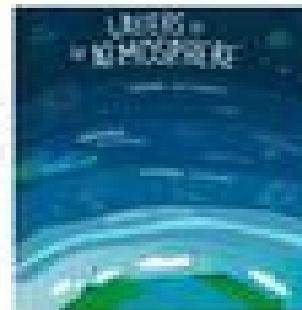


CHARACTERISTICS OF THE ATMOSPHERE

Characteristics of each layer

- **Troposphere:** Warmest, decreasing temperature with altitude.
- **Stratosphere:** Ozone absorbs and scatters UV, temperature increases with altitude.
- **Mesosphere:** Coldest layer, meteors burn up, temperature decreases with altitude.
- **Thermosphere:** Temperature increases due to absorption of solar energy, auroras.
- **Exosphere:** Transition to space, very thin air, satellites orbit.



PRESENTATIONS & NOTES

Atmosphere Guided And Study

Jin-Ying Zhang



Atmosphere Guided And Study:

A Practical Guide to Atmospheric Simulation Chambers Jean-François Doussin, Hendrik Fuchs, Astrid Kiendler-Scharr, Paul Seakins, John Wenger, 2023-04-23 This open access title presents atmospheric simulation chambers as effective tools for atmospheric chemistry research State of the art simulation chambers provide unprecedented opportunities for atmospheric scientists to perform experiments that address the most important questions in air quality and climate research The book covers technical details about chamber preparation and practical guidelines on their usage while also delivering relevant historical and contextual information It not only serves as a key publication for knowledge transfer within the simulation chamber research community but it also provides the global atmospheric science community with a unique resource that outlines best practice for the operation of simulation chambers The authors summarize the latest advances in chamber interoperability and standard protocols in order to provide the research community and the next generations of scientists with a unique technical reference guide for the use of simulation chambers The volume will be of great interest to researchers and graduates working in the fields of Atmospheric and Environmental Sciences *The GLOBE Program*

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