IX.6.2-SYSTEM-EDSPA   SUBROUTINE EDSPA

Description

Subroutine EDSPA transfers values from the accumulator array, A, into
an array, Y, prior to application of statistics routines.

EDSPA checks for missing values, changes all values less than 0.00001
to 0.01 and for the output variables 7 and 8 checks for values of
9999. For output variables 7 and 8 (number of days until value is
crossed and number of days above/below value), 9999 in the accumulator
array indicates that the specified value was not crossed.

Calling Sequence

CALL EDSPA (Y,A,NYRS,I,J,NVAR,IMIS,INOR)

Argument List

Argument	Input/ Output	Type	Dimension	Description
Y	Output	R*4	50	Contains NYRS values for a single type of time series; if J=1 then Y contains the accumulated values; if J=2 then Y contains number of days to accumulated values
A	Input	R*4	VAR	Accumulator array for time series
NYRS	Input	I*4	1	Number of years of time series values
I	Input	I*4	1	Indicator of location in the accumulator array of first value of time series
J	Input	I*4	1	J=1 indicates that accumulated values are being stored in Y; J=2 indicates that Time to Value is being stored in Y
NVAR	Input	I*4	1	Indicator for type of output variable (maximum mean daily value, mean daily value, etc.)
IMIS	Input	I*4	1	IMIS=1 indicates that the accumulator array contains missing values for the time series

Argument	Input/ Output	Type	Dimension	Description
INOR	Input	I*4	1	For output variables 7 and 8 INOR=1 indicates that the specified value was not reached