

IX.3.3B-SYSTEM-FRDCAL SUBROUTINE FRDCAL

Description

Subroutine FRDCAL reads data for a time series from the Calibration Data Files.

Calling Sequence

CALL FRDCAL (EXTLOC, IDT, NPDT, UNITS, LD, D, MD, LOC, TS, MTS, MO, IYEAR, IERR)

Argument List

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
EXTLOC	Input	R*4	*	External location information for the time series being read
IDT	Input	I*4	1	Time series data time interval (units of HR)
NPDT	Input	I*4	1	Number of values per time step
UNITS	Input	A4	1	Time series data units code
LD	Input	I*4	1	Starting location of the data in array D
D	Output	R*4	MD	Array D
MD	Input	I*4	1	Dimension of array D
LOC	Input	I*4	1	Location of the time series information in array TS
TS	Both	R*4	MTS	Array TS
MTS	Input	I*4	1	Dimension of array TS
MO	Output	I*4	1	Month read; only if a Calibration System program
IYEAR	Output	I*4	1	Year read; only if a Calibration System program
IERR	Output	I*4	1	Error indicator: 0 = normal return 1 = time series could not be read