

rf07 - Reflectivity pdfs for beginning, middle and end of flight.

Gabor Vali - September 24, 2003

Two plots are presented for each of three circles: 0801-0831, 1106-1136 and 1416-1446 UTC. These circles are designated as RL in the DYCOMS overview document. The first and last were flown at about 2600m and the middle one at 1070 m MSL.

The "zr_dens" graphs show (i) the frequency of reflectivity values at each altitude in the form of a grayscale image, (ii) the mean reflectivity profile and (iii) the reflectivity converted to drizzle rate using a fixed (altitude independent) Z-R relationship.

The "zr_hist" graphs show histograms of reflectivity at selected altitudes.

RL1, 08:01-08:31 UTC: [zr_dens](#) [zr_hist](#)

RL2, 11:06-11:36 UTC: [zr_dens](#) [zr_hist](#)

RL3, 14:16-14:46 UTC: [zr_dens](#) [zr_hist](#)