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Subject: Re: Amazingly accurate UTM <-> Lat/Lon transformations

Posted by [tom.grydeland](#) on Thu, 19 Sep 2013 12:40:35 GMT

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On Wednesday, September 18, 2013 3:04:13 PM UTC+2, David Fanning wrote:

- > I'm not totally convinced the way to avoid them in this case is to roll
- > your own software. I'd rather see folks fix the problem by using map
- > projection software correctly.

In other words, don't use UTM for this kind of task. I don't disagree.

On the other hand, I cannot demonstrate how much more accurate these formulas are without implementing them (i.e. rolling my own), and the improvements are not available to anyone else without rolling their own until Exelis takes notice.

- > My guess is that both of our efforts will
- > prove to be for naught for most users. :-)

You're much too cynical. The Coyote library is a great benefit to all those using it, and my little note has enlightened at least one reader.

Trying to be of benefit to `_most_` users is a tall order.

- > David

--T

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