

Variable	CTEM-CRUNCEP	CTEM-GEM	CTEM-CRUNCEP2yr
Gross primary productivity (Pg C yr ⁻¹)	118.0	97.0	139.8
Net primary productivity (Pg C yr ⁻¹)	58.0	47.0	70.0
Autotrophic respiration (Pg C yr ⁻¹)	60.5	49.6	69.8
Heterotrophic respiration (Pg C yr ⁻¹)	57.5	47.4	70.0
Litter carbon respiration (Pg C yr ⁻¹)	40.8	33.4	49.4
Soil carbon respiration (Pg C yr ⁻¹)	16.7	13.7	20.5
Vegetation biomass (Pg C)	674.0	544.0	829.2
Litter mass (Pg C)	97.0	79.0	108.9
Soil carbon mass (Pg C)	1410.0	1162.0	1843.0
Mean areal precipitation (mm yr ⁻¹) (global)	760.0	762.0	828.0
Mean areal precipitation (mm yr ⁻¹) (30° N–30° S)	1047.0	984.0	1139.0
Gross primary productivity (Pg C yr ⁻¹) (30° N–30° S)	80.7	60.9	95.5