
Subject: Problem with for-slope

Posted by [Nexia](#) on Wed, 03 May 2006 07:52:43 GMT

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Hello,

i'm pretty new to this group and in programming, so please excuse stupid questions of if something simliar has been asked yet.

My programm is getting input from different files

```
nfiles_LM=17
```

```
file[0]=...
```

```
....
```

```
file[16]=...
```

the input is working quite well and doing a selection of several part of chosen values (for example, getting each fourth value in time for each file k) is working, too.

My Problem: I want to make a choice of stations k (there is input from observational stations in the files) to bee used. I only need the last 12 files (k=5 to k=16 if I start counting from 0)

```
FOR k=5, nfiles_LM-1 DO BEGIN ; take the last 12 files
  l=0
  FOR i=0,nline_LM-1, 4. DO BEGIN ; take only every 4th value
    time_LM_1h_oV(k,l)= time_LM(k,i)
    t2m_LM_1h_oV(k,l)= t2m_LM(k,i)
    rh2m_LM_1h_oV(k,l)= rhum_LM(k,i)
    td2m_LM_1h_oV(k,l)= td2m_LM(k,i)
    q2m_LM_1h_oV(k,l)= QV_2M_LM(k,i)
    pres_LM_1h_oV(k,l)= pres_LM(k,i)
    wspeed_LM_1h_oV(k,l)=windspeed_10m_LM(k,i)
    l=l+1
  ENDFOR
ENDFOR
```

The declaration was made befor this slope....

```
(nfiles_LM-1 = 17, nfiles_LM_oV=12
```

```
time_LM_1h_oV=FLTARR(nfiles_LM_oV, 0.25*nline_LM+1) & t2m_LM_1h_oV =
time_LM_1h_oV & pres_LM_1h_oV = time_LM_1h_oV & rh2m_LM_1h_oV =
time_LM_1h_oV & td2m_LM_1h_oV = time_LM_1h_oV & q2m_LM_1h_oV =
time_LM_1h_oV &wspeed_LM_1h_oV =time_LM_1h_oV)
```

For this slope I get the error-code: Attempt to subscript TIME_LM_1H_OV with K is out of range.

If I select the first 12 files ($k=0$, `nfiles_LM-6`) everything is working fine like if I take all files ($k=0$, `nfiles_LM-1`).

Can anybody tell me, what's the mistake if I start the slope at $k=5$?

Nexia

P.S.: Please excuse also my very poor english-skill
