

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

Purpose

MOD DPRECIP multiplies the moisture input to the SAC-SMA portion of DHM-OP. The precip in each grid cell in the basin modeled with the DHM-OP is multiplied by the mod value. The mod is only applied to precip in the observed portion of the run.

Specifying a range of segments or FGROU to apply the mod over **is not supported.**

Format

Use Format B3 with three dates on the command card.

```
. DPRECIP startdate enddate validdate  
identifier value [ / opname ]
```

where startdate is the start date for which the MOD applies and must be greater than or equal to Technique STARTRUN
enddate is the end date for which the MOD applies and must be less than or equal to validdate except when startdate is greater than validdate
validdate is the date after which the MOD is no longer valid and is usually less than or equal to Technique LSTCMPDY
value is the multiplier value
(must be ≥ 0 ; values < 1 decrease the state; values > 1 increase the state)

This MOD is only enabled if the date on the MOD card is less than or equal to validdate or Technique LSTCMPDY. If the date is greater than validdate then change is made only if validdate is equal to Technique LSTCMPDY.

Example

In this example the input rain+melt to the rainfall/runoff model is multiplied by an adjustment factor for individual Segments.

```
. DPRECIP 07178412z 07208412Z 07228412Z  
CTHM7 3  
TIFM7 1.5  
GNTC2 1.2 / GNTC2UPR
```