

## Addendum Items and Notes for Chapter 4

Page 67, Equation 4.5

Exponent in the numerator has the wrong sign - should be  $2.898 \times 10^3$

Page 67

“Wien’s displacement law”, not “Wein”

Page 69, Equation 4.7

Units of the solar constant,  $S_0$ , are  $\text{W/m}^2$  not  $\text{W}$  as in the equation. (Units are correct in the text.)

Page 76, Figure 4.6

Radiance is too large for wavelengths longer than  $17 \mu\text{m}$  (wavenumbers in the  $400\text{-}600 \text{ cm}^{-1}$  range) and shorter than  $8 \mu\text{m}$  (wavenumbers  $1300\text{-}1400 \text{ cm}^{-1}$ ). Here is the original figure from Hanel et al. (1972):

