

Lee Kuczewski

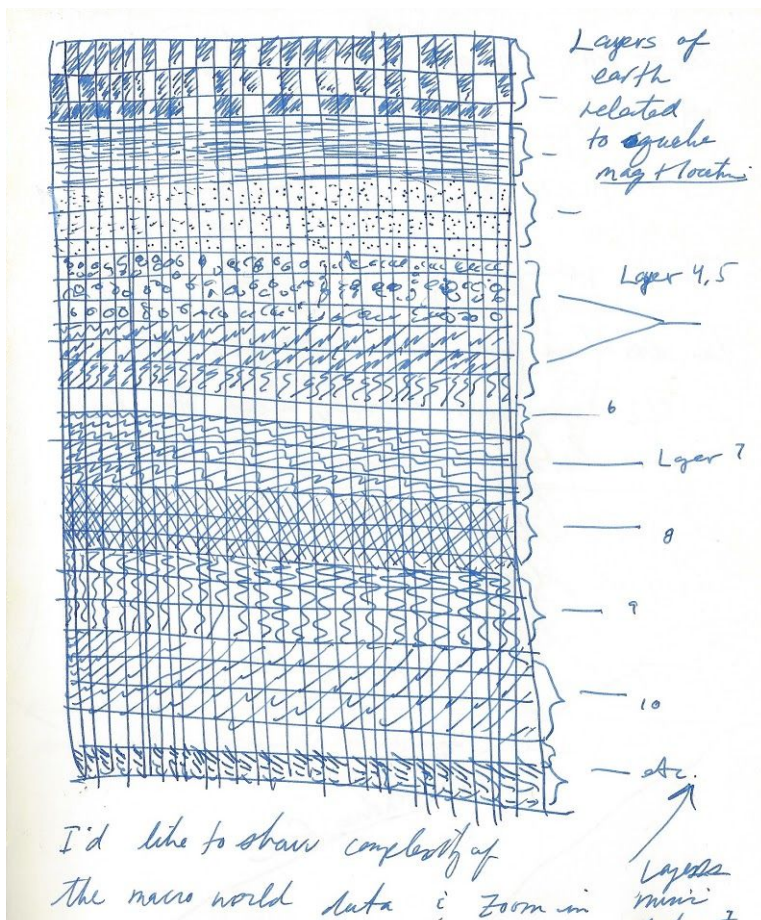
11.13.19

Sketches for Quake Project

Summary: First sketches for Quake Project are below.

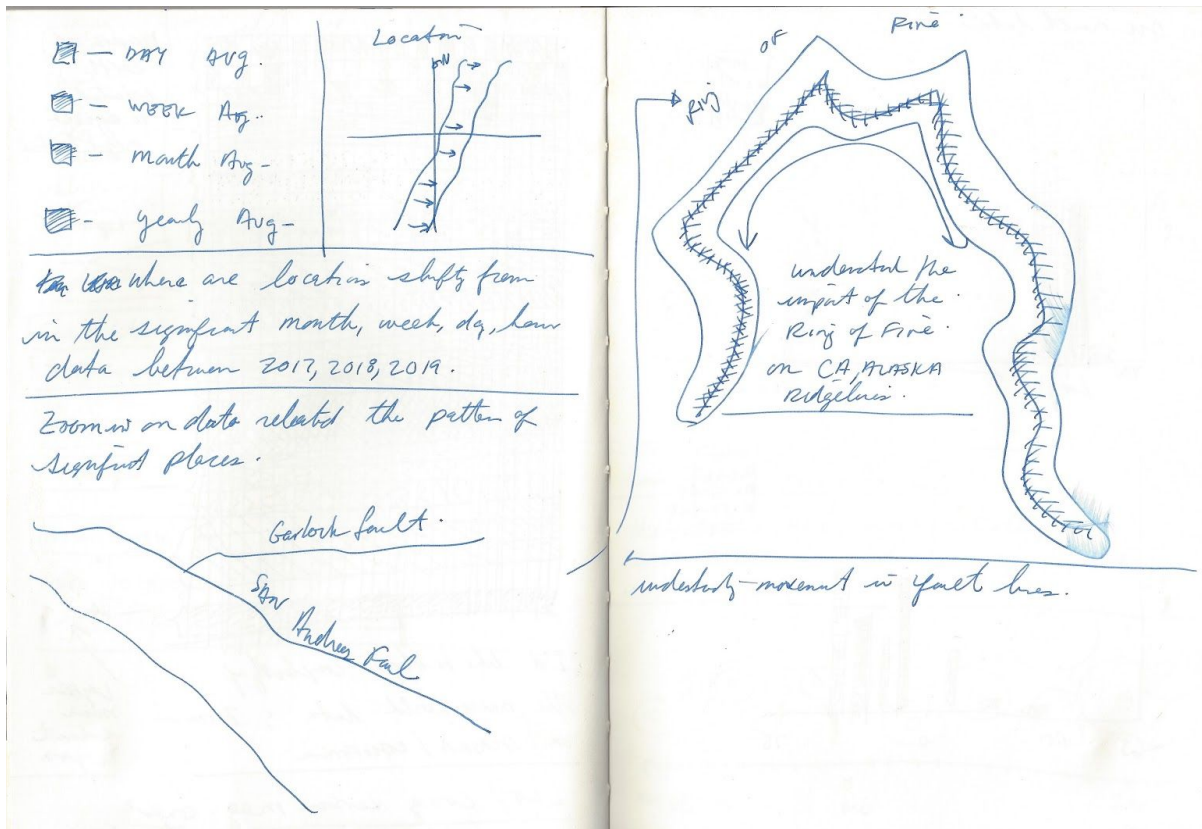
Sketch 1:

Here I'm playing with the idea of using layers like the sedimentary layers of the earth to uncover patterns of Magnitude over place (long and lat).



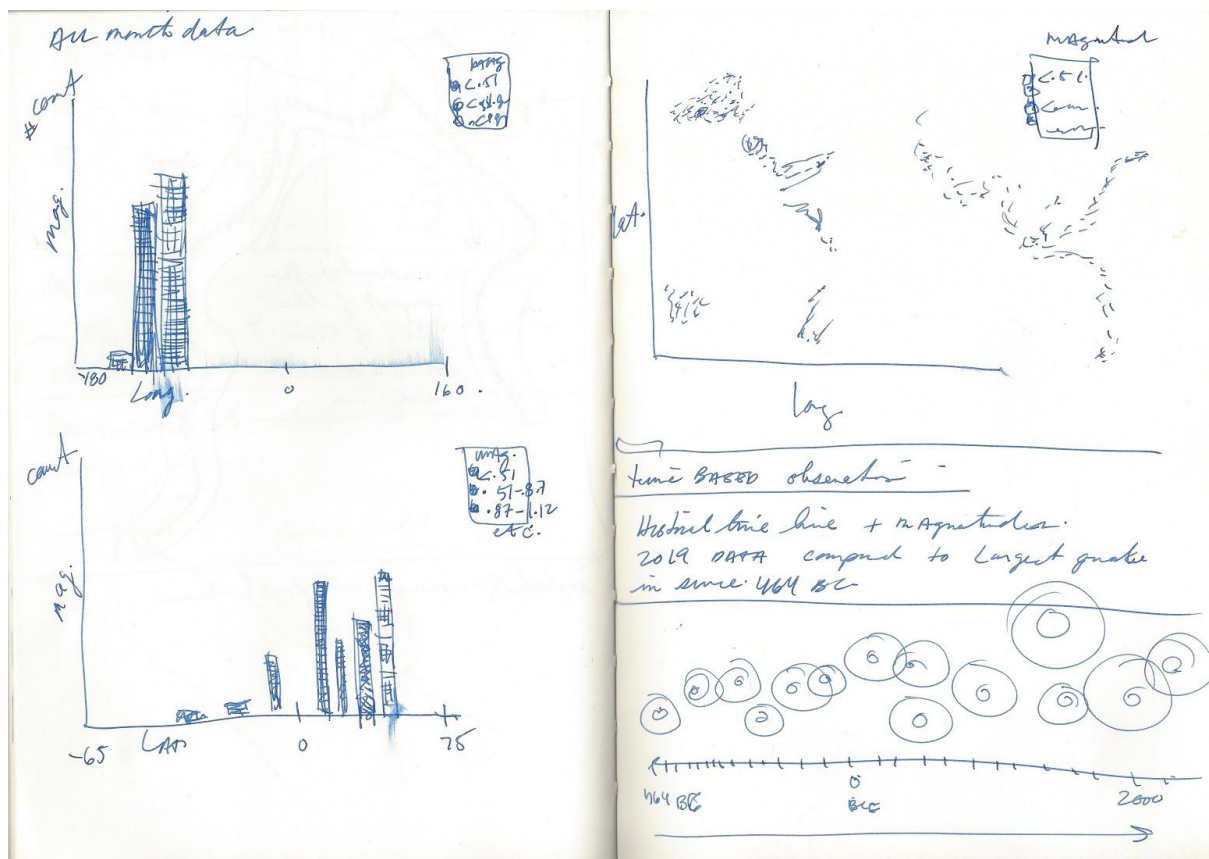
Sketch 2:

There could be an interesting story told about the change of location of Fault lines over time and how those are having an effect on the increase/decrease of specific areas related to the "Ring of Fire"-- fault lines and activity which travels from all the way up the coast line of CA to the Aleutian Arc of Alaska and into Asia. Macro in on specific area, possibly the Garlock fault of CA.

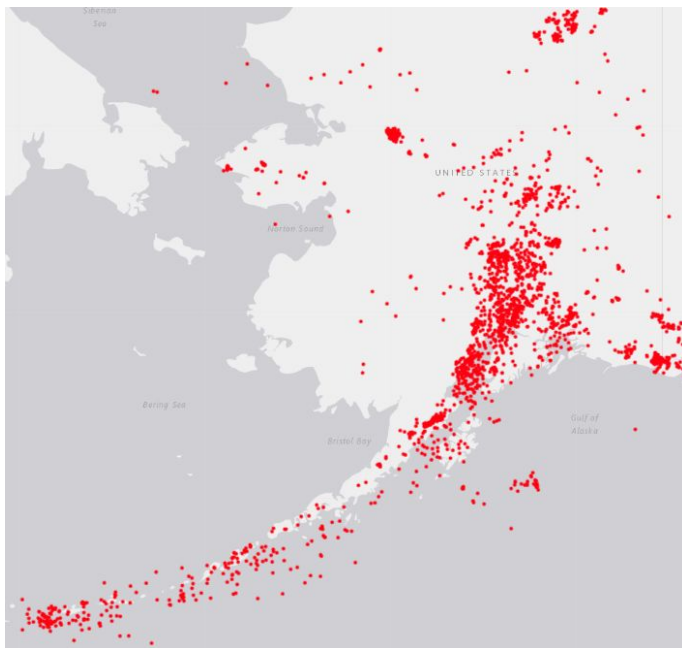
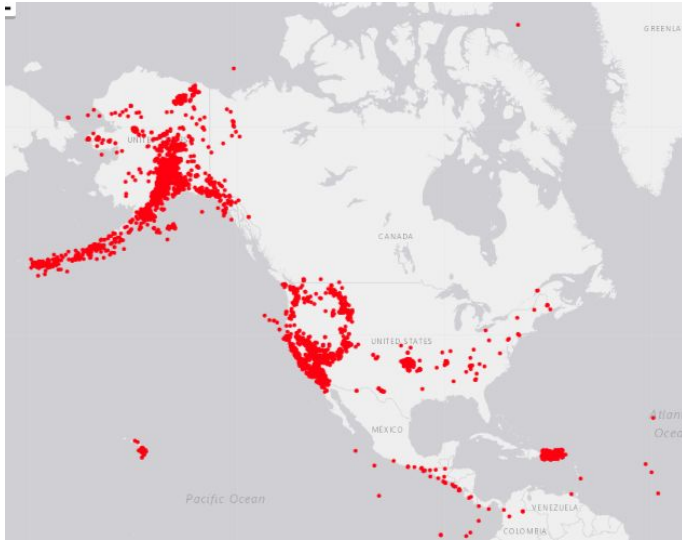


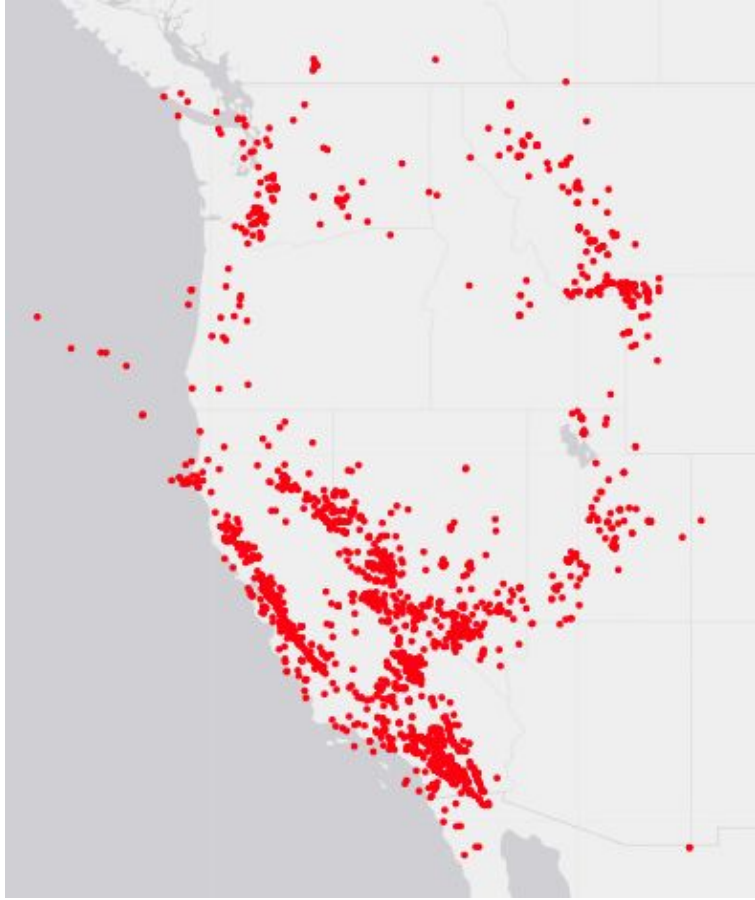
Sketch 3:

Clustering and activity over a time horizon is also another route which I'm exploring. The goal would be to understand if specific magnitudes are related to Lat and Long independently. Here, there could be a sort of small multiple used over time to show "significant" magnitudes historically. The bottom right quadrant of the below sketch could be used to plot large quakes that have been documented historically from 400 BC to current day.



I've also begun to look at Macro and Micro level areas. The below sketches/ideas came from reducing the quake Magnitude radius in the Sketch.js file in order to see more precisely where the quakes were clustering, and changing the tiles to neutral tones.







Oklahoma? Who knew?

