

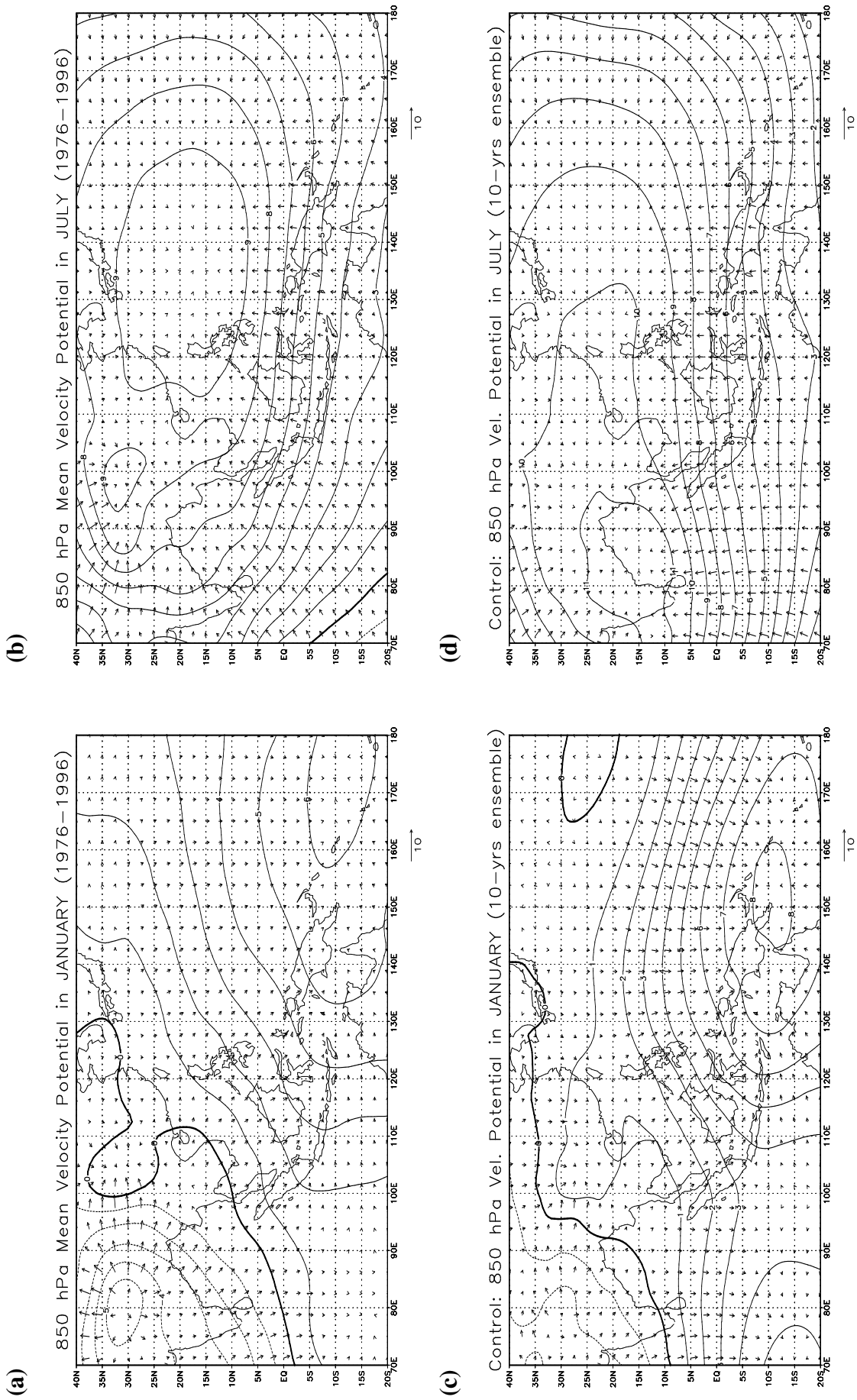


Figure 9.6: (a) and (b): observed 850 hPa velocity potential ($\times 10^6 \text{ m}^2 \text{ s}^{-1}$) for January and July, respectively [21-year mean (1976–96), after NCEP/NCAR Reanalysis]. (c) and (d): similar to (a) and (b), but for the control simulations [composite 10-case ensemble]. Arrows represent its associated divergent flow (i.e. divergent wind vector in ms^{-1}).