IDEAS Australian Bushfires

all time

arge records
- lots of Data
would have
lots of Visuals
Data too big
for design project

2009 - Black Saturday
- limited Area for data, mostly one State of Australia,
- Data would focus on whether events and would be more words than graphs.

2019/2020 Black Summ
- Area for data is all of Austra
- Records appear to be accessable.
- Smaller data points

Areas of Visuals.
1. Extent + Severity of Brunt Areas
   - on map of whole of Australia
2. show where the fires were through the Season, changing by month.
- Impact by state, Enviromental
- Human impact, population, houses
- wild life loss
- Temp + Rain fall
- exact damages to state forests.

FILTER

CATEGORIZE

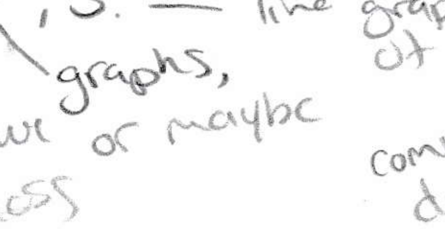
Data Sources
- GEEBAM (Google earth Engine Brunt area map)
- Modis Active Fire data (NASA firms)
- ABS population density
- Australian Bureau of Meteorology (BOM).

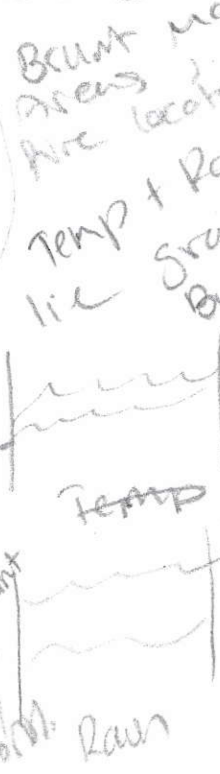
COMBINE + REFINE

1, 2, 4, 5. — line graphs of data comparing dates.
maps Australia
graphs, or maybe
wild life loss

Brunt maps areas, fire location
Temp + Rain line graphs by month, to show passage of time

- actual concret data
- estimation
- brunt area
- changing with time
- fire locations
- sliders by month
- concret Data for month by month



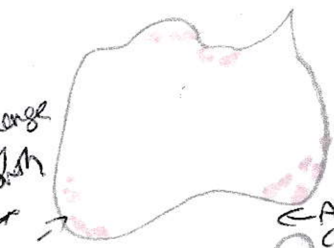


- actual
- expected
Total burned area, as large

- actual
- expected
areas burned on whole ...

Summary:
Author: Arne
Date: 21/10/25
Sheet nb. 3
Task: Creat timeline of bushfires.
Title: Black Summer Bushfires

LAYOUT



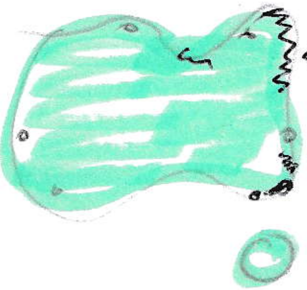
TITLES

customizable by Sorter

explanation where data is from

Focus

Maps / Bush fire damage.

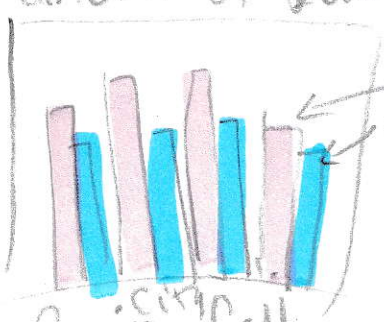


Brunt area map.

Pros / cons
- hard to compare temp / rain by month, coding would be interesting. green on red looks striking

month temps of city across period

amount of Rain



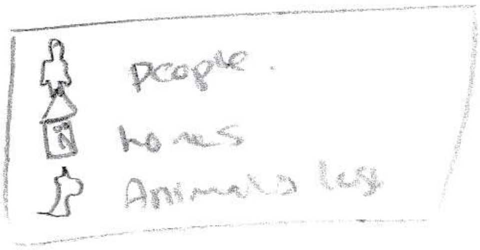
filter by city can select which city to view

small outlines of animals, people and housing to show

explanation with links to data company.

Components

filter by month only. see the line, and filter to change Rain of city.



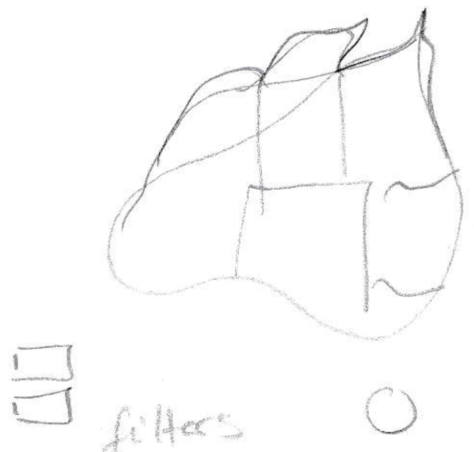
LAYOUT

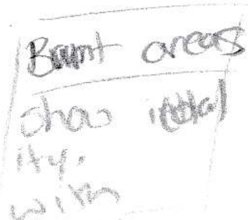
focus

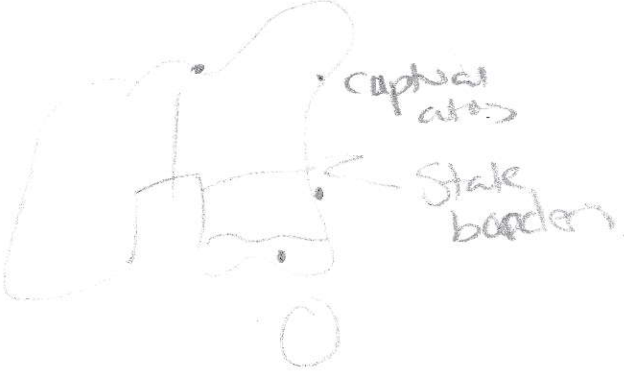
Maps of Australias showing areas.

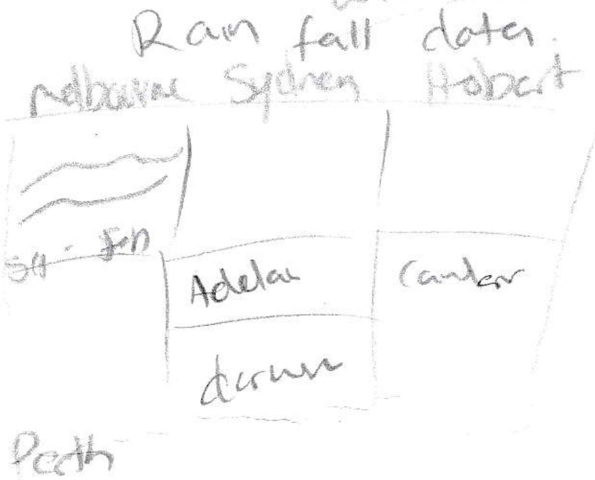
Summary.
Author: Anne Cosson
Date: 21/10/25.
Sheet nb: 2.
Task: creative of bushfire

explanation of Data and accuracy.









components

- filter on fire map.
- Two maps
- graphs of Temperature and Rain fall.

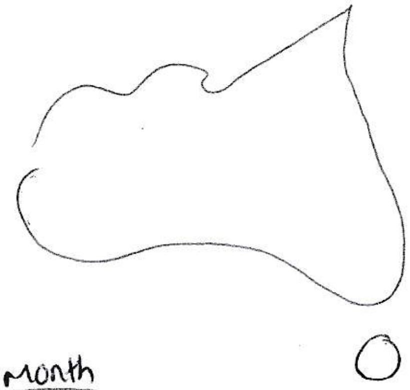
Pro/Cons

Simple design, dosen't lead reader to keep reading, needs more information,
the filter per month and day works well, makes it easier to see how the fires changed.

LAYOUT

TITLE: 2019/2020 Black Sumer Bushfires.

Summary
Author: Arne
Date: 21/10
Sheet nb. 4
Task: Creat accurate timeline
Title Black Summe bush fires



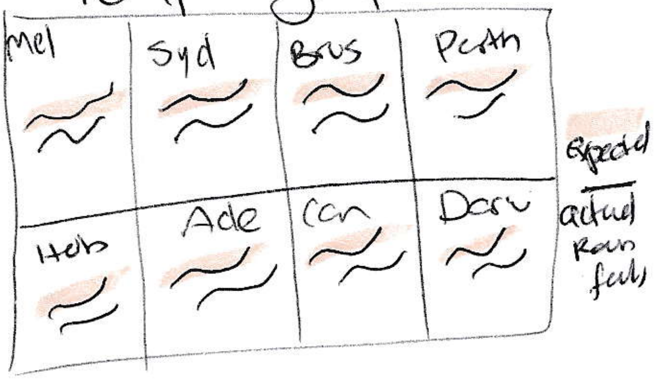
· colour
· coded
· months.

explanation of events, where thus data is from.

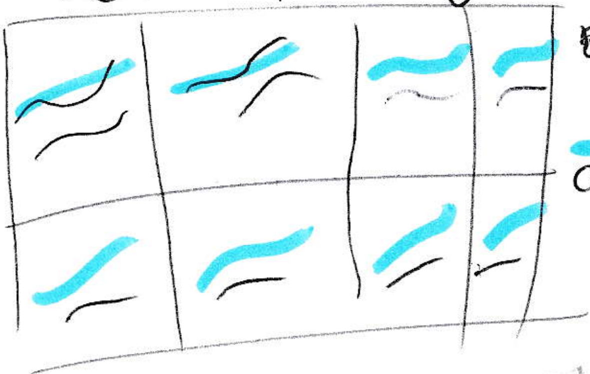
Month

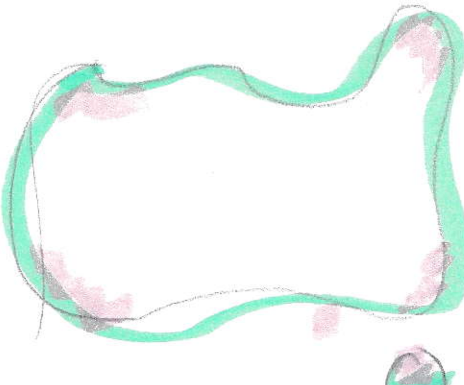
DAY

Temp graphs



Rain fall graphs.





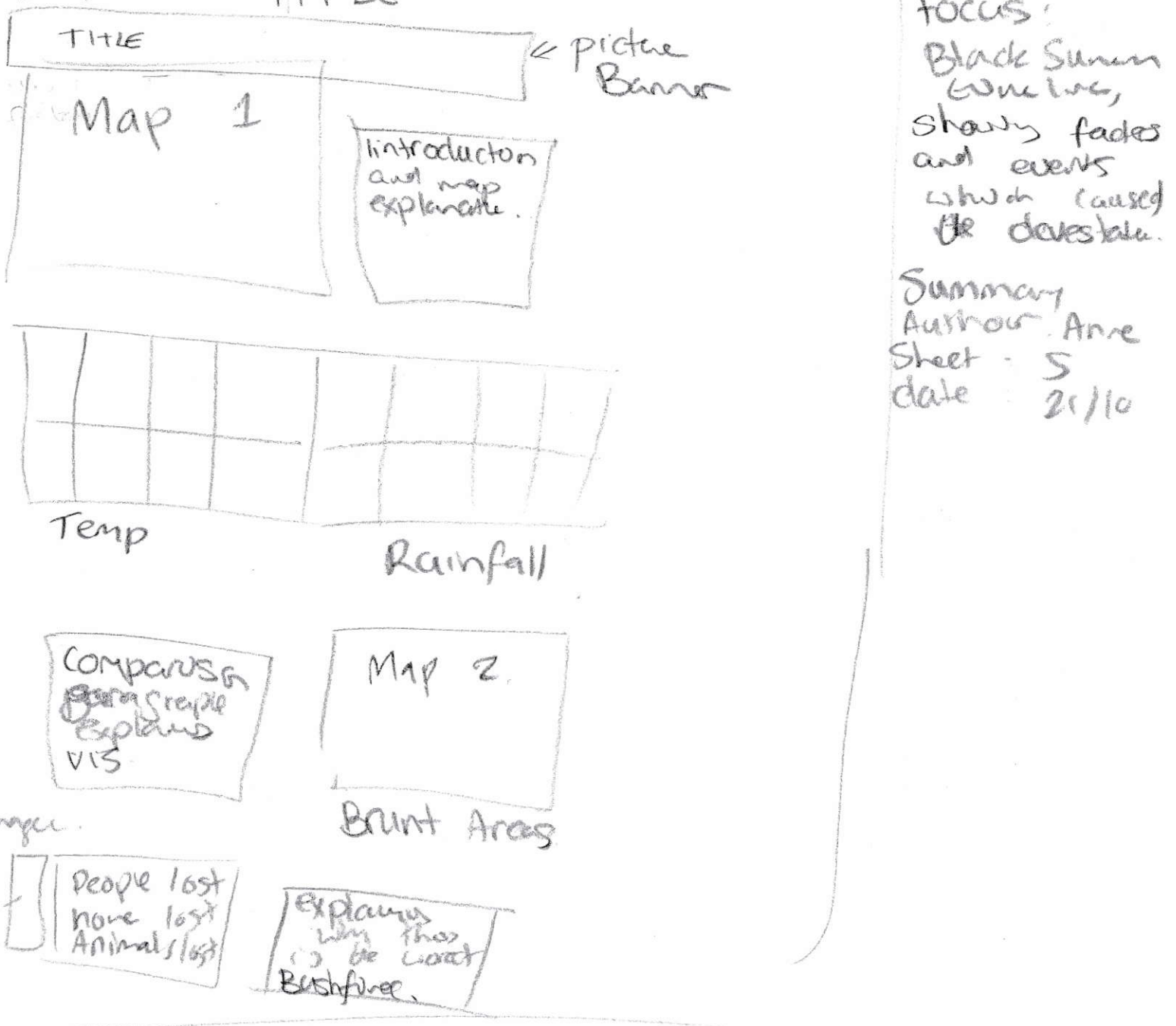
final Burnt Area map

explanation of Areas burnt, Temp graphs + Rain graphs

haves

homes lost
people lost
animals lost.

components
fullte for north and dar
· Pictua to really ephasis loss and damage.



focus:
Black Summer bushfires, showing fades and events which caused the devastation.

Summary
Author Anne
Sheet - 5
date 21/10

Detail.
- Get data on github
- make poly area image.json for vega.
- get tables for temp and Rainfall
- find images for damage stats.
- full paragraphs.

dependencies
are github, vega lite and Qgis