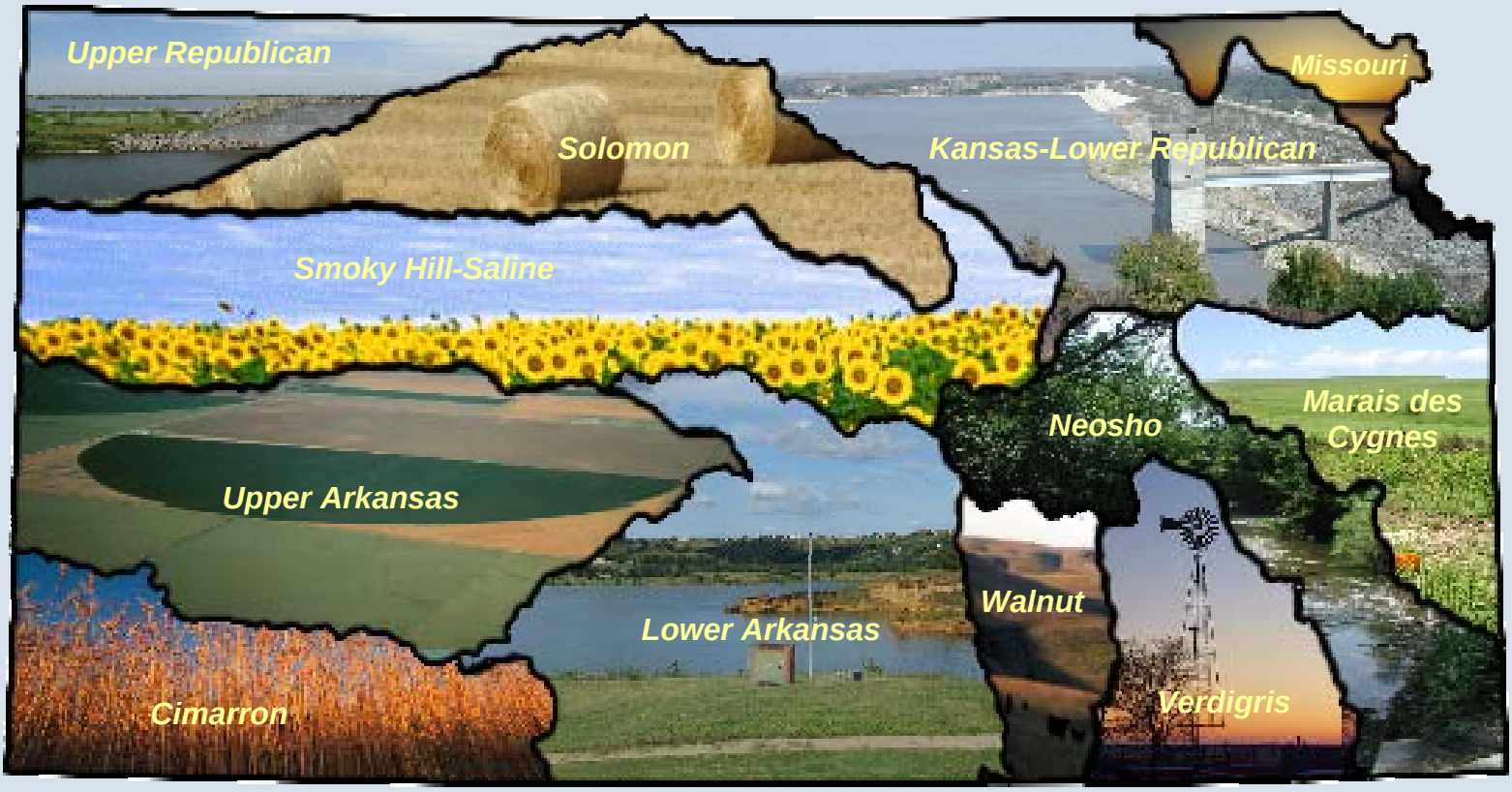
Kansas Water Plan



Atlas

Kansas Water Plan - Atlas
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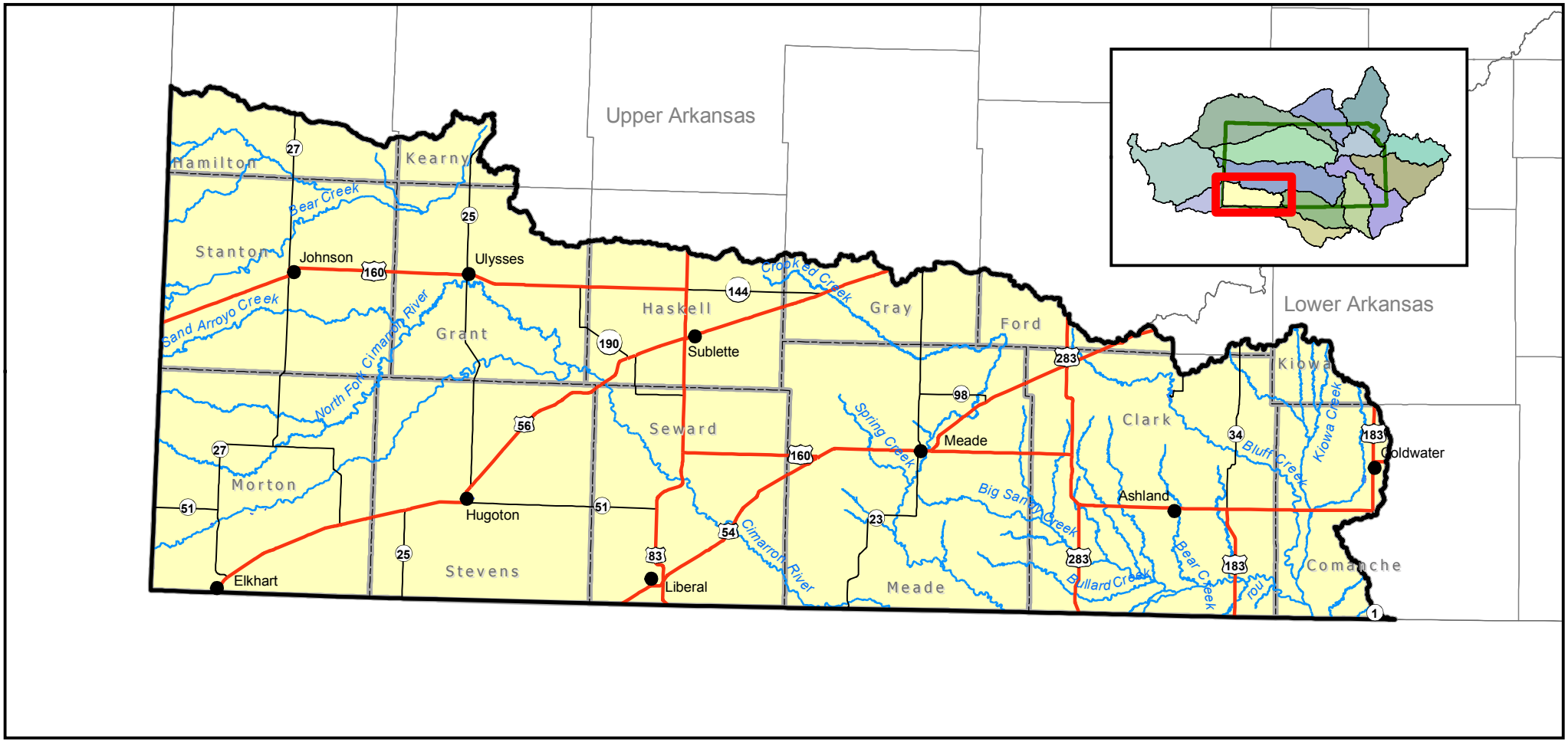
Livestock Inventory

Cimarron Basin



County Seat · Hydrology · Kansas Highway · US Highway · Lake · County

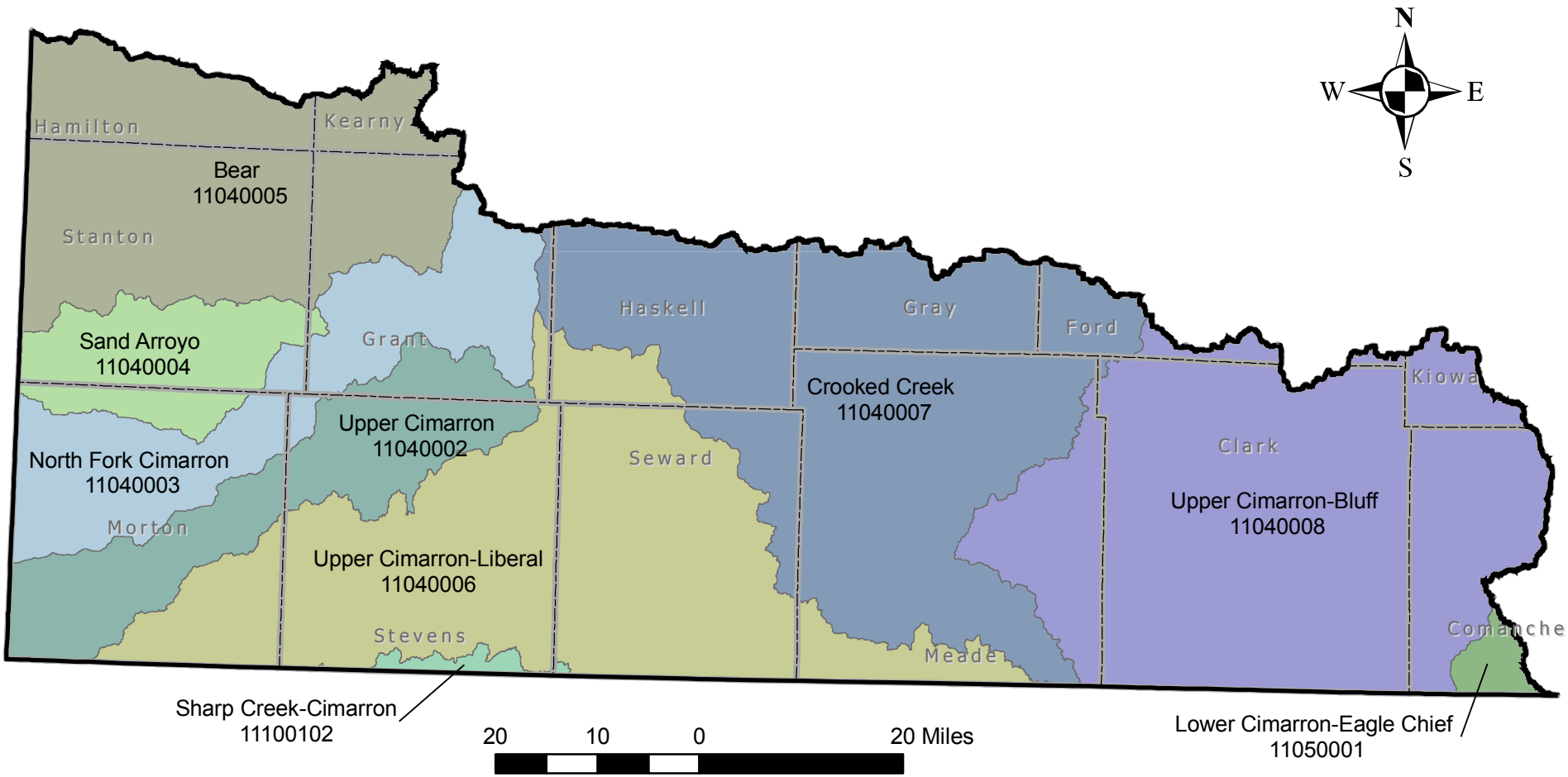
N W E S

30 15 0 30 Miles

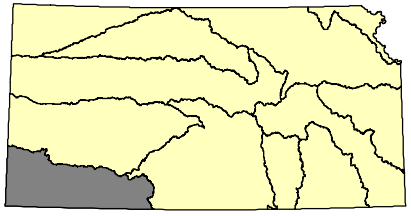
Kansas Water Office, February 2008

Cimarron Basin

HUC-08 Subbasins



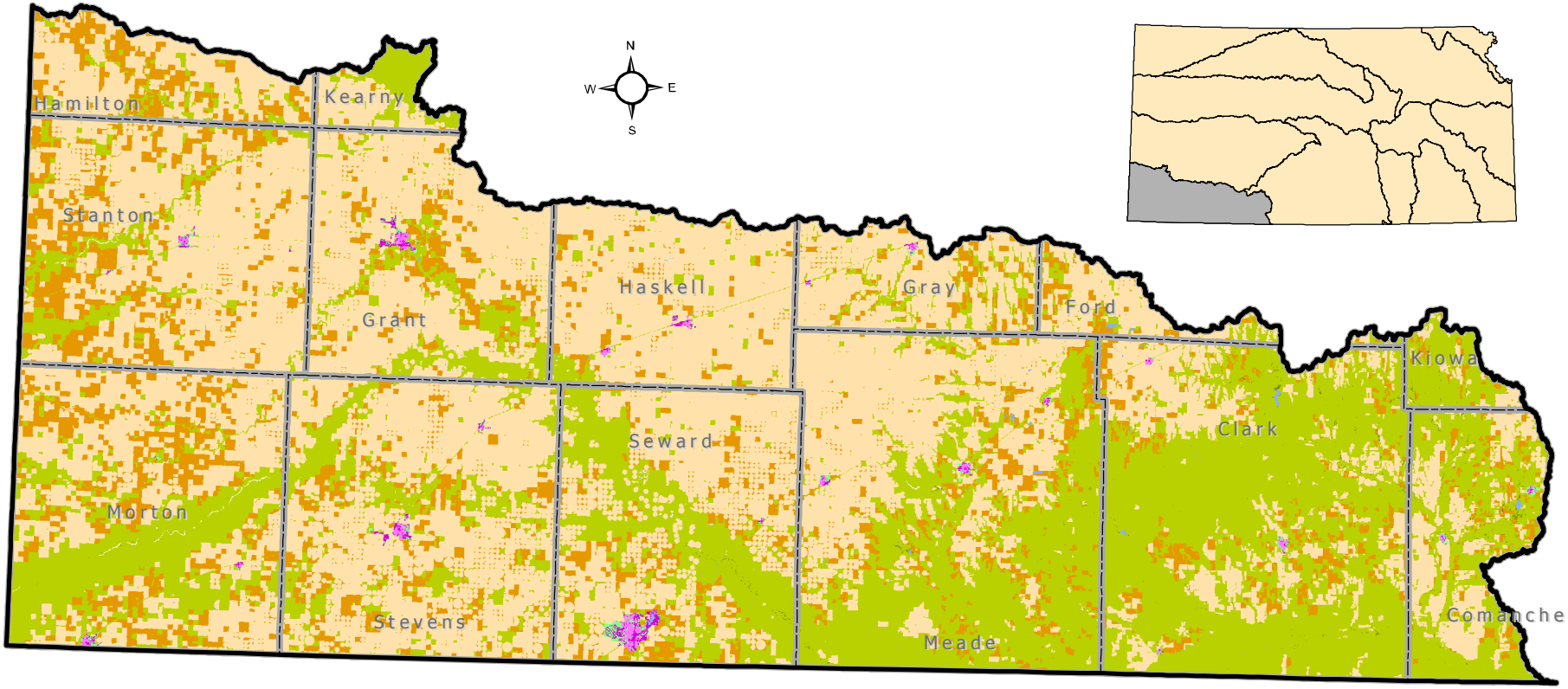
- Bear
- Crooked Creek
- Lower Cimarron-Eagle Chief
- North Fork Cimarron
- Sand Arroyo
- Sharp Creek-Cimarron
- Upper Cimarron
- Upper Cimarron-Bluff
- Upper Cimarron-Liberal



Kansas Water Office, May 2008

Cimarron Basin

2005 Land Use / Land Cover



Legend

- Urban Industrial/Commercial
- Urban Residential
- Urban Openland
- Urban Woodland
- Urban Water
- Cropland
- Grassland
- Conservation Reserve Program (CRP)
- Woodland
- Water
- Other

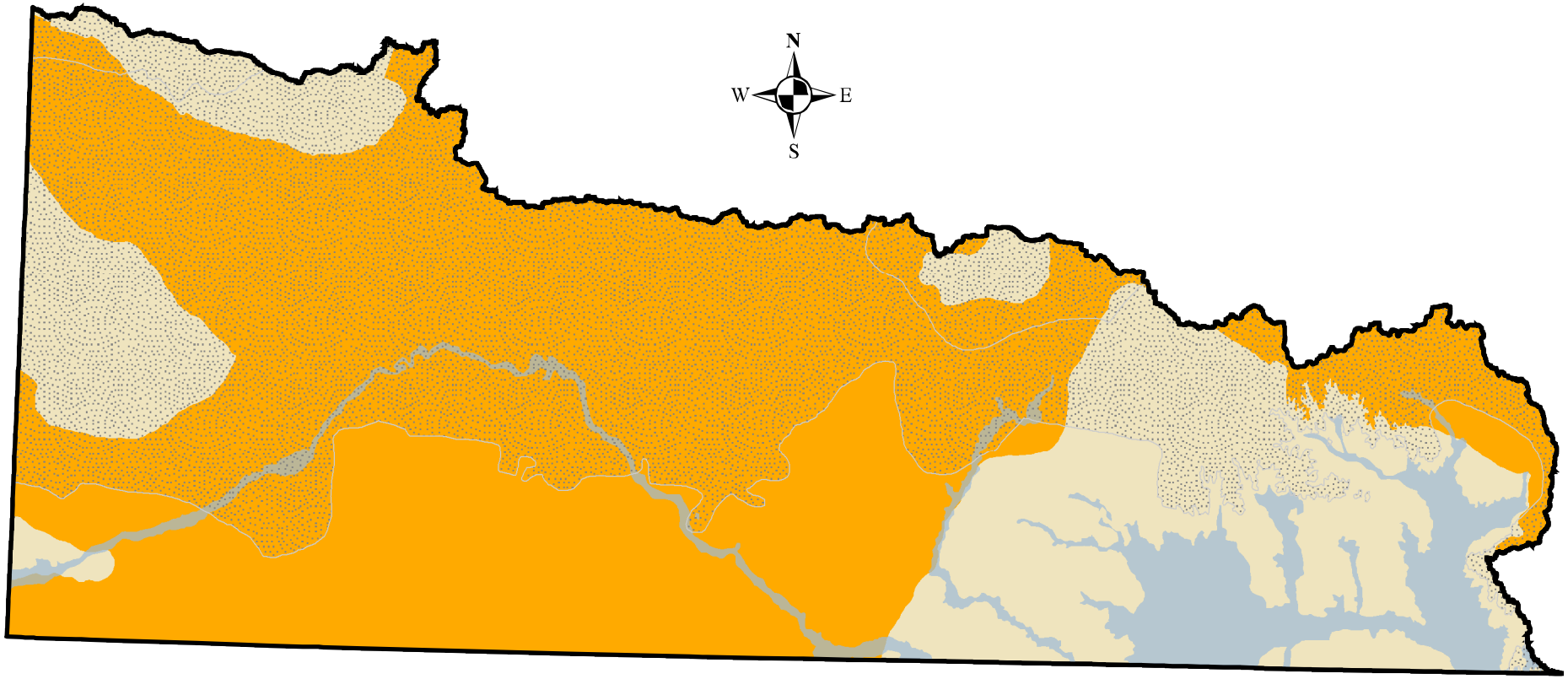
40 20 0 40 Miles

Source: Landsat 5 imagery, Kansas Applied Remote Sensing Program, University of Kansas

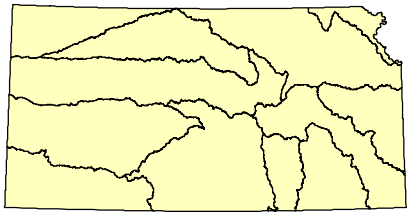
Kansas Water Office, October 2008

Cimarron Basin

Aquifers



Alluvial Dakota High Plains Basin

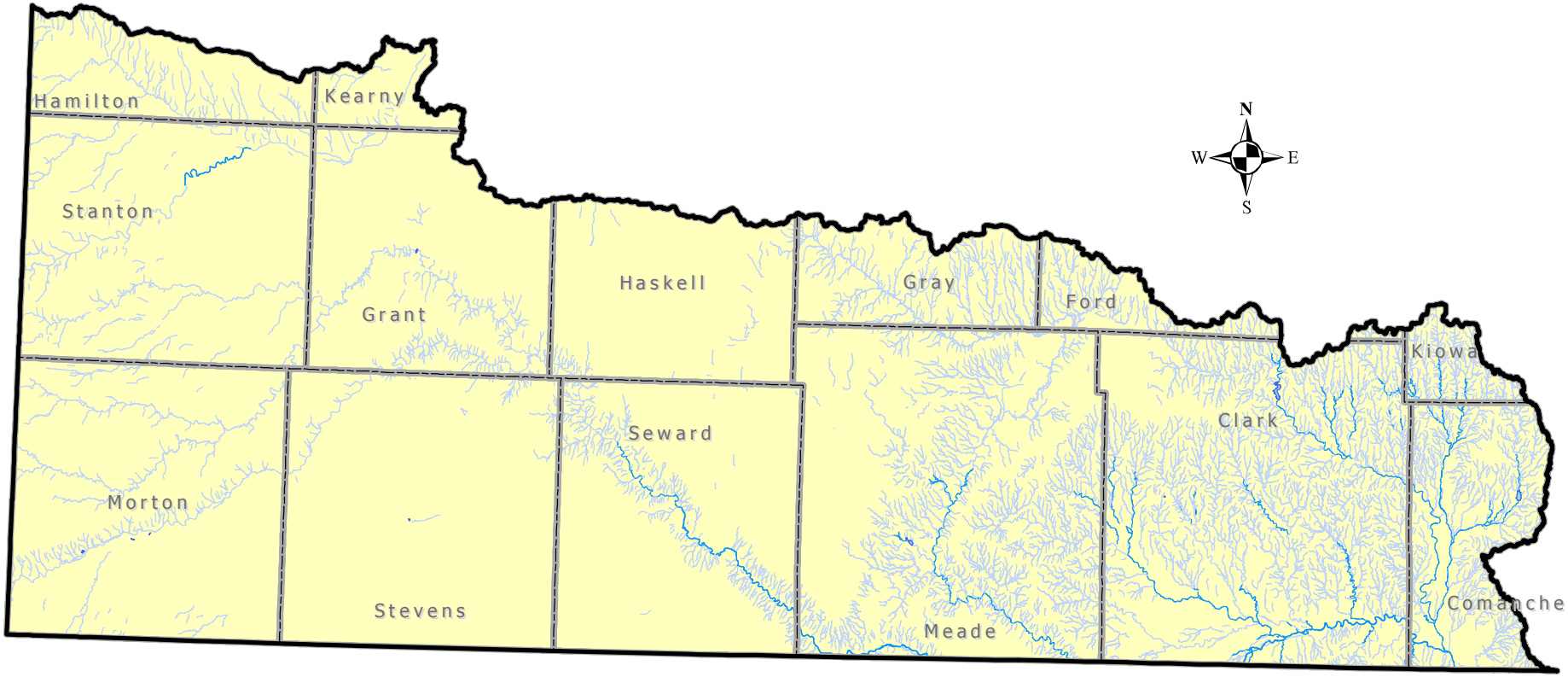


0 10 20 40 Miles

Data Source: U.S. Geological Survey
Prepared for Kansas Water Plan 2008

Cimarron Basin

Surface Water



Perennial Stream

Intermittent Stream

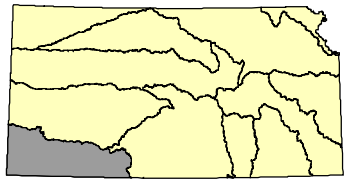
Lake

Basin

County

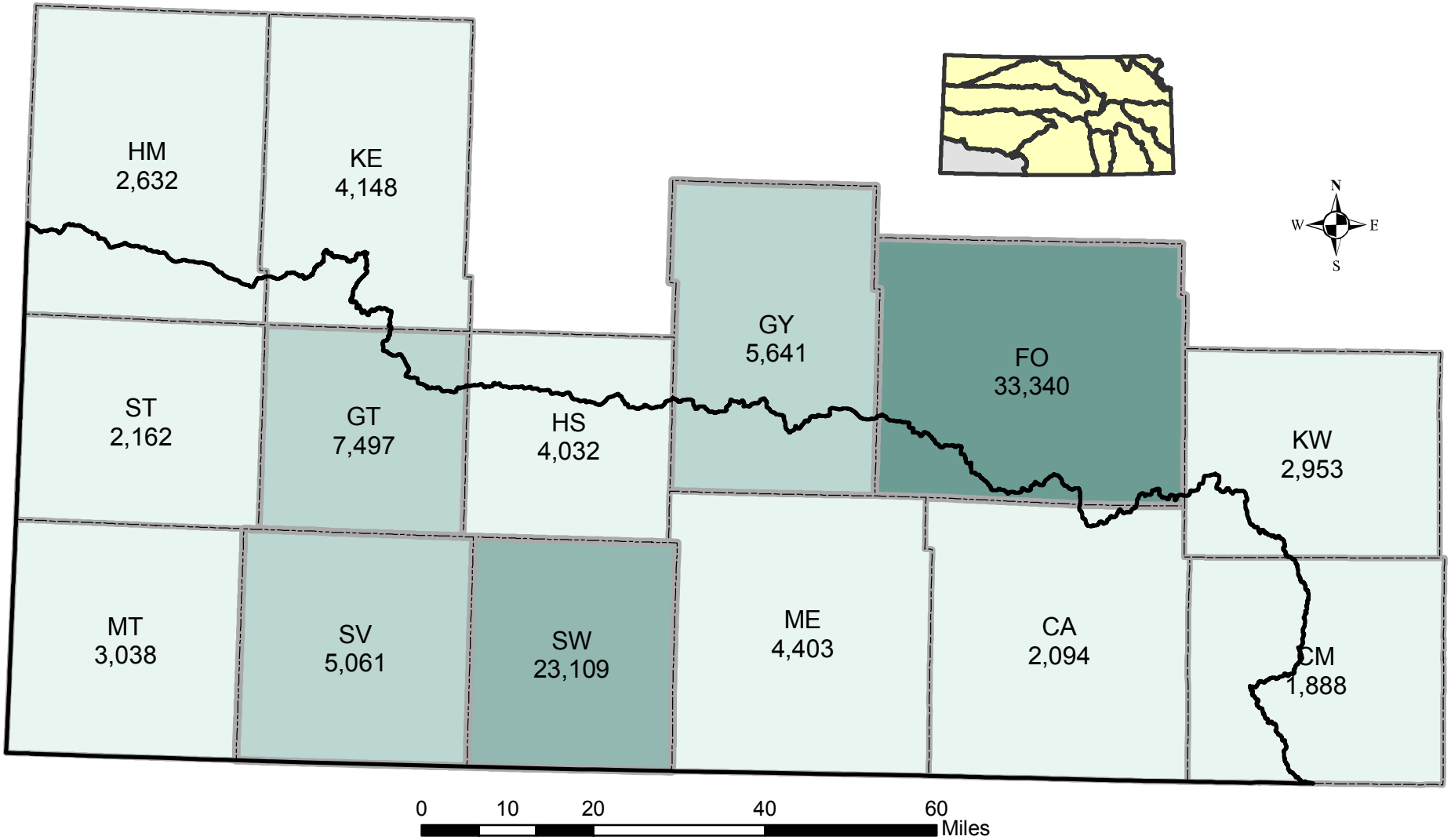
25 12.5 0 25 Miles

Kansas Water Office, June 2008



Cimarron Basin

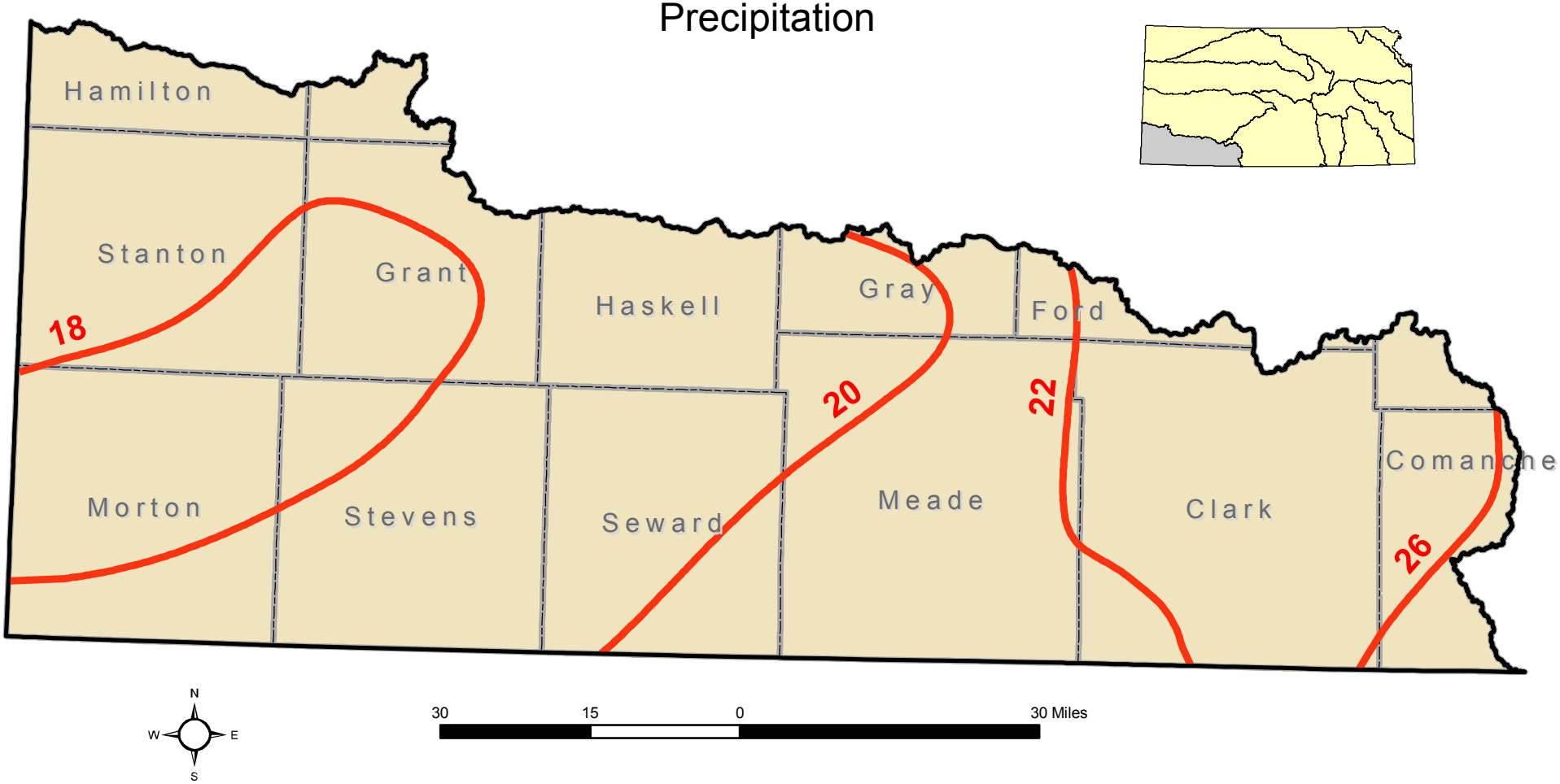
2007 Population Estimates by County



Data Sources:
Kansas Division of Budget, July 1, 2008
Prepared for Kansas Water Plan 2008

Cimarron Basin

Precipitation

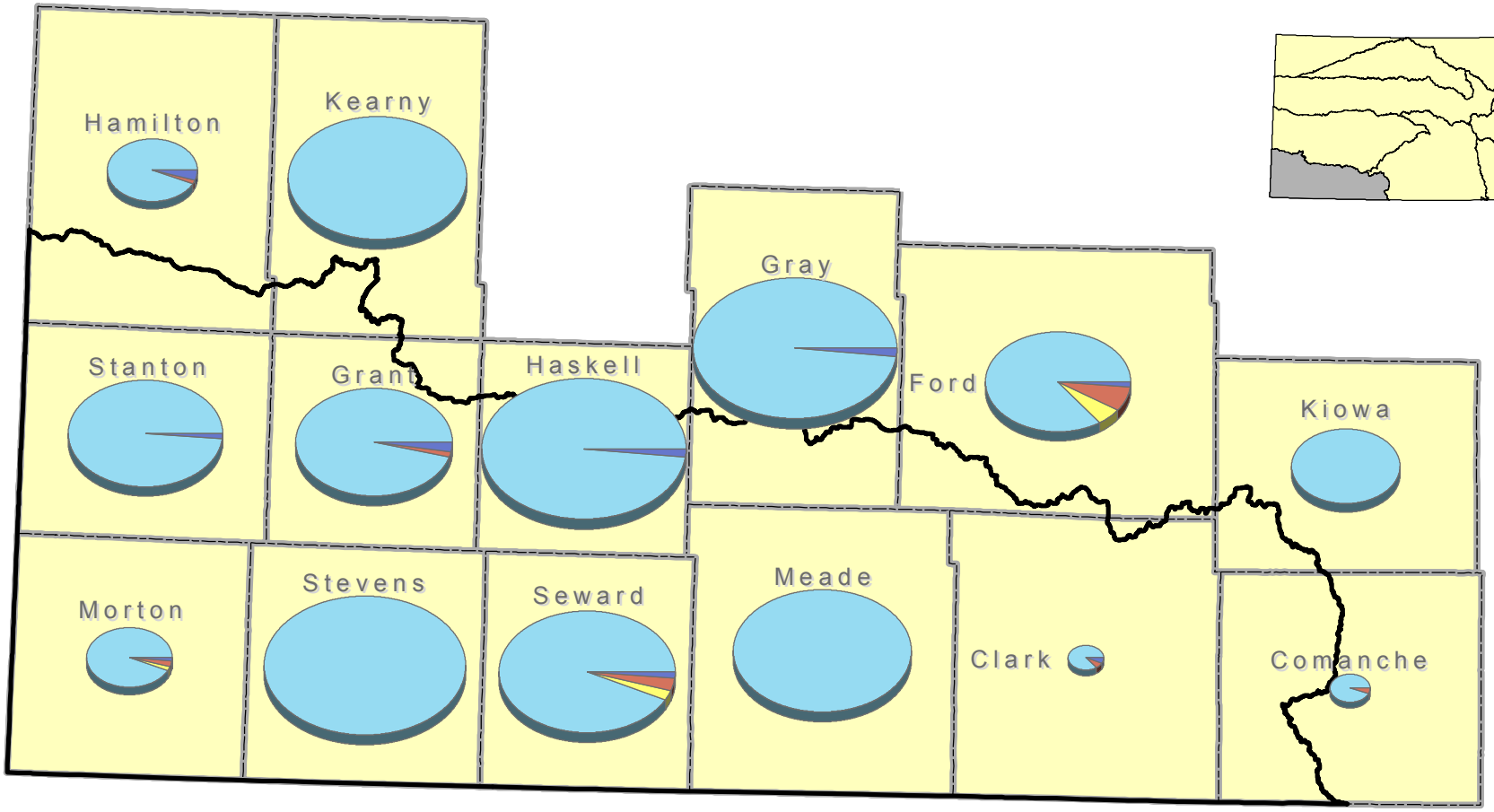


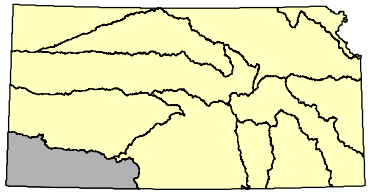
Precipitation Contour

Data Source: National Climate Data Center (NCDC)
Prepared for Kansas Water Plan 2008

Cimarron Basin

2006 Water Use By County





Data Sources:
Division of Water Resources, Water Use Program
Kansas Water Office, Water Marketing Program

25 12.5 0 25 Miles

Kansas Water Office, May 2008

N

Water Use by Type of Use

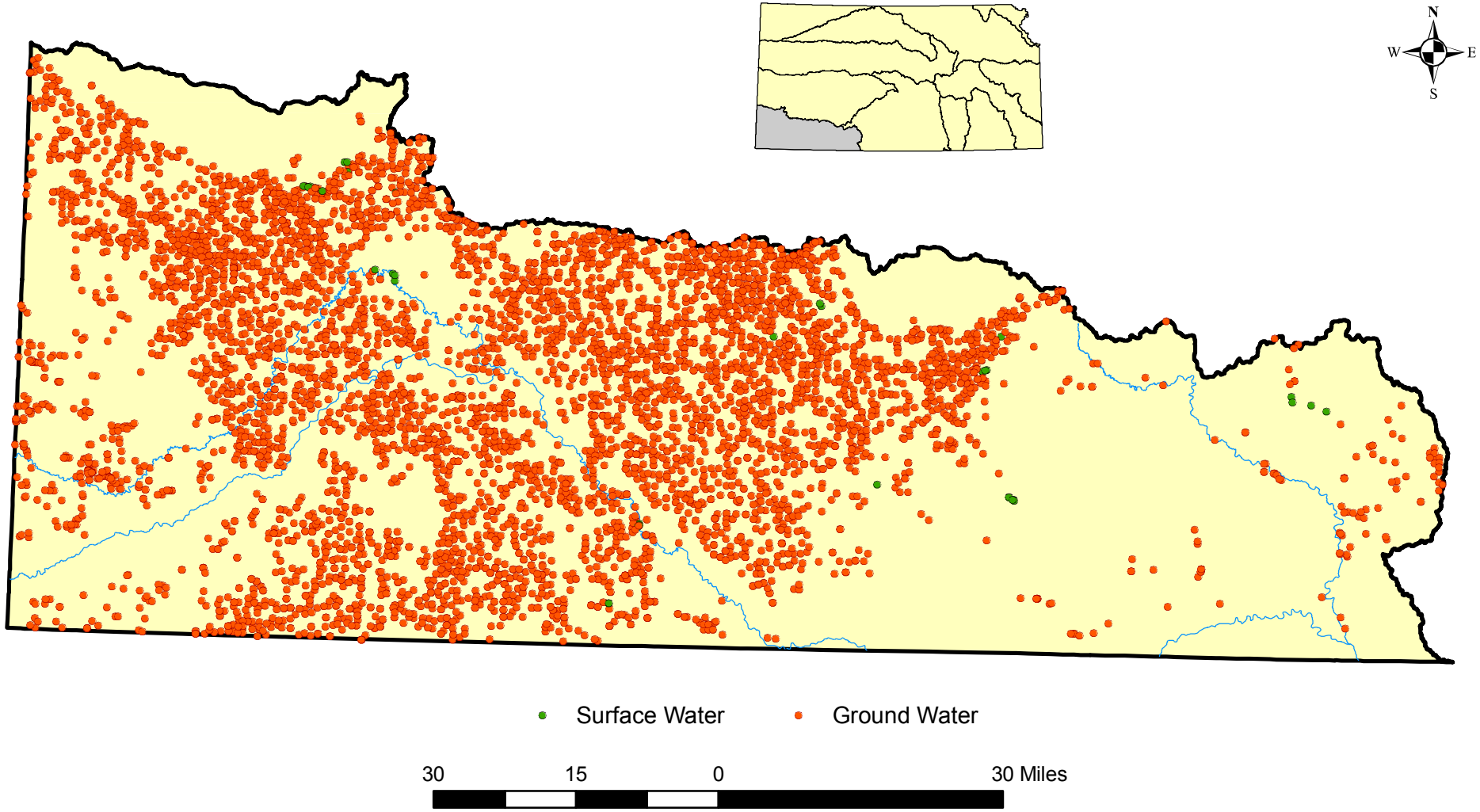
Acre Feet

33,000

Irrigation
Industry
Municipal
Recreation
Stock Water

Cimarron Basin

Irrigation Points of Diversion

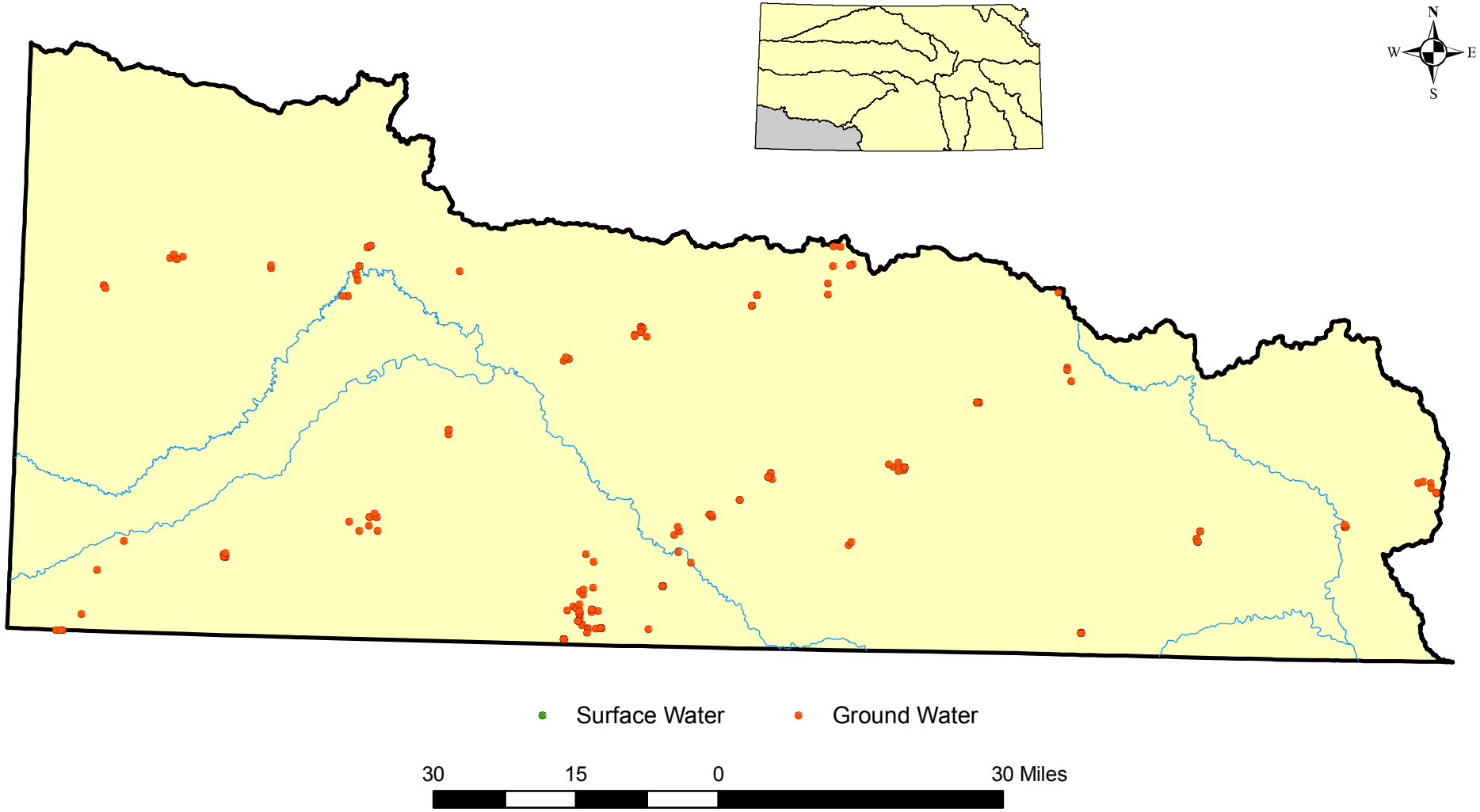


Data Source: Kansas Department of Agriculture, November 2008

Prepared for Kansas Water Plan 2008

Cimarron Basin

Municipal Points of Diversion

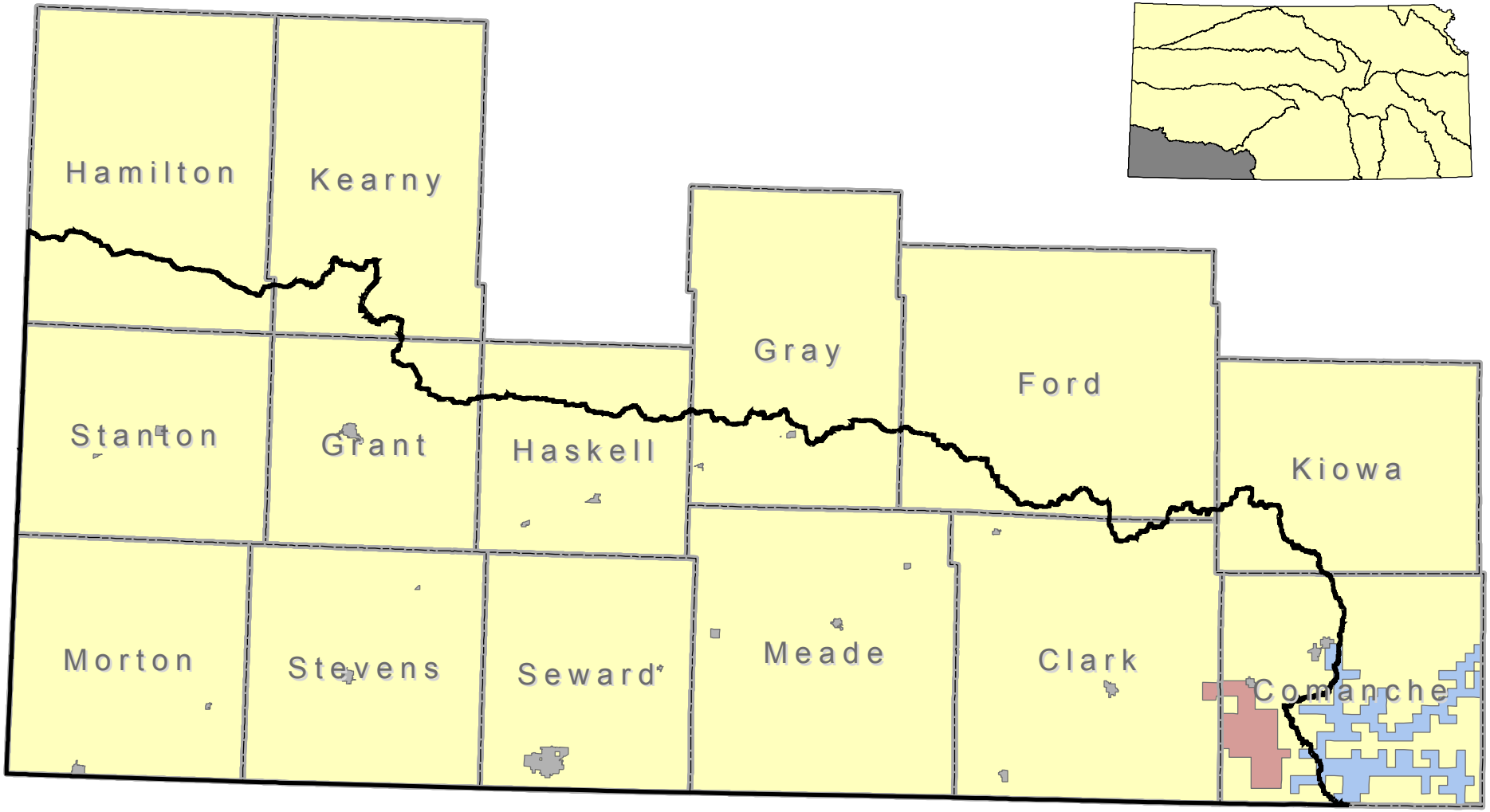


Data Source: Kansas Department of Agriculture, November 2008

Prepared for Kansas Water Plan 2008

Cimarron Basin

Public Water Suppliers



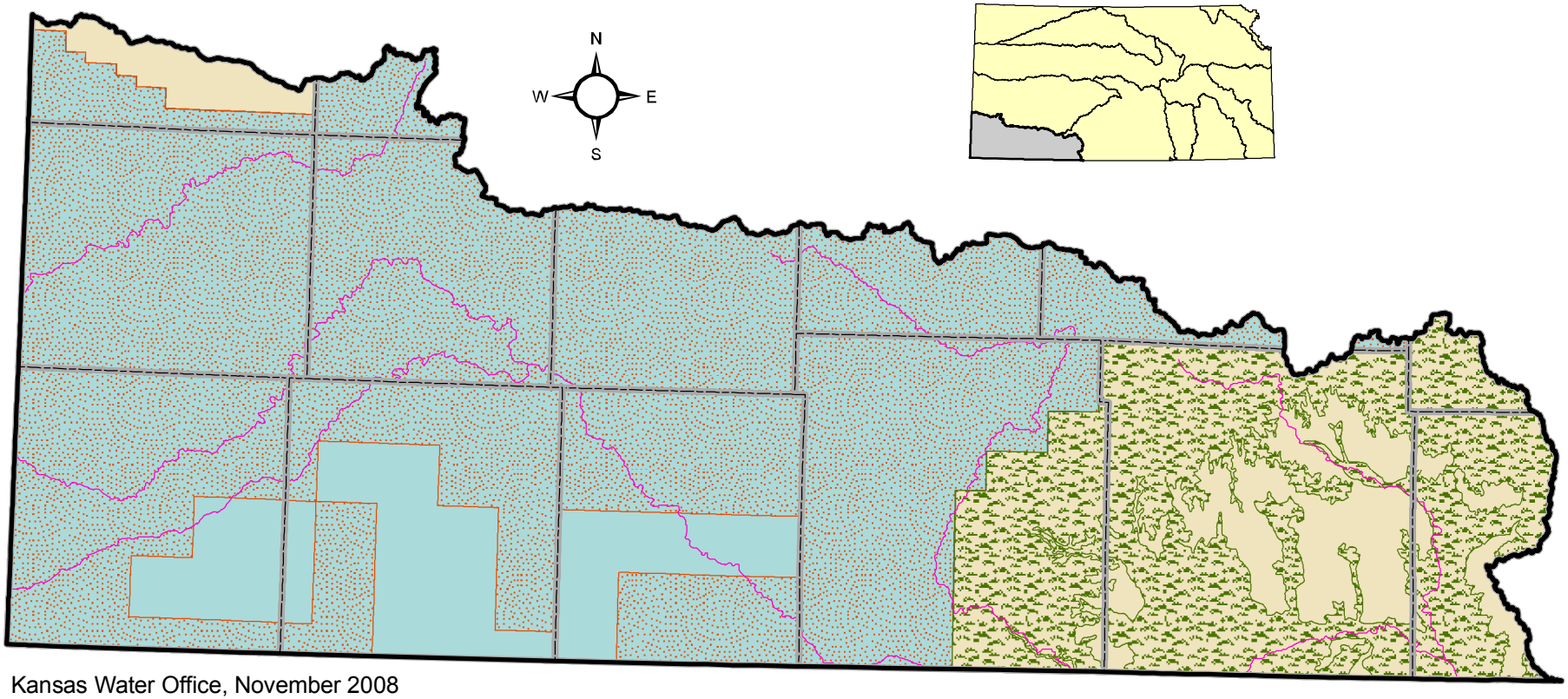
30 15 0 30 Miles

Kansas Water Office, September 2008

N
W E
S

Cimarron Basin

Water Management in Kansas



Kansas Water Office, November 2008

40 20 0 40 Miles

Southwest Kansas GMD #3

Restricted Stream*

Closed Area*

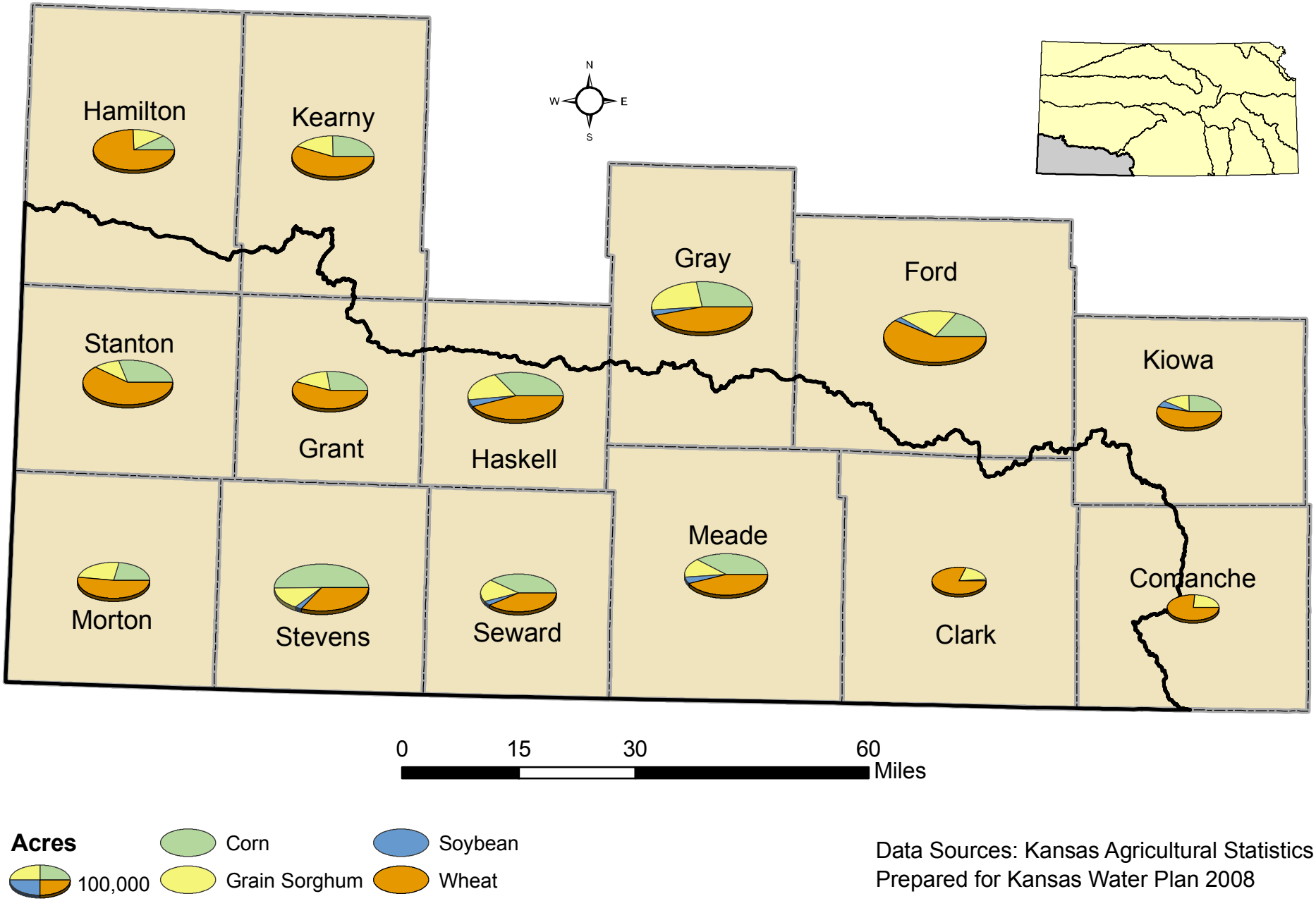
Special Restrictions*

Source:
Kansas Department of Agriculture

* See Regulation for details

Cimarron Basin

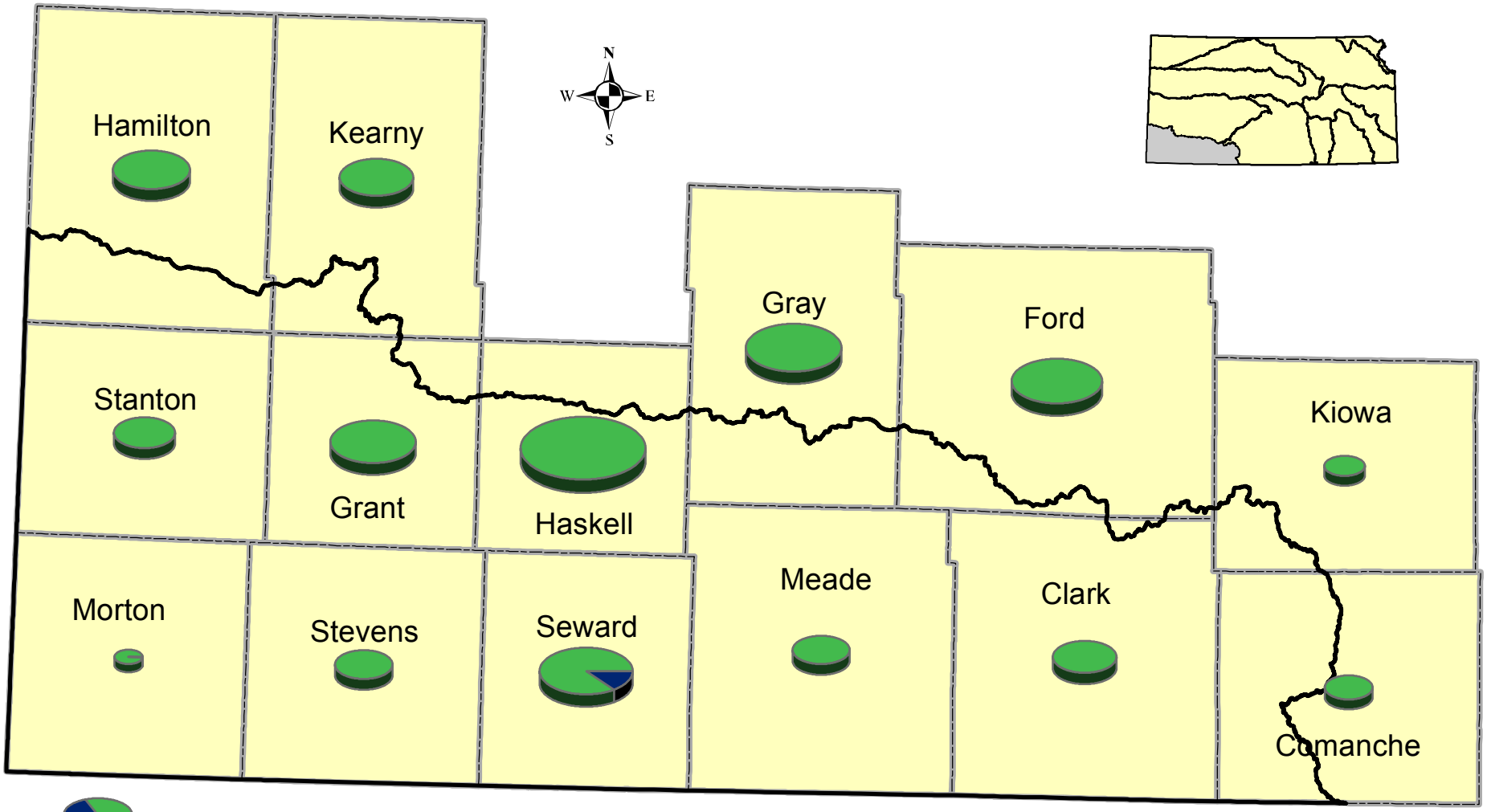
2007 Harvested Crop Inventory by County

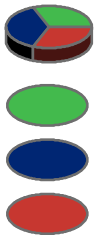


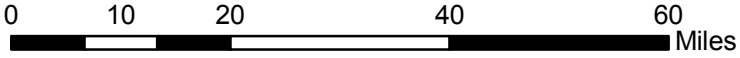
Data Sources: Kansas Agricultural Statistics
Prepared for Kansas Water Plan 2008

Cimarron Basin

2002 Livestock Inventory by County







Note: Some data not shown to protect individual farm operations

Data Sources: 2002 Census of Agriculture
Prepared for Kansas Water Plan 2008