

Water Rivers and Lakes

Metadata also available as

Metadata:

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Identification_Information:

Citation:

Citation_Information:

Originator: Black Hawk County

Publication_Date: Unpublished Material

Title: Water Rivers and Lakes

Geospatial_Data_Presentation_Form: vector digital data

Publication_Information:

Publication_Place: Black Hawk County Iowa

Publisher: Black Hawk County

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

Description:

Abstract:

This data set represents major rivers and lakes in Black Hawk County and can be used with wtrname.shp if name labels are needed

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: -92.560528

East_Bounding_Coordinate: -92.055658

North_Bounding_Coordinate: 42.647623

South_Bounding_Coordinate: 42.290583

Keywords:

Theme:

Theme_Keyword_Thesaurus: ISO 19115 Topic Category

Theme_Keyword: inlandWaters

Place:

Place_Keyword: Black Hawk County

Place_Keyword: Iowa

Stratum:

Temporal:

Access_Constraints:

Limitations 1. Black Hawk County (hereinafter referred to as BHC) Geographic Information Systems (hereinafter referred to as GIS) data and data products distributed by the Information Technology Department contain information from publicly available sources. BHC developed the data for internal use. All data is provided as is, with all faults, and without warranty of any kind, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. 2. BHC is not responsible for any hardware or software needed to access and use the products and information therein. 3. Any entity or party using this data understands and acknowledges that the products and information contained therein are subject to constant change and that accuracy of the data cannot be guaranteed. BHC makes no warranties or guarantees, either expressed or implied, as to the completeness, accuracy, or correctness of such data or data products, nor accepts any liability arising from any incorrect, incomplete or misleading information contained therein. 4. BHC shall not be subject to liability for human errors, defect or failure of machines, or any material used in connection with machines, including but not limited to tapes, disks and energy. 5. BHC shall not be subject to liability for any lost profits or consequential damages, or claims against any entity or party using BHC data by third parties. The liability of BHC for damages, regardless of the form of the action, shall not

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Use_Constraints:

Restrictions On Use 1. Black Hawk County (hereinafter referred to as BHC) GIS data and data products are provided as a one-time delivery. BHC has no responsibility for updating this data or data product, such as a CD or tape. 2. The use or purchase of BHC GIS data by an entity or party does not constitute a sale of any title or interest in the BHC GIS data or data products. 3. Any entity or party using this data agrees to recognize and honor in perpetuity the copyrights, and other proprietary claims for databases, tax maps, and other collateral information, and products established or produced by BHC or the vendors furnishing said items to BHC. 4. Copies Any entity or party using this data may copy BHC GIS digital data only for backup purposes and not for use by any party beyond that to which the data was directly delivered. 5. Derived Products Graphic displays and printed tabular listings derived from BHC GIS data may be used in publications and presentations, provided that credit is given to BHC as the custodian of the data and credit is also given to the original source of the data if other than BHC. 6. The BHC GIS digital data are for the internal use solely and exclusively by the entity or party to whom BHC delivers the data. The data should not be used by anyone beyond the original entity or party to which the data was delivered, unless specified at the time of data distribution. 7. The entity or party to which the data was delivered shall not license, assign, release, transfer, sell or otherwise make available the BHC digital GIS data, data products or portion thereof to a third party without the expressed written permission of BHC. 8. Upon the occurrence of the breach of or non-compliance with any term or provision above, BHC may provide written notice of the occurrence to the data user. Any agreement for data use shall terminate 60 days following such notice. The data user shall, within 30 day after termination of an agreement, return to BHC all GIS data and data products that were exchanged through any data distribution agreement with BHC. 9. All data distribution and related agreement and performance hereunder shall be governed and construed by the laws of the State of Iowa.

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

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.

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

Process_Step:

Process_Description: Metadata imported.
Source_Used_Citation_Abbreviation:
C:\DOCUME~1\MIS\LOCALS~1\Temp\xml24.tmp

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: String
Point_and_Vector_Object_Count: 3455

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: Water Rivers and Lakes

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: OBJECTID

Attribute:

Attribute_Label: ALPHATAG

Attribute:

Attribute_Label: HAS_SELECT

Attribute:

Attribute_Label: SHAPE_Leng

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: 3.046

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_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

State_or_Province: IA

Postal_Code: 50703

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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

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