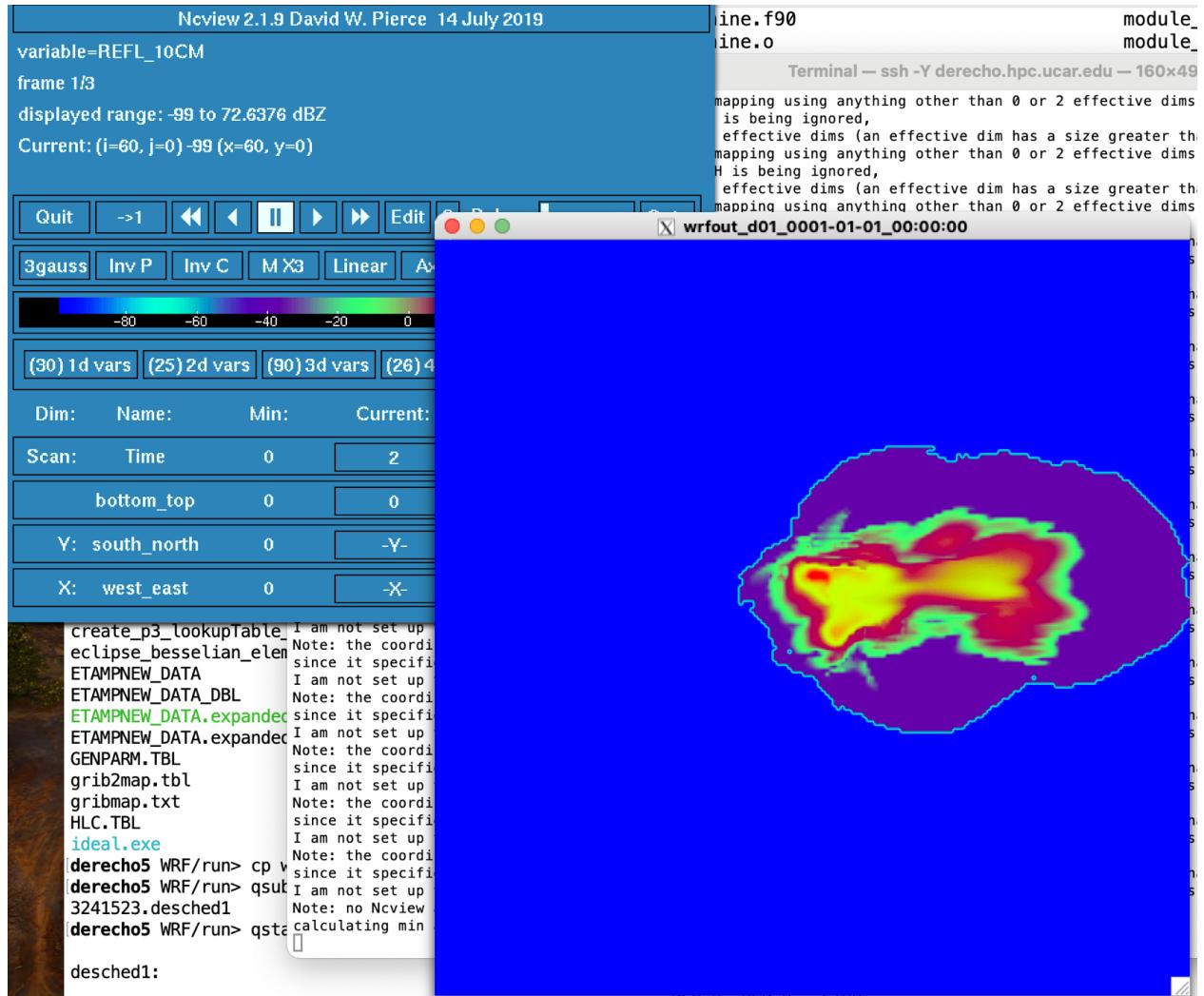
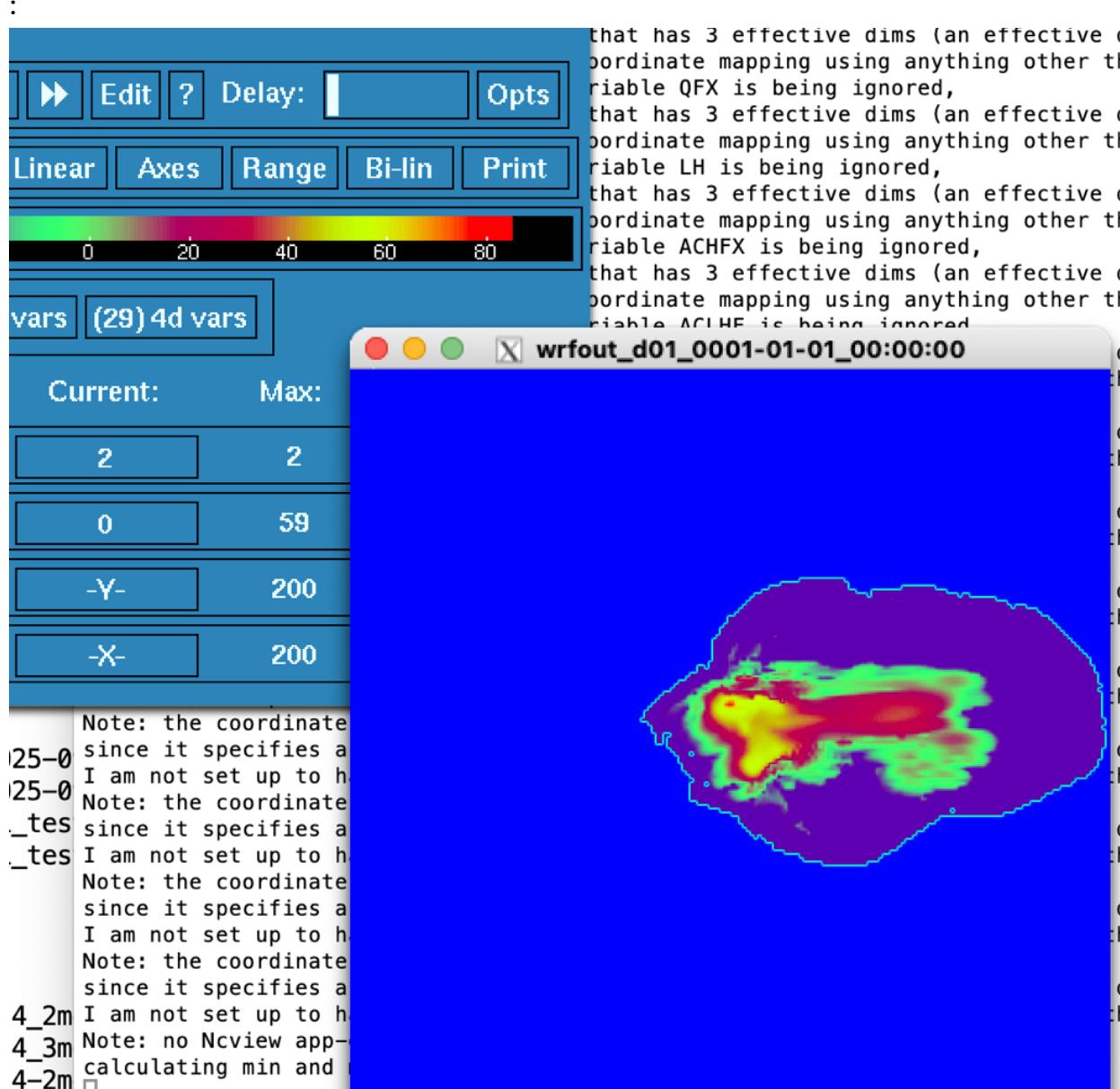


P3 tested in WRFv4.7.1 for the idealized quarter_ss case. Run completes for MP=50 and 51. Not tested for MP=52 and 53 (2cat and 3cat), but I expect it works. One troubling thing is that there are some horizontal striations in the reflectivity field. Will dig into this issue more.

Lowest level Ze for MP = 50:



For MP = 51:



There are holes in the reflectivity field using the standard setup in WRF, but this is from using positive definite but non monotonic advection. The above plots use monotnoic advection. Here is MP = 51 w/o monotonic advection:

