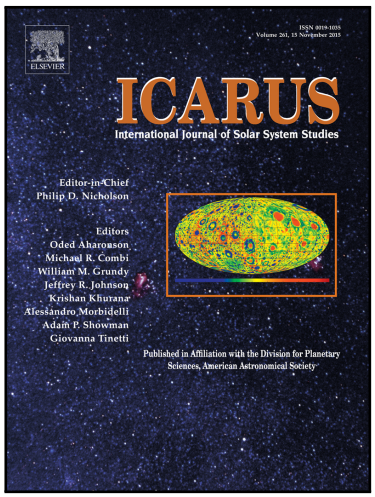

Aerosol optical depth as observed by the Mars Science Laboratory REMS UV photodiodes

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Highlights

- Systematic REMS observations enable retrieval of daily aerosol optical depth.
- Numerous short-lived increases in optical depth punctuate the background variation.
- Cleaning of dust from the REMS photodiodes was observed around Ls=270°.
- Aerosol particle sizes are larger on average when optical depth is highest.