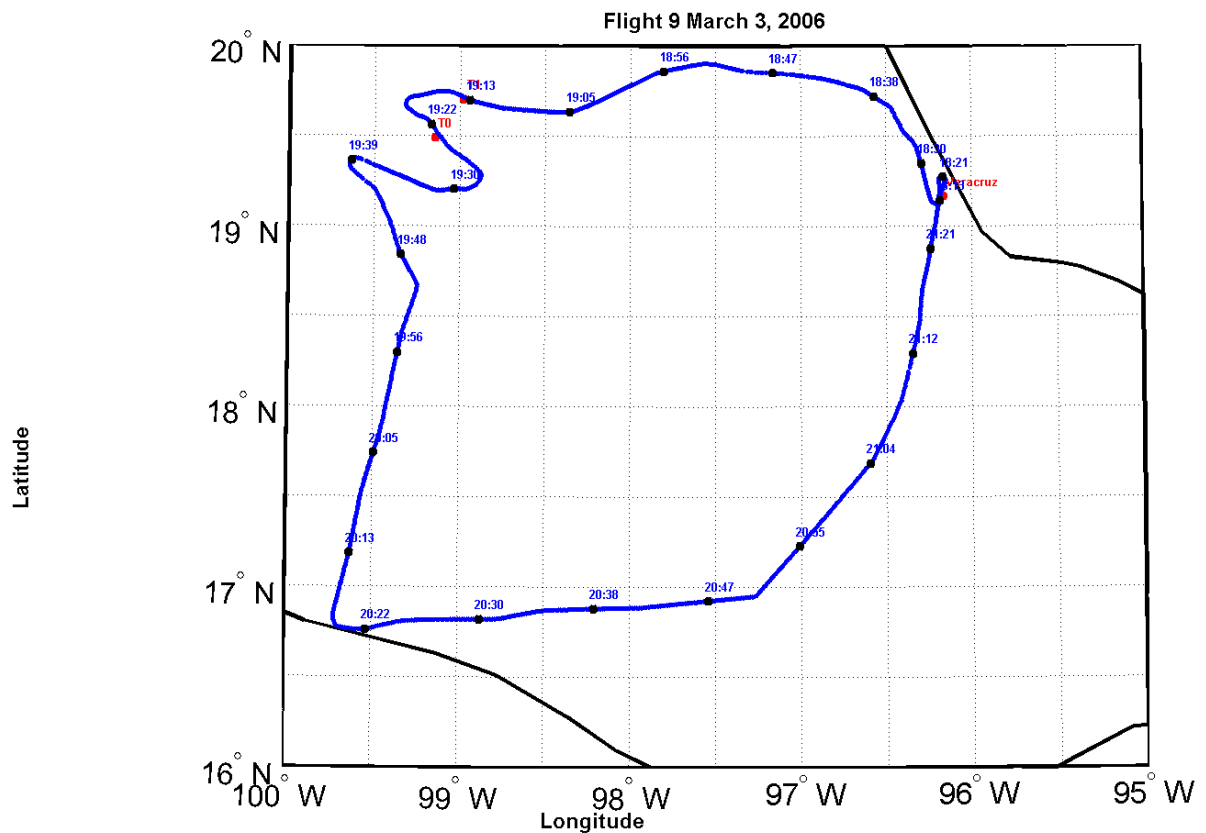


## NASA B200/MILAGRO-5 Flight Summary 3 March 2006

### Goals

- Overflight of stacked patterns from G1 flight plan “P” to acquire coincident remote and in situ data and characterize aerosol distribution in the MC basin
- Overflight of T0 and T1 ground sites
- Survey south and southeast of Mexico City to locate plume as input to C130 flight plan for their 4 March flight

### Intended Flight Plan



Mission proceeded as planned and data were acquired corresponding to all objectives.

Data were acquired over the G1 flight tracks and information on layer altitudes were radioed to the G1 when it arrived on station. Reports from G1 scientists indicated that this information was useful in selecting new altitudes for their stacked/wall patterns during their mission.

Lidar data images from this flight will soon be posted to the Research Products section of the MILAGRO Field Catalog.

### **Instrument Status**

The HSRL and HySPAR instruments functioned nominally. The LAABS instrument locked up a few times during the flight and had to be restarted.