

Appendix K

Phase 2 HGB Mid Course Review

Average Minimum and Maximum Temperatures from 1961-1990 at 9 Weather Stations in East Texas and West Louisiana

Prepared by the

Technical Support Section

Technical Analysis Division

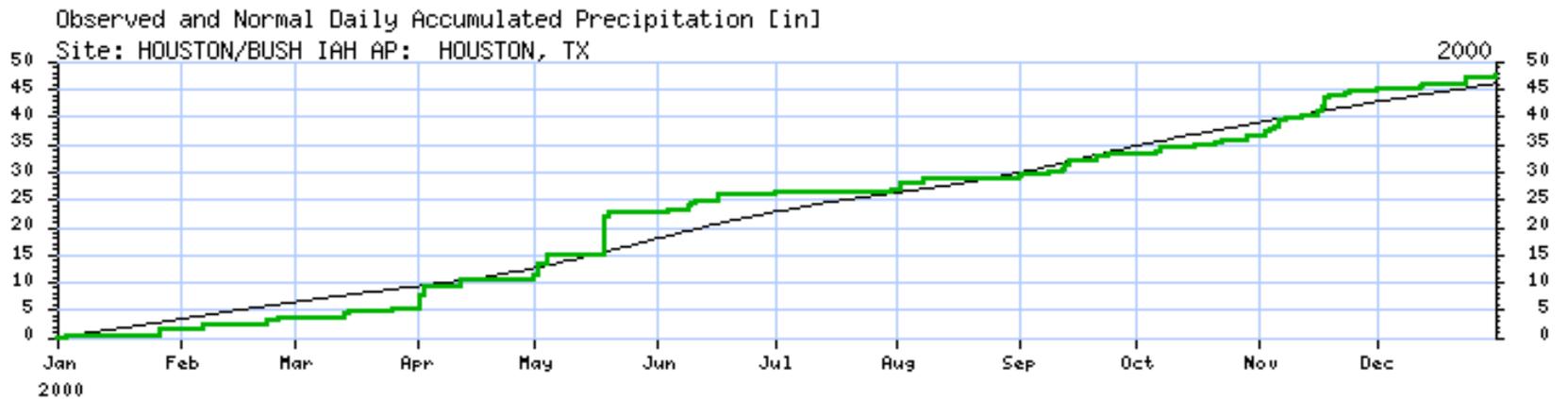
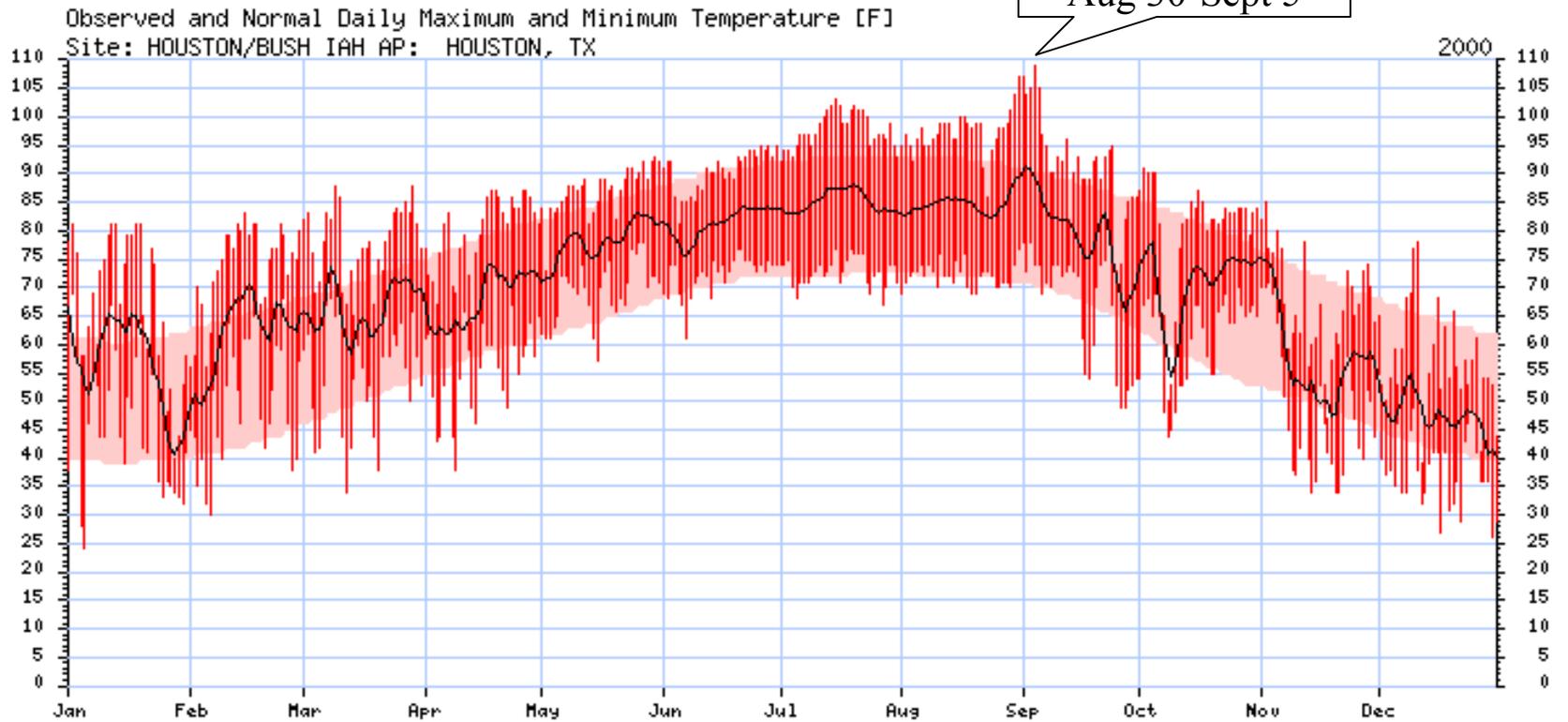
TCEQ

October, 2004

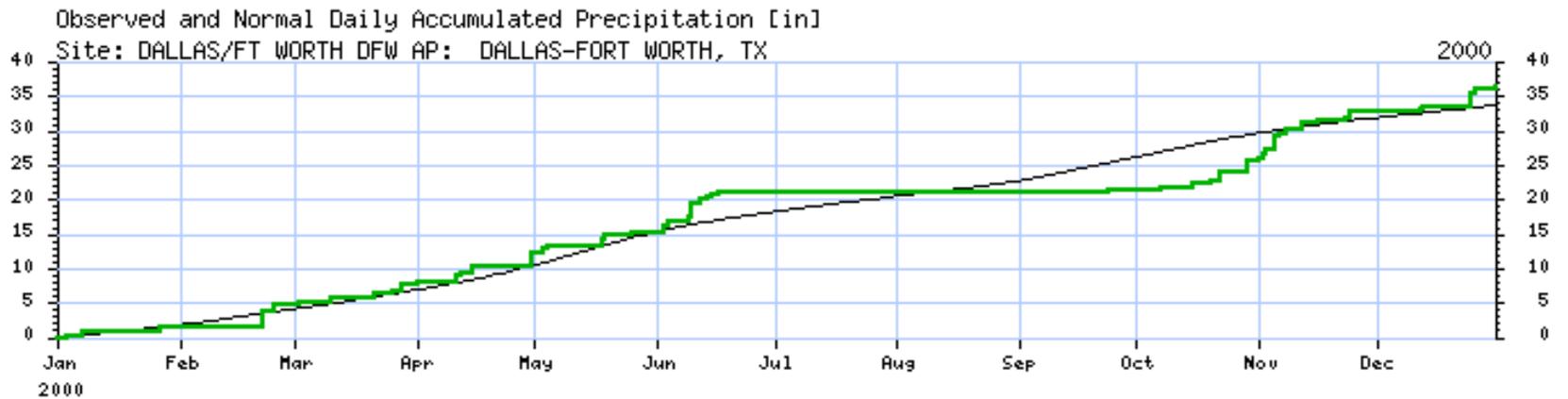
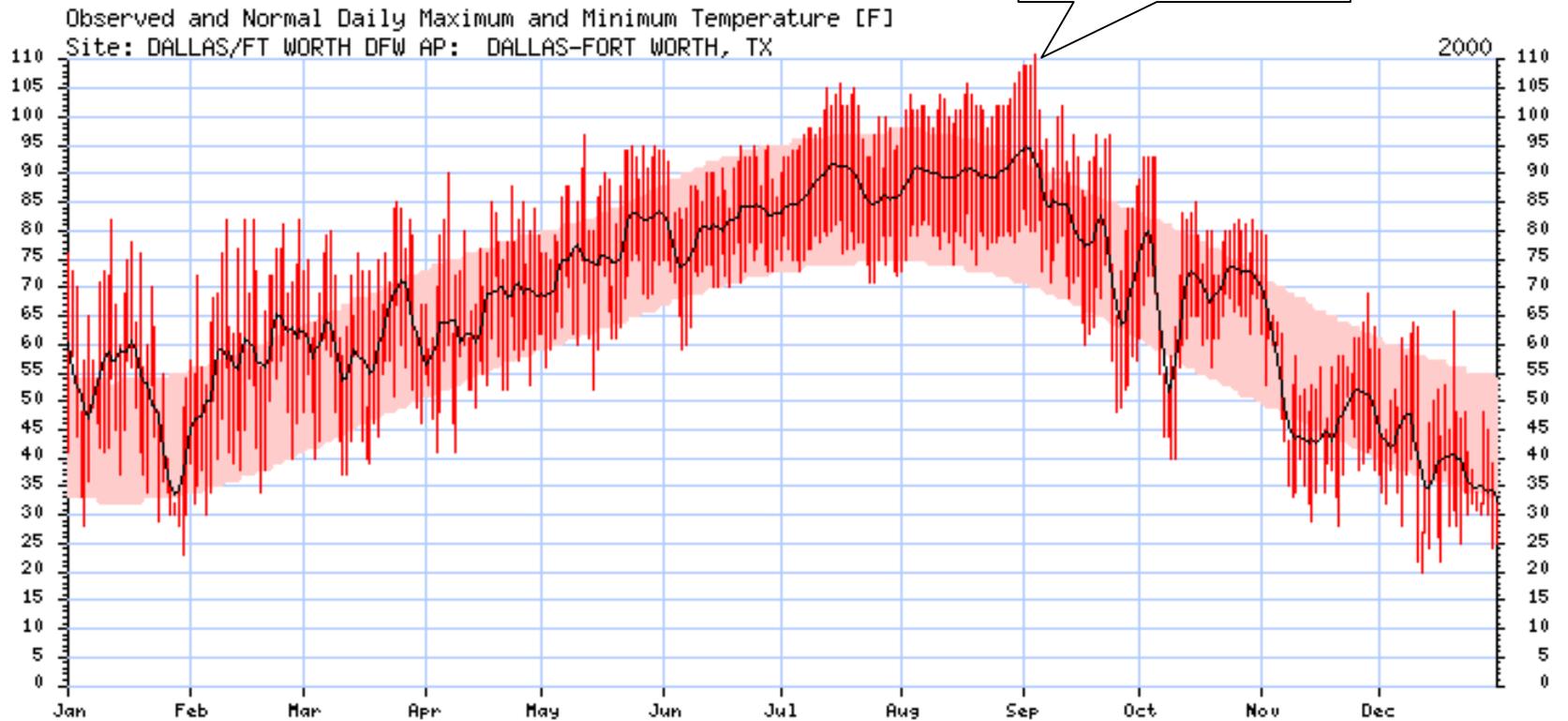
Aug 31-Sept 5, 2000: Evidence of widespread exceptionally high temperatures

- Source of text below and following figures: Southern Regional Climate Center http://maestro.srcc.lsu.edu/temp_precip_2000.html
- The top portion describes the annual temperature regime for 2000, for a single station. It is composed of three graphic elements:
 - The pink shaded area represents the normal range of daily temperature plotted for each day of the year. It is derived from 30 years (1961-1990) of daily maximum and minimum temperatures observed at the site.
 - A series of vertical red bars represents daily observations of maximum and minimum temperatures observed at the site for the observation year.
 - The solid black line is a 5-day moving average of the calculated average daily temperature. It is intended to represent short-term variation in average temperature. It does not represent the average temperature on any given day.
- The bottom portion of the graph describes the annual precipitation regime for the station. It is composed of two graphic elements:
 - The light green line represents an accumulation of normal daily precipitation values derived from a 30-year record (1961-1990).
 - The dark green line is the accumulated daily precipitation values observed for the depicted year.

Aug 30-Sept 5

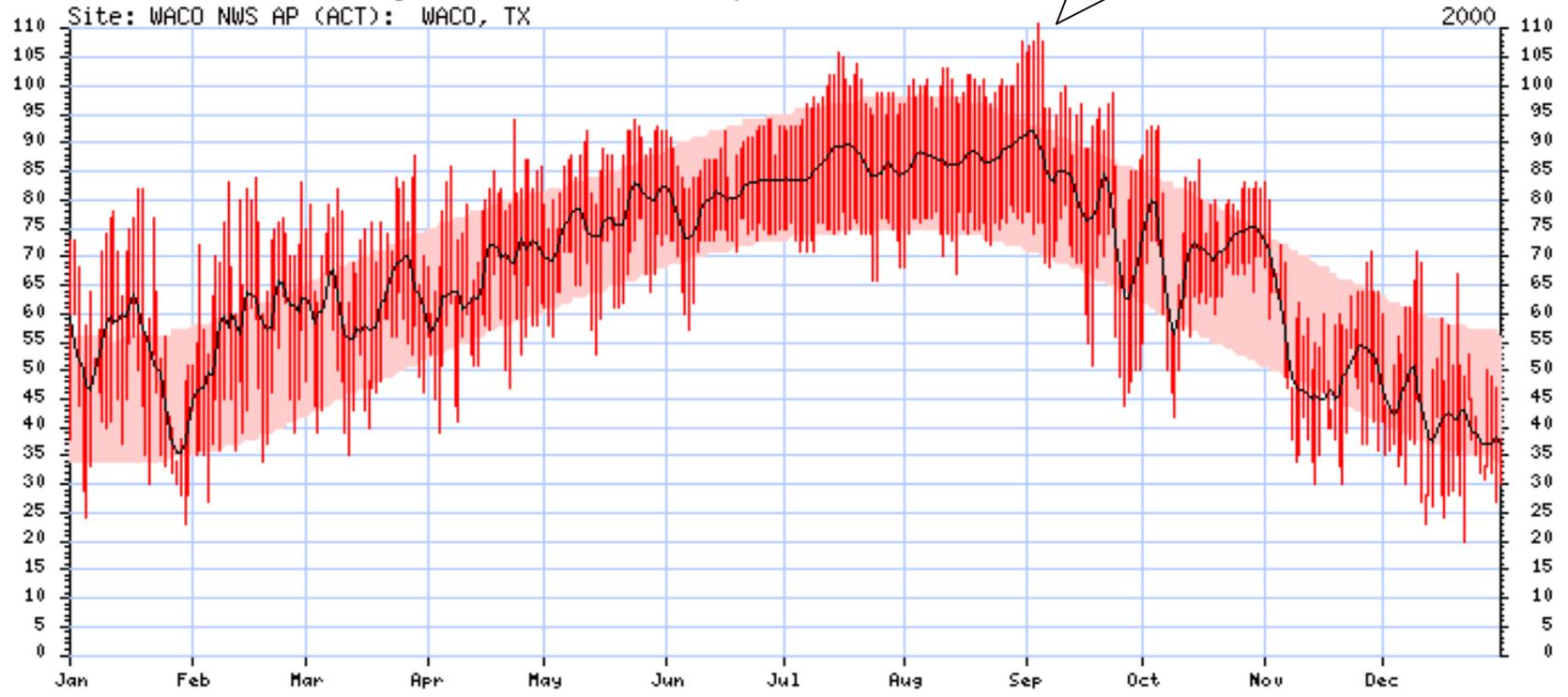


Aug 30-Sept 5

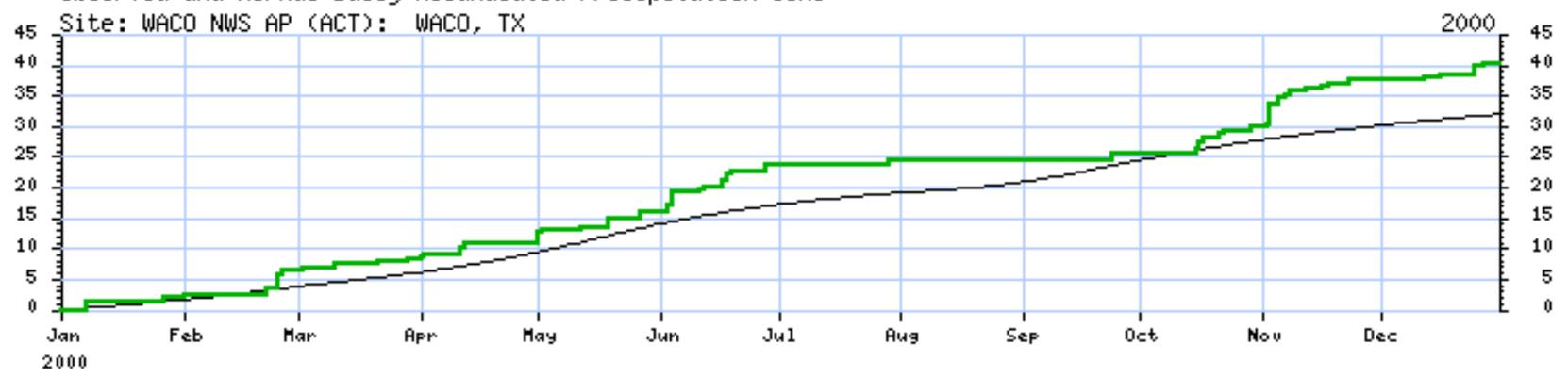


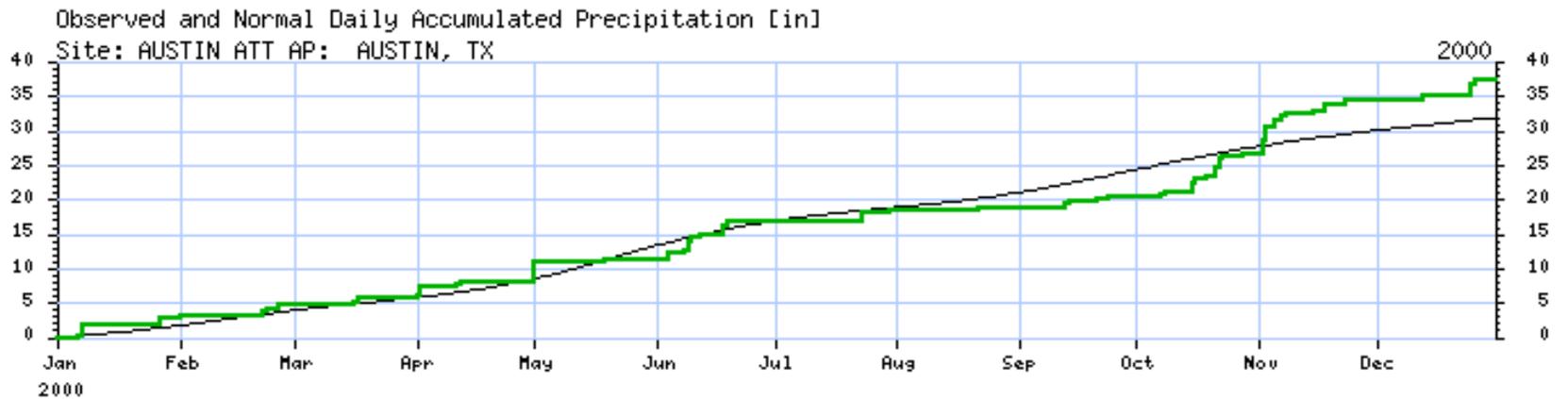
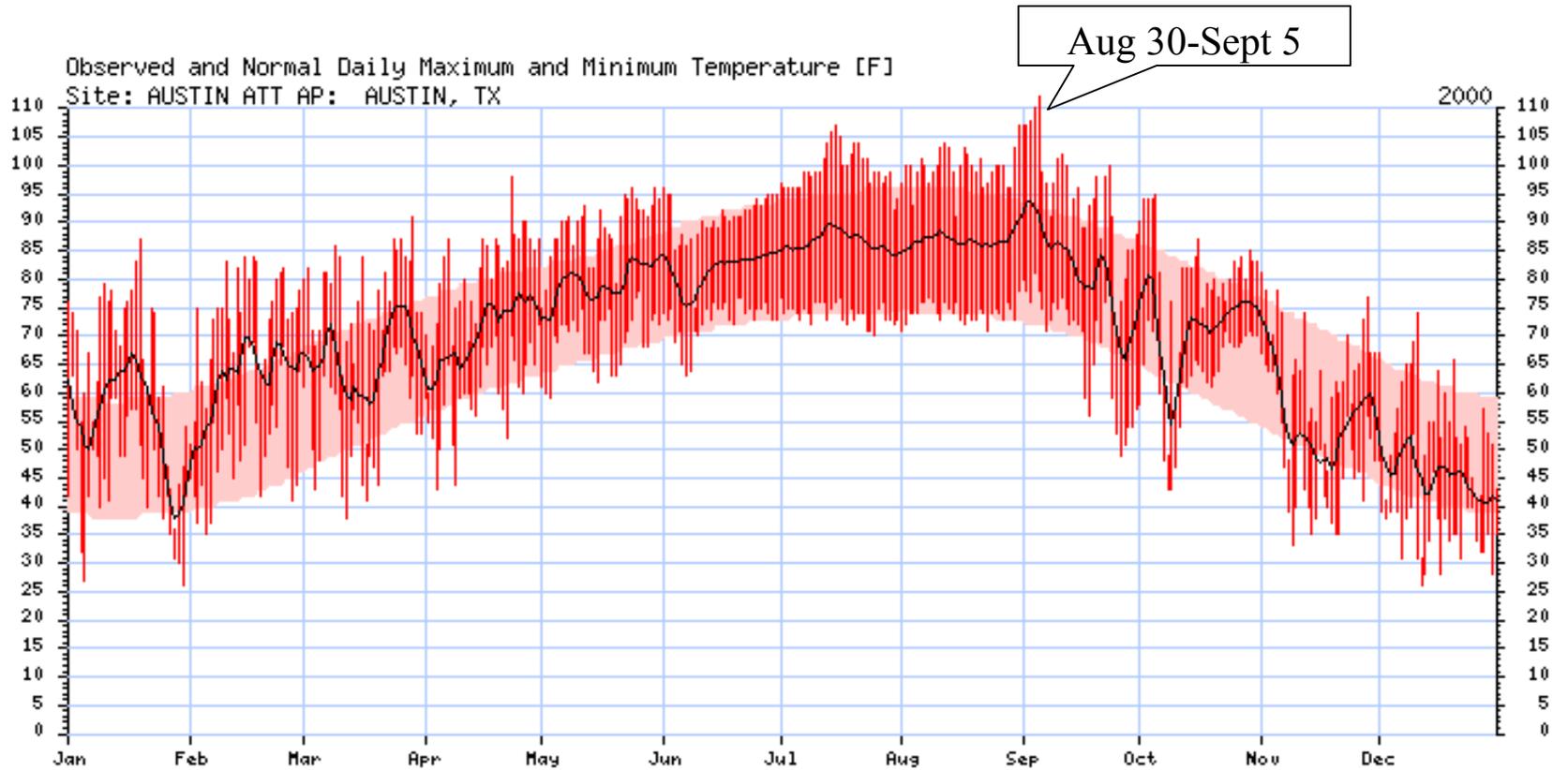
Aug 30-Sept 5

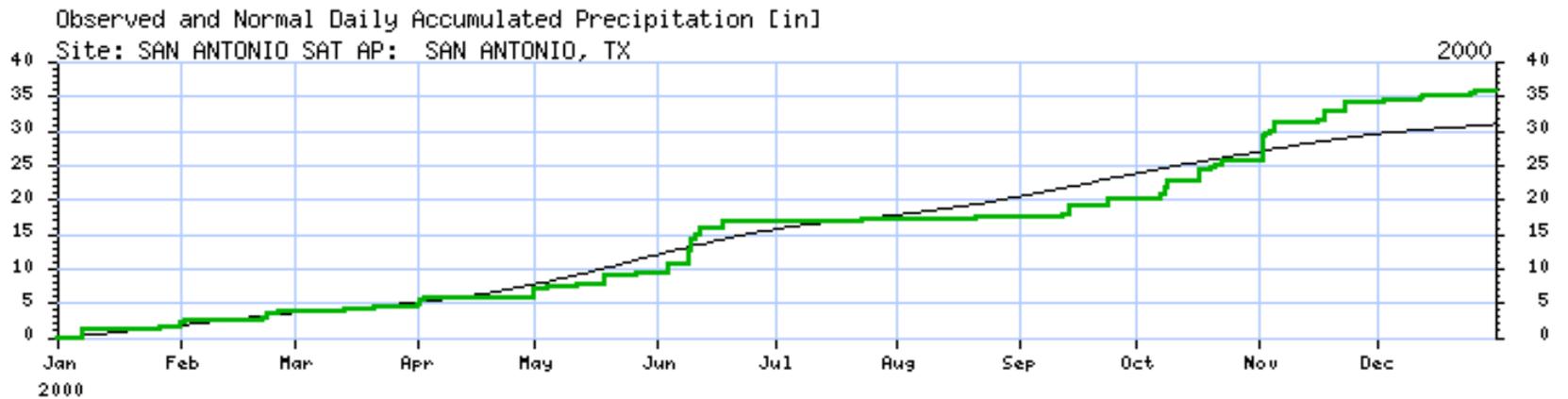
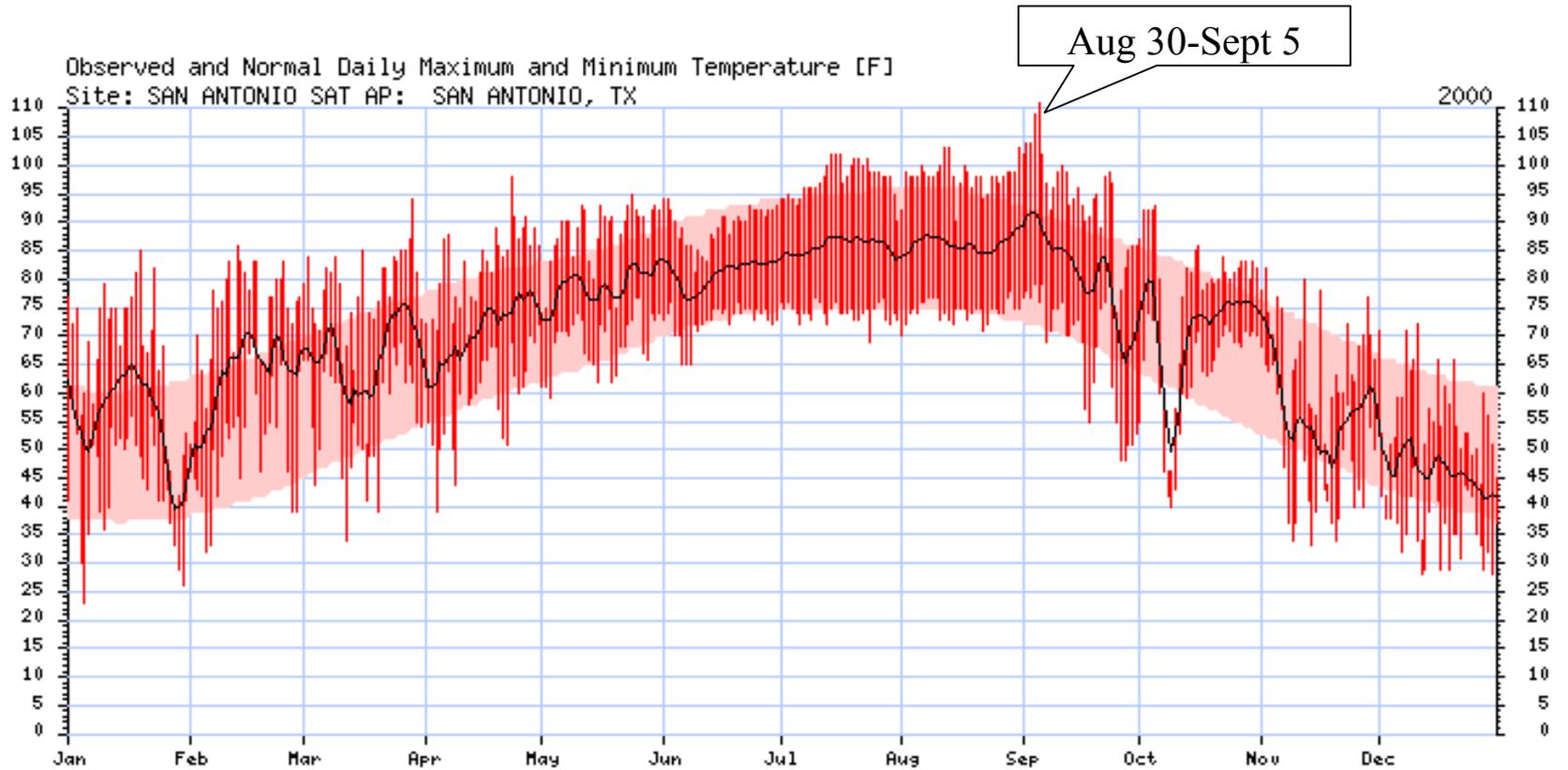
Observed and Normal Daily Maximum and Minimum Temperature [F]
Site: WACO NWS AP (ACT): WACO, TX

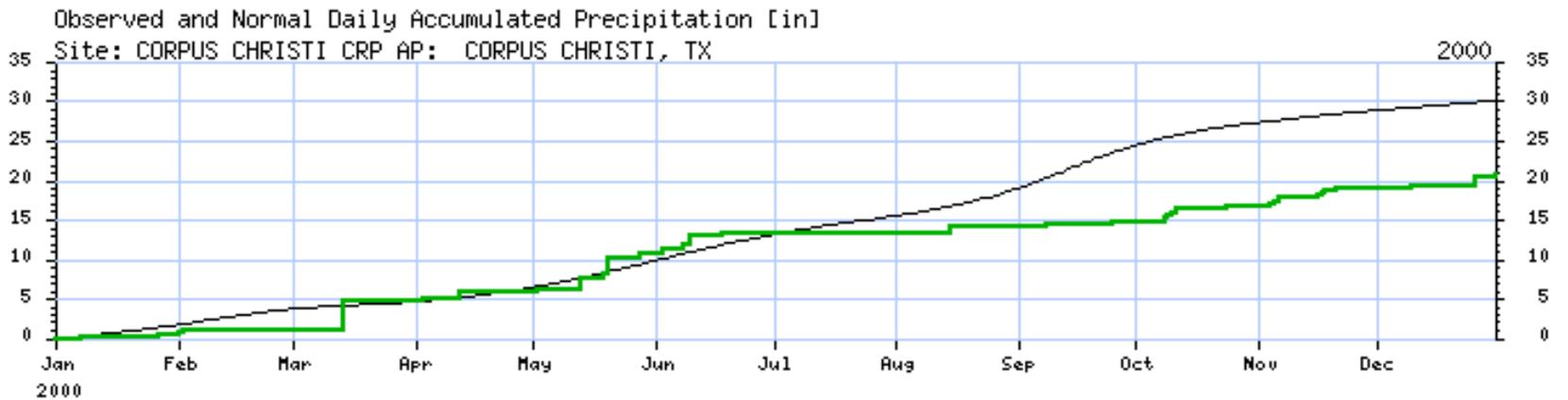
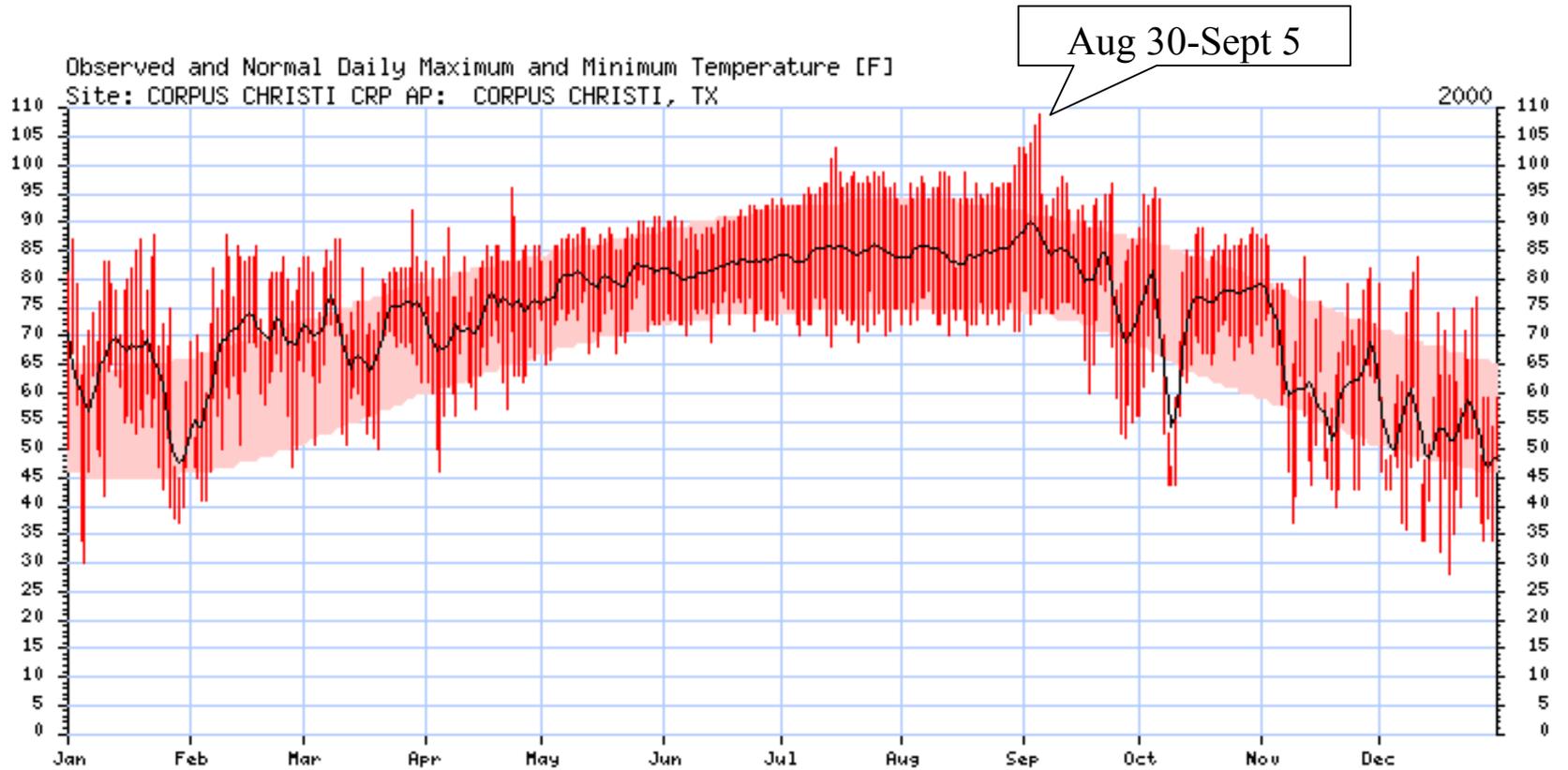


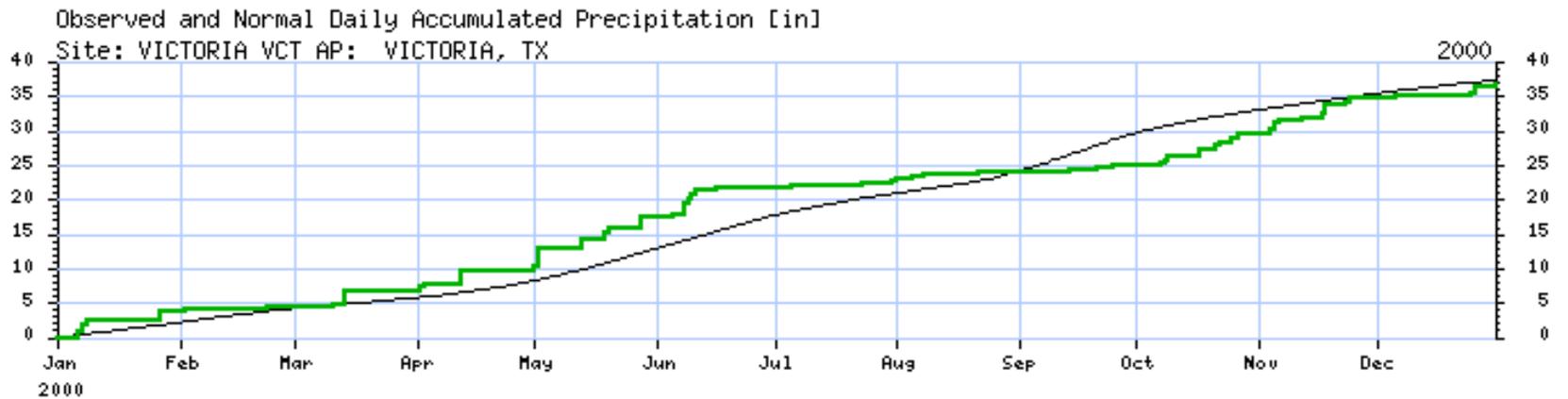
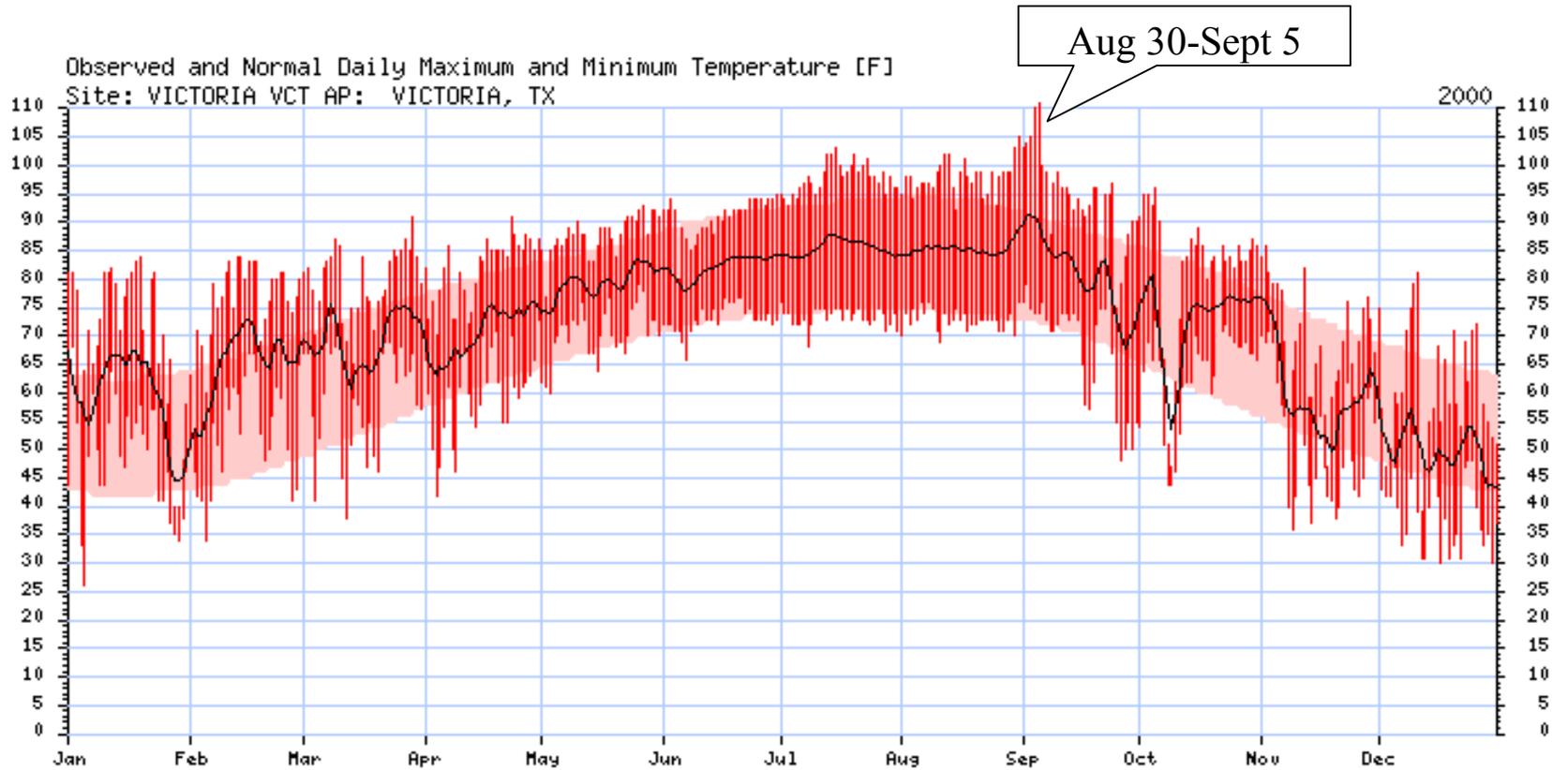
Observed and Normal Daily Accumulated Precipitation [in]
Site: WACO NWS AP (ACT): WACO, TX



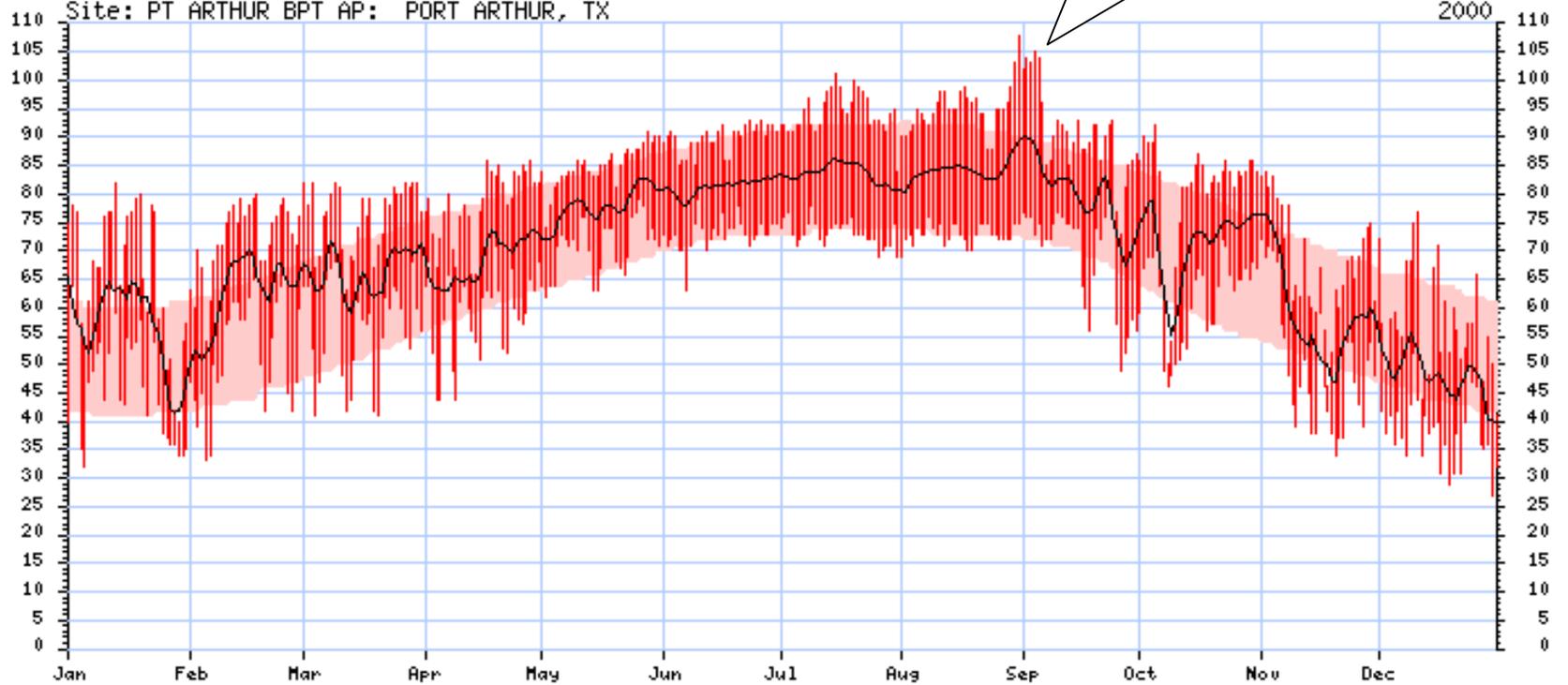








Observed and Normal Daily Maximum and Minimum Temperature [F]
Site: PT ARTHUR BPT AP: PORT ARTHUR, TX



Observed and Normal Daily Accumulated Precipitation [in]
Site: PT ARTHUR BPT AP: PORT ARTHUR, TX

