**Solar Phot0voltaic System Engineering, BRAE 470/471, Fall 2015**

Which of the following are units of energy?

\_\_\_ Watt

\_\_\_ Erg

\_\_\_ Joule

\_\_\_ British Thermal Unit

\_\_\_ Calorie

\_\_\_ PSI

\_\_\_ MPH

In mid-day with overhead sun, approximately how much total solar power reaches the surface of the earth, in Watts per square meter?

\_\_\_ 1

\_\_\_ 10

\_\_\_ 100

\_\_\_ 1000

True or False: “All forms of energy that we use today are or were ultimately solar energy.” \_\_\_

Solar energy is collected and used in two forms. Please identify them:

\_\_\_\_ thermal

\_\_\_\_ electrical

\_\_\_\_ Acoustic

\_\_\_\_ Mechanical