Satellite View of Kansas

*Satellite View of Kansas* is a mosaic of 16 Landsat Thematic Mapper (TM) satellite images acquired during late summers of 1988 through 1993. The TM instrument records both reflected and emitted energy from the earth’s surface in 7 regions, or bands, of the visible and infrared portions of the electromagnetic spectrum. Although the images depicted here appear in natural color — vegetation appears green, water appears blue — they are actually a composite of 2 infrared and 1 visible bands. Infrared bands are used because they are less affected by atmospheric scatter from water vapor and other airborne particles than visible bands. The benefit is a high-contrast, haze-free image.

State-wide management and planning, K-12 education, and beautiful wall art are but a few uses for this map. Details that can be seen include the Flint Hills, which are home to one of America's last large expanses of native prairie grassland. The uniform shades of green seen in east-central Kansas are indicative of unbroken grasslands that are characteristic of the Flint Hills. Further west, irrigated croplands dominate portions of the Arkansas River Lowlands. Crop circles resulting from center-pivot irrigation can be seen concentrated in the lower half of Finney County.

These and other details are clearly visible on a 38" x 25" full-color poster.

For additional information about the poster, please contact:

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