
Subject: Re: Question on MODIS Conversion Toolkit
Posted by [Harry Kim](#) on Thu, 29 Apr 2010 01:29:06 GMT
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Devin,

Sorry for the confusion. out_ps_y was already set to 0.008365. I made a mistake in re-typing my source code here.

Based on your suggestion, I changed my code using /UTM projection.

However, I got different error message this time saying that...

"Unable to attach to specified grid. Check name against HDF file contents."

I don't understand. The *.hdf file is in the location designated in the code.

```
-----  
PRO MCTK_MOD11  
compile_opt idl2  
  
modis_grid_file = 'D:\MYD11A1.A2002191.h28v05.005.2007216150810.hdf'  
output_location = 'D:\MODIS11\output'  
output_rootname = 'MYD11_TEST'  
  
grid_name = 'MOD_Grid_Daily_1km_LST'  
sd_names = ['LST_Day_1km']  
  
out_method = 1  
  
output_projection = envi_proj_create(/UTM) ;/geographic) ;, /  
datum=WGS-84)  
  
;ps_x = 0.008365d  
;ps_y = 0.008365d  
  
ps_x = 1000.0  
ps_y = 1000.0  
  
print, 'Now IDL is making an image!!!'  
  
interpolation_method = 6  
  
convert_modis_data, in_file=modis_grid_file, $  
    out_path = output_location, out_root= output_rootname, $
```

```
/higher_product, /grid, gd_name=grid_name, sd_names=sd_names, $
  out_method= out_method, out_proj=output_projection, $
;out_ps_x = 0.008365d, out_ps_y = 0.008365d, num_x_pts=50,
num_y_pts=50, interp_method=interpolation_method ;, $
  out_ps_x=ps_x, out_ps_y=ps_y, num_x_pts=50, num_y_pts=50,
interp_method=interpolation_method, $
  background = -999
```

```
print, 'It is done!'
```

```
end
```
