



Thermal and Multispectral Imaging

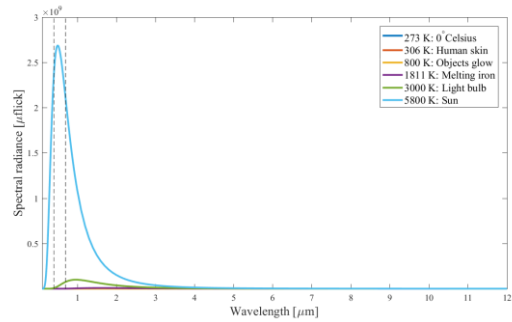
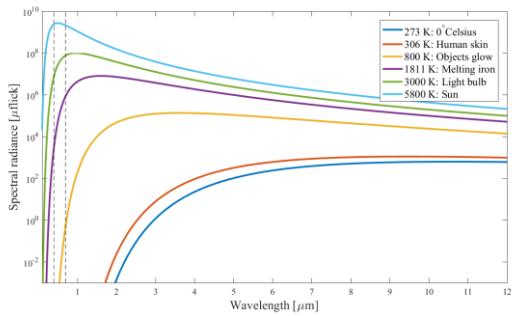
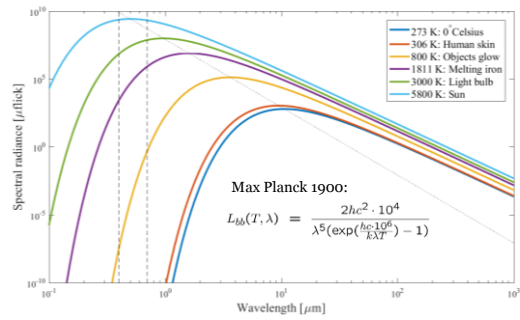
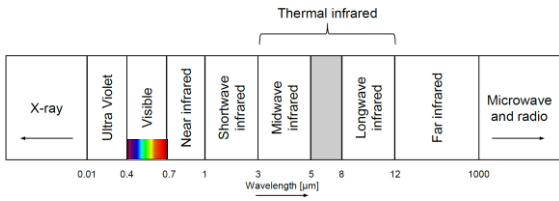
Lecture 2: Radiometry
Jörgen Ahlberg

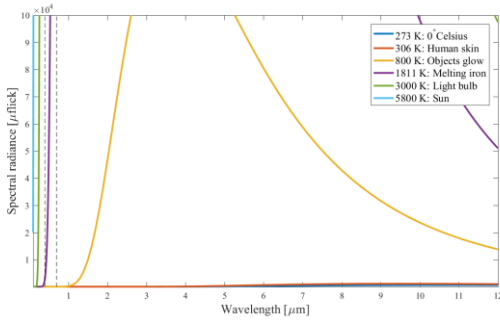


Repetition of some concepts from Lecture 1

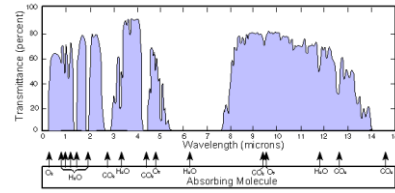


Domains and wavelengths and bands



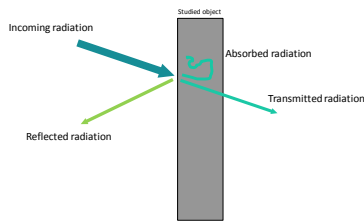


Atmospheric transmission



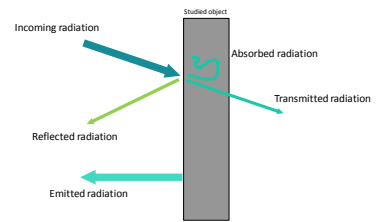
Radiation and matter

- Absorbed
- Reflected
- Transmitted



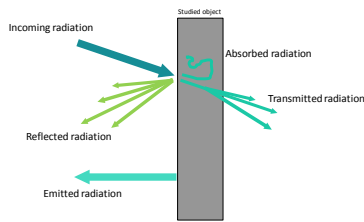
Radiation and matter

- Absorbed
- Reflected
- Transmitted
- Emitted



Radiation and matter

- Absorbed
- Reflected
- Transmitted
- Emitted
- Scattered
- Diffracted



About the course

- Exercise 1a and 1b on the webpage
- Now over to the whiteboard

<http://ekstamahlberg.se/~jorgen/thermalcourse>