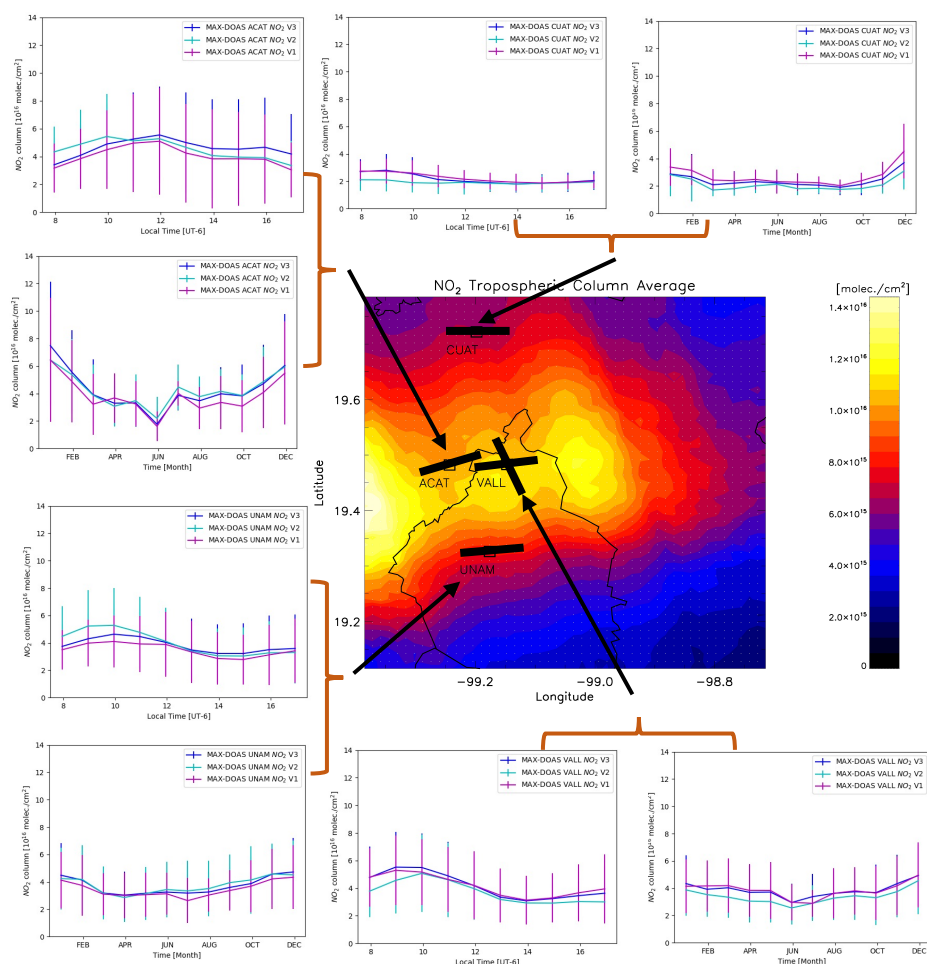


Rivera-NO₂ and HCHO horizontal inhomogeneities in Mexico City



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- Large spatial inhomogeneity of NO₂ and HCHO columns in the MCMA (observed as well by satellite-based data)
- Different VCDs are obtained from MAX-DOAS retrievals using data from different viewing directions
- NO₂ diurnal cycle characterized by a general increase during the morning hours
- HCHO diurnal cycle variable for each station, in general increasing during the day
- Different seasonal cycles identified for NO₂ and HCHO

