

```

&share
  wrf_core = 'ARW',
  max_dom = 2,                                ! Number of domains
  start_date =
'2018-08-30_00:00:00','2018-08-30_00:00:00','2018-09-04_00:00:00'
  end_date =
'2018-08-31_00:00:00','2018-08-31_00:00:00','2018-09-14_00:00:00'
  interval_seconds = 21600
  io_form_geogrid = 2,
/

&geogrid
  parent_id      = 1, 1, 2,                    ! field information from
grid resolution
  parent_grid_ratio = 1, 5, 3,                ! ratio e.g. 1:5 to get
high resolution
  i_parent_start  = 1, 30, 43,                !
  j_parent_start  = 1, 20, 42,
  e_we            = 90, 151, 81,              ! (60-30)*5+1 = 2nd grid
  e_sn            = 60, 121, 86,              ! (42-18)*5+1 = 2nd grid
  geog_data_res   = '30s', '30s', '30s',
  dx = 15000                                ! resolution in meters
  dy = 15000                                ! resolution in meters
  map_proj = 'mercator',
  ref_lat = -23.5700,                        ! center of RMSP
  ref_lon = -46.6100,                        ! center of RMSP
  truelat1 = -30.0000,
! truelat2 = -24.0000,
! stand_lon = -45.0000,
  geog_data_path = '/scr2/alejandro/WRF/DATA/GEOG'
/

&ungrib
  out_format = 'WPS',
  prefix = 'FILE',
/

&metgrid
  fg_name = 'FILE'    ! change this according to LBC name
  io_form_metgrid = 2,
/

```