

# Habitat Model for Species: **Western Grebe**

Alpha Code: **WEGR** Status: **Breeding**

[Distribution Map](#)

[Habitat Map](#)

## Landcover Category

### **0 - Comments**

[KS GAP]

### Habitat Restrictions

Map water > 20 ha. and adjacent marshes.

### Comments

### **31 - Freshwater Marsh**

[KS GAP]

Adjacent to > 20 ha water body.

Storer and Nuechterlein, 1992 Open water at least several square kilometers and water depth over 25cm.

Short, 1984 Water body must be 20 ha in size with 70% open water.

Stewart, 1975 Must border ponds that are at least 50 acres.

Nero et al., 1958

Dinsmore et al., 1984

Lindvall, 1982

Becker, 1997

### **32 - Bulrush Marsh**

[KS GAP]

Adjacent to > 20 ha water body.

Storer and Nuechterlein, 1992 Open water at least several square kilometers and water depth over 25cm.

Short, 1984 Water body must be 20 ha in size with 70% open water.

Stewart, 1975

Nero et al., 1958

Nuechterlein, 1975

Water depth at least 25-30cm.

Dinsmore et al., 1984

Becker, 1997

### **33 - Cattail Marsh**

[KS GAP]

Adjacent to > 20 ha water body.

Storer and Nuechterlein, 1992 Open water at least several square kilometers and water depth over 25cm.

Short, 1984 Water body must be 20 ha in size with 70% open water.

Stewart, 1975 Must border ponds or lakes that are at least 50 acres.

Nero et al., 1958

Nuechterlein, 1975

Water depth at least 25-30cm.

Dinsmore et al., 1984

Lindvall, 1982

Becker, 1997

Hands, 1995

### **38 - Forb Playa Lake**

Storer and Nuechterlein, 1992 Open water at least several square kilometers and water depth over 25cm.

Stewart, 1975 Lake must be at least 50 acres.

Dinsmore et al., 1984

Becker, 1997

### **39 - Pondweed Aquatic**

#### **Wetland - not mapped**

Storer and Nuechterlein, 1992 Open water at least several square kilometers and water depth over 25cm.

Short, 1984 Water body must be 20 ha in size with 70% open water.

Stewart, 1975 Lakes must be at least 50 acres.

Nuechterlein, 1975

Water depth at least 25-30cm.

Dinsmore et al., 1984

Lindvall, 1982

Becker, 1997

## **70 - Weedy Marsh**

[KS GAP]

Adjacent to > 20 ha water body.

Storer and Nuechterlein, 1992 Open water at least several square kilometers and water depth over 25cm. Only occurring as a lake margin.

Short, 1984 Water body must be 20 ha in size with 70% open water.

Stewart, 1975 Must border lakes that are at least 50 acres.

Nero et al., 1958

Dinsmore et al., 1984

Lindvall, 1982

Becker, 1997

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

[KS GAP]

> 20 ha.

Storer and Nuechterlein, 1992 Open water at least several square kilometers and water depth over 25cm.

Short, 1984 Water body must be 20 ha in size with 70% open water.

Stewart, 1975 Lake must be at least 50 acres.

Dinsmore et al., 1984

Lindvall, 1982

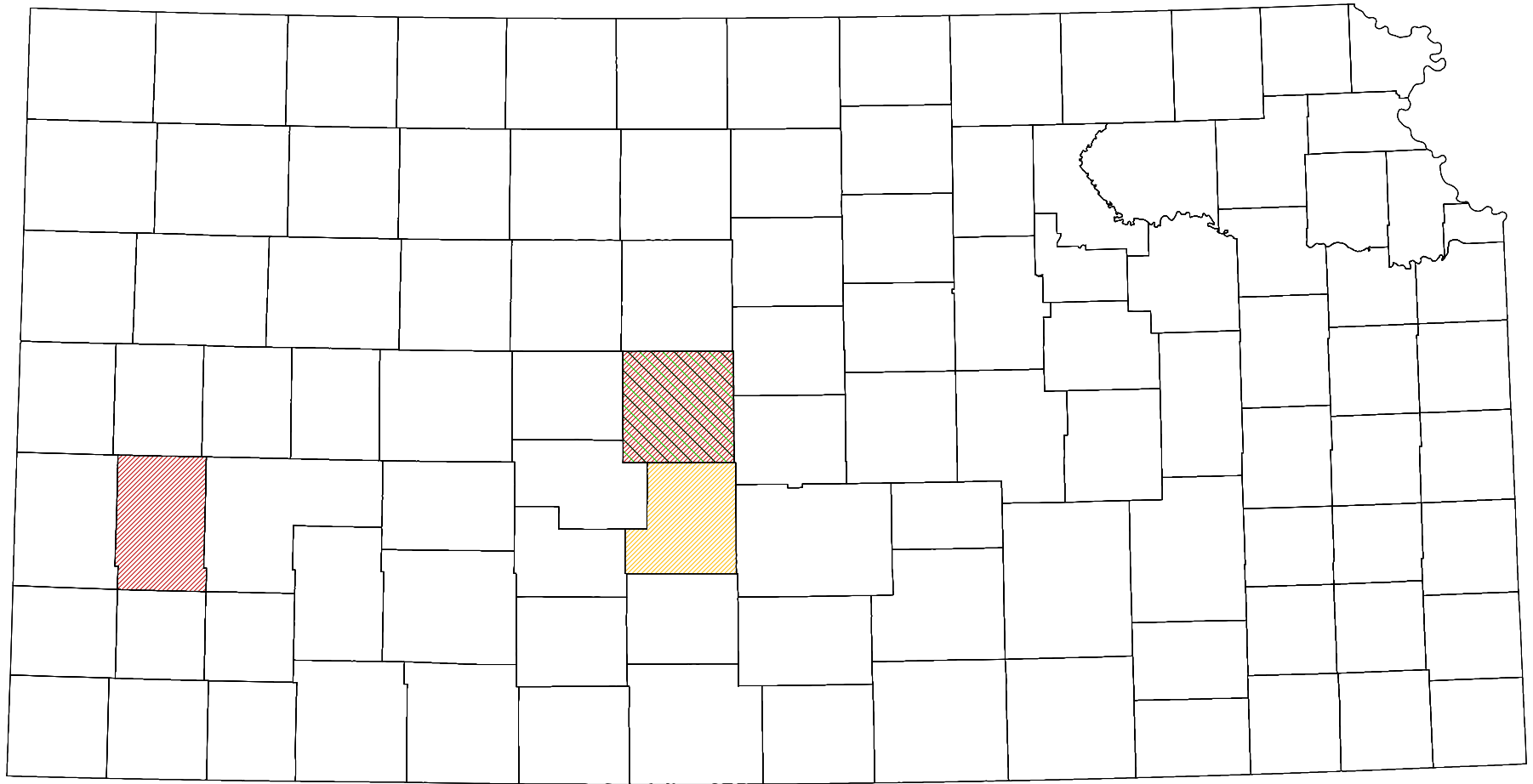
Becker, 1997

Hands, 1995

### Reference List

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3. Hands, H. 1995. Western Grebes nesting at Cheyenne Bottoms Wildlife Area. *Kansas Ornithological Society Bulletin* 46(2):24.
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5. Nero, R. W., F. W. Lahrman, and F. G. Bard. 1958. Dry-land nest-site of a Western Grebe colony. *Auk* 75(3):347-349.
6. Nuechterlein, G. L. 1975. Social behavior and colony site selection by Western Grebes. *Research Reports. National Geographic Society* :529-535.
7. Short, H. L. 1984. Habitat suitability index models: Western Grebe. *Biological Report* 82(10.69). U. S. Department of the Interior, Fish and Wildlife Service, Washington, D.C., USA.
8. Stewart, R. E. 1975. *Breeding birds of North Dakota*. Harrison Smith, Lund Press, Minneapolis, Minnesota, USA.
9. Storer, R. W. and G. L. Nuechterlein. 1992. Western Grebe and Clark's Grebe. A. Poole, P. Stettenheim, and F. Gill, editors. *The Birds of North America*. no. 26. The American Ornithologists' Union and The Academy of Natural Sciences, Philadelphia, Pennsylvania, USA.

# Western Grebe



## Kansas Breeding Bird Atlas

 **Confirmed Breeding**

 **Probable Breeding**

 **Possible Breeding**

 **Breeding Bird Survey**

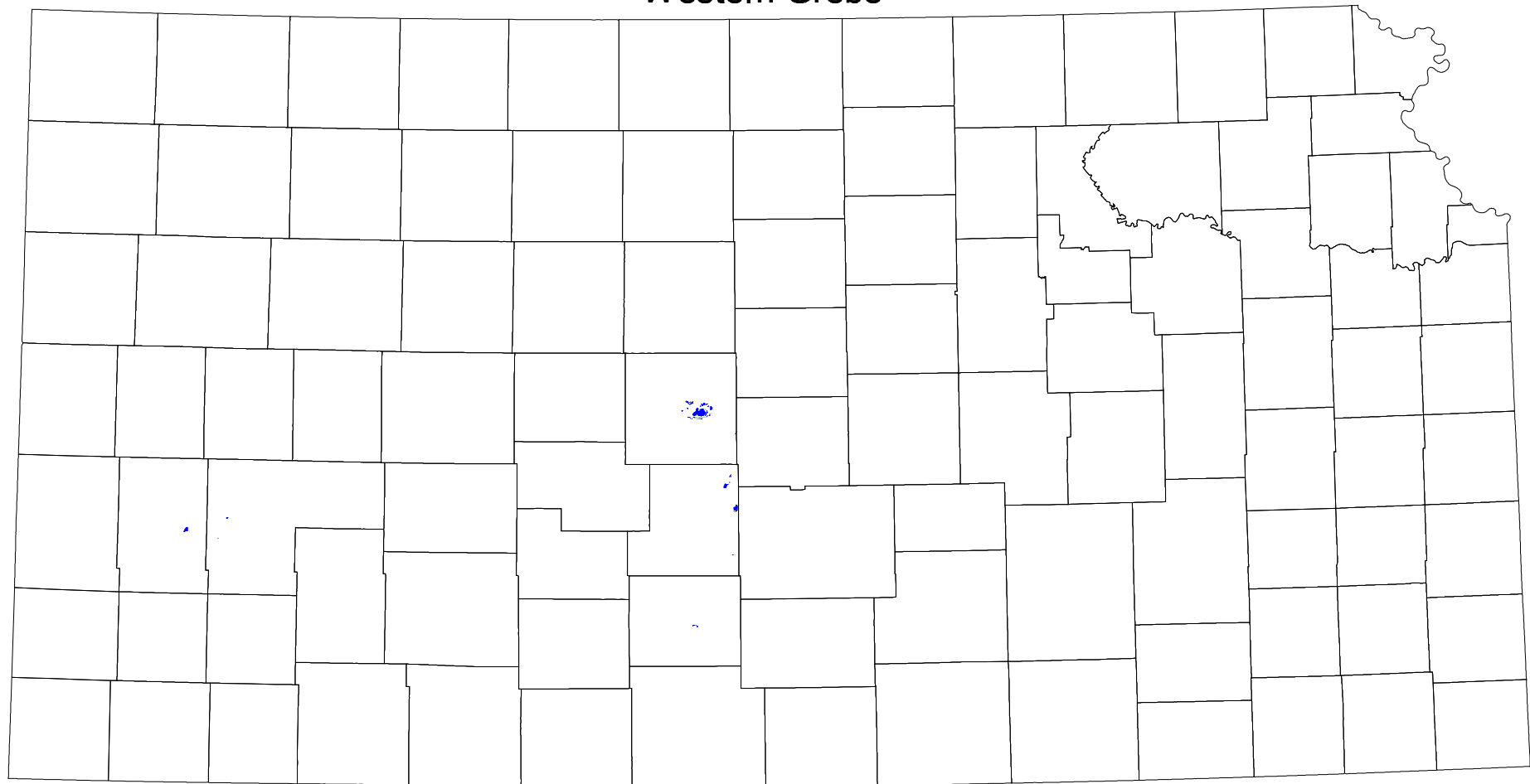
 *Birds of Kansas,  
Horned Lark*

 **Range from Johnsgard, 1998**  
*The Birds of Nebraska*

Habitat

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

# Western Grebe



\* if adjacent to >20 ha. water body

\*\* >20 ha.