Subject: Re: Choosing Mercator Map Projections
Posted by robinson.inj on Fri, 25 Jan 2008 22:33:04 GMT
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On Jan 25, 10:06 am, David Fanning <n...@dfanning.com> wrote:
> Folks,
>
> There are two different Mercator map projections in IDL. One
> produces correct results and the other, uh, doesn't. I strongly
> recommend against choosing the latter. I have a call into
> ITTVIS to try to understand this better, but in the meantime
> I have prepared an article that will help you choose wisely:
>
>   http://www.dfanning.com/map_tips/badmercator.html
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:http://www.dfanning.com/
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

I would prefer the boat example :-)
Robinson

Subject: Re: Choosing Mercator Map Projections
Posted by David Fanning on Fri, 25 Jan 2008 23:09:31 GMT
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Robinson writes:

> I would prefer the boat example :-)

I was trying to make the discussion relevant to more
people than just you and me. :-)

Cheers,

P.S. I've heard back from ITTVIS about this, and they are
as confused about this as we are. We did have a fruitful
discussion about the accuracy of map projections in general,
and how we really need to get *all* of these map projections
updated to the latest GCTP 3.0 release, at least. I'm told
if we stop reporting IDL 7 Workbench bugs they would have

some time to work on it. ;-)

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

Subject: Re: Choosing Mercator Map Projections
Posted by robinson.inj on Sat, 26 Jan 2008 15:04:07 GMT

On Jan 25, 5:09 pm, David Fanning <n...@dfanning.com> wrote:
> Robinson writes:
>> I would prefer the boat example :-)
>
> I was trying to make the discussion relevant to more
> people than just you and me. :-)
>
> Cheers,
>
> P.S. I've heard back from ITTVIS about this, and they are
> as confused about this as we are. We did have a fruitful
> discussion about the accuracy of map projections in general,
> and how we really need to get *all* of these map projections
> updated to the latest GCTP 3.0 release, at least. I'm told
> if we stop reporting IDL 7 Workbench bugs they would have
> some time to work on it. ;-)
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:http://www.dfanning.com/
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

:-)