

# ACAM Flight Report – California Deployment

Date of operation: Transit flight – 01/13-14/2013

## Operations and instrument status

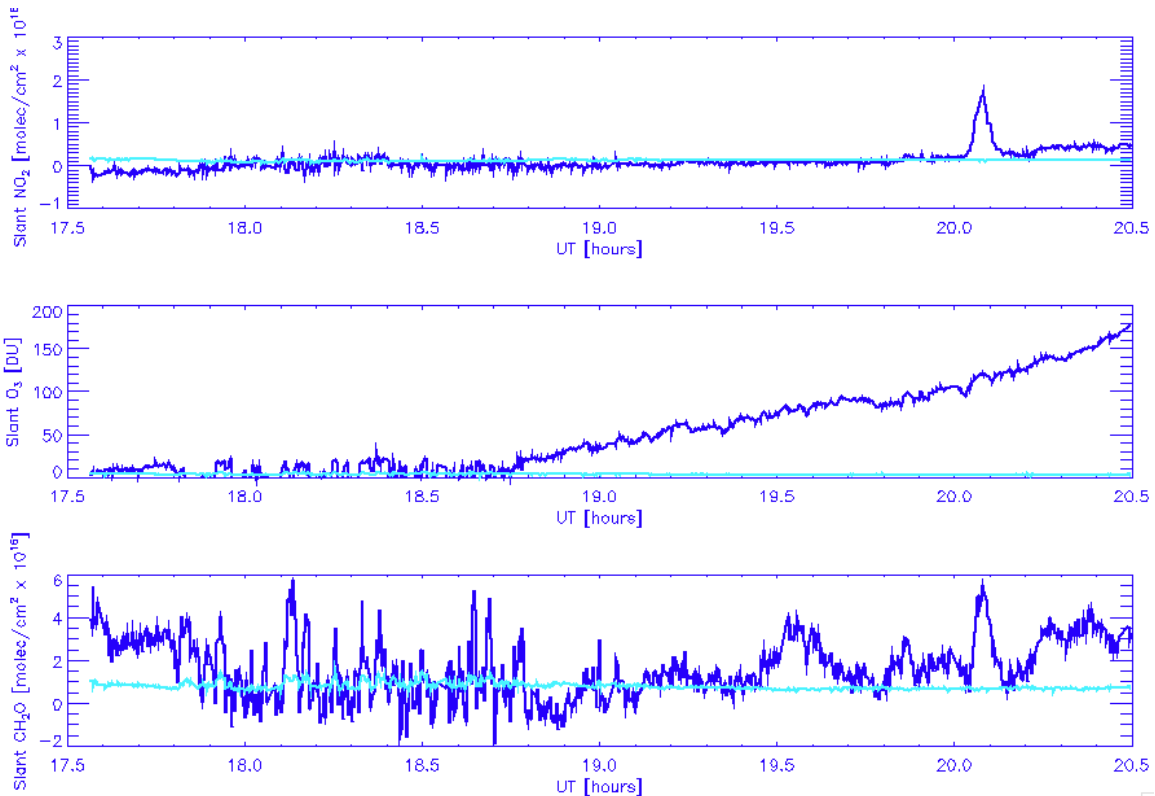
Instrument operated normally during the transit flight from Langley to Palmdale. Housekeeping data was within normal limits and science data was collected over the entire flight path.



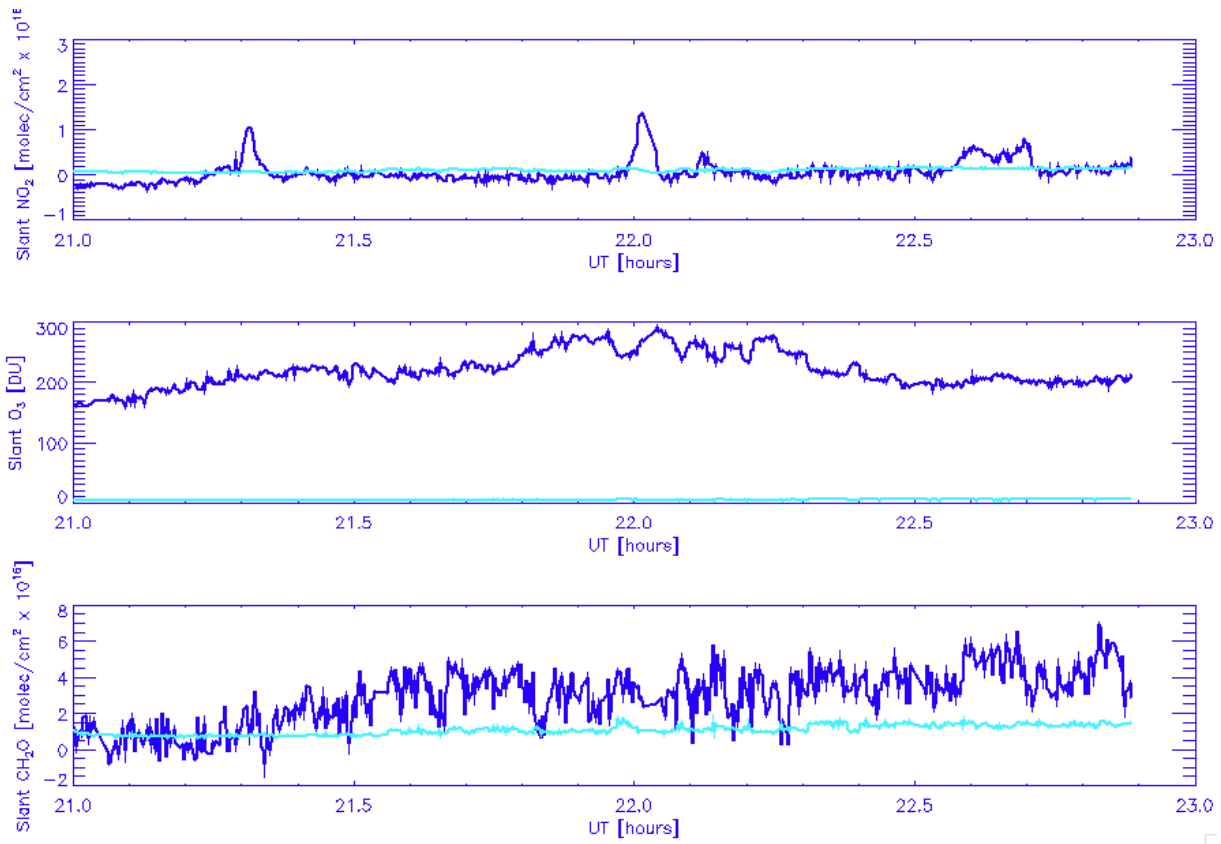
## Science Summary

Trace gas measurements are shown below as differential slant column values relative to a low solar zenith angle reference. Very little boundary layer  $\text{NO}_2$  is seen with the exception of a peak in the vicinity of Bowling Green/I-65

### Time series plots of $\text{NO}_2$ , $\text{CH}_2$ and $\text{O}_3$ – Transit Day 1.



## Time series plots of NO<sub>2</sub> CH<sub>2</sub> and O<sub>3</sub> – Transit Day 2.



**NO<sub>2</sub> maps (future reports)**