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Sketches/Charts of [A Thousand Suns Data](#)

### Summary:

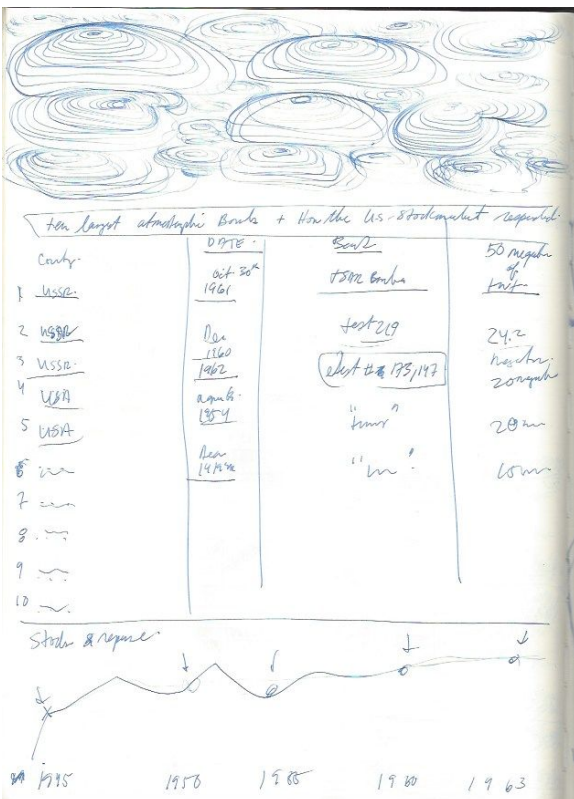
I've pivoted on my project and will look at atmospheric testing from 1945-1963 up until the Limited Test Ban Treaty occurred, when testing went underground. Specifically 20 of the largest yielding tests from the USA and Russia.

There was a lack of **clarity and story** in the intellectual property datasets and the thyroid cancer dataset I was looking at in my previous investigations. So I had to move on.

I'm interested in the relationship between the largest yielding bombs from the USA and USSR during atmospheric testing and [S&P 500 closing values](#) within one week's time (one both sides) of those tests. Some ideas for sketches are below:

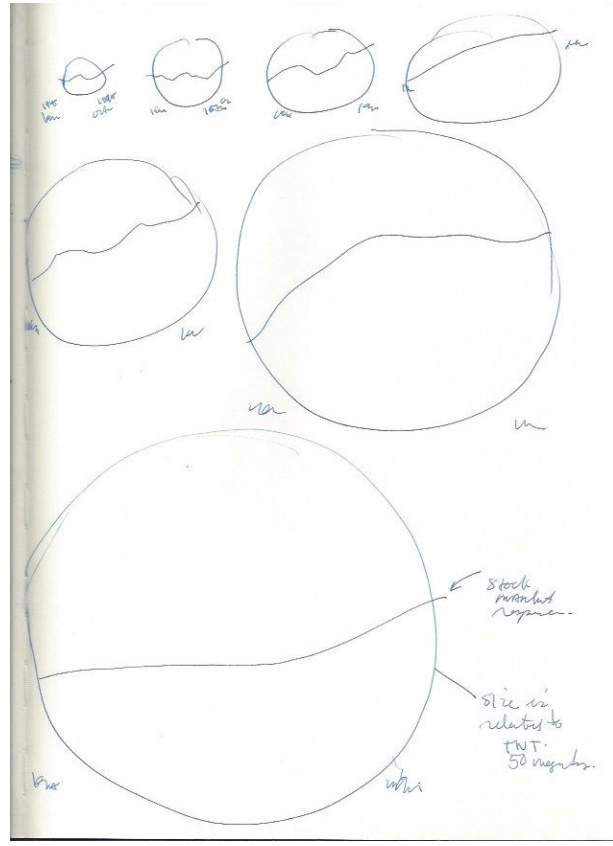
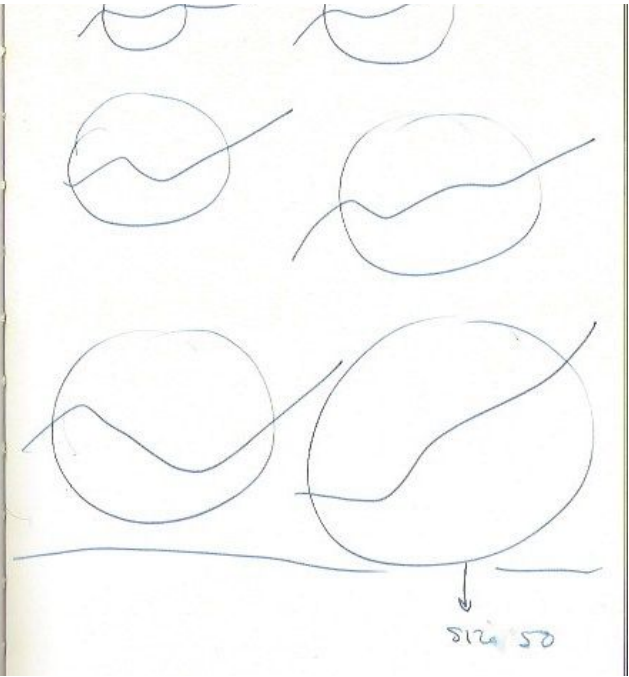
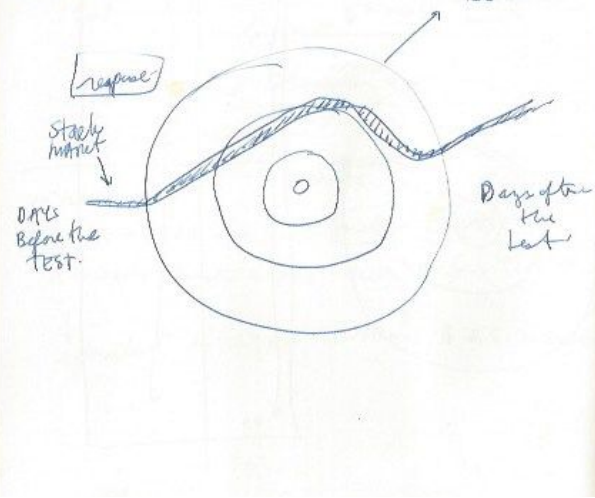
### Idea:

Is to look at the size of the yield per the largest tests in relation to the movement of the stock market during the week of the test. The line going through the circles below indicate the movement of the market during during that week. The retinal variable (size and position) of the circle is the yield from each test.



date	closing-amount
7/16/1945	14.94
7/17/1945	14.61
7/18/1945	14.56
7/19/1945	14.66
7/20/1945	14.66
7/23/1945	14.51
7/24/1945	14.54
7/25/1945	14.68
7/26/1945	14.38
7/27/1945	14.45
7/30/1945	14.6
7/31/1945	14.66
8/1/1945	14.68
8/2/1945	14.62
8/3/1945	14.68
8/6/1945	14.72
8/7/1945	14.52
8/8/1945	14.55
8/9/1945	14.79
8/10/1945	14.78
8/13/1945	14.61
8/14/1945	14.7
8/17/1945	14.62
8/20/1945	14.4

on the day of the 10 biggest bombs. Atmospheric.  
 what did the stock market do? AS.  
 uncorrelated summer  
 15-20% ↑



country	name	date	yield
ussr	Tsar Bomba	10/30/1961	50000
ussr	219	12/24/1962	24200
ussr	147	8/5/1962	21100
ussr	174	9/27/1962	10000
ussr	173	9/25/1962	19100
usa	Bravo	2/28/1954	15000
usa	Yankee	5/4/1954	13500
ussr	123	10/23/1961	12500
usa	Romeo	3/26/1954	11000
usa	Mike	10/31/1952	10400
ussr	158	8/25/1962	1500
ussr	168	9/19/1962	1500
usa	Poplar	7/12/1958	9300
usa	Oak	6/28/1958	8900
usa	Housatonic	10/30/1962	8300
ussr	183	10/22/1962	8200
usa	Bighorn	6/27/1962	7650
usa	Union	4/25/1954	6900
ussr	131	10/31/1961	5000
usa	Tewa	7/20/1956	5000

Daily/weekly movement of S&P trend are based off of data from this chart from [Macrotrends](#)

