

**Sophie's Planet #23: Chapter 31 (Aerosols)**

16 September 2020

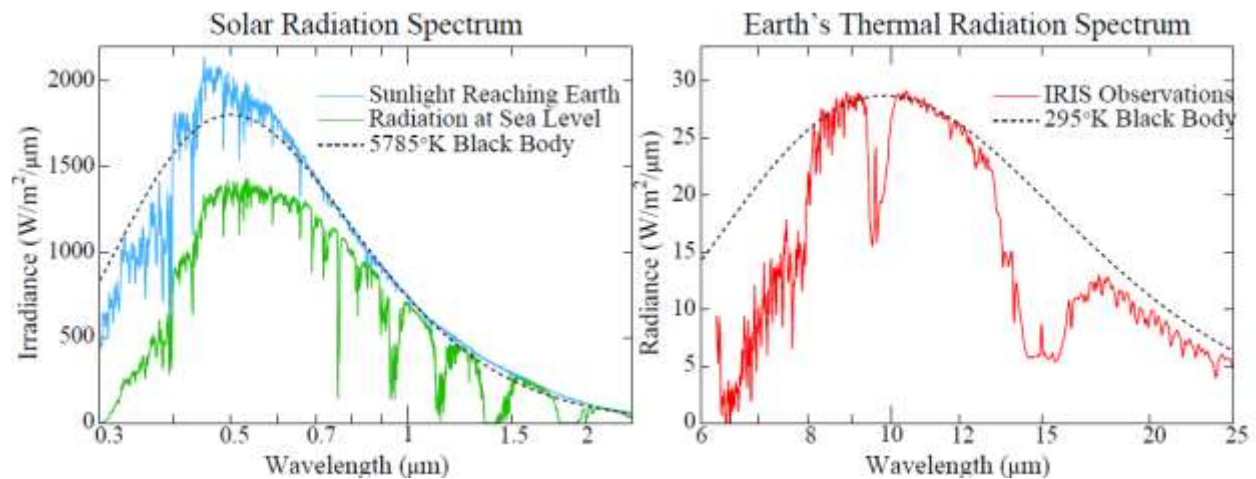
James Hansen

**Draft of [Chapter 31, Aerosols](#), is available for fact checking.** Jule Charney stayed for a brief chat about aerosols before he hustled off. I revised [Chapter 30](#) ending a bit, so the chapters mesh.

You can sign up for our monthly global temperature updates [here](#).

You can sign up for my other Communications [here](#).

I'm on Twitter @DrJamesEHansen, (<https://twitter.com/drjamesehansen>), but focused on book.



**Fig. 31.1. Sunlight reaching Earth and reaching the ground for clear sky conditions (left). Thermal (heat) radiation to space measured from a satellite over the Sahara desert (right).**