
Subject: Re: how to calculate distance from pairs of latitude/longitude measurements?

Posted by [natha](#) on Wed, 11 Mar 2009 19:49:41 GMT

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I found MAP_PROJ_FORWARD function to convert lat/lon to cartesian coordinates. So, calculate the distance between 2 cartesian points it's eaasy.

The problem is when I use this function. The following problem occurs:

```
alb_cart=MAP_PROJ_FORWARD(-73.83,42.70)
% MAP_PROJ_FORWARD: Value of Projection index is out of allowed range.
% Execution halted at: $MAIN$
```

(-73.83,42.70) are a valid lat/lon coordinates of station situated in Albany, USA.

MAP_STRUCTURE is required to use this function (MAP_PROJ_FORWARD) but I don't know which mapping projection use.

Any suggestions !?
