
Subject: contour on map

Posted by skymaxwell@gmail.com on Sun, 18 Feb 2007 12:44:26 GMT

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i have the large set of ground control stations (latitude and longitude) and values from these stations. i need to contour them on map. i write test program for 5 points

PRO map_test2

WINDOW,0,XS=500,YS=500,TITLE='Map test2'

MAP_SET,/MERCATOR,/ISOTROPIC,LIMIT=[60,0,20,40],YMARGIN=3

MAP_GRID,/BOX_AXES,COLOR=255,CHARSIZE=0.8

MAP_CONTINENTS,COLOR=160,FILL_CONTINENTS=1

lat=[21,56,36,23,55]

lon=[10,9,21,39,29]

values=[10,20,10,10,20]

;values=[[10,0],[20,0],[10,0],[10,0],[20,0]]

PLOTS,lon,lat,PSYM=2

;CONTOUR

;contour,values,LEVELS=[10,20],C_COLOR=100,/NOERASE

;contour,values,lat,lon,LEVELS=[10,20],C_COLOR=100,/NOERASE

END

how use contour procedure for connect points with the same values ?
