

Table 9.4: Monthly average atmospheric radiative energy budget for the control, deforestation and difference (deforested - control) over the Southeast Asian study area based on 10-case ensemble. Units are Wm^{-2} for all quantities except total cloud which is percentage.

Quantity		January	July
Incoming solar radiation at the top of the atmosphere	Control	392.69	407.59
	Deforest.	392.69	407.59
	Difference	-	-
Outgoing SW radiation at the top of the atmosphere	Control	89.91	91.60
	Deforest.	94.83	94.21
	Difference	+4.92	+2.61
Net solar radiation at the top of the atmosphere	Control	302.78	315.99
	Deforest.	297.86	313.38
	Difference	-4.92	-2.61
Net solar radiation at the surface	Control	221.11	228.77
	Deforest.	215.78	225.91
	Difference	-5.36	-2.86
Net upward LW radiation at the surface	Control	47.51	42.71
	Deforest.	47.58	42.97
	Difference	+0.07	+0.26
Outgoing LW radiation at the top of the atmosphere	Control	255.35	241.82
	Deforest.	253.44	240.61
	Difference	-1.91	-1.21
Net radiative energy at the surface	Control	173.60	186.06
	Deforest.	168.16	182.94
	Difference	-5.44	-3.12
Total cloud amount	Control	66.6	71.3
	Deforest.	68.8	71.7
	Difference	+2.2	+0.4
Net radiative energy absorbed by the atmosphere	Control	-126.17	-111.89
	Deforest.	-123.74	-110.76
	Difference	+2.43	+1.13