

**Table 9.3:** Monthly average surface radiative energy budget for the control, deforestation and difference (deforested - control) over the Southeast Asia study area (based on 10-case ensemble). Units are  $\text{Wm}^{-2}$  for all variables except total cloud which is percentage.

Variables		January	July
Net down surface solar SW flux	Control	221.11	228.77
	Deforest.	215.75	225.91
	Difference	-5.36	-2.86
Net down solar SW flux on land surface <sup>#</sup>	Control	34.83	35.42
	Deforest.	33.28	34.16
	Difference	-1.55	-1.26
Net down solar SW flux on open sea <sup>▽</sup>	Control	229.21	237.90
	Deforest.	224.51	235.94
	Difference	-4.70	-1.96
Net down surface LW flux	Control	-47.51	-42.71
	Deforest.	-47.58	-42.97
	Difference	-0.07	-0.26
Net down LW flux on land surface <sup>#</sup>	Control	-7.74	-6.20
	Deforest.	-8.61	-6.67
	Difference	-0.87	-0.47
Net down LW flux on open sea <sup>▽</sup>	Control	-48.94	-44.91
	Deforest.	-47.95	-44.67
	Difference	+0.99	+0.24
Total cloud amount (whole region)	Control	66.6	71.3
	Deforest.	68.8	71.7
	Difference	+2.2	+0.4
Total cloud amount on land <sup>#</sup>	Control	66.3	79.0
	Deforest.	66.7	77.3
	Difference	+0.4	-1.7
Total cloud amount on open sea <sup>▽</sup>	Control	66.9	63.5
	Deforest.	71.0	66.0
	Difference	+4.1	+2.5

<sup>#</sup> On 38 land-points (deforested region)<sup>▽</sup> On 142 sea-points

Table 9.3 (continued):

Variables		January	July
Net radiative energy at the surface (whole region)	Control	173.60	186.06
	Deforest.	168.16	182.94
	Difference	-5.44	-3.12
Net radiative energy on land surface <sup>#</sup>	Control	27.09	29.22
	Deforest.	24.67	27.49
	Difference	-2.42	-1.73
Net radiative energy on open sea <sup>∇</sup>	Control	180.27	192.99
	Deforest.	176.56	191.27
	Difference	-3.71	-1.72

<sup>#</sup> On 38 land-points (deforested region)

<sup>∇</sup> On 142 sea-points