

VI.5.3D-BLENPREC PROGRAM FCST HCL TECHNIQUE BLENPREC

Purpose

Technique BLENPREC overrides the criteria values specified using the BLEND-TS option [[Hyperlink](#)] in program ESPINIT (see Section VI.3.5 [[Hyperlink](#)]) for all precipitation time series used when running Function ESP.

Valid values are NO (0) and YES (1).

The Global default is NO (0).

This Technique is Nonuniversal.

Form of Input

BLENPREC weight1 weight2 wlength blength

where weight1 is the initial weight of the future data
weight2 is the last weight of the future data
wlength is the length of the weighting period (units of HR)
blength is the length of the blending period (units of DAY)

Valid values for the weights are 0.0 to 1.0.

Example

BLENPREC 1.0 0.5 36 2

The future data will be given an initial weight of 1.0 and a last weight of 0.5. The weighting period will be 36 hours and the blending period will be 2 days.

Blending the precipitation time series is performed on the weighting factors. In the example the weight assigned to future data will vary from 0.5 to 0.00 during the blend period. This Technique is used in conjunction with the FCPRECP Technique. If FCPRECP is ON then actual future precipitation values will be used for blending but if FCPRECP is OFF then zero future precipitation values will be used.