

IX.7.3B-SYSTEM-GETGRD SUBROUTINE GETGRD

Description

Subroutine GETGRD reads gridded values from an xmrgr format file [[Hyperlink](#)].

Calling Sequence

```
call getgrd (type, idurt, nudur, nurow, nucol, mxd, mxr, mxc,  
            msrow, mwcol, gvers, usrn, ndatim, cmpdt, lffcpd,  
            po, gar, istat)
```

Argument List

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
type	Input	C*4	1	Data type
idurt	Input	I*4	5	Allowable duration times
nudur	Input	I*4	1	Number of durations used
nurow	Both	I*4	1	Number of grid rows used
nucol	Both	I*4	1	Number of grid columns used
mxd	Input	I*4	1	Maximum number of durations
mxr	Input	I*4	1	Maximum number of grid rows
mxc	Input	I*4	1	Maximum number of grid columns
msrow	Both	I*4	1	Most south HRAP row
mwcol	Both	I*4	1	Most west HRAP column
gvers	Output	R*4	1	Version number of gridded file
usrnam	Output	C*4	2	Username
ndatim	Output	I*4	1	Date and time data saved (ccyy-mm-dd hh:mm:ss format)
cmpdt	Output	C*20	1	Date and time data computed (ccyy-mm-dd hh:mm:ss format)
lffcpd	Output	I*4	1	FFG computation time (internal time)
po	Input	R*4	*	Parameter array

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
gar	Output	R*4	(mxd,mxr,mc)	Array containing gridded values for all defined durations
istat	Output	I*4	1	Status code