

Exercise 6.

Do a startup run. Change the atm/lnd timestep to 1200 seconds. (Default value is 1800). Run 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.day2.6 -res T31_gx3v7 -mach bluefire -compset B_1850_CN`
`cd ~/b.day2.6`
2. `xmlchange -file env_run.xml -id STOP_N -val 1`
`xmlchange -file env_run.xml -id STOP_OPTION -val nmonths`
3. `xmlchange -file env_conf.xml -id RUN_TYPE -val startup`
4. `xmlchange -file env_conf.xml -id CAM_NAMELIST_OPTS -val dtime=1200`
5. `xmlchange -file env_conf.xml -id CLM_NAMELIST_OPTS -val dtime=1200,rtm_nsteps=9`
6. `xmlchange -file env_conf.xml -id ATM_NCPL -val 72`
7. `configure -case`
8. Manually update README.case
9. `b.day2.6.bluefire.build`
10. Edit `b.day2.6.bluefire.run` and check the following to BSUB lines:
 - a) `#BSUB -P 37591064`
Note this is for tutorial purposes ONLY.
11. `b.day2.6.bluefire.submit`

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