

Assignment 1 - Scripps Pier Temperature

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

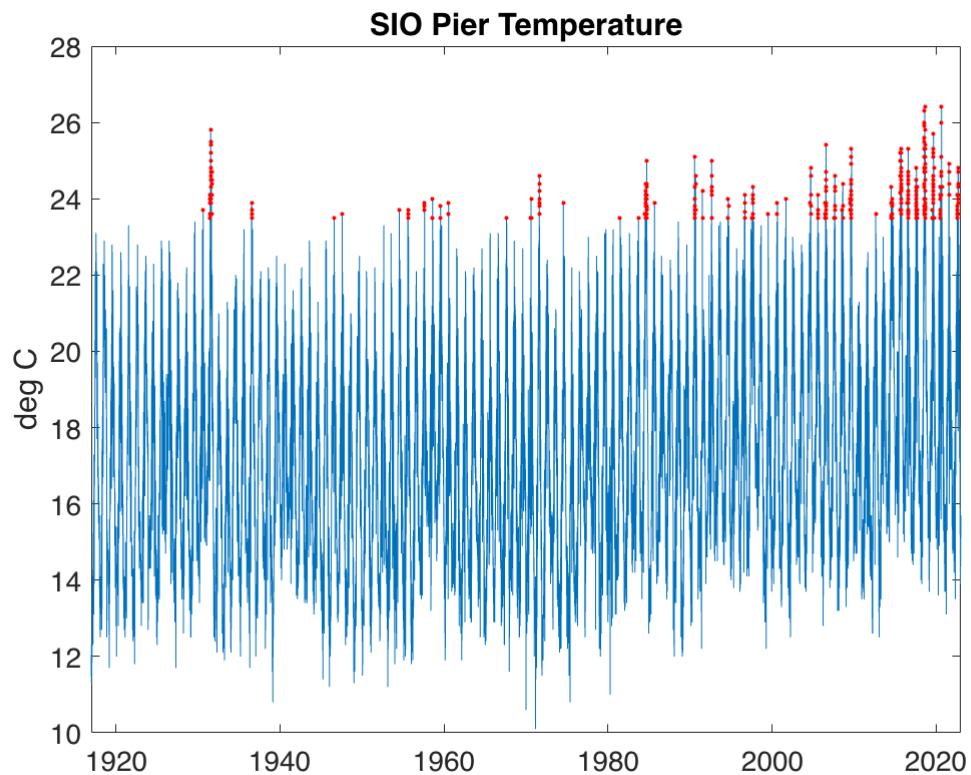


Figure 2. Histogram of year of high values

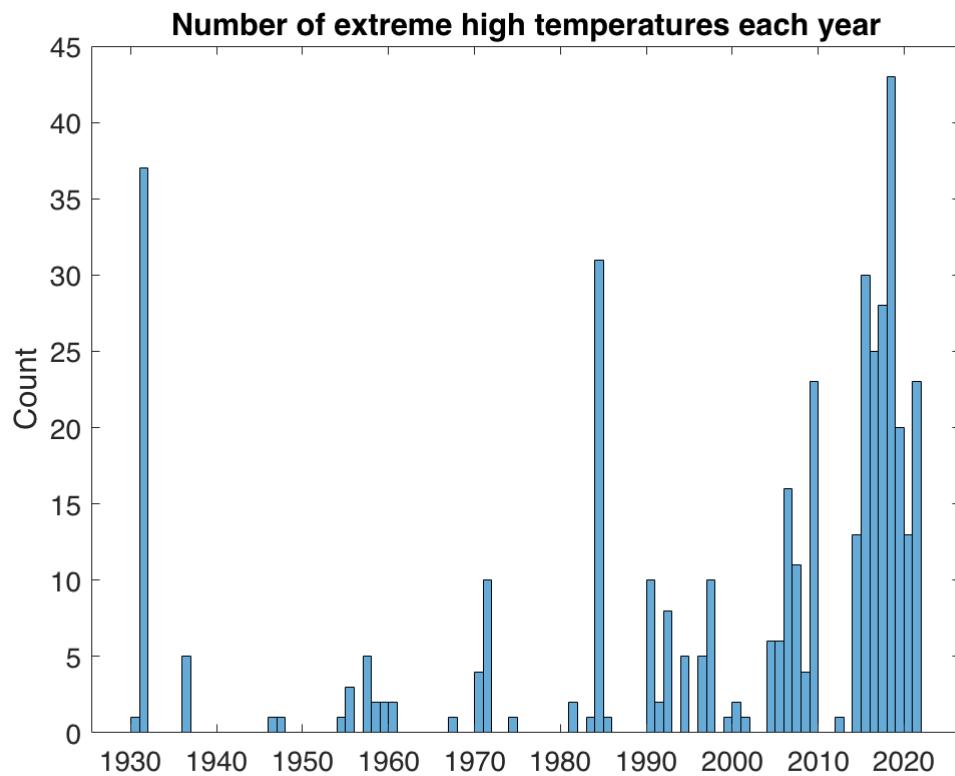


Figure 3. Histogram of month of high values

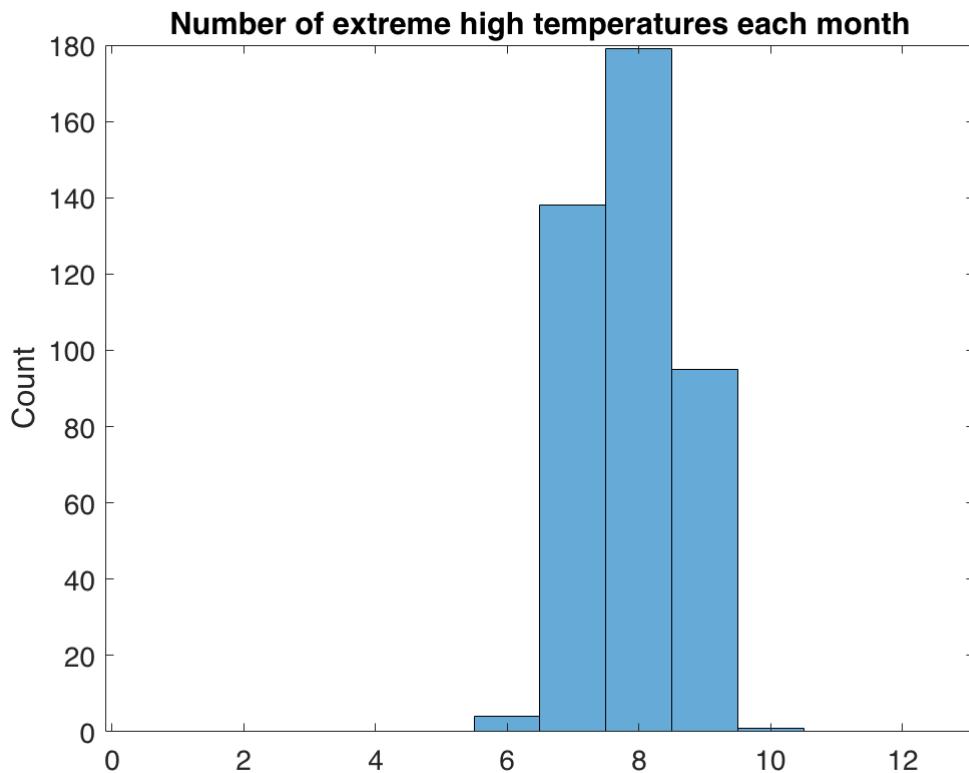


Figure 4. Plot of SIO Pier temperature, with extreme low values (< 1 percentile of entire record) indicated in red

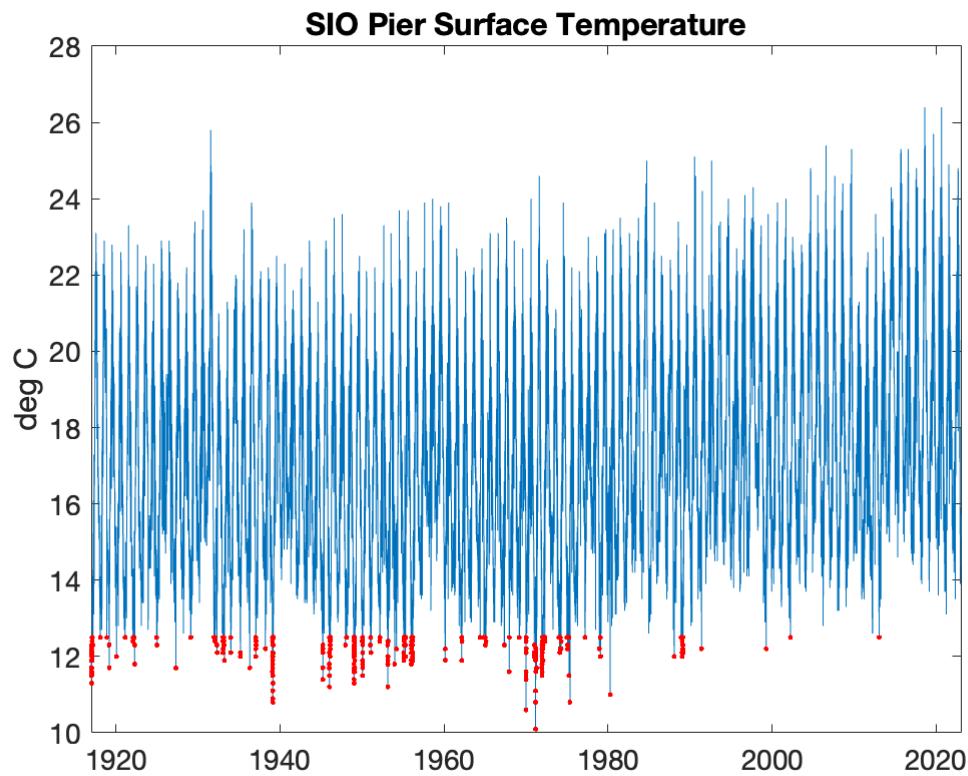


Figure 5. Histogram of year of low values

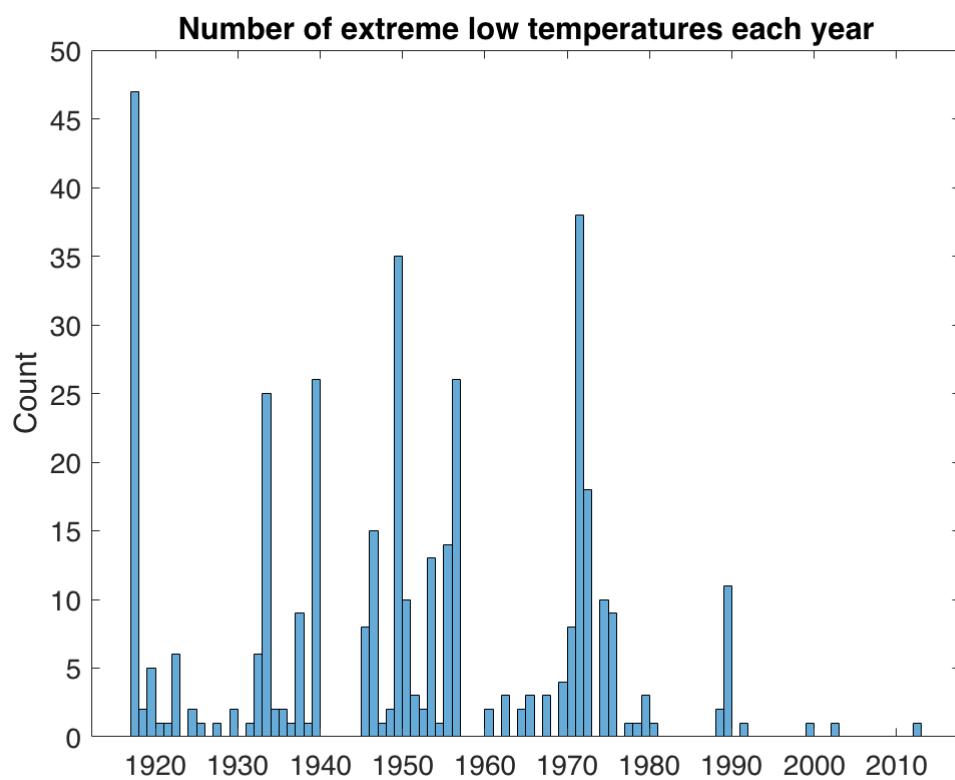
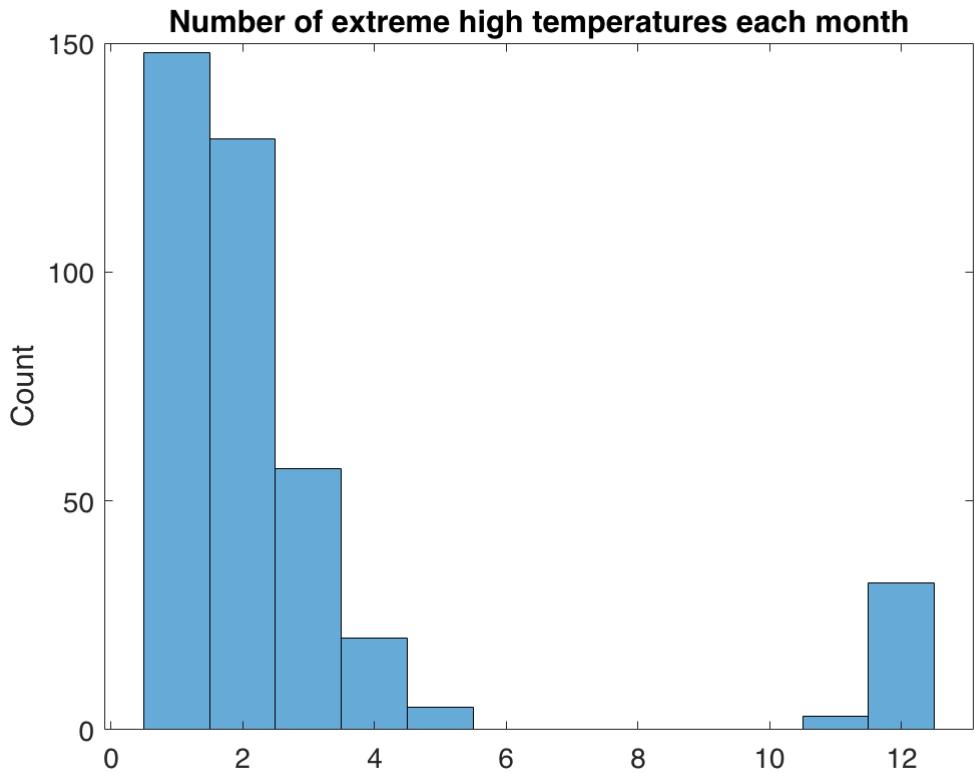
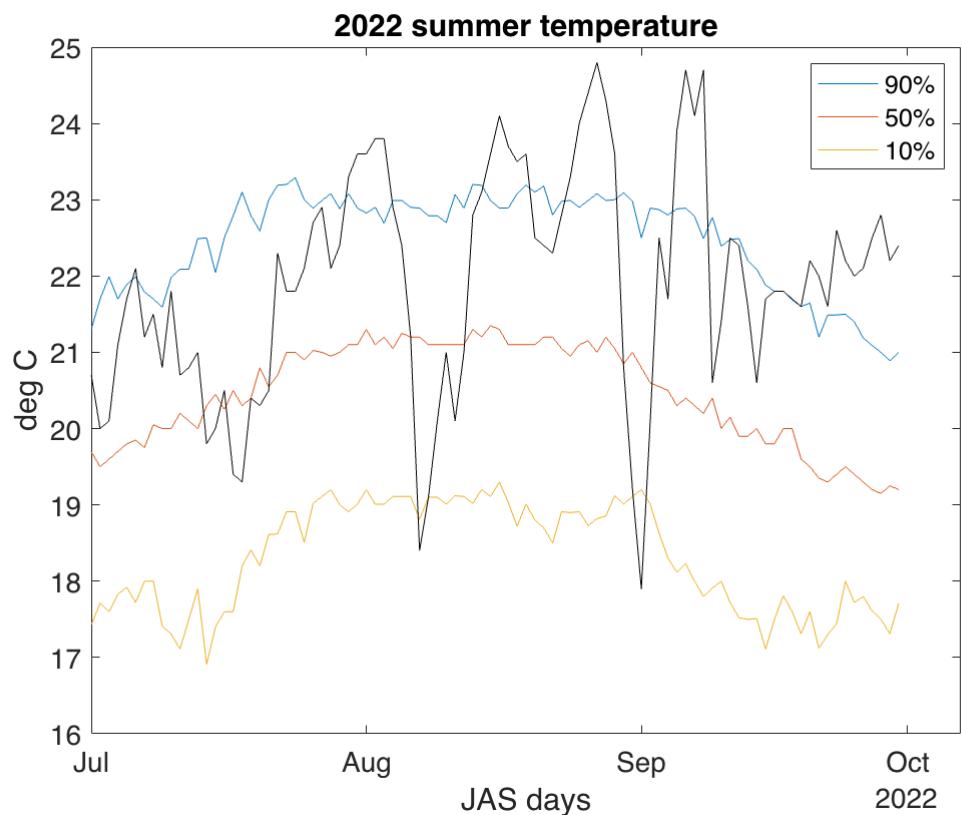


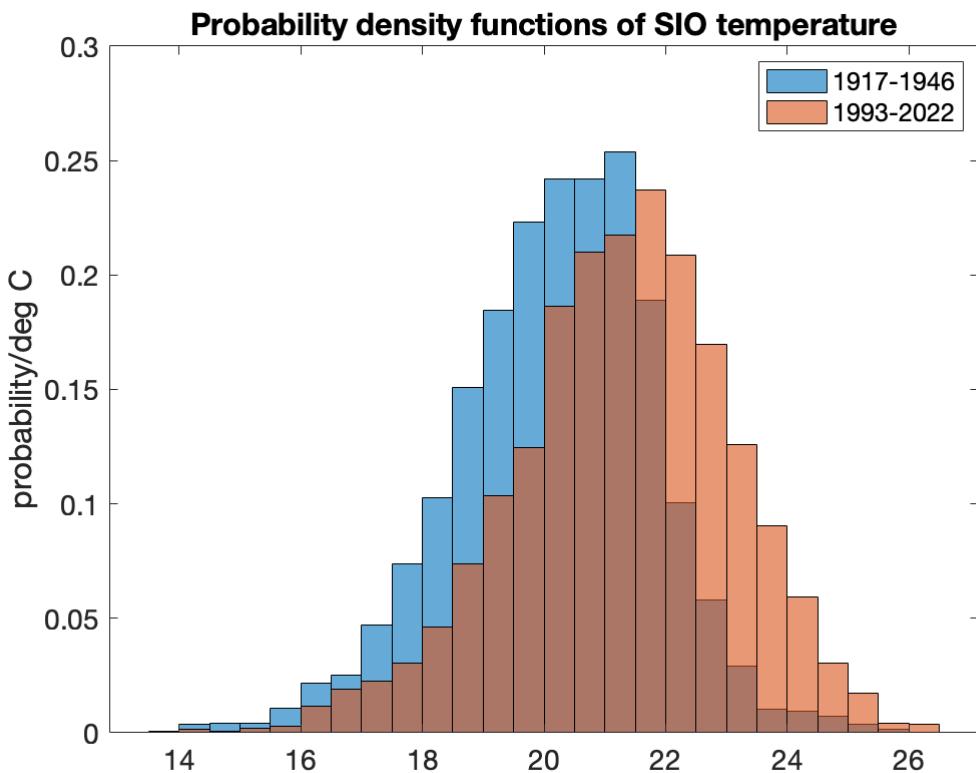
Figure 6. Histogram of month of low values



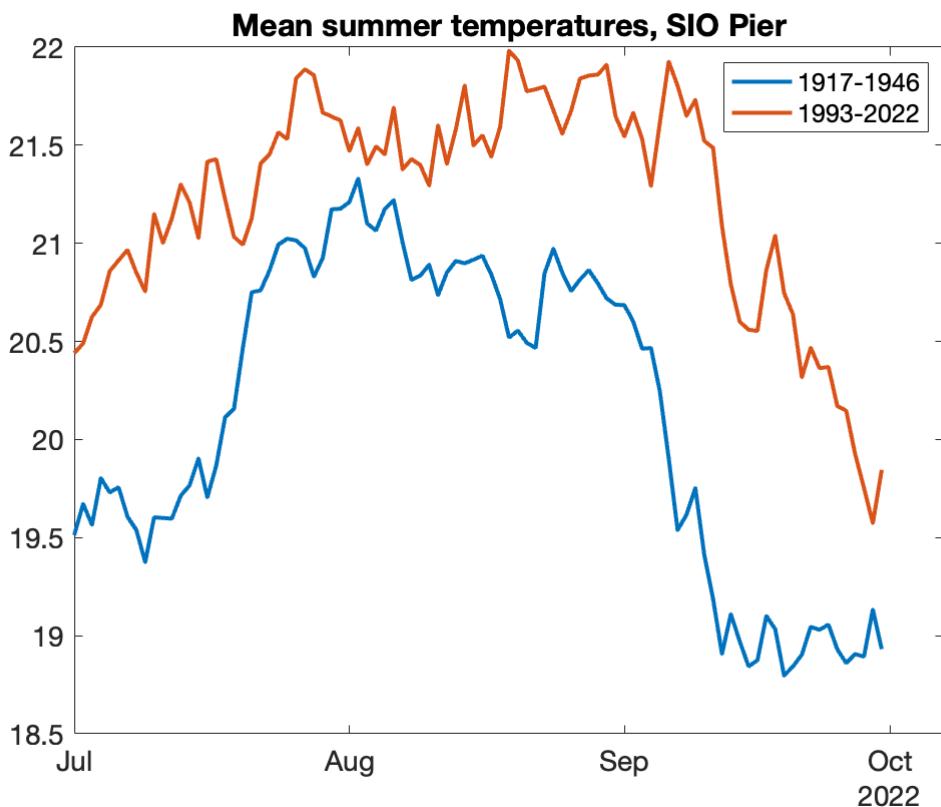
7. JAS summer temperatures during 2022, with 10th, 50th, and 90th percentiles



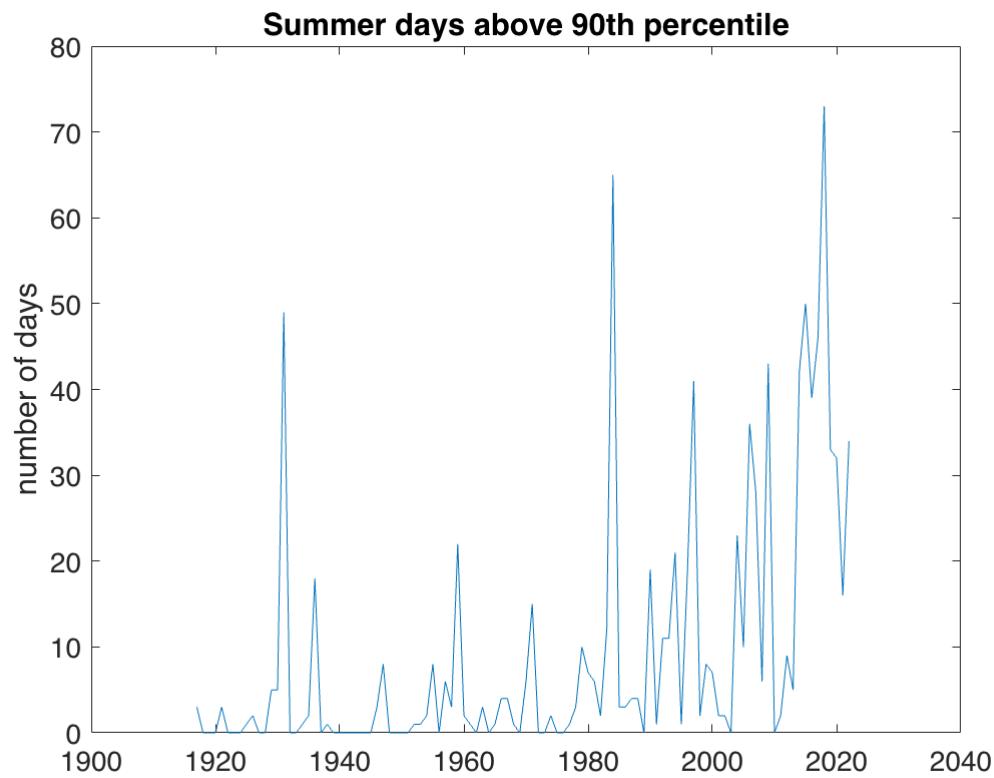
8) Histograms of temperature during first 30 and last 30 years



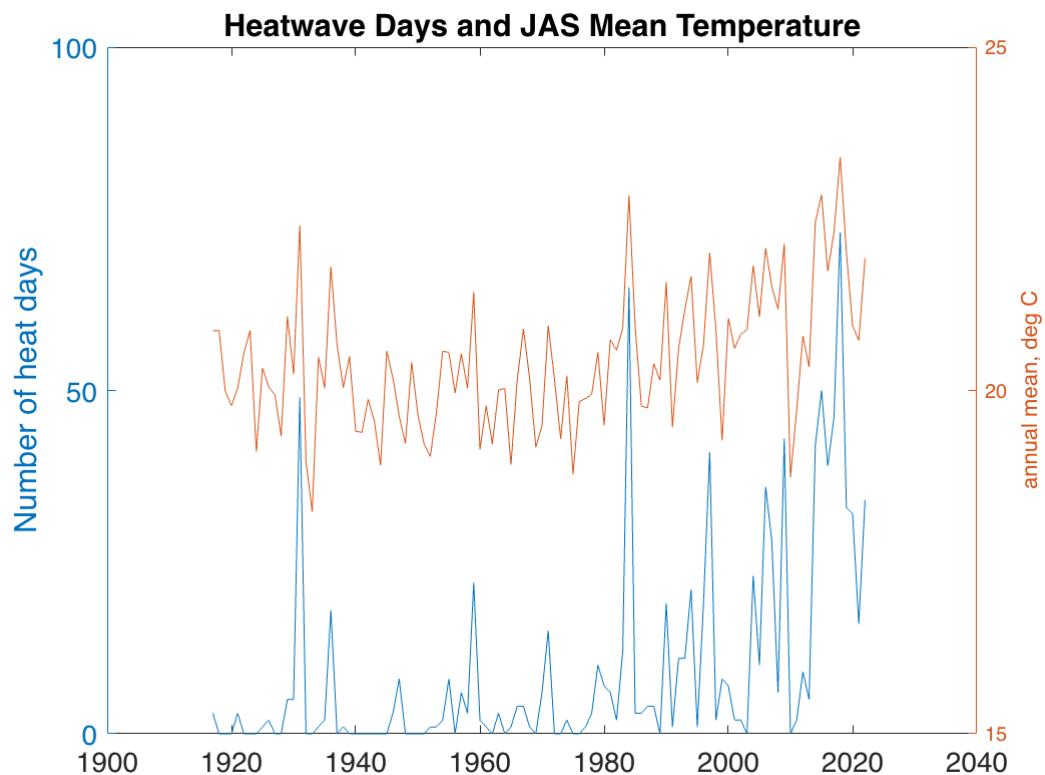
9) Time series of average JAS summer temperatures during first 30 and last 30 years



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

