



Figure 1. Aerosol-induced change in net shortwave flux at tropopause ($\lambda < 4 \mu\text{m}$). Results are based on AVHRR/NOAA Aerosol Optical Depths (AODs) reported by Husar *et al.* [1997] for the period July 1989–June 1991. The aerosol model uses a typical column size distribution from TARFOX. Values above each frame are averages for the 25° – 60° N region, excluding African dust. (a–d) seasonal average (no clouds) with single scattering albedo $\omega(550) = 0.9$. (e–f) annual average (no clouds) for $\omega(550) = 0.9$ and $\omega(550) = 1.0$. (g–h) annual average (ISCCP clouds).