From: Andreas Muenchow <muenchow@udel.edu>
Subject: **Web-Pages**
Date: April 21, 2010 11:35:18 AM EDT
To: MAST867

Hi all:

All your web-pages are evolving rather nicely. I see all the html elements you need to convey content. So, you all solved most aspects of the homework posed last friday. As for the form and format, I have one request that will make access to the documentation part of your code more user-friendly:

Many browsers and or security-minded operating systems may interpret file extensions such as .exe or .f or .csh or .awk etc. as potentially executable files and will not display them or even refuse downloading them. Hence, it would be best to give these files the extension .txt or .html as they will then be displayed as an ascii text file that should not cause any trouble with any browsers. This could be done, for example, if your proc2.csh file contains a line at the end like

cp proc2.csh ~/Sites/proc2.txt

and similar for all files that you display on the website for documentation purposes. Also, this way you display on the web the latest version that you executed, so it is always up-to-date. You can also include comments and explanations inside the very scripts that you are executing and this will become part of the documention. It is also good programming practice that some of you are alrady doing. Document as you go, then you safe yourself the need for a big report at the end.

On the content portion of the web-sites, I strongly encourage you to contour or color only areas that actually contain data. Looking at most of your posted imagery, almost all of you display areas where no data exist as the gridding program extrapolates. This makes it almost impossible to interpret the physical nature of the field displayed. You almost always chose regions that are too big. There should be some connection between the subregion your are setting in getbin.f and the grid that you subsequently display with map.g ... the purpose of getbin.f is that it searches data fast, thus reduces the data volume, which then allows the very slow gridding routines to execute faster.

Now that we all have all the tools in place to do ANYTHING we may want, we need to think more careful what it is that we want to investigate. The eruption of the volcano on Iceland and its impact on local ocean and atmospheric conditions is just one example.

And on that note, I am delighted to not that group-2 posted the first pre-processed image on the web

http://muenchow.cms.udel.edu/~xiangbai/images/Mar25.bmp

Well done, keep up the good work.

andreas

P.S.: Try and start focus more on the scientific content that may be in the data and the images ... a smaller study area may be easier to work with at first as you develop a feel on what is data and what is noise and what is extrapolation.

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