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Supplement of

Ozone sensitivity to varying greenhouse gases and ozone-depleting substances in CCMI-1 simulations

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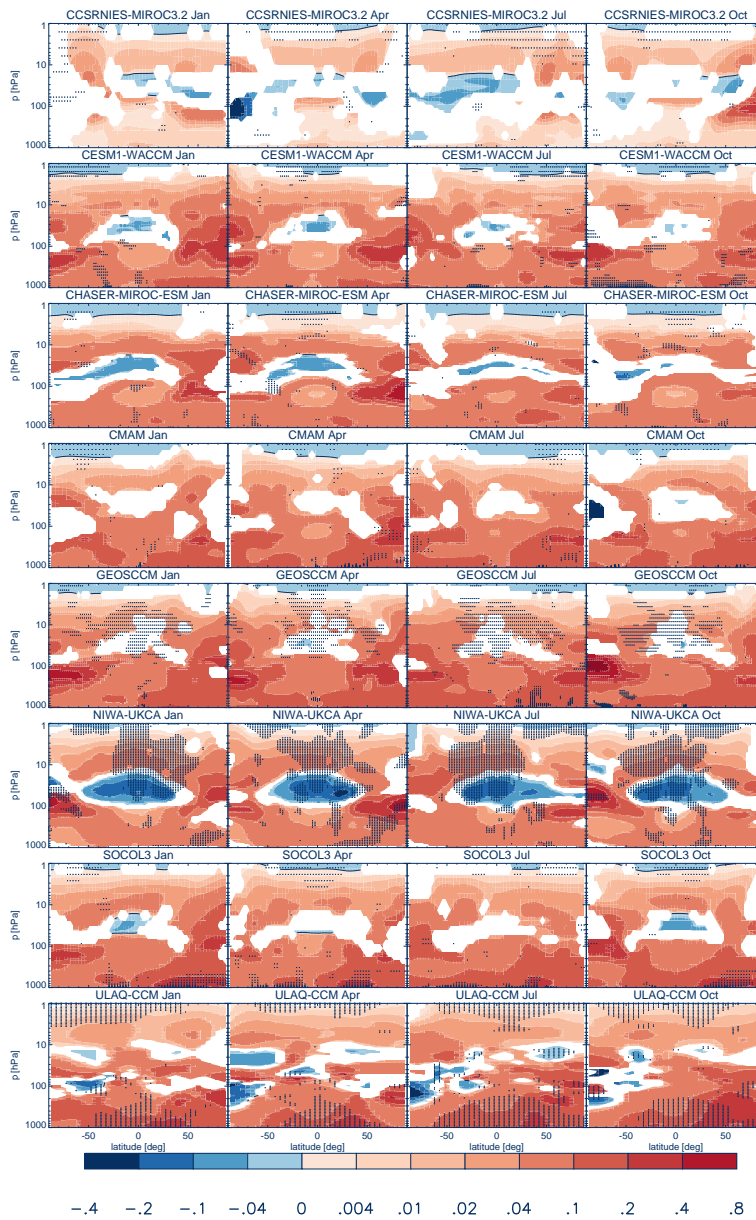


Figure S1: Same as figure 1, but based on ozone concentrations not mixing ratios, in units of 10^{-18} molecules/cm³/ppbv (CH₄). This depiction allows for an easier attribution of total-column changes to changes along the profile. Note the different vertical scale. Stippling denotes regions where the Durbin-Watson criterion (equation E5) is not satisfied.

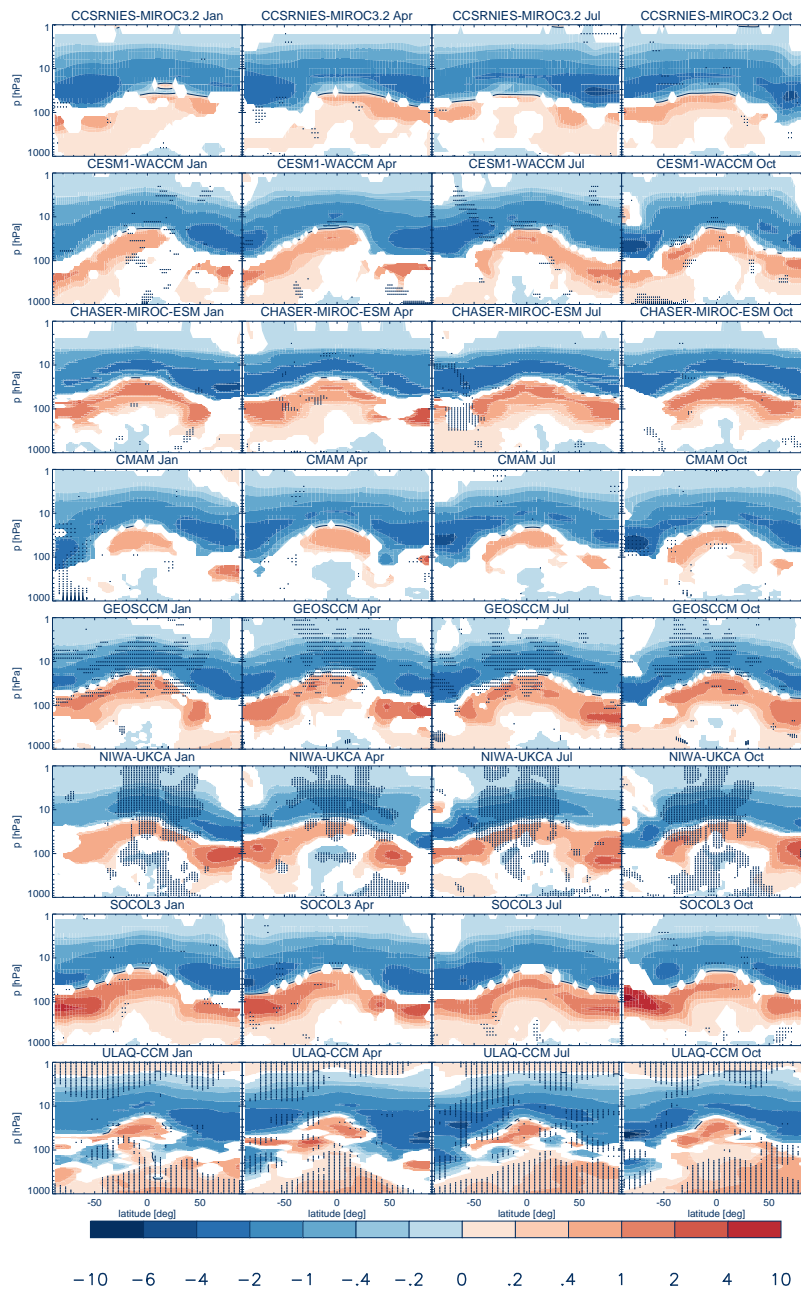


Figure S2: Same as figure 4, but in units of 10^{-18} molecules/cm³/ppbv. Stippling denotes regions where the Durbin-Watson criterion is not satisfied.

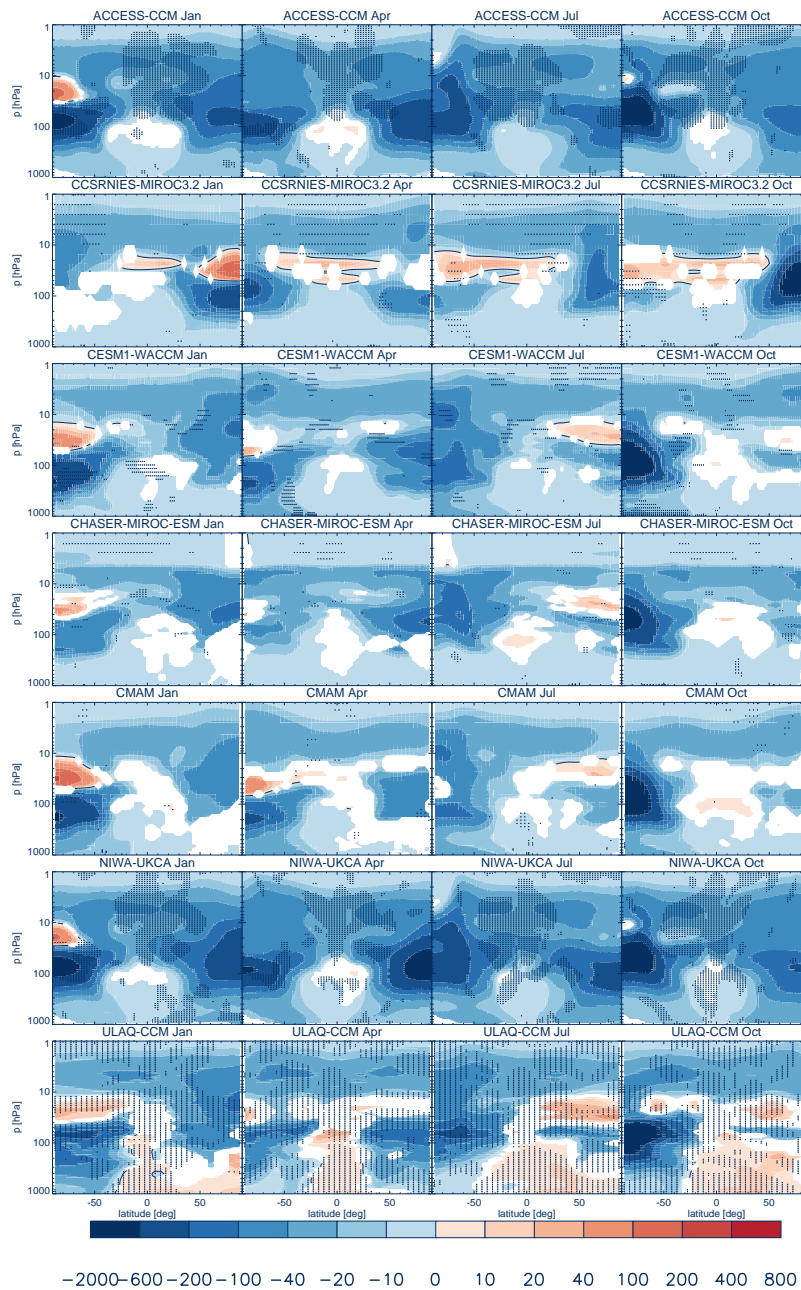


Figure S3: Same as figure 7, but in units of 10^{-18} molecules/cm³/ppbv (Cl^{eq}). Stippling denotes regions where the Durbin-Watson criterion is not satisfied.

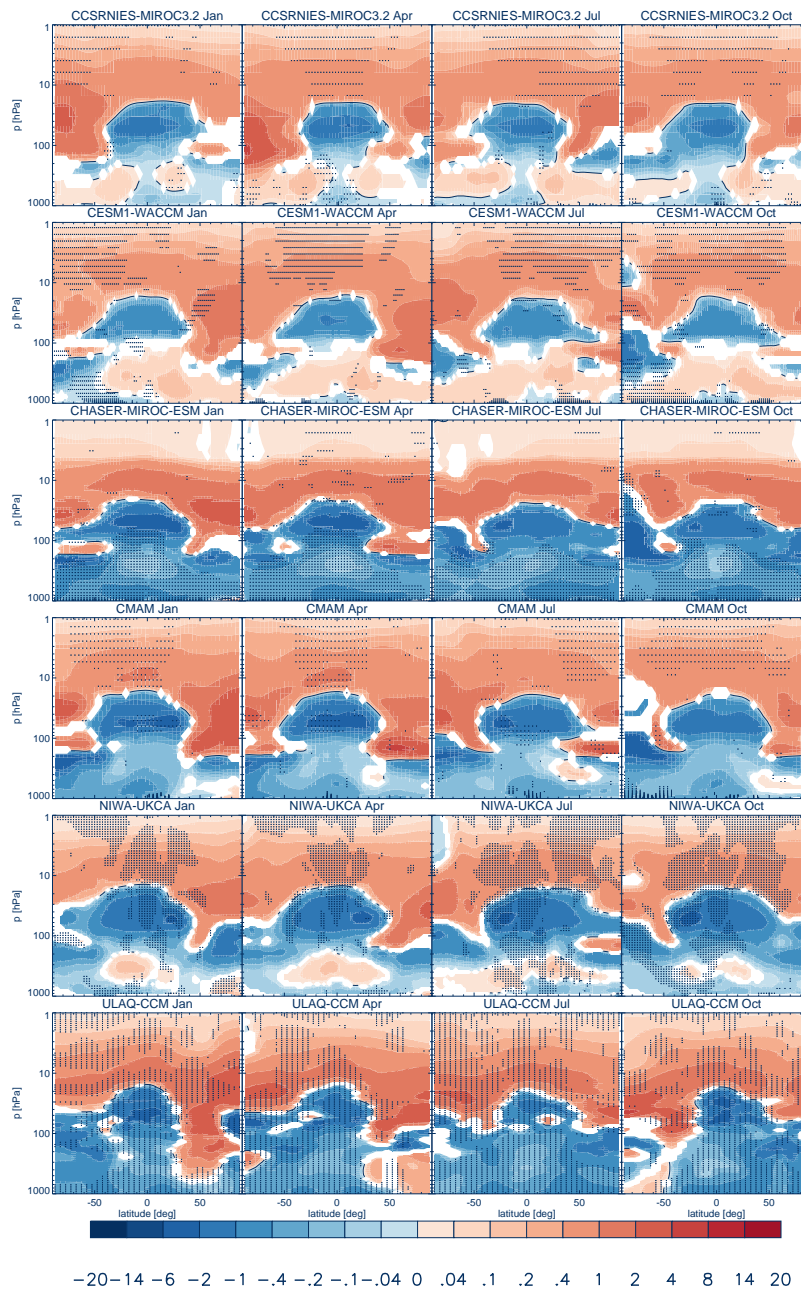


Figure S4: Same as figure 10, but in units of 10^{-15} molecules/cm³/ppbv (CO₂). Stippling denotes regions where the Durbin-Watson criterion is not satisfied.

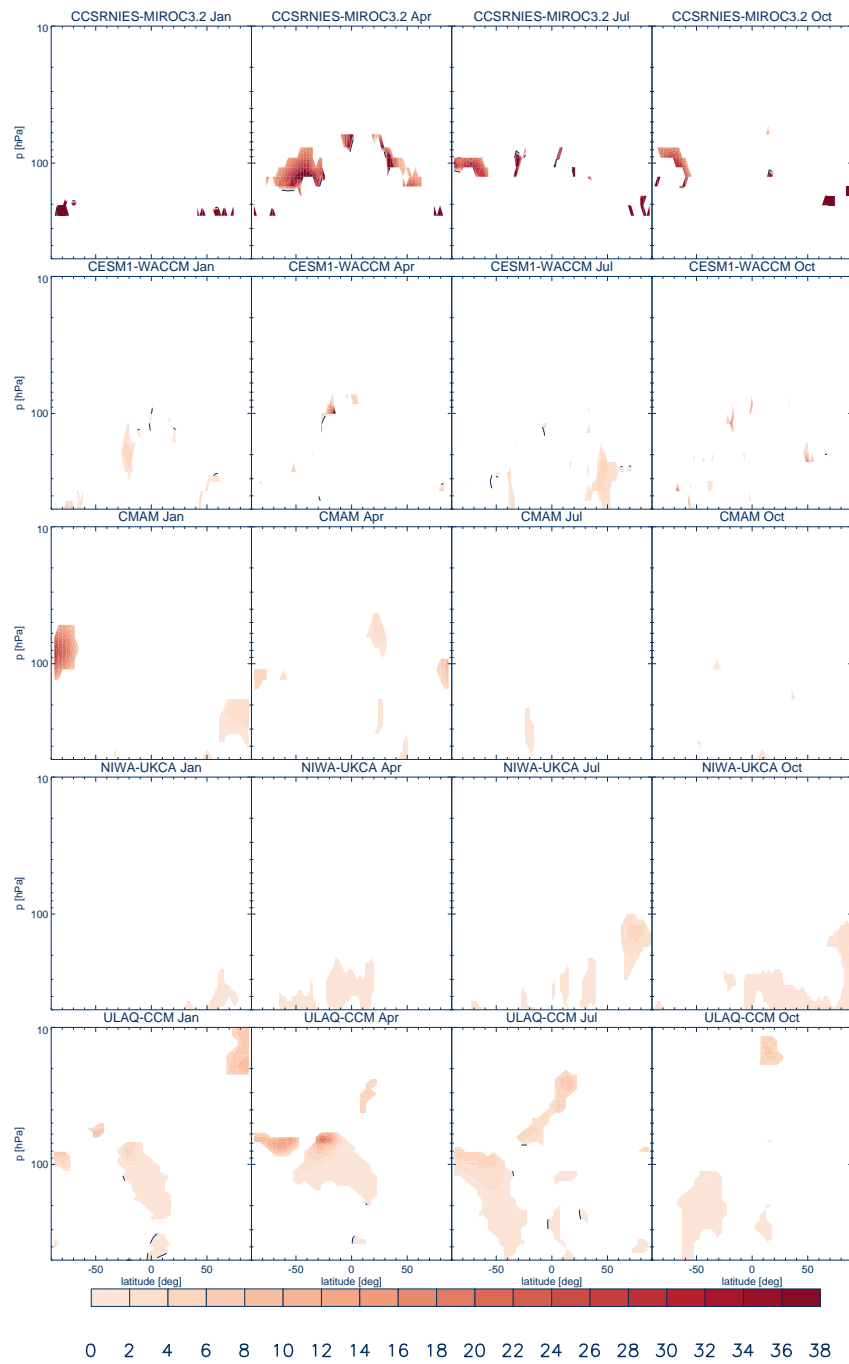


Figure S5: Ratio of stratospheric AOA increases to increases in surface N_2O , in 10^{-4} years/ppbv.

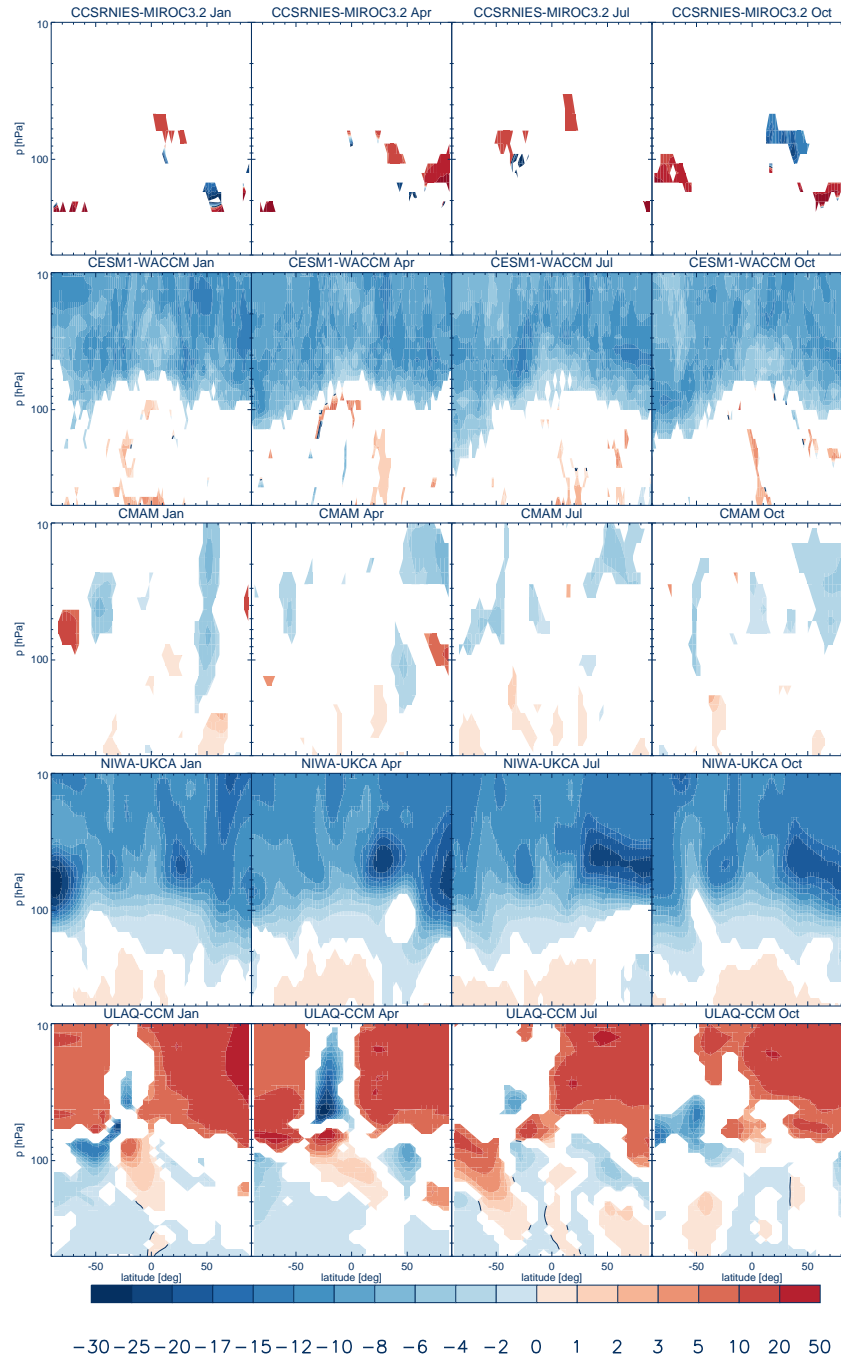


Figure S6: Same as figure S5, but for CH_4 , in 10^{-5} years/ppbv.

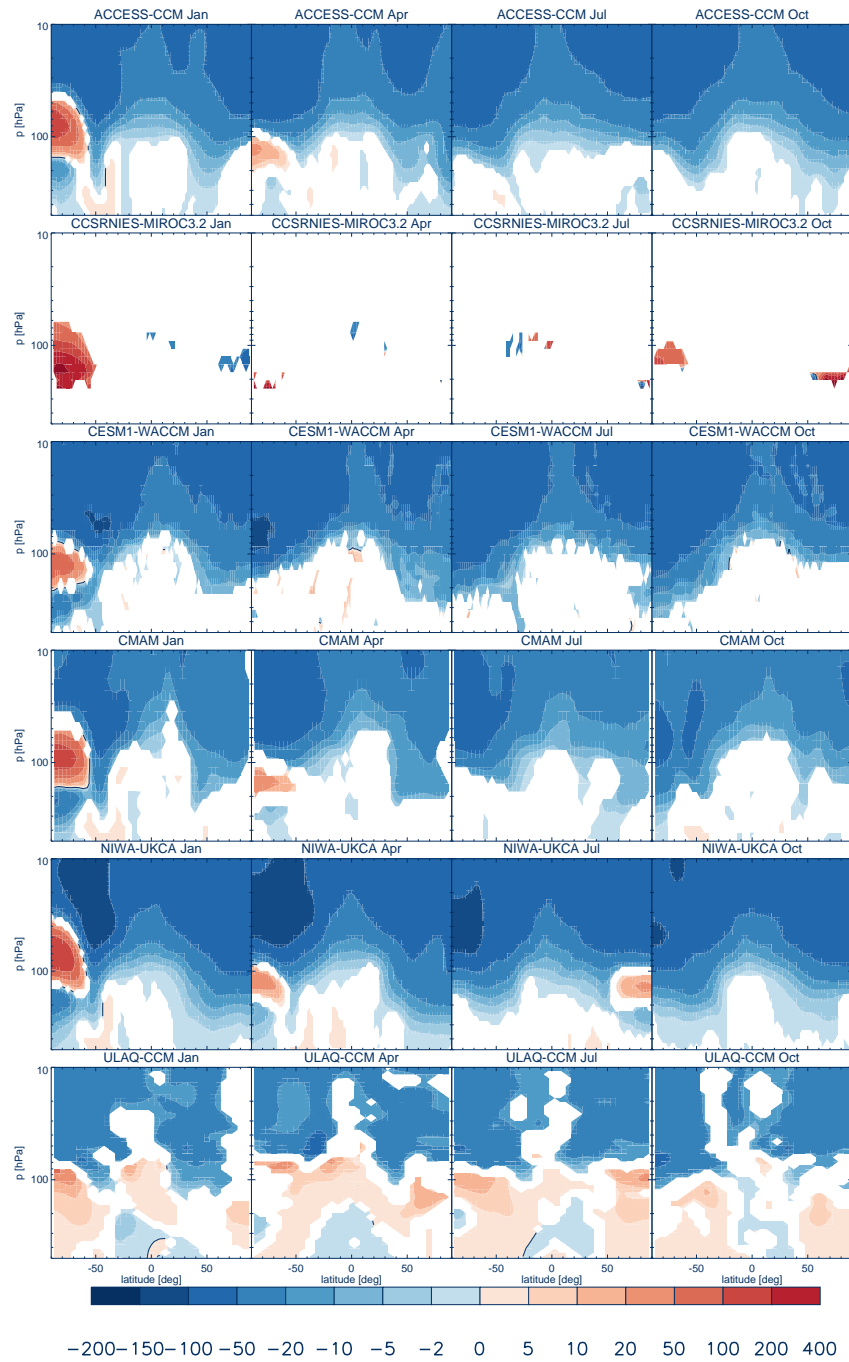


Figure S7: Same as figure S5, but for Cl^{eq} , in 10^{-6} years/pptv.

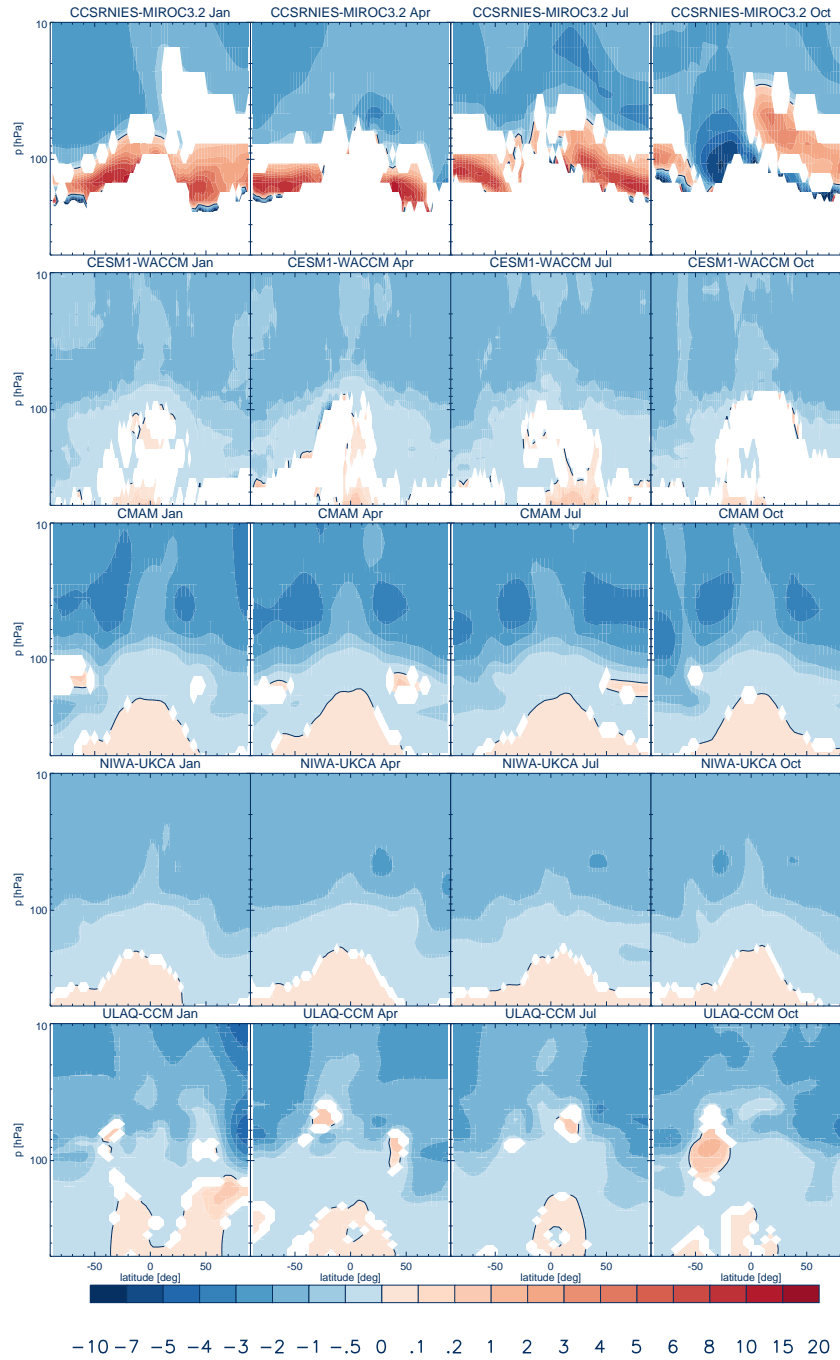


Figure S8: Same as figure S5, but for CO₂, in 10⁻³ years/ppmv.

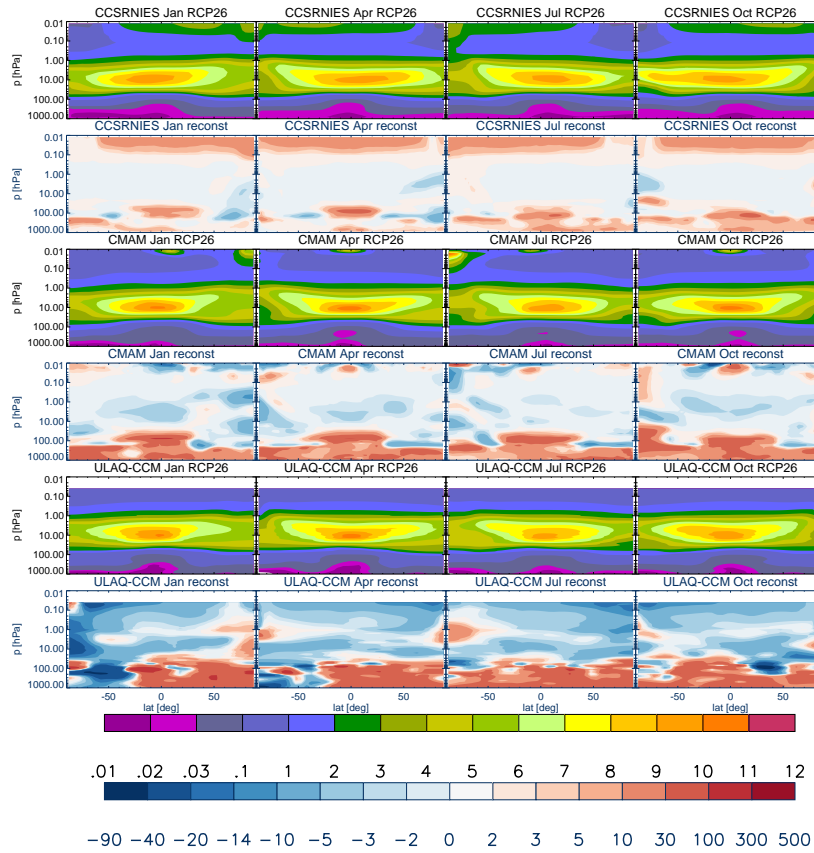


Figure S9: Same as figure 14 but for SEN-C2-RCP26.

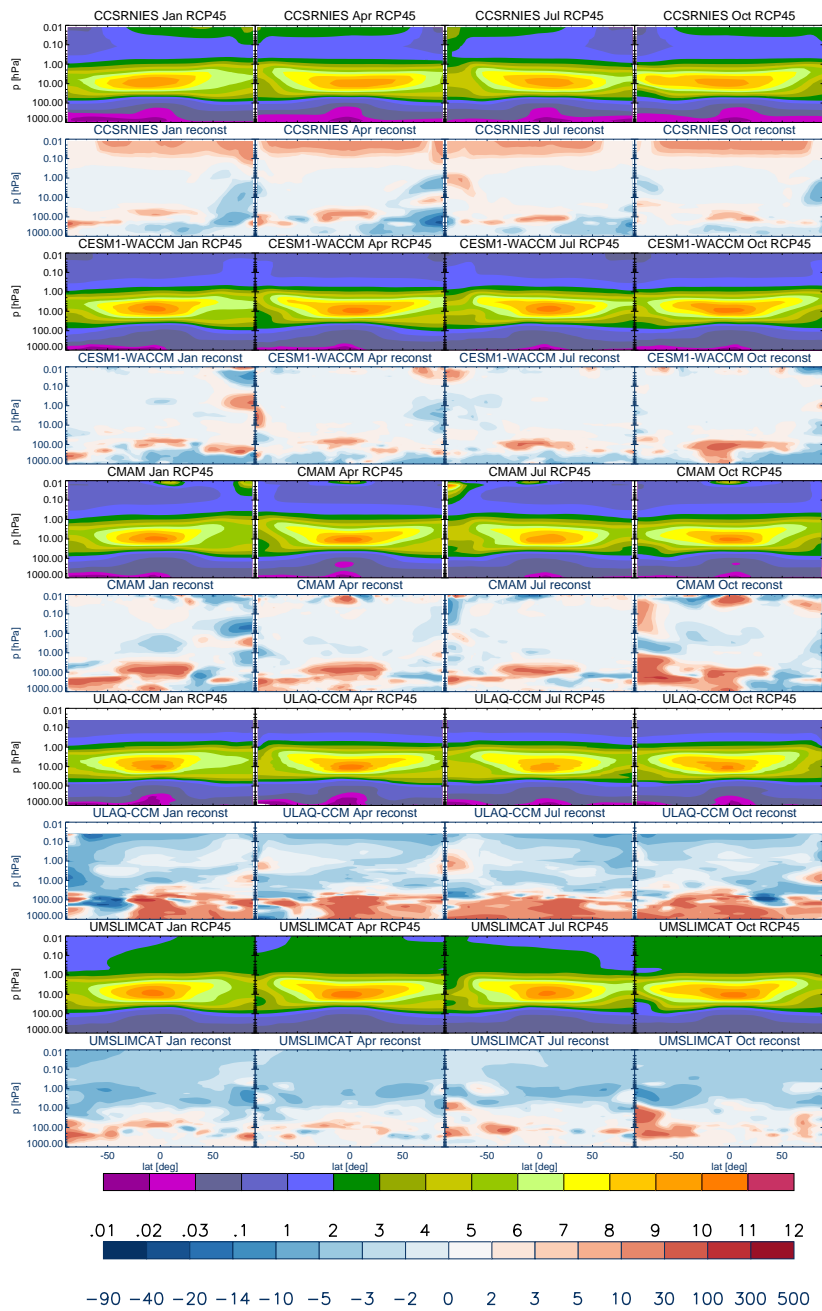


Figure S10: Same as figure 14 but for SEN-C2-RCP45.