
Subject: How to make IDL faster

Posted by [parkkw](#) on Wed, 29 Oct 2003 05:35:56 GMT

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Hello

I write message first time.

If I want to compare trmm satellite data with ground point data,
I used to this line.

geo(0,207,2985) : trmm latitude

geo(1,*,*) : trmm longitude

lat : ground location(latitude)

lon : ground location(longitude)

rain : automatic weather system rainfall data

highf(0,207,2985) : trmm brightness temperature data

for i=0,207 do begin

 for j=1200,1700 do begin

 for k=0,di(0)-1 do begin

 if geo(0,i,j) gt lat(k)-0.04 and geo(0,i,j) lt lat(k)+0.04 and \$

 geo(1,i,j) gt lon(k)-0.04 and geo(1,i,j) lt lon(k)+0.04 then begin

 printf,lun3,loc(k),lon(k),lat(k),rain1(k),rain(k),highf(0,i, j)

 endif

endfor

endfor

endfor

When I caculate 26 trmm data, I wait almost 2hour.

How can I change this program?

Help me.
