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## Supplement of

## Dynamics of ENSO-driven stratosphere-to-troposphere transport of ozone over North America

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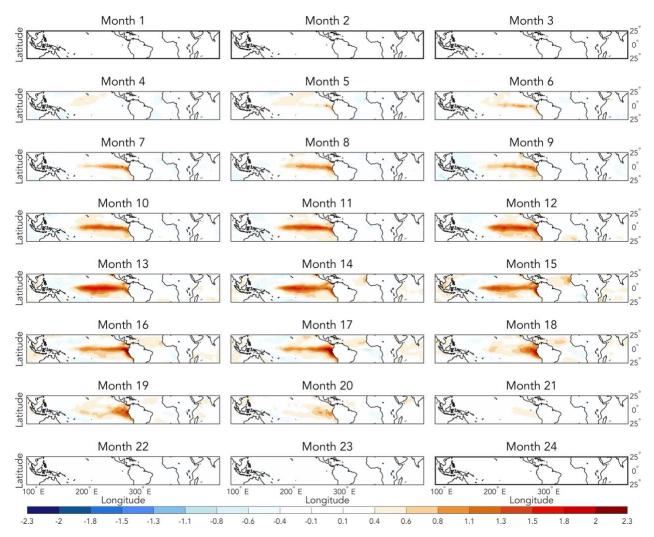
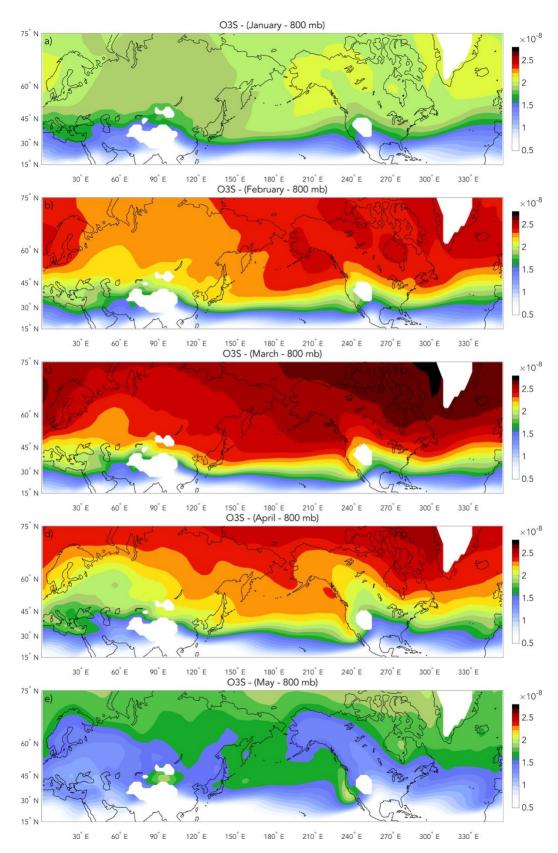
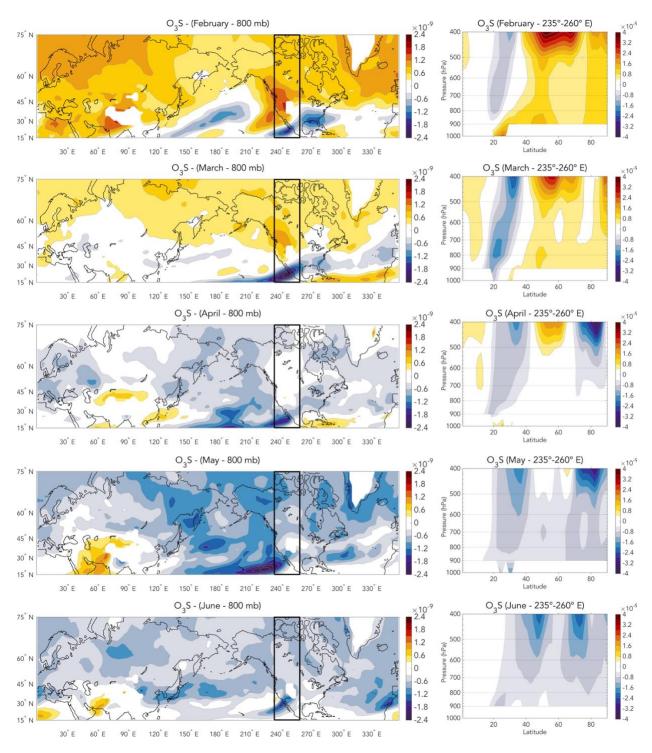


Figure S1: Two-year cycle of El Niño SST anomalies used in WACCM time slice simulations. Units are in degrees Celsius.



**Figure S2**: January-May O<sub>3</sub>S climatology at 800 hPa. Units are mass mixing ratio. White areas reflect missing data associated with topography.



**Figure S3**: February-June La Niña composites of: (left column) 800 hPa O<sub>3</sub>S anomalies, and (right column) zonal mean anomaly cross-sections of O<sub>3</sub>S where the longitudinal boundaries (235°-260° E) of the zonal mean correspond to the box overlaying the left column composites. All units are mass mixing ratio.