

IX.6.2-SYSTEM-EDEX02 SUBROUTINE EDEX02

Description

Subroutine EDEX02 is the execution subroutine for the frequency table and frequency plot displays.

Calling Sequence

CALL EDEX02 (NVAR, HEAD, VARNAM, IWIND, TDSP, DSP, NYRS, NBYRS, IHYRD, IBHYRD, YRWT, A, KODE, VALUE, UNITS, IPAGE, PRIN, IP, IPP)

Argument List

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
NVAR	Input	I*4	1	Output variable indicator: 1 = maximum mean daily value 2 = minimum mean daily value etc.
HEAD	Input	A20	1	User supplied header information to be printed at top of the summary table
VARNAM	Input	A8	1	Run identifier
IWIND	Input	I*4	1	Sequence index for statistics window; determines location of statistics window parameters in array ETIME
TDSP	Input	R*4	1	Contains time series information for the display including type of time series, time series identifier, data type and data time interval
DSP	Input	R*4	6	Display parameters for the plot subroutine; indicates which time series are to be plotted
NYRS	Input	I*4	1	Number of years of time series values
NBYRS	Input	I*4	1	Number of years of base period time series values
IHYRD	Input	I*4	1	First year of historical time series

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
IBHYRD	Input	I*4	1	Yearly weight; values range from 0 to 1 and sum to 1 over all years
A	Input	R*4	1	Contains time series values
KODE	Input	I*4	1	For output variable number of days above/below a 'VALUE', KODE specifies whether above (KODE=1) or below (KODE=2) has been chosen
VALUE	Input	R*4	1	See 'VALUE' in the above description
UNITS	Input	A*4	1	Units of time series values
IPAGE	Input	I*4	1	Determines whether pagination (IPAGE=1) occurs prior to summary table or not (IPAGE#1)
PRIN	Output	R*4	12x50	Frequency values for output variables
IP	Output	I*4	6x51	Plot positions for fitted time series
IPP	Output	I*4	6x51x3	Plot positions for sample time series