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Subject: Using where to create new variables of data

Posted by [morganlsilverman](#) on Fri, 29 Mar 2013 16:09:06 GMT

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Hello,

I noticed that when I use where to find locations and then create a variable using those locations such as below, I get a 1D array for adatea and a 3D array for atempa. I was expecting a 2D array for adatea. I can see how its putting the matching columns and rows into the 1D array but it makes it more complicated when I want to plot the temperature profile for that corresponding date. Is there another way to do this?

```
acitya = where(strmatch(airport.orig,'PHL ') eq 1,acounta)
s = size(airport.orig)
ncol = s(1)
cola = acitya mod ncol
rowa = acitya/ncol
atempa = airport.temp(cola,rowa,*)
adatea = airport.date(cola,rowa)
```

Thank you.

Sincerely,

Morgan

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