

Geographic Sections (PLSS), Black Hawk County Iowa

Metadata also available as

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Identification_Information:

Citation:

Citation_Information:

Originator: Black Hawk County

Publication_Date: Unpublished Material

Title: Geographic Sections (PLSS), Black Hawk County Iowa

Geospatial_Data_Presentation_Form: vector digital data

Publication_Information:

Publication_Place: Black Hawk Co. IA

Publisher: Black Hawk County

Online_Linkage: <<http://www.co.black-hawk.ia.us/depts/bhentry.htm>>

Description:

Abstract:

This polygon data set represents geographic sections and provides township, range and section numbers.

Purpose:

This data set is a component of this County's geographic information system.

Supplemental_Information:

Graphic features are a representation of reality. See recorded legal documents for more detailed information.

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 19990301

Ending_Date: Present

Currentness_Reference: ground condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As needed

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -92.559692

East_Bounding_Coordinate: -92.056796

North_Bounding_Coordinate: 42.646959

South_Bounding_Coordinate: 42.292062

Keywords:

Theme:

Theme_Keyword_Thesaurus: ISO 19115 Topic Category

Theme_Keyword: location

Place:

Place_Keyword_Thesaurus: none

Place_Keyword: Black Hawk County

Place_Keyword: Iowa

Stratum:

Temporal:

Access_Constraints:

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Use_Constraints:

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Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Black Hawk County Information Technology
Department

Contact_Address:

Address_Type: mailing and physical address

Address: 316 E. 5th Street

City: Waterloo

State_or_Province: IA

Postal_Code: 50703

Country: USA

Contact_Voice_Telephone: (319) 833-3154

Contact_Facsimile_Telephone: (319) 833-3165

Contact_Electronic_Mail_Address: kveeder@co.black-hawk.ia.us

Hours_of_Service: 8:00 AM - 4:30 PM

Contact_Instructions: Call, e-mail, or write with requests

Data_Set_Credit:

The Sidwell Company, 675 Sidwell Court, St. Charles IL 60174-3492 (630) 549-1065 ,
contracted service provider

Native_Data_Set_Environment:

Microsoft Windows 2000 Version 5.0 (Build 2195) Service Pack 4; ESRI ArcCatalog
9.1.0.780

Cross_Reference:

Citation_Information:

Originator: Black Hawk County

Title: Geographic Sections (PLSS) for Black Hawk County IA

Publication_Information:

Publication_Place: Black Hawk Co. IA

Publisher: Black Hawk County

Online_Linkage: <<http://www.co.black-hawk.ia.us/depts/bhentry.htm>>

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report:

Diazo proof plots were generated by the Sidwell Company. Staff from the Auditor's Office, Assessor's Office and Management Information Services verified the accuracy of attribute linkages between database and graphic elements.

Completeness_Report: Data set is complete.

Positional_Accuracy:

Horizontal_Positional_Accuracy:

Horizontal_Positional_Accuracy_Report:

Land features of this cadastral GIS are spatially referenced to the correct position on the ground through the use of digital orthophotos. The digital orthophotos were developed based on 179 measured ground control points. These measured points fall within +/- 0.05 meters in horizontal position, using a

95% confidence factor. All georeferenced entities carry an accuracy of +/- 0.05 m, using a 95% confidence factor, when measured against the assumed accuracy of the digital orthophotography from which it was created. These accuracies must be measured against the relative accuracies of the disparate source documents (recorded plats, tax roll descriptions and existing paper parcel maps) and the positional decisions that were made based on the preponderance of available evidence on a case by case basis. Users should be aware that even though the scale of digital data may be increased to overlay large scale digital maps, the accuracy of the digital source is not improved by scale enlargement. For a complete report regarding the establishment of geodetic control points for Black Hawk County, please contact either Geoffry Tinker or Lynn Kloberdanz, Black Hawk County Engineer's Office.

Quantitative_Horizontal_Positional_Accuracy_Assessment:

Horizontal_Positional_Accuracy_Value: 0.05

Horizontal_Positional_Accuracy_Explanation:

The horizontal positional accuracy meets or exceeds the National Map Accuracy Standards accuracy requirement, when measured against the assumed accuracy of the digital orthophotography from which it was created. These accuracies must be measured against the relative accuracies of the disparate source documents (recorded plats, tax roll descriptions and existing paper parcel maps) and the positional decisions that were made based on the preponderance of available evidence on a case by case basis.

Vertical_Positional_Accuracy:

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator: Black Hawk County

Publication_Date: Unpublished Material

Title: Recorded Legal Documents

Other_Citation_Details:

Recorded legal documents can be reviewed at the Black Hawk County Recorder's Office, 316 E. 5th Street, Waterloo IA

Source_Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 19990301

Ending_Date: present

Source_Currentness_Reference: ground condition

Process_Step:

Process_Description:

Physiographic features were digitized from digital orthophotos (1:1200 urban), (1:4800 rural). Parcels, lots, road right of ways and other representations were digitized based on recorded legal documents. The Technical Implementation Plan for the Black Hawk County cadastral GIS is on file with the Process Contact Person.

Process_Date: 03/01/99

Process_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Black Hawk County Information
Technology Department
Contact_Person: Kim Veeder

Contact_Position: Director

Contact_Address:

Address_Type: mailing and physical address

Address: 316 E. 5th Street

City: Waterloo

State_or_Province: IA

Postal_Code: 50703

Country: USA

Contact_Voice_Telephone: (319) 833-3154

Contact_Facsimile_Telephone: (319) 833-3165

Contact_Electronic_Mail_Address: kveeder@co.black-hawk.ia.us

Hours_of_Service: 8:00 AM - 4:30 PM

Contact_Instructions: Call, e-mail, or write with requests

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: G-polygon

Point_and_Vector_Object_Count: 576

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Grid_Coordinate_System:

Grid_Coordinate_System_Name: State Plane Coordinate System

State_Plane_Coordinate_System:

SPCS_Zone_Identifier: 1401

Lambert_Conformal_Conic:

Standard_Parallel: 42.066667

Standard_Parallel: 43.266667

Longitude_of_Central_Meridian: -93.500000

Latitude_of_Projection_Origin: 41.500000

False_Easting: 4921250.000000

False_Northing: 3280833.333333

Planar_Coordinate_Information:

Planar_Coordinate_Encoding_Method: coordinate pair

Coordinate_Representation:

Abscissa_Resolution: 0.000256

Ordinate_Resolution: 0.000256

Planar_Distance_Units: survey feet

Geodetic_Model:

Horizontal_Datum_Name: North American Datum of 1983

Ellipsoid_Name: Geodetic Reference System 80

Semi-major_Axis: 6378137.000000

Denominator_of_Flattening_Ratio: 298.257222

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: section_poly

Attribute:

Attribute_Label: FID

Attribute_Definition: Internal feature number.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute_Label: Shape
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:

Unrepresentable_Domain: Coordinates defining the features.

Attribute:

Attribute_Label: OID_

Attribute:

Attribute_Label: GEO_TWP
Attribute_Definition: geographic township

Attribute:

Attribute_Label: TWP_RNG

Attribute:

Attribute_Label: SEC_NUM

Attribute:

Attribute_Label: XPOINT

Attribute:

Attribute_Label: YPOINT

Attribute:

Attribute_Label: TRS
Attribute_Definition: township range section

Attribute:

Attribute_Label: SHAPE_Leng

Attribute:

Attribute_Label: SHAPE_Area
Attribute_Definition: Area of feature in internal units squared.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:

Unrepresentable_Domain: Positive real numbers that are automatically generated.

Overview_Description:

Distribution_Information:

Distributor:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Black Hawk County Information Technology
Department

Contact_Person: Kim Veeder

Contact_Position: Director

Contact_Address:

Address_Type: mailing and physical address

Address: 316 E. 5th Street

City: Waterloo

State_or_Province: IA

Postal_Code: 50703

Country: USA

Contact_Voice_Telephone: (319) 833-3154

Contact_Facsimile_Telephone: (319) 833-3165

Contact_Electronic_Mail_Address: kveeder@co.black-hawk.ia.us

Hours_of_Service: 8:00 AM - 4:30 PM

Contact_Instructions: Call, e-mail, or write with requests

Resource_Description: Offline data

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Format_Name: SHP

Format_Version_Number: 9x

Format_Specification: ArcView Shape File

Transfer_Size: 0.971

Digital_Transfer_Option:

Offline_Option:

Offline_Media: CD-ROM

Fees: Contact Black Hawk County Information Technology Department for fee schedule.

Ordering_Instructions: Contact Distributor

Turnaround: Generally one week or less

Available_Time_Period:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 19990301

Ending_Date: Present

Metadata_Reference_Information:

Metadata_Date: 20060830

Metadata_Review_Date: 20031119

Metadata_Future_Review_Date: 20041119

Metadata_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Kim Veeder

Contact_Organization: Black Hawk County Information Technology
Department

Contact_Position: Director

Contact_Address:

Address_Type: mailing and physical address

Address: 316 E. 5th Street

City: Waterloo

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Contact_Voice_Telephone: (319) 833-3154

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Contact_Electronic_Mail_Address: kveeder@co.black-hawk.ia.us

Hours_of_Service: 8:00 AM - 4:30 PM

Contact_Instructions: Call, e-mail, or write with requests

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time

Metadata_Access_Constraints: none

Metadata_Extensions:

Online_Linkage: <<http://www.esri.com/metadata/esriprof80.html>>

Profile_Name: ESRI Metadata Profile
