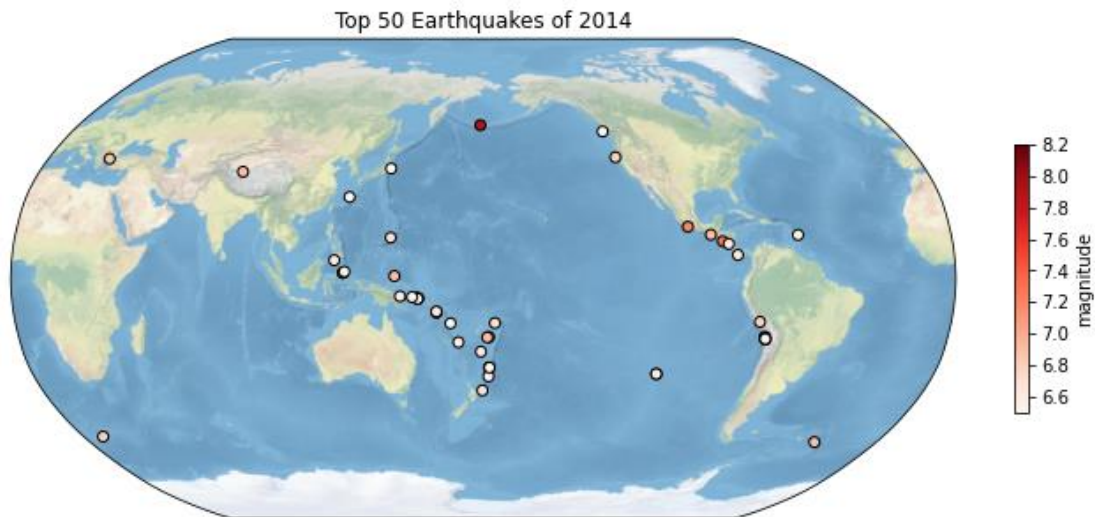


Report of assignment 4

1. Global earthquakes

Data is from usgs_earthquakes.csv, earthquakes were scattered on Robinson map with the color indicating different magnitudes. Stock_img() method plots the background.

Figure looks same as figure in assignment:



2. Explore

2.1

Data used here is the same as PS3. Datafile name is
“FLDAS_NOAH01_CP_GL_M.A201901.001.nc”

Project is PlateCarree, figure 2.1 is showed below:

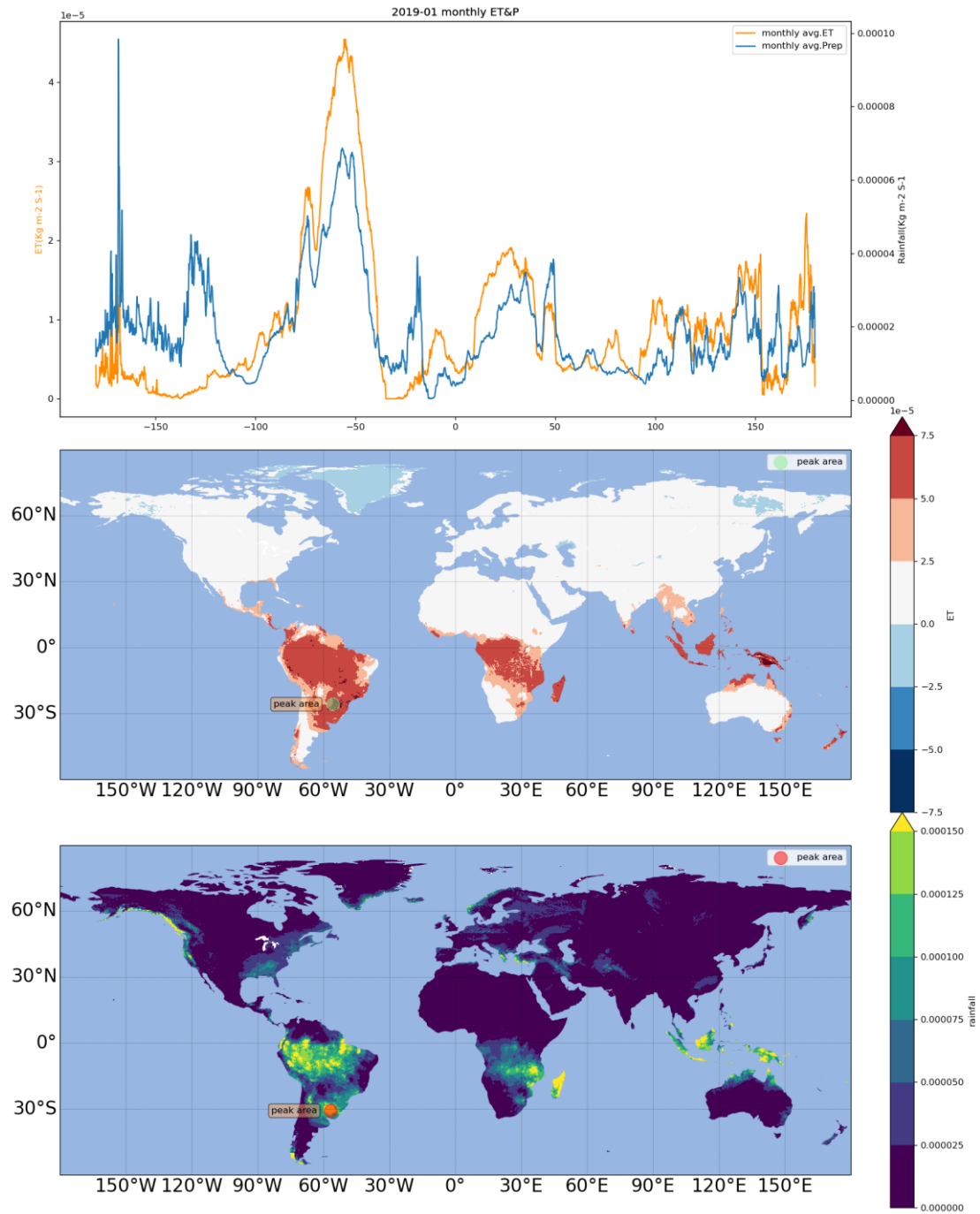


Figure 2.1. Global rainfall and ET condition in 2019-01.

2.2

A different project is Mercator, figure 2.2 is showed below:

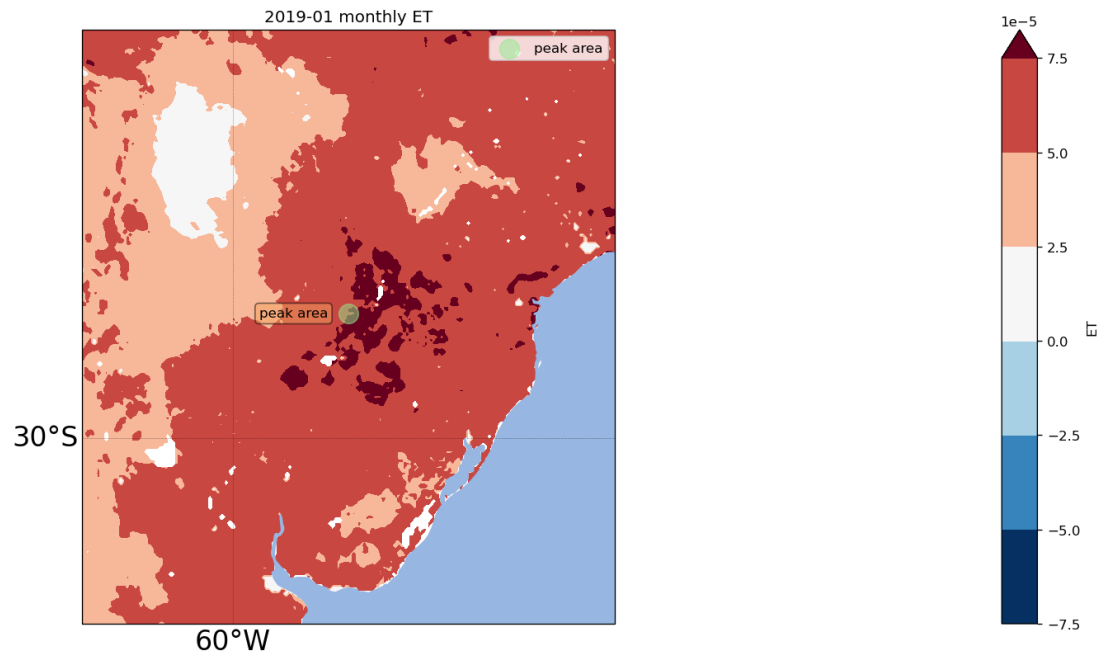


Figure 2.2 local (peak area) ET in 2019-01.

It looks different with the one in jupyter notebook because I changed “pad” after saving and using this picture.