Instructions to run FMS-PCM

1. Specify environment variables:

module load intel/17.0.4-fasrc01 openmpi/2.1.0-fasrc02 netcdf/4.5.0-fasrc01

module load netcdf-fortran/4.4.4-fasrc06

module load ncview/2.1.7-fasrc01

module load nco/4.7.4-fasrc01

1. Copy the model to your home directory:

/n/wordsworth\_lab/fding/cubed\_sphere\_lbl

1. Copy some external data files to your home directory: /n/wordsworth\_lab/fding/lbldata
2. Enter the working directory and compile the model. It takes several minutes since there are ~100 files:

cd cubed\_sphere\_lbl/exp/fv\_cloud\_test/run/

./compilescript

1. Then submit the slurm job:

sbatch runscript

1. The job should finish in ~10secs. The output can be found: /n/holyscratch01/wordsworth\_lab/$USER/fms\_output/fv\_cloud\_test/test/history/day0001h00