

Prescribed-CRE workflow

Step #1

Run control with monthly, average output

```
FINCL1 = 'QRL', 'QRS', 'FSNT', 'FLNT', 'FSNS', 'FLNS',  
         'QRLC', 'QRSC', 'FSNTC', 'FLNTC', 'FSNSC', 'FLNSC'
```

Step #2

Process mean radiative heating data

Run multistep process mean CRE bash script using climatological data

```
bash template_pmcd.YYYYMMDD.control.RESOLUTION.MACHINE.sh
```

Step #3

Run cloud-locking experiment adding following `user_nl_cam` entries

```
presc_cre_datapath      = '/path/to/cre_data/'  
presc_cre_file          = 'cre_data_file.nc'  
presc_cre_type          = 'CYCLICAL'  
presc_cre_num_file_years = 1.0  
presc_cre_input_dtime   = 0.
```