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Subject: IDL projection

Posted by [samson](#) on Tue, 13 Apr 2004 20:34:42 GMT

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Hi Guys

I have a SPOT binary image 100 by 100 for DC area, which is a subset from global image data size of 20435 by 40096. it has the following info

1. Projection Mercator Equatorial,
2. corner Lat./lon for subset (100 \* 100 data )

upper left lat/lon

lat =39.2040 lon=-77.5058

lower right lat/lon

lat = 38.5086 lon= -76.6165

3. resolution 1000 meters

4. datum WGS84

the SPOT Global data set has

true scale lat=0

central meridan=0

image center=23.568501

my objective is first to define the subset data into the above given projection system, and then reproject it again to State plane maryland projection system with datum NAD83. But I have no idea how to do this in IDL. I would appreciate if you guys give me some help how to do this in IDL. Thank you very much!

sam

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