Total Solar Irradiance (TSI)

TSI Climate Data Record Specifications

• Global coverage

• 0.05 x 0.05 Degree

• Daily Product

• 1981–present

• Routinely Updated (Quarterly)

**Inputs to the *TSI* Climate Data Record**

• AVHRR Surface Reflectance Climate Data Record

**Some Uses of the *TSI* Climate Data Record**

• Evaluating vegetation stress

• Forecasting agricultural yields

• Forestry and crop management

• Carbon cycle modeling

(List 4-6 uses)