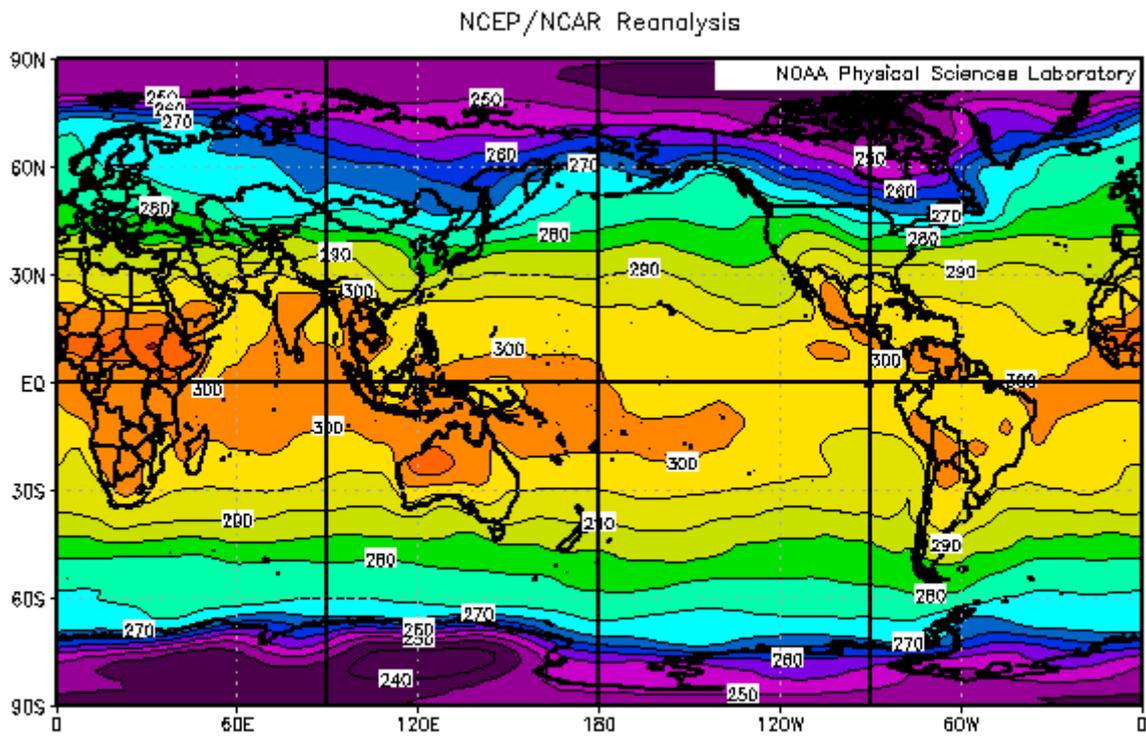




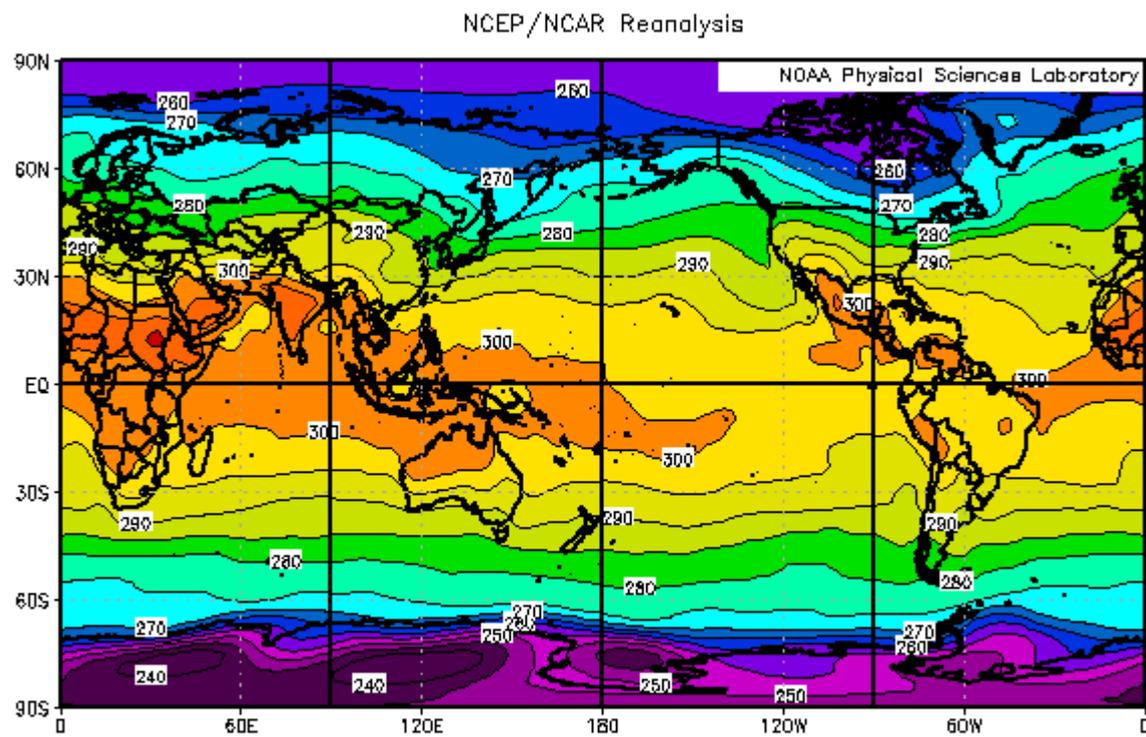
Fig. 1. Geographic distribution of COVID-19 reported cases worldwide, as of 16th March 2020 and the pattern is very similar till end of April¹

a)

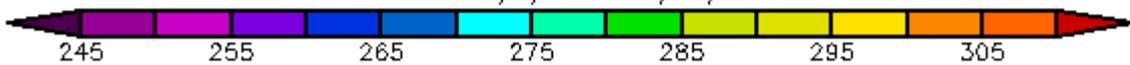


1000mb Air Temperature (K) Composite Mean
3/1/20 to 3/31/20

b)



1000mb Air Temperature (K) Composite Mean
4/1/20 to 4/30/20



c)

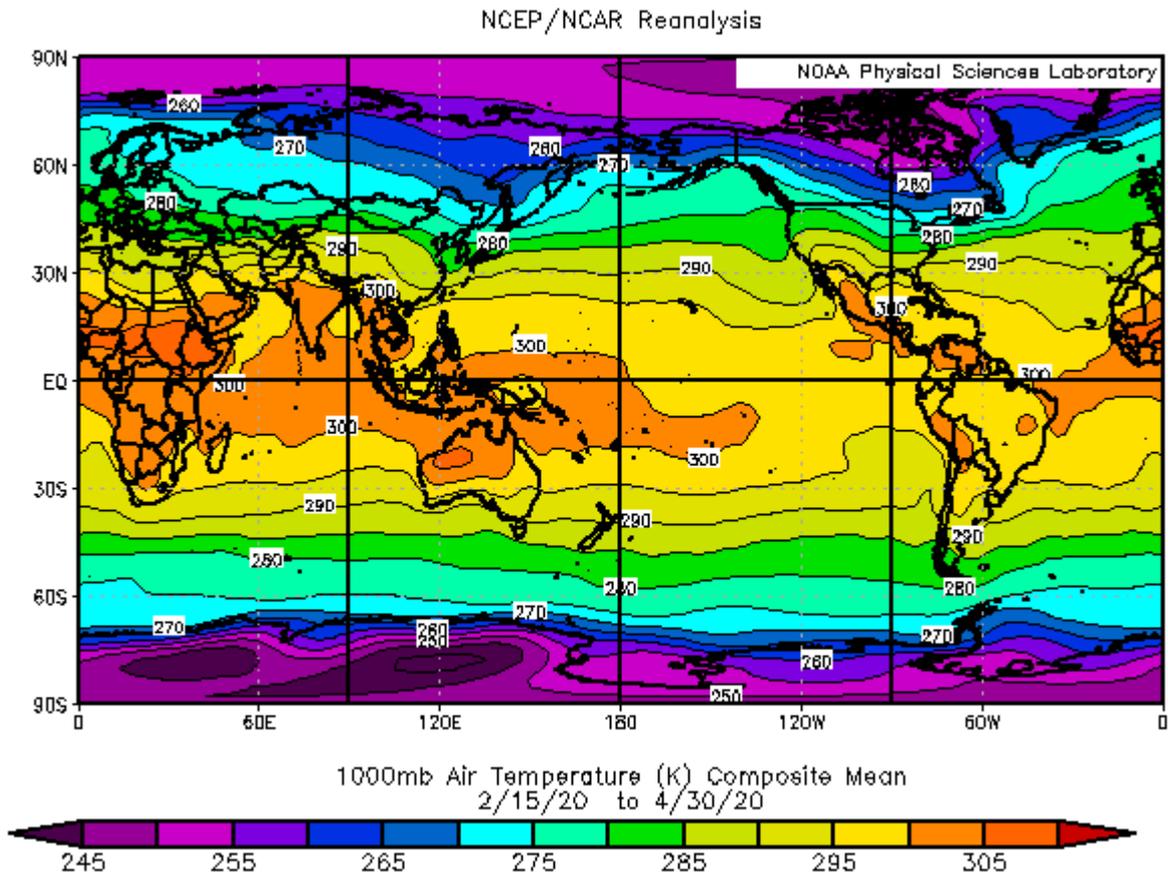


Fig. 2. Monthly average air temperature ($^{\circ}\text{K}$) spatial plot **Globally** for: a) March 2020; b) April and c) Feb 15 till April 2020. Plots are generated from the NOAA/ESRL Physical Sciences Division, Boulder Colorado web site at <https://psl.noaa.gov/data/composites/day/>

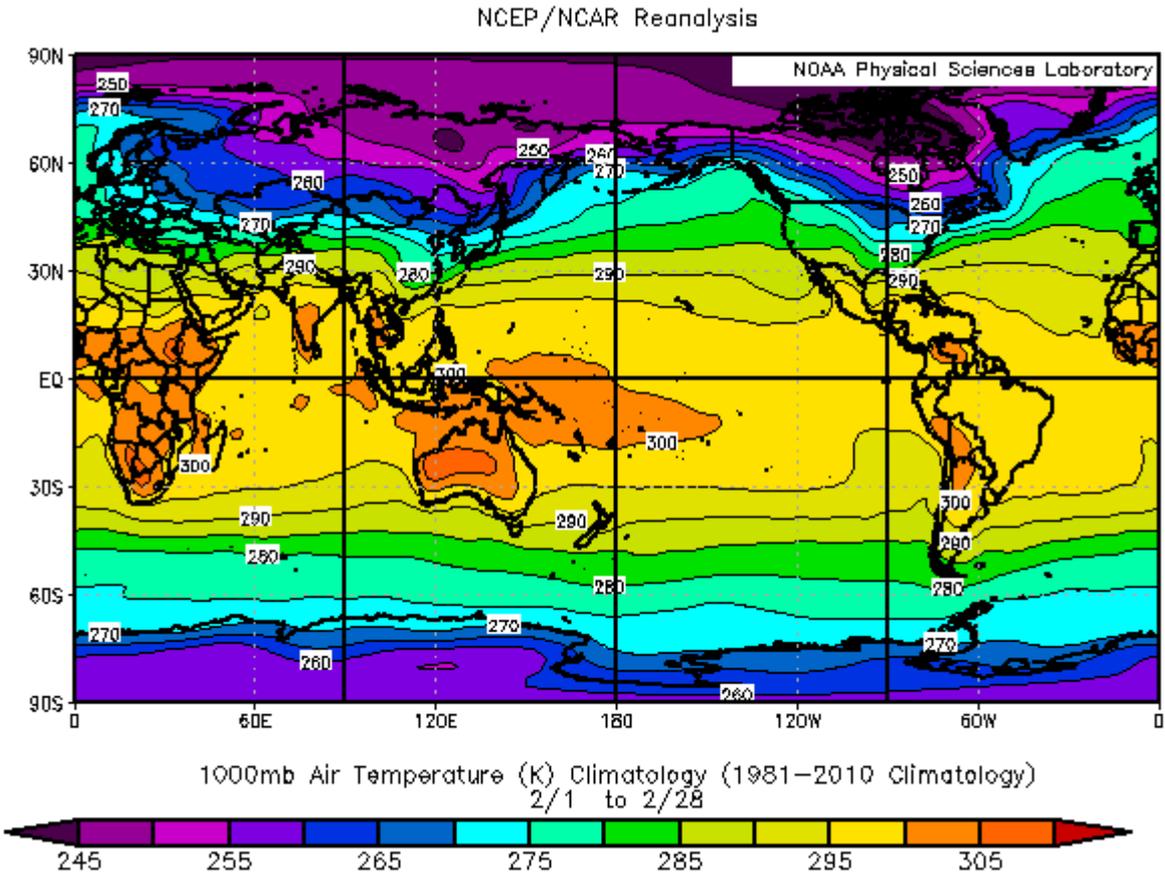
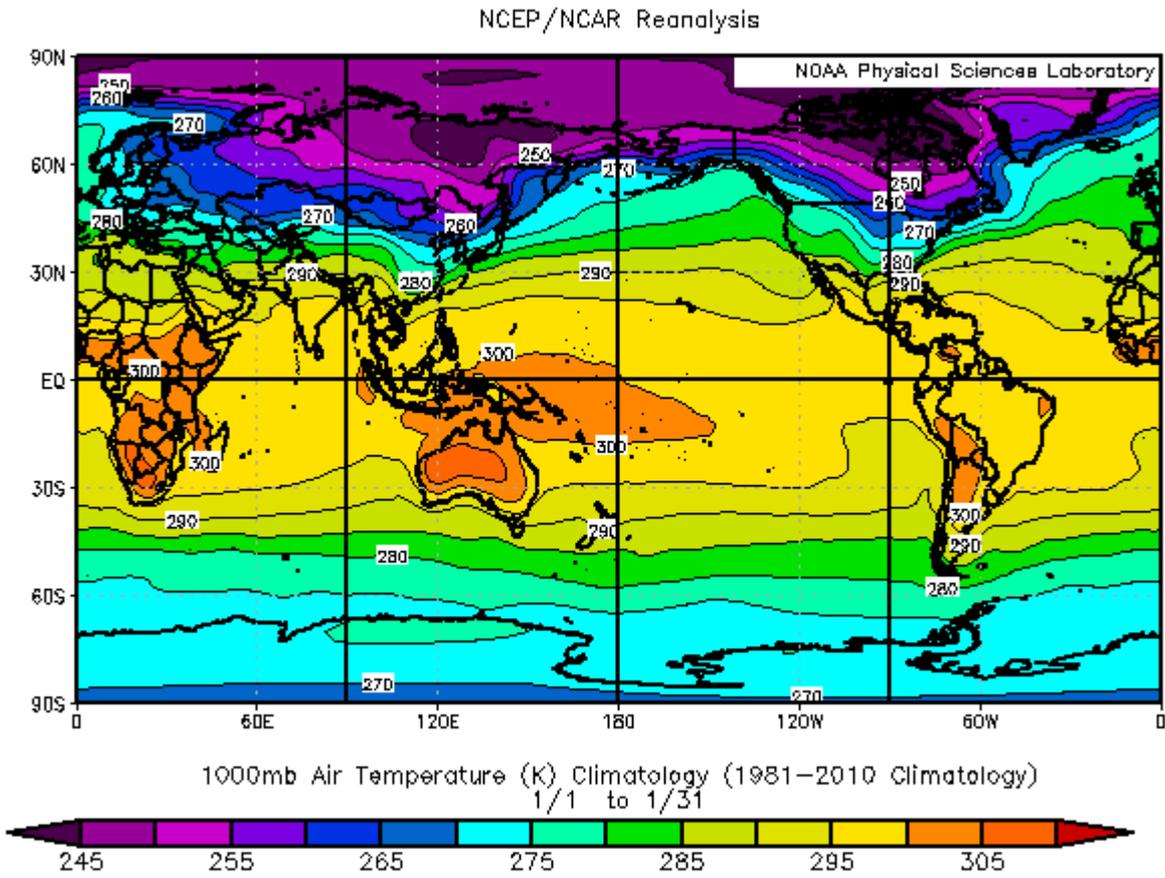


Fig. 3. Climatology of global temperature for January (top) and February (bottom).

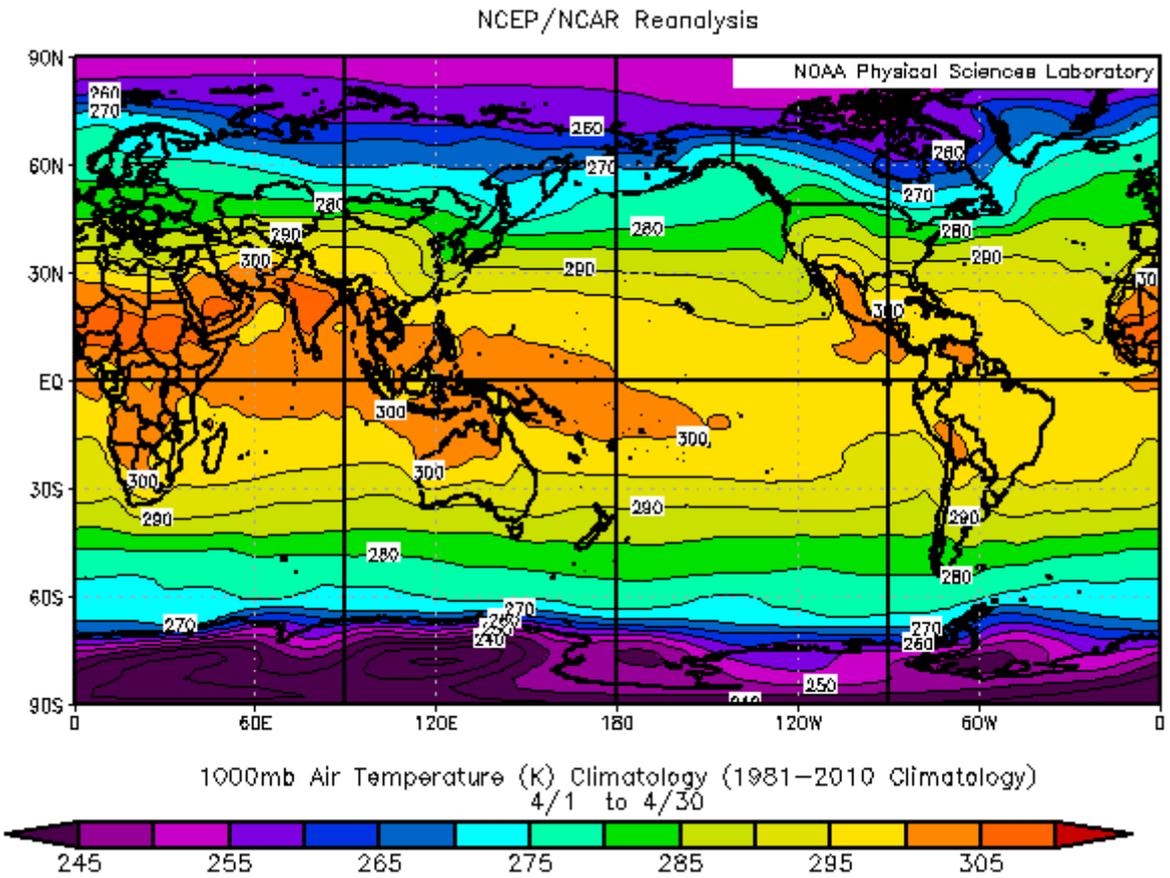
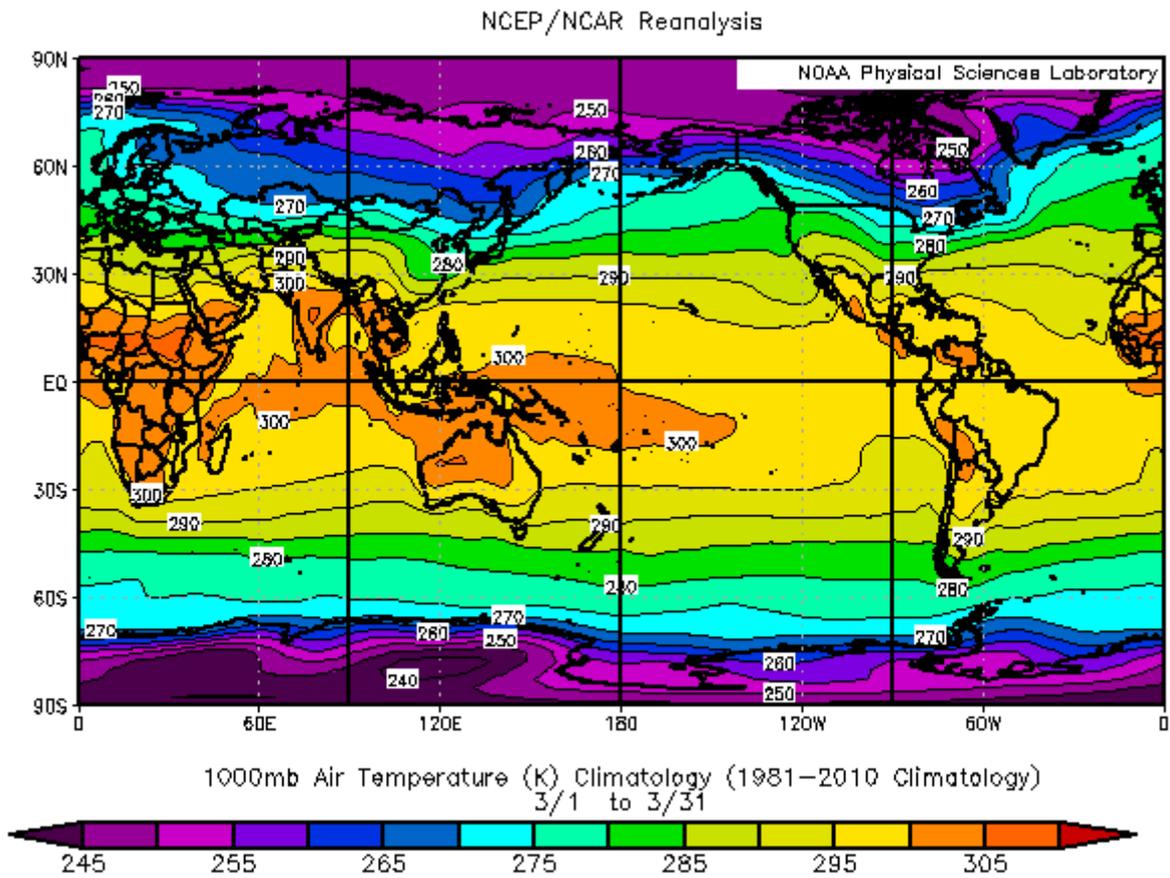
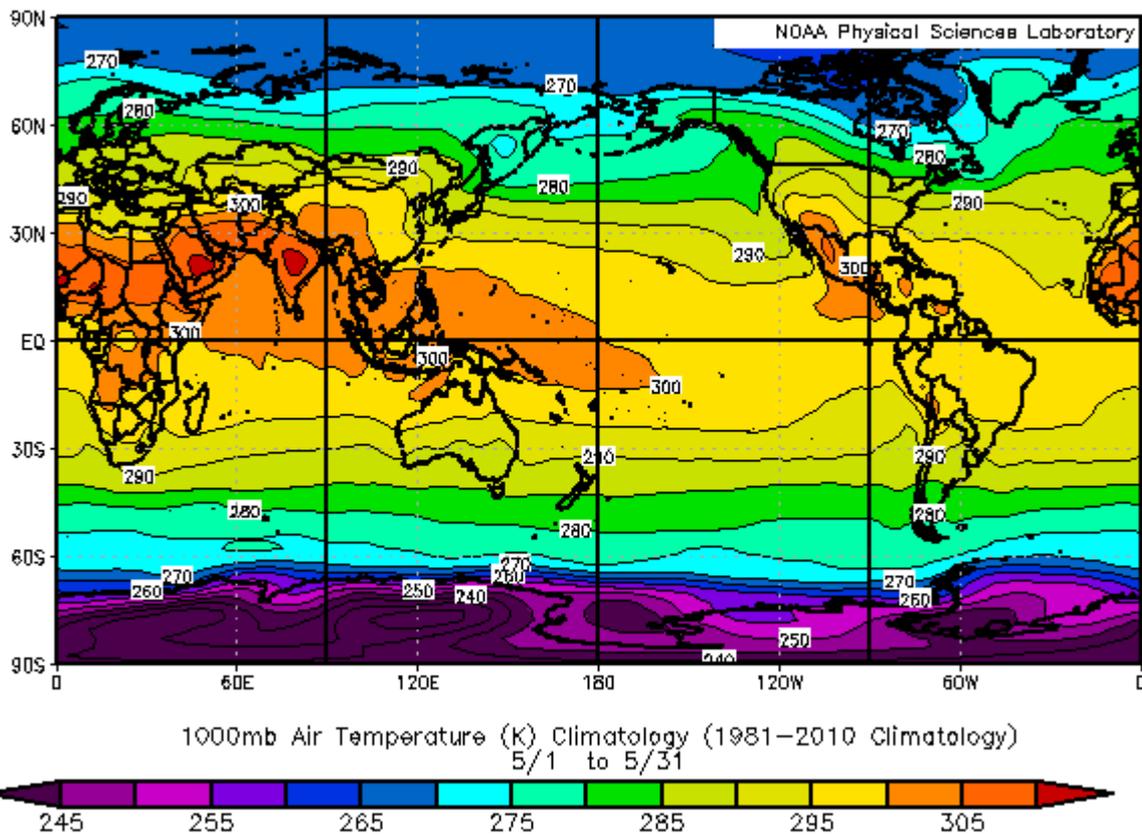


Fig. 4. Climatology of global temperature for March (top) and April (bottom).

NCEP/NCAR Reanalysis



NCEP/NCAR Reanalysis

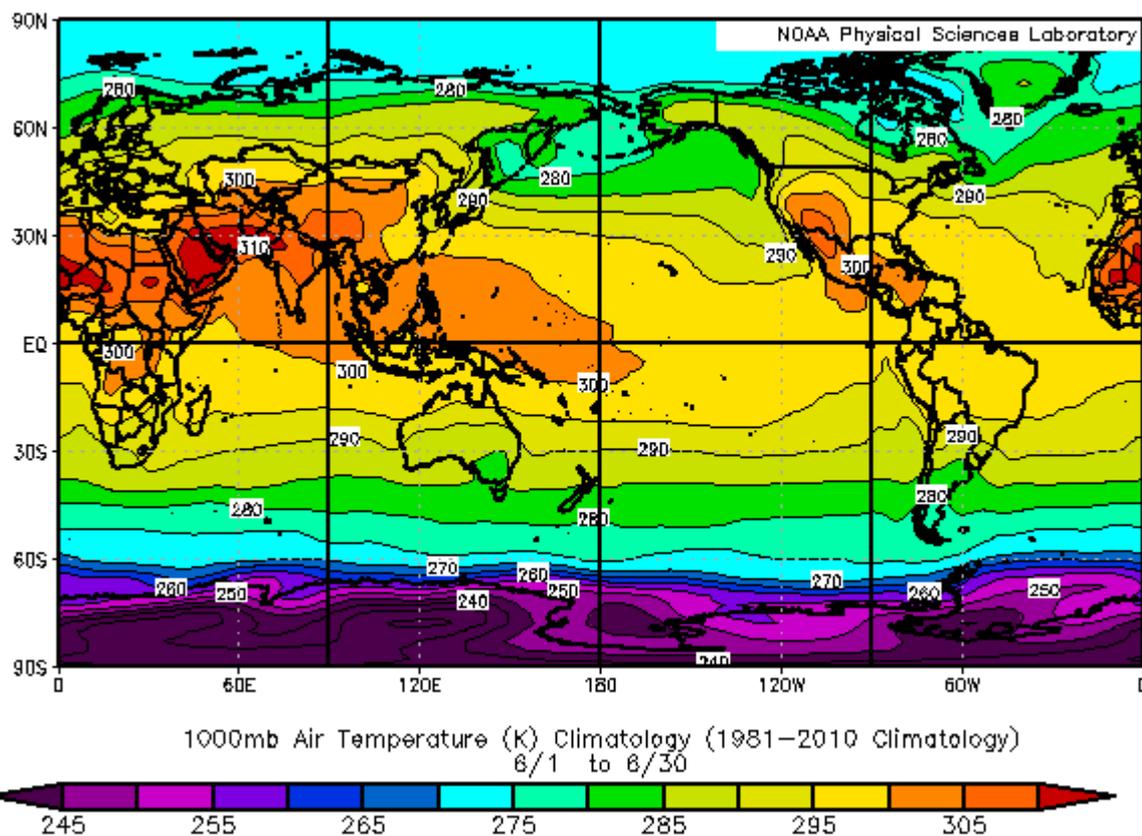
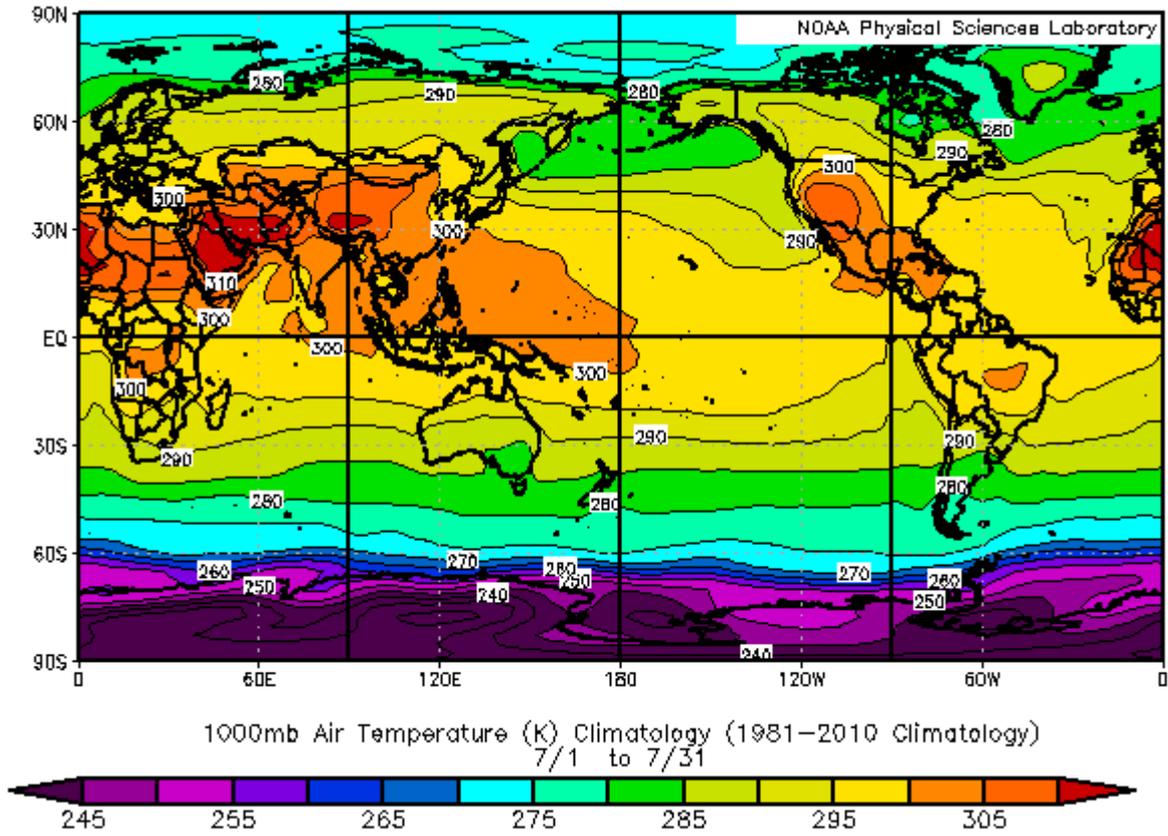


Fig. 5. Climatology of global temperature for May (top) and June (bottom).

NCEP/NCAR Reanalysis



NCEP/NCAR Reanalysis

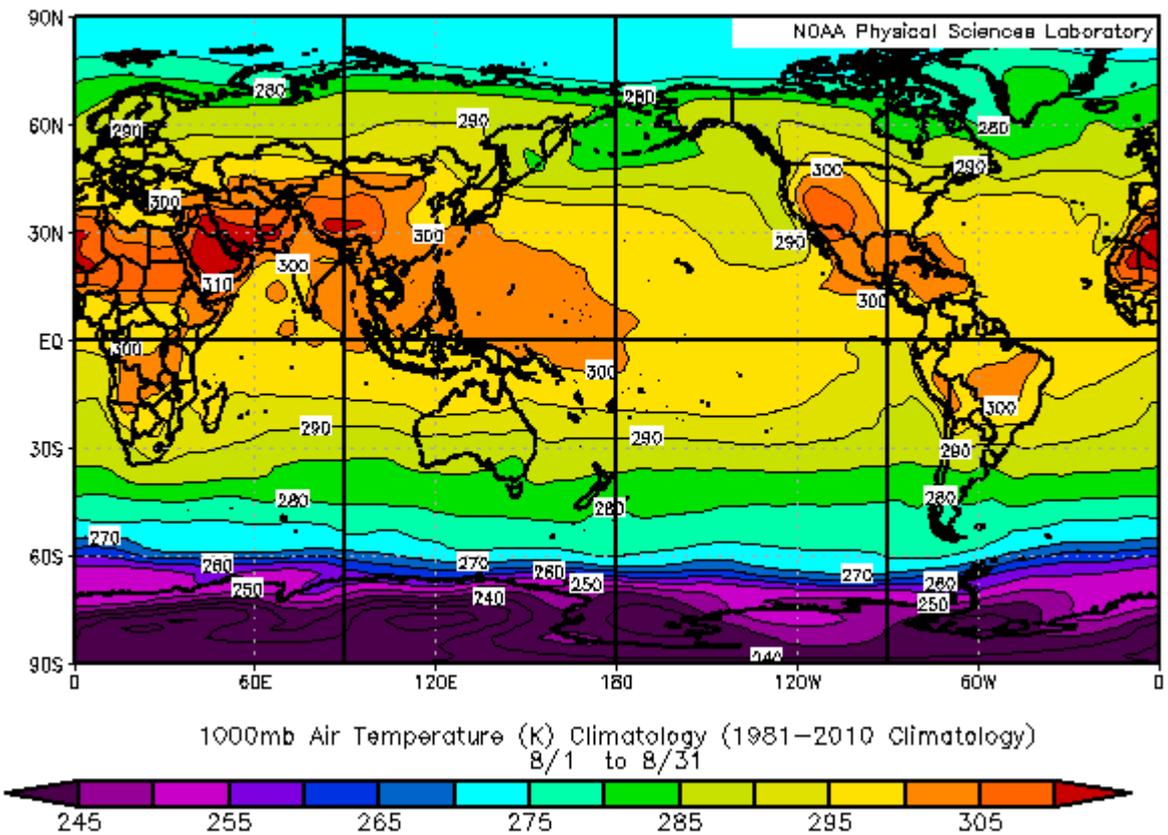


Fig. 6. Climatology of global temperature for July (top) and August (bottom).

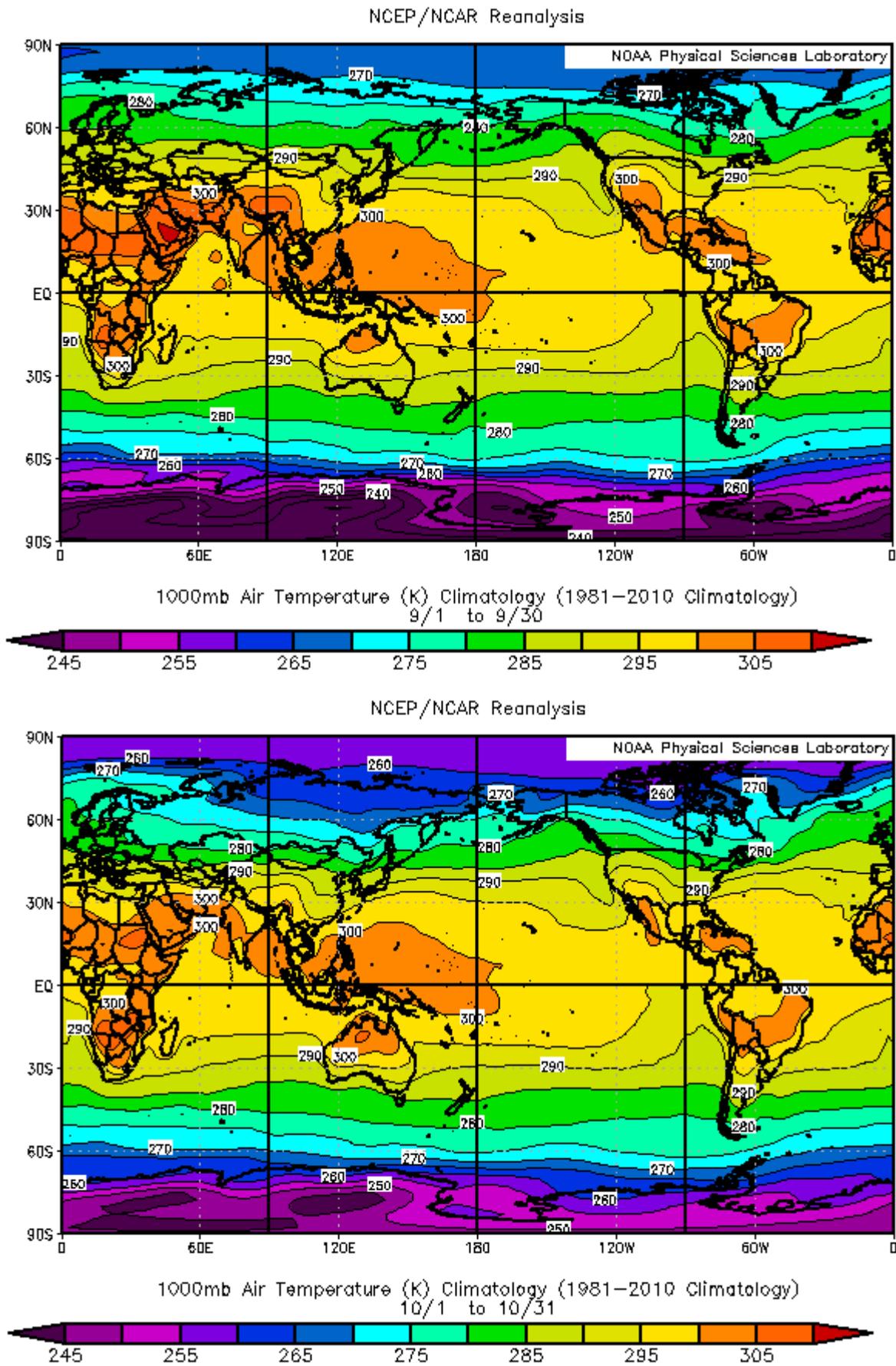


Fig. 7. Climatology of global temperature for September (top) and October (bottom).

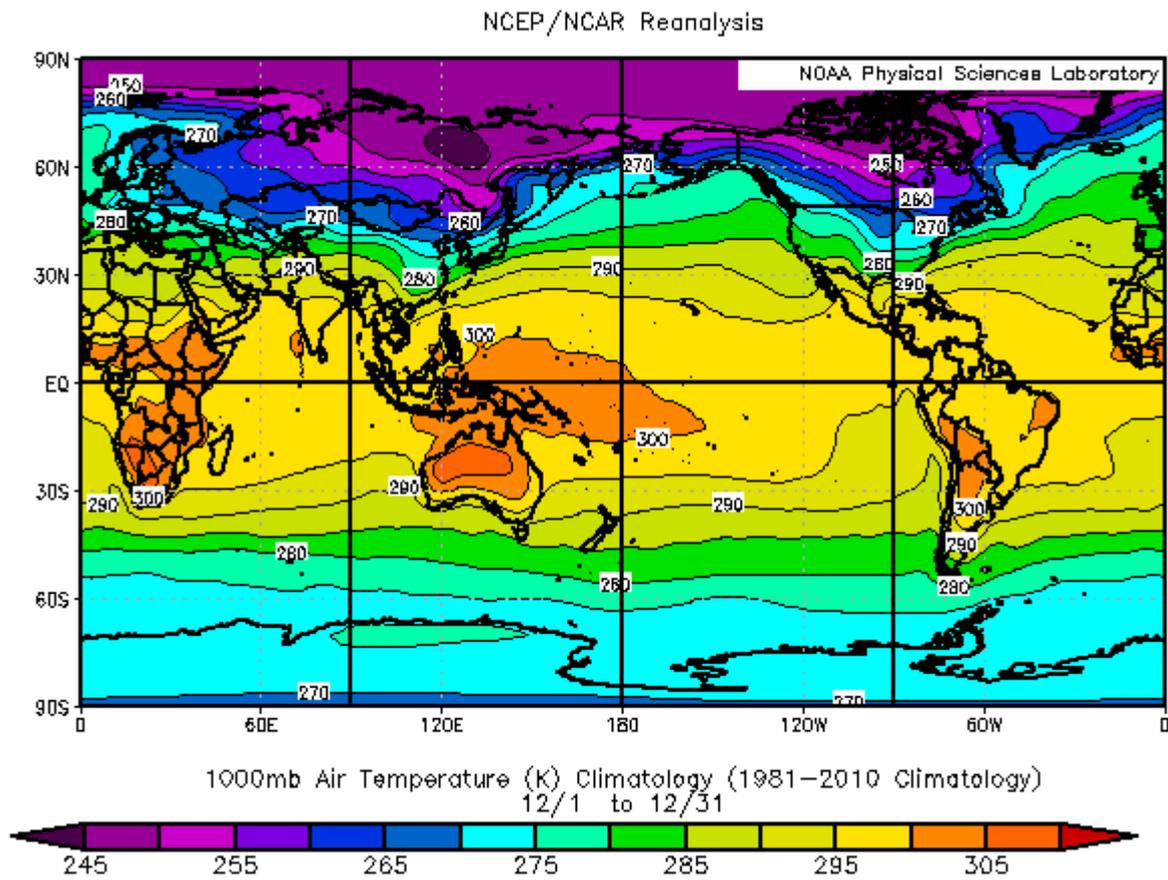
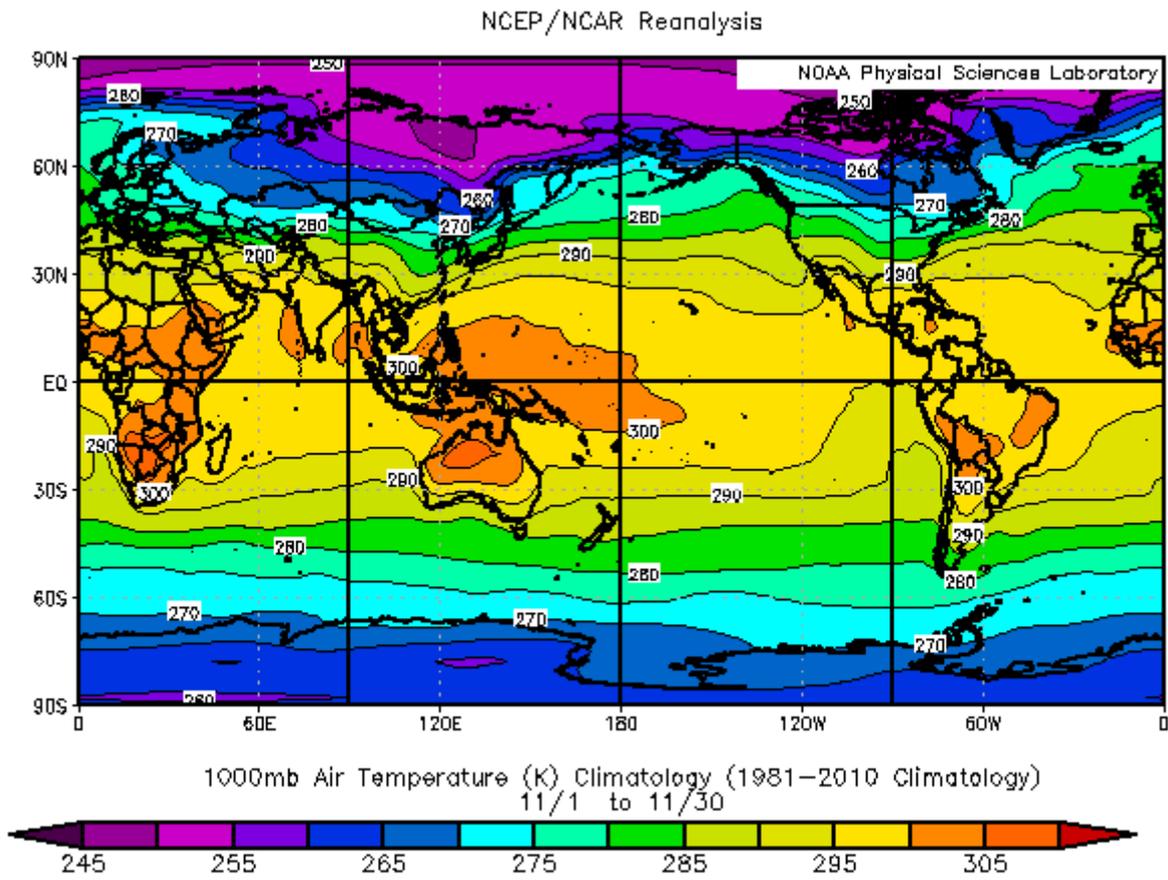
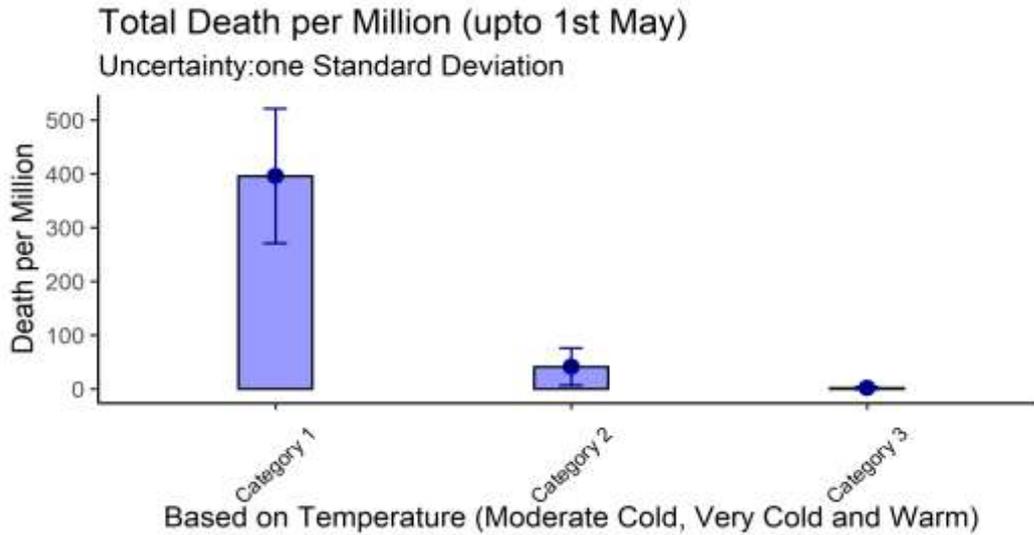
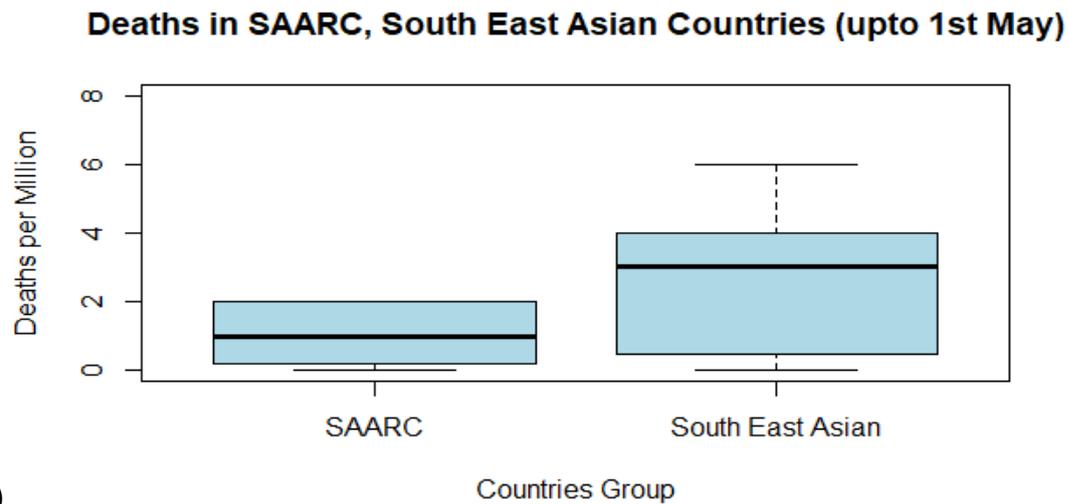


Fig. 8. Climatology of global temperature for November (top) and December (bottom).

a)



b)



c)

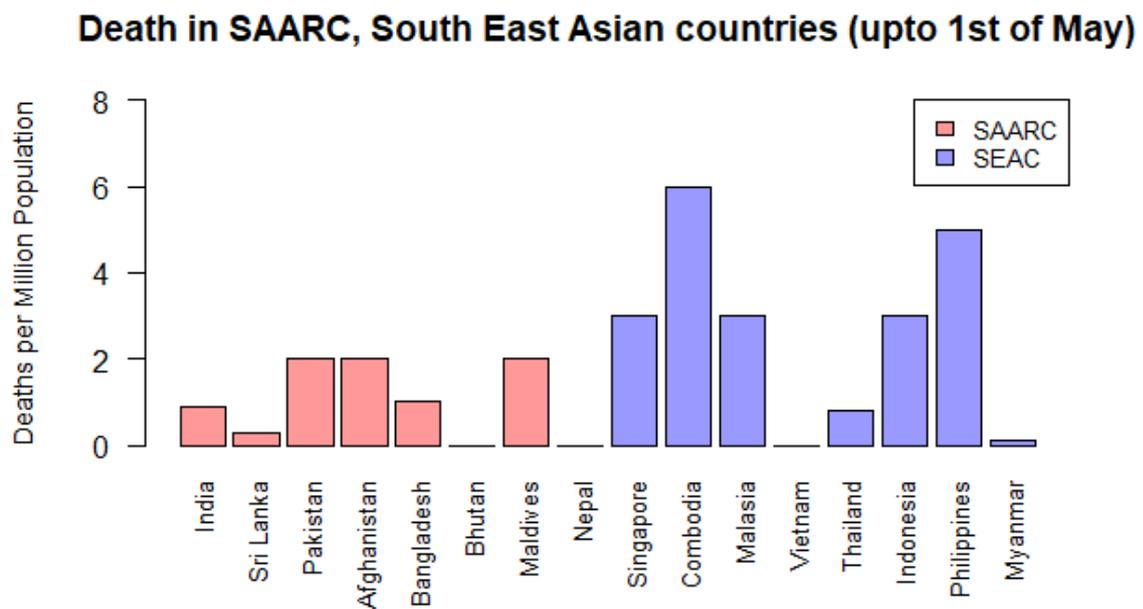


Fig.9. Vulnerability to COVID-19 measured in terms of Deaths per Million, upto 1st of May 2020. a) Deaths in Moderately cold, Very cold and Warm countries are shown. In category 3, all Warm countries (SAARC and South East Asian countries (SEAC), continents of Australia and Africa) together are presented. Uncertainty at one standard deviation level is marked. b) Box plot with particular focus on SAARC and SEAC groups. c) Record of each individual country from b.

Rolling 7-day average of daily confirmed COVID-19 deaths per million

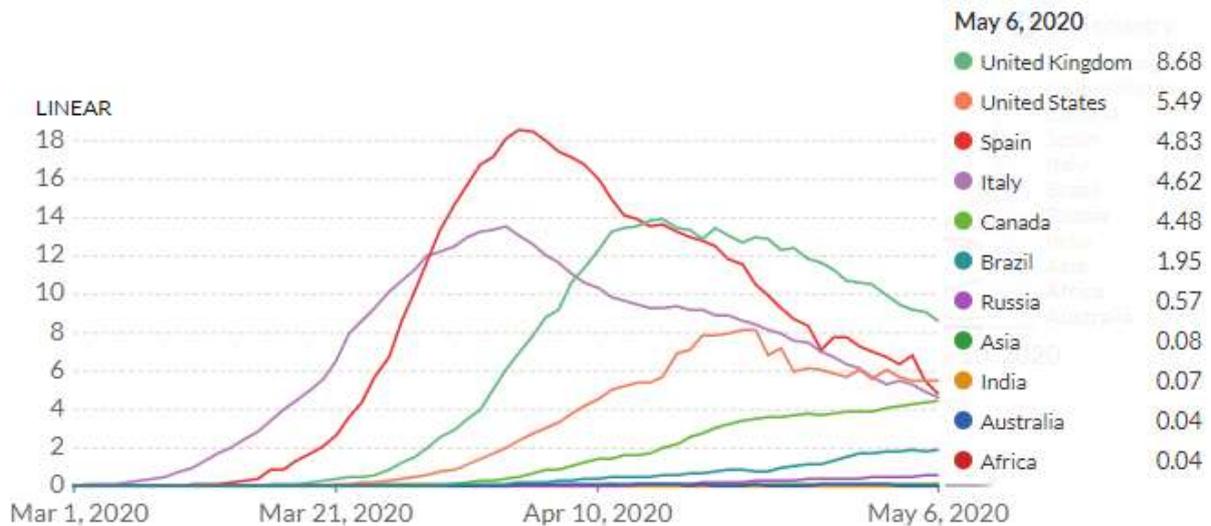


Fig. 10. Rolling 7-day average of daily confirmed COVID-19 deaths per million upto 6th May 2020³³. India, Asia, Africa and Australia all are very low compared to the rest throughout and practically merges with X-axis (hence not visible). The bottom three curves are for Russia, Brazil and Canada respectively. All three are showing a rising trend. Top four high peak curves are for UK, USA, Spain and Italy. All four are currently in a declining state. Plot generated using: <https://ourworldindata.org/grapher/daily-covid-deaths-per-million-7-day-average>, accessed on 10/05/2020.