

## Exercise 7.

Do a startup run. Change the atm/lnd timestep to 1200 seconds. (Default value is 1800). Run 5 days (or 1 month). Be sure all time steps are compatible. Be sure to update your README.case file to keep track of your changes. Review logs to verify time step changes.

1. create\_newcase -case ~/b.day2.7 -res T31\_gx3v7 -mach bluefire  
-compset B\_1850\_CN  
  
cd ~/b.day2.7
2. xmlchange -file env\_conf.xml -id RUN\_TYPE -val startup
3. xmlchange -file env\_conf.xml -id CAM\_NAMELIST\_OPTS -val dtime=1200
4. xmlchange -file env\_conf.xml -id CLM\_NAMELIST\_OPTS -val dtime=1200,rtm\_nsteps=9
5. xmlchange -file env\_conf.xml -id ATM\_NCPL -val 72
6. configure -case
7. Manually update README.case
8. b.day2.7.bluefire.build
9. Edit b.day2.7.bluefire.run and add the following to BSUB lines:
  - a) #BSUB -P 37591059
  - b) #BSUB -U 37591059#1Note this is for tutorial purposes ONLY.
10. b.day2.7.bluefire.submit

NOTE: this is a startup run, and not a hybrid, note the different initial conditions across the model components.