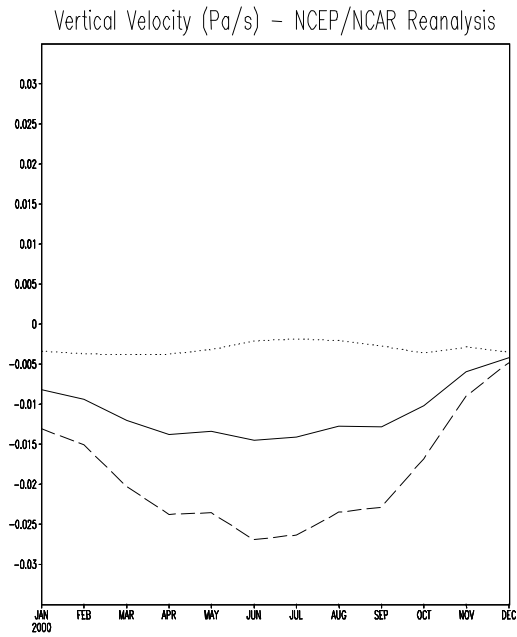
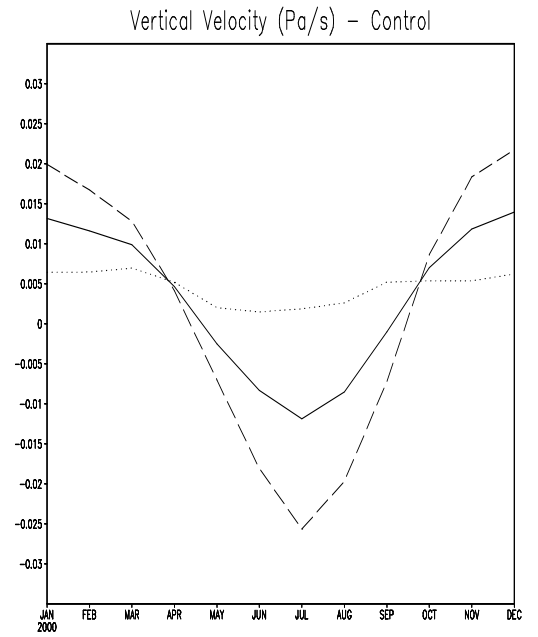


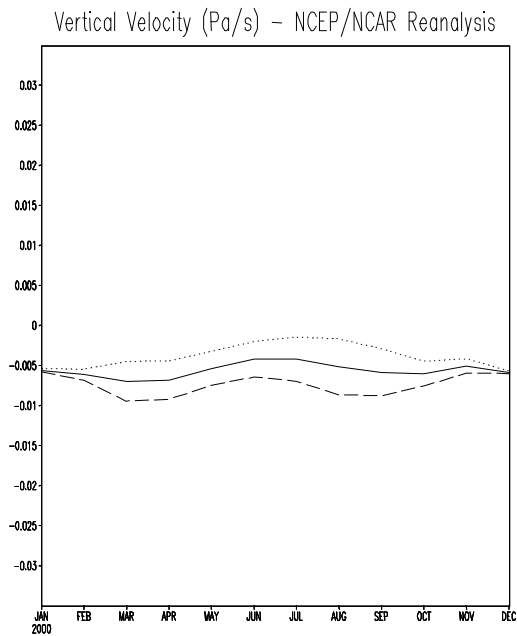
(a)



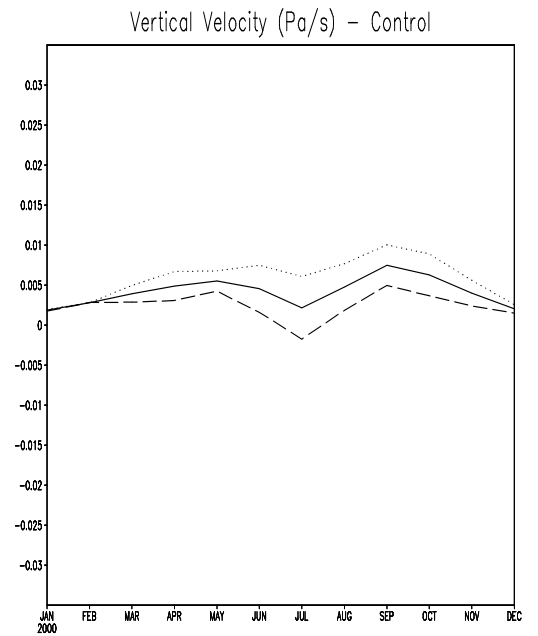
(b)



(c)



(d)



**Figure 5.1:** Spatially averaged seasonal cycle of vertical velocity near the surface: (a) NCEP/NCAR Reanalysis (mean for 1976-96), and (b) Zhang *et al.* (1996a, b) control experiment, both for area bounded by 15°S to 30°N, 90°E to 130°E. (c) and (d) as for (a) and (b) respectively, but only for equatorial region, 15°S to 15°N, 90°E to 130°E.  
( ..... for area east of 110°E; — — — west of 110°E; \_\_\_\_\_ mean )