

LMOL report for 2021 September 9 operations ; University of Houston Campus

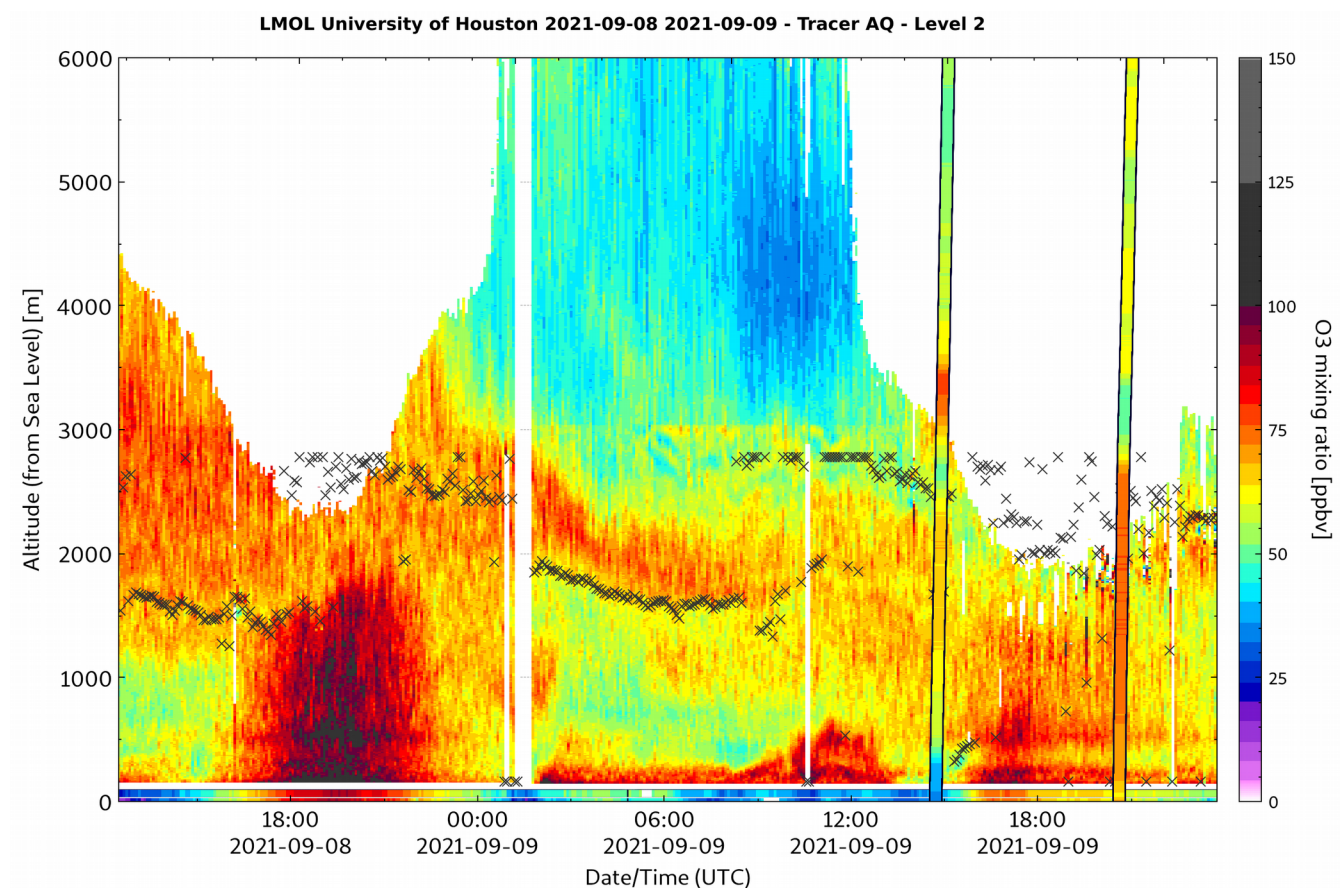
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Sonde operations: yes

Lidar operations

The lidar was started around 7h00 LT / 12h00 UTC on Sep 08; it performed nominally and was switch off at dusk on Sep 09.

The quick look is below, along from the ground data from Moody Tower and the Launch Trailer; as well as the sondes.



This is a PRELIMINARY data plot that went through the first quality control.

Please contact us for a validated plot / data

other:

Remarks:

- GEOS data were used for this plot
- The little cross are a layer detection test. If they are above 100m altitude it means correction of the O3 curtain from the aerosol contamination has been successful. It will fail when there is too many clouds.
- High O3 layers are observed and do not have equivalent near the ground.