

# Habitat Model for Species: Hooded Merganser

Alpha Code: HOME Status: Resident

[Distribution Map](#)

[Habitat Map](#)

## Landcover Category

### **0 - Comments**

Zicus, 1990

Morse et al., 1969

Soulliere and Rusch, 1996

Doty, 1984

[KS GAP] Map 30 m edge of habitats 1, 2, 3, 10, 36, 50, and 55 if adjacent to 31, 32, 33, 39, or 82. Map habitats 31, 32, 33, 39, and 82 if adjacent to any woodland or forest (1-11, 50, 51, or 55).

### **Habitat Restrictions**

### **Comments**

Used nest boxes placed in trees along the shoreline of basins in an aspen forest. Open-water ponds supporting little vegetation predominated the wetland types.

In Oregon, oxbow lakes, sloughs, and meandering streams bordered by trees were the breeding habitats. Most nests were within 60 feet of water.

Used wood duck boxes in WI. nested in wood duck boxes. Brood habitat included shallow water James River impoundments.

### **01 - Maple-Basswood Forest**

Bellrose, 1976

Dugger et al., 1994

[KS GAP] 30 m edge adjacent to selected marshes or water.

along wooded streams and lakes. 30 m edge next to water.

30m edge next to water.

### **02 - Oak-Hickory Forest**

Bellrose, 1976

Dugger et al., 1994

[KS GAP] 30 m edge adjacent to selected marshes or water.

along wooded streams and lakes. 30 m edge next to water.

30m edge next to water.

### **03 - Post Oak-Blackjack Oak Forest**

Bellrose, 1976

Dugger et al., 1994

[KS GAP] 30 m edge adjacent to selected marshes or water.

along wooded streams and lakes. 30 m edge next to water.

30m edge next to water.

### **04 - Pecan Floodplain Forest**

Bellrose, 1976

Dugger et al., 1994

### **05 - Ash-Elm-Hackberry Floodplain Forest**

Bellrose, 1976

Dugger et al., 1994

### **06 - Cottonwood Floodplain Forest**

Bellrose, 1976

Dugger et al., 1994

### **07 - Mixed Oak Floodplain**

Bellrose, 1976

Dugger et al., 1994

### **08 - Bur Oak Floodplain Woodland**

Bellrose, 1976

Dugger et al., 1994

### **09 - Mixed Oak Ravine**

Bellrose, 1976

Dugger et al., 1994

## **10 - Post Oak-Blackjack Oak**

### **Woodland**

Bellrose, 1976

Dugger et al., 1994

[KS GAP]

30 m edge adjacent to selected marshes or water.

along wooded streams and lakes. 30 m edge next to water.

30m edge next to water.

## **11 - Cottonwood Floodplain**

### **Woodland**

Bellrose, 1976

Dugger et al., 1994

## **14 - Willow Shrubland**

Dugger et al., 1994

## **15 - Buttonbush (Swamp)**

### **Shrubland**

Dugger et al., 1994

## **31 - Freshwater Marsh**

Dugger et al., 1994

[KS GAP]

Adjacent to forest or woodland.

## **32 - Bulrush Marsh**

Dugger et al., 1994

[KS GAP]

Adjacent to forest or woodland.

## **33 - Cattail Marsh**

Dugger et al., 1994

[KS GAP]

Adjacent to forest or woodland.

## **36 - Cottonwood Savanna - not**

### **mapped**

Bellrose, 1976

Dugger et al., 1994

along wooded streams and lakes. 30 m edge next to water.

## **39 - Pondweed Aquatic**

### **Wetland - not mapped**

Dugger et al., 1994

## **50 - Deciduous Forest-Mined**

### **Land**

Bellrose, 1976

Dugger et al., 1994

[KS GAP]

30 m edge adjacent to selected marshes or water.

along wooded streams and lakes. 30 m edge next to water.

30m edge next to water.

## **51 - Maple Floodplain Forest**

Bellrose, 1976

Dugger et al., 1994

## **55 - Deciduous Woodland**

Bellrose, 1976

Dugger et al., 1994

[KS GAP]

30 m edge adjacent to selected marshes or water.

along wooded streams and lakes. 30 m edge next to water.

30m edge next to water.

## **82 - Water (Lake)**

Kitchen and Hunt, 1969

Dugger et al., 1994

[KS GAP]

Adjacent to forest or woodland.

occupied only 1 in 40 lakes and marshes.

## **82 - Water (River)**

Kitchen and Hunt, 1969

Broods preferred heavily wooded rivers, followed by brushy, wooded river and marshy rivers last. Broods were found more common on areas with 20% or more of cobbled bottom.

Dugger et al., 1994  
[KS GAP]

Adjacent to forest or woodland.

## **90 - Riverine Sand Flats and**

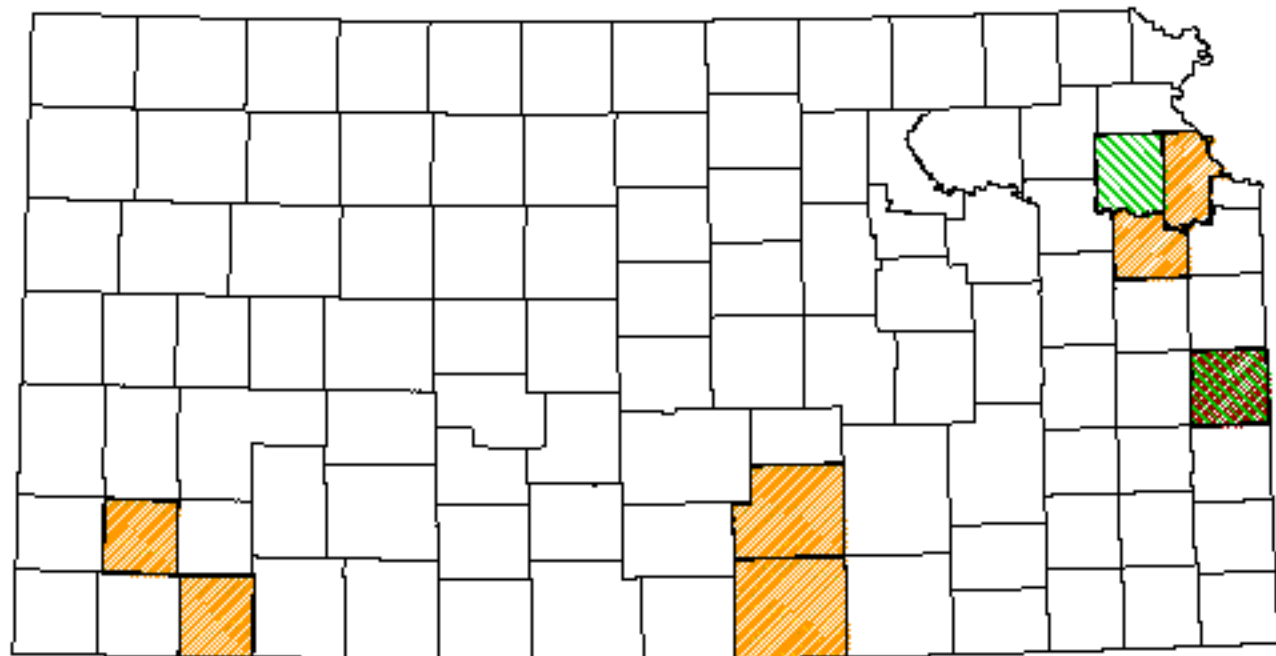
### **Bars - not mapped**

Dugger et al., 1994

#### Reference List


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2. Doty, H. A. 1984. Wood Duck and Hooded Merganser nesting on Arrowwood NWR, North Dakota. *Journal of Wildlife Management* 48(2):577-580.
3. Dugger, B. D., K. M. Dugger, and L. H. Frederickson. 1994. Hooded Merganser. A. Poole and F. Gill, editors. *The Birds of North America*. No. 98. The American Ornithologists' Union and The Academy of Natural Sciences, Philadelphia, Pennsylvania, USA.
4. Kitchen, D. W. and G. S. Hunt. 1969. Brood habitat of the Hooded Merganser. *Journal of Wildlife Management* 33(3):605-609.
5. Morse, T. E., J. L. Jakabosky, and V. P. McCrow. 1969. Some aspects of the breeding biology of the Hooded Merganser. *Journal of Wildlife Management* 33(3):596-604.
6. Soulliere, G. J. and T. P. Rusch. 1996. Nesting characteristics of Hooded Mergansers, Wood Duck, European Starlings and Tree Swallows in Wisconsin. *Journal of Field Ornithology* 67(1):100-104.
7. Zicus, M. C. 1990. Nesting biology of Hooded Mergansers using nest boxes. *Journal of Wildlife Management* 54(4):637-643.

# Hooded Merganser




## Kansas Breeding Bird Atlas


 Confirmed Breeding

 Probable Breeding

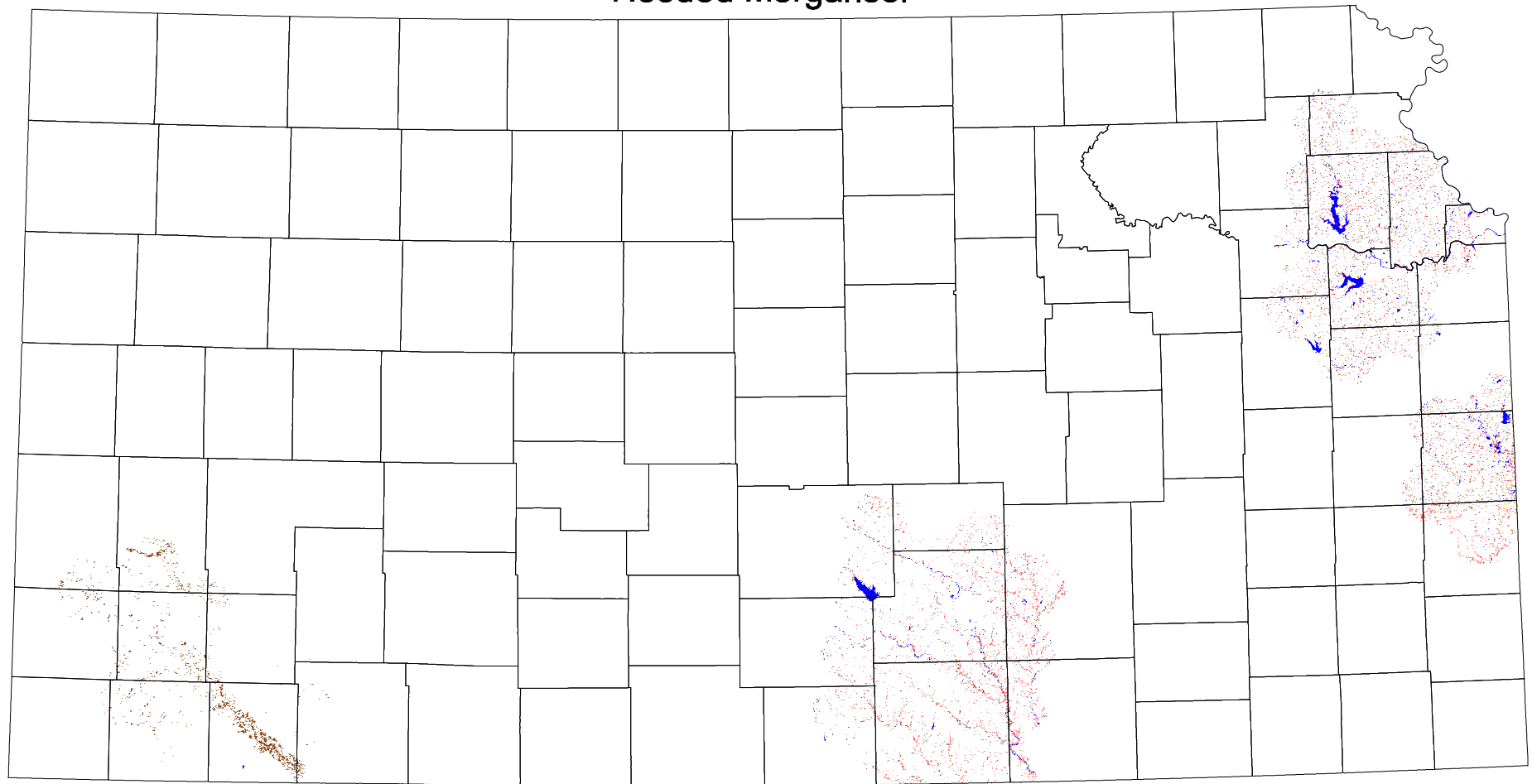
 Possible Breeding

 Breeding Bird Survey

 Birds of Kansas,  
Horned Lark

 Range from Johnsgard, 1982  
*The Birds of Nebraska*

# Hooded Merganser



\* 30 m edge if adjacent to mapped herbaceous wetlands or water  
 \*\* if adjacent to any forest or woodland