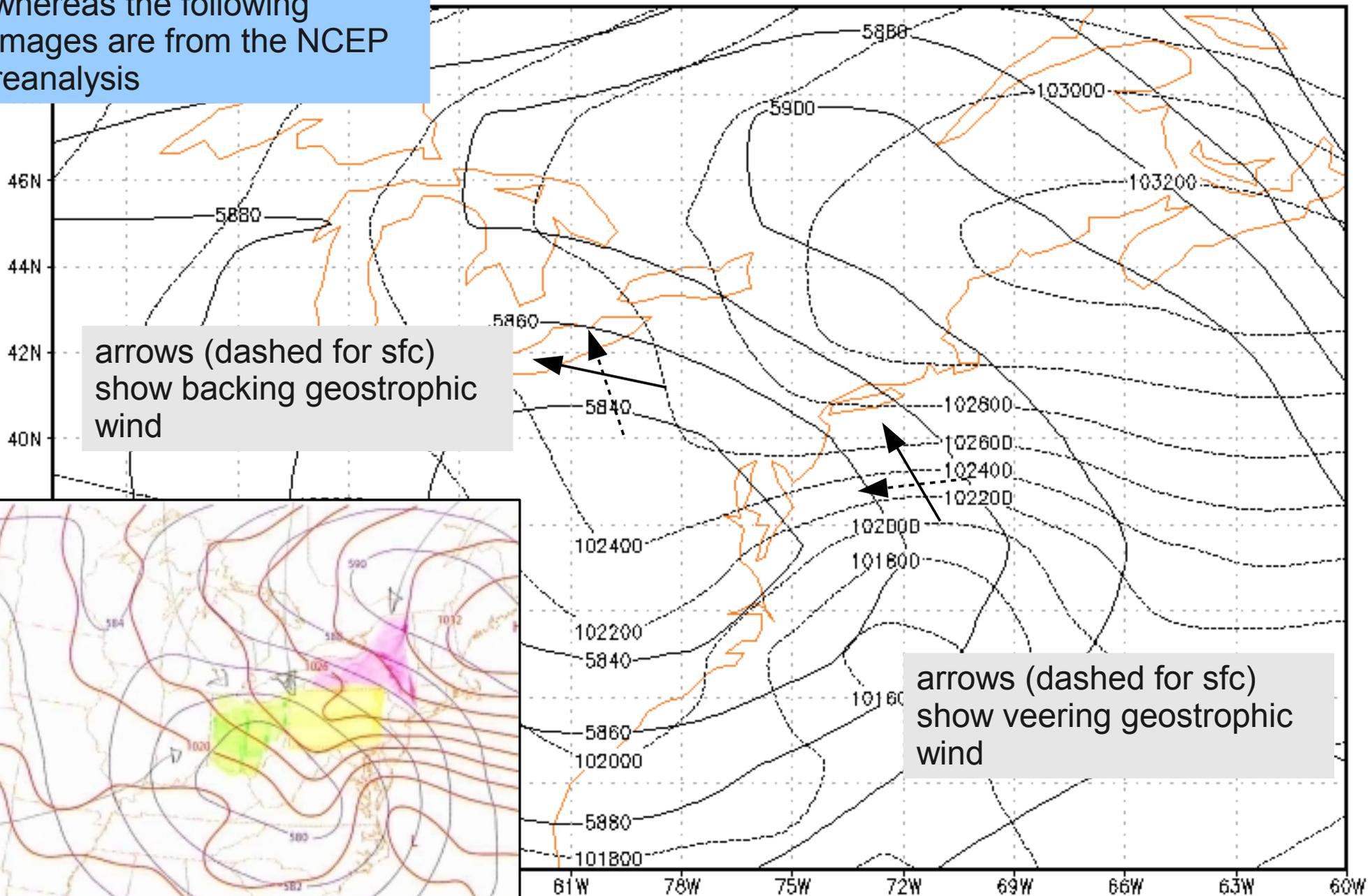


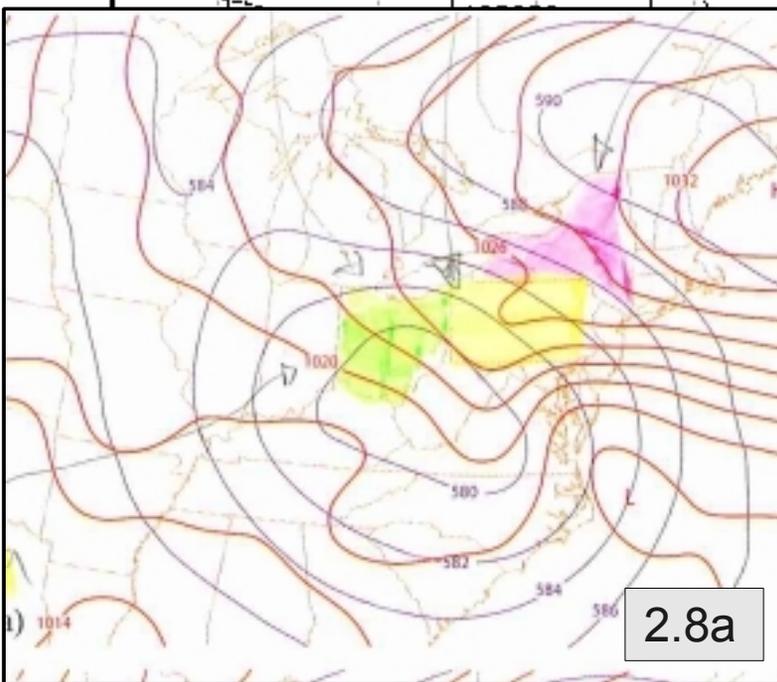
Note: Lackmann's Fig. 2.8 is based on a 54-h NAM prog, whereas the following images are from the NCEP reanalysis

Reanalysis II 20090910@18Z 500 hPa height and Pmsl



arrows (dashed for sfc) show backing geostrophic wind

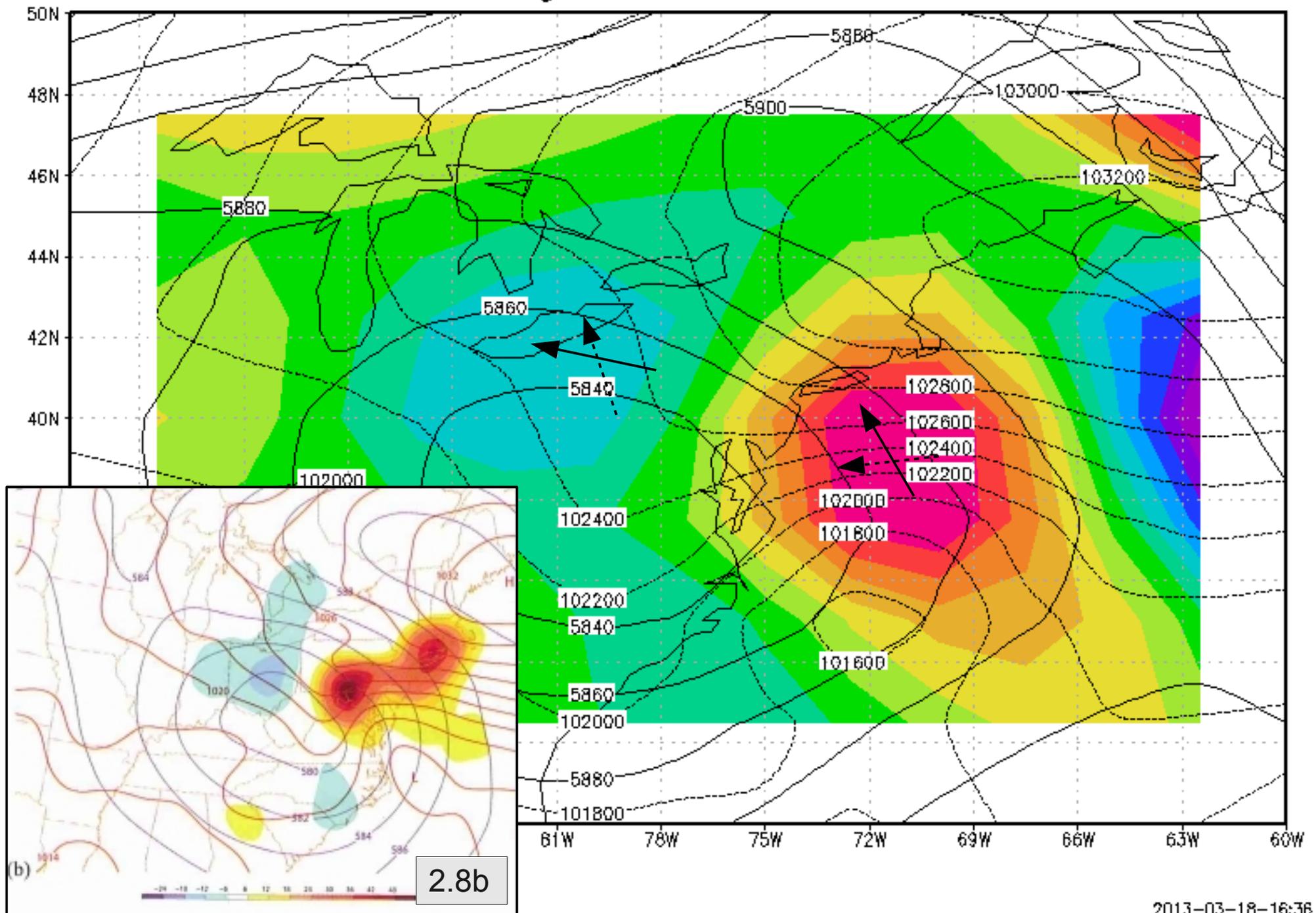
arrows (dashed for sfc) show veering geostrophic wind



2.8a

Reanalysis II 20090910@18Z

500 hPa height, Pmsl, 850 hPa T-advec



Reanalysis II 20090910@18Z
omega at 850 hPa, 850 hPa T-advect

