Purpose

MOD UHGCDATE changes the ordinates of a unit hydrograph for a
specified part of the run period.

The ordinates are scaled so the volume is the same as the old unit
hydrograph. The number of unit hydrograph ordinates cannot be
increased.

Format

Use Format B3 with three dates on the command card.

Forecast Group identifiers cannot be specified.

    .UHGCDATE startdate enddate validdate
    identifier values [/ opname]

    where startdate is the date for which the data values apply
          enddate   is the end date for which the data values apply
          validdate is the data after which the MOD is no longer valid
                       and is usually less than or equal to Technique
                       LSTCMPDY
          values   are the unit hydrograph ordinate values

See Section VI.5.3C-FCEXEC-MODS [Hyperlink] for a description of how
the dates are processed.

If there is more than one UHGCDATE MOD for the same time then the last
MOD is used.

If there is a UHGCDATE MOD and a UHGCHNG MOD [Hyperlink] for the same
time then the UHGCDATE MOD is used.

If validdate is greater than or equal to Technique STARTRUN
[Hyperlink] then the MOD is used.

If validdate is less than Technique LSTCMPDY [Hyperlink] then the MOD
is used from startdate to validdate.

If validdate is greater than Technique LSTCMPDY [Hyperlink] and less
than enddate then the MOD is used from startdate to enddate.

If validdate is greater than enddate then the MOD is used from
startdate to enddate.

Example

In this example the shape of the unit hydrograph is changed by
inputting new ordinates. The MOD scales the ordinates so that the sum

of the ordinates for the temporary unit hydrograph is the same as for
the permanent one.

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    .UHGCDATE 0305 0310 0308
     WTTO2 2 5 4 2 .5
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