Project Zephyrus
a VR Interactive Weather Visualization

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The Data

Data Sources and Processing
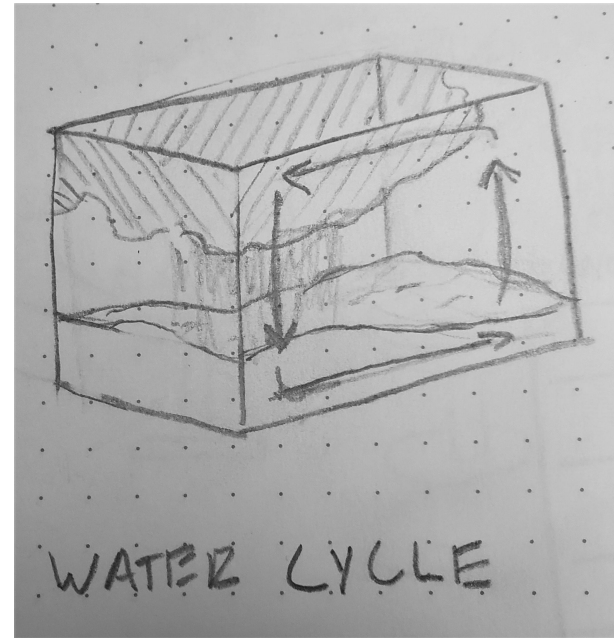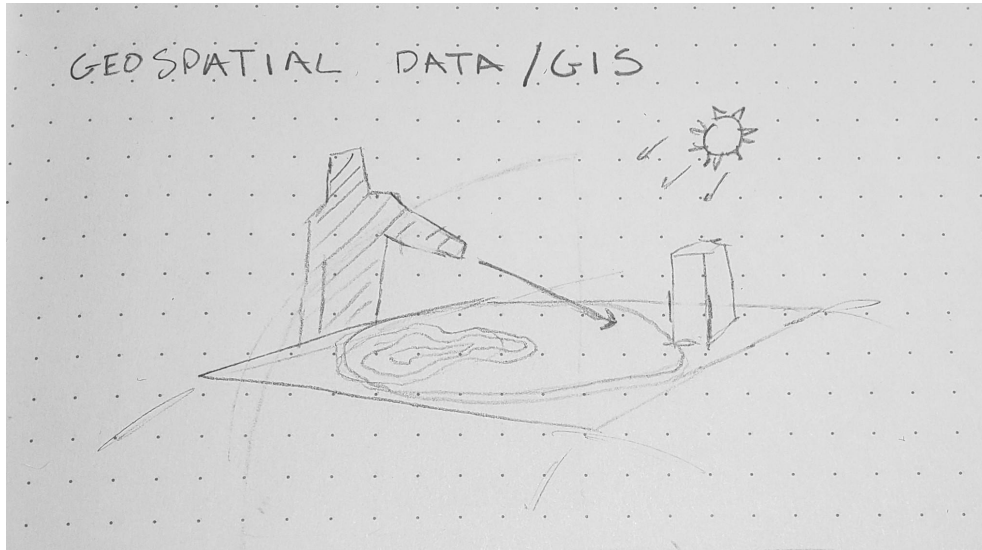
- NOMADS Data Server
- Wgrib2 (processing)
- Compact csv files

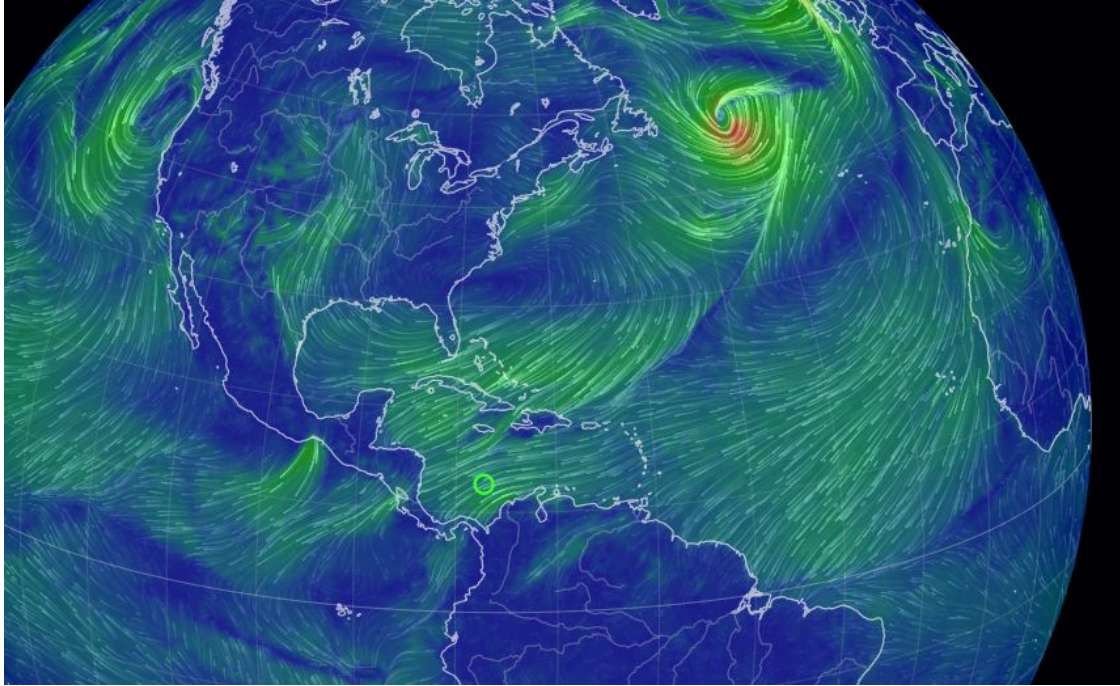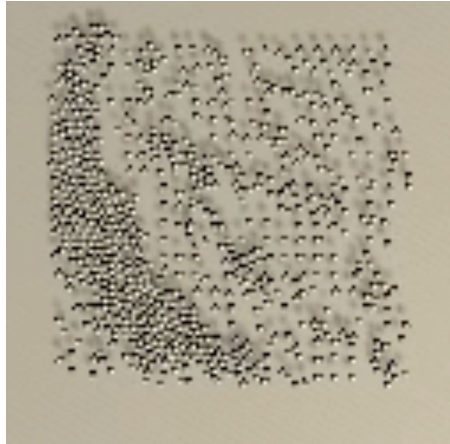# Creating Airflow Display Model

Initial Sketches

Inspiration
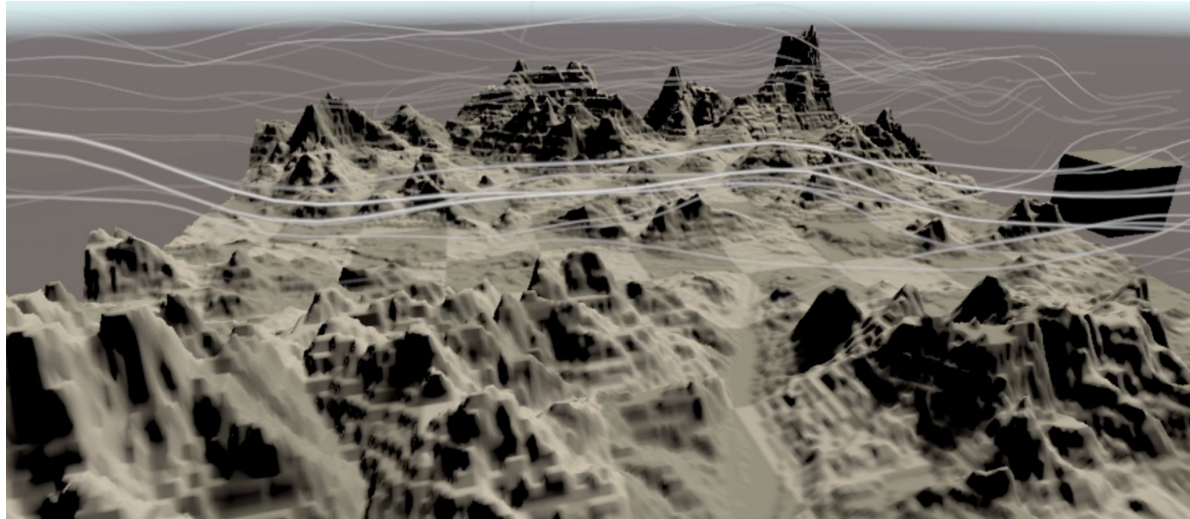

earth.nullschool.net

Initial Diorama Model
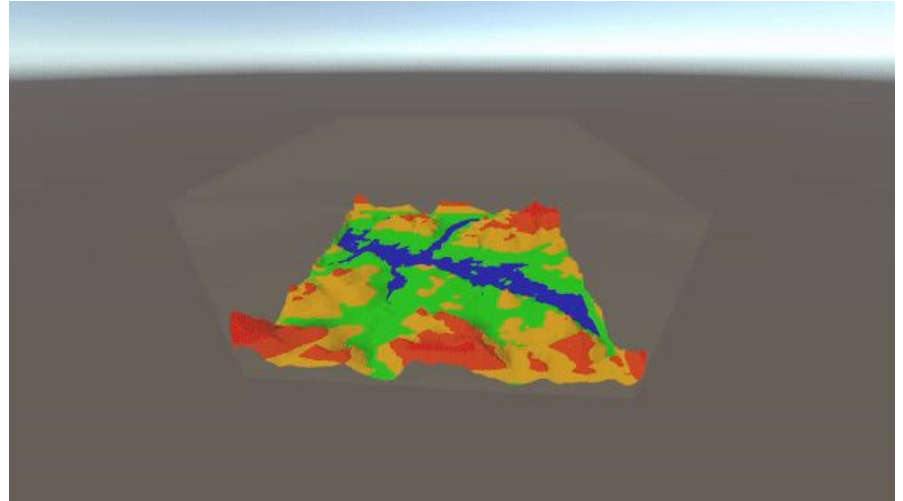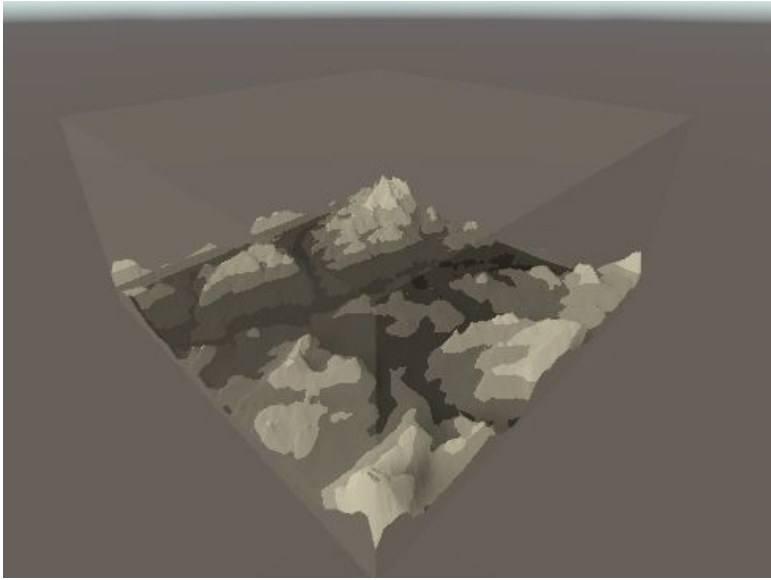
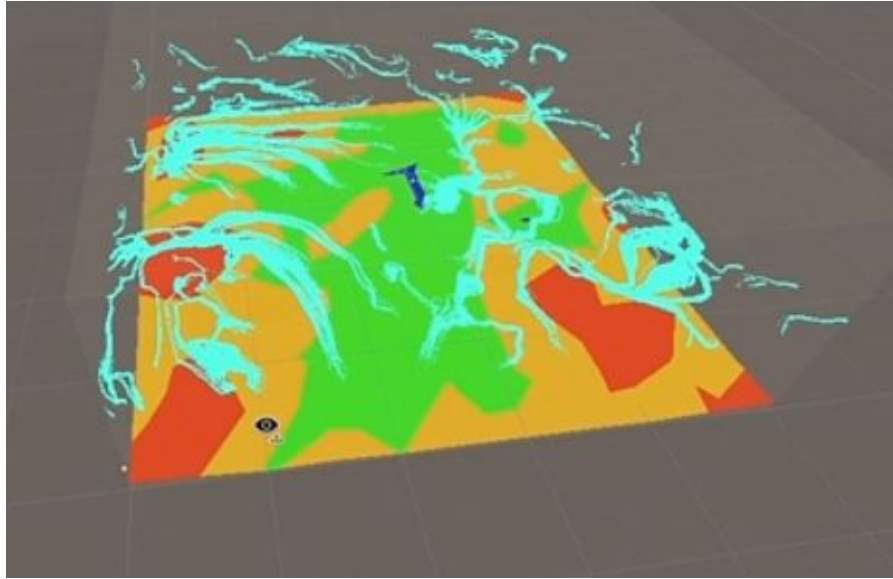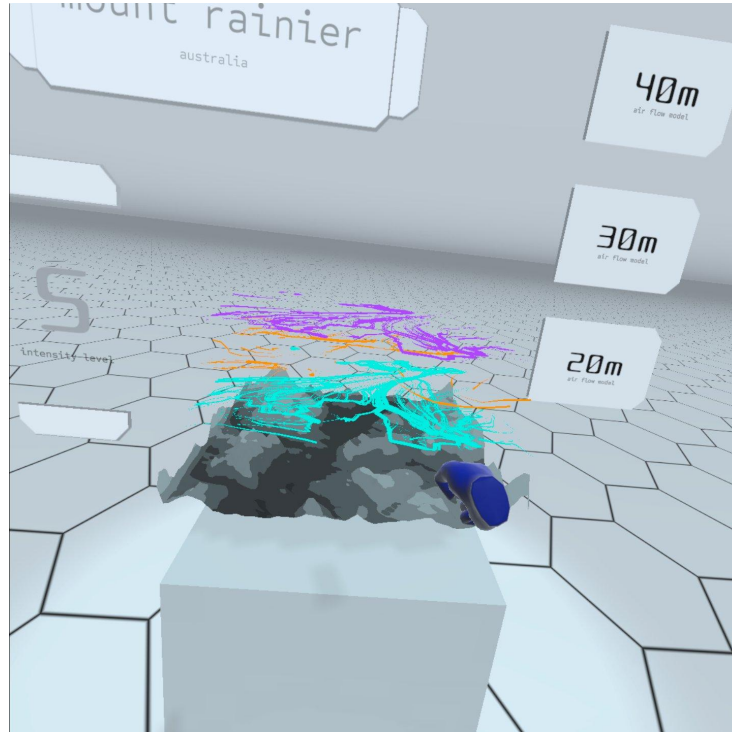# Initial Air Flow Modelling

Initial Terrain Model with Air Currents

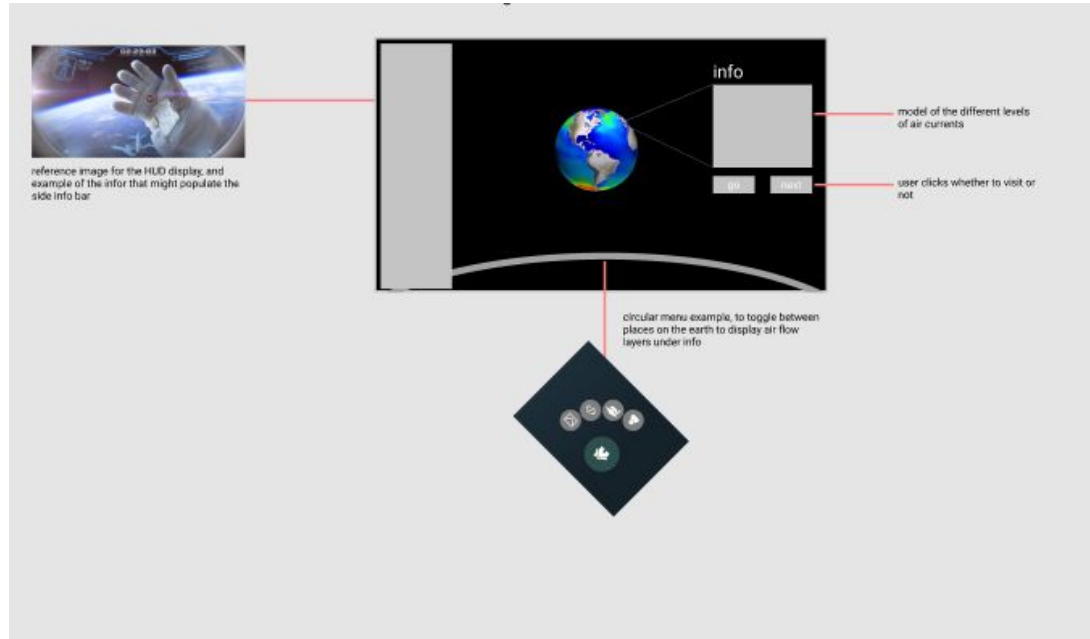# Terrain Model With Height Map + Air Currents
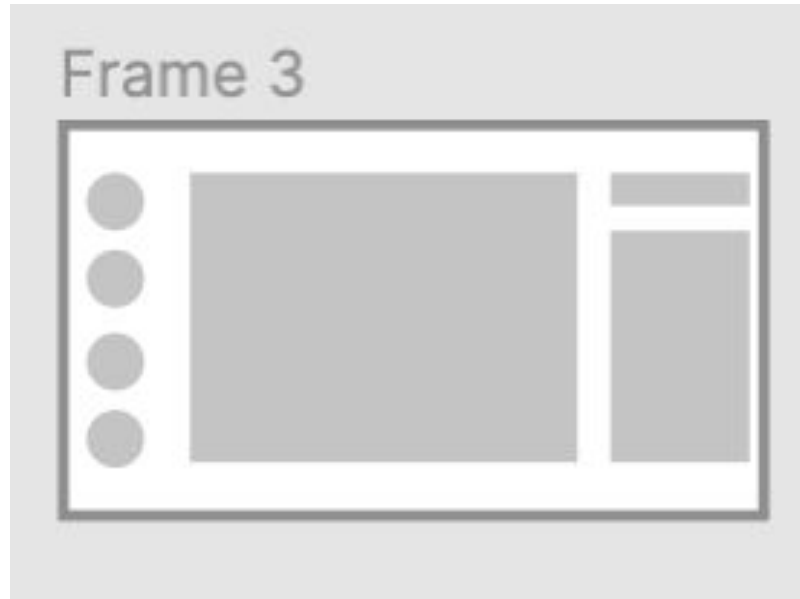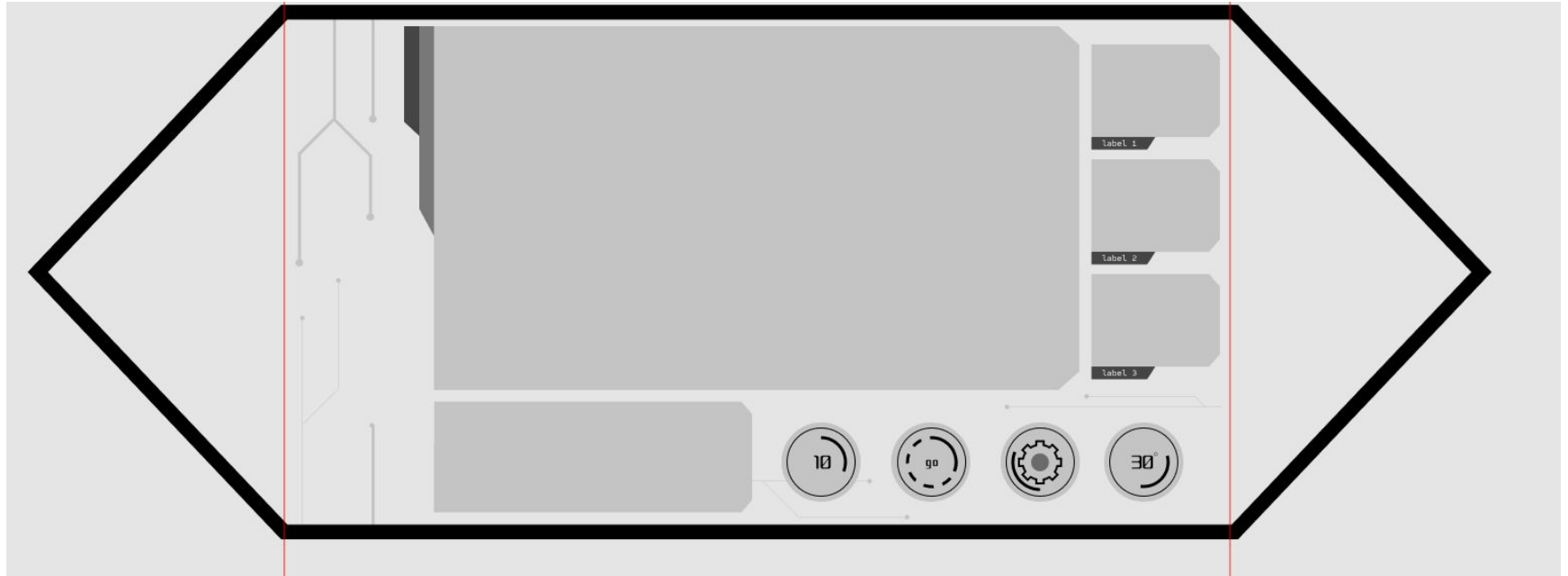
Final Diorama Model
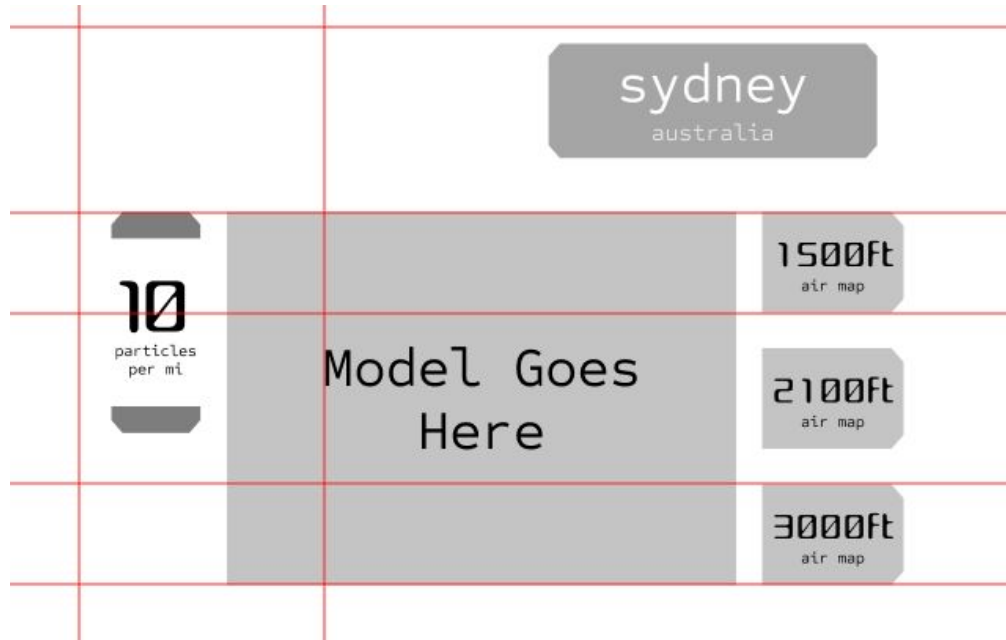
Making the UI

Initial Concept

Initial Iteration of the UI

Grayscale HI-FI V1

Grayscale HI-FI V2

On Boarding

On Boarding Initial

Model Goes
Here

Buttons Menu

Here it will
display the
airflow model.

On Boarding Grayscale

Just an FYI

Hello Explorer. Before getting started exploring air maps of planet Earth, you just need to know a few things. Point and click the right hexagon to get started.

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Final UI + On Boarding