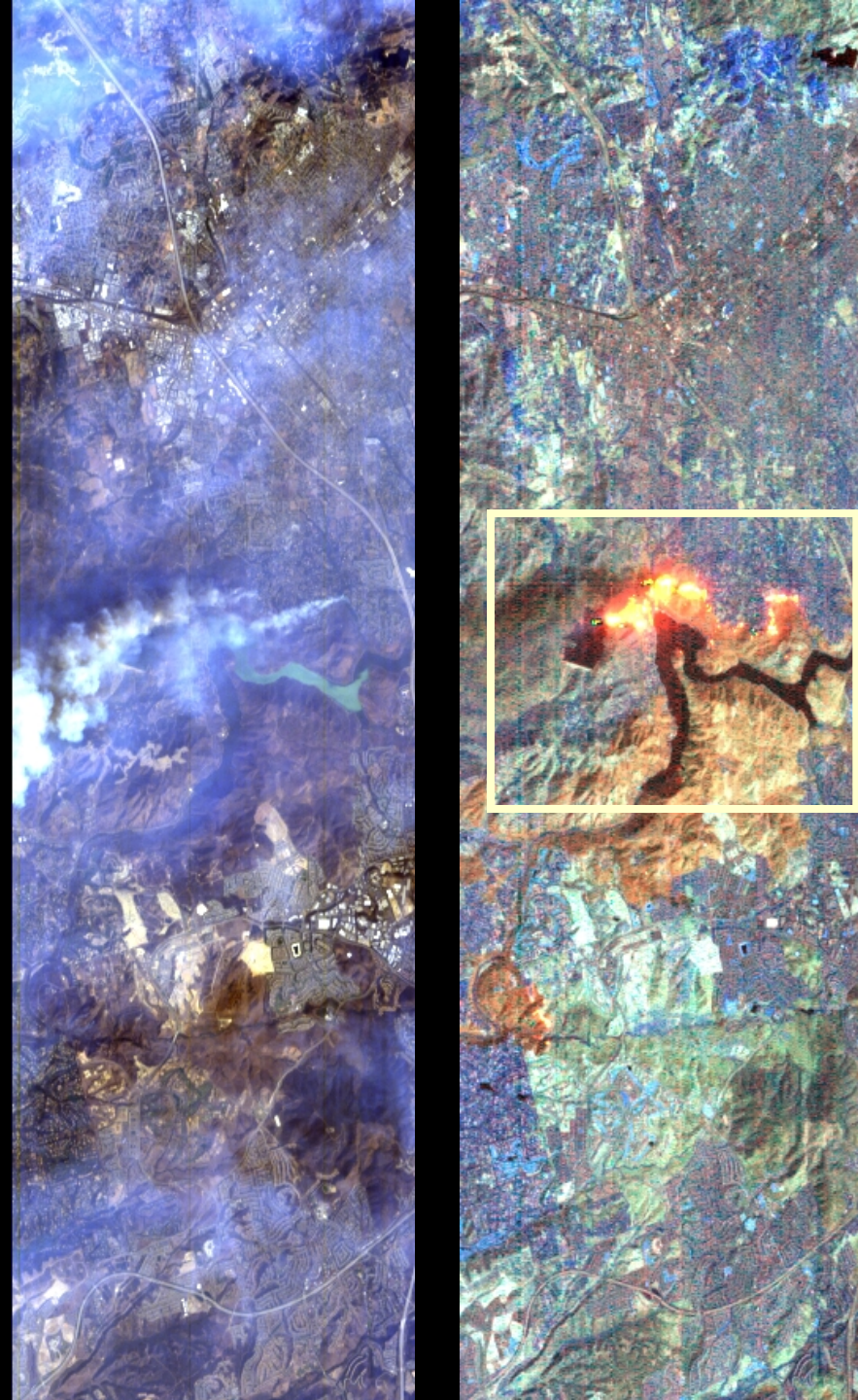


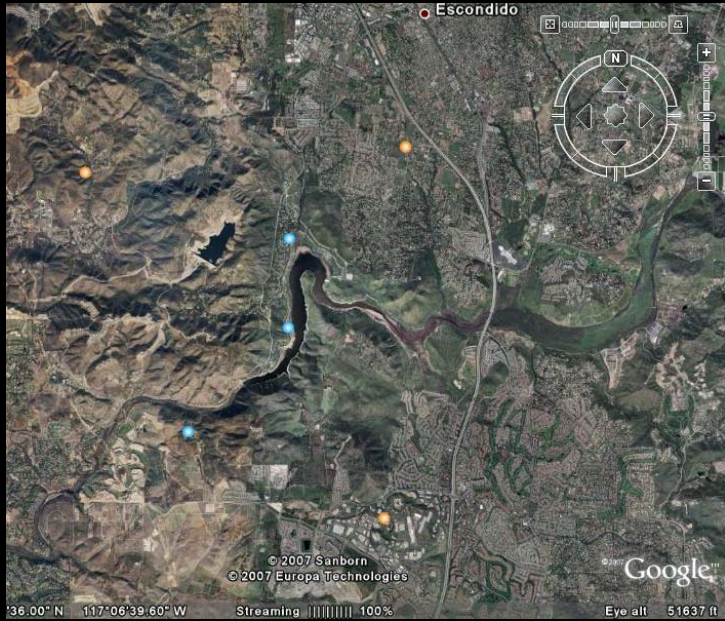
EO-1 Hyperion Views Witch Wildfire on October 23, 2007

The images to the right were obtained from the Hyperion imaging spectrometer on-board NASA's EO-1 satellite. This instrument samples the Earth's surface radiation in 220 contiguous wavelength intervals from 400 to 2500 nanometers, spanning the spectrum from visible light to shortwave infrared (SWIR).

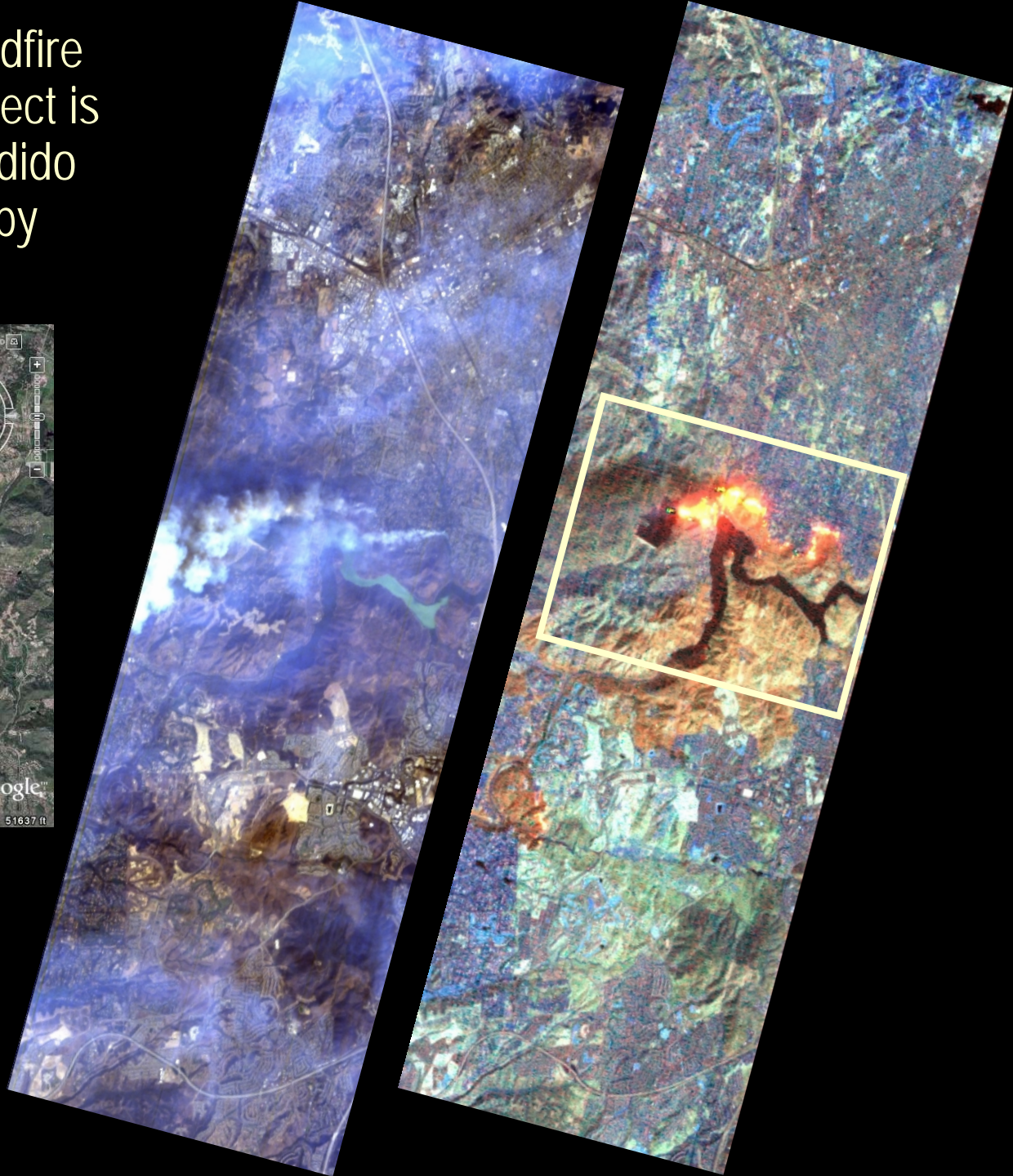
The leftmost visualization, a composite of red, blue and green radiation, displays the scene as the human eye would perceive it. To the right is a composite of three SWIR bands which are sensitive to emissive properties associated with fires and lava flows.



The portion of the Witch wildfire viewed in this Hyperion collect is located just south of Escondido California as shown below by Google Earth.



The Google Earth representation of this area is derived from previously acquired imagery.



ALI MSS
Ch 3-2-1
Composite
(RGB)

EO-1 ALI Views Witch Wildfire 10/23/07

The EO-1
*Advanced Land
Imager* acquired
multispectral
data along with
the *Hyperion*
collect.

ALI MSS
CH 7-5-5'
SWIR bands
Composite



Visible
Bands

ALI

Hyperion

ALI

SWIR
Bands

10/23/07
EO-1 Hyperion
and ALI View
Witch Wildfire

