Automatic subsetting of WRF derived climate change scenario forcings

Juliane Mai  Zhenhua Li
(U of Waterloo)  (U of Saskatchewan)

Product Domain Res. Scenario Period
ctl-wrf-wca Western 1 hr, historical 10/2000-09/2015
pgw-wrf-wca Western 1 hr, pseudo 10/2000-09/2015
ctl-wrf-conus Cont. 1 hr, historical 10/2000-09/2013
pgw-wrf-conus Cont. 1 hr, pseudo 10/2000-09/2013

Variable Description Level Unit
PREC Grid-scale precipitation (accumulated over 1 hour) SFC [mm h⁻¹]
T2 Temperature 2 m [°C]
LH Latent heat flux SFC [W m⁻²]
HFX Upward heat flux SFC [W m⁻²]
QFX Upward moisture flux SFC [kg m⁻² s⁻¹]
GLW Downward long wave flux SFC [W m⁻²]
SWDOWN Downward short wave flux SFC [W m⁻²]
PSFC Surface pressure SFC [Pa]
Q2 Mixing ratio 2 m [kg kg⁻¹]
U10 U-component of the wind (along grid X axis) 10 m [m s⁻¹]
V10 V-component of the wind (along grid Y axis) 10 m [m s⁻¹]

email will be send to specified address user_email including location of processed data on Graham

download data from specified location within 7 days

This poster is accompanied by a manual!