

# Lidar observations of the equatorial troposphere

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The lidar observation project of atmospheric structure over troposphere, stratosphere, mesosphere and low thermosphere above Kototabang (100.3E, 0.2S), Indonesia in the equatorial region has started from 2001. We arranged the Mie and Raman lidars for tropospheric aerosol, water vapor and cirrus cloud measurements. The Mie lidar observations for the tropospheric aerosol and cloud have started from October 2003. The system continues to operate routinely since January 2004. We present some preliminary data and result of cirrus cloud obtained from the Mie lidar system.