Subject: Re: Question on MODIS Conversion Toolkit
Posted by devin.white on Tue, 27 Apr 2010 20:41:29 GMT
View Forum Message <> Reply to Message

I think your problem is here:

> out_ps_x = 0.008365, out_ps_y = 0.08365

The output pixel size for Y is too large (by a factor of 10). That's
probably leading to an output array size that is too small for the
georeferencing routines to handle.

On Apr 26, 7:45 am, Harry Kim <kim4ecohy...@gmail.com> wrote:
> Hi, Everyone. I am back with MODIS Converision Toolkit (MCTK)
> Question.
>
> Are there anyone working on MODIS data?
>
> I am working on various MODIS products for ecohydrological processes
> in Korean penninsula. I tried to use MODIS Conversion Toolkit in
> programming mode. This tool seems to be useful to process various
> kinds of MODIS products.
>
> AS some of you know this very well, we can do MCTK both in GUI mod and
> in batch (programming) mod. I have to process thousands of file, and I
> cannot do this in GUI mode.
>
> Everytime I tried in programming mod, I got this error message.
>
> "Map information contains an invaild pixel size. This file will not be
> georeferenced."
>
> Strangely, there was no problem in making images when I tried with the
> same value in GUI mode.
>
> This is what I have done so far. Please take a look, and let me know
> what to do.
>
> Hyun Woo
>
> ------------------------------
> PRO MCTK_MOD11
> compile_opt idl2
> modis_grid_file = 'D:\MODIS11\Data
> \MYD11A1.005\MYD11A1.A2002189.h28v05.005.2007216150809.hdf'
> output_location = 'D:\MODIS11\output'
> output_rootname = 'MYD11_LST'

```
>  grid_name = 'MOD_Grid_Daily_1km_LST'
>  sd_names = ['LST_Day_1km']
>  out_method = 1
>  output_projection = envi_proj_create(/geographic)
>  ;out_ps_x = 0.008365
>  ;out_ps_y = 0.008365
>  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 = 0.008365, out_ps_y = 0.08365, num_x_pts=50,
>  num_y_pts=50, interp_method=interpolation_method ;, $
>       background = -999
>  end
>  ----------------------------------------
```