

Correction to “Optical properties of boreal forest fire smoke derived from Sun photometry” by N. T. O’Neill, T. F. Eck, B. N. Holben, A. Smirnov, A. Royer, and Z. Li

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INDEX TERM: 9900 Correction; *KEYWORDS:* aerosols, forest fire smoke, Sun photometry

[1] The paper “Optical properties of boreal forest fire smoke derived from Sun photometry” by N. T. O’Neill, T. F. Eck, B. N. Holben, A. Smirnov, A. Royer, and Z. Li (*Journal of Geophysical Research*, 107(D11), 10.1029/2001JD000877, 2002) was published with the wrong Figure A1. The correct Figure A1 with its caption appears below.

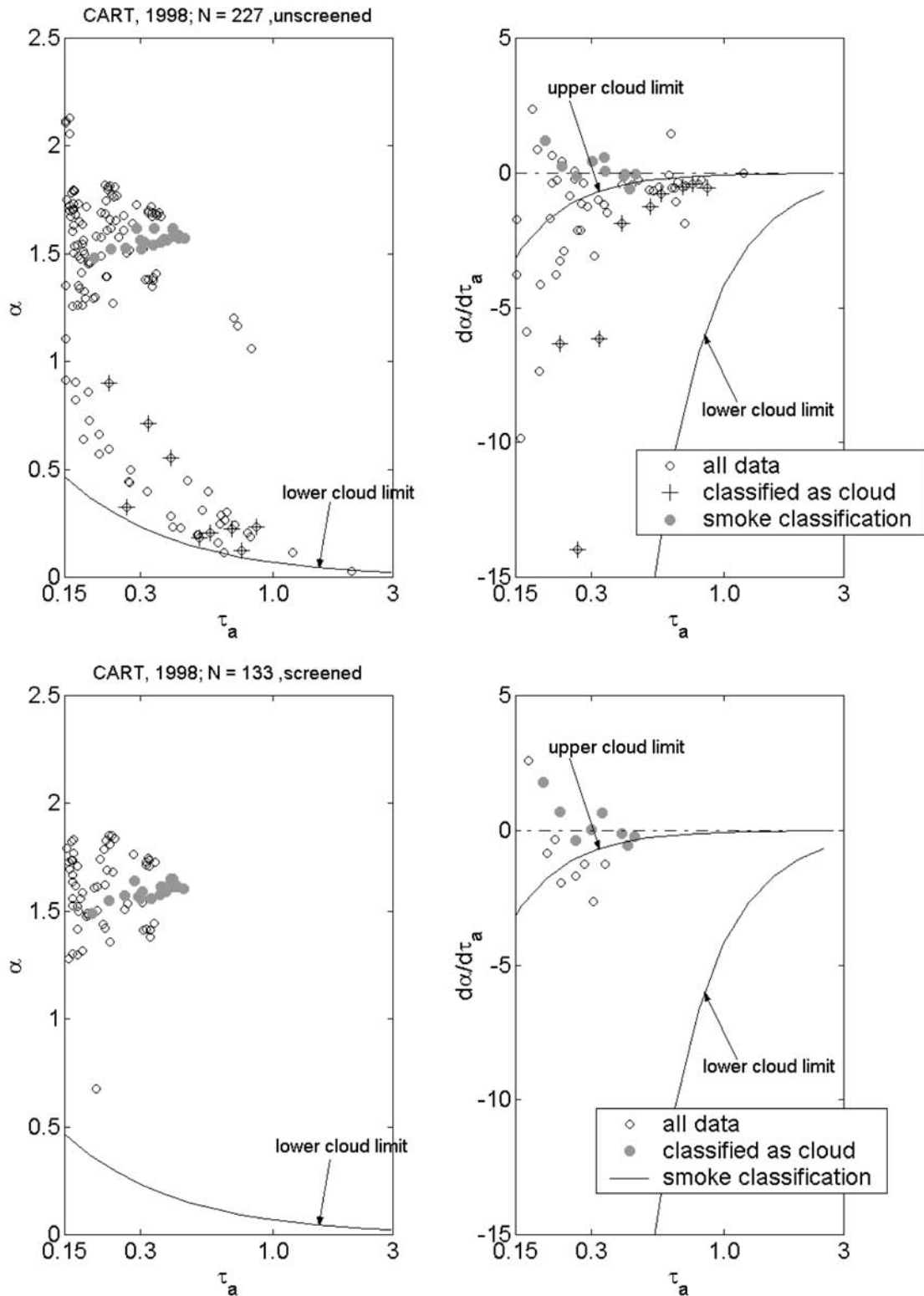


Figure A1. Sample of cloud discrimination criteria applied to data that have not been cloud screened according to the standard procedure (top pair of graphs) and which have been cloud screened using the standard procedure (bottom pair of graphs). The bounding conditions are given by $0.07 < \tau_a \alpha < 4.2$ on the α versus τ_a graphs and $-0.07/\tau_a^2 > d\alpha/d\tau_a + \Delta(d\alpha/d\tau_a)$ and $d\alpha/d\tau_a - \Delta(d\alpha/d\tau_a) > -4.2/\tau_a^2$ on the $d\alpha/d\tau_a$ versus τ_a graphs. The derivative $d\alpha/d\tau_a$ is computed from the ratio $[d\alpha/dt]/[d\tau_a/dt]$.