3km HRRR grib file

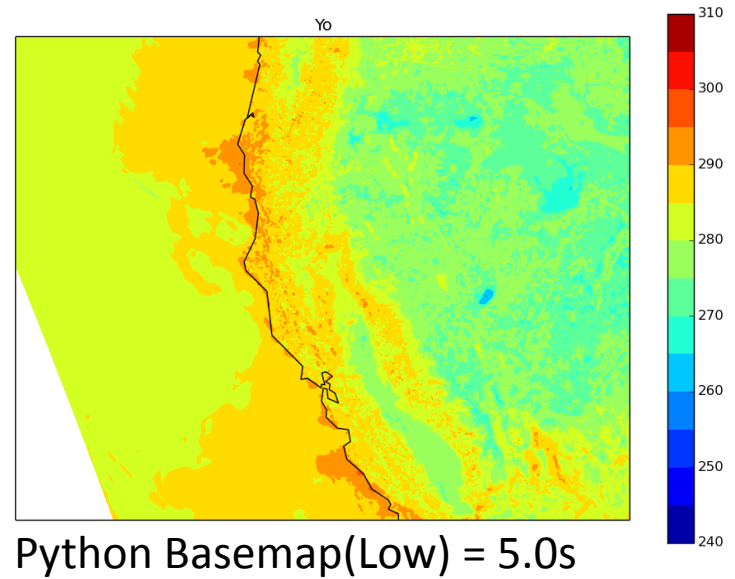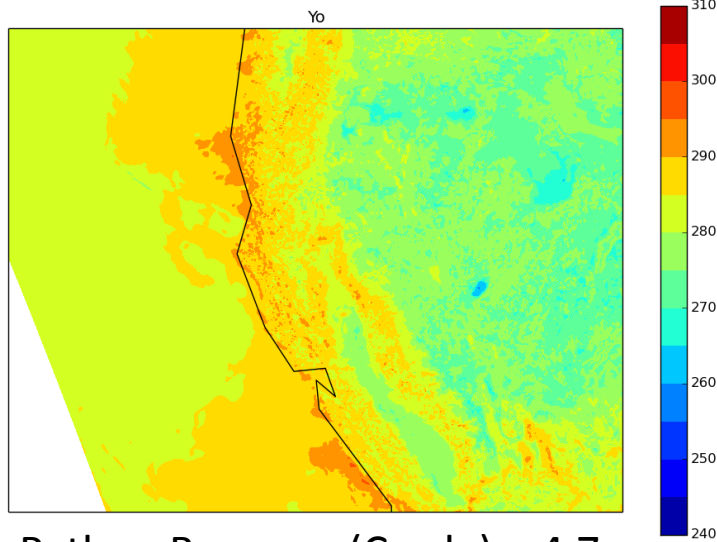Grads vs. Python

Python basemap vs grads

Python Basemap(Crude) = 4.7s

Python Basemap(Low) = 5.0s

Basemap(Intermediate) = 7.6s
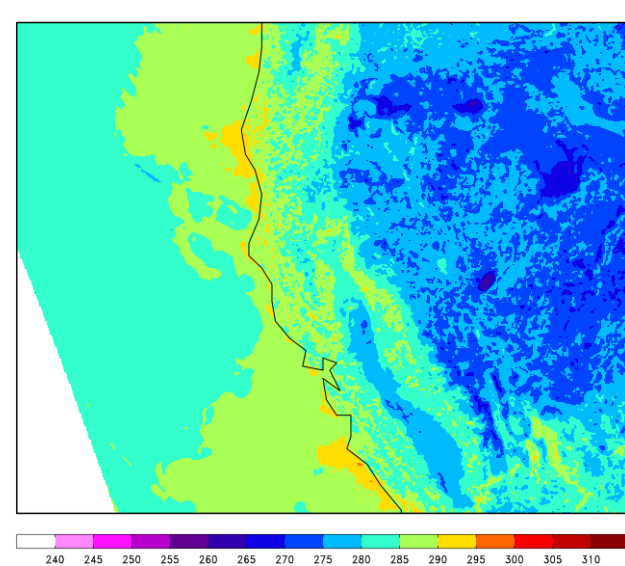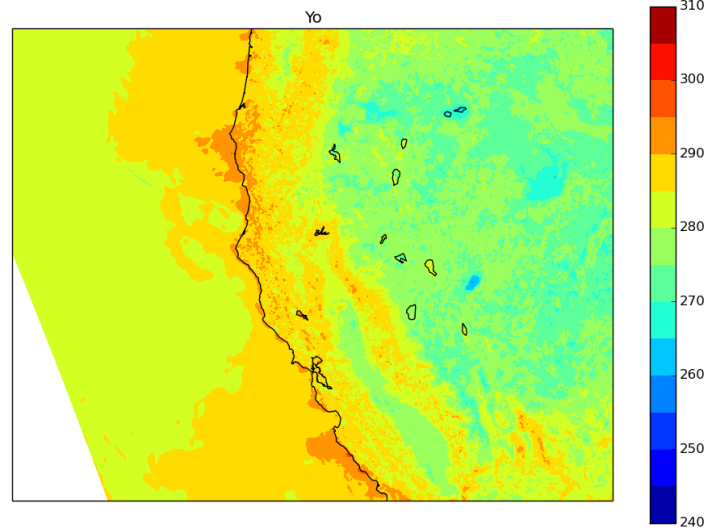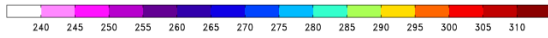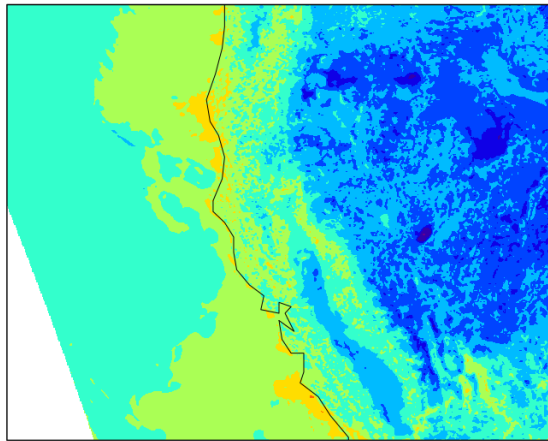
Grads = 2.8s

All plots show 2m temperature...color palettes slightly different between grads & python
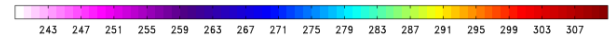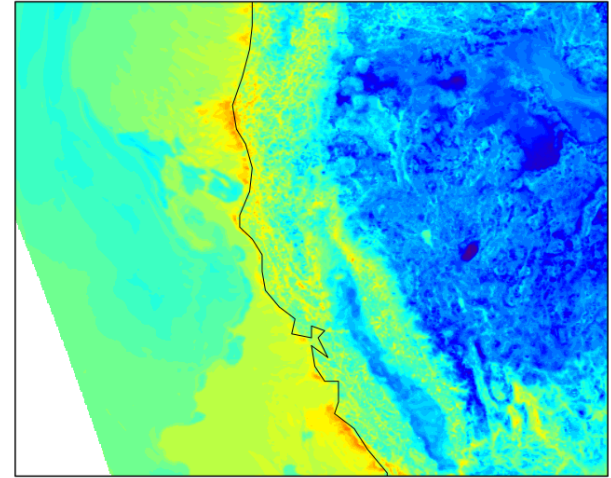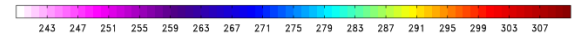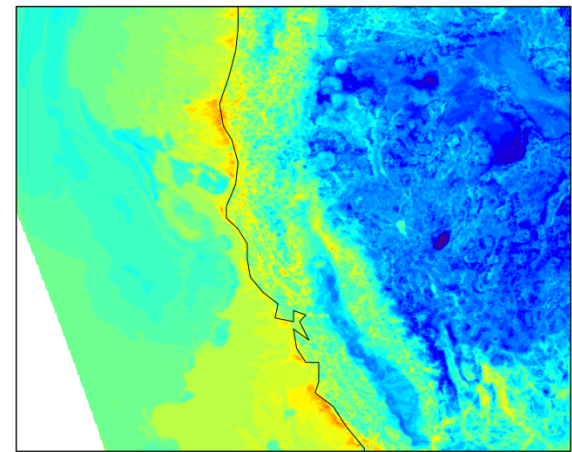
Grads grib file type
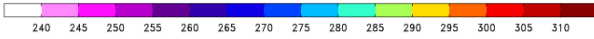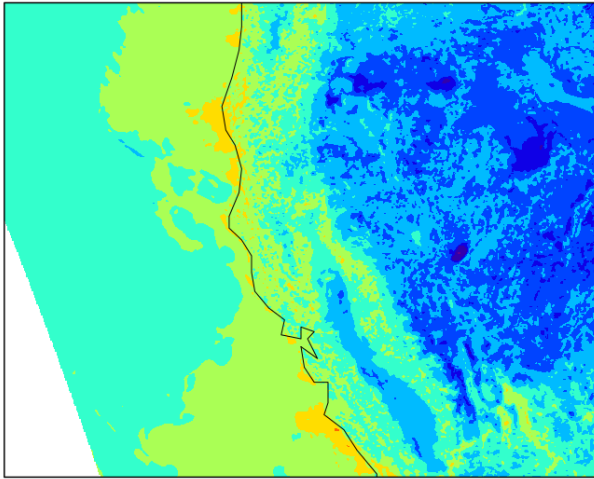
Grads = 2.8s Lambert grib file

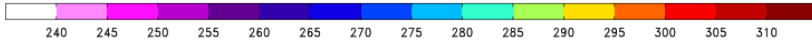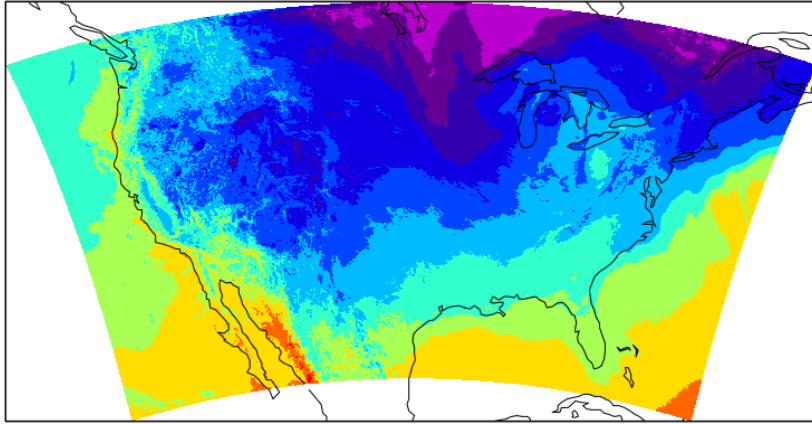Grads = 3.3s Lambert grib file

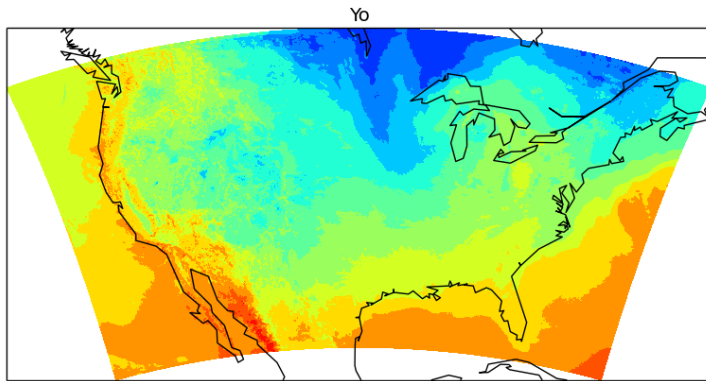Contours every 5K

Contours every K

Grads = 0.56s lat/lon grib files

Grads = 0.86s lat/lon grib files

Conus Tests | Python vs GrADS

Grads = 1.85s (lat/lon grib file)

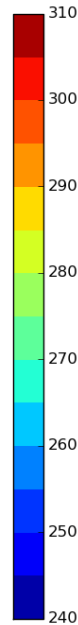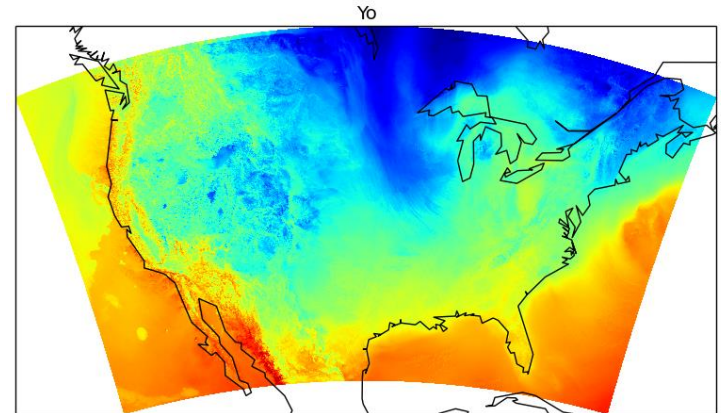Grads = 6.36 seconds (lat/lon grib file)

Contours every 5K

Contours every K

Python Basemap(Crude) = 6.8s

Python Basemap(Crude) = 7.3s
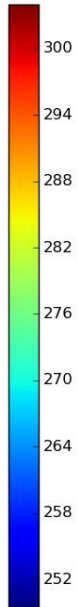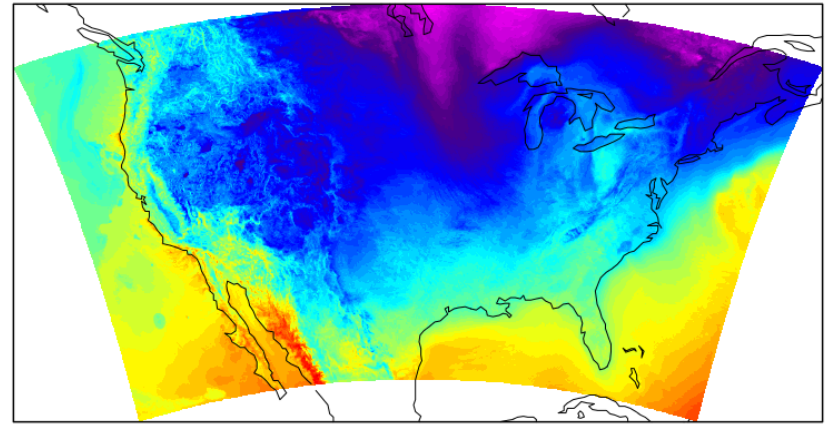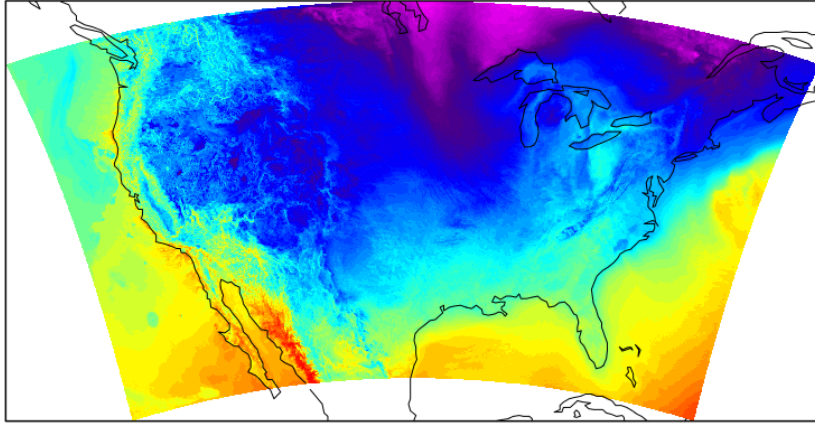
Regridding
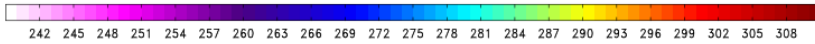
Grads = 8.47s (lat/lon grib file)

Grads = 4.18s (lat/lon grib file,re(tmp2m,0.05))
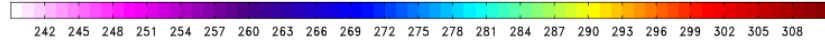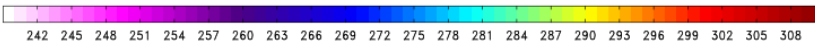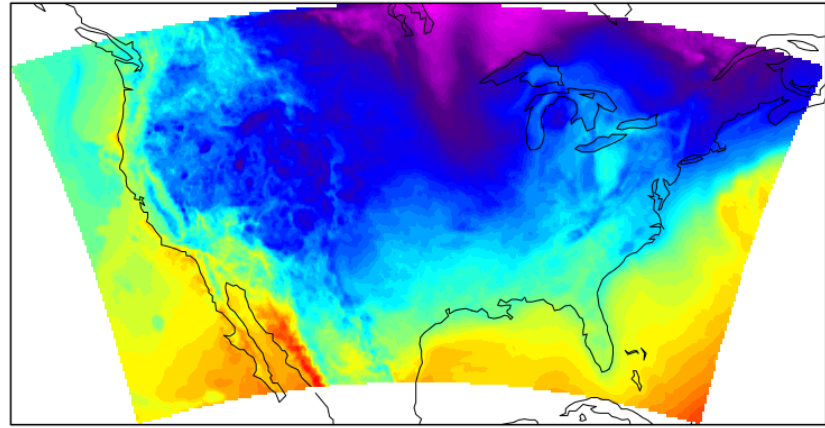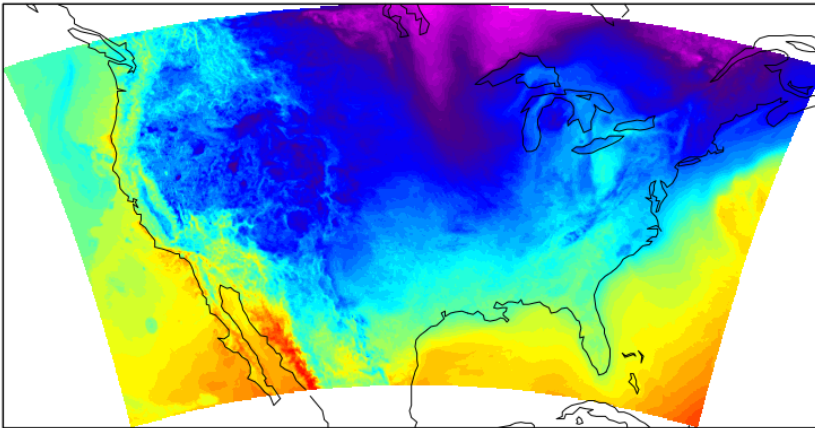
Grads = 1.98s (lat/lon grib file, re(tmp2m,0.1))

Grads = 1.39s (lat/lon grib file, re(tmp2m,0.2))