

IX.6.2-SYSTEM-EVAC02 SUBROUTINE EVAC02

Description

Subroutine EVAC02 is the second accumulator routine.

It finds the minimum mean daily value for a time series and the number of days to that minimum. Mean daily values are computed for any time interval or time scale of the time series.

Calling Sequence

CALL EVAC02 (a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s)

Argument List

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
a	Input	I*4	1	First Julian day to be accumulated
b	Input	I*4	1	First Julian hour to be accumulated
c	Input	I*4	1	Last Julian day to be accumulated
d	Input	I*4	1	Last Julian hour to be accumulated
e	Input	R*4	*	Array D containing the time series data
f	Both	R*4	*	Accumulator array; the first location is the minimum mean daily value and second is the number of days to that minimum
g	Input	I*4	1	Number of days already accumulated for the time series
h	Input	I*4	1	Number of hours already accumulated for this time series
i	Input	A8	1	Time series identifier
j	Input	A4	1	Time series data type code
k	Input	I*4	1	Time series data time interval
l	Input	I*4	1	Number of values per time interval

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
m	Input	A4	1	Time series time scale code
n	Input	I*4	1	Value of interest (needed for multi-valued time series)
o	Both	R*4	1	Carryover value containing the sum of the data for the last day if computations ended at hour 24 then this value is reset to zero
p	Input	I*4	1	Output variable option (not used)
q	Input	R*4	1	Cutoff level for output variable (not used)
r	Input	R*4	*	Work space array
s	Input	I*4	1	Length of work space array