
Subject: Re: Gridding options

Posted by [Ben Tupper](#) on Wed, 30 Aug 2000 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

Craig Markwardt wrote:

>
> The more appropriate question is probably, how broad should the
> gaussian be in X and Y? This depends on how much smoothing you want
> to accomplish, and the new sampling. For example, if your original
> sampling was 10-20 km, then the interpolated image might have ~2 km
> resolution. With minimal smoothing, the gaussian sigma would be
> around 15 km (ie, comparable to your sampling). The response function
> should have around +/- 2 sigmas = +/- 30 km, which is about 30 pixels.
>

Ah! Got it!

THANKS!

Ben

--

Ben Tupper

Bigelow Laboratory for Ocean Science

West Boothbay Harbor, Maine

btupper@bigelow.org

note: email address new as of 25JULY2000
