

Supplementary Table ST2. Baselines of annual precipitation, mean daily minimum and mean daily maximum temperatures at three locations in the Sahel, and changes projected by three Global Climate Models, for two greenhouse gas emissions scenarios, and for three future time periods.

GCM	Time	Precipitation (mm)		Minimum temp. (°C)		Maximum temp. (°C)	
		ΔB2a	ΔA2a	ΔB2a	ΔA2a	ΔB2a	ΔA2a
Old Peanut Basin, Senegal (14.8°N; -16.7°E)							
CCCMA	2020s	+37	+73	+1.2	+1.1	+1.1	+1.1
	2050s	+17	+88	+1.9	+2.1	+1.8	+2.0
	2080s	+31	-6	+2.5	+3.5	+2.4	+3.4
HADCM3	2020s	+38	-109	+0.8	+0.7	+0.8	+0.7
	2050s	-5	-125	+1.7	+1.6	+1.6	+1.6
	2080s	-166	-196	+2.1	+2.6	+2.1	+2.6
CSIRO	2020s	0	+6	+0.9	+0.9	+0.8	+0.9
	2050s	+47	+23	+1.7	+1.6	+1.6	+1.5
	2080s	+61	+69	+2.3	+2.8	+2.2	+2.6
Baseline		526		19.1		33.4	
Ségou, Mali (13.4°N; -6.3°E)							
CCCMA	2020s	+74	+7	+1.5	+1.6	+0.7	+1.1
	2050s	+72	+112	+2.4	+2.8	+1.5	+1.5
	2080s	+131	+46	+3.0	+5.0	+1.6	+3.9
HADCM3	2020s	+28	-29	+1.2	+1.3	+1.0	+1.2
	2050s	+1	-59	+2.2	+2.9	+2.0	+2.6
	2080s	-85	-187	+3.4	+5.0	+3.5	+5.1
CSIRO	2020s	-48	+45	+1.5	+1.4	+1.5	+1.1
	2050s	-60	-102	+2.3	+2.6	+2.3	+2.4
	2080s	-112	-223	+3.3	+4.2	+3.3	+4.3
Baseline		638		20.7		34.9	
Zinder, Niger (13.8°N; 9.0°E)							
CCCMA	2020s	+36	+14	+1.3	+1.5	+0.5	+0.9
	2050s	+43	+55	+2.3	+2.8	+1.6	+1.7
	2080s	+9	-13	+3.1	+4.8	+2.4	+4.2
HADCM3	2020s	+2	+19	+1.2	+1.4	+1.1	+0.9
	2050s	+25	+41	+2.1	+2.7	+1.7	+2.1
	2080s	+43	+38	+3.1	+4.2	+2.7	+4.0
CSIRO	2020s	+3	+24	+1.5	+1.4	+1.4	+1.2
	2050s	-8	-17	+2.5	+2.4	+2.3	+2.4
	2080s	-40	-59	+3.5	+4.1	+3.3	+4.2
Baseline		367		21.0		35.3	