• cd to `<your software installation directory>/scripts and edit carma_end_to_end.pl
The $BASE_DIR variable must be set to the software installation directory.

• carma_init.txt can be found in: `<your software installation directory>/setup
The parameters listed below must be changed in carma_init.txt. For a more complete description of these parameters please see section 3.1 of the Dust Transport Application User’s Guide.

  software = `<your software installation directory>
  indir = `<directory where the MM5 data resides>
  outdir = `<directory where the d*.ncdf files reside>
  outresdir = `<directory where the output *.res files from read_carmaout.pro will reside temporarily>
  outncdfdir = `<directory where the output*.ncdf files from DTA will reside> NOTE: This directory is reflected in several setup parameters in carma_setup.txt. See below.
  theater = `<Theater name(s) based on AFWA’s Global Theater Weather Analysis Prediction System that should be processed for this run.> When processing multiple theaters, separate theater names using the “+” sign. Example: (theater = t04+t09)
  webdir = `<directory where the output *.jpg files from DTA are written to be displayed on the AFWA web page.>
  do_agrmet = This flag is set to 1 to process MM5 and AGRMET data or to 0 to only process MM5 data
  agrmetdir = `<directory where the AGRMET data resides>

• carma_setup.txt can be found in: `<your software installation directory>/setup
The parameters listed below must be changed in carma_setup.txt. For a more complete description of these parameters please see section 3.1 of the Dust Transport Application User’s Guide.

  dynidir = `<directory where the d*.ncdf files reside>
same directory as outdir described for carma_init.txt above

hisodir = <directory where the out*.ncdf files from DTA reside> same directory as outncdfdir as described for carma_init.txt above
hisofil = <outncdfdir>/out.ncdf
    NOTE: See outncdfdir description above
prtofile = <outncdfdir>/carma.p
    NOTE: See outncdfdir description above.
resofil = <outncdfdir>/restart.out
    NOTE: See outncdfdir description above.
stepofil = <outncdfdir>/varstep.out
    NOTE: See outncdfdir description above.
radofil = <outncdfdir>/carma_rad.out
    NOTE: See outncdfdir description above.
numsteps = Number of .ncdf files to be processed which is determined by
            (((Endtime - spinup time(sec))/mm5step) + 1).
    NOTE: The user does not have to enter a start date(ncdate) for the run as the start date for a given run is automatically determined using the current system date.

• carma_plot_setup_<theater_name>.txt can be found in:
    <your software installation directory>/setup
The parameters listed below must be changed in carma_plot_setup.txt. For a more complete description of these parameters please see section 3.1 of the Dust Transport Application User's Guide.

dir_in = <outresdir>
    NOTE: See outresdir description above
dir_out = <directory where the output from carma_plot.pro will reside>