Operations and instrument status
Instrument operations were normal.

Science Summary
Trace gas measurements are shown below as differential slant column values relative to a minimum solar zenith angle reference. The same NO\textsubscript{2} hot spots are seen in the Bakersfield and Fresno area in the afternoon but at ~1/2 the levels seen on previous days due to the decrease in traffic on the weekend. All other locations show relatively low levels. Some early enhancements in CH\textsubscript{2}O are also observed. Also shown is retrieved CHOCHO which shows elevated levels and a hot spot west of Fresno in the morning.

Time series plots of NO\textsubscript{2} O\textsubscript{3} CH\textsubscript{2} and CH\textsubscript{2}O\textsubscript{2}
NO\textsubscript{2} values over Fresno peak around 2\texttimes{}10\textsuperscript{16} molecules/cm\textsuperscript{2} in the afternoon, a factor of 2 lower than previously seen.

There are two enhancements of CH\textsubscript{2}O seen only on the first leg of the morning flight, SE of Bakersfield and on the approach to the Huron site.