Figure 3. One-year running mean time series of $(1/\beta\rho)\partial[\mathrm{Curl}(\tau)]/\partial y$ (term inside the integral (1)) (m s^{-1}), averaged over 150°W-110°W. Negative values (blue) produce a westward tendency, positive (red) eastward. ERS winds are shown before April 2000, and QuikSCAT winds thereafter. No blending of the winds was done; the two plot panels are independent. For the QuikSCAT winds, which have much finer detail than ERS, the region immediately adjacent to the Marquesas Islands (7.5°S-11°S, 145°W-141°W) is omitted from the average to avoid the very large curl due to wind funneling around the high mountains of the islands.