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Subject: Re: problems with VELOVECT  
Posted by [btt](#) on Tue, 21 Aug 2001 15:26:36 GMT  
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Hi,

Did you try pulling out the NANS? Maybe something like the following.

```
Index1 = Where( Finite(float(vv_plot)) EQ 1)
Index2 = Where( Finite(float(vw_plot[Index1])) EQ 1)
```

```
VELOVECT, VV_PLOT[Index1[Index2]], VW_PLOT[Index1[Index2]], length = 2
```

Ben

Lasse Clausen wrote:

```
>
> Greetings.
>
> I get the following error message
>
> % Compiled module: VELOVECT.
> % Attempt to subscript U with GOOD is out of range.
> % Error occurred at: VELOVECT      123
> /opt/rsi/idl_5/lib/velovect.pro
> %          VVF          68 vvf.pro
> %          AUSLESEN     121 auslesen.pro
> %          $MAIN$       37 soudan.pro
> % Execution halted at: VVF          68 vvf.pro
>
> when using this call
>
> WINDOW,/FREE,XSIZE=1100,YSIZE=900
> !MTITLE = 'velocity vector field - vel'
> !XTITLE = 'time / UTC'
> !YTITLE = 'height (km)'
> VELOVECT,VV_PLOT,VW_PLOT,LENGTH=2
>
> Can it be that this problem has to do with the fact that I'm having
> !VALUES.F_NAN values in the arrays VV_PLOT and VW_PLOT?
>
> Thanks
> Lasse Clausen
```

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