April 22 Mission

Submitted by poellot on Sat, 04/23/2011 - 08:19

• Citation

Flight Date:

Friday, April 22, 2011

Status:

Green

Sortie Number:

MC3E-1

Flight times were from 2234 to 0057 UTC. Takeoff was delayed for 30 minutes due to ATC clearance delay.

Flew around the south end of a solid line of convection to reach anvil cloud on the east end. The aircraft remained approximately 20 miles from the reflectivity cores. Sampling was done initially at 30,000', which was near the base of the anvil but solidly in cloud for most of the sample leg. The aircraft climbed to 32,000' during the return sample leg. Cloud particles included small aggregates, few pristine crystals. Sampling was done approximately between 2331 and 0003 UTC.

Instrument issues: The 2DC did not work for the entire flight. The CIP was intermittent. All other probes functioned normally.

Mike Poellot





