

Temporal resolution	Variable name	Description	Unit
Daily only	tasmax	Maximum air temperature at 1.5 m above ground	K
	tasmin	Minimum air temperature at 1.5 m above ground	K
Daily and monthly	pr	Mean precipitation flux	$\text{mm s}^{-1}$
	prbc	Bias-corrected pr (Sect. 4.1.2)	$\text{mm s}^{-1}$
	pepm	Penman–Monteith potential evaporation (Sect. 3.3)	$\text{mm day}^{-1}$
	pepm_adjrs (future only)	Future Penman–Monteith potential evaporation with stomatal resistance adjusted to atmospheric CO <sub>2</sub> concentration (Sect. 3.3)	$\text{mm day}^{-1}$
	tdps	Mean dew-point temperature at 1.5 m above ground	K
	wss	Mean wind speed at 10 m above ground	$\text{m s}^{-1}$
	rsds	Mean incoming shortwave radiation at the surface	$\text{W m}^{-2}$
	rlds	Mean incoming longwave radiation at the surface	$\text{W m}^{-2}$
	rss	Mean net shortwave radiation at the surface	$\text{W m}^{-2}$
	rls	Mean net longwave radiation at the surface	$\text{W m}^{-2}$
hfls	Mean latent heat flux at the surface	$\text{W m}^{-2}$	
psl	Mean sea level pressure	Pa	
Five-day averages and monthly	hfss	Mean sensible heat flux at the surface	$\text{W m}^{-2}$
	moisture_content_of_soil_layer	Mean soil moisture content in each layer	m
Monthly only	tas	Mean air temperature at 1.5 m above ground	K
	prsn	Total snowfall flux	$\text{mm s}^{-1}$
	prrc	Convective rainfall flux	$\text{mm s}^{-1}$
	prunc	Convective snowfall flux	$\text{mm s}^{-1}$
	clt	Fractional cloud cover	–