

Variable	Name	Unit	Comment
clt	Total cloud fraction	%	For the whole atmospheric column, as seen from the surface or the top of the atmosphere; includes both large-scale and convective clouds
IWP	Ice water path	kg m^{-2}	
LWP	Liquid water path	kg m^{-2}	
lw_cre	TOA longwave cloud radiative effect	W m^{-2}	
pr	Precipitation	$\text{kg m}^{-2} \text{ s}^{-1}$	At surface; includes both liquid and solid phases from all types of clouds (both large-scale and convective)
psl	Air pressure at sea level	Pa	
rlds (LWD)	Surface downwelling longwave radiation	W m^{-2}	At the surface
rlut (OLR)	TOA outgoing longwave radiation	W m^{-2}	At the top of the atmosphere
rsds (SWD)	Surface downwelling shortwave radiation	W m^{-2}	At the surface
rsut (SWUP)	TOA outgoing shortwave radiation	W m^{-2}	At the top of the atmosphere
tas	Near-surface air temperature	K	
sw_cre	TOA shortwave cloud radiative effect	W m^{-2}	
ts	Surface temperature	K	“Skin” temperature (i.e., SST for open ocean)
ua	Eastward wind	m s^{-1}	
va	Northward wind	m s^{-1}	