



Meteorological Service of Canada
Environment Canada

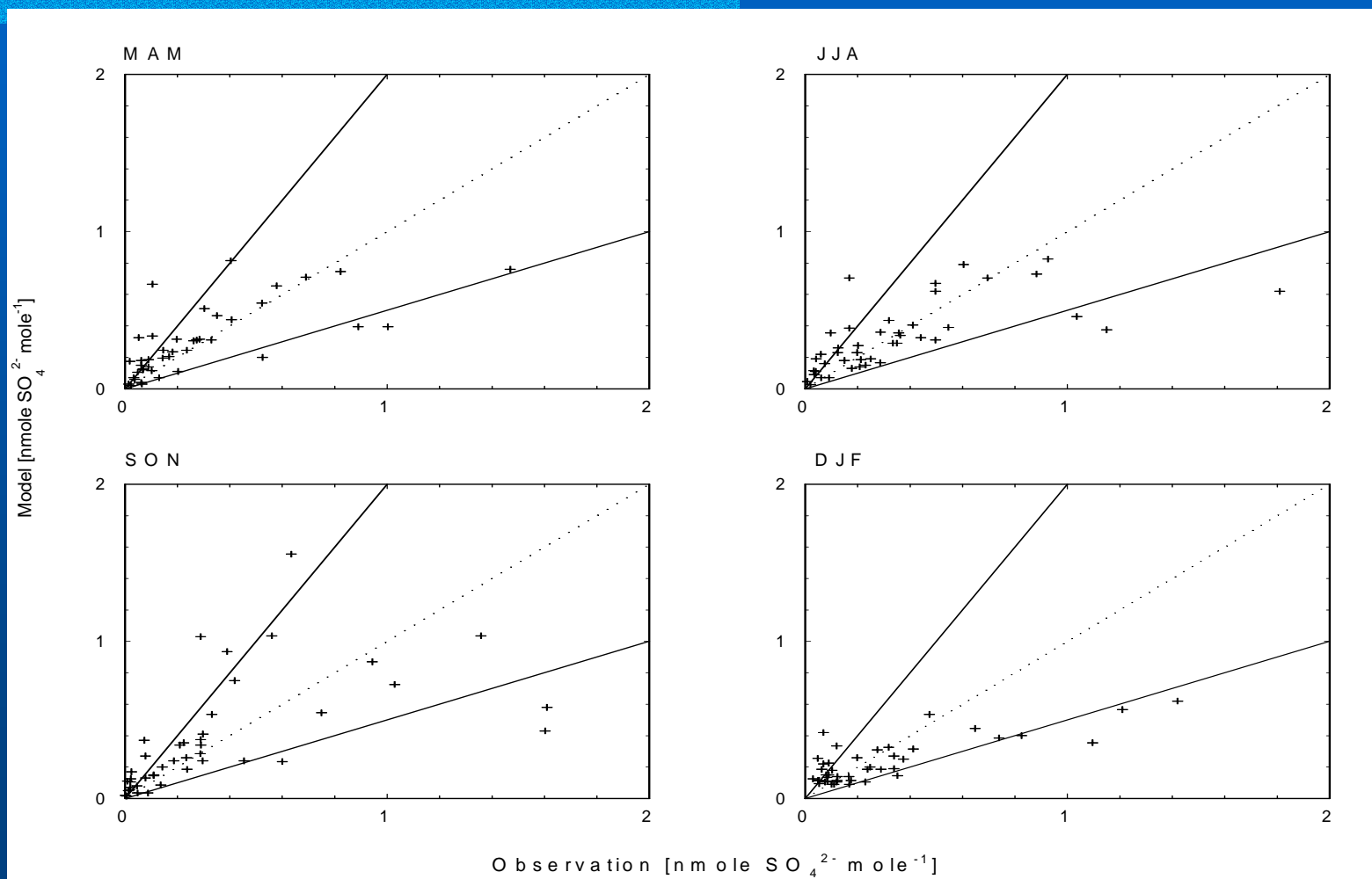
First AEROCOM Workshop
June 2-3, Paris

Results of Size-segregated Aerosols in the Atmosphere with GCM/CAM

Sunling Gong

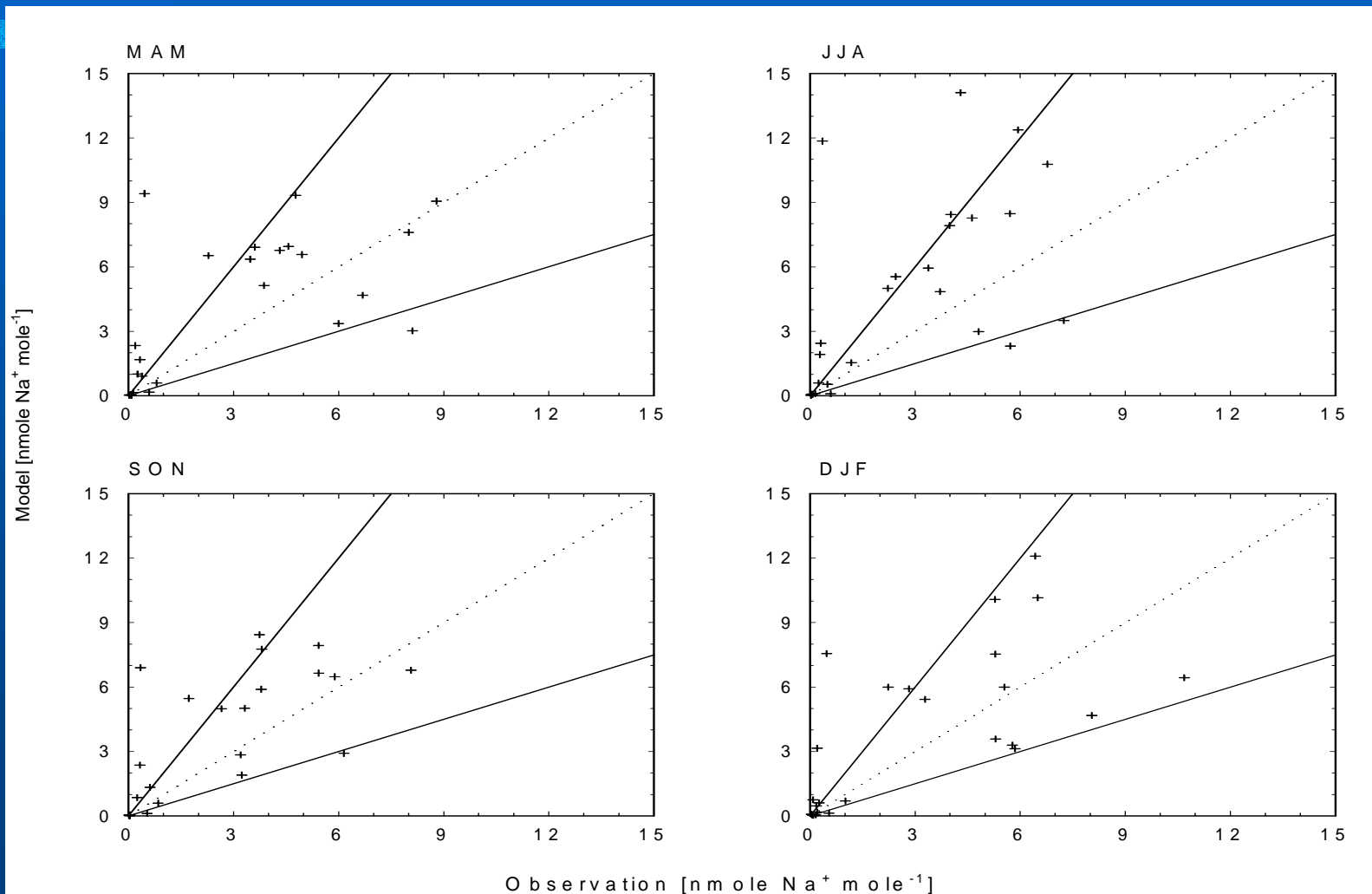


Global Sulphate





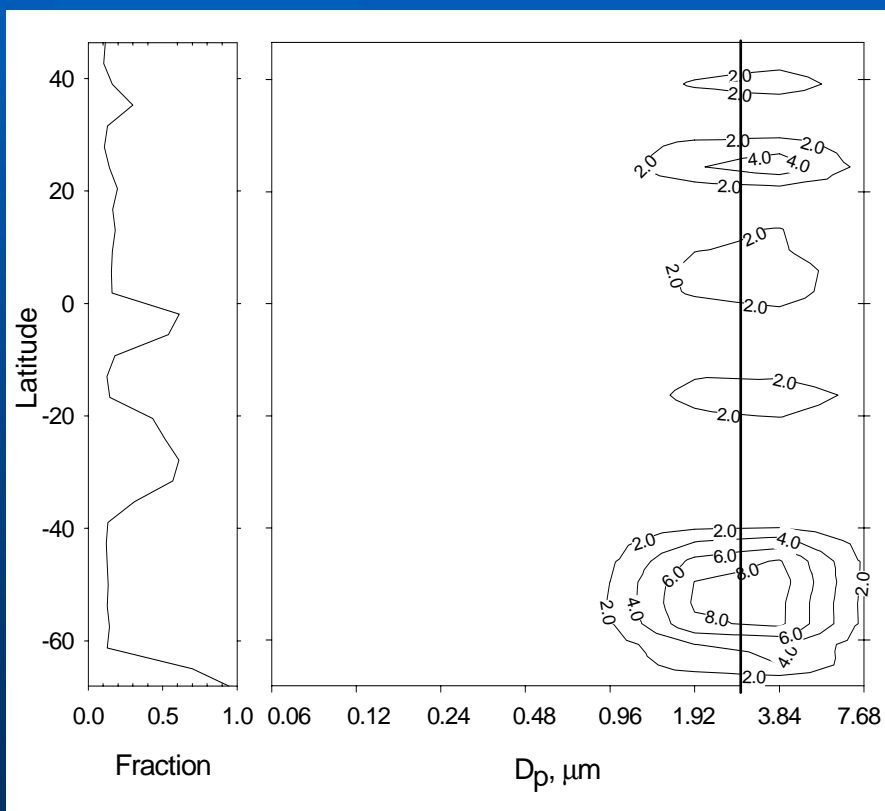
Global Sea-salt



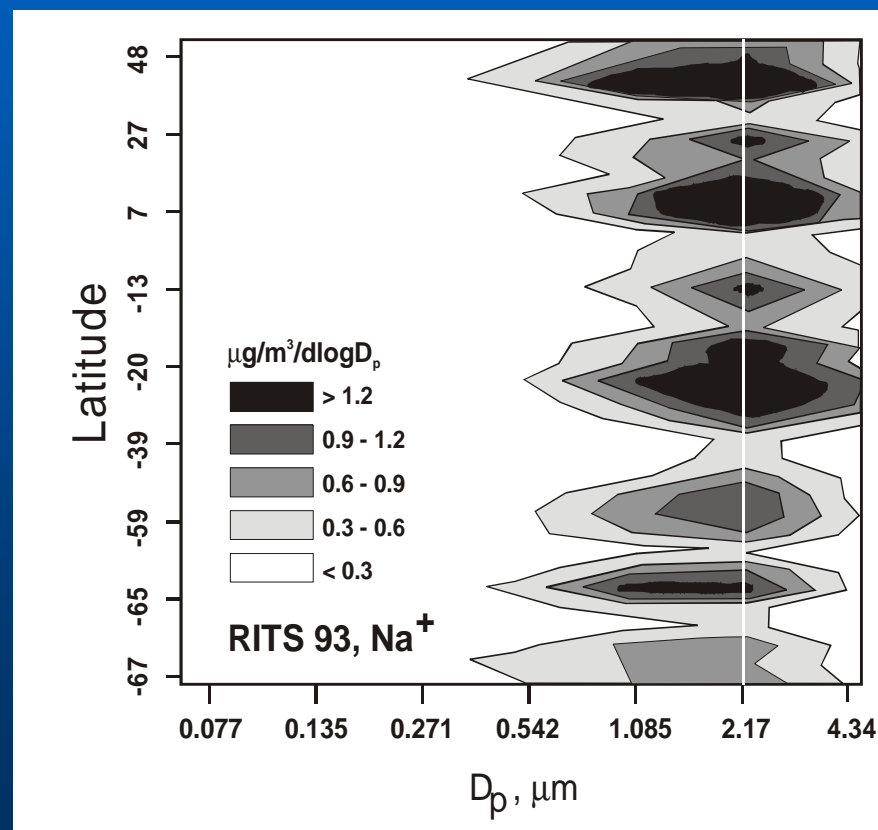


CAM in GCM – Global Sea-salt

(a) Model 995 hPa

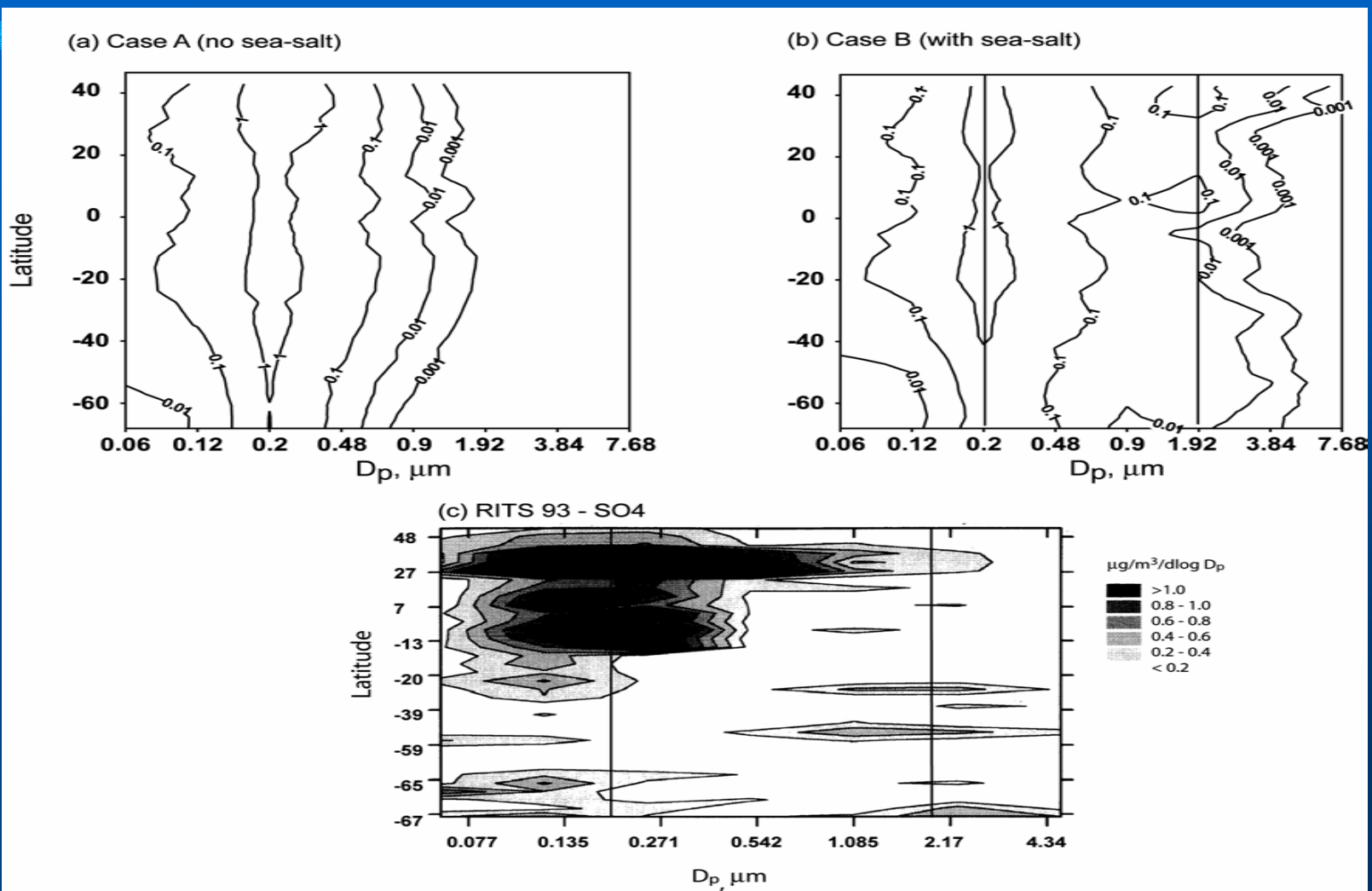


(b) Quinn *et al.* [1996] Surface



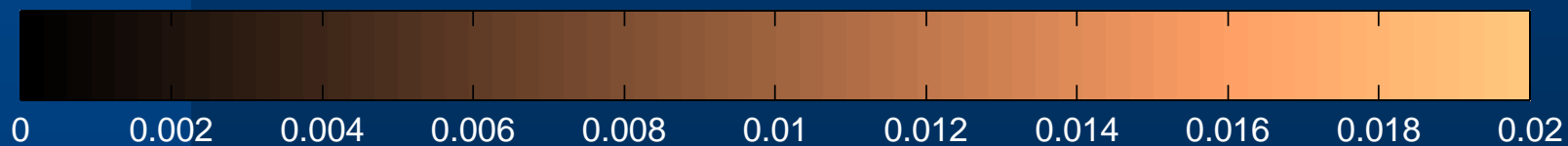
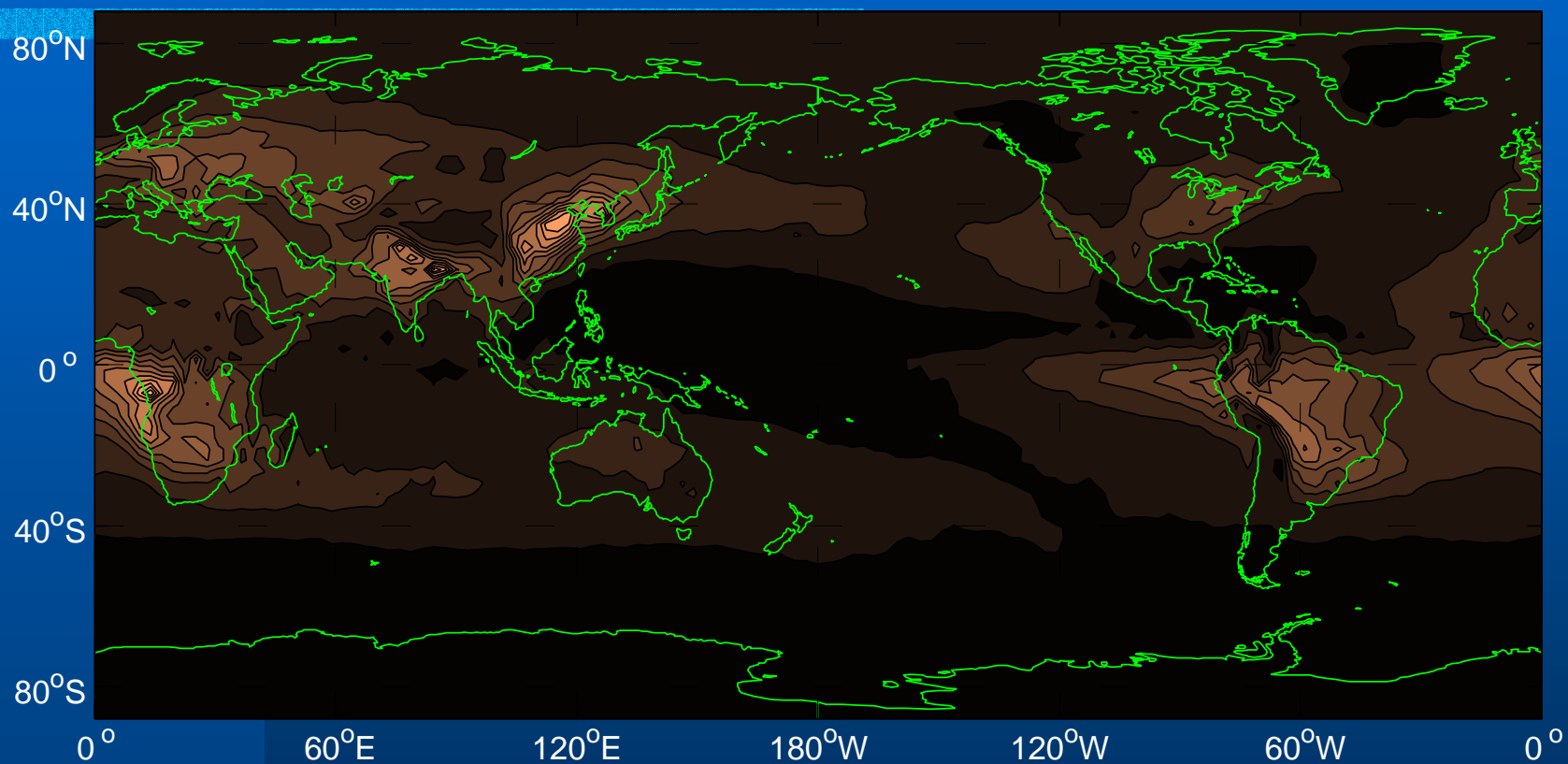


CAM in GCM – Global Sea-salt/Sulphate



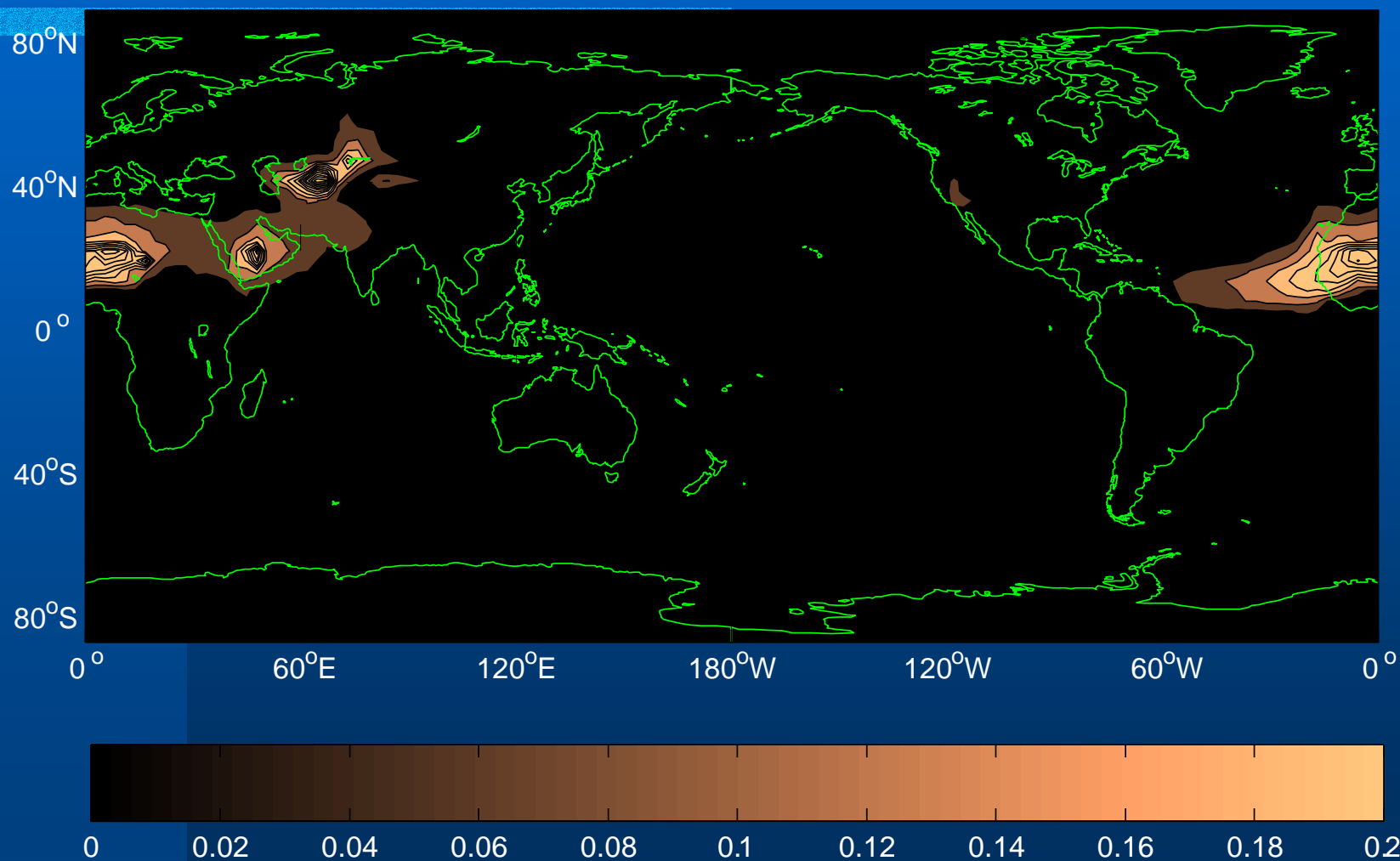


Optical Depth of Black Carbon (SON)



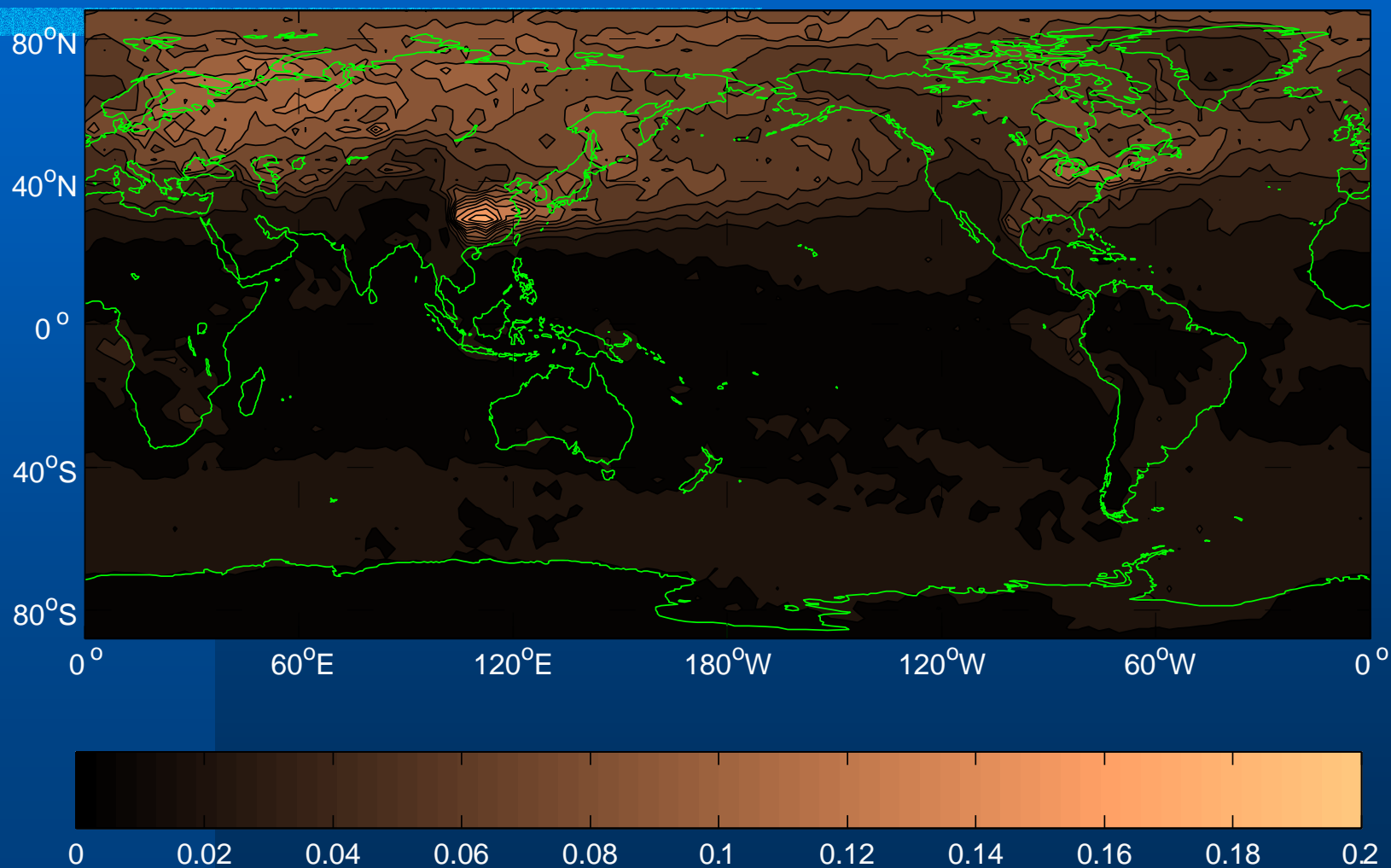


Optical Depth of Soil Dust (MAM)



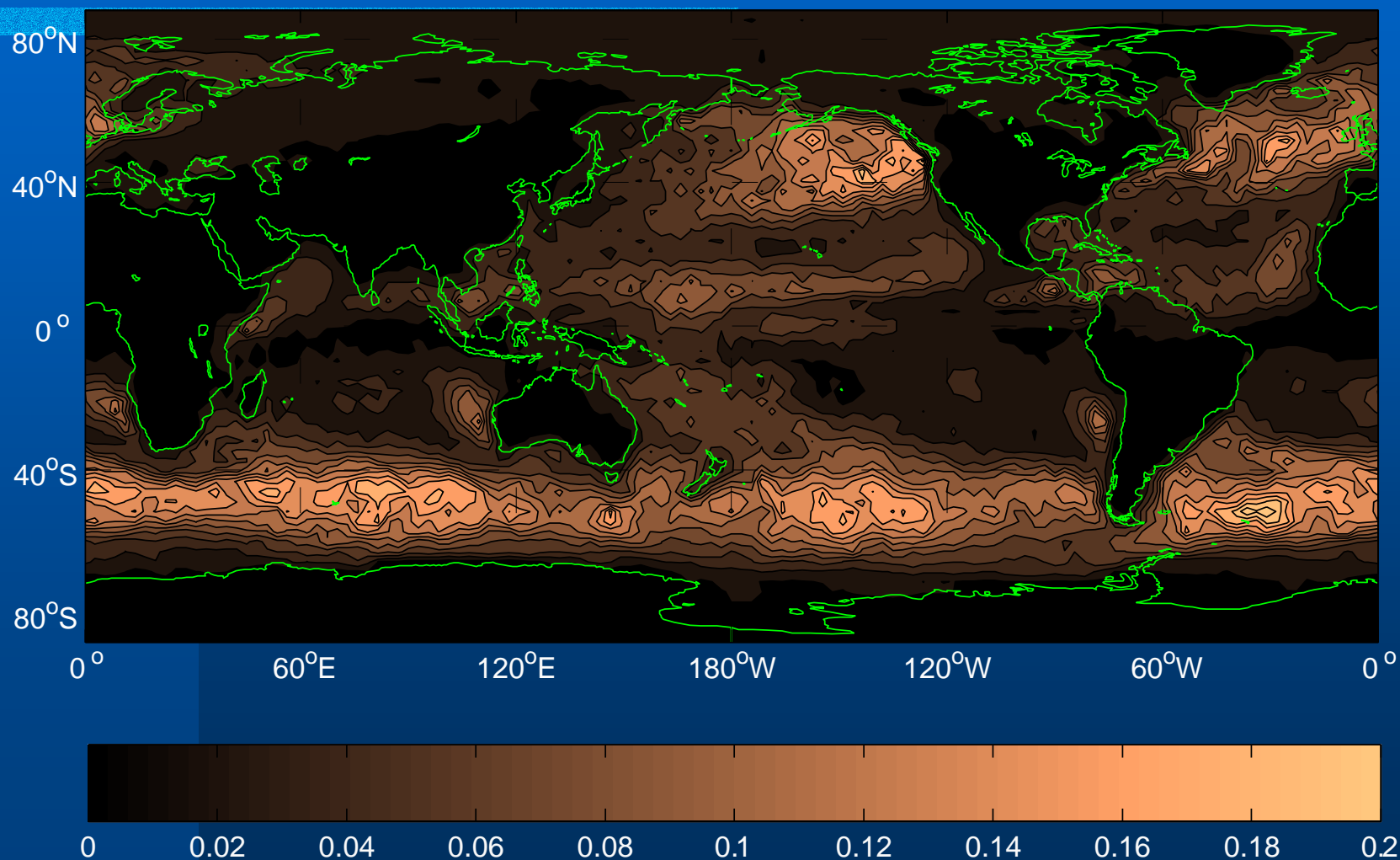


Optical Depth of Sulphate (MAM)



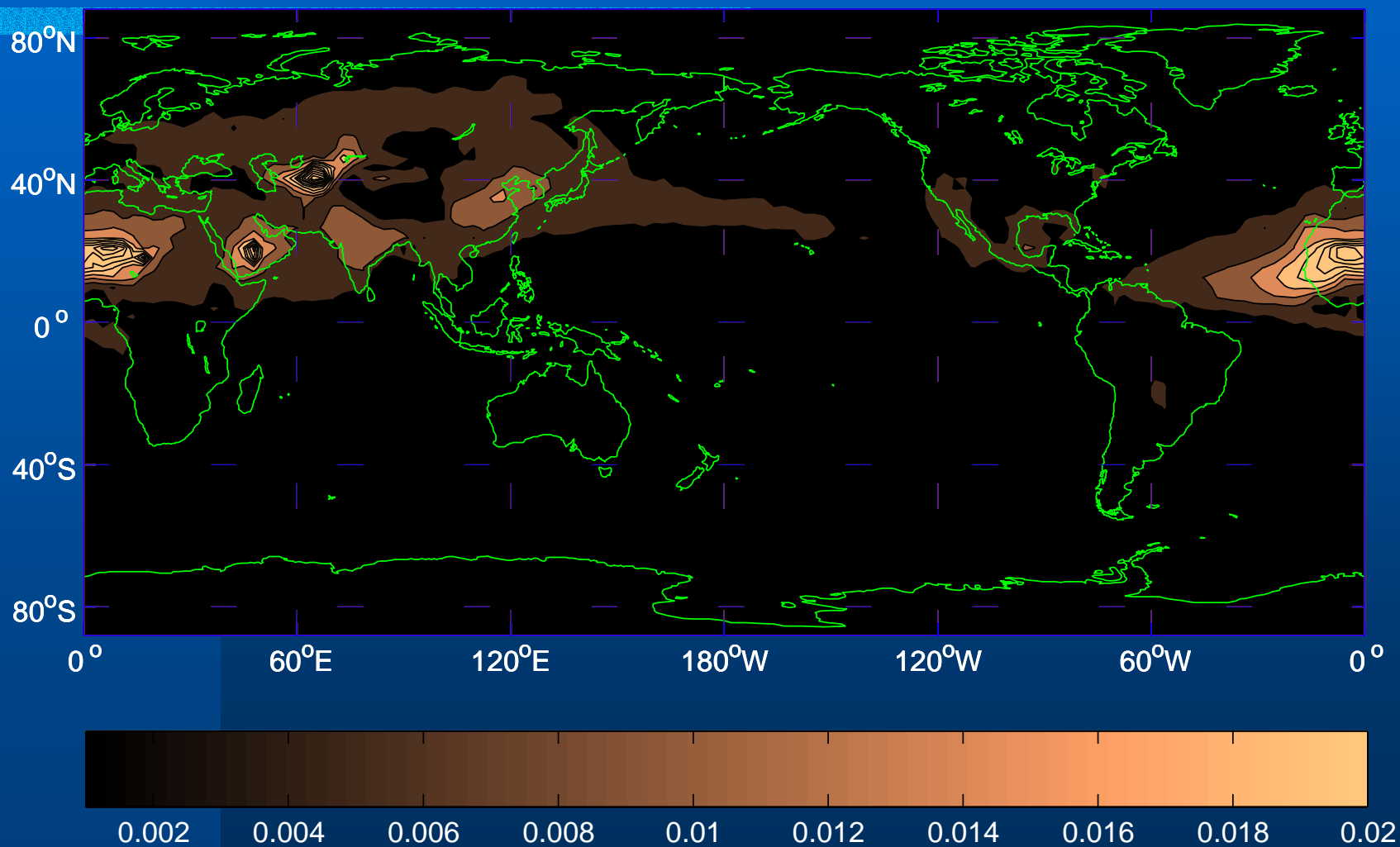


Optical Depth of Sea Salt (DJF)





Absorption Optical Depth





Percentage of Soil Dust Optical Depth (MAM)

