

Polarization 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 lidar for polarization measurements of tropospheric aerosol and clouds. We present some preliminary data and results of cloud obtained by the new polarization lidar system.