

LMOL report for 2021 August 26 operations ; Houston University Campus

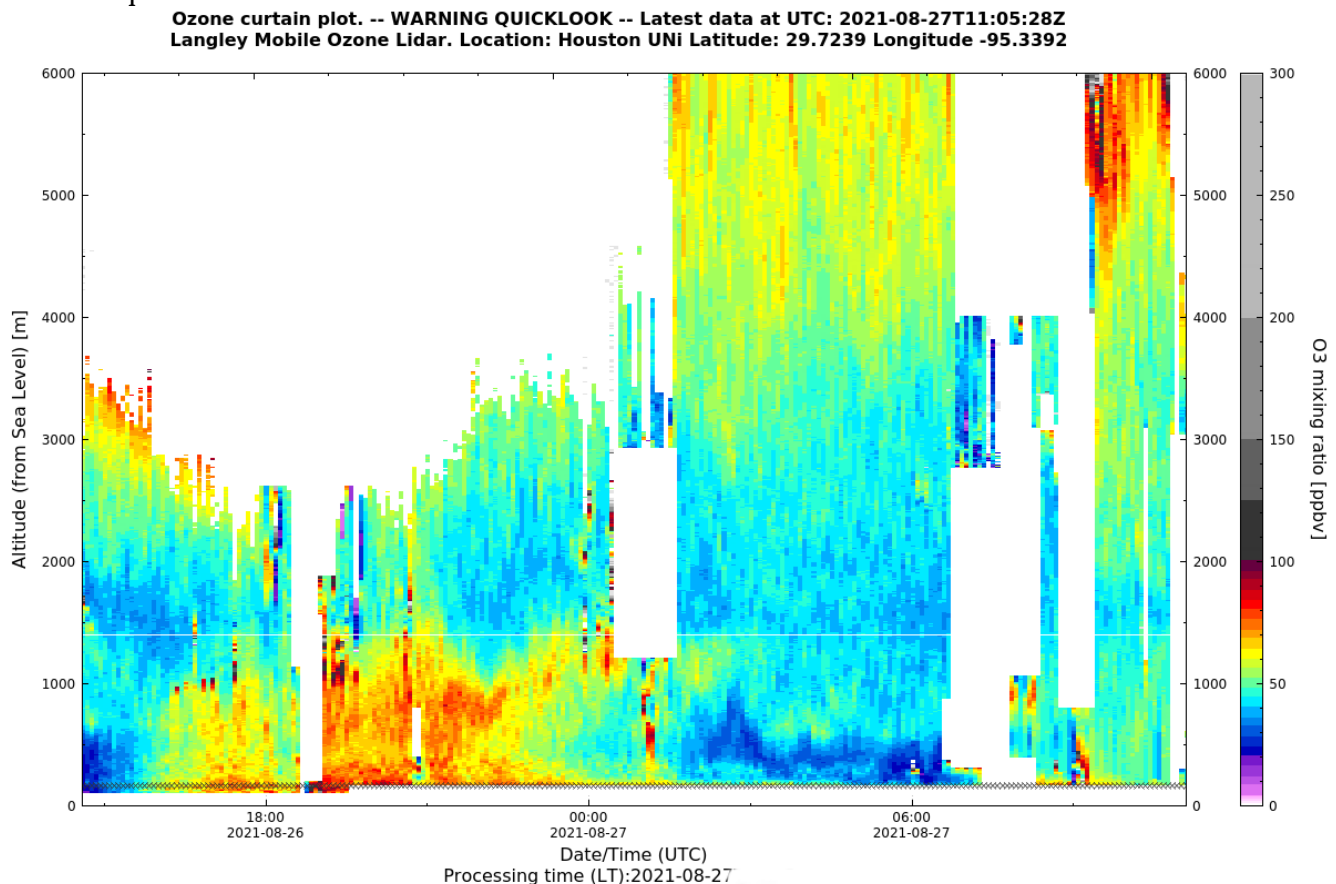
Contact: Guillaume.P.Gronoff@nasa.gov ; Timothy.A.Berkoff@nasa.gov

Sonde operations: none

Lidar operations

The lidar was started around 9h30 LT / 14h30 UTC; it performed nominally until the morning of August 27th a near full coverage has been done in that time period, with perturbations coming from cloud and rain.

The first quick look is below.



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 creates systematic biases in the O3 of the order of 10%.

Please contact us for a validated plot / data

other:

Remarks:

- Unexpectedly, higher O3 values were observed after the rain.
- The “Dinosaur” (Diplodocus) pattern, already observed during OWLETS-2, is again present in these observations.