
Subject: strange results using max_value in a contour plot

Posted by [ddye](#) on Fri, 04 Oct 2002 20:04:36 GMT

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IDL version 5.4 (IRIX mipseb)

I'm encountering strange results using max_value in a contour plot. I'm attempting to set unwanted data to a # outside of the range (larger than max_value). The funny thing is the contour works fine _unless_ the unwanted values are _over_ the max_value. If I set it to zero: it plots as zero, 1/2 of the range: the appropriate color, a little over the max_value and the whole contour plots white (which is appropriate for zero values:.0000001). I read in previous posts that this was a legitimate use for max_value, what the heck is going on?

Here is the code in question:

```
.***** snip *****  
;
```

```
;the following can be used to set the bathymetry to any #  
;// v-- (changed this to lots of values)
```

```
for in=0,58 do begin  
  tmparr4[60-in,bathy[in:.*]=9.99E29  
endfor
```

```
.***** row 2 col 3  
;  
contour,tmparr4,distance,depth $  
,xrange=[1,60],yrange=[40,0] $  
,titl=titl4 $  
,levels=scale4zed $  
,c_labels=clab $  
,C_COLORS=[addC,cvec1] $  
,/fill, /closed $  
,max_value=ignore $  
,FONT=0
```
