

# TC4 DC8 Science Flight: July 31, 2007

## Tentative Flight Plan

**Flight Scientist:** P. Wennberg.

**Sortie:** TBD

**Pilots:** Ed Lewis and Mike Fuller

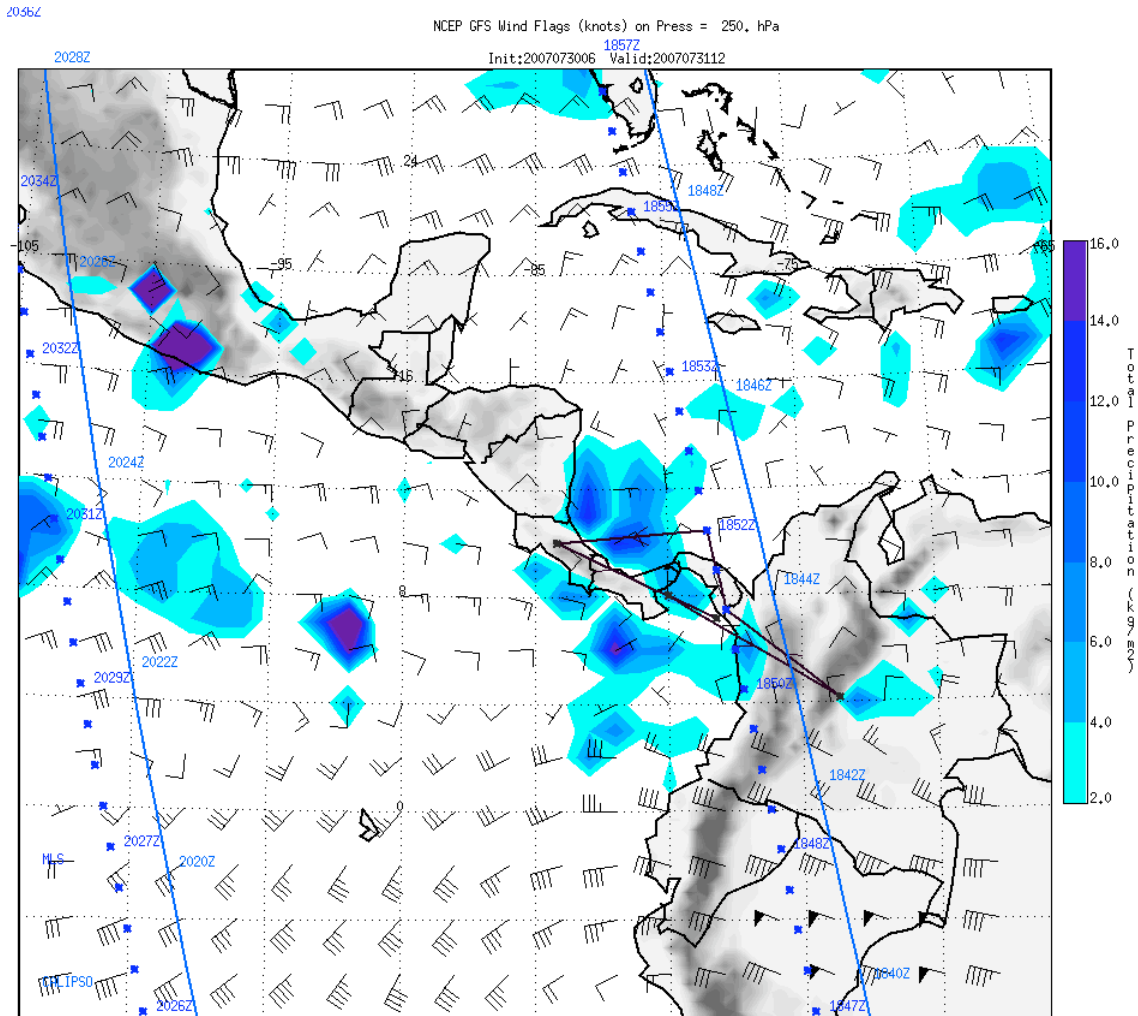
**Takeoff (SJO):** 1230 UTC

**Landing (SJO):** 2030 UTC (2:30 PM local)

**Duration:** 8:00

### Objectives:

1. Sample cirrus at multiple heights in the Panama Bight.
2. Measure outflow from the Amazon in central Colombia.
3. Observe ozone, carbon monoxide, and water vapor along MLS track.



Total Precip.; Winds at 240 mb valid 18Z on flight day.

**Flight Profile.** We will fly to the Bight and sample the marine boundary layer near the NATIVE trailer. We will ascend and profile through cirrus in coordinated flight with the ER2. After the ER2 heads back to SJO, we will profile over Villavicencio in central Colombia before heading home via a short detour along the MLS track.

