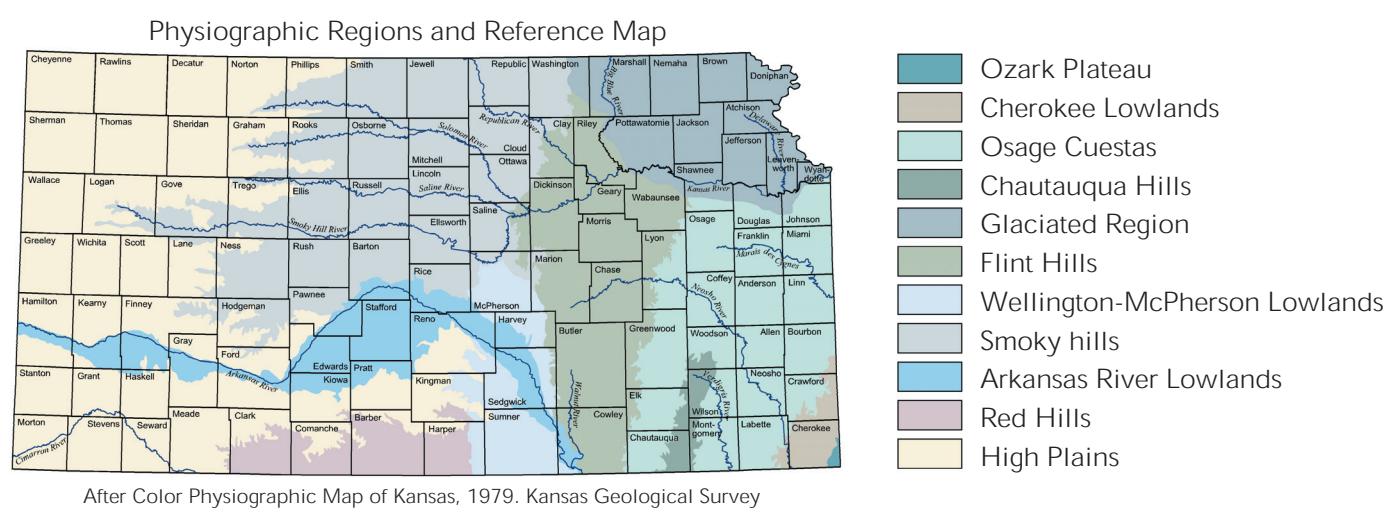
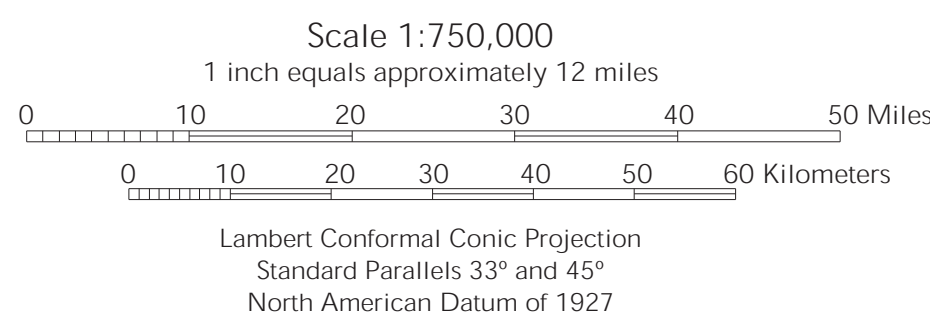
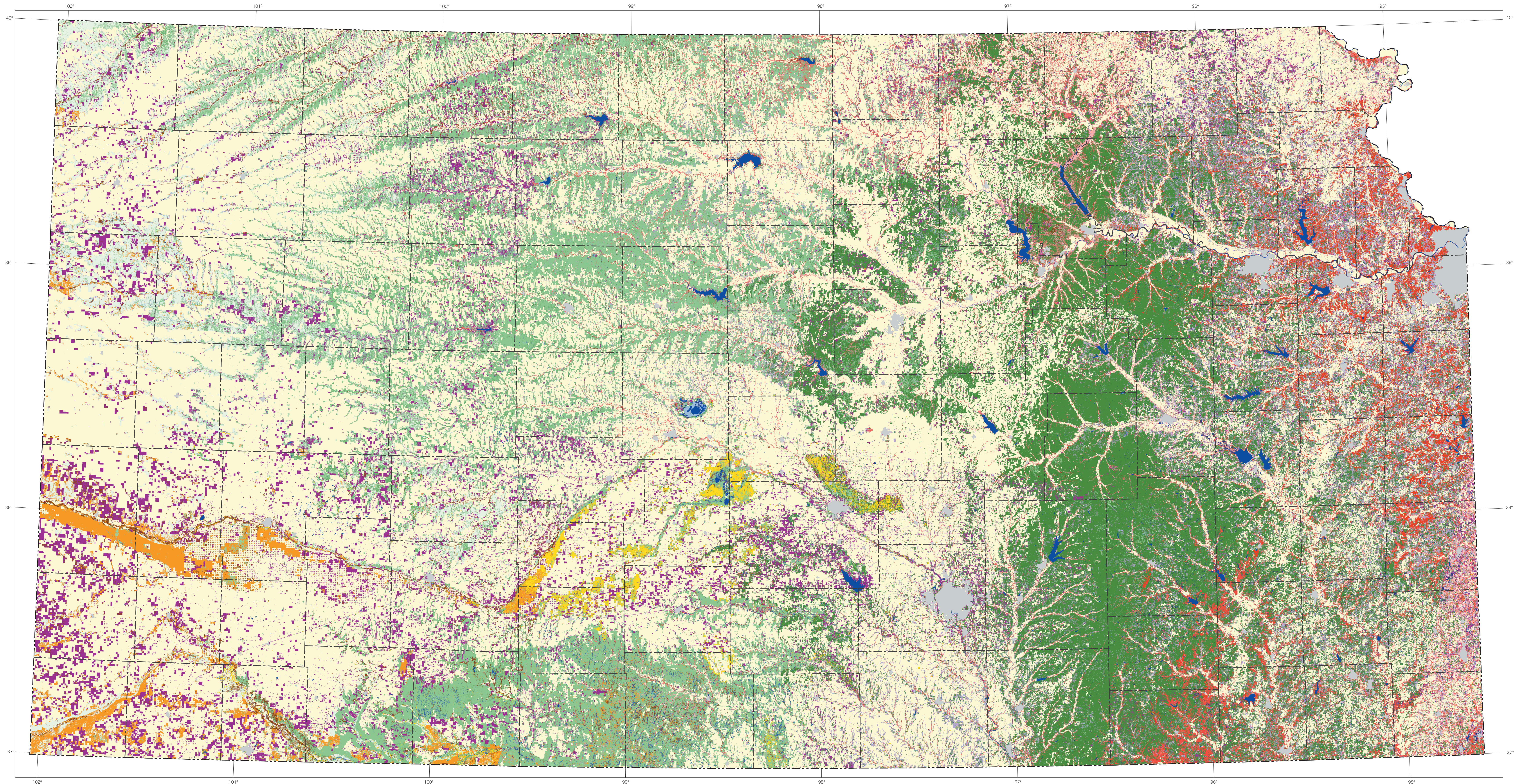


KANSAS VEGETATION MAP



Land Cover and Vegetation Alliance Classes

Grassland (39%)

- Tallgrass Prairie
- Weedy Upland
- Western Wheatgrass Prairie
- Sandstone Glade/Prairie
- Mixed Prairie
- Mixed Prairie-Disturbed Land
- Alkali Sacaton Prairie
- Shortgrass Prairie
- Non-Native Grassland
- Conservation Reserve Program (CRP)
- Sand Prairie

Shrubland (1%)

- Sandsage Shrubland
- Willow Shrubland
- Buttonbush (Swamp) Shrubland
- Salt Cedar or Tamarisk Shrubland

Woodland (2%)

- Cottonwood Floodplain Woodland
- Bur Oak Floodplain Woodland
- Mixed Oak Ravine Woodland
- Post Oak-Blackjack Oak Woodland
- Deciduous Woodland

Forest (6%)

- Oak-Hickory Forest
- Maple-Basswood Forest
- Post Oak-Blackjack Oak Forest
- Pecan Floodplain Forest
- Ash-Elm-Hackberry Floodplain Forest
- Mixed Oak Floodplain Forest
- Maple Floodplain Forest
- Cottonwood Floodplain Forest
- Deciduous Forest-Mined Land
- Evergreen Forest-Disturbed Land

Wetland (<1%)

- Low or Wet Prairie
- Grass Playa Lake
- Salt Marsh/Prairie
- Spikerush Playa Lake
- Playa Lake
- Bulrush Marsh
- Freshwater Marsh
- Weedy Marsh
- Forb Playa Lake
- Cattail Marsh

Cropland (48%)

-

Urban (1%)

-

Water (<1%)

-

MAP DESCRIPTION

The Kansas Vegetation Map was produced under the auspices of the National Gap Analysis Program and represents the first detailed map of the actual vegetation of Kansas. Forty-three categories of land cover are depicted, with an emphasis on natural vegetation. Produced over a five-year period, the map was created through digital processing of multi-date Landsat Thematic Mapper satellite images taken during the early to mid-1990s. Processing of the satellite imagery was carried out using a two-stage hybrid classification approach. In addition, extensive use was made of field observations and ancillary data sets that included soils, hydrology, geology, physiographic regions, and potential natural vegetation. Details of processing techniques and accuracy assessment are contained in the final report. A digital version of the map and the final report can be downloaded from the Kansas Data Access and Support Center (DASC) website: gldac.kgs.ku.edu.

LAND COVER MAPPING STAFF

The Kansas Vegetation Map is the result of efforts by a large staff of scientists, analysts, and field technicians at the Kansas Applied Remote Sensing Program and the Kansas Biological Survey. Principal Investigators: Kevin P. Price, Edward A. Martinko, Stephen L. Egbert, Chris L. Lauer, and Jerry L. Whistler. Lead Scientists: Stephen L. Egbert and Chris L. Lauer. Mapping Coordinators: Dana L. Peterson, Aimee M. Stewart, and Clayton F. Blodgett. Graduate Research Assistants, Image Processing: Sunyup Park, Brianna N. Mosiman, Jill C. Riffer, Sarah Signiski, Miguel Ortega-Huerta, and Ellen K. Ellis. Graduate Research Assistants, Field Data Collection: Hillary Loring, Wildlife Owlflower, Caleb Morse, Kevin James, Brett Rubenstein, Byron Wiley, Ellen K. Ellis, and Amy Paulin (KSU). Carleen A. Roberts provided map publication and graphic design support. Overall leadership for the Kansas Gap Analysis Project was provided by Jack F. Cully, Jr. and Glennis Kaufman of Kansas State University.

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