

# SUPPLEMENTARY DATA

FIG. S1. Variation of the maximum and minimum temperature, expressed as annual means and as the May–September period, at the four sampling sites (note graphs have different scales).

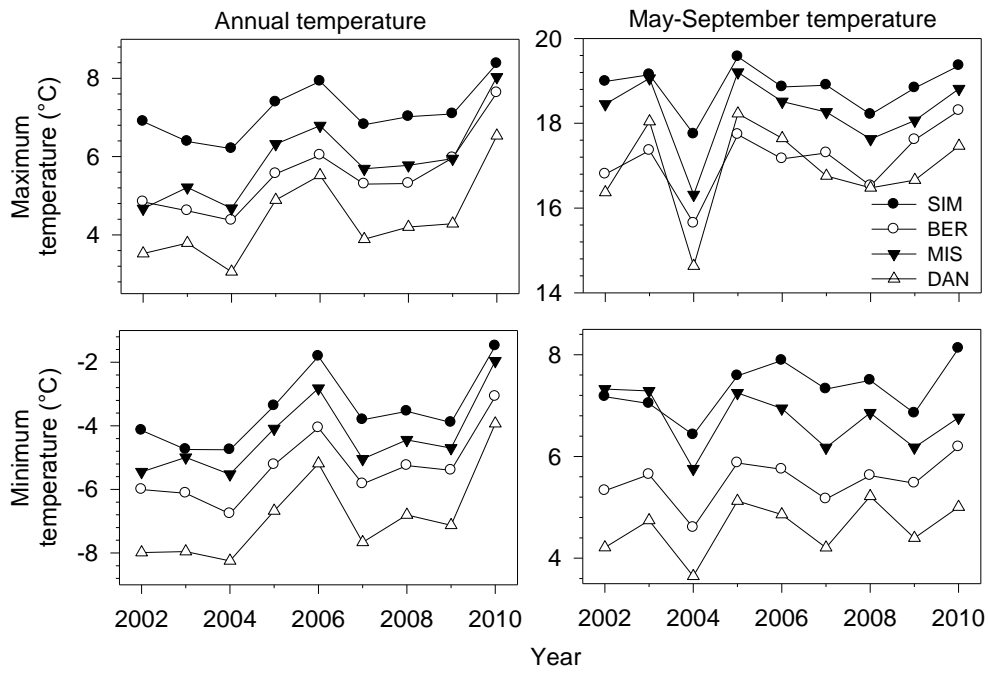


FIG. S2. Deviation from the average temperature of the period 1950–2010, in the form of difference between the actual and historical mean temperatures.

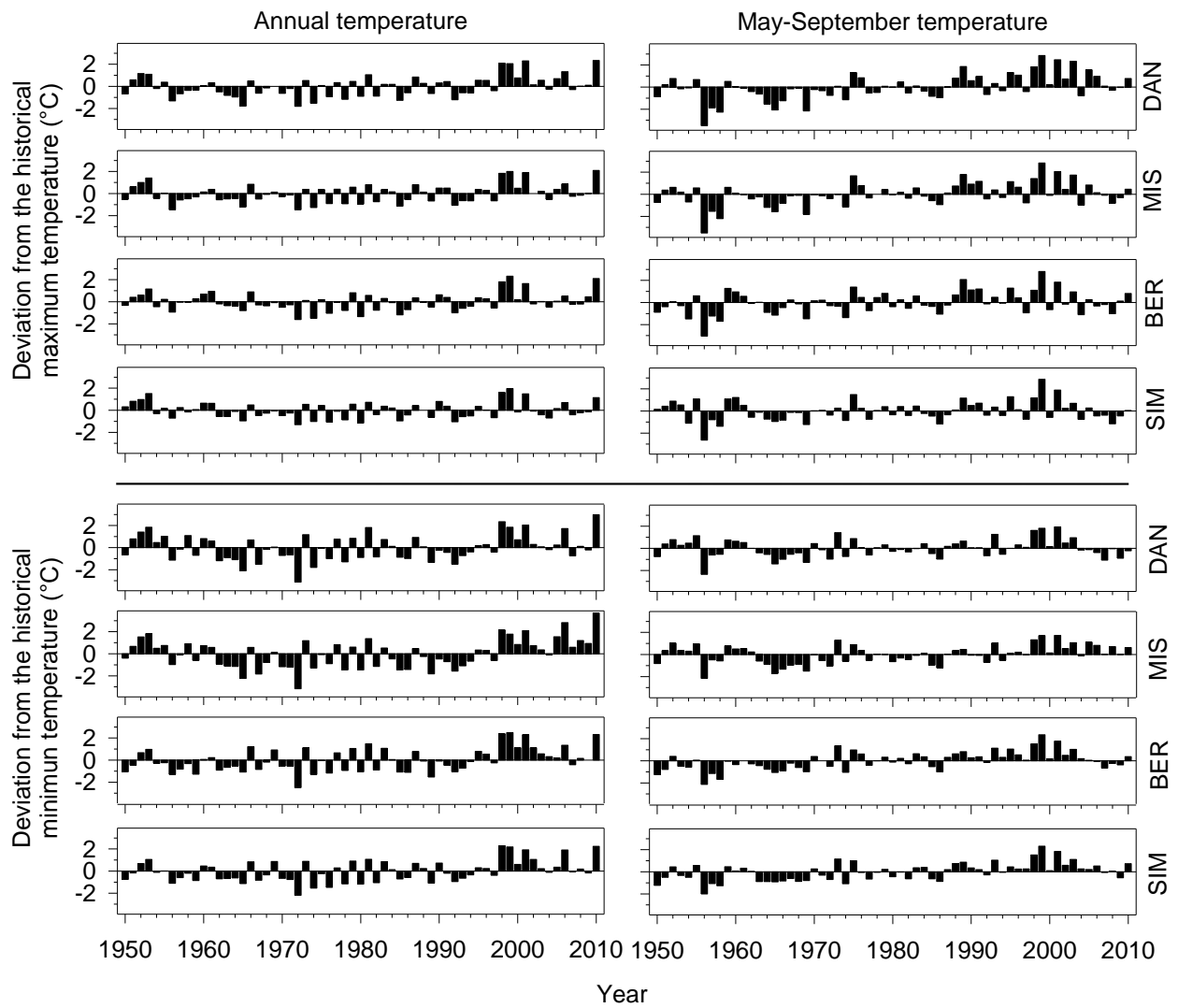


TABLE S1. Relationships (in the form of linear regressions) between measured and estimated temperatures at the four study sites for the overlapping years 2002–2004. All models were significant at  $P < 0.0001$ .

Temperature	Site	Annual			May–September		
		Intercept	Slope	R square	Intercept	Slope	R square
Minimum	DAN	0.80	0.95	0.87	2.22	0.82	0.62
	MIS	-0.35	0.96	0.87	1.66	0.76	0.57
	BER	0.93	0.90	0.86	2.37	0.77	0.60
	SIM	0.82	0.90	0.86	2.95	0.73	0.56
Maximum	DAN	0.96	0.97	0.93	4.02	0.82	0.72
	MIS	0.87	0.99	0.94	3.76	0.85	0.71
	BER	0.81	0.97	0.93	3.82	0.81	0.69
	SIM	0.52	0.98	0.92	4.52	0.79	0.67