Subject: Re: Question on MODIS Conversion Toolkit
Posted by Harry Kim on Wed, 28 Apr 2010 00:52:31 GMT
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On Apr 28, 5:41 am, "devin.wh...@gmail.com" <devin.wh...@gmail.com>
wrote:
> 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
>>  ----------------------------------------
```

Thank you, Devine, then what is your suggested values?

In addition, it is interesting. This value is no problem in GUI Mod.
