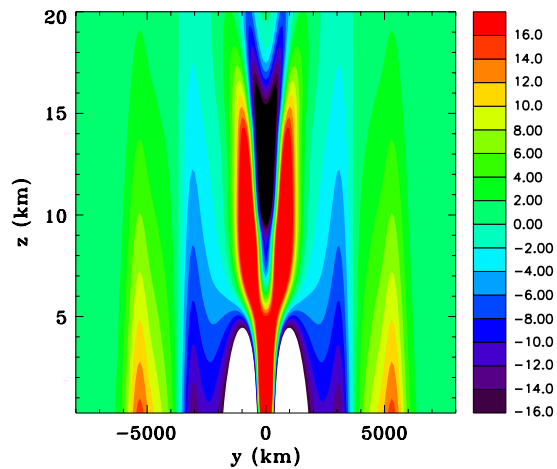
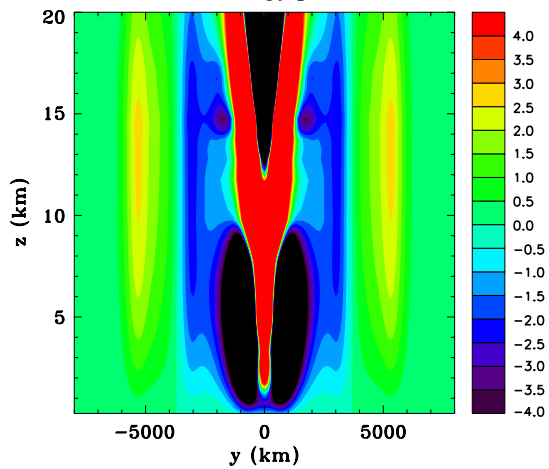


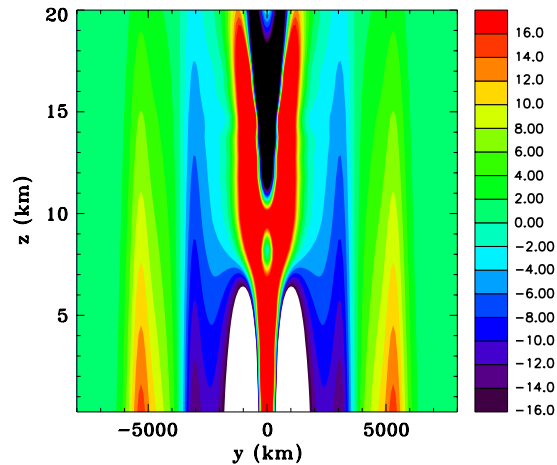
(a) Internal energy perturbation



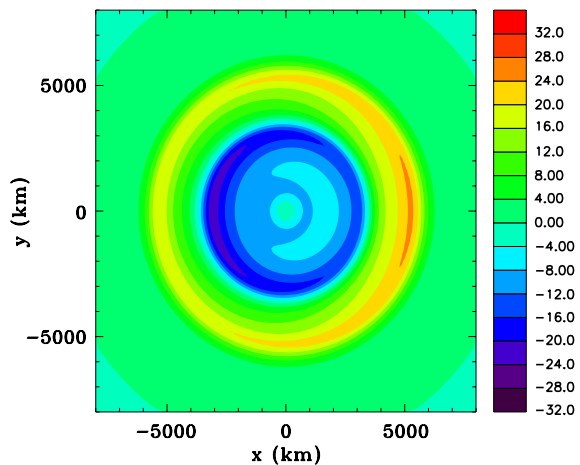
(b) Potential energy perturbation



(c) Total energy perturbation



(d) Vertically summed total energy



(e) Vertically summed mass change

