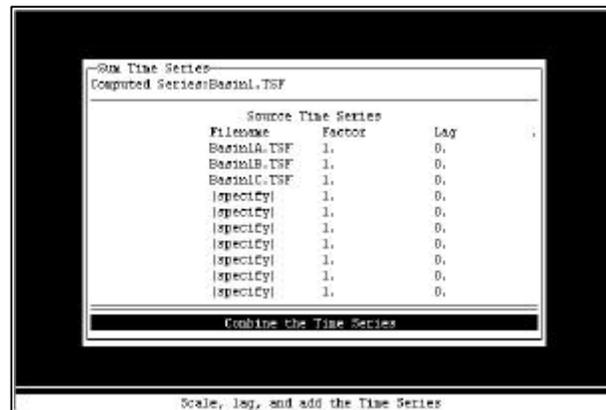
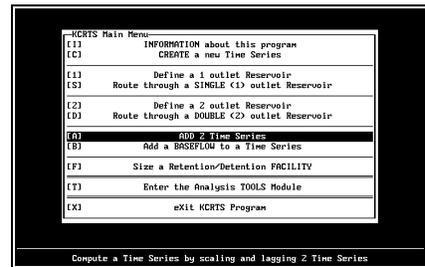


This menu item can be selected with the A key while in the Main Menu.

This routine allows the user to sum, scale, and lag existing time series files and create a new time series. The summing of time series allows the user to simulate the confluence of two drainage areas at a common point. Phasing and scaling of both time series or a single time series can be done.



- **Computed Series.** Specify the filename of the time series to be created. If not specified, the program will add the TSF default extension.

Source Time Series:

- **Filename.** Specify the filenames of the time series to be summed. The TSF extension is assumed. If only one filename is given, that time series will be scaled and lagged based on the user's input.
- **Multiplying Factor.** Scale factors can be used to create a time series with different total areas but identical land-use composition. For example, a time series file for a 10-acre site with 40% impervious and 60% grass can be created from a time series created for a 100-acre site with the same percent land use by scaling the larger time series by 0.1. To scale a time series edit the Multiplying Factor default value of 1.0.
- **Lag Time.** By specifying a lag time, the user accounts for the travel times of the drainage areas to a common point of interest. Time lags can be entered in even increments of the timestep being used. Travel time of less than 1 timestep should be entered as zero.
- **Combine the Time Series.** Select this menu item to generate the Computed Time Series file. Once executed the program will return to the Main Menu.