Fig. 5. Time-height cross-sections of maximum vertical vorticity and maximum vertical velocity for regions in or near mesocyclone B in CAPE5 and mesocyclone/NST B in CAPE17. Contour intervals are 0.1 s⁻¹ and 4 m s⁻¹ for the maximum vertical vorticity and maximum vertical velocity, respectively.
Fig. 6. Time-height cross-sections of maximum vorticity tendency stretching term values associated with the evolution of misocyclone B in CAPE5 and misocyclone/NST B in CAPE17. The stretching term contours shown are 30, 100, 200 and $300 \times 10^{-4}$ s$^{-2}$. 
Fig. 7. Plan view of contoured surface vertical vorticity at the outflow leading edge for the series of vortex sheet strength experiments and BASE at 1860 s. Contours are 0.05, 0.10, 0.20, and 0.30 s⁻¹. An added contour of 0.025 s⁻¹ is utilized for the VSS5 trial, to depict the very weak vorticity pattern indigenous to this run.
Fig. 8. Horizontal cross-section at 1860s of vertical velocity at 2000 m (cloud base) for the series of vortex sheet strength experiments. The dark shading denotes areas of updraft greater than 10 m s$^{-1}$ and the contour interval is 4 m s$^{-1}$. 