

IX.3.3B-SYSTEM-FCTSRD SUBROUTINE FCTSRD

Description

Subroutine FCTSRD reads data from external data files and stores the data values in the D array [[Hyperlink](#)].

Data values are read for all INPUT and UPDATE time series. Data read by using the external location information stored in the TS array. Data types that are not allowed to contain missing values are checked to make sure only non-missing values are in these time series for the run period. Future precipitation is set to zero if so specified.

Calling Sequence

CALL FCTSRD (TS,MTS,D,MD,IHZERO,IERR,JDAMIS,JHRMIS,NWORK)

Argument List

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
TS	Both	R*4	MTS	Array TS
MTS	Input	I*4	1	Dimension of array TS
D	Output	R*4	MD	Array D
MD	Input	I*4	1	Dimension of array D
IHZERO	Input	I*4	1	Zero hour for the run; internal clock hour 0-23
IERR	Output	I*4	1	Error indicator: 0 = normal return 1 = one or more time series could not be read from the external files 2 = time series were read but one or more time series that must not contain missing data had missing data values
JDAMIS	Output	I*4	1	If IERR=2 then contains the Julian day of the first missing data value in any time series that cannot contain missing values
JHRMIS	Output	I*4	1	If IERR=2 then contains the internal clock hour of the first

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
				missing data value
NWORK	Input	I*4	1	Starting location of work space in array D