Project Proposal

Forrest Corcoran

4/12/19

**Problem/Question**

What is the relationship between large coastal storm events (i.e. hurricane, etc) and petroleum imports. Additionally, how does this relationship effect shipments of petroleum through shipping chokepoint like the Panama Canal.

**Data**

Data in hand: Import data by port by month, includes shipment quantity, country of origin, and more. Precipitation data by month at each of the ports.

Data to find: Flood model maps in raster form

**Technologies**

JQuery, underscore, Chart.js, Chroma.js, moment.js

**Design**

Map with sidebar on left and lower window below. Sidebar will contain controls, lower window will contain time series of imports/precipitation for selected port. Play/pause for pseudo-animation of time series as well as next/back buttons.