

### **Unit 3H, Tools, Activity 4**

Open FireFamily Plus and answer data utilization questions

Open the FireFamily Plus application you downloaded earlier. If a default dataset is open close this by going to the File menu, and select "Close". From the File menu, select "New" and name the new database M581.mdb. From the Data menu select "Import" and load both the station catalog and weather data files for the Cache weather station you downloaded earlier.

Within the Working Set window complete the following:

Ensure that the SIG/Station drop down list has 086702-CACHE selected; and, Select the full extent of the data years available 1975 thru 2003.

Then from the Weather menu, select "View Observations - All". You should see a table displaying all of the archived weather observations (one per day) for the period 1975-2003. If you right click in the column headers (Max Temp for instance) you can re-sort the data set either ascending or descending by that value (highest or lowest max temp recorded for example).

Sort the Precip field in descending order.

**The following questions will be asked in the review:**

What is the most rain recorded in a 24 hour period at this station?  
On what date did this occur?