

Table 4.4: Comparison of annually averaged climatic changes for the Amazon region from previous GCM simulations of tropical deforestation.

Reference:	Henderson-Sellers and Gornitz (1984)	Dickinson and Henderson-Sellers (1988)	Lean and Warrilow (1989)	Shukla et al. ^a (1990)	Myhre and Rowntree (1992)	Lean and Rowntree (1993)	Henderson-Sellers et al. (1993)	Polcher and Laval (1994a, b)	McGuffie et al. (1995)	Zhang et al. (1996a, b)
Version of GCM:	GISS Grid 8° x 10°	CCMOB Spectral (R15) 4.5° x 7.5°	UKMO Grid 2.5° x 3.75°	NMC Spectral (R40) 1.8° x 2.8°	UKMO Grid 2.5° x 3.75°	UKMO Grid 2.5° x 3.75°	CCM1-Oz Spectral (R15) 4.5° x 7.5°	LMD Grid 2.0° x 5.6°	CCM1-Oz Spectral (R15) 4.5° x 7.5°	CCM1-Oz Spectral (R15) 4.5° x 7.5°
Annual average change in temperature [$^{\circ}$ T in $^{\circ}$ C]	0	+3	+2.4	+2	-0.11	+2	+0.6	+3.8	+0.3	+0.3
Annual average change in precipitation [$^{\circ}$ P in mm.]	-220	0	-490	-640	-335	-295	-588	+394	-437	-402 ^b -306 ^c -96 ^d
Annual average change in evaporation [$^{\circ}$ E in mm.]	-164	-200	-310	-500	-176	-200	-232	-985	-231	-222
Annual average change in moisture flux convergence [$^{\circ}$ P - $^{\circ}$ E) in mm.]	-56	+200	-180	-140	-159	-95	-356	+1380	-206	-180

^aNobre et al. (1991) reports in more detail^bfrom total annual precipitation^cfrom annual convective precipitation^dfrom annual large-scale precipitation