

Tim Canty

Class Web Site: http://www.atmos.umd.edu/~tcanty/aosc200

Topics for today:

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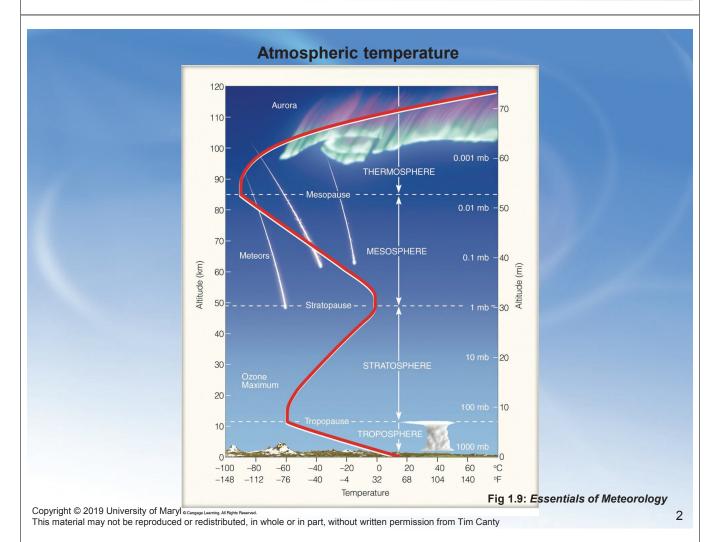
- Layers of the Atmosphere
- Energy transfer
- Energy Spectrum

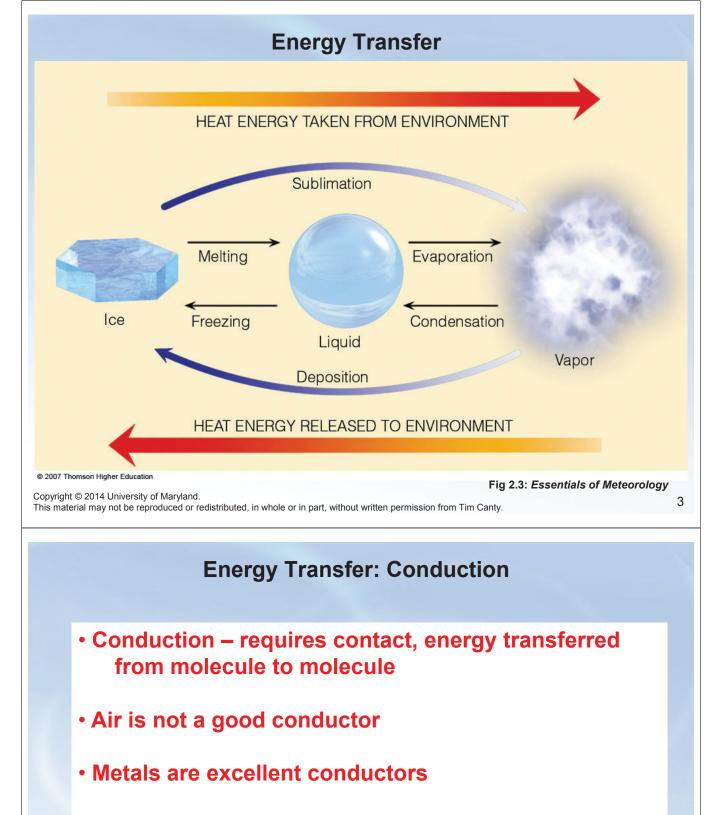
Lecture 07

Sep 17 2019

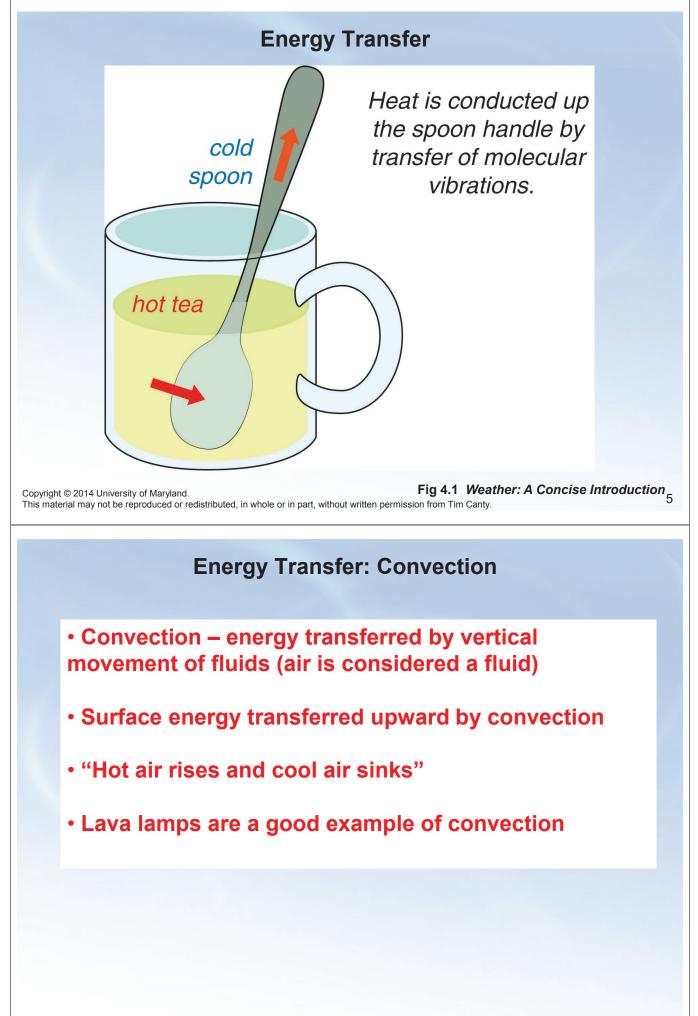
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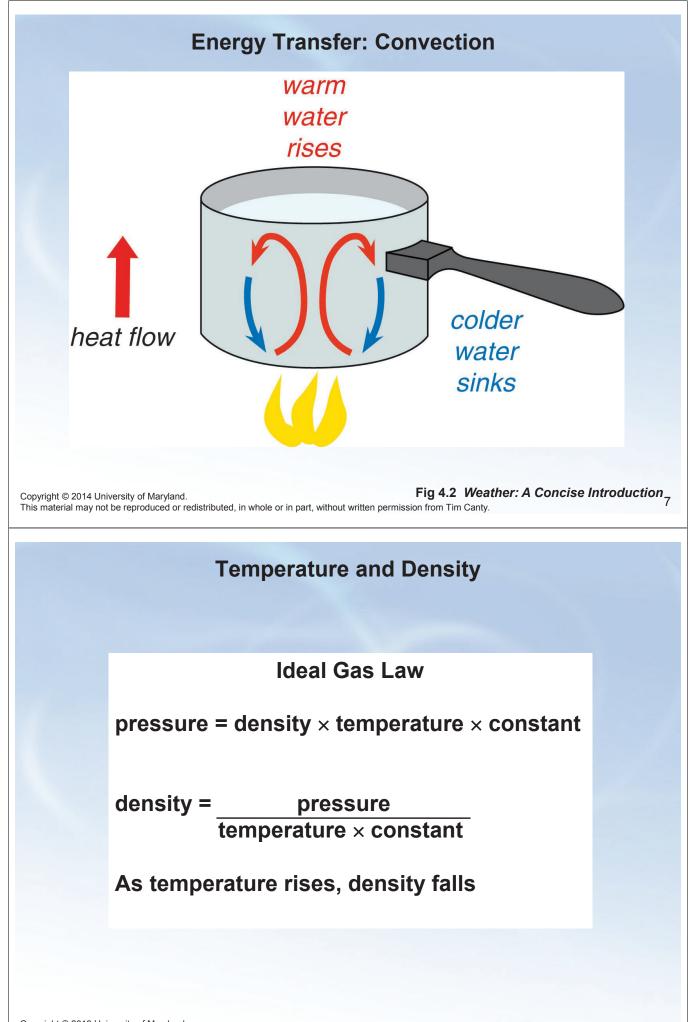
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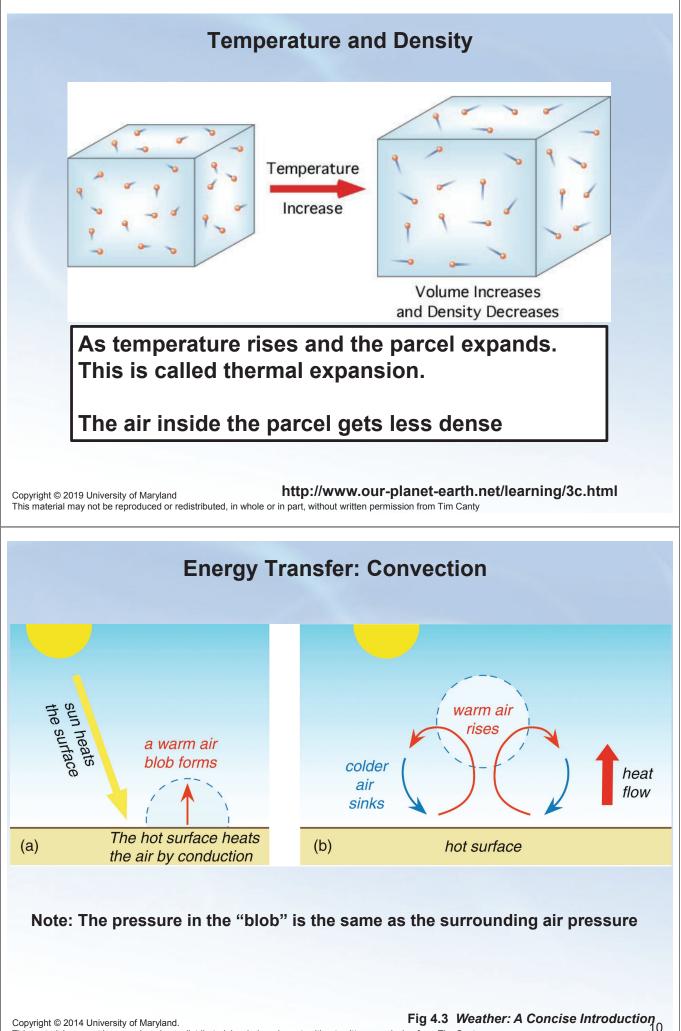




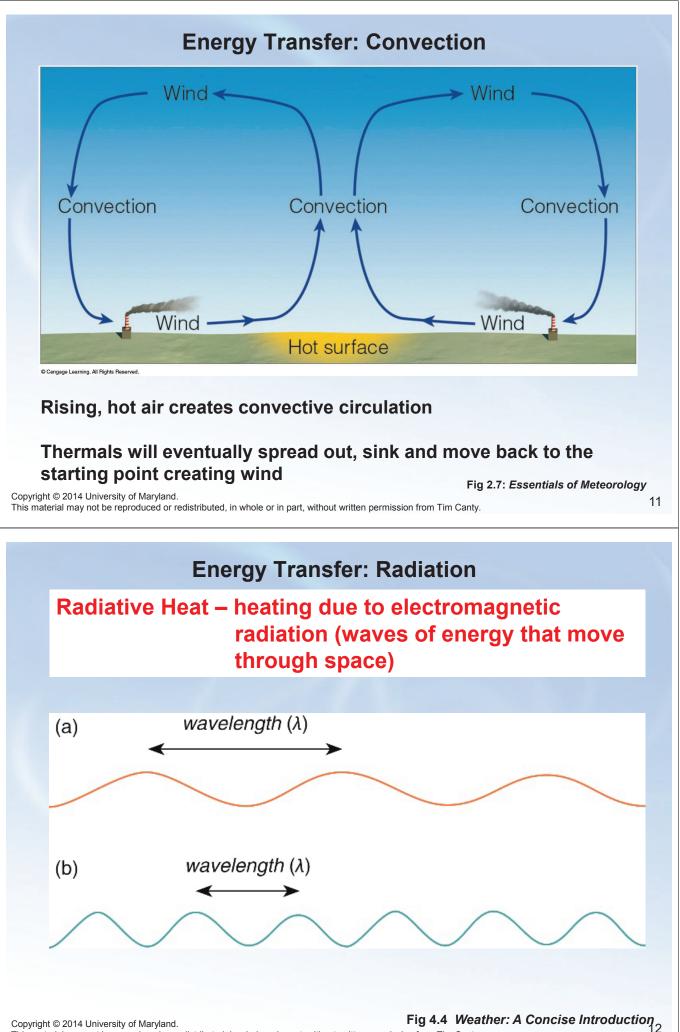
Very important at Earth's surface







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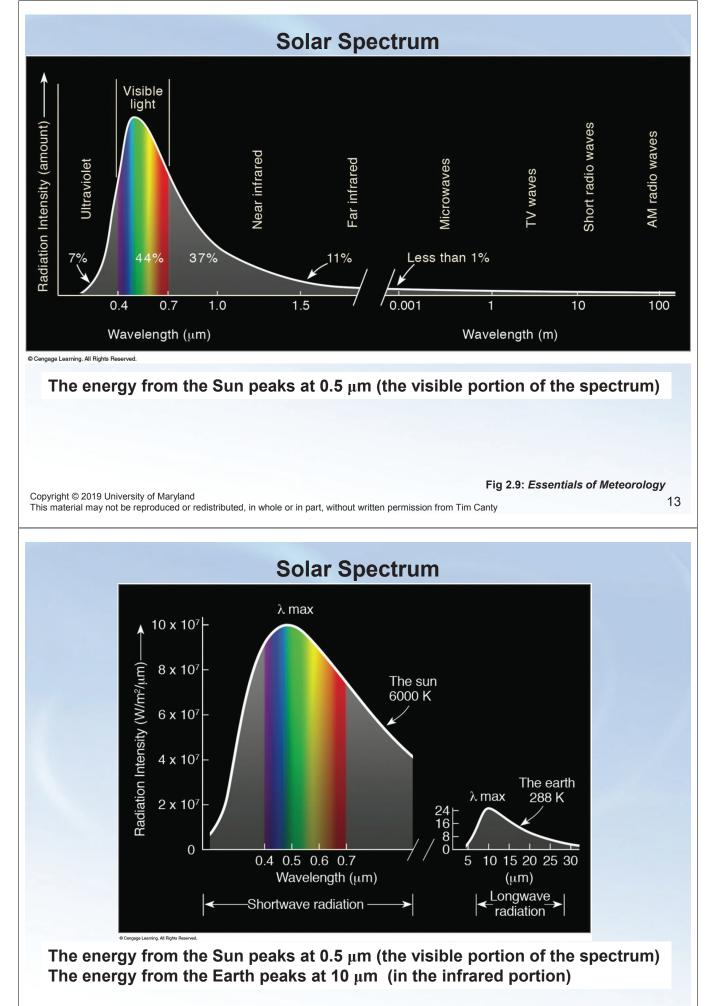
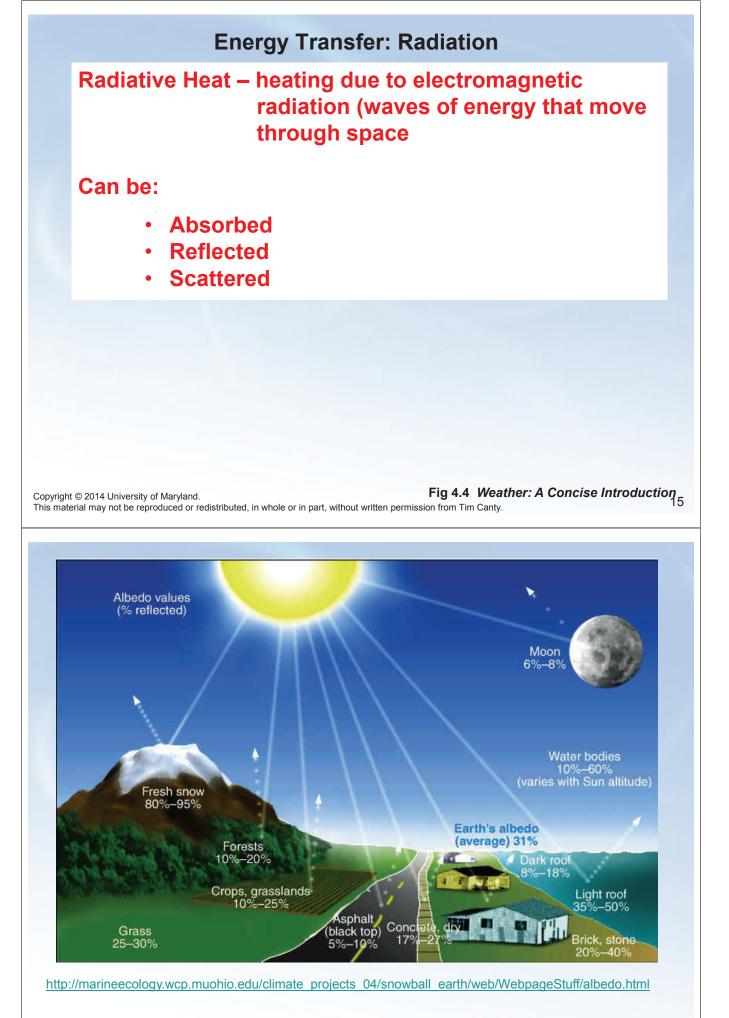


Fig 2.10: Essentials of Meteorology



Reflection: Albedo

Albedo – the percentage of radiation that is reflected off of a surface

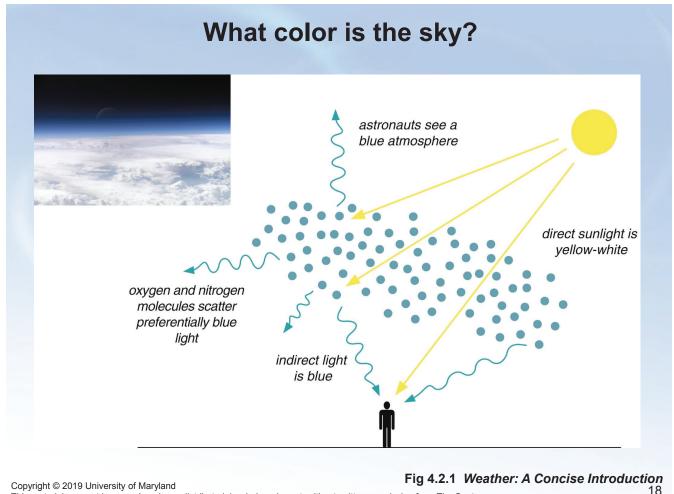
100% means everything is reflected

Snow has an albedo of 90%

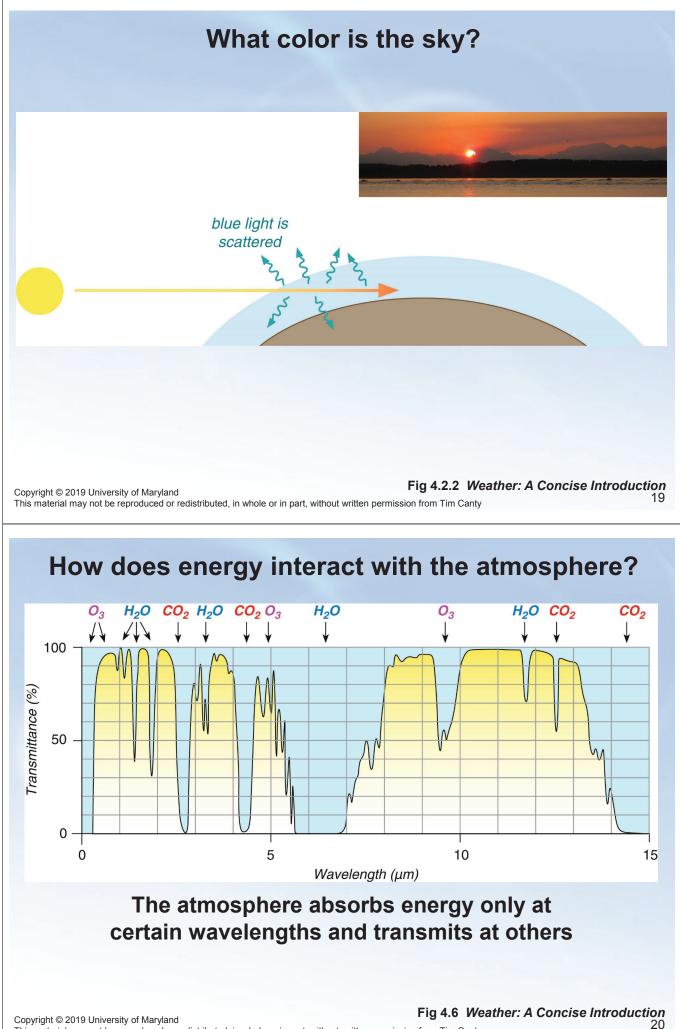
Overall, the Earth's albedo is 30%

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