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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.

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