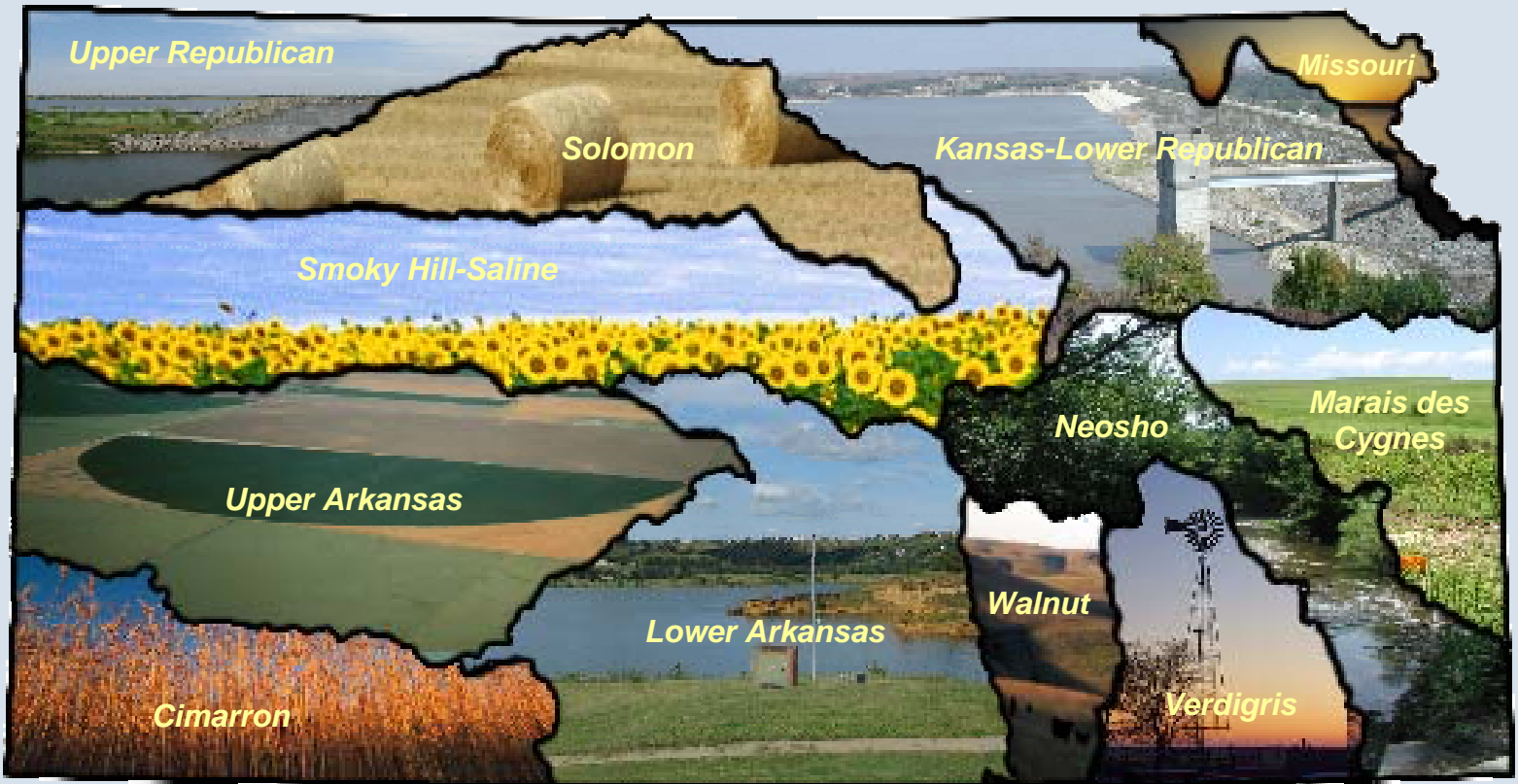


Kansas Water Plan



Atlas

Kansas Water Plan - Atlas

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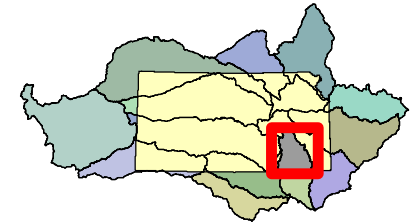
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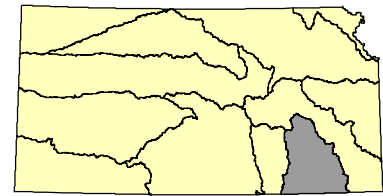
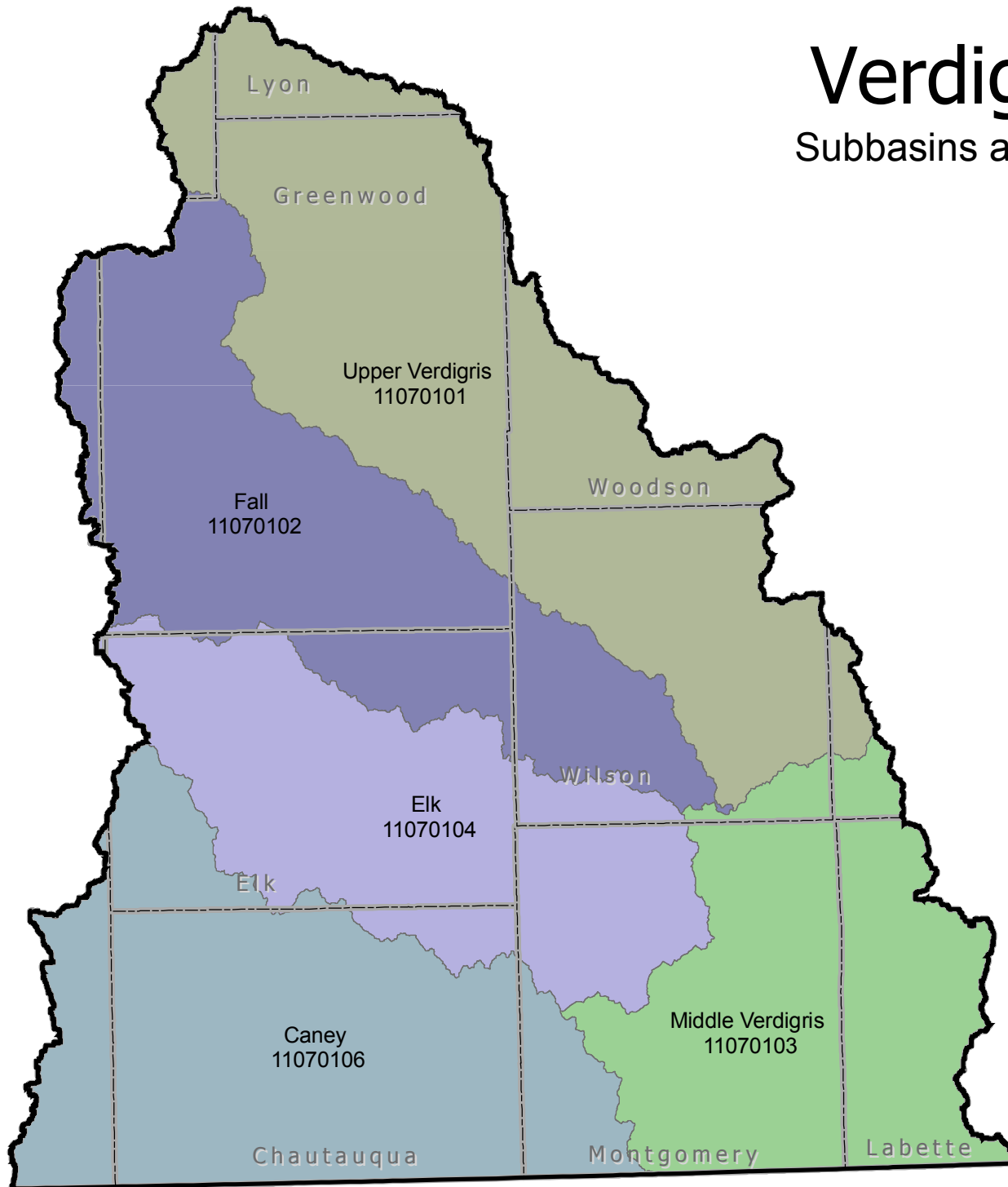







- County Seat
- ~ Hydrology
- ▨ Interstate Highway
- ▨ US Highway
- ▨ Kansas Highway
- ~ Federal Lake
- ▨ County

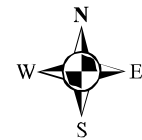


Verdigris Basin

Subbasins and HUC-08 Codes



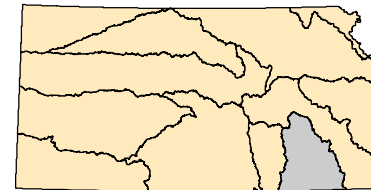
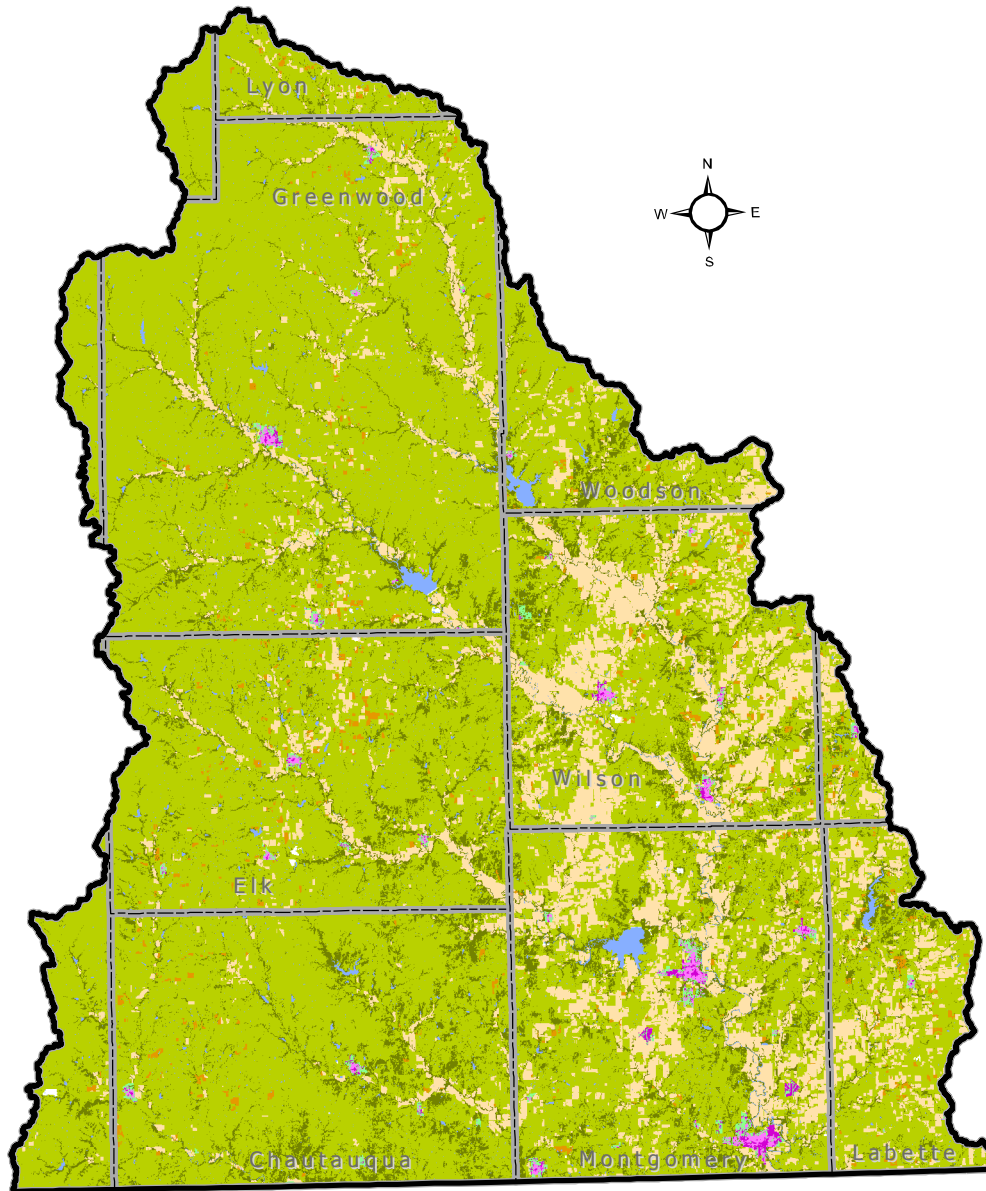
-  Caney
-  Elk
-  Fall
-  Middle Verdigris
-  Upper Verdigris














Kansas Water Office, May 2008

Verdigris Basin

2005 Land Use / Land Cover



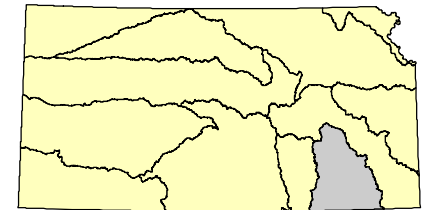
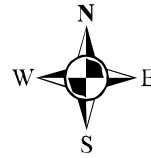
Legend

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

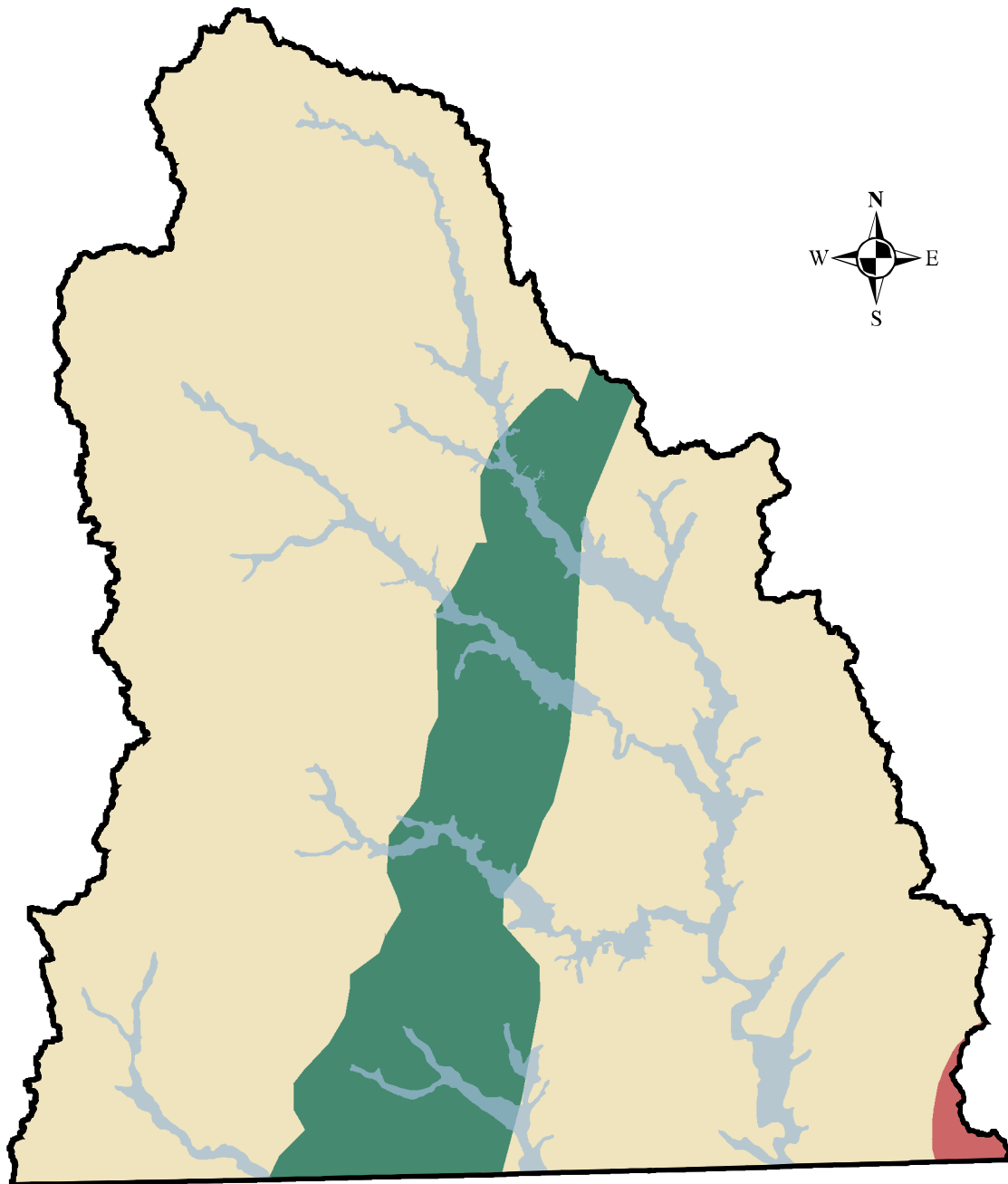


Verdigris Basin

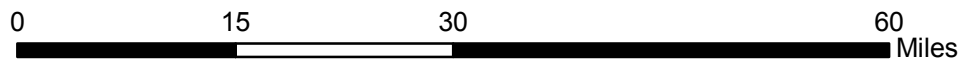
Aquifers



-  Alluvial
-  Osage
-  Ozark
-  Basin

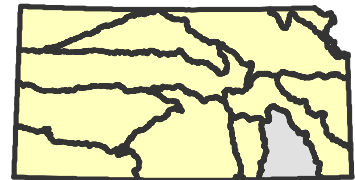
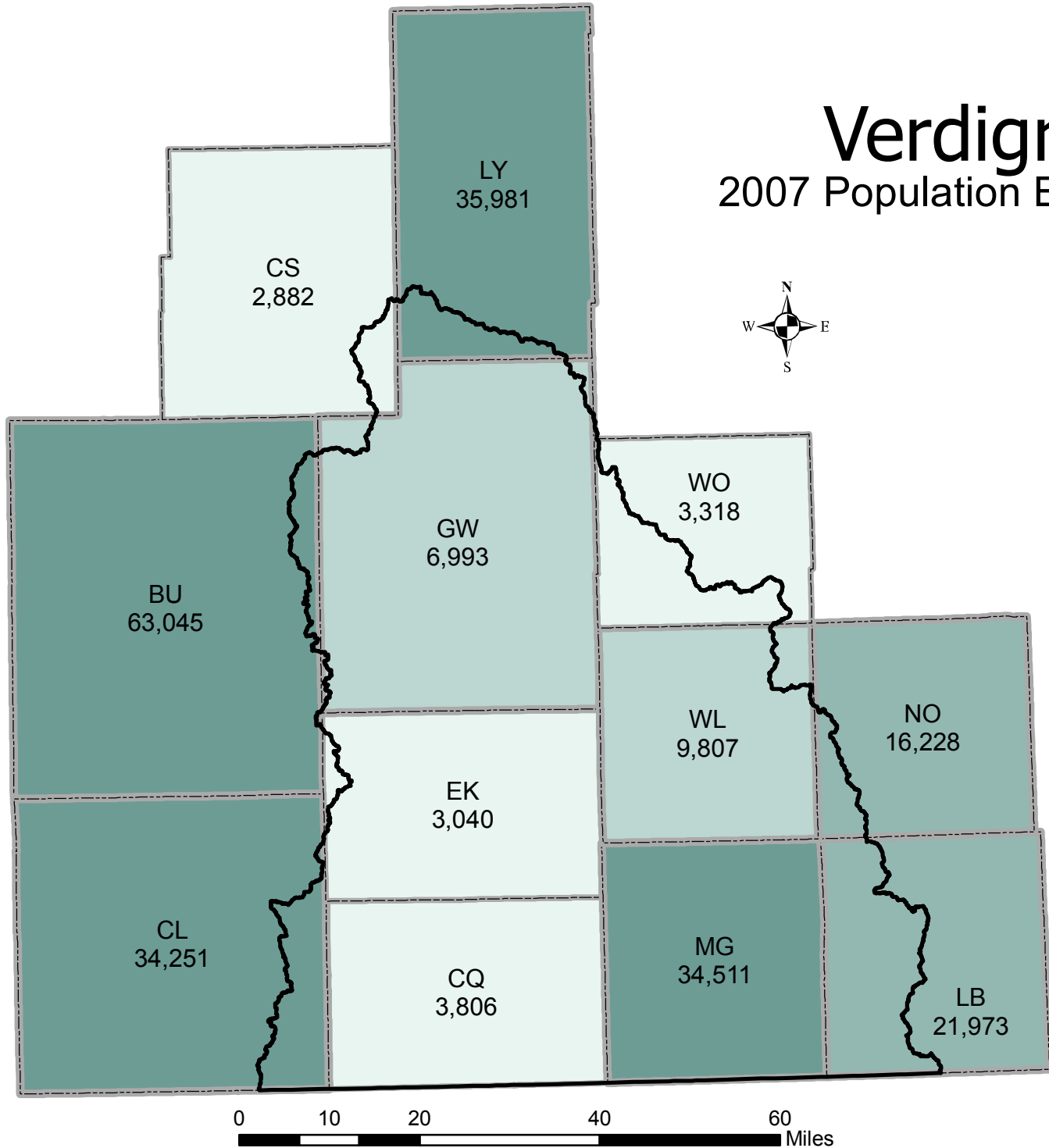


Data Source: U.S. Geological Survey
Prepared for Kansas Water Plan 2008



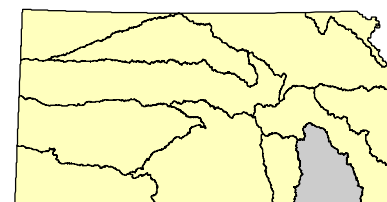
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2007 Population Estimates by County

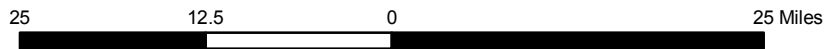


Data Sources:
Kansas Division of Budget, July 1, 2008
Prepared for Kansas Water Plan 2008

Verdigris Basin Precipitation



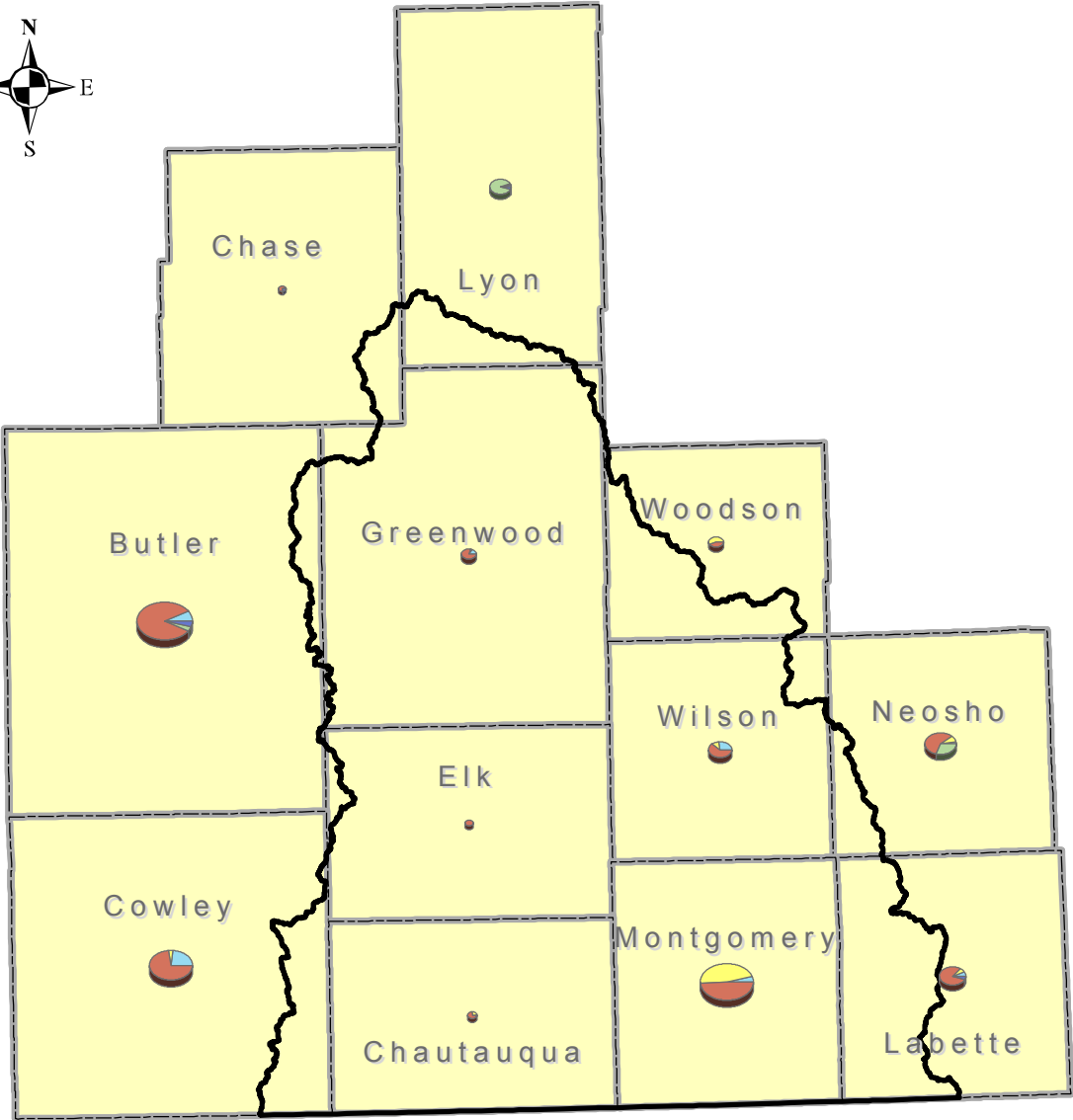
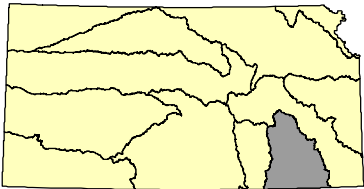
 Precipitation Contour



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

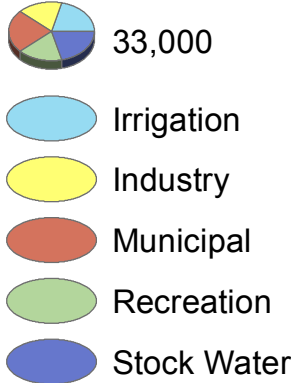
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2006 Water Use By County



Water Use by Type of Use

Acre Feet

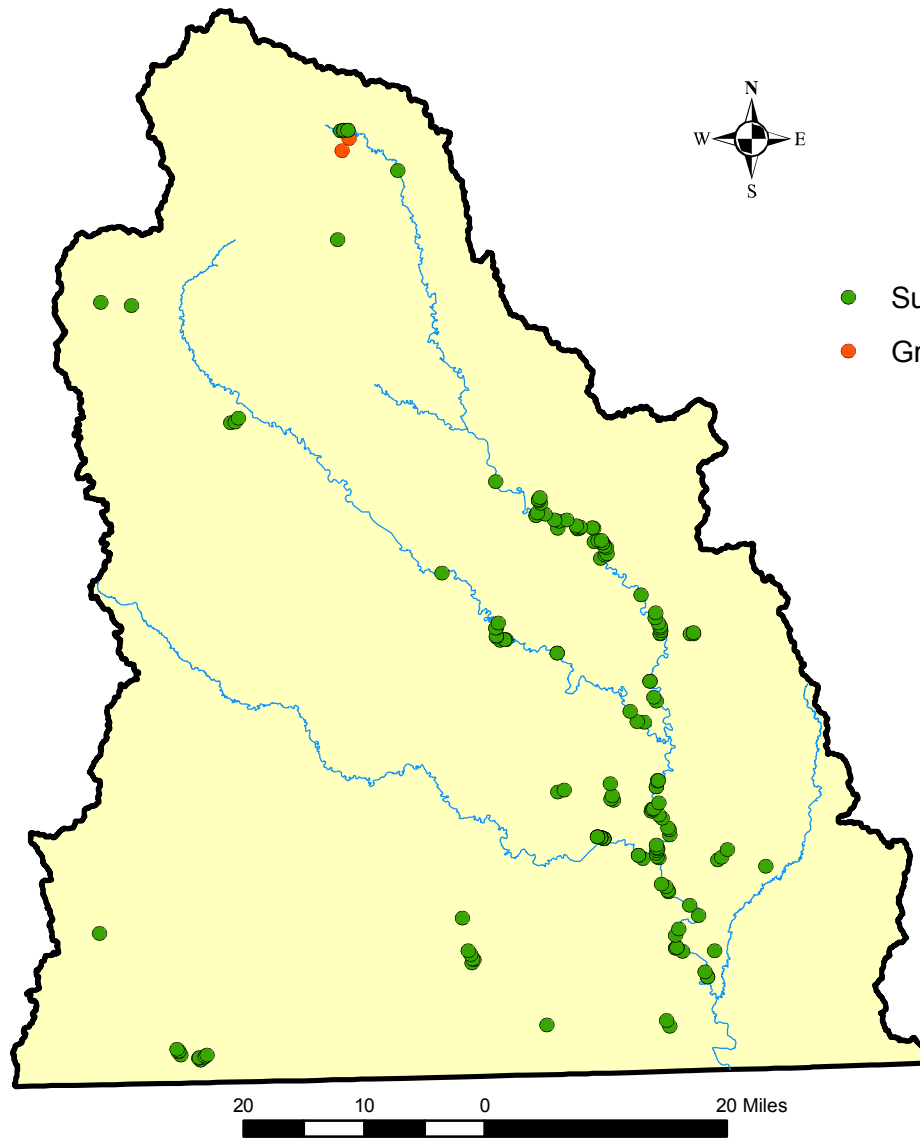


Kansas Water Office January 2008

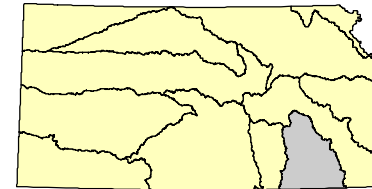
Data Sources:
 Division of Water Resources, Water Use Program
 Kansas Water Office, Water Marketing Program

Verdigris Basin

Irrigation Points of Diversion



- Surface Water
- Ground Water

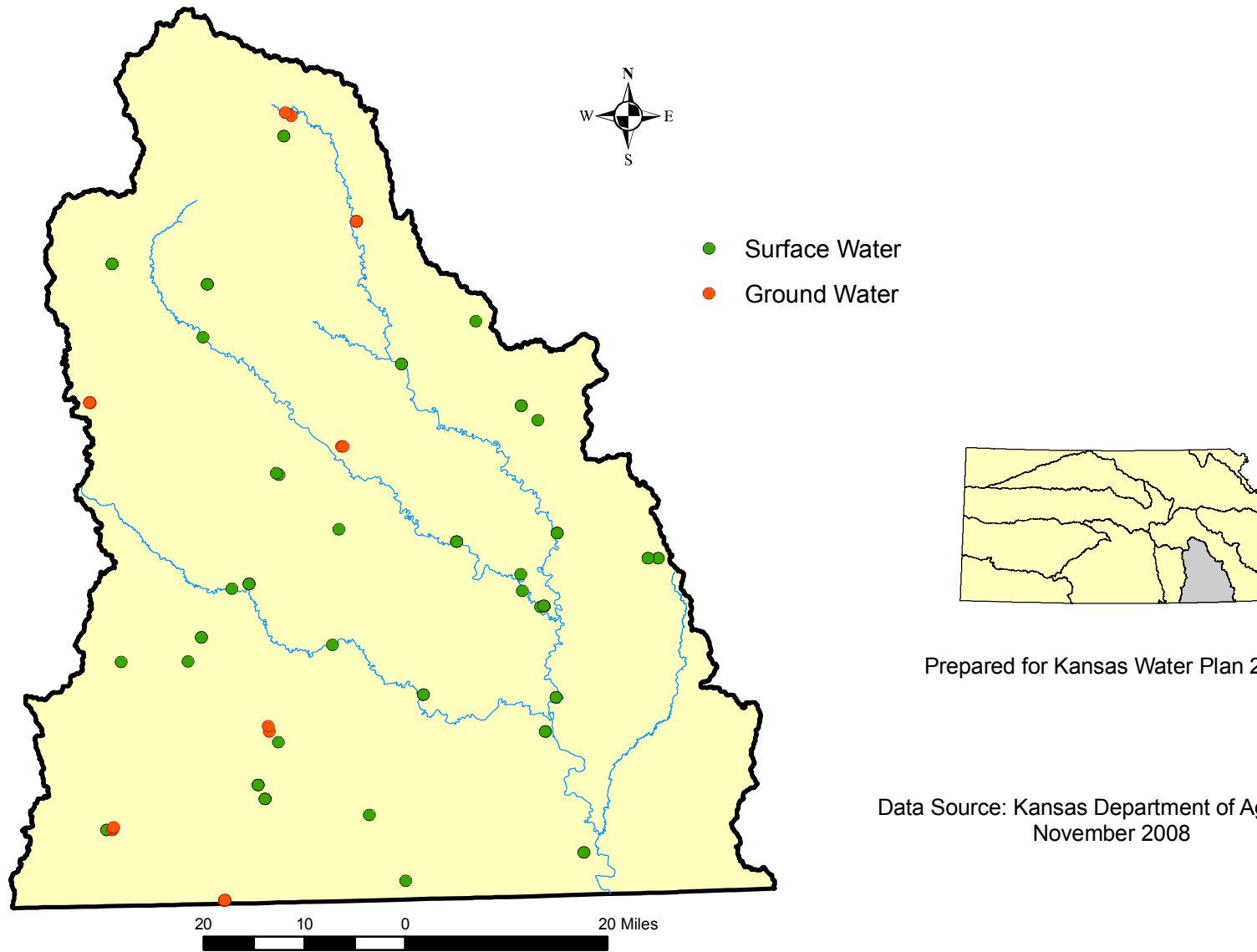


Prepared for Kansas Water Plan 2008

Data Source: Kansas Department of Agriculture
November 2008

Verdigris Basin

Municipal Points of Diversion

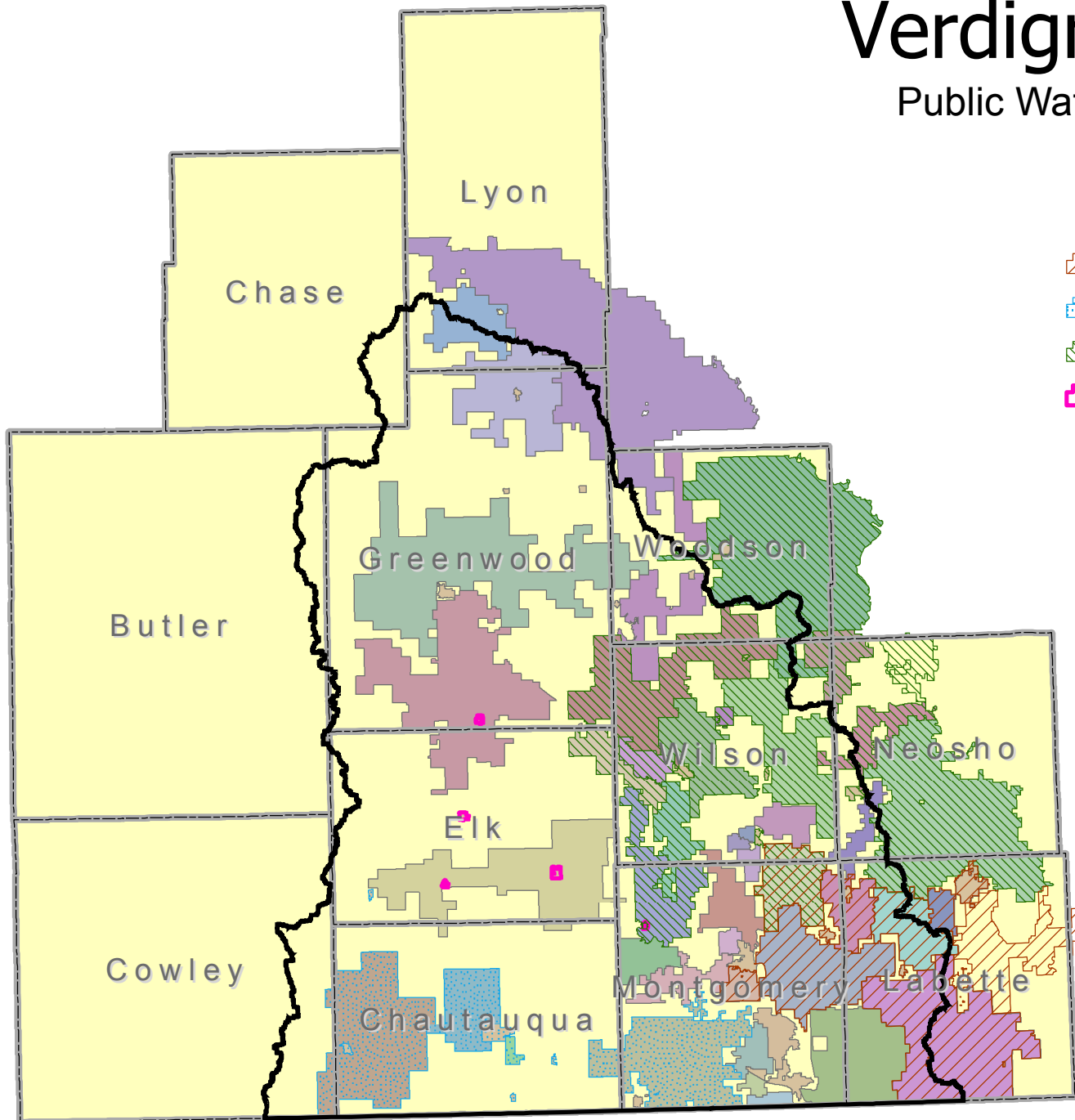






Prepared for Kansas Water Plan 2008

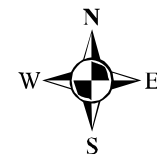
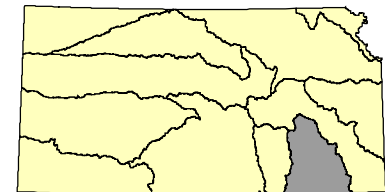
Data Source: Kansas Department of Agriculture
November 2008

Verdigris Basin

Public Water Suppliers



-  Public Wholesale Water Supply District #04
-  Public Wholesale Water Supply District #20
-  Public Wholesale Water Supply District #23
-  Public Wholesale Water Supply District #24



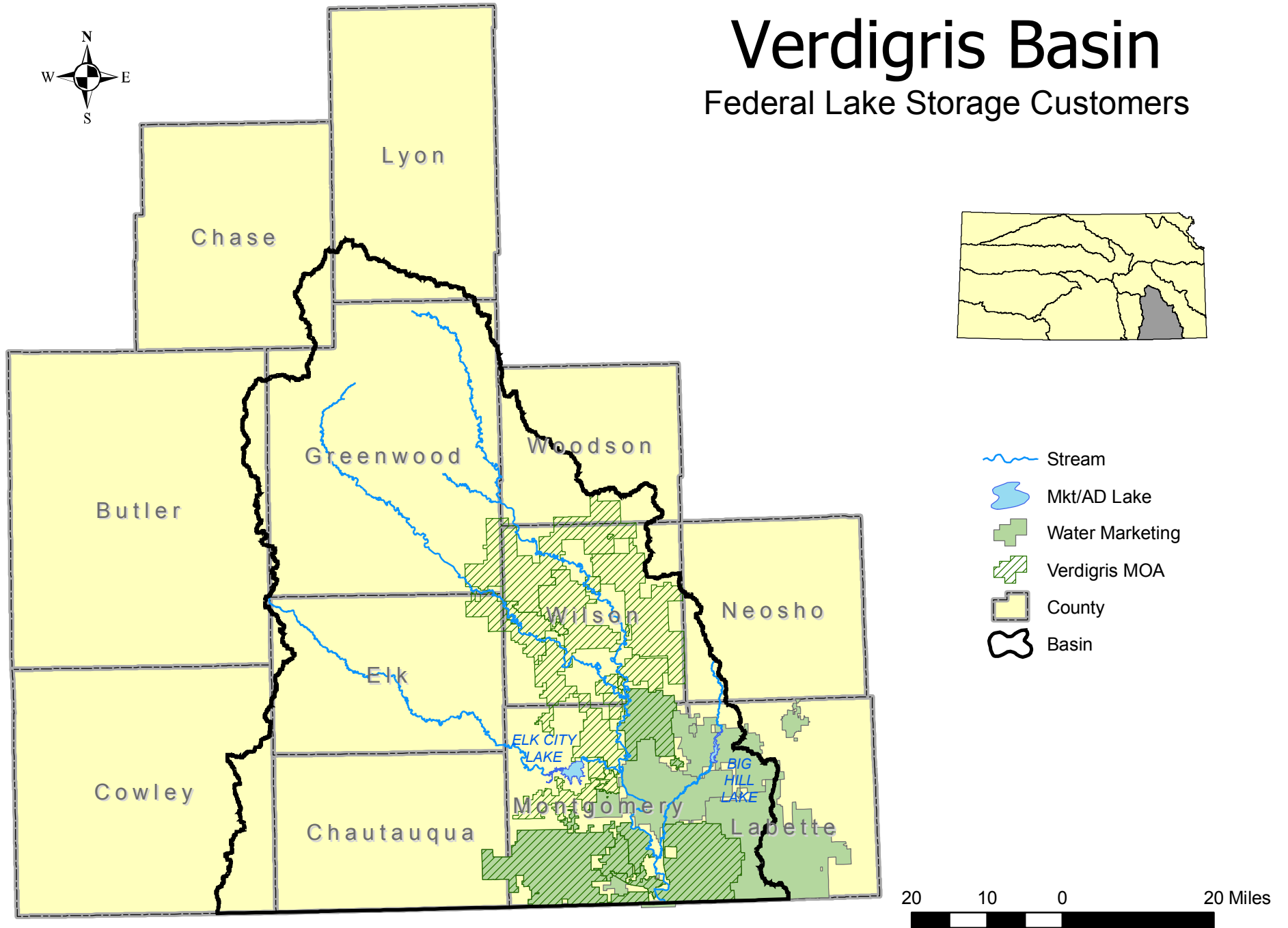
10 5 0 10 Miles



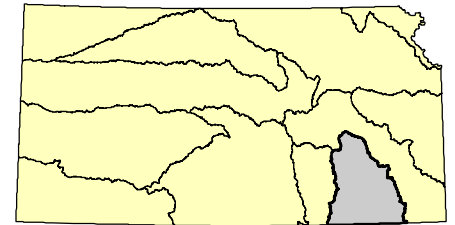
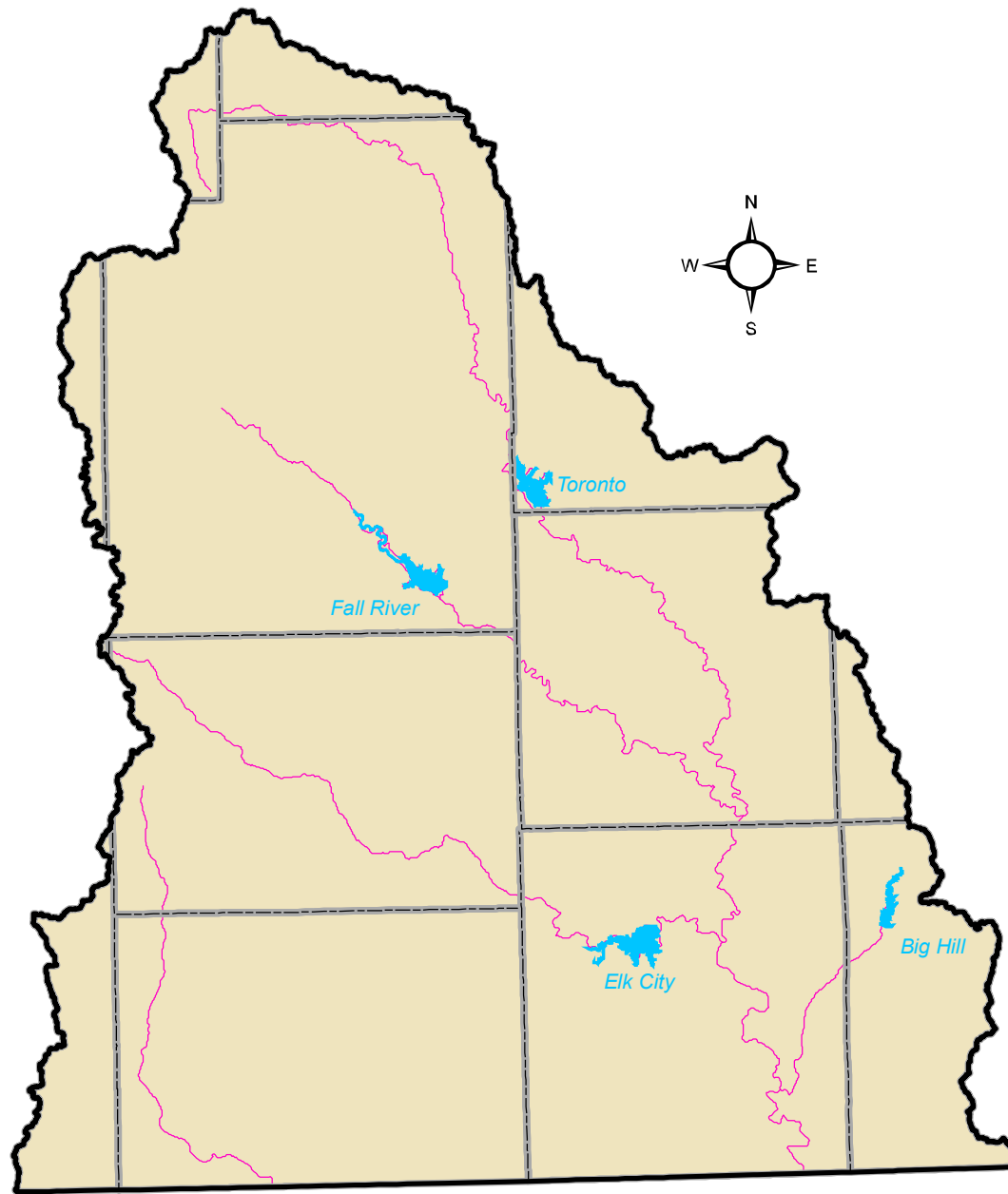
Kansas Water Office, February 2008

Verdigris Basin

Federal Lake Storage Customers



Verdigris Basin Water Management



 Restricted Stream*

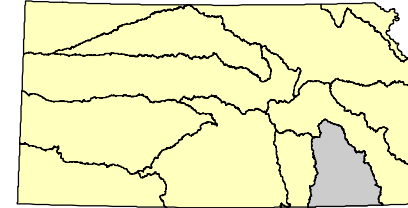
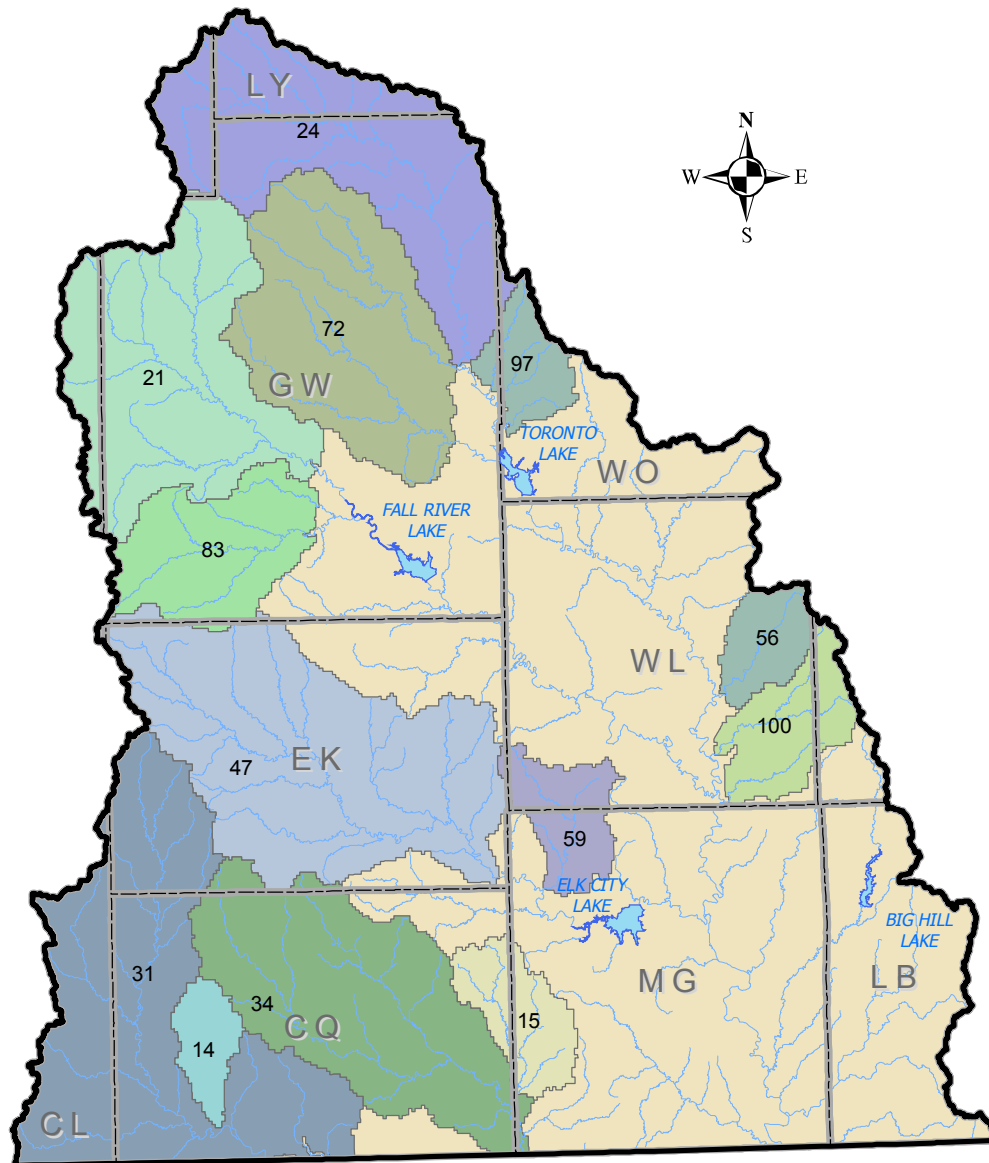
* See Regulation for details

Source:
Kansas Department of Agriculture

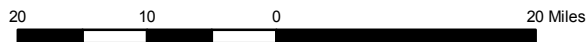
Kansas Water Office, November 2008



Verdigris Basin Watershed Districts



ID	Name
14	Grant-Shanghai
15	Bee Creek
21	Fall River
24	Upper Verdigris
31	Big Caney
34	Twin Caney
47	Elk River
56	Cedar Creek
59	Duck Creek
72	Walnut-West
83	Otter Creek
97	Cedar Creek
100	Tri-Creek

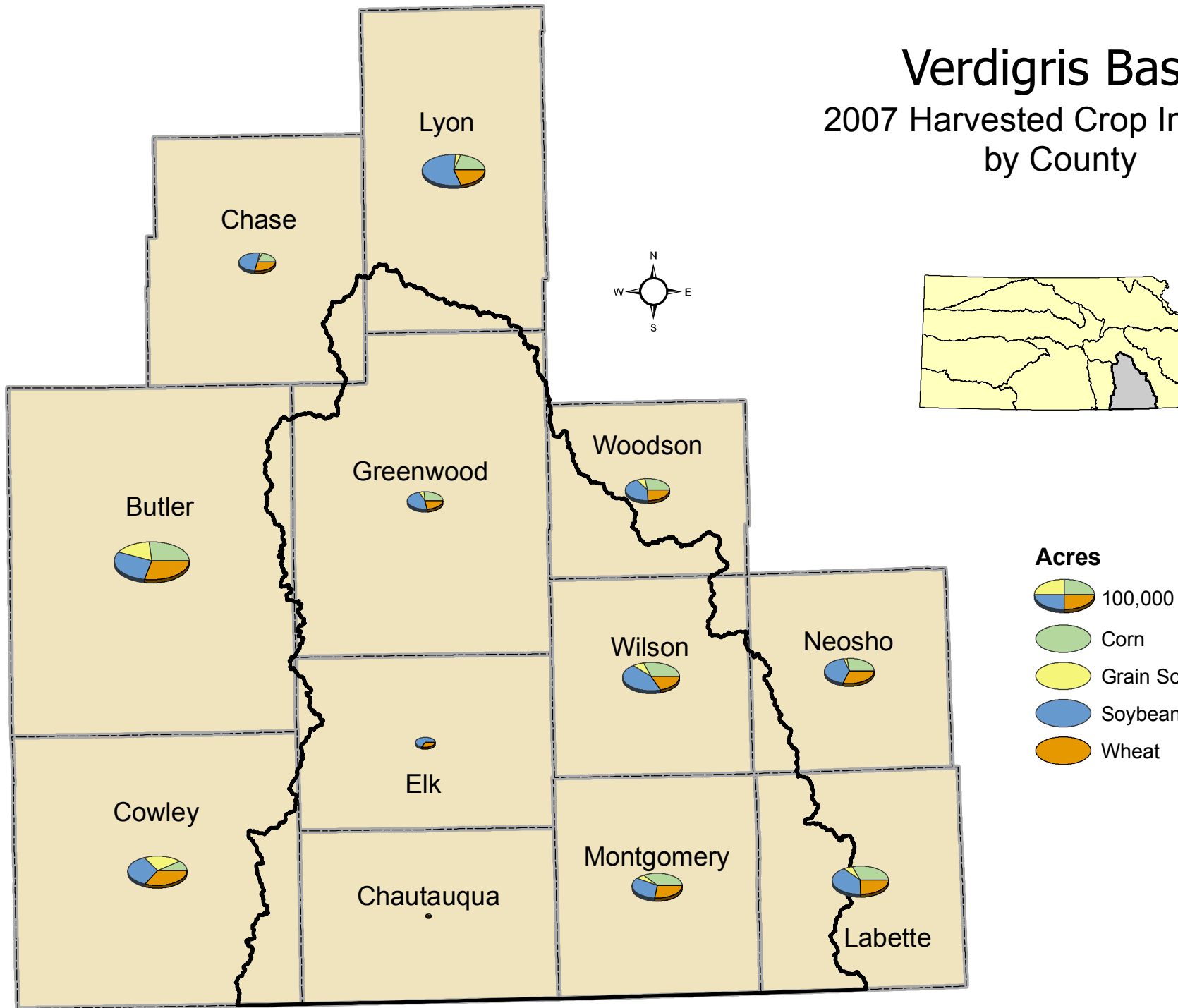


Source:
Kansas Department of Agriculture and
State Conservation Commission

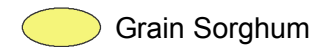
Kansas Water Office, November 2008

Verdigris Basin

2007 Harvested Crop Inventory by County



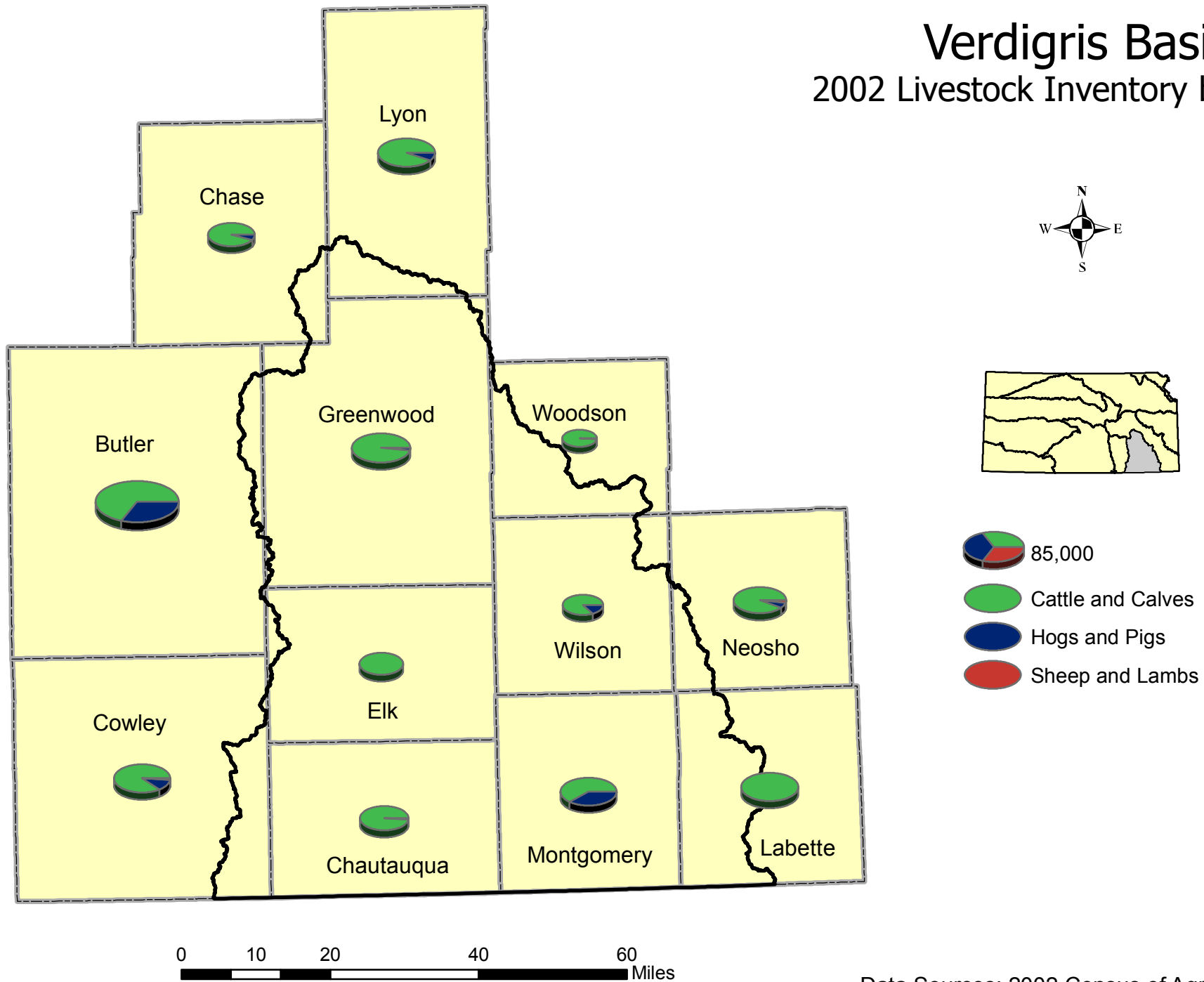
Acres



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

Verdigris 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