

IDL Week 2 Exercises

1. Use free-format, formatted, and the `READ_ASCII` function to read in the file 'sounding.txt'. Which results in the fewest lines of code?
2. Read 'ned.flt' and store as an array according to the dimensions in the 'ned.hdr' header file.
3. Save the resulting array as a netCDF file, including the header information as a global attribute. Compare the file size to the binary file.
4. To convince yourself that you have read in ned.flt correctly, save the array as an image. First, you will need to scale elevation values to a range of 0-255 such that the minimum value corresponds to 0 and the maximum to 255. The image should display the topography of Ft. Collins in the correct orientation.