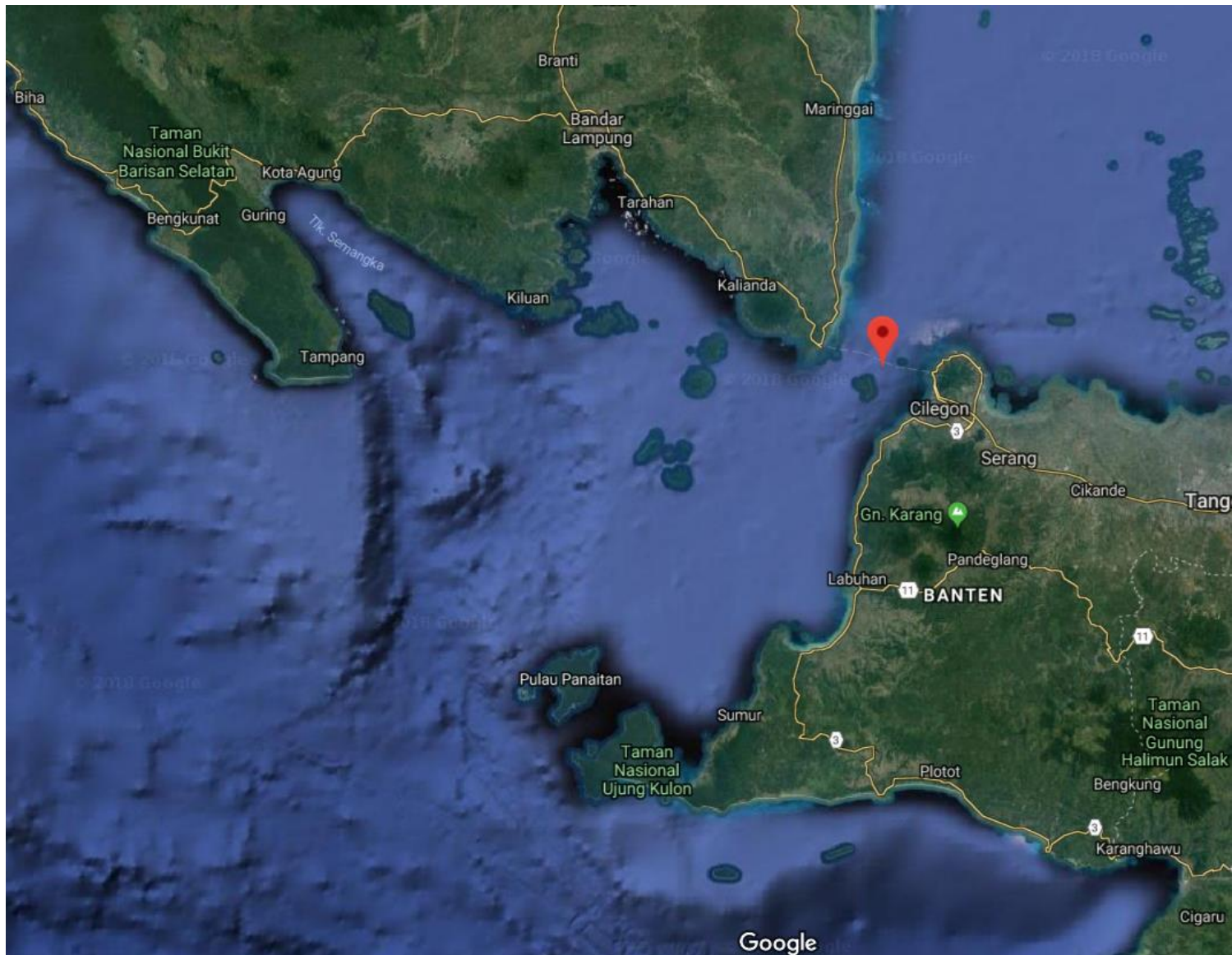
MAY I RECOMMEND:



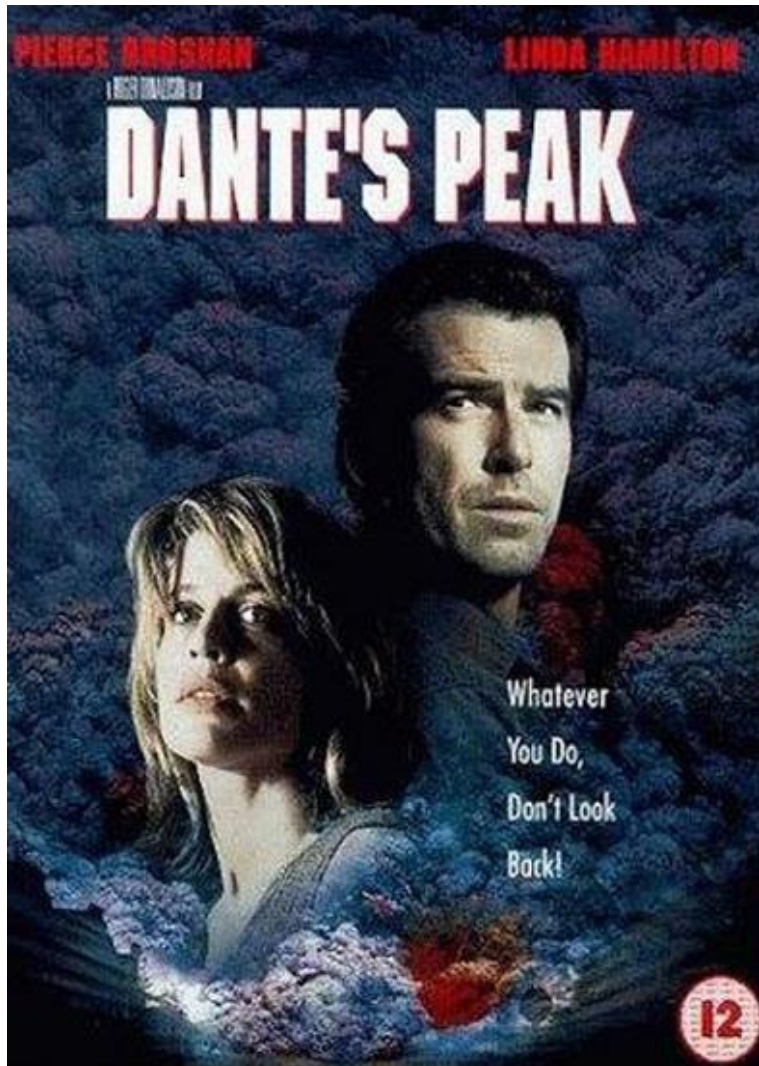
# THE BAY OF NAPLES SUPER-VOLCANO OR



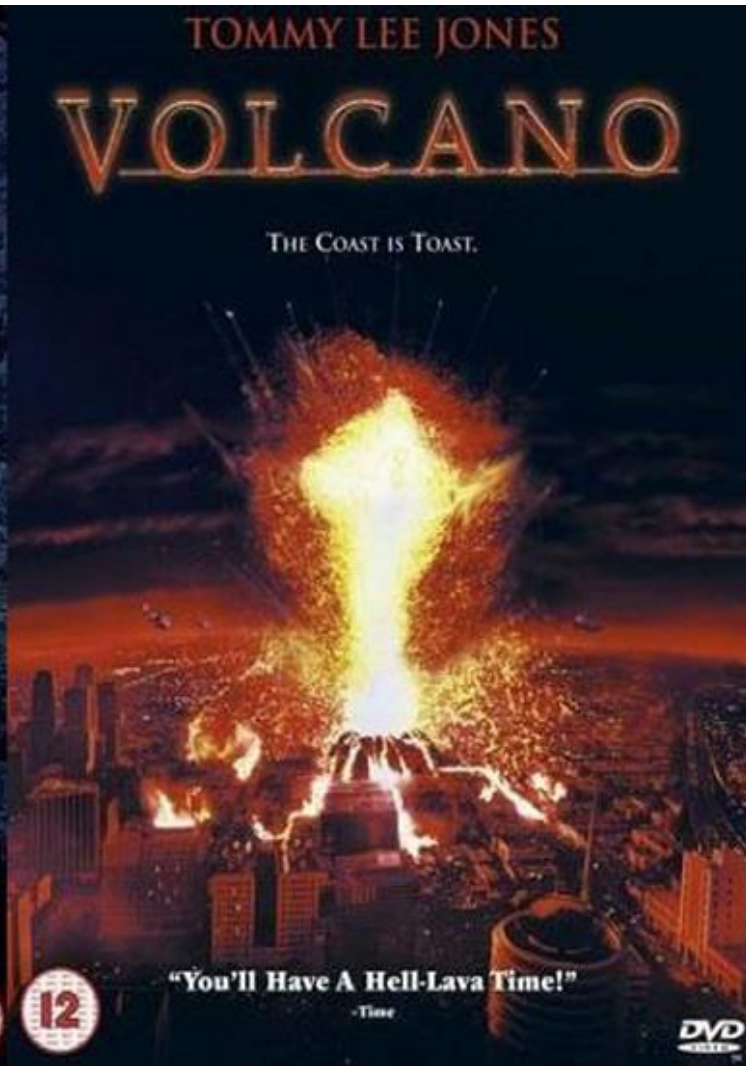
# SUNDIA STRAIGHT SUPER VOLCANO



NOW FOR JUST AS MUCH DRAMA ON LESS DISTRUCTION  
CONSIDER THESE TWO:



VERY GOOD



UNBELIEVEABLE

WHAT HAPPENED TO TOMMY LEE JONES?  
HIS WRITERS FAILED HIM BADLY.  
THE LA BASIN HAS TOO MANY  
SISMOGRAPHS!

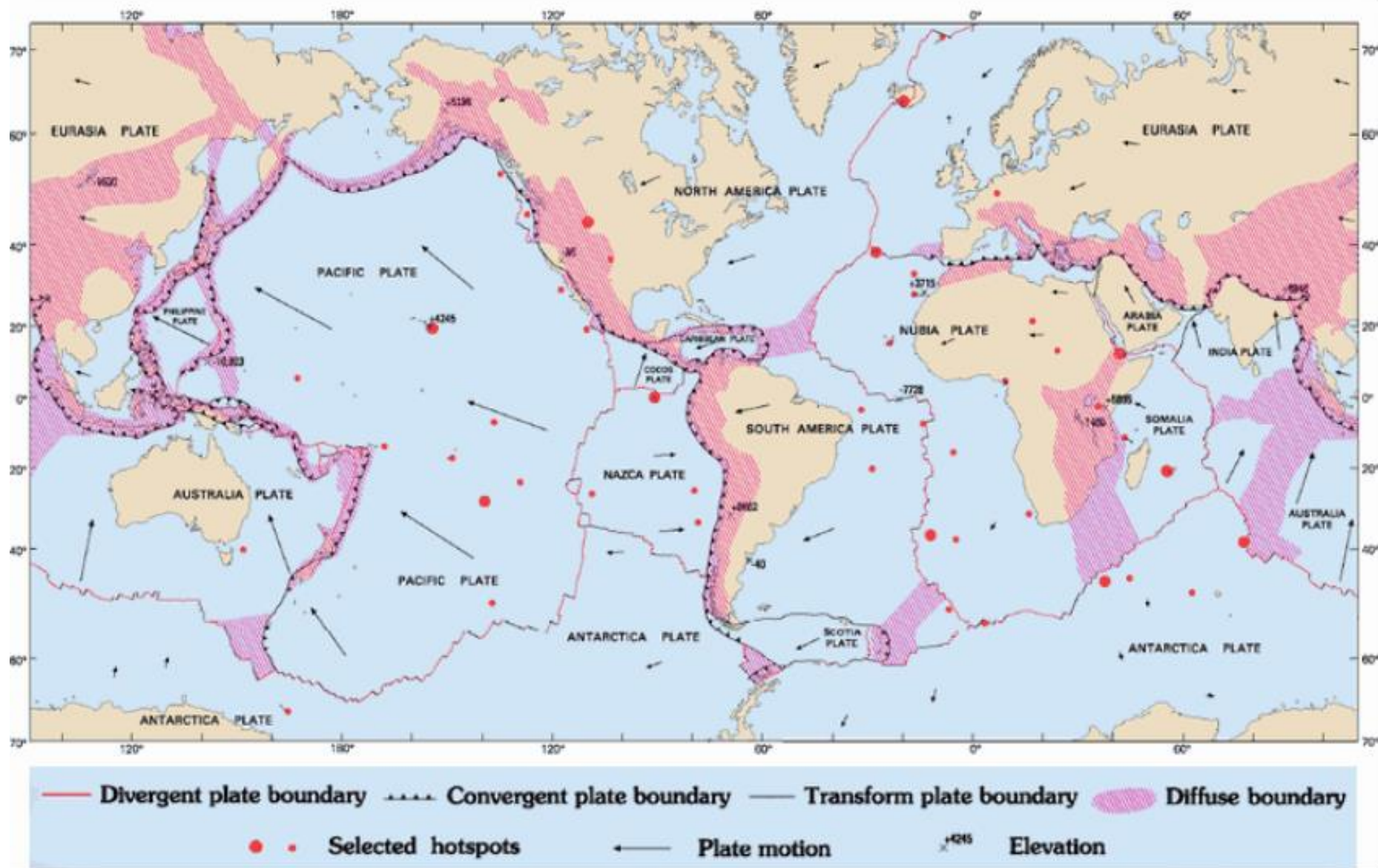
THEY'D HAVE HEARD IT COMING  
MONTHS BEFORE IT ARRIVED!

THERE ARE A LOT OF VOLCANOS  
ON EARTH, MOSTLY NEAR PLATE  
BOUNDRIES.

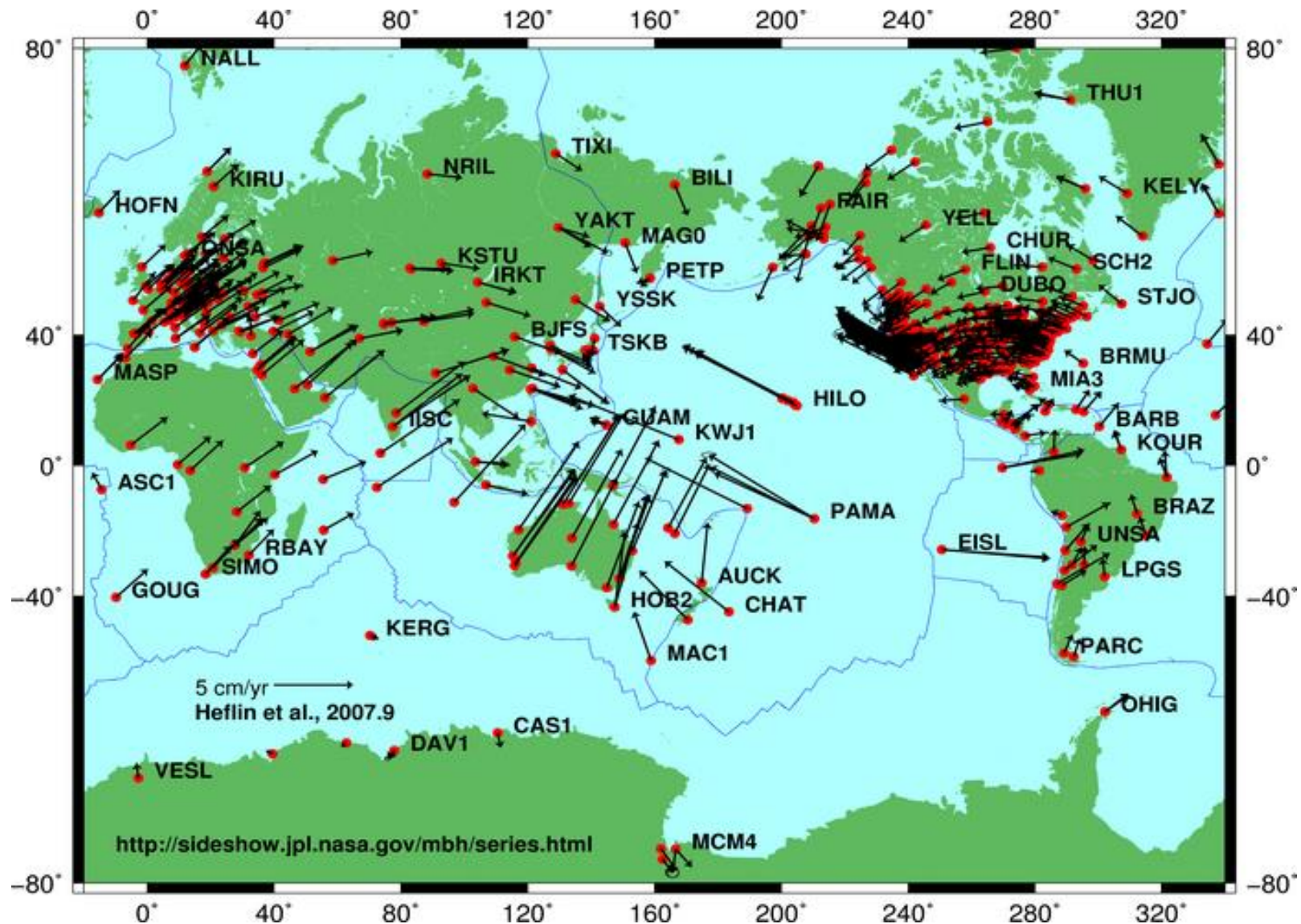
NOTE THAT LA ISN'T ON A PLATE BOUNDRY,  
OR ON THE RIGHT SIDE OF ONE FOR A  
VOLCANO

LA IS ON A MINI PLATE GETTING CRUSHED BETWEEN  
NORTH AMERICA AND THE PACIFIC PLATES



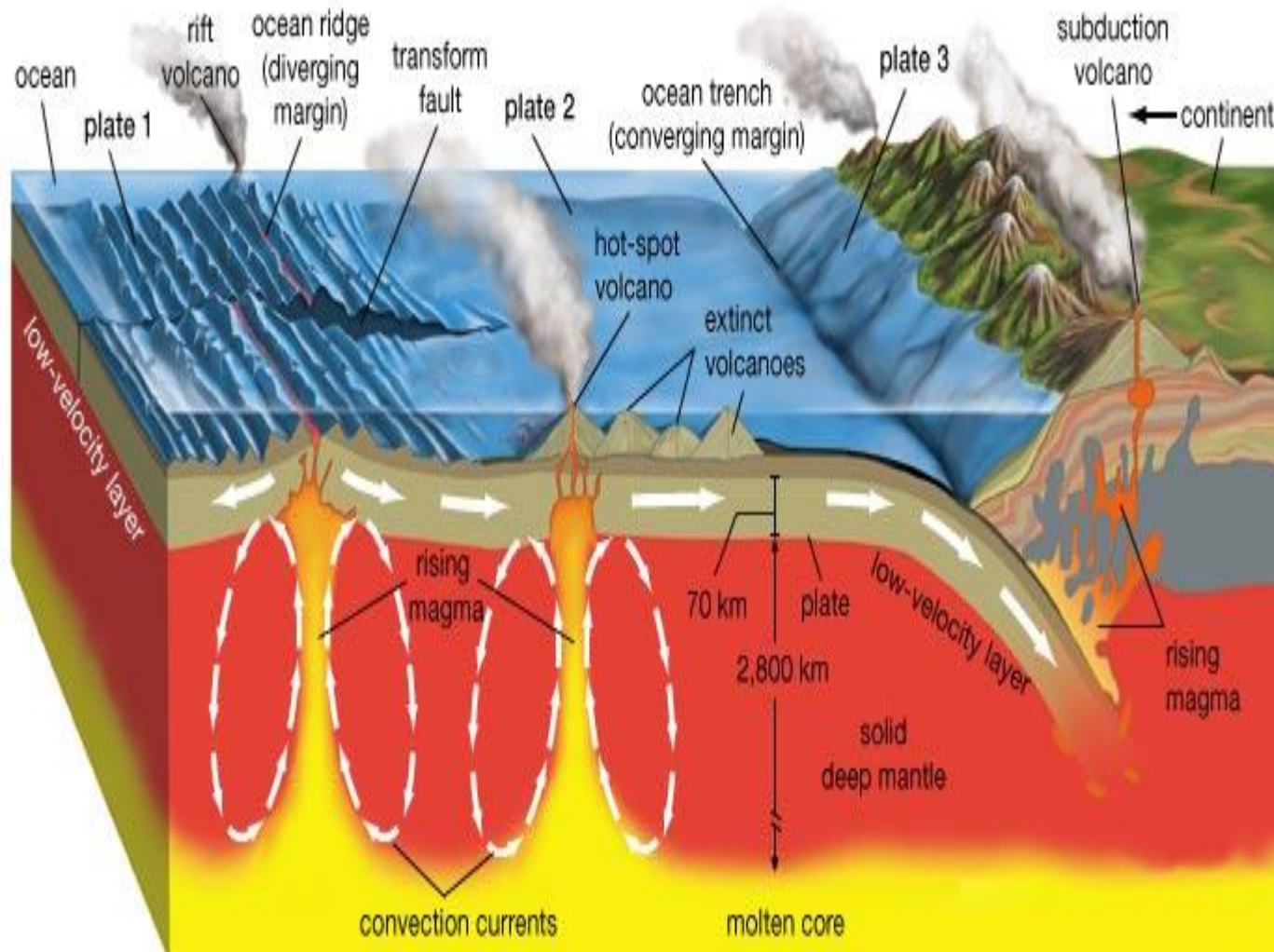


AND THEY'RE MOVING LIKE THIS:





# THIS IS HOW VOLCANOS ARE MADE



NOW A VOLCANO KILLS SEVERAL WAYS:

HOT ROCK LANDS ON YOU  
(VOLCANIC BOMB)

BIG ROCK LANDS ON YOU  
(FLYING DEBRIS)

A CLOUD OF HOT DUST OR  
PYROCLASTIC FLOW COOKS YOU

A CLOUD OF COLD CO<sub>2</sub> SMOTHERS YOU  
THIS HAPPENED TO EGYPT'S FIRST BORN

COLD CO<sub>2</sub> TURNS THE LAKE TO  
SODA WATER THAT GOES FIZZ  
AND SOFFICATES YOU.

YOU GET BOILED IN A POOL WHEN  
IT GETS HEATED BY HOT GASES

YOU GET STRUCK BY LIGHTNING  
THE CLOUD OF HOT DUST RISING MAKES  
A LOT OF SPACTACULAR LIGHTNING

THE LOCAL WATER SOURCES & GROUND WATER  
BECOMES BATTERY ACID

FLOODS FROM MELTING SNOW

LEHARS (MUDFLOWS) OF DIGESTED ROCK  
THAT'S NOW MUD (LIKE WET CONCRETE)

(ROCK +  $\text{H}_2\text{SO}_4$ )



# SIGNES THAT A VOLCANO IS COMING: THE USGS IS STICKING THESE THINGS AROUND IT:

## USGS SPIDER

THERE ARE LOTS  
OF EARTHQUAKES  
THAT'S WHAT THE  
GREEN THING ON  
A CABLE IS TO  
DETECT

THE GROUND IS  
RISING OR  
FALLING  
(NOTE THE GPS  
ANTENNA)

Seismic spider, a rapid-response instrument slung from a helicopter close to the focus of eruptive activity during the 2004 Mount St. Helens eruption.



Poland, Mike

2004-12-23

Seismic spider (painted green). This unit was designed with a separate weighted accelerometer (seismic unit) to replace the unit put out on November 20, 2004.

All images are public unless otherwise indicated, please reference USGS when publishing public images.

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THE SLOPE OF THE GROUND IS CHANGING

THE AMOUNT AND ISOTOPE MIX OF THE  
ROUTINE EMISSIONS CHANGE  
(EITHER WAY) [NOT ON THE SPIDER]

SIZEMOLOGISTS ARE COMPRESSING  
EARTHQUAKE SIGNALS FOR MUSIC

LONG TERM & LONG RANGE KILLERS

LEHARS CAN HAPPEN ANY TIME  
NOT NECESSARILY IN CONJUNCTION WITH AN ERUPTION

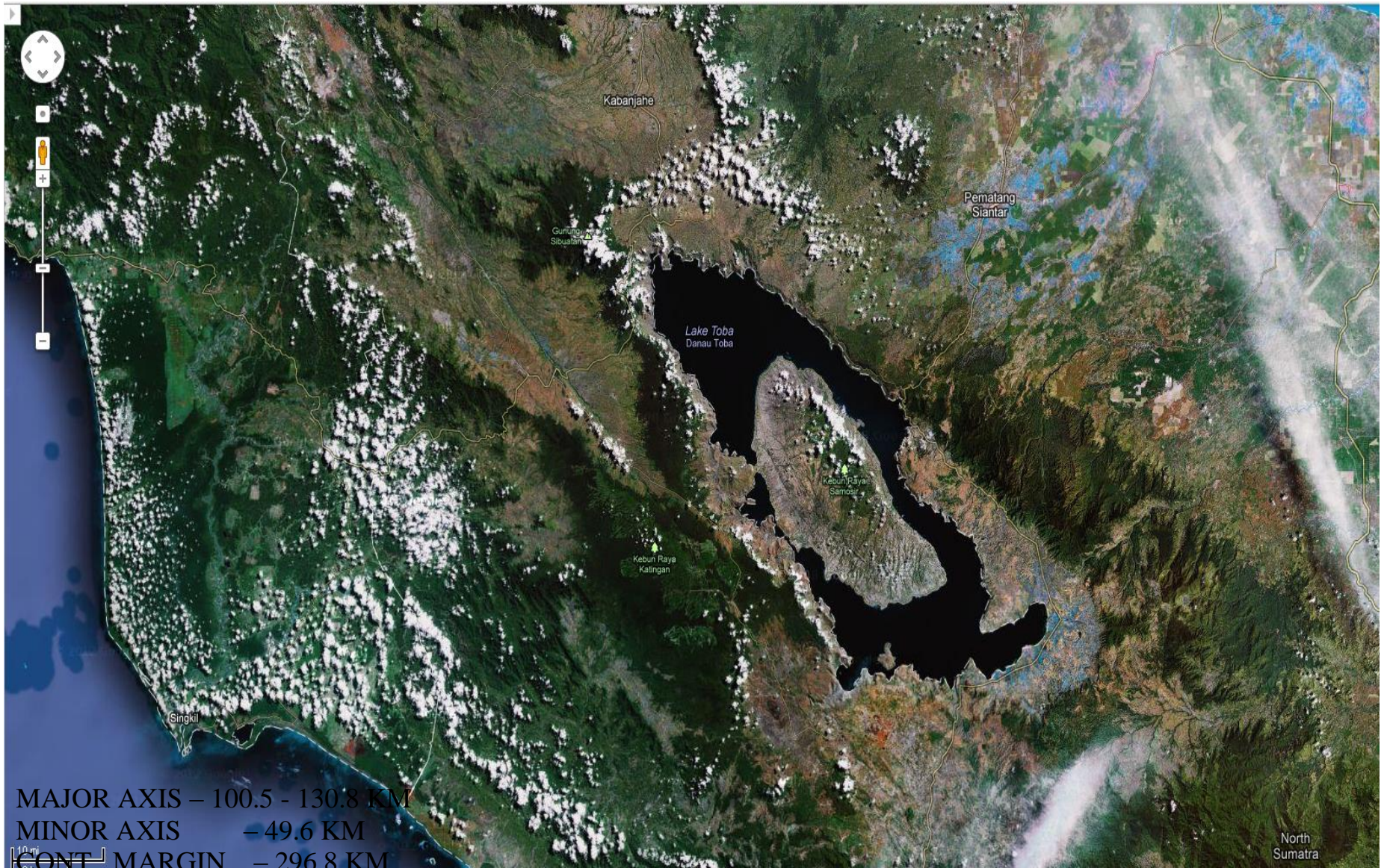
VOLCANIC DUST IN THE LUNGS

STARVATION  
(SUPER ERUPTION AND VOLCANIC WINTER)

SUPERVOLCANOS FORM A  
'STANDING HURICANE' ON TOP OF THEM.  
LIFTING SEA WATER, & VOLCANIC GASES ( $\text{H}_2\text{O}$ ,  $\text{H}_2\text{S}$ ,  $\text{F}_2$ ,  $\text{SO}_2$ )  
TO STRATOSPHERE YIELDING VOLCANIC WINTER (NO SUN)  
AND VOLCANIC 'SUMMER' (NO OZONE LAYER)

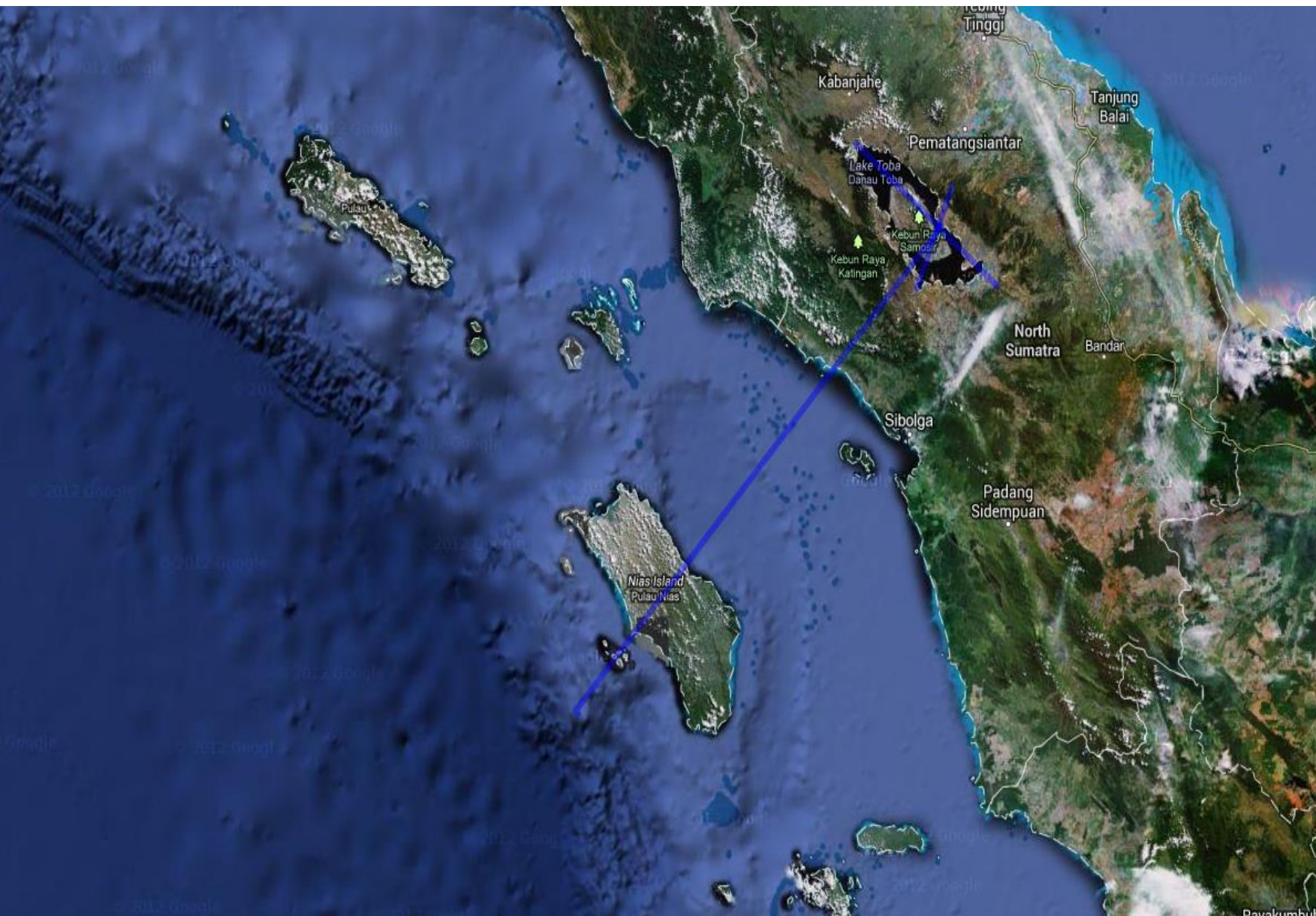
LAST ONE OF THESE WAS:





## LAKE TUBA IN SUMATRA





DISTANCE TO CONTENTAL MARGIN LAKE TUBA

THE DAY BEFORE IT ERUPTED 72,000 YA

WE WERE 500,000,000 SPREAD BETWEEN  
THE PILLARS OF HUCURLIES AND  
SOMEWHERE SOUTH OF BEJING

FIVE YEARS LATER

WE WERE 50,000 IN TWO POPULATIONS  
BETWEEN THE PILLARS OF HURCULIES  
AND THE STRAIGHT OF HORMOSE

AND FROM SOMEWHERE NORTH OF HONG KONG  
TO SOMEWHERE SOUTH OF BEJING.

ONE OF THESE IS THE NEXT ONE:





THE  
END