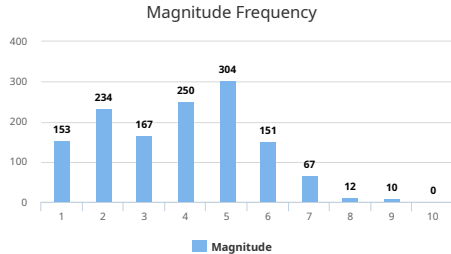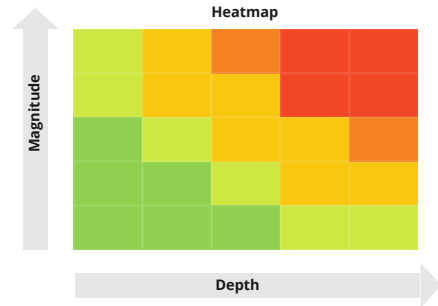**Dates** — Sliding window — Jan 2024 — Jan 2025 — Present

This timeline would display the full range of dates for out data, and could possibly have a line to show the frequency of the earthquakes, average magnitudes, or other. The box will be interactive and will filter the data points that show up on the map.

Magnitude Frequency

153	234	167	250	304	151	67	12	10	0
1	2	3	4	5	6	7	8	9	10

■ Magnitude

This will show the distribution of the magnitude of the earthquakes, and wll allow the user to filter or highlight by clicking on the bars

Heatmap

Magnitude

Depth

This could replace the histogram and allow users to filter depths, magnitudes, or a combination of both.