Homework 6

1. Direct spectral irradiance on a horizontal surface on 5 November for wavelengths of 0.6 and 1.65 μm, under cloudless-sky conditions, assuming a zenith angle of 30°, $\beta = 0.1$, two values of α (0.5 and 1.5), precipitable water vapor of 2 cm, and ozone layer thickness of 0.35 cm .
2. If you replot any of the figures 14–19, you will get an extra point on the exam. I will not take similar figures into consideration.