

Interactive comment on “Some considerations about Ångström exponent distributions” by F. Wagner and A. M. Silva

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while the terms aerosol optical thickness (AOT) and aerosol optical depth (AOD) are often used synonymously in literature, both the American Meteorological Society glossary (<http://amsglossary.allenpress.com/glossary>) and World Meteorological Organization CIMO Guide use AOD. Recently the terminology of the AERONET web portal was changed from AOT to AOD, too.

as a side remark: under low AOD conditions, the AE is also rather sensitive to errors in Rayleigh correction, resp. pressure normalization. Use of a constant pressure derived from height versus actual pressure may significantly affect the AE distribution at high altitude sites due to clear sky under anticyclone condition.

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