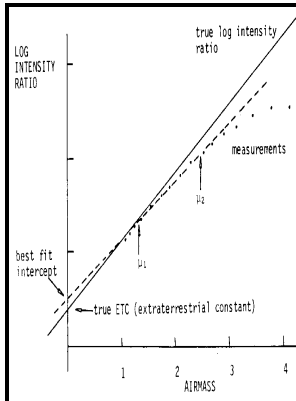


Scattered radiation in the ozone absorption bands at selected levels of a terrestrial, Rayleigh atmosphere

American Meteorological Society - WMO Global Ozone Research and Monitoring Project



Description: -

- Solar radiation -- Tables. Scattered radiation in the ozone absorption bands at selected levels of a terrestrial, Rayleigh atmosphere

- New series -- no. 67

Meteorological monographs (American Meteorological Society) -- v. 7, no. 29.

Meteorological monographs -- v. 7, no. 29. Scattered radiation in the ozone absorption bands at selected levels of a terrestrial, Rayleigh atmosphere

Notes: Includes bibliography.

This edition was published in 1966



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Tags: #Effects #of #radiation #scattered #by #aerosols #on #the #photodissociation #of #ozone

Project Report on Solar Radiation

With the sun overhead, direct radiation that reaches the ground passes straight through the entire atmosphere, all of the air mass, overhead.

Underlying theory and equations of the NicheMapR microclimate model

Its value ranges between 0 and 1. All the plant parts are directly or indirectly influenced by this part of the spectrum.

Underlying theory and equations of the NicheMapR microclimate model

When the sun is near the horizon during sunrise and sunset, the scattering is most effective that is why we observe red colour at sunrise and sunset. It integrates these transmissions over altitude in order to calculate the total effective radius, and in turn the total effective area, of the exoplanet at each wavelength. The higher the specific heat of a substance, the more heat it can store.

Is the CO2 effect saturated?

. Calculations lead to a value of not more than 1—1. This is largely because of lower deposition rates, and results in more conversion of SO₂ to sulfate, and a longer residence time of the higher altitude aerosol.

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