

LMOL report for 2021 September 6 operations ; University of Houston Campus

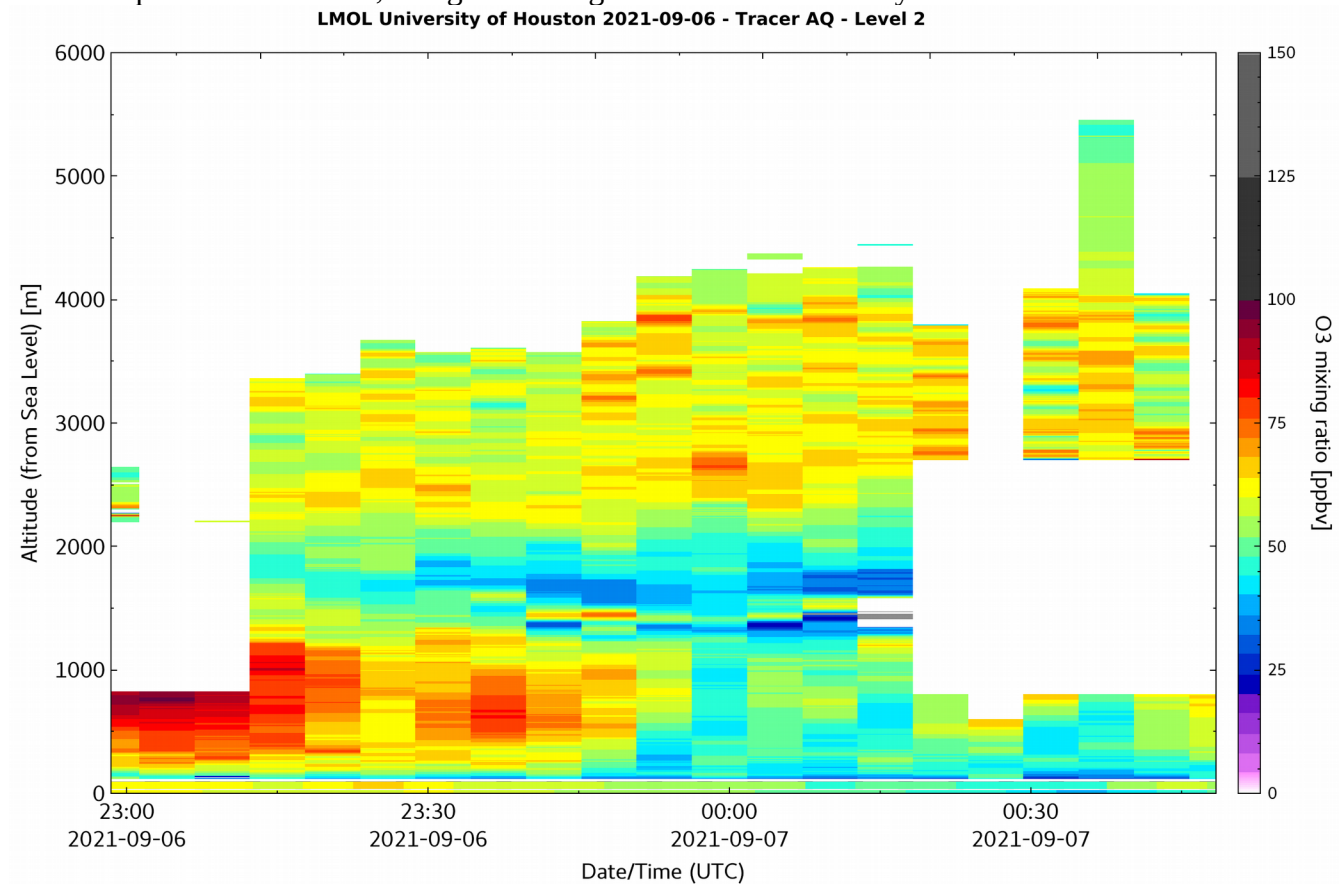
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Sonde operations: none

Lidar operations

The lidar was started around 18h00 LT / 23h00 UTC when we realized high O₃ levels at the Moody Tower.

The first quick look is below, along from the ground data from Moody Tower and the Launch Trailer.



This is an UNOFFICIAL and PRELIMINARY data plot, extreme values, especially at high altitude and low altitude are not quality assured, not to be used for quantitative purposes. The sonde temperature/pressure data or GEOS pressure/temperature were not used in the making of this plot; which could create systematic biases in the O₃ of the order of 10%.

Please contact us for a validated plot / data

other:

Remarks:

- 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.