VI.5.3C-FCEXEC-MOD-UHGCDATE  PROGRAM FCST FUNCTION FCEXEC MOD UHGCDATE

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validdate is the data after which the MOD is no longer valid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.

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