

## **Mixed Layer Evolution at T1**

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The mixed layer is a critical element controlling the concentration, evolution and disposition of aerosols. This poster discusses the dynamics of the mixed layer at the T1 site during the period March 5, 2006 – March 28, 2006. This time period included a variety of meteorological conditions that affected mixed layer development. In particular, the cause of apparent sudden diminution of aerosols (as seen by the micro pulse lidar at this site) on seven different days is explored on the basis of atmospheric transport, divergence, and scavenging by precipitation.