VI.5.3D-SYSTEM-MDREST24 PROGRAM FCST HCL TECHNIQUE MDREST24

Purpose

Technique MDREST24 sets if and how MDR derived precipitation is going to be used in estimating missing daily station amounts at stations that can use MDR data.

Valid values are NO (0), YES (1), user set upper limit (2) and no upper limit (3).

The Global default is NO (0).

This Technique is Universal.

The one Argument is the upper limit of the amount that can be estimated. The Argument is only used when the value of the Technique is 2.

The Global default for the upper limit is 0.0 inches.

Form of Input

MDREST24(integer) limit

where integer is 0, 1, 2 or 3 indicating:
0 = MDREST24 is off
1 = MDR derived precipitation is used to estimate zero precipitation amounts
2 = MDR derived precipitation used to estimate precipitation up to the specified limit
3 = MDR derived precipitation used to estimate all missing amounts limit is the maximum amount of precipitation in inches that can be estimated when the value of Technique MDREST24 is 2; if the MDR estimate is greater than limit then the estimate is made from surrounding stations rather than by using MDR data

Examples

MDREST24
MDREST24(1)

Stations that are missing and can use MDR will be set to zero if the associated MDR summation is zero.

MDREST24(2) 0.50

MDR data will be used to estimate missing station amounts up to 0.5 inches.

MDREST24(3)

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MDR data will be used to estimate all missing precipitation amounts.