
Subject: cgContour and NaN values

Posted by [limiqt](#) on Tue, 08 Oct 2013 17:58:09 GMT

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Dear all,

I am having some trouble using contour with data which has NaN values. My valid range of data is -1 to 1. I have also change the NaN to -999. In that case the -999 appear as the same color as -1. I would like that the NaN values appear as white. Please, Could you tell me what I am doing wrong? (I am following a example I found at http://www.idlcoyote.com/graphics_tips/contourcolors.php but Im sure i missed something)

my data is [192,145]

data

minval=-1.

maxval=1.

data=cgScaleVector(data, minval, maxval, /NaN)

cgwindow

ncontours = 10

cgLoadCT, 22, /Brewer, /Reverse, NColors=ncontours

clevels = cgScaleVector(Findgen(ncontours+1), minval, maxval, /NaN)

colors = Bindgen(ncontours+1) + 1B

cgContour, data, lons, lats, Levels=clevels, C_Colors=colors, /Fill, missing=!Values.F_Nan,

Position=[0.125, 0.125, 0.925, 0.8], /AddCmd

cgColorbar, NColors=ncontours, Range=[minval,maxval], Divisions=10, \$

Bottom=1, Ticklen=0.001, /AddCmd

Thanks

Lim.
