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Subject: IDL Grib Routines

Posted by [Chip Helms](#) on Wed, 14 Aug 2013 16:57:03 GMT

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Hi all,

I'm trying to read GFS model winds out of grib2 files using Mark Piper's helper routines and I've run into an issue. The record indices for the wind components are designated as floats with '.1' for UGRD and '.2' for VGRD. Since Mark Piper's grib helper routines assume that the index is an integer, they return UGRD data for both '.1' and '.2' indices. I'm curious if anyone else has run into this issue and if anyone knows a work around for it?

Here's an example of the wgrib2 inventory output for UGRD and VGRD variables as well as a variable that has an integer index for comparison:

```
109.1:18590308:d=2013081306:UGRD:850 mb:anl:
```

```
109.2:18590308:d=2013081306:VGRD:850 mb:anl:
```

```
110:19009437:d=2013081306:TMP:10 mb:anl:
```

The files I'm opening are the operational analysis (the same issue arises with the operation forecast files as well). Worst case scenario, I can convert the files to netcdf and then open them, but that is a rather time consuming process.

Thanks in advance,

Cheers,

Chip

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