

Figure 1. MODIS and SEVIRI Spectral Response functions (top panels - MODIS orange lines), and bandwidths (bottom two panels – with reference spectrum from standard atmosphere).

1. Use Hydra to load the full disk SEVIRI data (Load->AREA) from 12:45 UTC 16 August 2006 (met8_1234567891011_2006_228_1245_FD.area). Open the Multi-Channel Viewer and use different bands to explore the spectral characteristics of different scenes focusing on the Sahara Desert and the Tropical Land (Figure 2) over Africa in bands .60, .80, 1.60 and 6.20, and 10.80 microns.

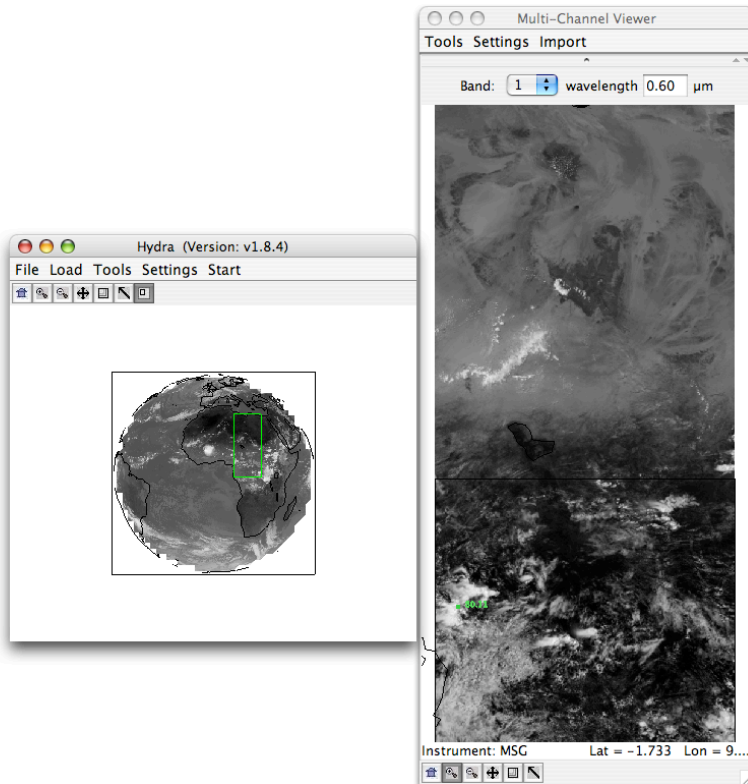


Figure 2. SEVIRI Full disk image and subset from 12:45 UTC 16 August 2006.