Audubon County, Iowa

**Surficial Geology of Audubon County, Iowa**

Iowa Geological and Water Survey
Open File Map 08WF-2.9-8
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Stephanie Tourret-Sitone, Jason Giguère, Delisha Quirk, and E. Arthur Hicks, III

Iowa Geological and Water Survey, Iowa City, Iowa

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**INTRODUCTION**

Surficial deposits of the map area are composed of four Quaternary geologic units that were associated with major glacial events in the central United States. These deposits are the Wisconsin, the Early Phase High Terrace, the Peoria Formation, and the Loess. The Wisconsin and Early Phase High Terrace are associated with Wisconsin-aged glaciation and the Loess is associated with the Late Wisconsinan-aged glaciation. The Peoria Formation is a Late Wisconsinan-aged fluvio-lacustrine deposit that is associated with the central United States.

**LEGEND**

**CENOZOIC**

**QUATERNARY SYSTEM**

**SURFICIAL DEPOSITS**

**WISCONSINIAN Epoch**


**Peoria Epoch**


**Quaternary System**

- Loess

**Quaternary System**

- Loess

**Surface Features**

- Rivers, lakes, and small ponds formed by late Wisconsin-aged and early Wisconsin-aged meltwater drainage. Sandbars and islands are not shown in county-scale surveys and are identified in aerial surveys.

- Water Wells

**Correlation of Map Units**

- Alluvial Plains
- Glacial Drift
- Glacial Lake
- Wisconsin
- Holocene
- Pleistocene

**Map Location**

- Digital Quaternary surficial geologic map of Audubon County, Iowa.

**References**