

Habitat Model for Species: **Wood Duck**
Alpha Code: **WODU** Status: **Resident**

[Distribution Map](#)
[Habitat Map](#)

Landcover Category

0 - Comments

[KS GAP]

Habitat Restrictions

1. Select 4-8,11,14,15 and 51.
2. Select 1-3,9,10 and 50 if w/in 1600 m of 15,31-33,70, or 82.
3. Map 30 m edge of 82 if w/in 1600 m of step #1 or step #2.
4. Map 30-33, and 70 if w/in 1600 m of step #1 or step #2.

[Reviewer]

Kraft, 1977
Cottrell et al., 1990

Burns and Dahlgren, 1983
Ridlehuber et al., 1990
Haramis, 1990
Ladd, 1990
Smith and Flake, 1985

Sousa and Farmer, 1983
Soulliere and Rusch, 1996
Dugger and Frederickson, 1992will nest > 1 km from water when necessary.

01 - Maple-Basswood Forest

Bellrose and Holm, 1994Map if within 1.6 km of water (82), seasonal or semipermanent wetland (15, 31, 32, 33, 70).

02 - Oak-Hickory Forest

Bellrose and Holm, 1994Map if within 1.6 km of water (82), seasonal or semipermanent wetland (15, 31, 32, 33, 70).

03 - Post Oak-Blackjack Oak Forest

Bellrose and Holm, 1994Map if within 1.6 km of water (82), seasonal or semipermanent wetland (15, 31, 32, 33, 70).

04 - Pecan Floodplain Forest

Bellrose and Holm, 1994
Bellrose, 1976
Hepp and Bellrose, 1995

05 - Ash-Elm-Hackberry Floodplain Forest

Granfors, 1999
Coughlin and Higgins, 1994
Bellrose and Holm, 1994
Bellrose, 1976
Hepp and Bellrose, 1995

06 - Cottonwood Floodplain Forest

Coughlin and Higgins, 1994
Bellrose and Holm, 1994
Williams, 1980
McGilvrey, 1968
Bellrose, 1976
Hepp and Bellrose, 1995

07 - Mixed Oak Floodplain

Bellrose and Holm, 1994
Bellrose, 1976

Comments

Kraft: personal comm.; Wood ducks occupy quiet waters with overhead cover and emergent vegetation. Locational survey data on selected streams. Increased amounts of wooded shoreline, fallen trees, and aquatic vegetation were the most important habitat features distinguishing between high-use and low-use river segments for Class I ducklings. nested in flooded dead trees of a large reservoir.

review of the literature.
documentation of distribution and abundance
No upland wetlands (not associated with the river) were used.
literature review, mainly from McGilvrey
use of nest boxes.
general habitat descriptions

08 - Bur Oak Floodplain

Woodland

Bellrose and Holm, 1994
Bellrose, 1976
Hepp and Bellrose, 1995

09 - Mixed Oak Ravine

Bellrose and Holm, 1994 Map if within 1.6 km of water (82), seasonal or semipermanent wetland (15, 31, 32, 33, 70).

Hepp and Bellrose, 1995

10 - Post Oak-Blackjack Oak

Woodland

Bellrose and Holm, 1994 Map if within 1.6 km of water (82), seasonal or semipermanent wetland (15, 31, 32, 33, 70).

11 - Cottonwood Floodplain

Woodland

Coughlin and Higgins, 1994
Bellrose and Holm, 1994
Williams, 1980
McGilvrey, 1968
Bellrose, 1976
Hepp and Bellrose, 1995

14 - Willow Shrubland

Bellrose and Holm, 1994
Williams, 1980
Bellrose, 1976
Hepp and Bellrose, 1995

15 - Buttonbush (Swamp)

Shrubland

Bellrose and Holm, 1994
McGilvrey, 1968
Bellrose, 1976
Hepp and Bellrose, 1995

30 - Low or Wet Prairie

[KS GAP] Within 1.6 km of selected restricted upland forests (1,2,3,9,10,50), floodplain forests, woodlands, or shrublands
Granfors, 1999 within floodplain, but not in cropland.
Bellrose and Holm, 1994 Map if adjacent to any hardwood trees.
McGilvrey, 1968 Near trees

31 - Freshwater Marsh

[KS GAP] Within 1.6 km of selected restricted upland forests (1,2,3,9,10,50), floodplain forests, woodlands, or shrublands
Granfors, 1999 within floodplain, but not in cropland.
Bellrose and Holm, 1994 Map if adjacent to any hardwood trees.
McGilvrey, 1968 Near trees
Smith and Flake, 1985 oxbows
Hepp and Bellrose, 1995

32 - Bulrush Marsh

[KS GAP] Within 1.6 km of selected restricted upland forests (1,2,3,9,10,50), floodplain forests, woodlands, or shrublands
Granfors, 1999 within floodplain, but not in cropland.
Bellrose and Holm, 1994 Map if adjacent to any hardwood trees.
Smith and Flake, 1985 oxbows

33 - Cattail Marsh

[KS GAP] Within 1.6 km of selected restricted upland forests
(1,2,3,9,10,50), floodplain forests, woodlands, or shrublands
Granfors, 1999 within floodplain, but not in cropland.
Bellrose and Holm, 1994 Map if adjacent to any hardwood trees.
McGilvrey, 1968 Near trees
Smith and Flake, 1985 oxbows
Hepp and Bellrose, 1995

36 - Cottonwood Savanna - not mapped

Hepp and Bellrose, 1995

39 - Pondweed Aquatic Wetland - not mapped

Bellrose and Holm, 1994 Map if adjacent to any hardwood trees.
Hepp and Bellrose, 1995

50 - Deciduous Forest-Mined Land

Bellrose and Holm, 1994 Map if within 1.6 km of water (82), seasonal or semipermanent wetland (15, 31, 32, 33, 70).
McGilvrey, 1968

51 - Maple Floodplain Forest

Bellrose and Holm, 1994
McGilvrey, 1968
Bellrose, 1976

70 - Weedy Marsh

[KS GAP] Within 1.6 km of selected restricted upland forests
(1,2,3,9,10,50), floodplain forests, woodlands, or shrublands
Bellrose and Holm, 1994 Map if adjacent to any hardwood trees.
McGilvrey, 1968 Near trees
Smith and Flake, 1985 oxbows

82 - Water (Lake)

Bellrose and Holm, 1994 30 m edge of water (82) within 1.6 km of selected restricted upland forests (1,2,3,9,10,50), floodplain forests, woodlands, or shrublands (4-8,11,14,15,51)

82 - Water (River)

[KS GAP] 30 m edge of water (82) within 1.6 km of selected restricted upland forests (1,2,3,9,10,50), floodplain forests, woodlands, or shrublands (4-8,11,14,15,51)

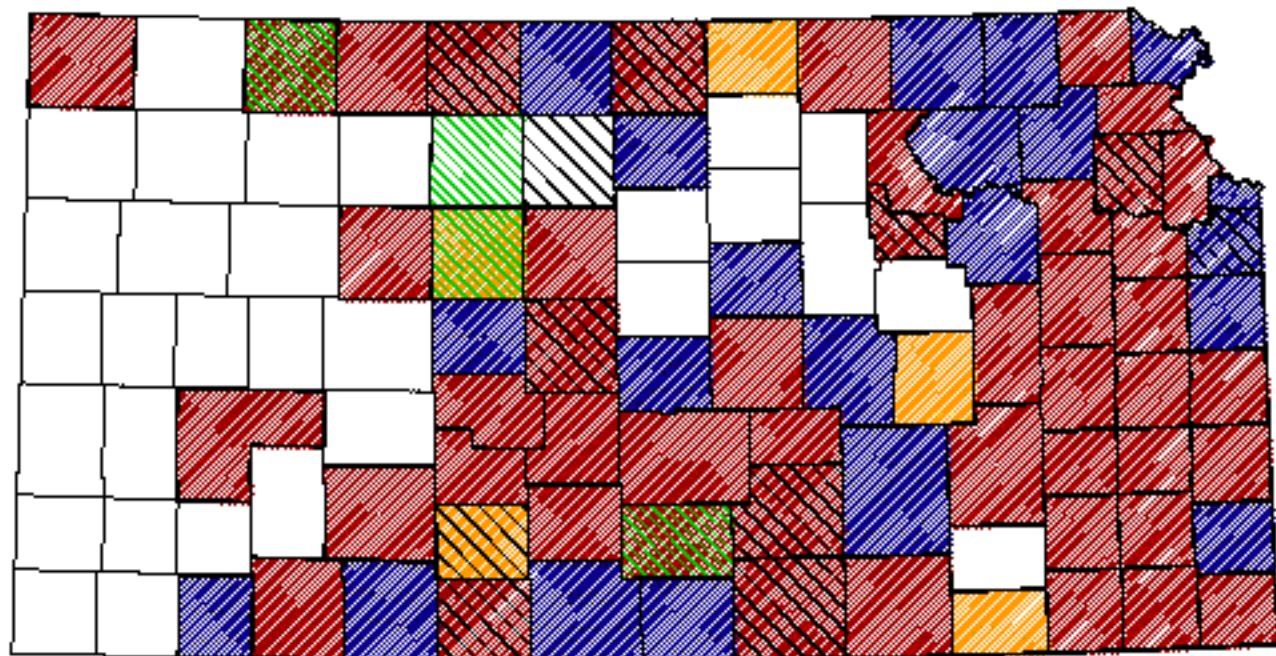
Granfors, 1999
Cottrell et al., 1990 areas with aquatic or emergents vegetation are
Smith and Flake, 1985
Hepp and Bellrose, 1995

Reference List

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3. Burns, T. L. and R. B. Dahlgren. 1983. Breeding bird use of flooded dead trees in Rathbun Reservoir Iowa. Pages 99-101 in Snag habitat management: proceedings of the symposium. General Technical Report RM-99. U.S. Forest Service, Fort Collins, Colorado, USA.
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Wood Duck




Kansas Breeding Bird Atlas

 Confirmed Breeding

 Probable Breeding

 Possible Breeding

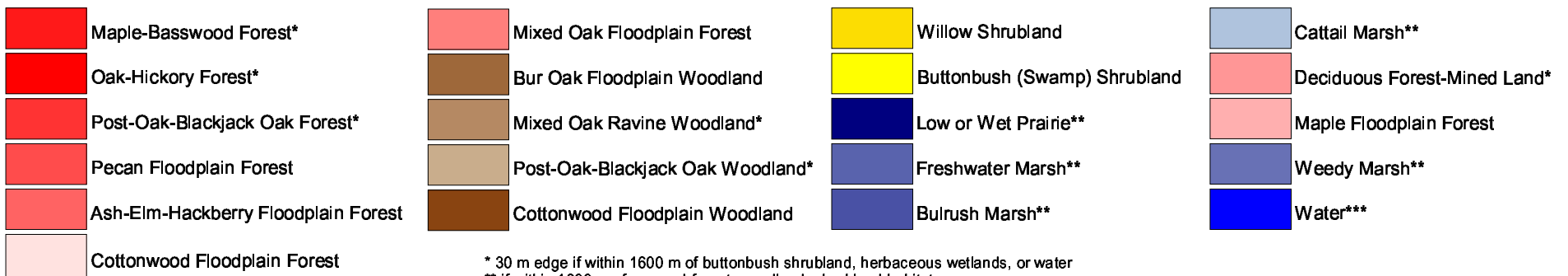
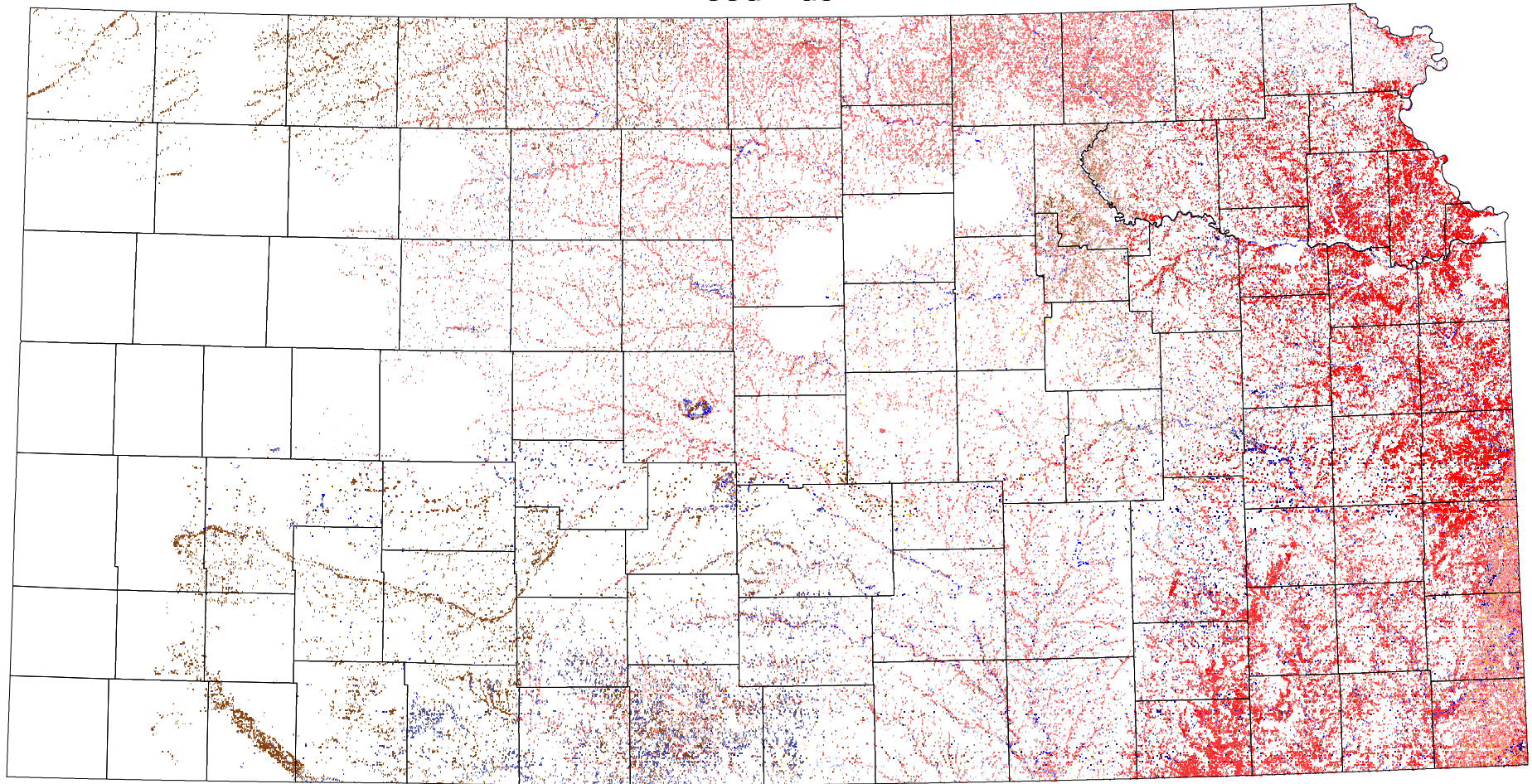
 Breeding Bird Survey

 Birds of Kansas,
Horned Lark

 Range from Johnsgard, 1888
The Birds of Nebraska

All shaded counties will be included in the distribution of the species.

Wood Duck



* 30 m edge if within 1600 m of buttonbush shrubland, herbaceous wetlands, or water

** if within 1600 m of mapped forest, woodland, shrubland habitats

*** 30 m edge if within 1600 m of mapped forest, woodland, shrubland habitats