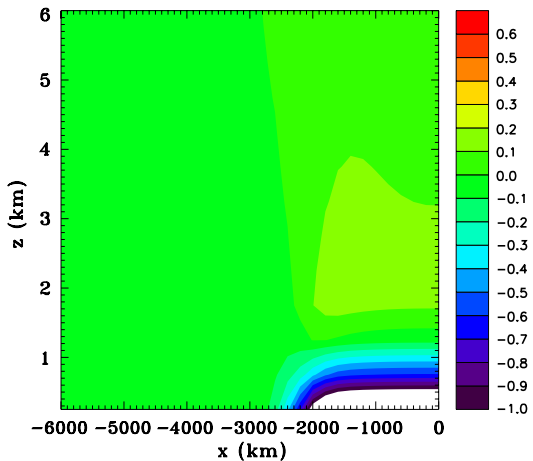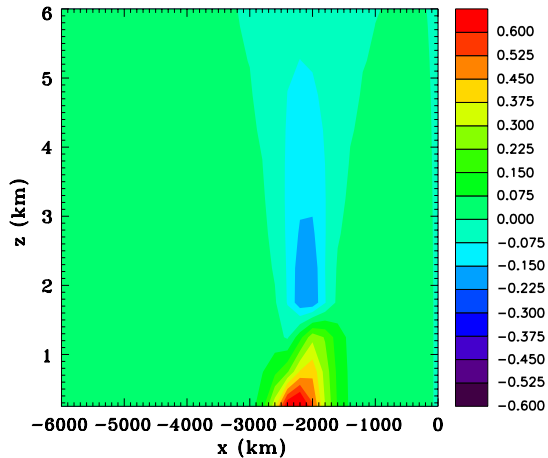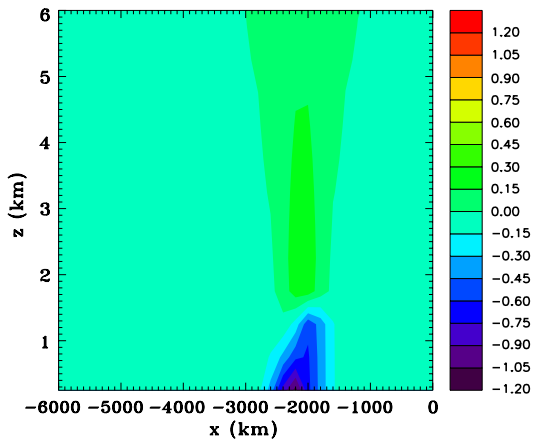(a) Pressure perturbation

(b) x component of velocity (u)

(c) y component of velocity (v)

(d) Speed and velocity vectors   z=15.25 km