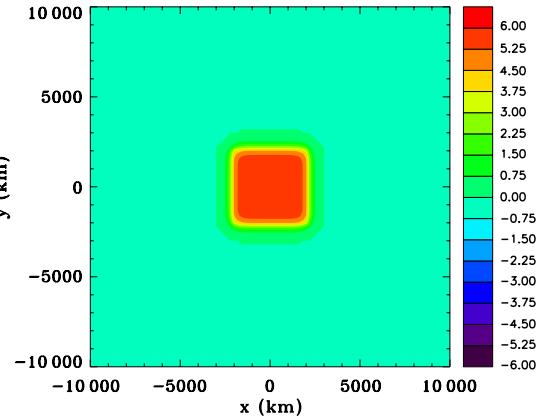
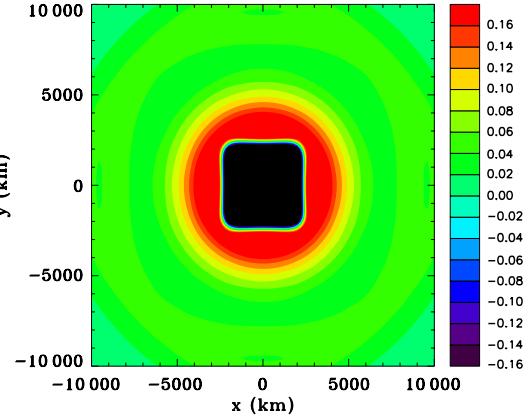


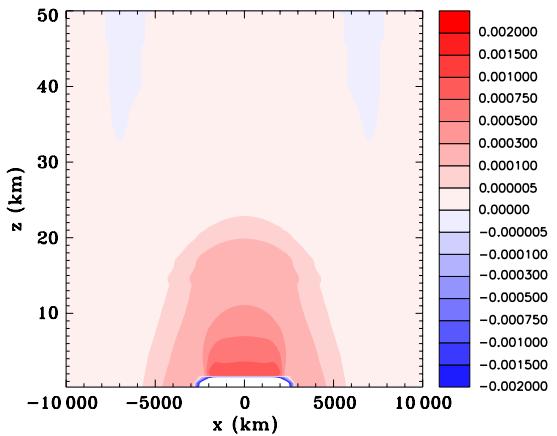
(a) Potential temperature perturbation



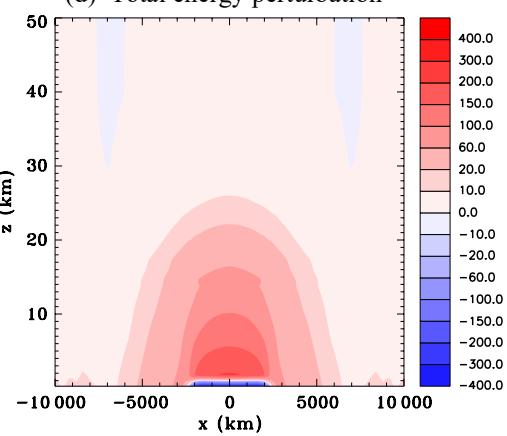
(b) Pressure perturbation



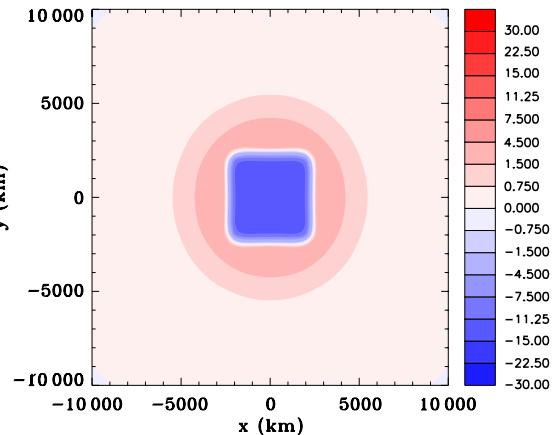
(c) Density perturbation



(d) Total energy perturbation



(e) Vertically summed mass change

(f) x component of velocity ( $u$ )