



Rangeland Cover Estimates from MODIS

Santa Rita Experimental Range and Walnut Gulch Experimental Watershed

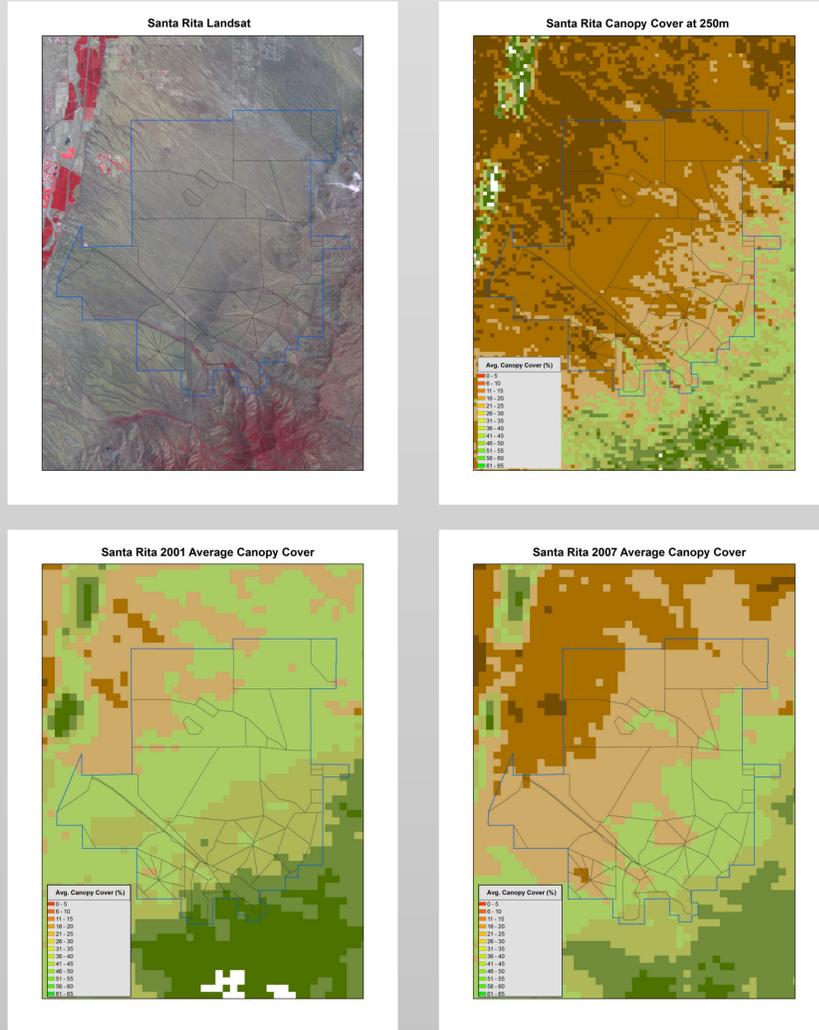


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With the availability of data from the MODIS sensor, operational use of remote sensing for rangeland management may be approaching. Using data from MODIS and a vegetation index sensitive to both green and senescent vegetation, we can produce a time series of canopy cover estimates every eight days for much lower cost than was possible in the past. Although we cannot estimate production or composition, for a given management unit one can compare cover changes over time, against similar management units, and against PRISM estimates of precipitation as a tool to focus management efforts.

**Santa Rita
Experimental Watershed**



**Walnut Gulch
Experimental Watershed**

