



Pressure perturbations on the flank of the updraft in simulated storm with no cold pool.

FIG. 16. A three-dimensional perspective (looking west) of the updraft ($>20 \text{ m s}^{-1}$) together with (a) perturbation pressure ($< -3.6 \text{ mb}$); (b) shear-induced pressure ($< -3.6 \text{ mb}$); and (c) forcing associated with the shear terms (< -0.02 , units irrelevant) for the no-precipitation simulation at $t = 150 \text{ min}$ on a $20 \times 20 \text{ km}$ portion of the computational domain. The vertical scale is exaggerated by a factor of 2.