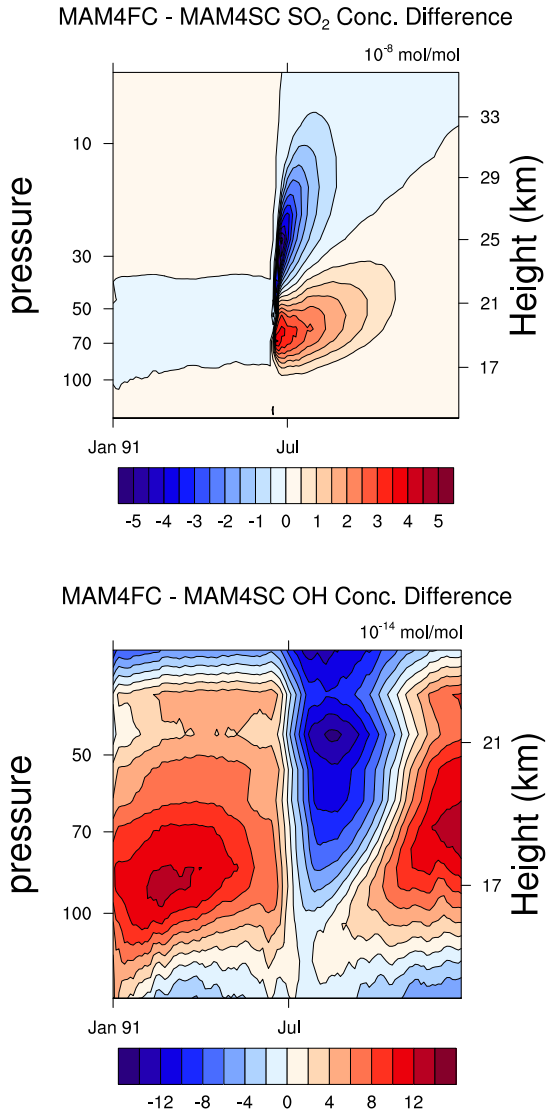
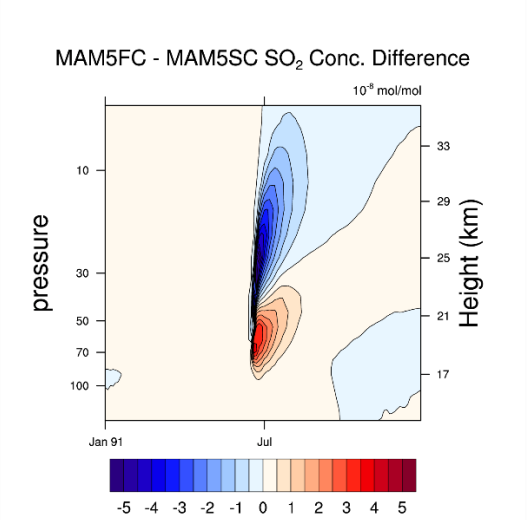


Figure S1: Differences in SO2 concentrations and OH concentrations between MAM4FC and MAM4SC. The vertical axis represents altitude, while the horizontal axis represents time. Values are averaged over all longitudes and 30S-30N latitudes.



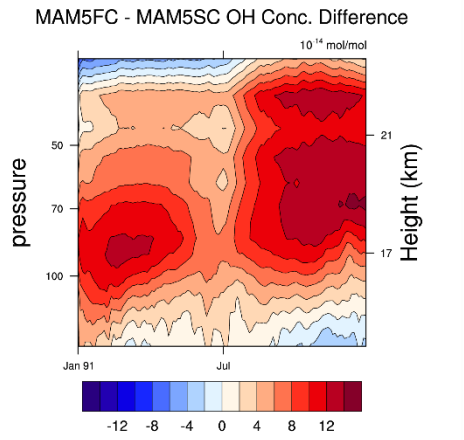


Figure S2: Similar to Figure S1, but with the MAM5 experiments instead.

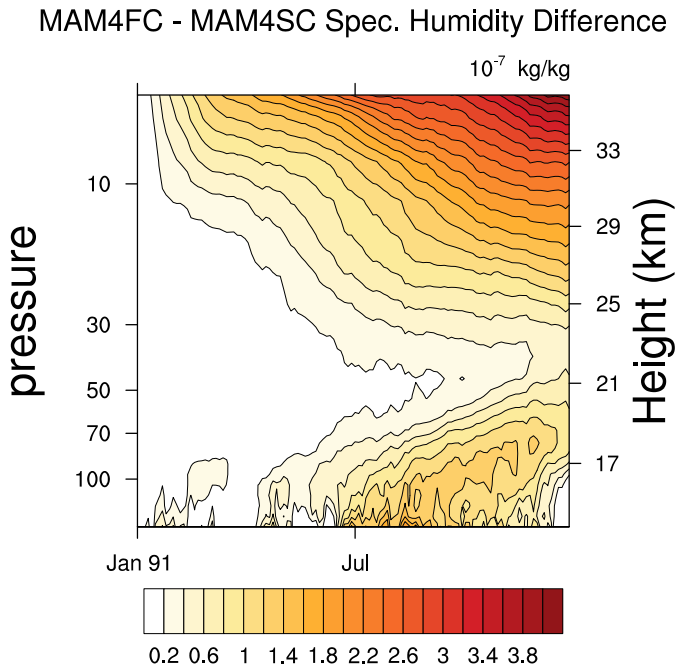


Figure S3: Differences in specific humidity between MAM4FC and MAM4SC. The vertical axis represents altitude, while the horizontal axis represents time. Values are averaged over all longitudes and 30S-30N latitudes.

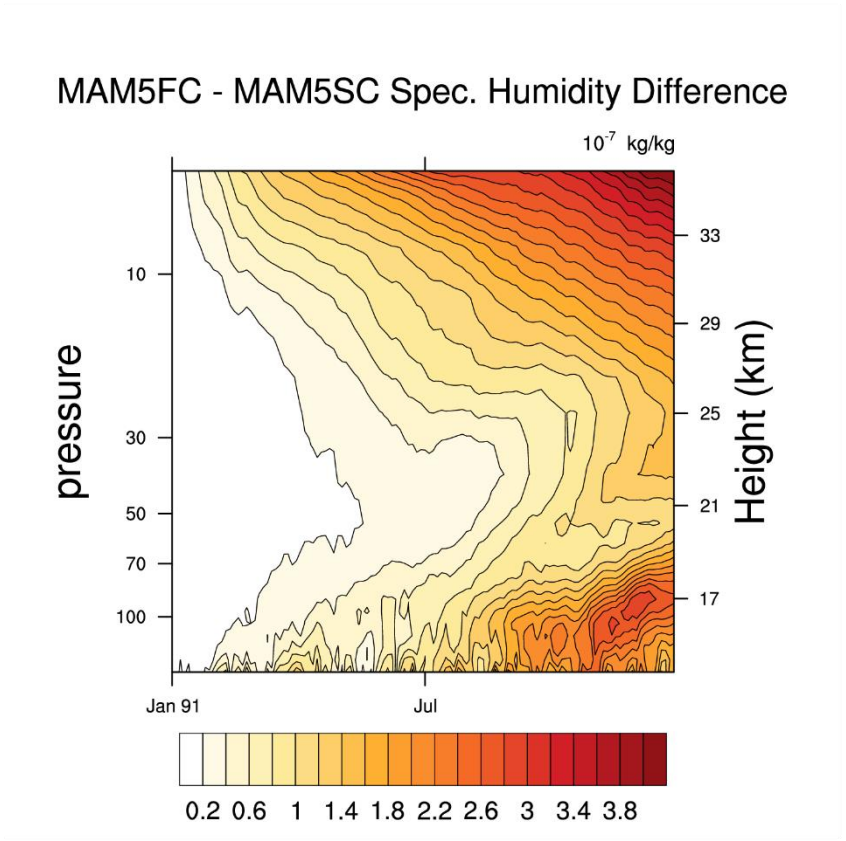


Figure S4. Similar to S3, but the difference in specific humidity in MAM5FC and MAM5SC instead.