
Subject: Re: gaussian air dispersion model

Posted by [guillaume.drolet.1](#) on Tue, 29 Nov 2005 03:18:36 GMT

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> If the distances in question are
> small you can get away with

> $\sigma_y = \sigma_\theta * x$

Are distances between 500 and 1500 m considered small?

> Do you have any info on σ_θ ?

Yes. Since the mean wind direction for a 30-minute period comes from high frequency measurements (10 Hz), I should be able to get σ_θ .

> You're going to need to do a bit of reading

You are right. I definitely need to do some reading and maybe I posted in the wrong forum.
