

The above-cloud optical depth (ACAOD) retrieval from observations by Ozone Monitoring Instrument (OMI) on the Aura satellite does not use radiance measurements at 470 and 860 nm as mistakenly implied by the authors. OMI's hyper-spectral coverage does not go beyond 500 nm. The OMI ACAOD retrieval technique uses observations at 354 and 388 nm to simultaneously retrieve above-cloud aerosol optical depth and absorption corrected cloud optical depth. The OMI near-UV application demonstrated for the first time the ACAOD retrieval capability based on satellite radiance measurements.