

Metric	CLM5 Variable	Metric Category	Measure	Globally	By Whittaker Biome
Annual Mean					
Mean albedo	Calculated quantity	Albedo and shortwave radiation	Mean	Yes	Yes
Mean absorbed shortwave radiation	FSA		Mean	Yes	Yes
Mean emitted longwave radiation	FIRE	Temperature and longwave radiation	Mean	Yes	Yes
Mean near-surface air temperature	TSA		Mean	Yes	Yes
Mean land skin temperature	TSKIN		Mean	Yes	Yes
Mean latent heat flux	EFLX_LH_TOT	Water and turbulent fluxes	Mean	Yes	Yes
Mean sensible heat flux	FSH		Mean	Yes	Yes
Mean near-surface specific humidity	Q2M		Mean	Yes	Yes
Mean zonal momentum flux	TAUX	Wind and roughness	Mean	Yes	Yes
Mean 10 meter wind speed	U10		Mean	Yes	Yes
LAC Area (DJF)	Calculated quantity*	Land-atmosphere coupling (LAC)	Mean	Yes	No
LAC Area (JJA)	Calculated quantity*		Mean	Yes	No
LAC Area (MAM)	Calculated quantity*		Mean	Yes	No
LAC Area (SON)	Calculated quantity*		Mean	Yes	No
Interannual Variability					
Mean albedo	Calculated quantity*	Albedo and shortwave radiation	IAV	Yes	Yes
Mean absorbed shortwave radiation	FSA		IAV	Yes	Yes
Mean emitted longwave radiation	FIRE	Temperature and longwave radiation	IAV	Yes	Yes
Mean near-surface air temperature	TSA		IAV	Yes	Yes
Mean land skin temperature	TSKIN		IAV	Yes	Yes
Mean latent heat flux	EFLX_LH_TOT	Water and turbulent fluxes	IAV	Yes	Yes
Mean sensible heat flux	FSH		IAV	Yes	Yes
Mean near-surface specific humidity	Q2M		IAV	Yes	Yes
Mean zonal momentum flux	TAUX	Wind and roughness	IAV	Yes	Yes
Mean 10 meter wind speed	U10		IAV	Yes	Yes