uring this intensive observational period is to dete

Method and Materials

OD for each wavelength is derived based on Be

easured Solar Irradiance
$$\frac{I}{I_0} = e^{-m au_{tot}}$$
 To ar Irradiance on Top of the hosphere

$$\tau_{tot} = \frac{\ln(I_0) - \ln(I)}{m}$$

$$\tau_{tot}(\lambda) = \tau_{aer}(\lambda) + \tau_{Ray}(\lambda) + \tau_{O_{2}}(\lambda)$$

$$\tau_{aer}(\lambda) = \tau_{tot}(\lambda) - \tau_{Ray}(\lambda) - \tau_{O_{2}}(\lambda)$$

Results

2011

Aeorc