

1. Intro
  - a. Name, background, etc
2. What I was asked to look at and how I looked at it
3. Daily Temperature – scatterplot
  - a. Since 2000, there has been higher than average outliers
4. Temperature by decade – violin plot
  - a. 2000's were hot
  - b. Average temperature has increased decade over decade – look at 90 degree threshold
5. Normalized temperature
  - a. Shows the range of temperatures normalized down to a scale
  - b. The numbers on the y-axis signify standard deviation
  - c. Less variation is good
6. Precipitation – scatterplot
  - a. Since 2000, increase in outliers
    - i. 6 instances > 6 inches, previous 5 decades had 0 instances > 6 inches
7. Normalized precipitation
  - a. Huge swings since 2000
8. Snowfall – scatterplot
  - a. More snow frequency pre-2000
  - b. Massive snowfall in 2021
9. Normalized snowfall
  - a. More patterns in pre-2000, no pattern in post-2000
  - b. We want patterns showing decrease in variation