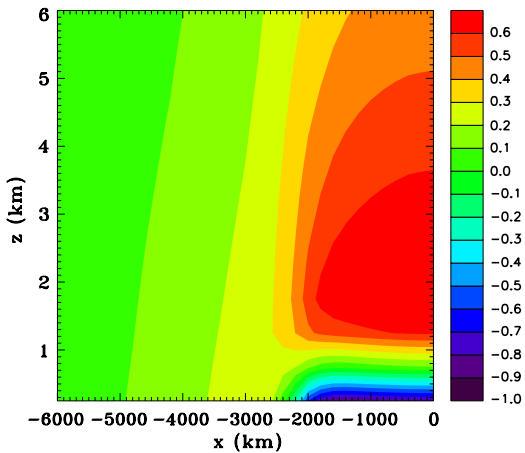
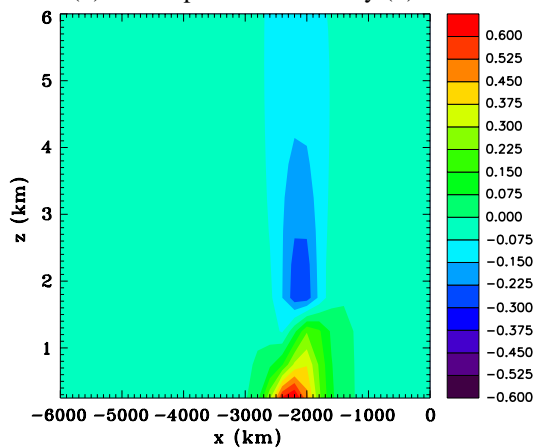
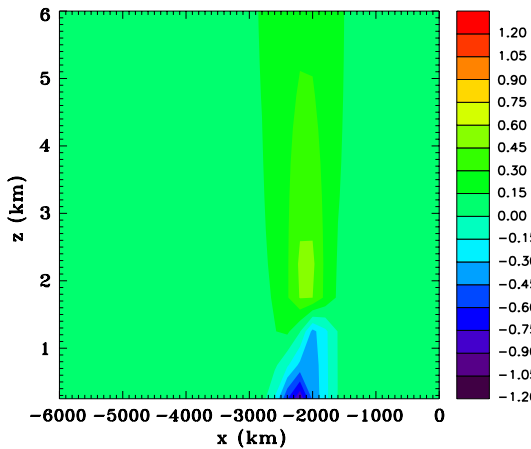


(a) Pressure perturbation

(b) x-component of velocity ( $u$ )(c) y-component of velocity ( $v$ )(d) Speed and velocity vectors  $z=15.25$  km