
Subject: Problem about TRIANGULATE

Posted by [qunjie0111](#) on Fri, 08 Feb 2008 08:49:45 GMT

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HALLO:

I wanted to interpolate the irregularly data (satellite data) to regularly_gridded data, and used TRIANGULATE and TRIGRID function, but after run the .pro, there was a problem:

Attempt to store into an expression: <FLOAT Array[912]>.

Execution halted at: HALOE_TRIGRID 176 E:\haloe\haloe_trigrid.pro
\$MAIN\$

MY CODE:

```
fidr=ncdf_open('h:\haloe\HALOE_Version19_sr_2004_03.nc')
varid=ncdf_varid(fidr,'latitude')
ncdf_varget,fidr,varid,lat
```

```
varid=ncdf_varid(fidr,'longitude')
ncdf_varget,fidr,varid,lon
```

```
varid= ncdf_varid(fidr,'theta')
ncdf_varget,fidr,varid,theta
ncdf_close,fidr
```

```
index_theta=where(theta[0,*] ne 1.00000e+024)
TRIANGULATE, lon[0,index_theta], lat[0,index_theta],
Tri,sphere=s,fvalue=f,/degrees
grid_data = trigrid(f,[2.5,2.5],[0,-80,357.5,80],sphere=s,/degrees)
```

```
.
.
.
```

What's the problem? Please help me!
thanks!
