

Weather to Go There?

Summary

A dashboard page with multiple charts that update from the same data source focused on answering common questions about weather of an area: hottest, coldest, snow amount, rain amount.

Date Source:

NOAA Global Surface Summary of the Day (GSOD)

- Database with over 9000 weather stations' data
- Subset of GSOD#### table elements: Mean temperature (.1 F), Maximum temperature (.1 F), Minimum temperature (.1), Precipitation amount (.01 in), Snow depth (.1 in), year, month, day
- Subset of Station table elements: name, country, state, lat, lon

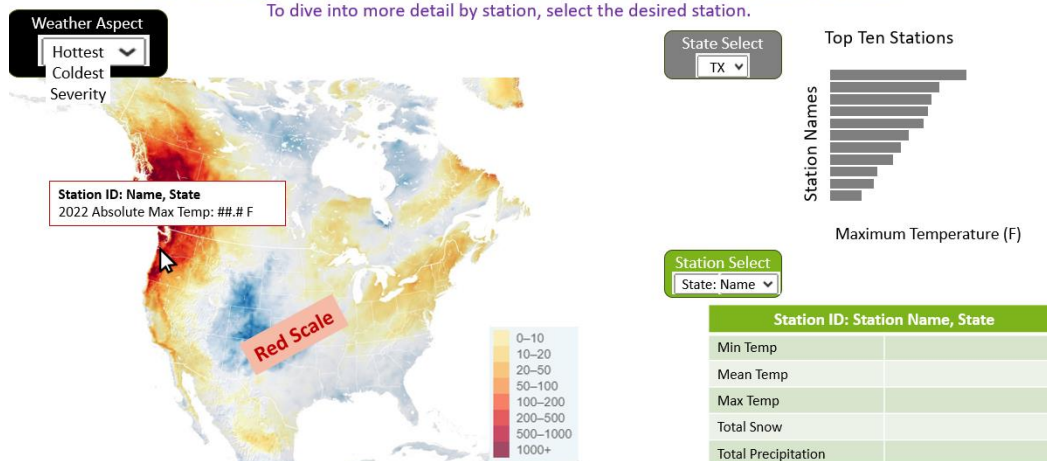
Visuals: Technology

Weather to Go There? A brief look at 2022 weather in the U.S.

Select the weather aspect you want to review. Hover over the map to see specific values by weather station.

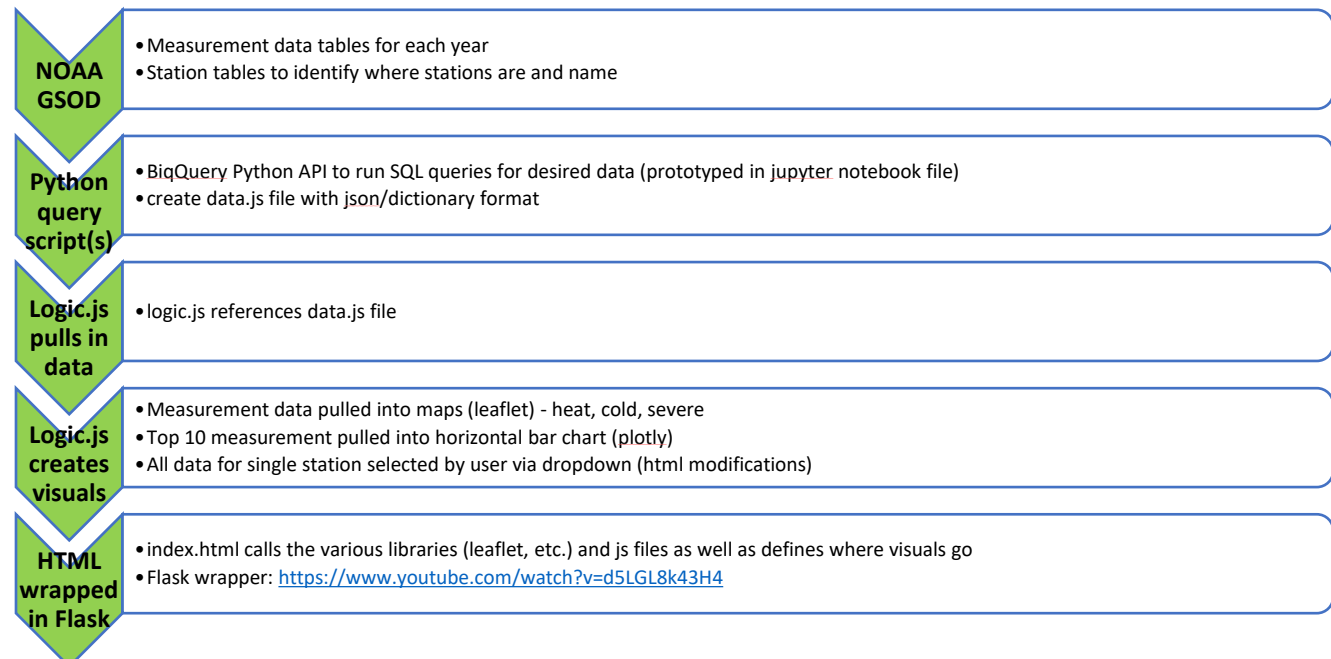
The Top Ten Stations chart will adapt based on the chosen weather select and the state you choose.

To dive into more detail by station, select the desired station.



1. Heatmap map of the U.S.: Leaflet, D3
2. Horizontal bar chart with State drop down: Plotly, D3
3. Station Details & Dropdown: HTML, JavaScript, D3

Data Flow:



GitHub link: <https://github.com/TechMax14/Project-3.git>