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 fouth 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
