

VII.7-DATACARD-CARDLO SUBROUTINE CARDLO

Description

Subroutine CARDLO locates a DATACARD format time series file and read the header records

If the requested data units do not match then the units in the file the data is converted in routine CARDRD.

If the requested period of record is all zeros then the requested period of record is set to that of the file.

Calling Sequence

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CALL CARDLO (IRMO1,IRYR1,IRMO2,IRYR2,ITMO1,ITYR1,ITMO2,ITYR2,  
            RUNITS,UNITS,PTHNAM,RDTYPE,ITIME,TSID,TSDESC,IUNIT,  
            OFORMAT,CONVF1,CONVF2,IJMO1,IJMO2,ISTAT)
```

Argument List

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
IRMO1	Input	I*4	1	Requested first month
IRYR1	Input	I*4	1	Requested first year
IRMO2	Input	I*4	1	Requested last month
IRYR2	Input	I*4	1	Requested last year
ITMO1	Output	I*4	1	First month in time series
ITYR1	Output	I*4	1	First year in time series
ITMO2	Output	I*4	1	Last month in time series
ITYR2	Output	I*4	1	Last year in time series
RUNITS	Input	A4	1	Requested data units code
UNITS	Output	A4	1	Data units code of time series
PTHNAM	Input	A32	1	Path name of DATACARD file
RDTYPE	Input	A4	1	Data type code
ITIME	Output	I*4	1	Data time interval (units of HR)
TSID	Output	A12	1	Time series identifier
TSDESC	Output	A20	1	Time series description

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
IUNIT	Output	I*4	1	Unit number for DATACARD file
OFORMAT	Output	A24	1	Format for DATACARD records
CONVF1	Output	R*4	1	Multiplication factor for units conversion
CONVF2	Output	R*4	1	Addition factor for units conversion
IJMO1	Output	I*4	1	Julian month of first data value
IJMO2	Output	I*4	1	Julian month of last data value
ISTAT	Output	I*4	1	Status code