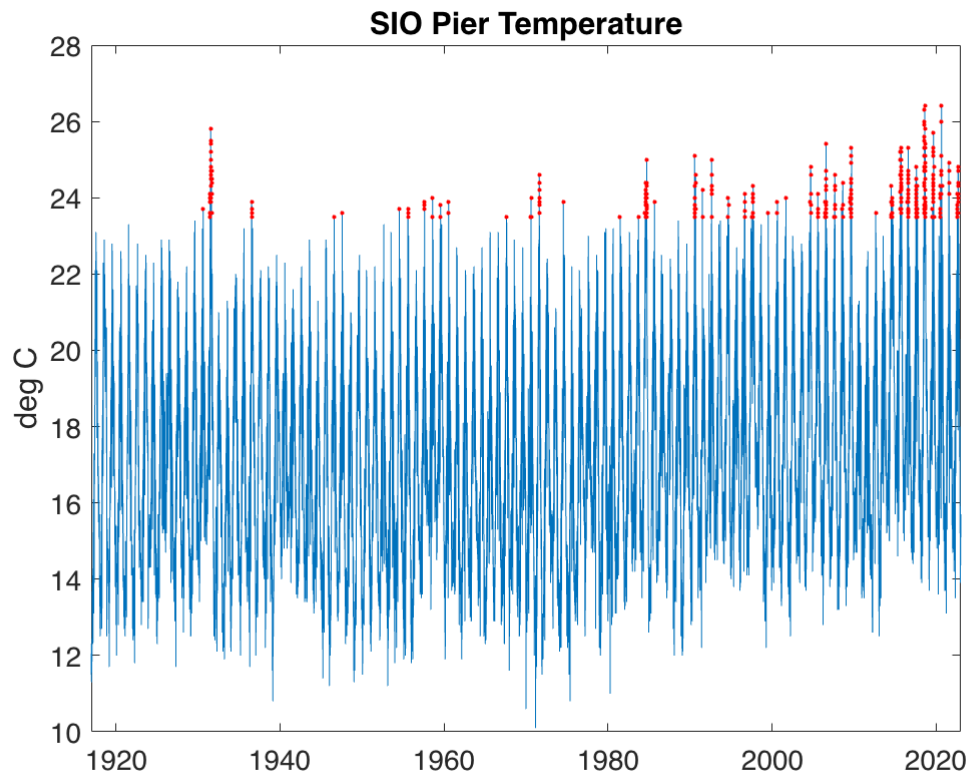
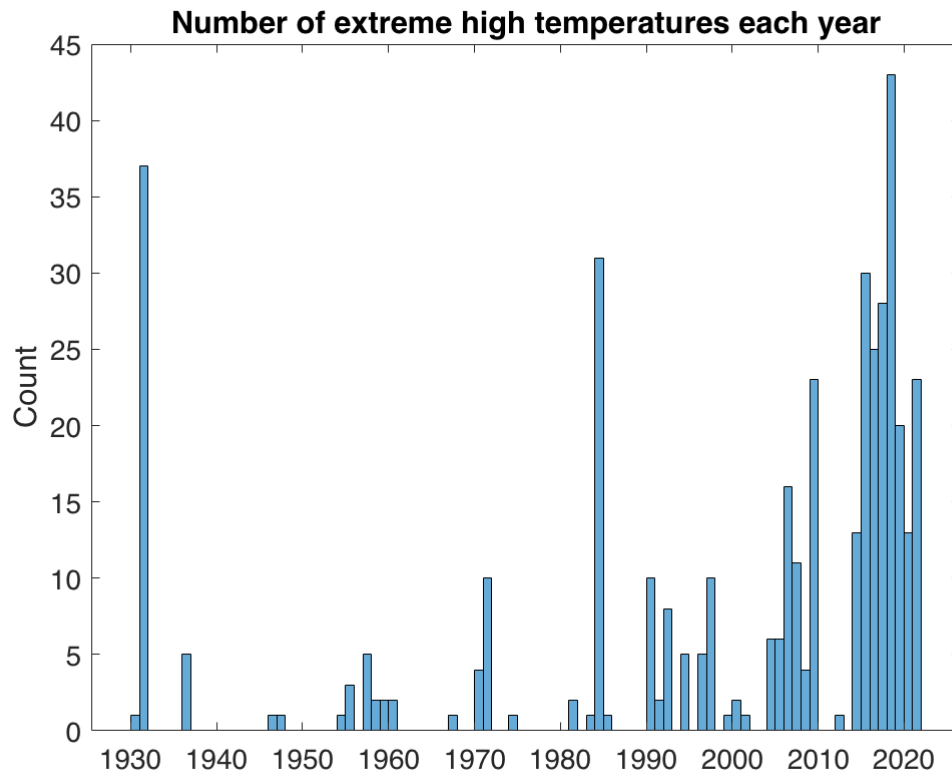


## Assignment 1 - Scripps Pier Temperature

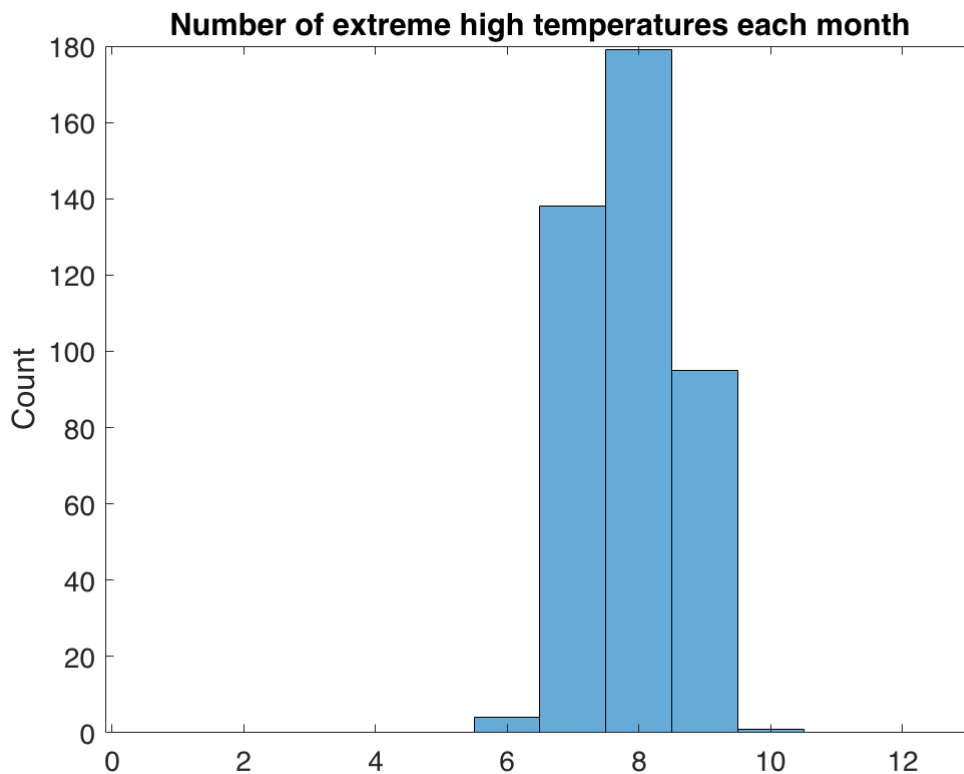
**Figure 1. Plot of SIO Pier temperature, with extreme high values (> 99th percentile of entire record) indicated in red**



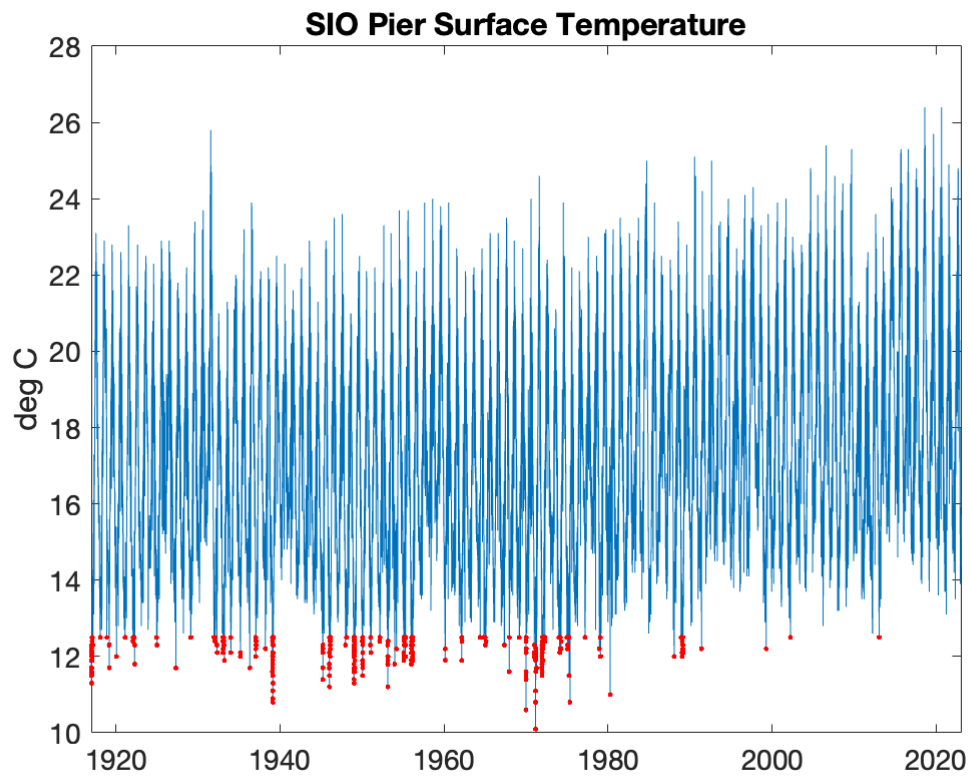
**Figure 2. Histogram of year of high values**



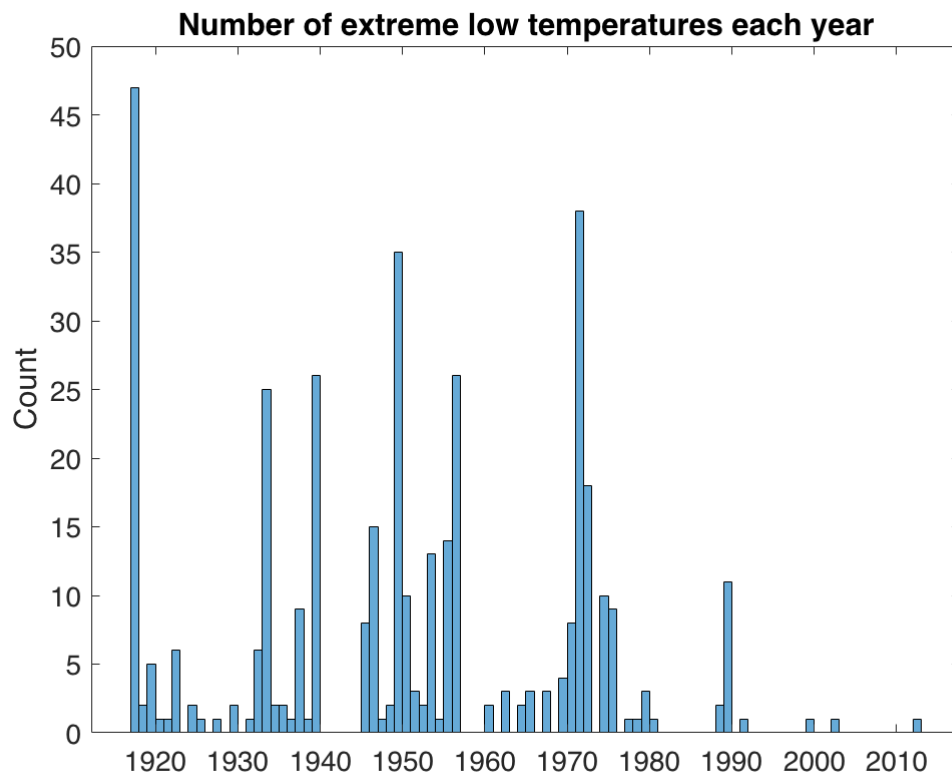
**Figure 3. Histogram of month of high values**



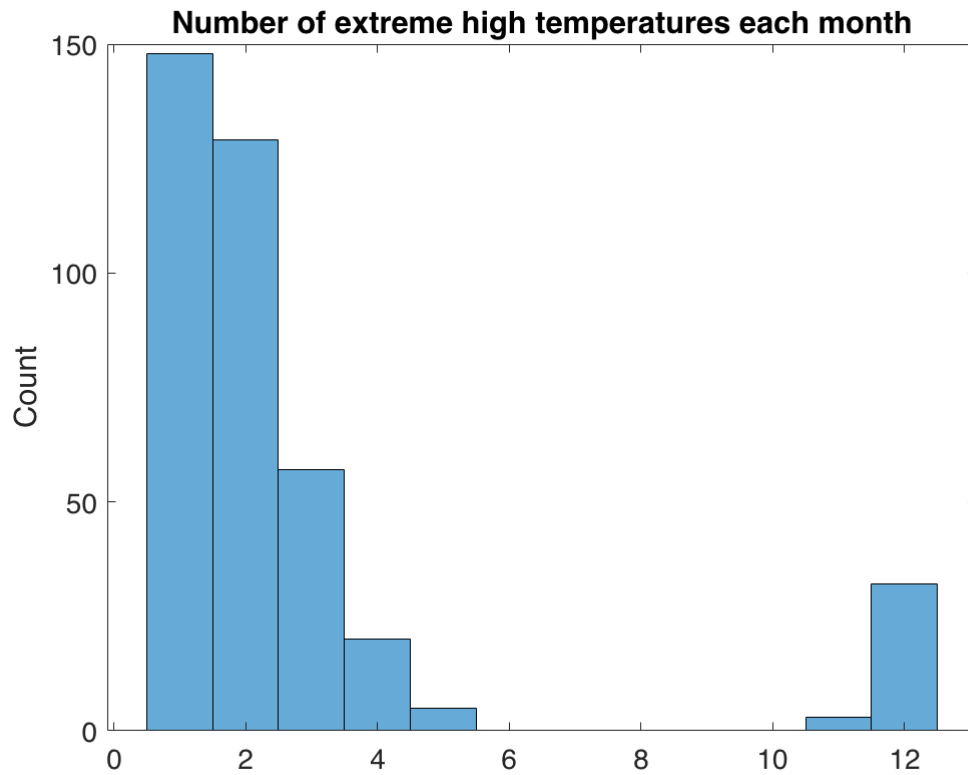
**Figure 4. Plot of SIO Pier temperature, with extreme low values (< 1 percentile of entire record) indicated in red**



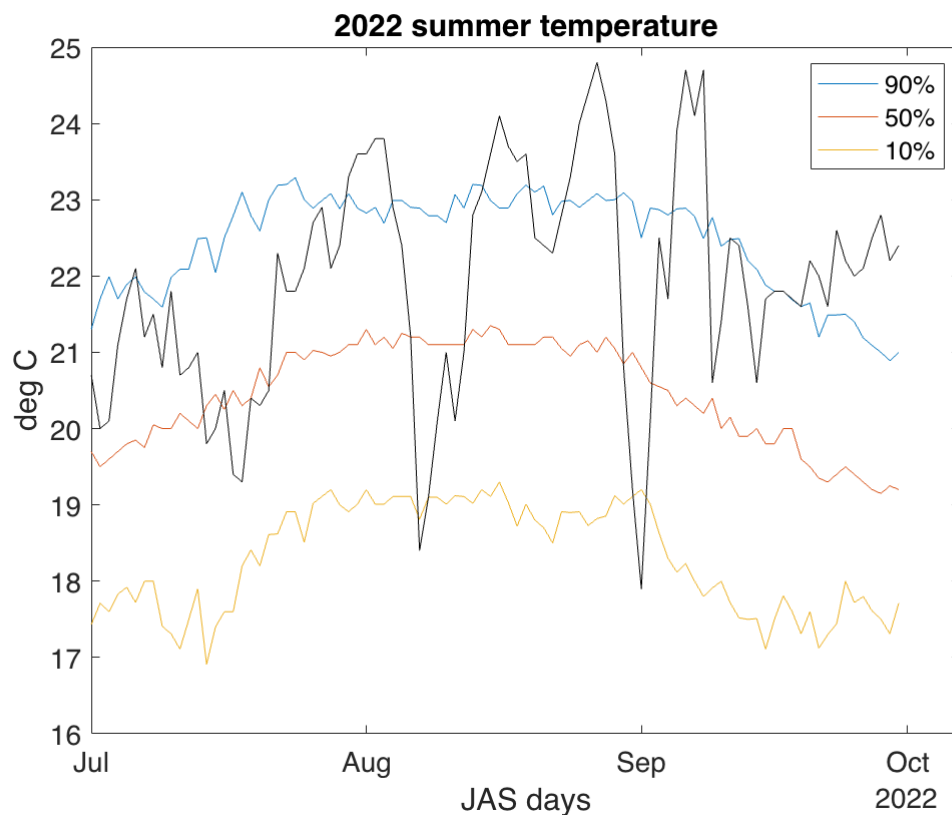
**Figure 5. Histogram of year of low values**



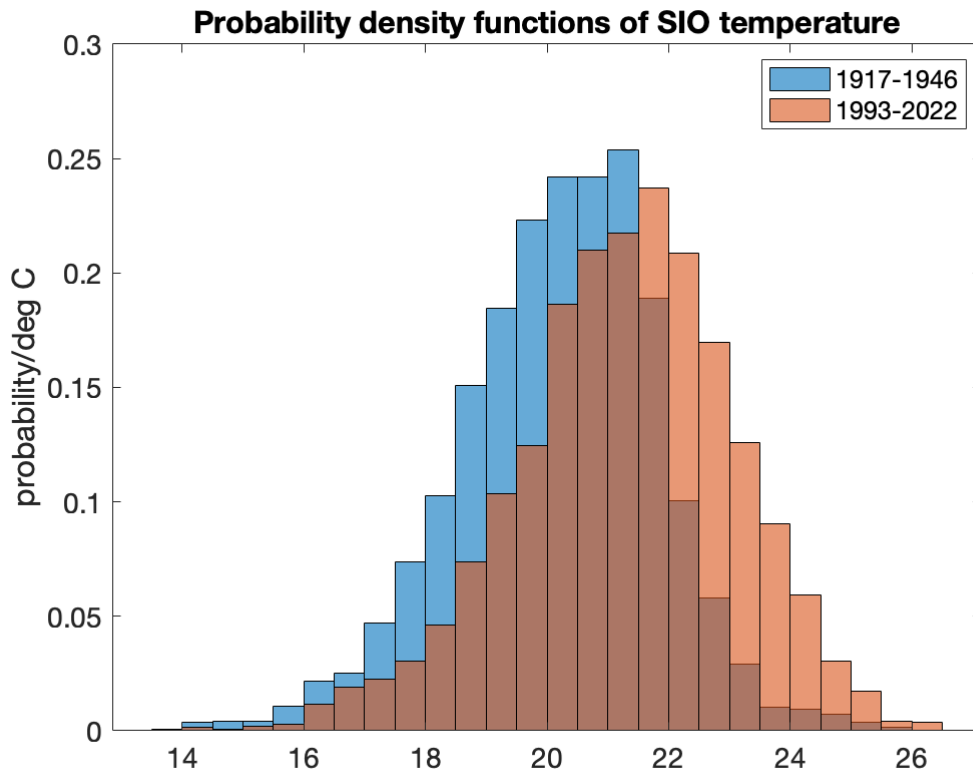
**Figure 6. Histogram of month of low values**



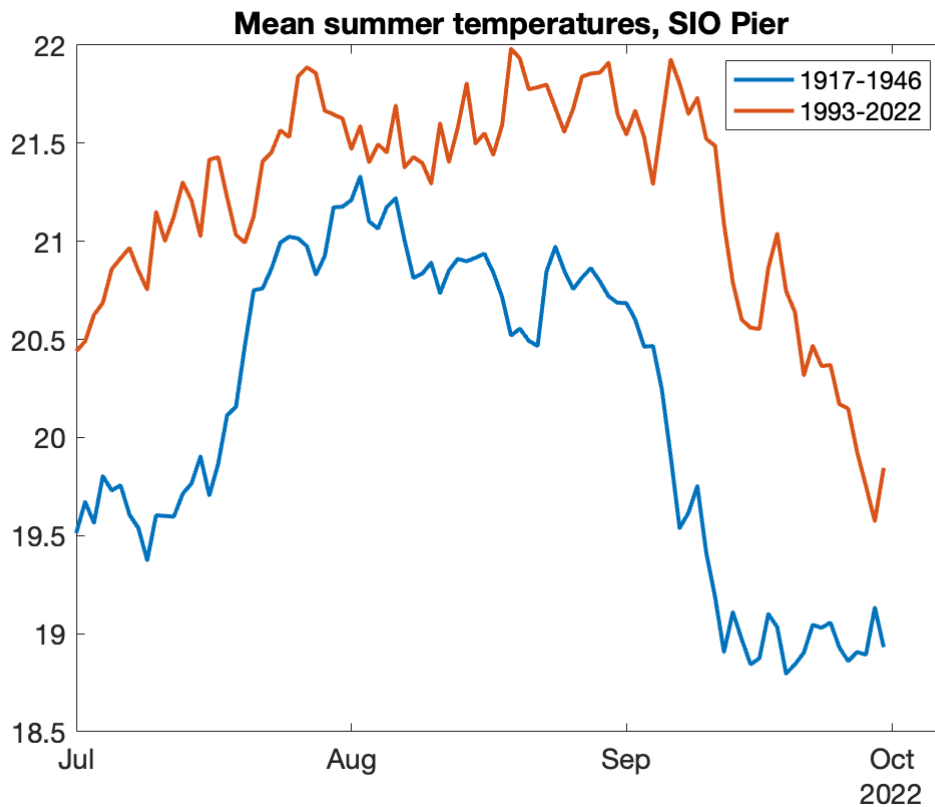
## 7. JAS summer temperatures during 2022, with 10th, 50th, and 90th percentiles



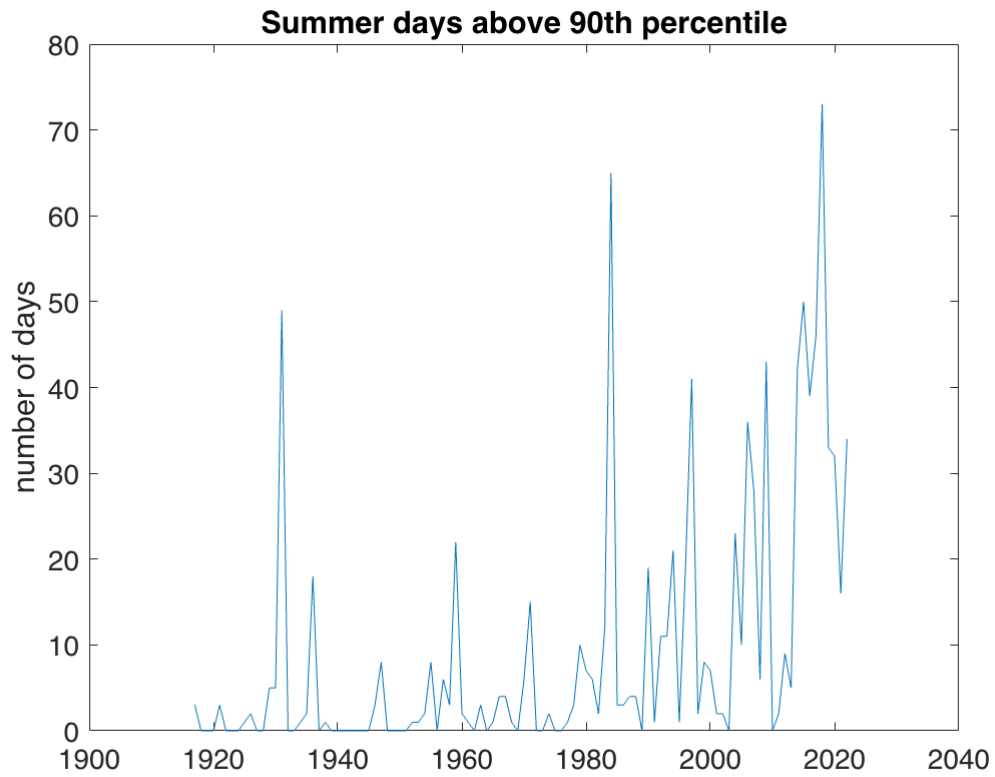
## 8) Histograms of temperature during first 30 and last 30 years



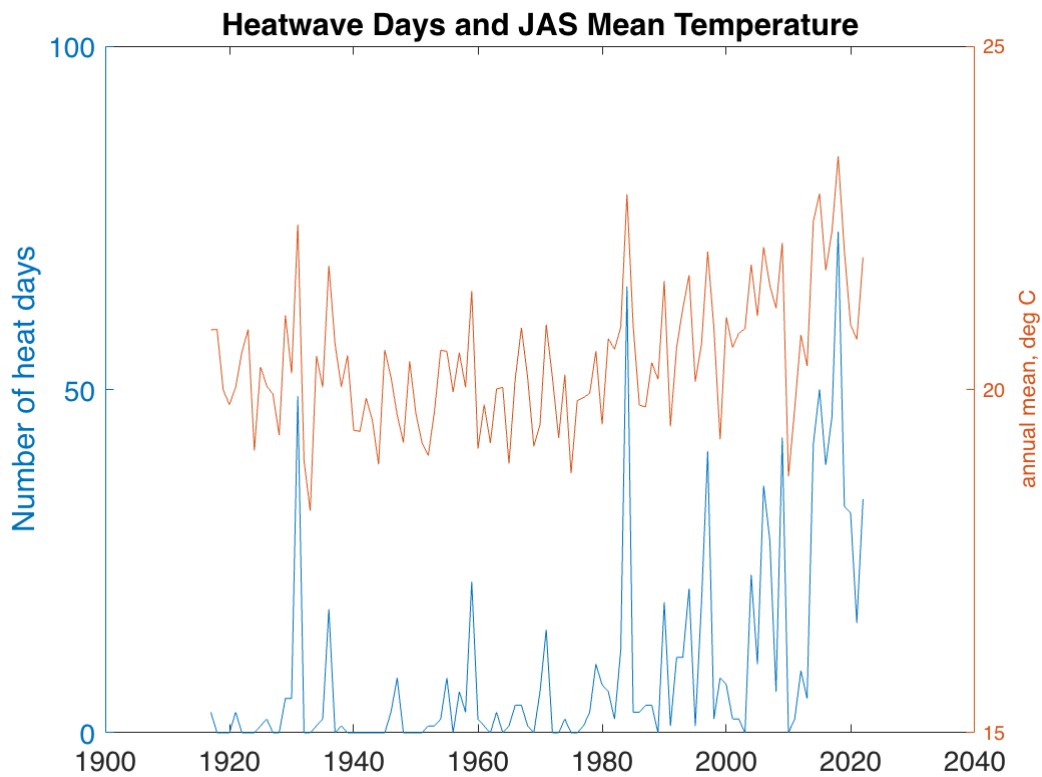
**9) Time series of average JAS summer temperatures during first 30 and last 30 years**



**10) Number of JAS days above the 90th percentile**



**11) Time series plot of mean JAS temperature and heat wave days**



**12) Scatter plot of mean JAS temperature vs heat wave days**

**Mean JAS temperature vs Heatwave days**

