
Subject: Text output line too short, width = val not working

Posted by [laura.hike](#) on Thu, 04 Jun 2015 00:21:07 GMT

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Hi,

I'm writing an ascii file of data and some of the numbers are wrapping to a second line. On a couple of web pages, I find a suggested solution of adding width = somevalue to the end of my openw statement. I tried several different values, all the way up to 400, and found no change in my output. Any idea why this is? The relevant code and output lines are below. Interestingly, the header line (just text) prints out fine regardless of whether I use a width parameter.

Code lines:

```
openw, 4, outname + '.txt', width = 400
printf, 4, '  Date   DOY Time   SZA   Lat.  Lon.  Mask Type   CF   Height Pressure
Temp   Tau   LWP   r_e   R_650   R_3.75   T_650   T_3.75'
printf, 4, format = '(I4, 1X, 2(I3, 1X), I4, 1X, (A4, 1X), 2(F7.2, 1X), F7.2, 1X, 2(I4, 1X), F8.3, 1X,
F8.3, 1X, F6.1, 1X, F6.1, 1X, F7.2, 1X, F7.2, 1X, F6.1, 2(1X, F7.2))', year, month, day, doy, time,
outdata
```

Example lines:

```
  Date   DOY Time   SZA   Lat.  Lon.  Mask Type   CF   Height Pressure Temp   Tau
  LWP   r_e   R_650   R_3.75   T_650   T_3.75

2015  2  3  34 2345 -999.00 -999.00 -999.00 -999 -999 -999.000 -999.000 -999.0 -999.0 -999.00
-999.00 -999.0 -999.00 -999.00
-999.00 -999.00

2015  2  4  35 0015  38.54 -121.39  77.95   3   7   0.996  10.000 277.2 224.6 -999.00
-999.00 -999.0  26.75  27.24
 282.35 268.82
```

(If you can't see that properly in this window, only the last two numbers in each of the data "lines" is on a new line.) The crazy format statement comes from me trying to make the line as short as possible.

Thanks,

Laura
