

Ideas for my Master Thesis

Gregor Steiner

02/25/2022

Idea

Exploit the 2021 heatwave on the North American west coast

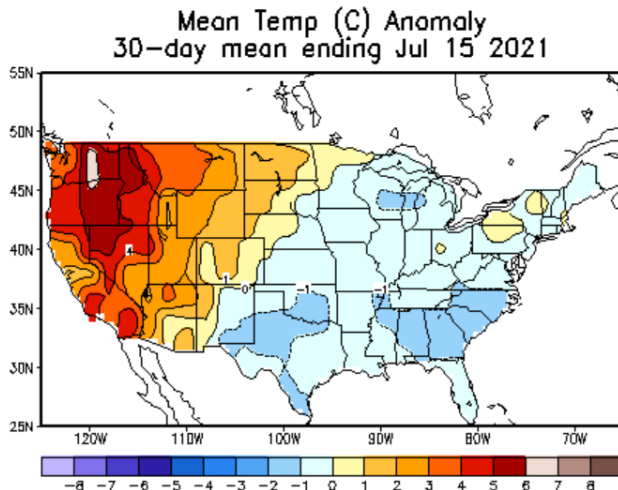


Figure 1: Temperature Anomalies in June/July 2021

Data for outcome

- ▶ Commuting data:
 - ▶ Detailed commuting data is available in the American Community Survey (ACS), but only yearly and only up to 2019
 - ▶ Maybe fuel consumption could be an alternative? That is available monthly from the EIA, but only for PADD regions
- ▶ Sick leave data:
 - ▶ Available by county and month from the Current Population Survey (CPS), but county is often missing
 - ▶ Easy access with the R package **cpsR**
- ▶ Crime Data:
 - ▶ Data of all recorded incidents (> 5 Mill.) in a given year is available here. This includes the exact date and state and county numbers. But most recent year is 2016.
 - ▶ More recent statistics are available for some major cities (e.g. New York, Portland)