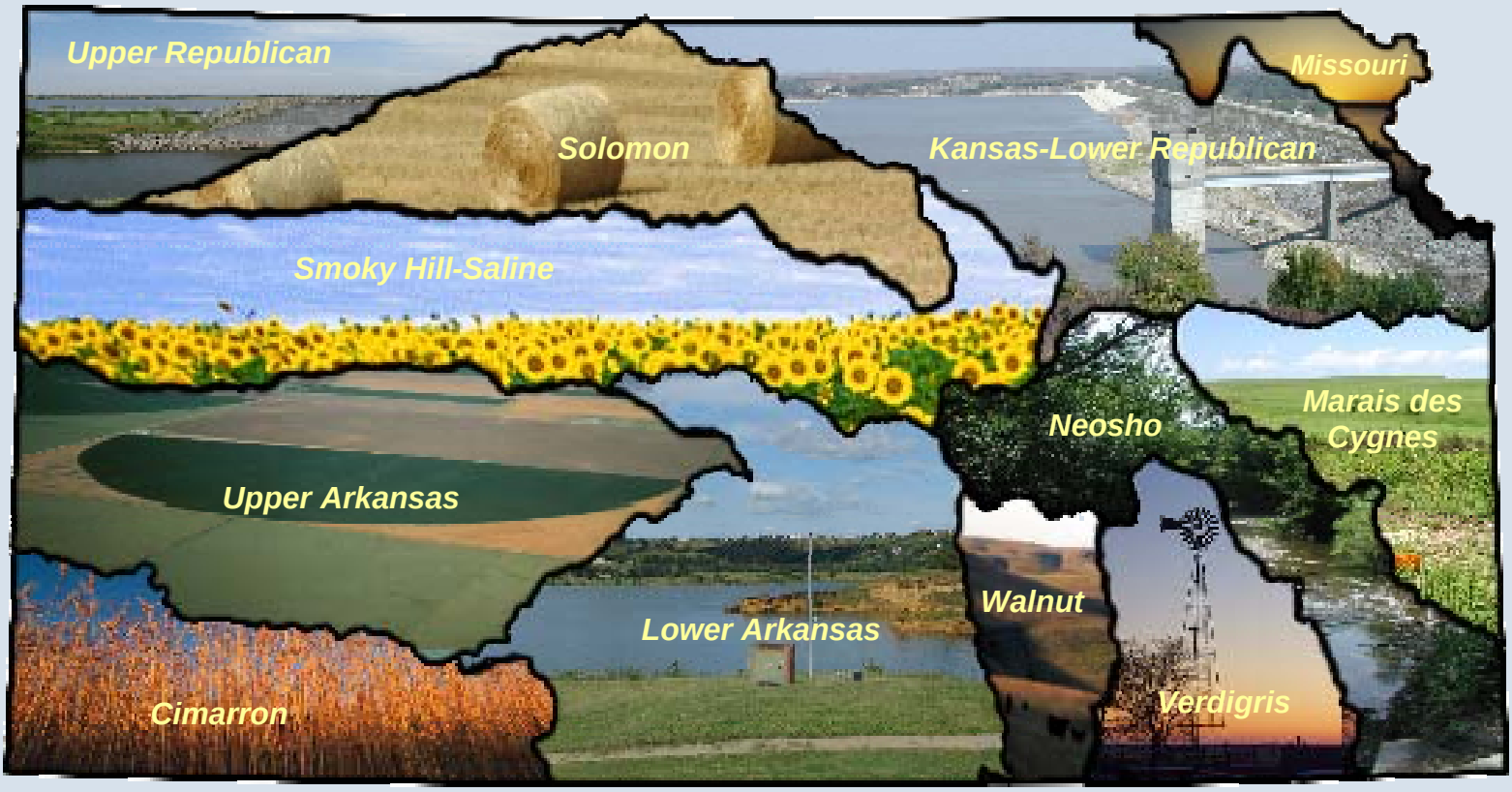
# Kansas Water Plan




# Atlas

# Kansas Water Plan - Atlas
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Municipal Points of Diversion

Public Water Suppliers

Federal Lake Storage Customers

Water Management

Watershed Districts

Crop Inventory

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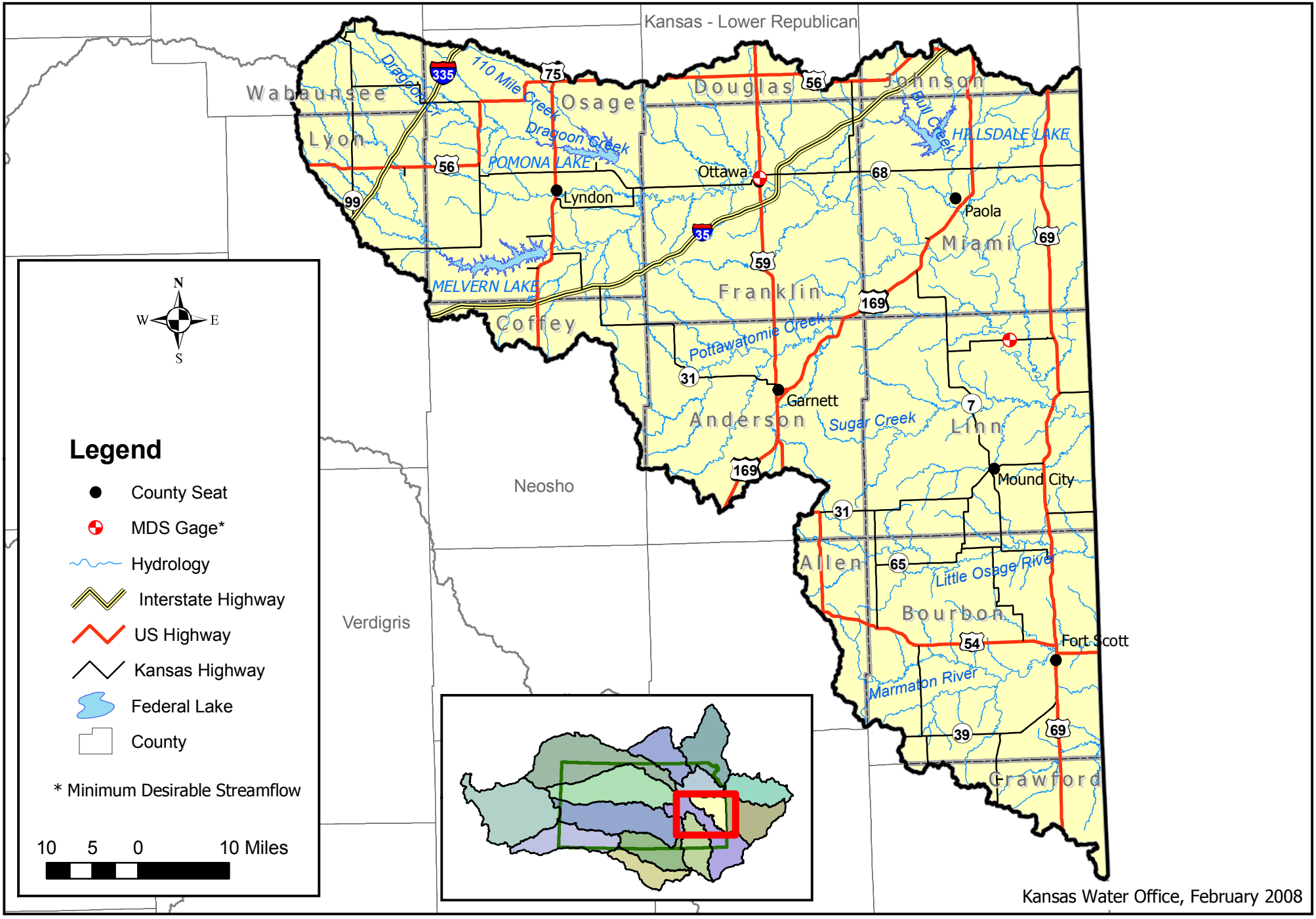
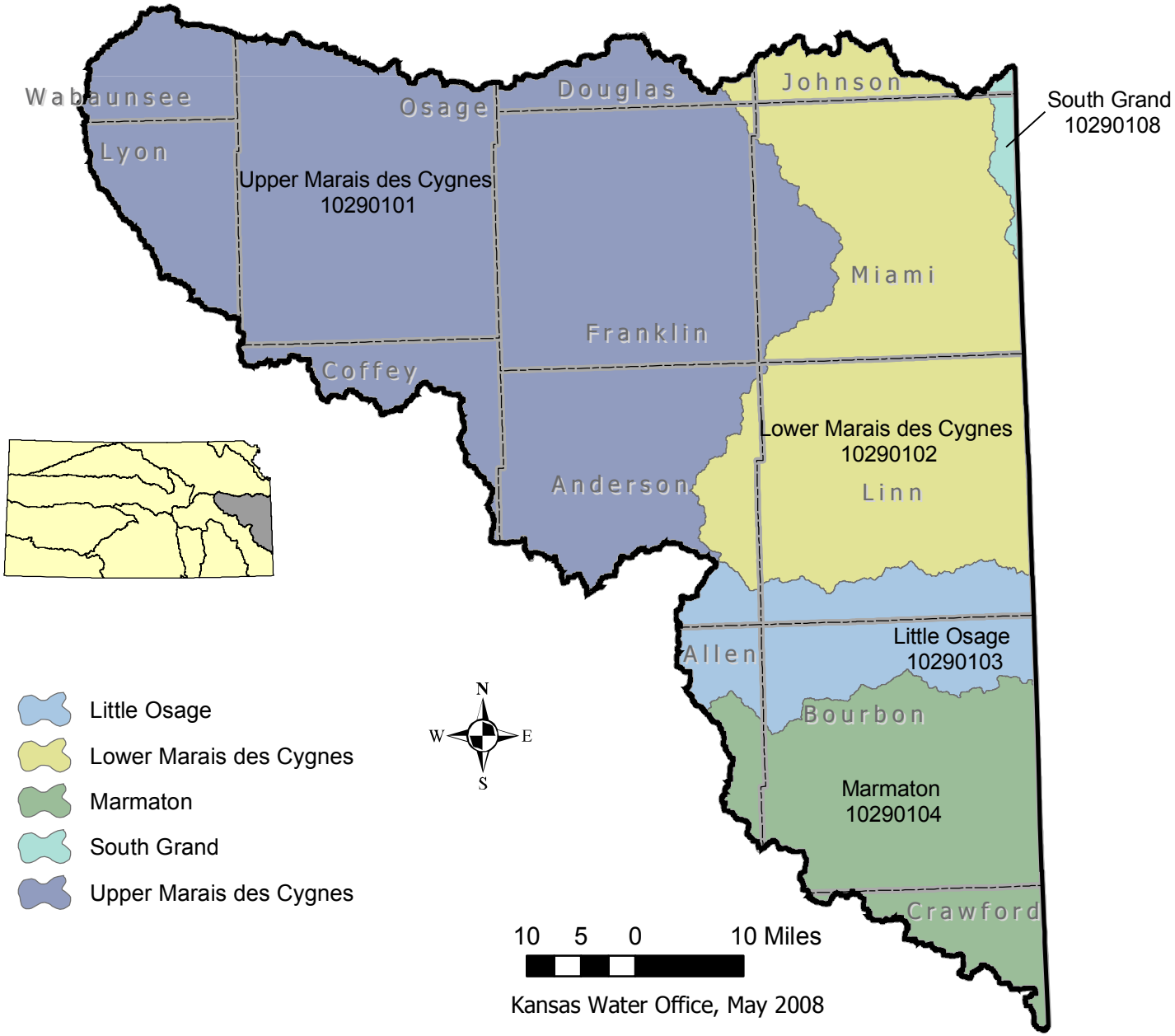
# Marais des Cygnes Basin



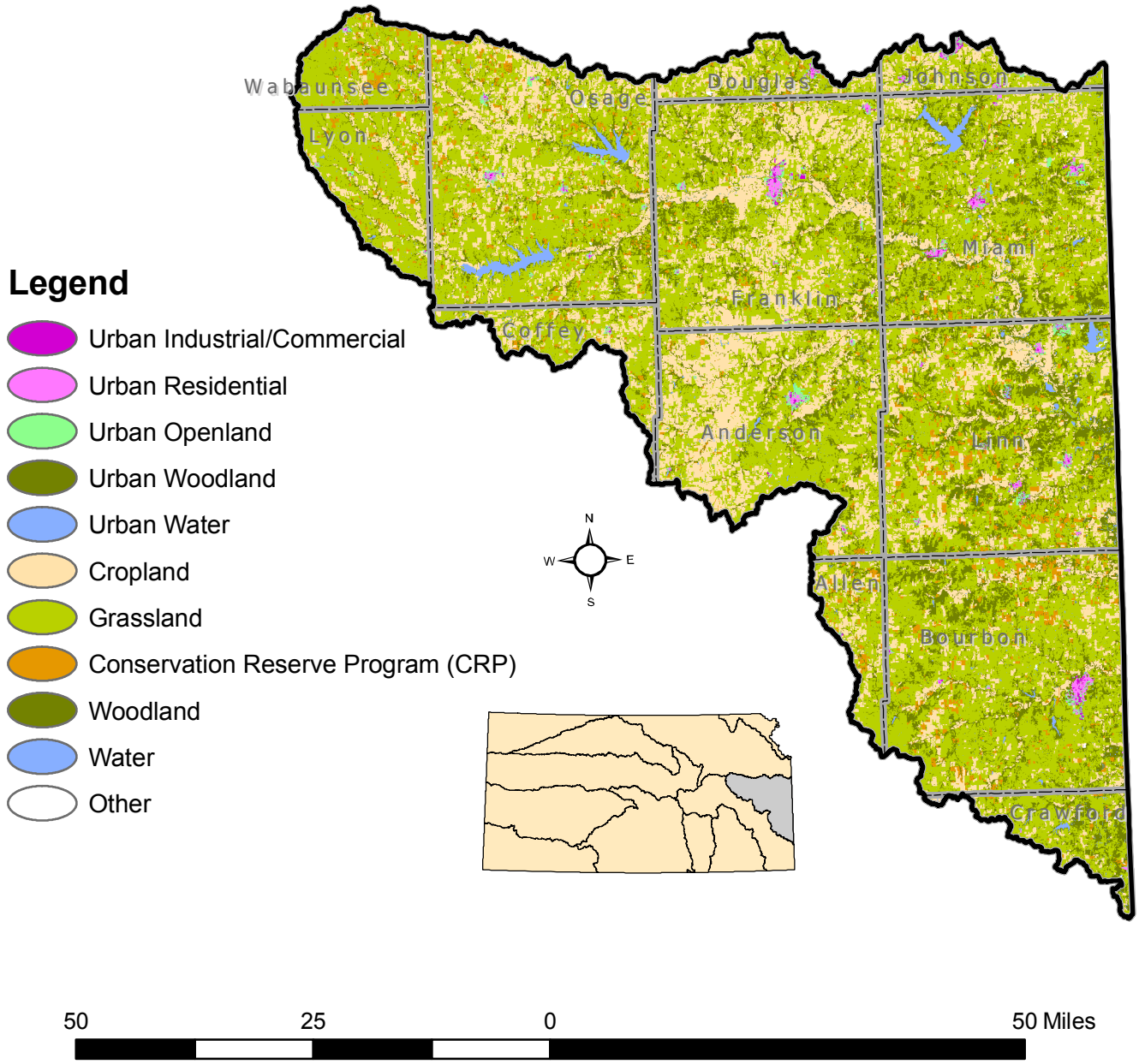
# Marais des Cygnes Basin

## HUC-08 Subbasins



# Marais des Cygnes Basin

## 2005 Land Use / Land Cover

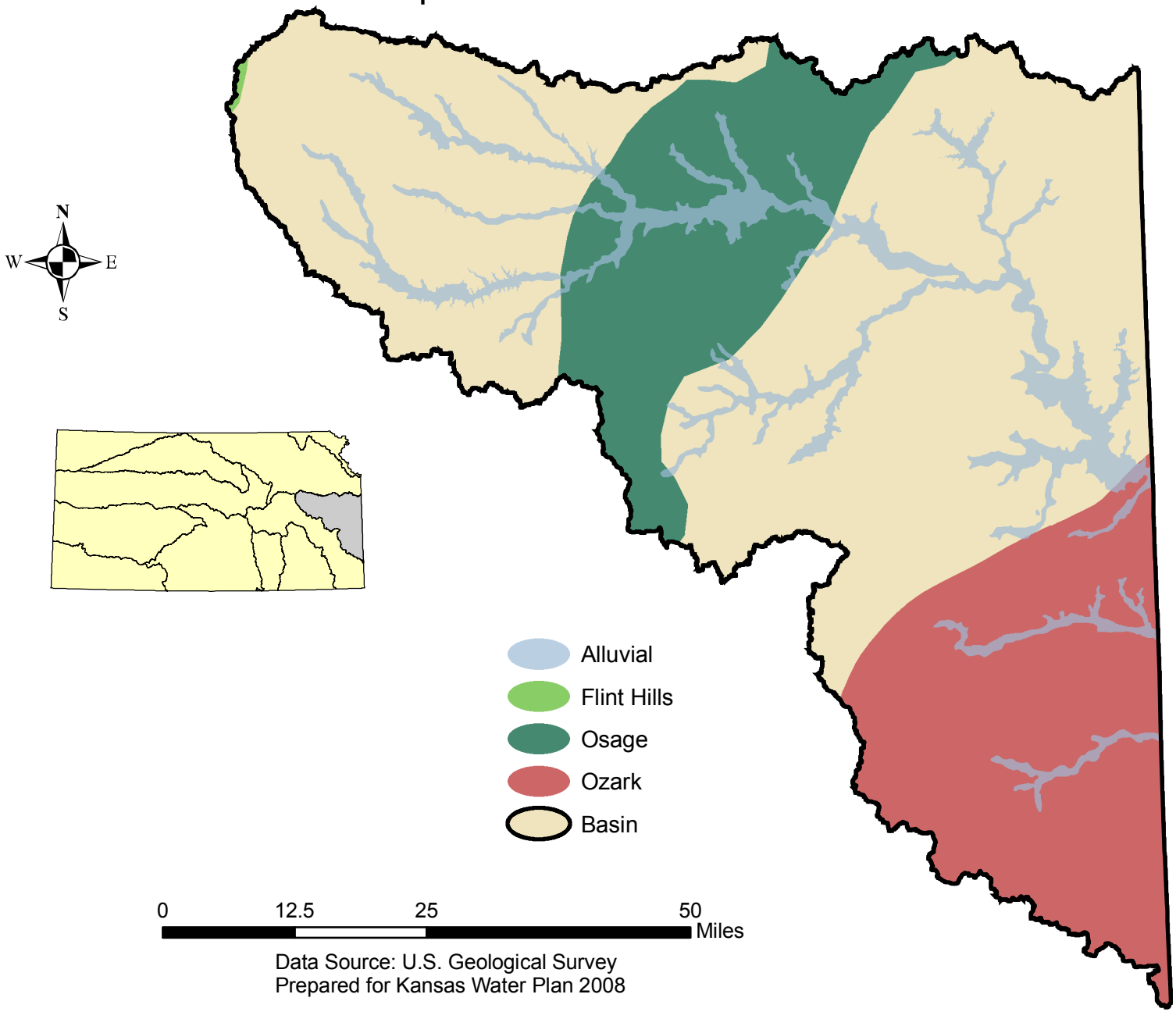



Source: Landsat 5 imagery, Kansas Applied Remote Sensing Program, University of Kansas

Kansas Water Office, October 2008

# Marais des Cygnes Basin

## Aquifers




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

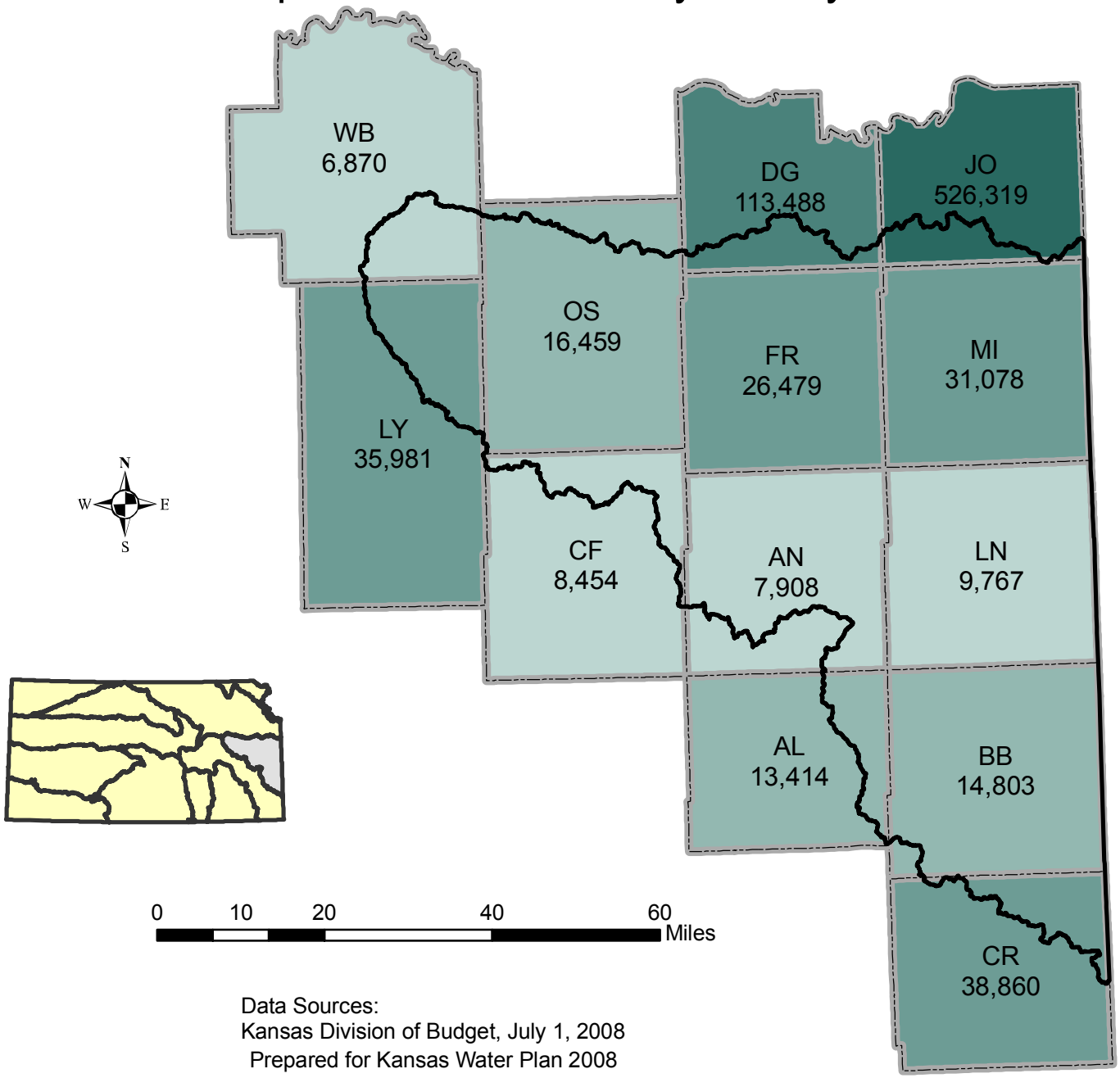
# Marais des Cygnes Basin

## Surface Water

Kansas Water Office, June 2008

# Marais des Cygnes Basin

## 2007 Population Estimates by County




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

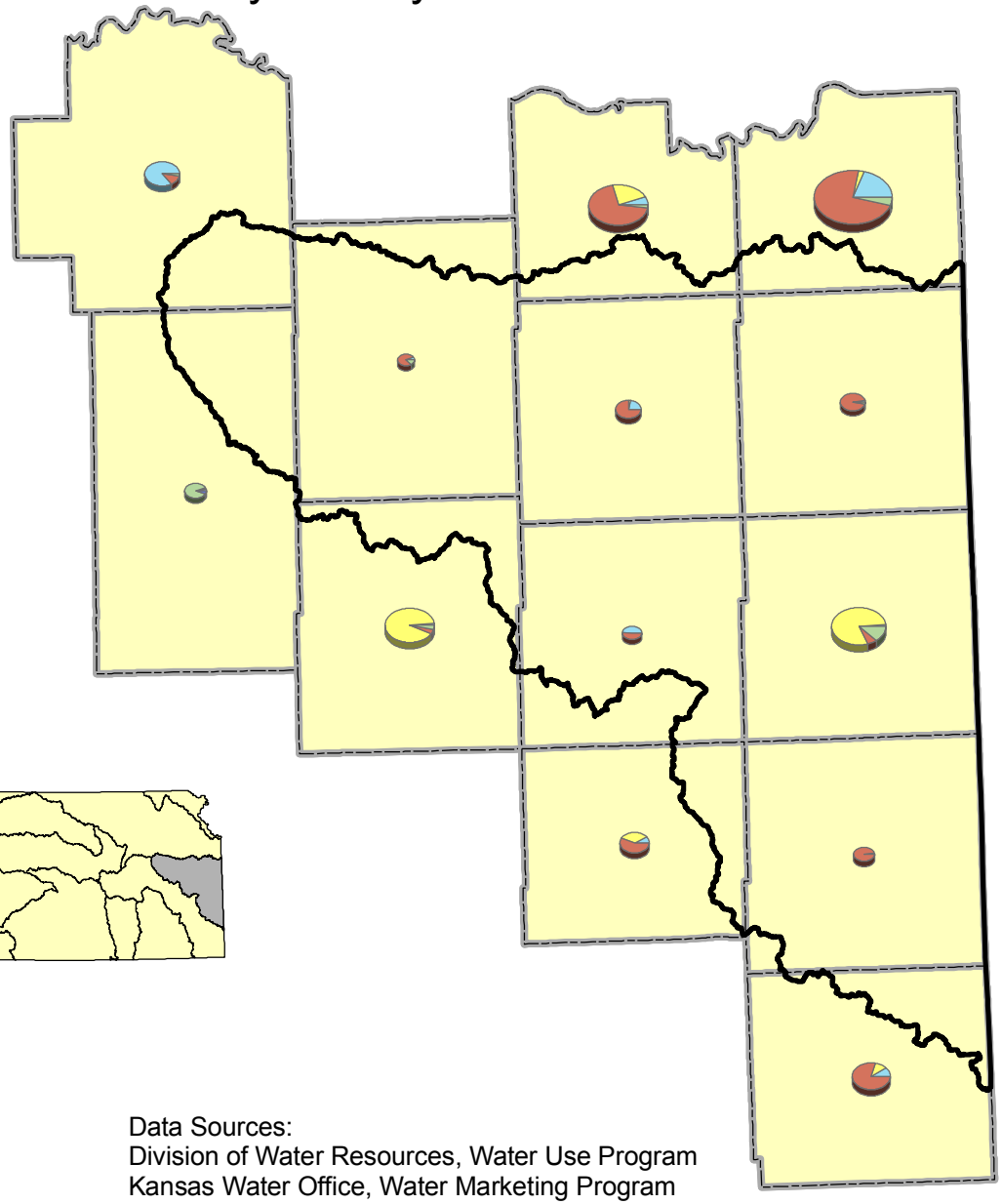
# Marais des Cygnes Basin

## Precipitation

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

# Marais des Cygnes Basin

## 2006 Water Use By County

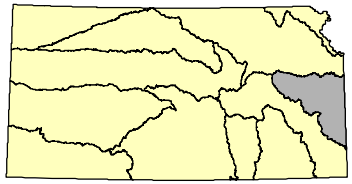


**Water Use by Type of Use**

**Acre Feet**

33,000

- Irrigation
- Industry
- Municipal
- Recreation
- Stock Water



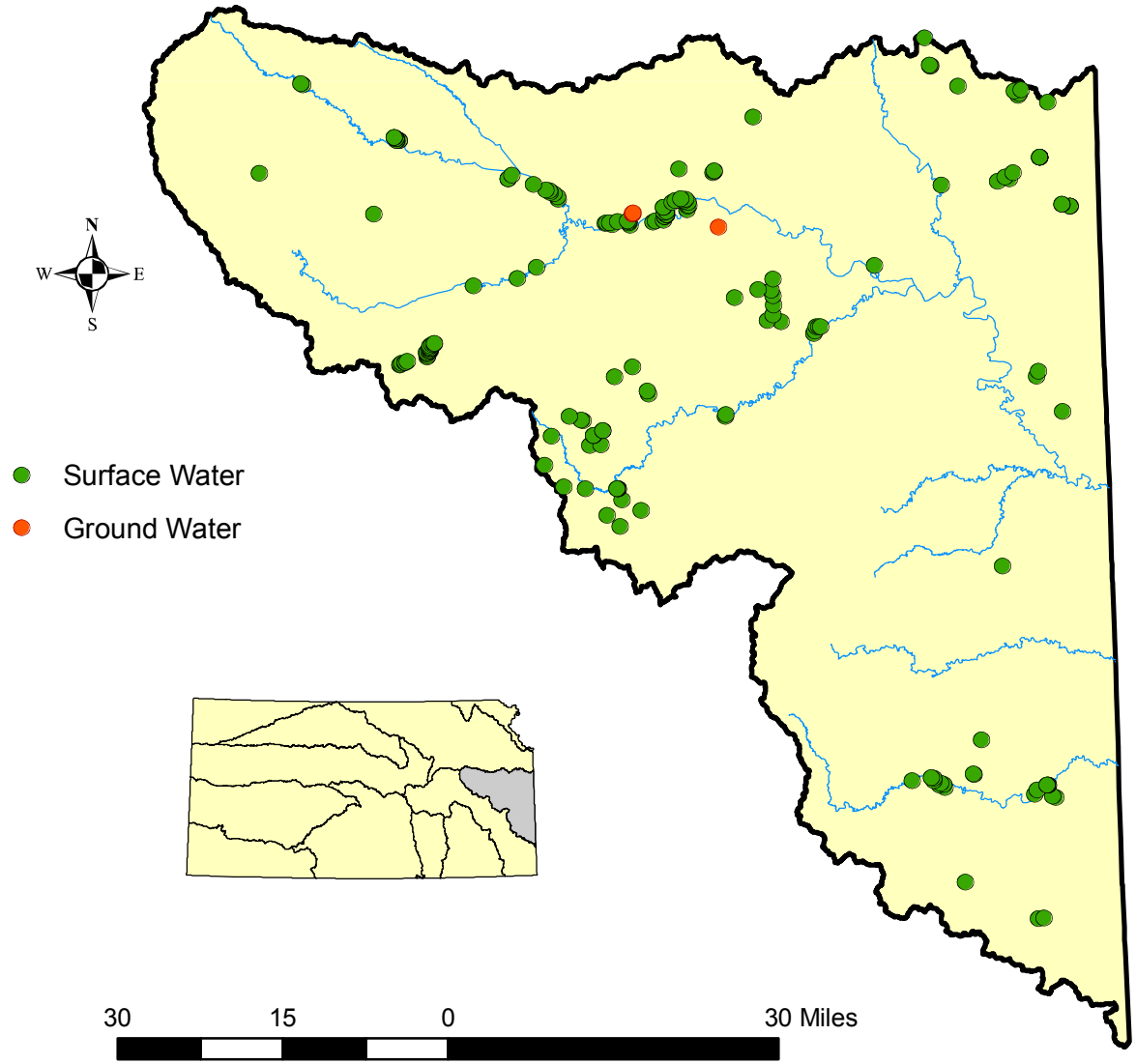
30 15 0 30 Miles

Kansas Water Office May 2008

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

# Marais des Cygnes Basin

## Irrigation Points of Diversion

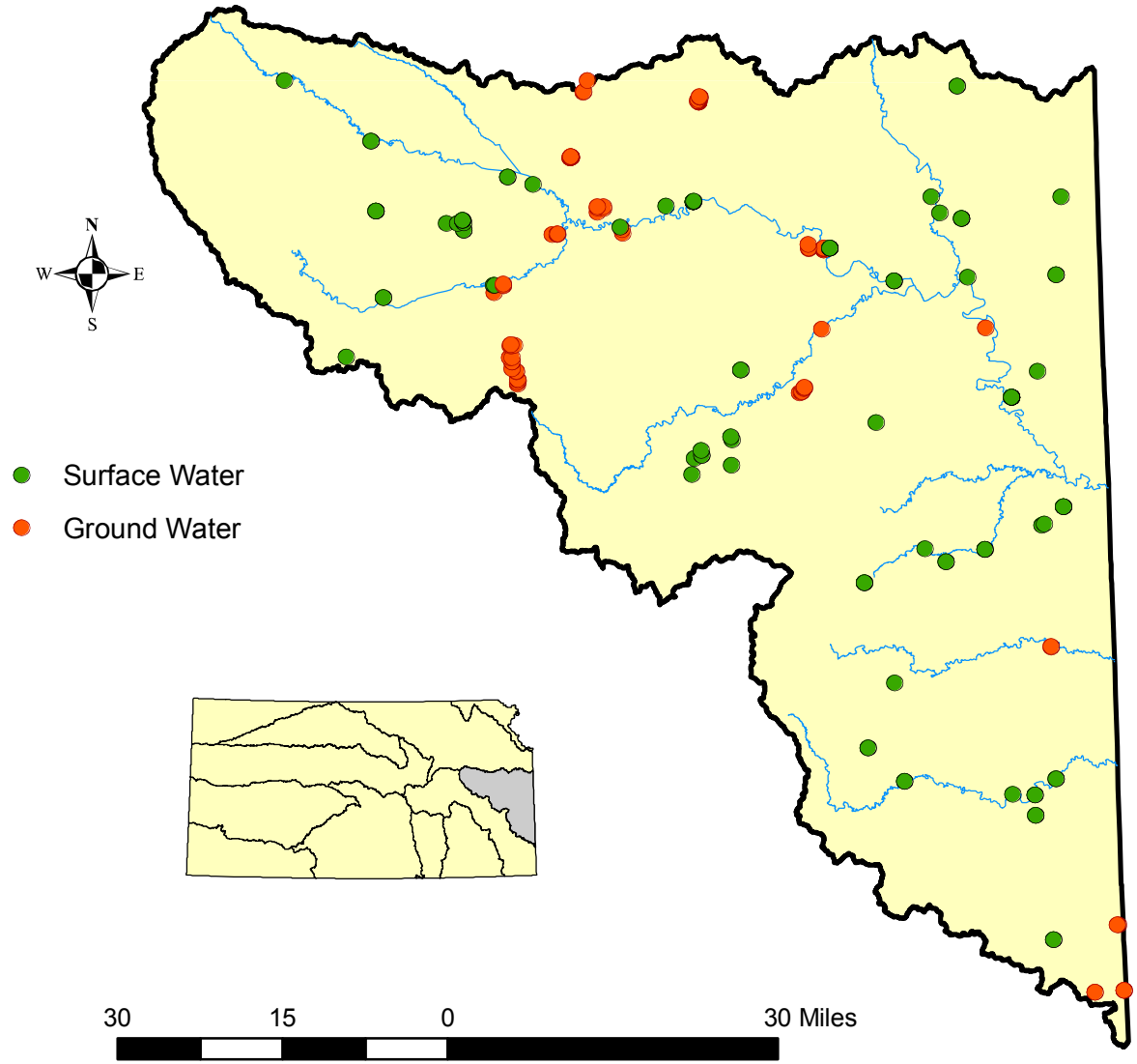



Data Source: Kansas Department of Agriculture, November 2008

Prepared for Kansas Water Plan 2008

# Marais des Cygnes Basin

## Municipal Points of Diversion

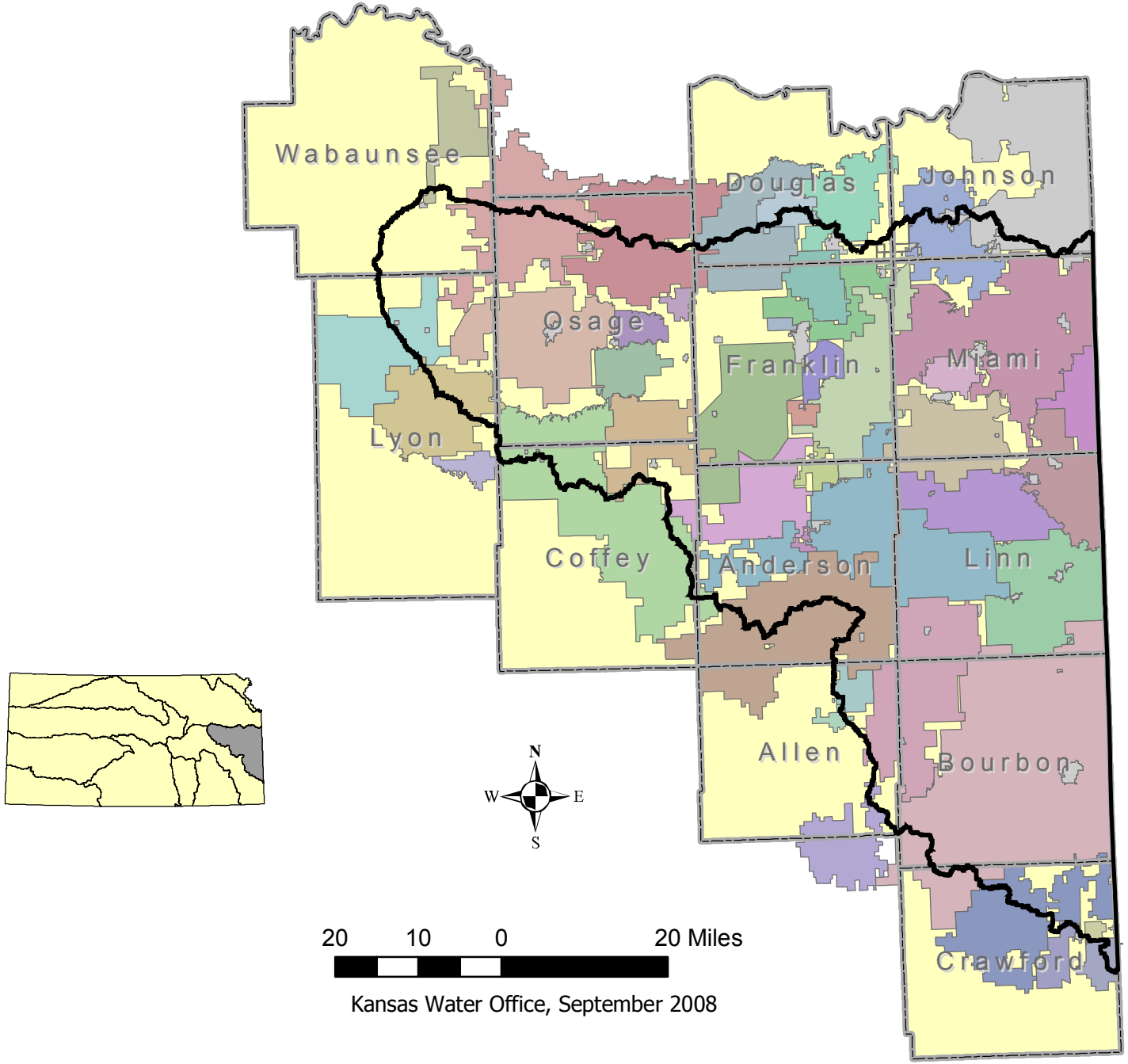



Data Source: Kansas Department of Agriculture, November 2008

Prepared for Kansas Water Plan 2008

# Marais des Cygnes Basin

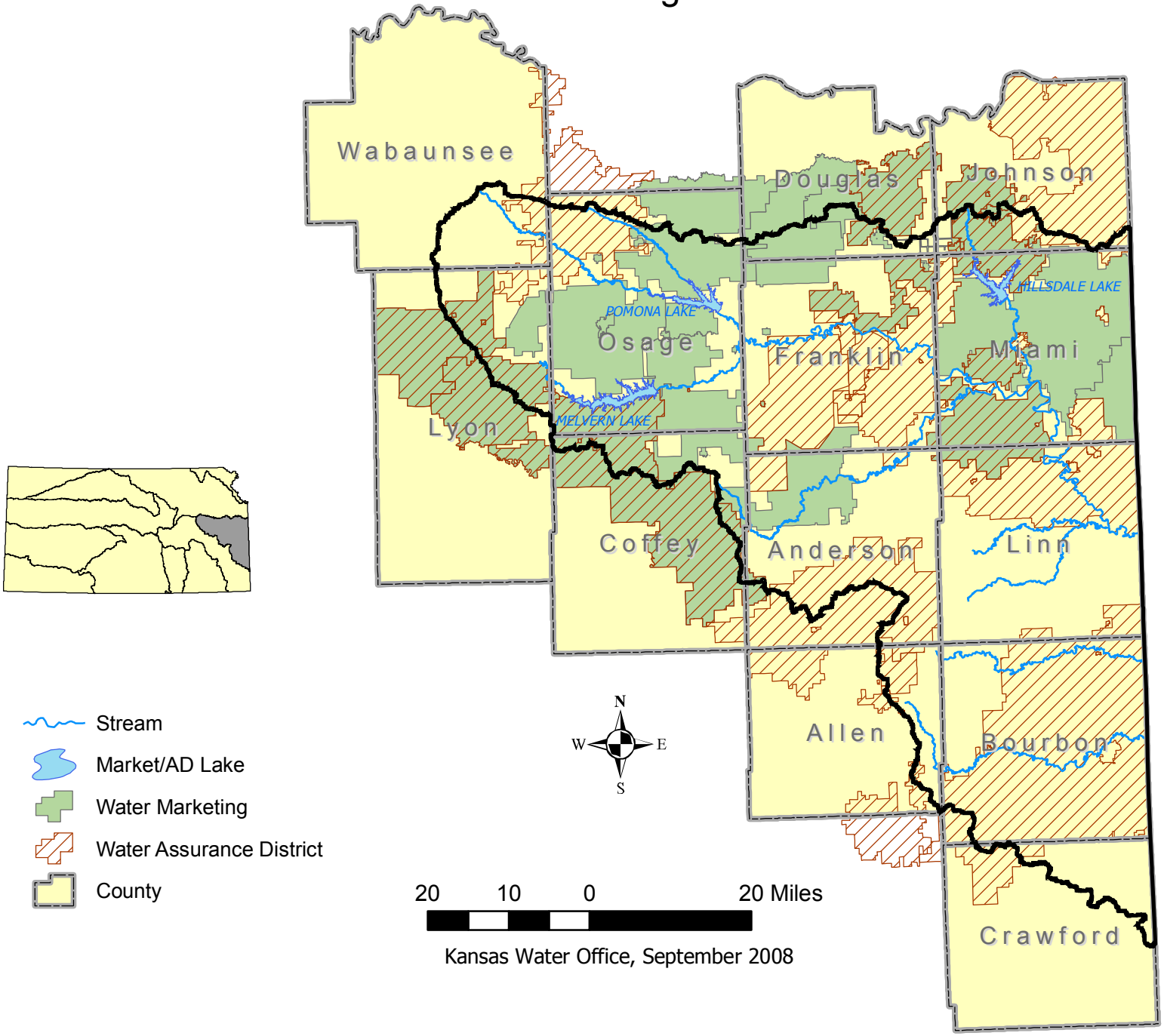
## Public Water Suppliers




Kansas Water Office, September 2008

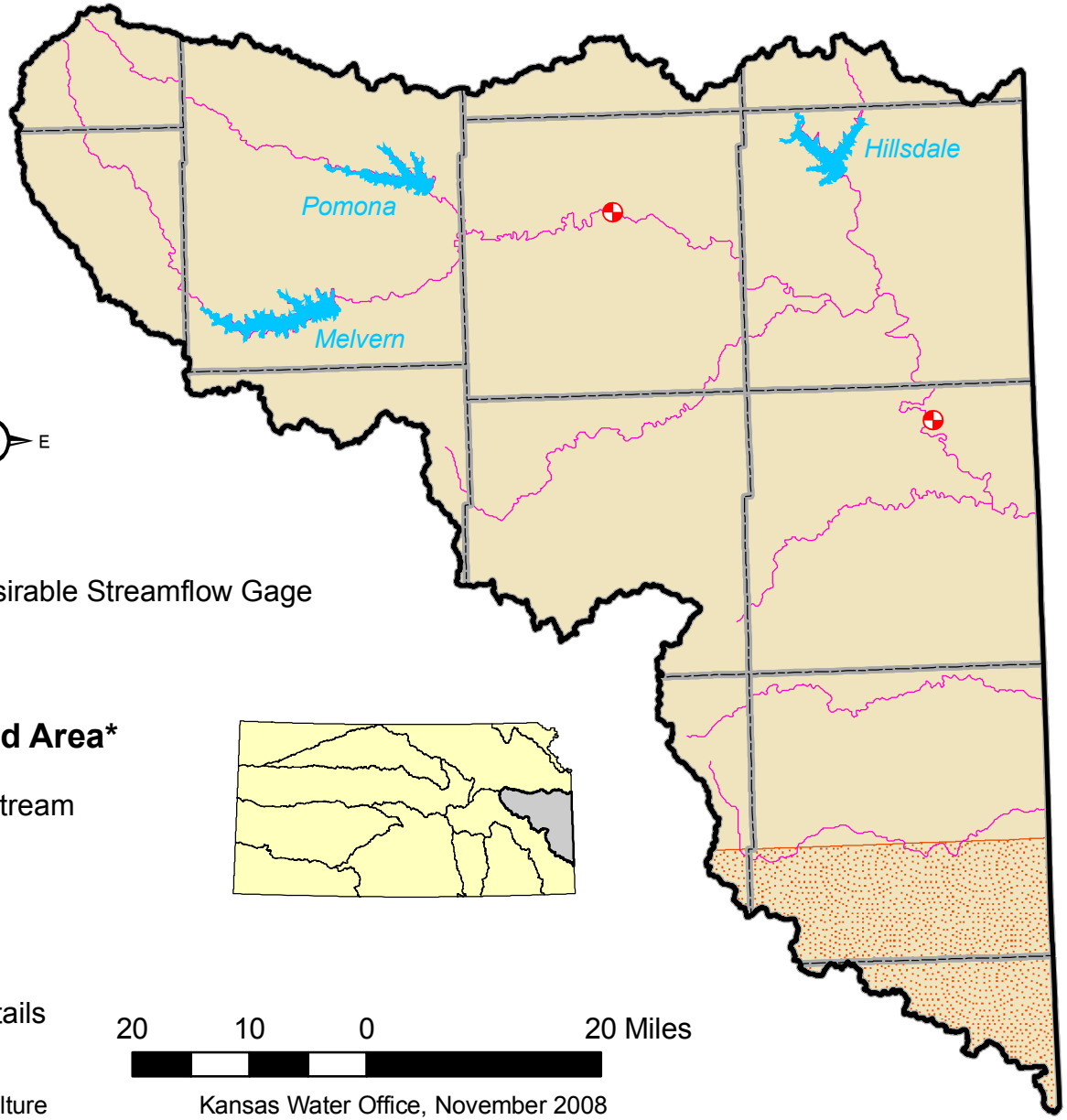
# Marais des Cygnes Basin

## Federal Lake Storage Customers




Kansas Water Office, September 2008

# Marais des Cygnes Basin
## Water Management




Minimum Desirable Streamflow Gage

**Closed or Restricted Area***

Restricted Stream

Closed



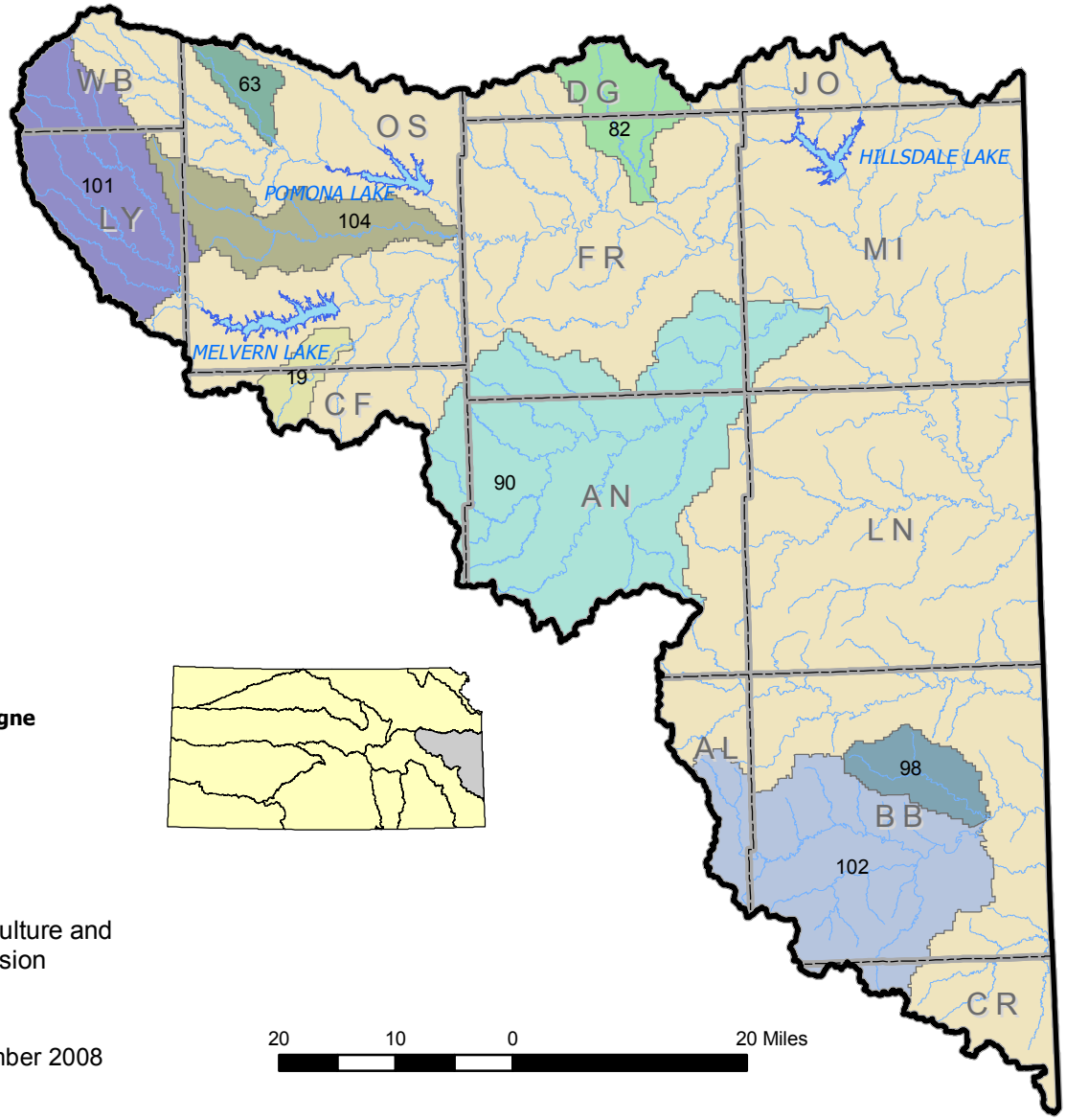
* See Regulation for details

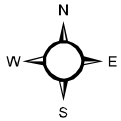
20 10 0 20 Miles

Source:
Kansas Department of Agriculture

Kansas Water Office, November 2008

# Marais des Cygnes Basin
## Watershed Districts



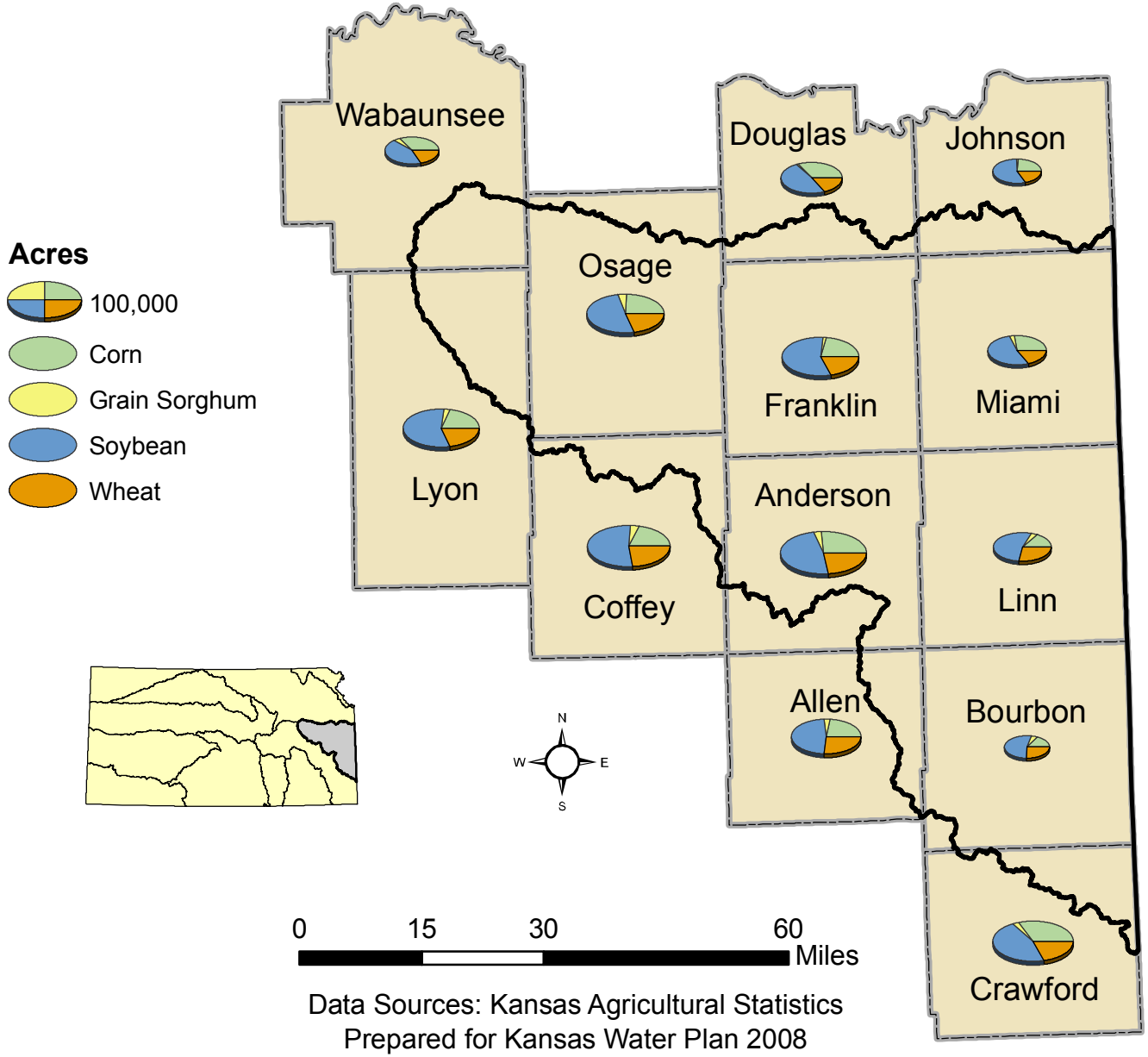

| ID | Name |
|---|---|
| 19 | Frog Creek |
| 63 | Switzler Creek |
| 82 | Tauy Creek |
| 90 | Pottawatomie Creek |
| 98 | Mill Creek |
| 101 | Upper Marais des Cygne |
| 102 | Upper Marmaton |
| 104 | Salt Creek |

Source:
Kansas Department of Agriculture and
State Conservation Commission

Kansas Water Office, November 2008

# Marais des Cygnes Basin

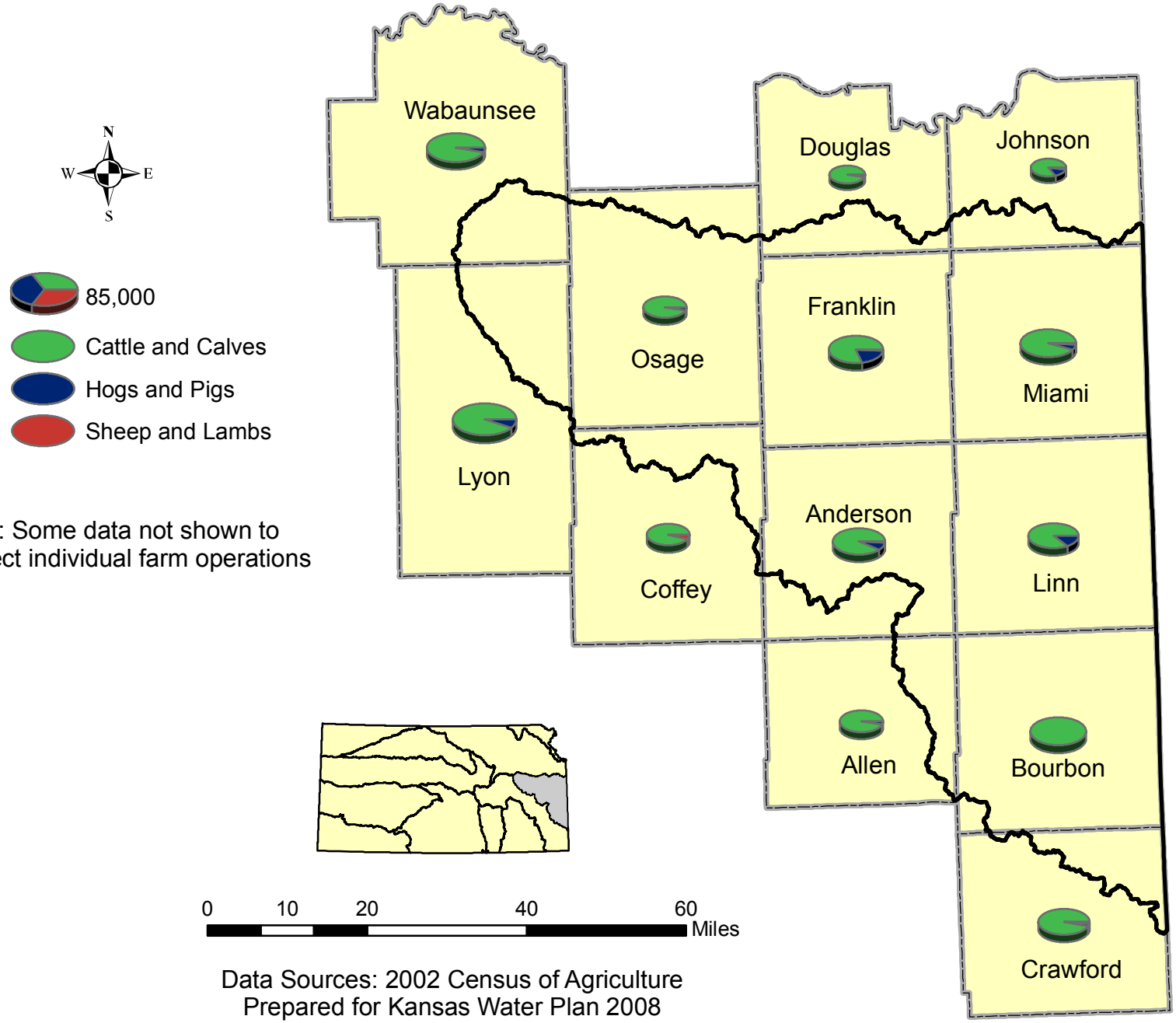
## 2007 Harvested Crop Inventory by County




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

# Marais des Cygnes 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