

# **Jobsheet**

## **GOES Sounder-Based Red-Green-Blue (RGB) Airmass Product ANSWER KEY**

**Question 1: Where does the product show diurnal variations?**

***Cloud free areas over land that are experiencing daytime heating, but particularly over New Mexico and West Texas where land is elevated and the atmosphere is dry.***

**Question 2: What components or channels do you think are responsible for the diurnal variations?**

***Channels 8 (11.03) IR window and 11 (7.43) weak water vapor***