Purpose

MOD UHGADJ sets keywords and values to specify the horizontal and
vertical adjustment factors which are used to change the unit
hydrograph ordinates.

These ordinates are scaled so that volume is conserved with the old
unit hydrograph. The number of unit hydrograph ordinates is not
changed with this MOD. The entire observed data period must be
within the period specified on the command card for the MOD to be in
effect.

Format

Use Format B2 with one date on the command card.

```
   .UHGADJ date [ FGROUP ]
   identifier keyword value [ / opname ]

   where date     is the date
         keyword  is:
                     o HADJ or H - the value that follows is the
                                   horizontal adjustment factor
                     o VADJ or V - the value that follows is the
                                   vertical adjustment factor
         value    is the value
```

Keyword and value can be repeated.

If date is the same as Technique LSTCMPDY then the MOD is enabled.

Example

In this example the shape of the unit hydrograph is changed by
entering vertical and horizontal adjustment factors. The ordinates
are scaled so that the sum of the ordinates for the temporary unit
hydrograph is the same as for the permanent one. If a vertical or
horizontal adjustment factor is not entered then it is assumed to be
one. The valid ranges for adjustment factors are from 0.7 to 5.0 for
vertical adjustments and from 0.2 to 5.0 for horizontal adjustments.

```
   .UHGADJ 1201
   WTTO2 VADJ 1.2 HADJ 0.85
```