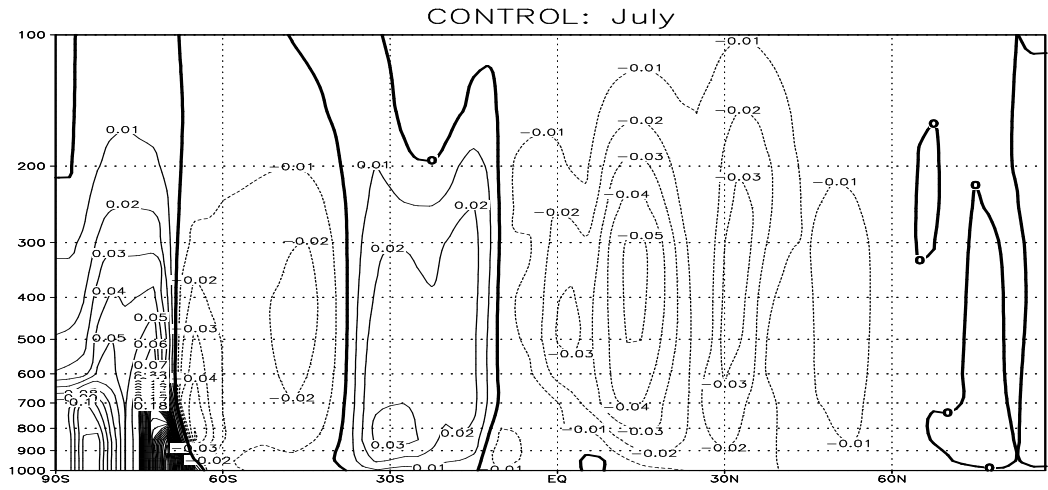
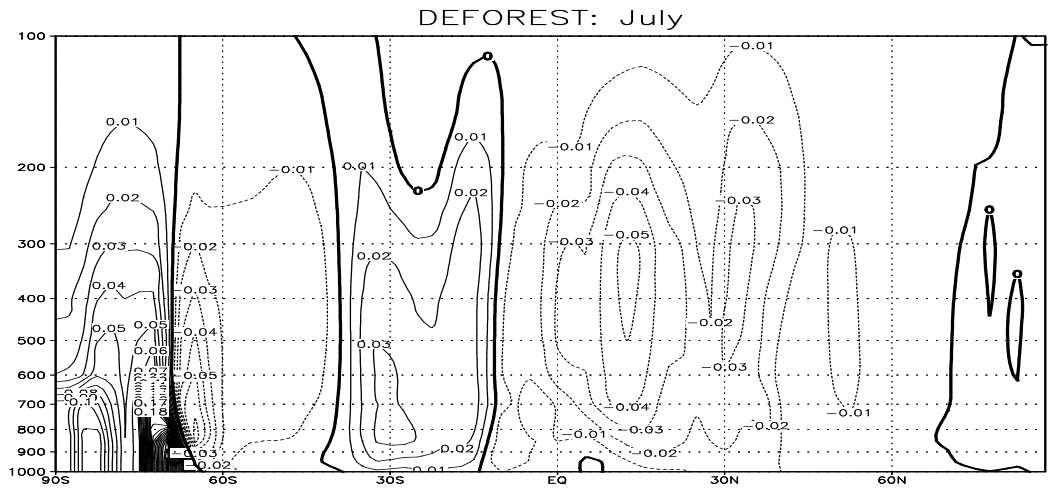


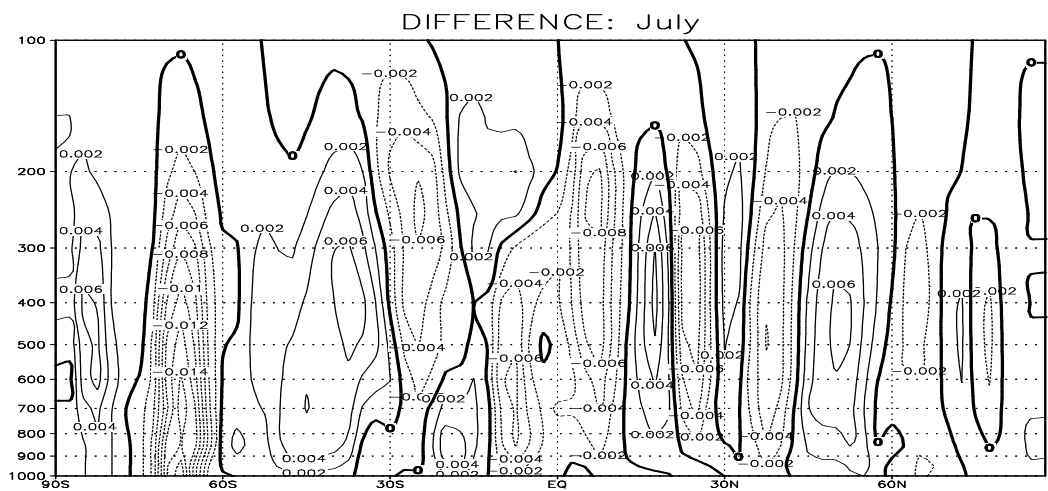
(a)



(b)



(c)



**Figure 10.4:** Change of Hadley circulation (zonal average of vertical velocity from  $90^{\circ}\text{E}$  to  $150^{\circ}\text{E}$ ) ( $\text{Pa/s}$ ) in July (composite from 10-case ensemble).