The special action facility is used to accommodate unique characteristics of a watershed, such as:

- Human intervention in a watershed. Events such as plowing, cultivation, fertilizer and pesticide application, and harvesting are simulated in this way.
- Changes to parameters. For example, a user may wish to alter the value of a parameter for which 12 monthly values cannot be supplied. This can be done by specifying a special action for that variable. The parameter could be reset to its original value by specifying another special action, to be taken later.

For this project, special actions were used to create the virtual sink/drainage well in closed basins and basins that have drainage wells.

Table 9-15. Total Actual ET (TAET) observation groups in the objective function.

Observation Group	Number of Observations Within Group	Weight Factor After Equalizing Contribution to Φ
Yearly average total ET for water	24	2
Yearly average total ET for developed open space	24	2
Yearly average total ET for developed low intensity	24	2
Yearly average total ET for developed medium intensity	24	2
Yearly average total ET for developed high intensity	24	2
Yearly average total ET for barren or mining	24	2
Yearly average total ET for forest	24	2
Yearly average total ET for shrub	24	2
Yearly average total ET for grass land	24	2
Yearly average total ET for pasture	24	2
Yearly average total ET for crops	24	2
Yearly average total ET for wetlands	24	2
Yearly maximum total ET for water	24	2
Yearly maximum total ET for forest	24	2
Yearly maximum total ET for shrub	24	2
Yearly maximum total ET for pasture	24	2
Yearly maximum total ET for wetlands	24	2