
Subject: Re: do SMOOTH not on all data
Posted by [mchinand](#) on Wed, 30 Oct 2002 16:05:14 GMT
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In article <3DC00163.2010308@giub.unibe.ch>,
David Oesch <oesch@giub.unibe.ch> wrote:
> Hi outthere,
>
> I just want to use SMOOTH on a 2D array. But some data are bad (-9999)
> and should not be considered in the smoothing process. Well trying to
> assign those bad data like this
> novalid=WHERE(array NE -9999)
> result=SMOOTH(array(novalid),5)
>
> DOES not work.
>
> I think the solution is using 'NaN' option, but how to I assign -9999 as
> NaN as the !VALUES.F_NAN is write protected?
>
> Cheers
>
> Dave
>

Try:

```
array(where(array eq -9999))= !VALUES.F_NAN
```

```
result=SMOOTH(array,5,/NAN)
```

--Mike
