Subject: Re: Subset point data using shape file
Posted by Justin Beckers on Wed, 03 Jul 2013 11:17:13 GMT
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Thanks for your reply and help and for the Coyote suite.
Cheers

Justin

On Monday, July 1, 2013 3:13:30 PM UTC+2, David Fanning wrote:
> Justin Beckers writes:
>
>
>
>> Accessing the polygons vertices and bounds has been relatively straightforward, I am just unsure of how to proceed to subset the data using this information. I did subset the tracks using the latitude range of the bounding box, but this still leaves me with points that are outside my shapefile (e.g. for tracks that cut diagonally across near the top left of the bounding box/shape)
>
>
>
> You can find an article, with a couple of functions, for finding whether
>
> a point is inside a polygon here:
>
>
>
>
>   http://www.idlcoyote.com/tips/point_in_polygon.html
>
>
>
> Ronn Kling also has an algorithm that I hear is very good:
>
>
>
>   http://www.rlkling.com/cool-stuff.htm
>
>
>
> Cheers,
>
>
>
> David
>
>
>

> --
>
> David Fanning, Ph.D.
>
> Fanning Software Consulting, Inc.
>
> Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
>
> Sepore ma de ni thue. ("Perhaps thou speakest truth.")