

# HydroWaterbody

## File Geodatabase Feature Class

Thumbnail Not Available

### Tags

elevation, Digital Elevation Model, Digital Terrain Model, DTM, Topography, Altitude, Height, Lakes, Reservoirs

### Summary

The purpose of this project was to develop statewide Digital Elevation Data (DTM) from the statewide two foot resolution 2006/2007 aerial imagery.

### Description

This metadata record describes the production of a Digital Terrain Model (DTM) and contours for the state of Mississippi. The DTM was compiled at a scale 400 feet from imagery with a 2' ground sample distance (GSD) from a previous statewide project. Part of the imagery acquisition occurred January through March, 2006. With additional acquisition occurred January, 2007. The following contributed to the Mississippi Statewide dataset: Fugro EarthData, Inc., Mississippi Geographic Information, LLC, Mississippi Department Environmental Quality, NOAA Coastal Services Center, Mississippi DOT, Mississippi State University, and Mississippi Coordinating Council for Remote Sensing and GIS.

### Credits

There are no credits for this item.

### Use limitations

Data should be used only as originally intended and is not for engineering or design purposes.

### Extent

**West** -90.776052    **East** -89.963212  
**North** 33.046469    **South** 32.496104

### Scale Range

There is no scale range for this item.

### ArcGIS Metadata ►

### Topics and Keywords ►

\* CONTENT TYPE    Downloadable Data

*Hide Topics and Keywords ▲*

### Citation ►

\* TITLE    HydroWaterbody

PRESENTATION FORMATS    \* digital map

*Hide Citation ▲*

### Resource Details ►

DATASET LANGUAGES    \* English (UNITED STATES)

SPATIAL REPRESENTATION TYPE \* vector

\* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.2.1.3497

CREDITS

ARCGIS ITEM PROPERTIES

\* NAME HydroWaterbody

\* LOCATION file:///\\SWALKER-

PC\E\$\DATA\MDEM\_Vector\_2015\MS\_DTM\_Project\Counties\Yazoo.gdb

\* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

## Extents ►

EXTENT

VERTICAL EXTENT

\* MINIMUM VALUE 0.000131

\* MAXIMUM VALUE 361.120144

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

\* WEST LONGITUDE -90.776052

\* EAST LONGITUDE -89.963212

\* NORTH LATITUDE 33.046469

\* SOUTH LATITUDE 32.496104

\* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE 2160919.970114

\* EAST LONGITUDE 2409999.999840

\* SOUTH LATITUDE 1090041.859864

\* NORTH LATITUDE 1289999.999974

\* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

## Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

Data should be used only as originally intended and is not for engineering or design purposes.

[Hide Resource Constraints ▲](#)

## Spatial Reference ►

ARCGIS COORDINATE SYSTEM

\* TYPE Projected

\* GEOGRAPHIC COORDINATE REFERENCE GCS\_North\_American\_1983\_HARN

\* PROJECTION NAD\_1983\_HARN\_StatePlane\_Mississippi\_West\_FIPS\_2302\_Feet  
\* COORDINATE REFERENCE DETAILS  
PROJECTED COORDINATE SYSTEM  
WELL-KNOWN IDENTIFIER 2900  
X ORIGIN -17463400  
Y ORIGIN -43523900  
XY SCALE 3048.00609601219  
Z ORIGIN -100000  
Z SCALE 3048.00609601219  
M ORIGIN -100000  
M SCALE 10000  
XY TOLERANCE 0.003280833333333333  
Z TOLERANCE 0.003280833333333333  
M TOLERANCE 0.001  
HIGH PRECISION true  
LATEST WELL-KNOWN IDENTIFIER 2900  
WELL-KNOWN TEXT  
PROJCS["NAD\_1983\_HARN\_StatePlane\_Mississippi\_West\_FIPS\_2302\_Feet",GEOGCS["GCS\_North\_American\_1983\_HARN",DATUM["D\_North\_American\_1983\_HARN",SPHEROID["GRS\_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Transverse\_Mercator"],PARAMETER["False\_Easting",2296583.333333333],PARAMETER["False\_Northing",0.0],PARAMETER["Central\_Meridian",-90.33333333333333],PARAMETER["Scale\_Factor",0.99995],PARAMETER["Latitude\_Of\_Origin",29.5],UNIT["Foot\_US",0.3048006096012192],AUTHORITY["EPSG",2900]],VERTCS["NAVD\_1988",VDATUM["North\_American\_Vertical\_Datum\_1988"],PARAMETER["Vertical\_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot",0.3048]]

REFERENCE SYSTEM IDENTIFIER

- \* VALUE 2900
- \* CODESPACE EPSG
- \* VERSION 8.2.6

[Hide Spatial Reference ▲](#)

## Spatial Data Properties ►

VECTOR ►

- \* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

- FEATURE CLASS NAME HydroWaterbody
- \* OBJECT TYPE composite
  - \* OBJECT COUNT 4292

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

- FEATURE CLASS NAME HydroWaterbody
- \* FEATURE TYPE Simple
  - \* GEOMETRY TYPE Polygon
  - \* HAS TOPOLOGY FALSE
  - \* FEATURE COUNT 4292

- \* SPATIAL INDEX TRUE
- \* LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

## Distribution ►

DISTRIBUTOR ►

AVAILABLE FORMAT

- \* NAME File Geodatabase Feature Class

TRANSFER OPTIONS

ONLINE SOURCE

- \* LOCATION

file:///\\ARMISTEAD\E\09\_0024\_Miss\_Co\_BLKs\WEST\Block1W\1BW\1BW\_FINAL\Counties\Yazoo.gdb

- \* ACCESS PROTOCOL Local Area Network
- \* DESCRIPTION Downloadable Data

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

- \* NAME File Geodatabase Feature Class

[Hide Distribution ▲](#)

## Fields ►

DETAILS FOR OBJECT [HydroWaterbody](#) ►

- \* TYPE Feature Class
- \* ROW COUNT 4292

DEFINITION

Lines

DEFINITION SOURCE

Fugro EarthData, Inc.

FIELD [OBJECTID](#) ►

- \* ALIAS OBJECTID
- \* DATA TYPE OID
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Internal feature number.

DESCRIPTION SOURCE

ESRI

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

*Hide Field OBJECTID ▲*

FIELD SHAPE ►

- \* ALIAS SHAPE
- \* DATA TYPE Geometry
- \* WIDTH 0
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Feature geometry.

DESCRIPTION SOURCE

ESRI

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

*Hide Field SHAPE ▲*

FIELD SOURCE\_DATADESC ►

- \* ALIAS SOURCE\_DATADESC
- \* DATA TYPE String
- \* WIDTH 100
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Aerial Imagery

DESCRIPTION SOURCE

Fugro EarthData

DESCRIPTION OF VALUES

Imagery

*Hide Field SOURCE\_DATADESC ▲*

FIELD DATA\_SECURITY ►

- \* ALIAS Data\_Security
- \* DATA TYPE SmallInteger

\* WIDTH 2  
\* PRECISION 0  
\* SCALE 0  
FIELD DESCRIPTION  
Security classification code

DESCRIPTION SOURCE  
National data model values

SUBTYPE INFORMATION

\* SUBTYPE NAME (SUBTYPE CODE)

---

Lake (390)

---

0

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Obscure Lake (391)

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0

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Marsh (466)

---

0

\* DOMAIN NAME Sec\_Classification Domain  
\* DESCRIPTION Security Classification of data  
\* TYPE Coded Value  
\* MERGE RULE Default value  
\* SPLIT RULE Default value

LIST OF VALUES

VALUE 0  
DESCRIPTION Unknown  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE National data Model

VALUE 1  
DESCRIPTION top secret  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE National data model

VALUE 2  
DESCRIPTION secret  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE National data model

VALUE 3  
DESCRIPTION confidential  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE 4  
DESCRIPTION restricted  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE 5  
DESCRIPTION unclassified  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE 6  
DESCRIPTION Sensitive

ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

ACCURACY INFORMATION

ACCURACY 5

EXPLANATION

unclassified

MEASUREMENT FREQUENCY Unknown

*Hide Field DATA\_SECURITY ▲*

FIELD DISTRIBUTION\_POLICY ►

\* ALIAS Distribution\_Policy

\* DATA TYPE String

\* WIDTH 4

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

access and use constraints of data E4

DESCRIPTION SOURCE

national data model

SUBTYPE INFORMATION

\* SUBTYPE NAME (SUBTYPE CODE)

---

Lake (390)

E4

---

Obscure Lake (391)

E4

---

Marsh (466)

E4

\* DOMAIN NAME Distribution\_Policy Domain

\* DESCRIPTION Access and Use constraints of data

\* TYPE Coded Value

\* MERGE RULE Default value

\* SPLIT RULE Default value

LIST OF VALUES

VALUE A1

DESCRIPTION emergency service provider - internal use only

ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE A2

DESCRIPTION emergency service provider - bitmap display via web

ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE A3

DESCRIPTION emergency service provider - free distribution to third parties

ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE A4

DESCRIPTION emergency service provider - free distribution to third parties via internet

ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE B1

DESCRIPTION government agencies or thier delegated agents - internal use only

ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE B2

DESCRIPTION government agencies or their delegated agents - bitmap display via web

ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE B3

DESCRIPTION government agencies or their delegated agents - free distribution to third parties

ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE B4

DESCRIPTION government agencies or their delegated agents - free distribution to third parties via internet

ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE C1

DESCRIPTION other public or educational institutions - internal use only

ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE C2

DESCRIPTION other public or educational institutions bitmap display via web

ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE C3

DESCRIPTION other public or educational institutions - free distibutions to third parties

ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE C4

DESCRIPTION other public or educational institutions - free distribution to third parties via internet

ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE D1

DESCRIPTION data contributors - internal use only

ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE D2

DESCRIPTION data contributors - bitmap display via internet

ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE D3

DESCRIPTION data contributors - free distribution to third parties

ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE D4

DESCRIPTION data contributors - free distribution to third parties via internet

ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model



VALUE E1  
DESCRIPTION Public domain - internall use only  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE E2  
DESCRIPTION Public domain - bitmap display via web  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE E3  
DESCRIPTION Public domain - free distribution to third parties  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE E4  
DESCRIPTION Public domain - free distribution to third parties via internet  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

ACCURACY INFORMATION

ACCURACY 4

EXPLANATION

Public domain - free distribution to third parties via internet

MEASUREMENT FREQUENCY None planned

*Hide Field DISTRIBUTION\_POLICY ▲*

FIELD LOADDATE ►

\* ALIAS LOADDATE

\* DATA TYPE Date

\* WIDTH 8

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Date

DESCRIPTION SOURCE

ESRI

LIST OF VALUES

VALUE Date

DESCRIPTION Image capture and processing date

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Date of service

*Hide Field LOADDATE ▲*

FIELD QUALITY ►

\* ALIAS Quality

\* DATA TYPE Integer

\* WIDTH 4

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Attribute code on the quality of the data base on MDEM standards

DESCRIPTION SOURCE

national data model

SUBTYPE INFORMATION

\* SUBTYPE NAME (SUBTYPE CODE)

---

Lake (390)

---

0

---

Obscure Lake (391)

---

0

---

Marsh (466)

---

0

\* DOMAIN NAME Quality Domain

\* DESCRIPTION

\* TYPE Coded Value

\* MERGE RULE Default value

\* SPLIT RULE Default value

LIST OF VALUES

VALUE 1

DESCRIPTION MDEM

ENUMERATED DOMAIN VALUE DEFINITION SOURCE National Data Model

VALUE 2

DESCRIPTION Non MDEM

ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE 0

DESCRIPTION unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

ACCURACY INFORMATION

ACCURACY 1

EXPLANATION

MDEM

MEASUREMENT FREQUENCY None planned

*Hide Field QUALITY ▲*

FIELD SCALE ►

\* ALIAS Scale

\* DATA TYPE Integer

\* WIDTH 4

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

1:4800

DESCRIPTION SOURCE

national data model

SUBTYPE INFORMATION

\* SUBTYPE NAME (SUBTYPE CODE)

---

Lake (390)

---

0

---

Obscure Lake (391)

---

0

---

Marsh (466)

---

0

\* DOMAIN NAME Scale Domain

\* DESCRIPTION

\* TYPE Coded Value

\* MERGE RULE Default value

\* SPLIT RULE Default value

LIST OF VALUES

VALUE 0

DESCRIPTION unknown or scale NA

ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE 1

DESCRIPTION small scale

ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE 2

DESCRIPTION medium scale

ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

VALUE 3

DESCRIPTION large scale

ENUMERATED DOMAIN VALUE DEFINITION SOURCE national data model

ACCURACY INFORMATION

ACCURACY 2

EXPLANATION

medium

MEASUREMENT FREQUENCY None planned

*Hide Field SCALE ▲*

FIELD FTYPE ►

\* ALIAS FType

\* DATA TYPE Integer

\* WIDTH 4

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Feature Type

DESCRIPTION SOURCE

ESRI

SUBTYPE INFORMATION

\* SUBTYPE NAME (SUBTYPE CODE)

---

Lake (390)

390

---

Obscure Lake (391)

390

---

Marsh (466)

390

DESCRIPTION OF VALUES

ESRI Designation

*Hide Field FTYPE ▲*

FIELD FCODE ►

\* ALIAS FCode

\* DATA TYPE Integer

\* WIDTH 4

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Feature Code

DESCRIPTION SOURCE

ESRI

SUBTYPE INFORMATION

\* SUBTYPE NAME (SUBTYPE CODE)

---

Lake (390)

39000

---

Obscure Lake (391)

39000

---

Marsh (466)

---

39000

DESCRIPTION OF VALUES  
ESRI Designation

*Hide Field FCODE ▲*

FIELD Level ▶

- \* ALIAS Level
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION  
Microstation designation

DESCRIPTION SOURCE  
Microstation

DESCRIPTION OF VALUES  
Microstation level

*Hide Field Level ▲*

FIELD SHAPE\_Length ▶

- \* ALIAS SHAPE\_Length
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION  
Length of feature in internal units.

DESCRIPTION SOURCE  
ESRI

DESCRIPTION OF VALUES  
Positive real numbers that are automatically generated.

*Hide Field SHAPE\_Length ▲*

FIELD SHAPE\_Area ▶

- \* ALIAS SHAPE\_Area
- \* DATA TYPE Double

\* WIDTH 8  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

Area of feature in internal units squared.

DESCRIPTION SOURCE

ESRI

DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

[Hide Field SHAPE\\_Area ▲](#)

[Hide Details for object HydroWaterbody ▲](#)

[Hide Fields ▲](#)

## Metadata Details ►

\* METADATA LANGUAGE English (UNITED STATES)  
\* METADATA CHARACTER SET 8859part1 - Latin alphabet No. 1

SCOPE OF THE DATA DESCRIBED BY THE METADATA \* dataset  
SCOPE NAME \* dataset

\* LAST UPDATE 2015-10-01

ARCGIS METADATA PROPERTIES

METADATA FORMAT ESRI-ISO

CREATED IN ARCGIS FOR THE ITEM 2011-02-20 15:03:19

LAST MODIFIED IN ARCGIS FOR THE ITEM 2015-10-01 08:50:53

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2015-10-01 08:50:53

[Hide Metadata Details ▲](#)

## FGDC Metadata (read-only) ▼

CITATION

CITATION INFORMATION

ORIGINATOR Fugro EarthData, Inc.

PUBLICATION DATE 2010

PUBLICATION TIME Unknown

TITLE

HydroWaterbody

EDITION 1st Edition

GEOSPATIAL DATA PRESENTATION FORM vector digital data

PUBLICATION INFORMATION

PUBLICATION PLACE Frederick, Maryland

PUBLISHER Fugro EarthData, Inc.

ONLINE LINKAGE

\\ARMISTEAD\E\09\_0024\_Miss\_Co\_BLKs\WEST\Block1W\1BW\1BW\_FINAL\Counties\Yazoo.gdb

DESCRIPTION

ABSTRACT

This metadata record describes the production of a Digital Terrain Model (DTM) and contours for the state of Mississippi. The DTM was compiled at a scale 400 feet from imagery with a 2' ground sample distance (GSD) from a previous statewide project. Part of the imagery acquisition occurred January through March, 2006. With additional acquisition occurred January, 2007. The following contributed to the Mississippi Statewide dataset: Fugro EarthData, Inc., Mississippi Geographic Information, LLC, Mississippi Department Environmental Quality, NOAA Coastal Services Center, Mississippi DOT, Mississippi State University, and Mississippi Coordinating Council for Remote Sensing and GIS.

PURPOSE

The purpose of this project was to develop statewide Digital Elevation Data (DTM) from the statewide two foot resolution 2006/2007 aerial imagery.

TIME PERIOD OF CONTENT

TIME PERIOD INFORMATION

SINGLE DATE/TIME

CALENDAR DATE REQUIRED: The year (and optionally month, or month and day) for which the data set corresponds to the ground.

RANGE OF DATES/TIMES

BEGINNING DATE 2006

ENDING DATE 2010

CURRENTNESS REFERENCE

ground condition

STATUS

PROGRESS Complete

MAINTENANCE AND UPDATE FREQUENCY Unknown

SPATIAL DOMAIN

BOUNDING COORDINATES

WEST BOUNDING COORDINATE -90.776052

EAST BOUNDING COORDINATE -89.963212

NORTH BOUNDING COORDINATE 33.046469

SOUTH BOUNDING COORDINATE 32.496104

KEYWORDS

THEME

THEME KEYWORD THESAURUS ISO 19115 Topic Category

THEME KEYWORD elevation

THEME KEYWORD Digital Elevation Model

THEME KEYWORD Digital Terrain Model

THEME KEYWORD DTM

THEME KEYWORD Topography

THEME KEYWORD Altitude

THEME KEYWORD Height

THEME KEYWORD Lakes

THEME KEYWORD Reservoirs

PLACE

PLACE KEYWORD THESAURUS Geographic Names Information System  
PLACE KEYWORD Mississippi  
PLACE KEYWORD USA  
PLACE KEYWORD North America

STRATUM  
STRATUM KEYWORD THESAURUS Land  
STRATUM KEYWORD Land Surface

TEMPORAL  
TEMPORAL KEYWORD THESAURUS Date  
TEMPORAL KEYWORD 2006  
TEMPORAL KEYWORD 2007

ACCESS CONSTRAINTS  
None

USE CONSTRAINTS  
Data should be used only as originally intended and is not for engineering or design purposes.

POINT OF CONTACT  
CONTACT INFORMATION  
CONTACT ORGANIZATION PRIMARY  
CONTACT ORGANIZATION Geospatial Resources Division MDEQ - Office of Geology  
CONTACT POSITION Director Geospatial Resources Division  
CONTACT ADDRESS  
ADDRESS TYPE mailing address  
ADDRESS PO Box 2279  
CITY Jackson  
STATE OR PROVINCE Mississippi  
POSTAL CODE 39225-2279  
COUNTRY UNITED STATES

CONTACT VOICE TELEPHONE 601-961-5506  
CONTACT FACSIMILE TELEPHONE 601-961-5521  
CONTACT ELECTRONIC MAIL ADDRESS [Stephen\\_Champlin@deq.state.ms.us](mailto:Stephen_Champlin@deq.state.ms.us)  
HOURS OF SERVICE Monday through Friday, 8:30am to 5:00pm

SECURITY INFORMATION  
SECURITY CLASSIFICATION SYSTEM National data model  
SECURITY CLASSIFICATION Unclassified  
SECURITY HANDLING DESCRIPTION None

NATIVE DATA SET ENVIRONMENT  
Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 3; ESRI ArcCatalog 9.2.6.1500

*Hide Identification ▲*

ATTRIBUTE ACCURACY  
ATTRIBUTE ACCURACY REPORT  
The accuracy of the data is dependant upon the 2 foot pixel resolution aerial imagery. See positional accuracy for attributes pertaining to elevation.  
QUANTITATIVE ATTRIBUTE ACCURACY ASSESSMENT  
ATTRIBUTE ACCURACY VALUE 3.3  
ATTRIBUTE ACCURACY EXPLANATION  
RMSE value based on NGS points  
LOGICAL CONSISTENCY REPORT



Compliance with the accuracy standard was ensured by the collection of photo identifiable GPS ground control

after the acquisition of aerial imagery. The following checks were performed.

1. The ground control and airborne GPS data stream were validated through a fully analytical bundle aerotriangulation adjustment. The RMSE is less than 1, 10,000th of the flying height.
2. The DEM data was checked against the project control. The technician visited and confirmed the accuracy of the points during initial processing.
3. Digital orthophotography was validated through an inspection of edge matching and visual inspection for image quality.

The following methods are used to assure imagery accuracy.

1. Use of IMU (inertial measurement unit) and ground control network utilizing GPS techniques.
2. Use of airborne GPS (global positioning system) in conjunction with the acquisition of imagery. The following software is used for validation of the imagery and surface modeling.

1. Aerotriangulation - ISTAR
2. DEM data - ISTAR
3. Digital Orthophotography - ISTAR, OrthoPro, and Photoshop.
4. Bentley - MicroStation
5. ISTAR
6. ESRI - ArcView, ArcMap
7. EarthData proprietary software
8. Adobe - Photoshop

#### COMPLETENESS REPORT

The data was collected from two foot pixel aerial imagery. The data set includes obscured areas and seasonal standing water. Refer to metadata process steps for methodology.

#### POSITIONAL ACCURACY

##### HORIZONTAL POSITIONAL ACCURACY

##### HORIZONTAL POSITIONAL ACCURACY REPORT

This data has been produced to be fully compliant with the ASPRS Class 2 at a scale of 1 = 400 feet with a 2' GSD. Resulting horizontal accuracies of +/- 4 RMSE will meet or exceed ASPRS accuracy standards.

##### QUANTITATIVE HORIZONTAL POSITIONAL ACCURACY ASSESSMENT

HORIZONTAL POSITIONAL ACCURACY VALUE 1.84'

##### HORIZONTAL POSITIONAL ACCURACY EXPLANATION

Measurement of ground control versus stereo pairs after AT processing

#### VERTICAL POSITIONAL ACCURACY

##### VERTICAL POSITIONAL ACCURACY REPORT

Map scale 1:4800 with a 5 foot ASPRS Class II contour interval for the area. Data will reference Mississippi State Plane East and West coordinates, NAD83, NAVD88 vertical datum in US Survey Feet. Accuracy of all final map products will meet or exceed ASPRS Class II accuracy standards for large scale maps. Resulting vertical accuracies of +/- 3.3 RMSE will meet or exceed ASPRS accuracy standards.

##### QUANTITATIVE VERTICAL POSITIONAL ACCURACY ASSESSMENT

VERTICAL POSITIONAL ACCURACY VALUE 3.3' RMSE

##### VERTICAL POSITIONAL ACCURACY EXPLANATION

EarthData extracted a set of 6,167 NGS points throughout the state in order to complete the final product assessment.

#### LINEAGE

##### SOURCE INFORMATION

##### SOURCE CITATION

##### CITATION INFORMATION

ORIGINATOR EarthData International, Inc. (Aviation Division)

PUBLICATION DATE 2006-03-04  
TITLE  
Aerial Imagery  
EDITION 1  
GEOSPATIAL DATA PRESENTATION FORM remote-sensing image

SOURCE SCALE DENOMINATOR 4800  
TYPE OF SOURCE MEDIA disc  
SOURCE TIME PERIOD OF CONTENT  
TIME PERIOD INFORMATION  
RANGE OF DATES/TIMES  
BEGINNING DATE 2006-01-03  
ENDING DATE 2006-03-04

SOURCE CURRENTNESS REFERENCE  
ground condition  
SOURCE CITATION ABBREVIATION  
Aerial Imagery

SOURCE CONTRIBUTION  
Base imagery used to compile Breaklines, Mass points, Hydrography, and  
Transportation..

SOURCE INFORMATION  
SOURCE CITATION  
CITATION INFORMATION  
ORIGINATOR Waggoner Engineering, Inc.  
PUBLICATION DATE 2006-06-07  
PUBLICATION TIME Unknown  
TITLE

Mississippi Statewide - Photo Control  
EDITION 1  
GEOSPATIAL DATA PRESENTATION FORM model  
OTHER CITATION DETAILS  
The additional 72 points were collected in 2009.

SOURCE SCALE DENOMINATOR 4800  
TYPE OF SOURCE MEDIA electronic mail system  
SOURCE TIME PERIOD OF CONTENT  
TIME PERIOD INFORMATION  
SINGLE DATE/TIME  
CALENDAR DATE 2006-04-13  
SOURCE CURRENTNESS REFERENCE

ground condition  
SOURCE CITATION ABBREVIATION  
Ground Control

SOURCE CONTRIBUTION  
Waggoner Engineering, Inc., under contract to EarthData International, Inc.  
successfully established ground control for the Mississippi Statewide project (Part A).  
A total of 43  
ground control points in Mississippi were acquired using GPS for both vertical and  
horizontal coordinate values. All 43 points utilized photo identifiable points.  
Additional 72 points were surveyed to supplement the  
compilation project. These points were collected using a  
similar methodology as the previous project.

SOURCE INFORMATION  
SOURCE CITATION  
CITATION INFORMATION  
ORIGINATOR Fugro EarthData, Inc.  
PUBLICATION DATE 2009  
TITLE

Aerial Triangulation

EDITION 1

GEOSPATIAL DATA PRESENTATION FORM tabular digital data

SOURCE SCALE DENOMINATOR 4800

TYPE OF SOURCE MEDIA disc

SOURCE TIME PERIOD OF CONTENT

TIME PERIOD INFORMATION

SINGLE DATE/TIME

CALENDAR DATE 2010

SOURCE CURRENTNESS REFERENCE

ground condition

SOURCE CITATION ABBREVIATION

AT

SOURCE CONTRIBUTION

Aerial triangulation report was submitted with the data. This process is an extension of ground survey data to allow compilation of mapping data.

PROCESS STEP

PROCESS DESCRIPTION

Fugro EarthData, Inc. completed all phases of aerotriangulation (AT) for the 73 flight lines covering the Mississippi, Block 1 ADS40 Orthophotography Mapping Project. All final ADS40 data and related products will be delivered to the client in the projection(s) and datum(s) of UTM 16N, NAD83, Meters. All coordinates and measurements in this report will be presented in UTM 16N, NAD83, GRS80, Meters, unless otherwise stated. The results of this Aerial Triangulation solution are sufficient to support ASPRS Class 2 five foot contours.

Collections: 9

Collection Dates: January 3rd, 11th, 24th, 29th, and 31st, February 7th and 9th, 2006

Ground Sample Distance (GSD): 1 pixel is equal to 2 ft

Flight Level(s): 18900 ft above mean terrain (AMT)

Camera Type: Leica ADS-40

Camera Serial Number(s): SP9, SH-30034, SP6

All imagery for the collection of was acquired on the dates January 3rd, 11th, 24th, 29th, and 31st, February 7th and 9th, 2006 from an altitude of 18900 ft above mean terrain (AMT). The resulting Ground Sample Distance (GSD) of 1 pixel is equal to 2 ft of ground coverage. Fugro EarthData, Inc. acquired all photography using the Leica ADS-40 digital airborne sensor, serial number(s) SP9, SH-30034, SP6, each with a calibrated focal length of 62.77 mm. The entire project collection was completed with a total of 9 lift(s).

SOURCE USED CITATION ABBREVIATION

Ground Control

SOURCE USED CITATION ABBREVIATION

Aerial Imagery

PROCESS DATE 2009-09-22

SOURCE PRODUCED CITATION ABBREVIATION

AT

PROCESS CONTACT

CONTACT INFORMATION

CONTACT ORGANIZATION PRIMARY

CONTACT ORGANIZATION Fugro EarthData, Inc.

CONTACT PERSON John Knowlton

CONTACT POSITION Project Manager

CONTACT ADDRESS

ADDRESS TYPE mailing and physical address

ADDRESS 7320 Executive Way

CITY Frederick

STATE OR PROVINCE MD  
POSTAL CODE 21704  
COUNTRY UNITED STATES

CONTACT VOICE TELEPHONE 301-948-8550 x212  
CONTACT FACSIMILE TELEPHONE 301-963-2064  
CONTACT ELECTRONIC MAIL ADDRESS [jknowlton@earthdata.com](mailto:jknowlton@earthdata.com)  
HOURS OF SERVICE Monday through Friday, 8:30am to 5:00pm

PROCESS STEP  
PROCESS DESCRIPTION

Fugro EarthData, Inc. completed all phases of aerotriangulation (AT) for the 75 flight lines covering the Mississippi, Block 2 ADS40 Orthophotography Mapping Project. All final ADS40 data and related products will be delivered to the client in the projection(s) and datum(s) of UTM 16N, NAD83, Meters. All coordinates and measurements in this report will be presented in UTM 16N, NAD83, GRS80, Meters, unless otherwise stated. The results of this Aerial Triangulation solution are sufficient to support ASPRS Class 2 five foot contours.

Collections: 11

Collection Dates: January 5th, 7th, 14th, and 31st, February 4th, 7th, 9th, and 13th, 2006

Ground Sample Distance (GSD): 1 pixel is equal to 2 ft

Flight Level(s): 18900ft above mean terrain (AMT)

Camera Type: Leica ADS40

Camera Serial Number(s): SP9, SH-30034, SP12, SP6

All imagery for the collection of was acquired on the dates January 5th, 7th, 14th, and 31st, February 4th, 7th, 9th, and 13th, 2006 from an altitude of 18900 ft above mean terrain (AMT). The resulting Ground Sample Distance (GSD) of 1 pixel is equal to 2 ft of ground coverage. Fugro EarthData, Inc. acquired all photography using the Leica ADS40 digital airborne sensor, serial number(s) SP9, SH-30034, SP12, SP6, each with a calibrated focal length of 62.77 mm. The entire project collection was completed with a total of 11 lift(s).

PROCESS DATE 2009-09-22

PROCESS CONTACT

CONTACT INFORMATION

CONTACT ORGANIZATION PRIMARY

CONTACT ORGANIZATION Fugro EarthData, Inc.

CONTACT PERSON John Knowlton

CONTACT POSITION Project Manager

CONTACT ADDRESS

ADDRESS TYPE mailing and physical address

ADDRESS 7320 Executive Way

CITY Frederick

STATE OR PROVINCE MD

POSTAL CODE 21704

COUNTRY UNITED STATES

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CONTACT ELECTRONIC MAIL ADDRESS [jknowlton@earthdata.com](mailto:jknowlton@earthdata.com)  
HOURS OF SERVICE M-F 8-5

PROCESS STEP  
PROCESS DESCRIPTION

Fugro EarthData, Inc. completed all phases of aerotriangulation (AT) for the 73 flight lines covering the Mississippi, Block 3 ADS40 Orthophotography Mapping Project. All final ADS40 data and related products will be delivered to the client in the projection(s) and datum(s) of UTM 16N, NAD83, Meters. All coordinates and measurements in this report will be presented in UTM 16N, NAD83, GRS80, Meters, unless otherwise stated. The results of this Aerial Triangulation solution are sufficient to support ASPRS Class 2 five foot contours.

Collections: 13

Collection Dates: January 5th, 7th, 11th, 14th, and 25th, February 13th, March 1st and 4th, 2006

Ground Sample Distance (GSD): 1 pixel is equal to 2 ft

Flight Level(s): 18900 ft above mean terrain (AMT)

Camera Type: Leica ADS40

Camera Serial Number(s): SP9, SH-30034, SP12, SP6, SP17, SP19

All imagery for the collection of was acquired on the dates January 5th, 7th, 11th, 14th, and 25th, February 13th, March 1st and 4th, 2006 from an altitude of 18901 ft above mean terrain (AMT). The resulting Ground Sample Distance (GSD) of 1 pixel is equal to 2 ft of ground coverage. Fugro EarthData, Inc. acquired all photography using the Leica ADS40 digital airborne sensor, serial number(s) SP9, SH-30034, SP12, SP6, SP17, SP19, each with a calibrated focal length of 62.77 mm. The entire project collection was completed with a total of 13 lift(s).

PROCESS DATE 2009-09-22

PROCESS CONTACT

CONTACT INFORMATION

CONTACT ORGANIZATION PRIMARY

CONTACT ORGANIZATION Fugro EarthData, Inc.

CONTACT PERSON John Knowlton

CONTACT POSITION Project Manager

CONTACT ADDRESS

ADDRESS TYPE mailing and physical address

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CITY Frederick

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PROCESS STEP

PROCESS DESCRIPTION

Block 4 was processed under this work order but was scheduled to have additional field points incorporated into the solution on a later contract. Fugro EarthData, Inc. completed all phases of aerotriangulation (AT) for the 56 flight lines covering the Mississippi, Block 4 ADS40 Orthophotography Mapping Project. All final ADS40 data and related products will be delivered to the client in the projection(s) and datum(s) of UTM 16N, NAD83, Meters. All coordinates and measurements in this report will be presented in UTM 16N, NAD83, GRS80, Meters, unless otherwise stated. The results of this Aerial Triangulation solution are sufficient to support ASPRS Class 2 five foot contours.

Collections: 9

Collection Dates: January 5th, 7th, 14th, 29th, 8th and 29th, 2007

Ground Sample Distance (GSD): 1 pixel is equal to 2 ft

Flight Level(s): 18900 ft above mean terrain (AMT)

Camera Type: Leica ADS40

Camera Serial Number(s): SP12, SP6, SP19, SP17

All imagery for the collection of was acquired on the dates January 5th, 7th, 14th, 29th, 8th and 29th, 2007 from an altitude of 18901 ft above mean terrain (AMT). The resulting Ground Sample Distance (GSD) of 1 pixel is equal to 2 ft of ground coverage. Fugro EarthData, Inc. acquired all photography using the Leica ADS40 digital airborne sensor, serial number(s) SP12, SP6, SP19, SP17, each with a calibrated focal length of 62.77 mm. The entire project collection was completed with a total of 9 lift(s).

PROCESS DATE 2009-10-28

PROCESS CONTACT

CONTACT INFORMATION

CONTACT ORGANIZATION PRIMARY

CONTACT ORGANIZATION Fugro EarthData, Inc.

CONTACT PERSON John Knowlton

CONTACT POSITION Project Manager

CONTACT ADDRESS

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POSTAL CODE 21704

COUNTRY UNITED STATES

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CONTACT FACSIMILE TELEPHONE 301-963-2064

CONTACT ELECTRONIC MAIL ADDRESS [jknowlton@earthdata.com](mailto:jknowlton@earthdata.com)

PROCESS STEP

PROCESS DESCRIPTION

Fugro EarthData, Inc. completed all phases of aerotriangulation (AT) for the 56 flight lines covering the Mississippi, Block 5 ADS40 Orthophotography Mapping Project. All final ADS40 data and related products will be delivered to the client in the projection(s) and datum(s) of UTM 16N, NAD83, Meters. All coordinates and measurements in this report will be presented in UTM 16N, NAD83, GRS80, Meters, unless otherwise stated. The results of this Aerial Triangulation solution are sufficient to support ASPRS Class 2 five foot contours.

Collections: 12

Collection Dates: January 2nd, 6th, 9th, and 29th, March 8th, 9th, 16th, and 17th, 2007

Ground Sample Distance (GSD): 1 pixel is equal to 2 ft

Flight Level(s): 18900 ft above mean terrain (AMT)

Camera Type: Leica ADS40

Camera Serial Number(s): SP9, SP19

All imagery for the collection of was acquired on the dates January 2nd, 6th, 9th, and 29th, March 8th, 9th, 16th, and 17th, 2007 from an altitude of 18901 ft above mean terrain (AMT). The resulting Ground Sample Distance (GSD) of 1 pixel is equal to 2 ft of ground coverage. Fugro EarthData, Inc. acquired all photography using the Leica ADS40 digital airborne sensor, serial number(s) SP9, SP19, each with a calibrated focal length of 62.77 mm. The entire project collection was completed with a total of 12 lift(s).

PROCESS DATE 2009-09-22

PROCESS CONTACT

CONTACT INFORMATION

CONTACT ORGANIZATION PRIMARY

CONTACT ORGANIZATION Fugro EarthData, Inc.  
CONTACT PERSON John Knowlton  
CONTACT POSITION Project Manager  
CONTACT ADDRESS  
ADDRESS TYPE mailing and physical address  
ADDRESS 7320 Executive Way  
CITY Frederick  
STATE OR PROVINCE MD  
POSTAL CODE 21704  
COUNTRY UNITED STATES

CONTACT VOICE TELEPHONE 301-948-8550  
CONTACT FACSIMILE TELEPHONE 301-963-2064  
CONTACT ELECTRONIC MAIL ADDRESS [jknowlton@earthdata.com](mailto:jknowlton@earthdata.com)

#### PROCESS STEP

##### PROCESS DESCRIPTION

Stereo pairs generated from the 2' GSD orthoimagery, were used for compiling the breaklines and mass points.

Breaklines were captured along water features and designate closed marsh, other open water and other water bodies (i.e. streams) were captured to the standard cartographic specifications for 400-scale mapping.

Supporting compiled features include a 200' post grid of mass points and other required breaklines necessary to support generation of 5' Class II contours. Breaklines were placed in such locations as sharp peaks and valleys, cliffs, drop offs, cut, fill, road crowns, drainage features, etc. It should be noted that these supplemental breaklines were compiled on an as-needed basis only, and will not serve as a complete transportation or other planimetric data layer. Breaklines were placed to suitably define the terrain for the contours to meet the accuracy standard. Following breakline compilation, extraneous mass points may have been eliminated near breakline features that take precedence for contour generation. As a result, the final deliverable mass point data set may have isolated areas that do not comply with the nominal 200' spacing.

##### SOURCE USED CITATION ABBREVIATION

Ground Control

##### SOURCE USED CITATION ABBREVIATION

Aerial Imagery

PROCESS DATE 2010

#### PROCESS CONTACT

##### CONTACT INFORMATION

##### CONTACT ORGANIZATION PRIMARY

CONTACT ORGANIZATION Fugro EarthData, Inc.

CONTACT PERSON John Knowlton

CONTACT POSITION Project Manager

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CONTACT ELECTRONIC MAIL ADDRESS [jknowlton@earthdata.com](mailto:jknowlton@earthdata.com)

PROCESS STEP

PROCESS DESCRIPTION

Following compilation and editing of the mass points and breaklines, a triangulated irregular network (TIN) was generated as the first step in contour generation. Using the resulting TIN, the contours were generated at a 5' interval. The 5-foot contours were auto-generated using TerraModeler software running on MicroStation. The TIN is considered a production product only and will not be delivered. All resulting contour datasets were translated from MicroStation to ArcInfo geodatabase meeting the requirements of the client supplied database schema.

PROCESS DATE 2010

PROCESS CONTACT

CONTACT INFORMATION

CONTACT ORGANIZATION PRIMARY

CONTACT ORGANIZATION Fugro EarthData, Inc.

CONTACT PERSON John Knowlton

CONTACT POSITION Project Manager

CONTACT ADDRESS

ADDRESS TYPE mailing and physical address

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CITY Frederick

STATE OR PROVINCE MD

POSTAL CODE 21704

COUNTRY UNITED STATES

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CONTACT FACSIMILE TELEPHONE 301-963-2064

CONTACT ELECTRONIC MAIL ADDRESS [jknowlton@earthdata.com](mailto:jknowlton@earthdata.com)

PROCESS STEP

PROCESS DESCRIPTION

In areas with water above normal levels the elevation was established where the water was at its lowest point on either end of the high water. The elevation was then computed on either end to establish flow direction. Water direction was checked at inflows from side streams as well and flow direction was verified.

PROCESS DATE 2010

PROCESS CONTACT

CONTACT INFORMATION

CONTACT ORGANIZATION PRIMARY

CONTACT ORGANIZATION Fugro Earthdata, Inc.

CONTACT POSITION Project Manager

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CITY Frederick

STATE OR PROVINCE MD

POSTAL CODE 21704

COUNTRY UNITED STATES

CONTACT VOICE TELEPHONE 301-948-8550

CONTACT FACSIMILE TELEPHONE 301-

HOURS OF SERVICE 8-5 M-F

PROCESS STEP

PROCESS DESCRIPTION



The aerial imagery acquisition for the Mississippi Statewide project (Part A) was flown to support the creation of digital orthophotography with a 2' GSD. The imagery was acquired in 31 lifts consisting of 285 lines running east, west. The imagery was flown at 18,900 feet above mean terrain. Imagery was flown with a 30% overlap between flight lines. All imagery was collected using the Leica ADS40 digital pushbroom sensor. The aerial imagery acquisition for Part B MS was flown to support the creation of digital orthophotography with a 2ft GSD. The imagery was acquired in 6 lifts consisting of 116 lines running east, west. The imagery was flown at 18900 Des. Alt AGL (ft). Imagery was flown with a 30% overlap between flight lines. All imagery was collected using the Leica ADS40 digital pushbroom sensor.

PROCESS DATE 2006

PROCESS STEP

PROCESS DESCRIPTION

Metadata imported.

SOURCE USED CITATION ABBREVIATION

C:\Final\_Files\_to\_use\MS\_hydro\_waterbody.xml

CLOUD COVER 0

*Hide Data Quality* ▲

HORIZONTAL COORDINATE SYSTEM DEFINITION

PLANAR

PLANAR COORDINATE INFORMATION

PLANAR COORDINATE ENCODING METHOD coordinate pair

COORDINATE REPRESENTATION

ABSCISSA RESOLUTION 0.000328

ORDINATE RESOLUTION 0.000328

PLANAR DISTANCE UNITS survey feet

GEODETIC MODEL

HORIZONTAL DATUM NAME D\_North\_American\_1983\_HARN

ELLIPSOID NAME Geodetic Reference System 80

SEMI-MAJOR AXIS 6378137.000000

DENOMINATOR OF FLATTENING RATIO 298.257222

VERTICAL COORDINATE SYSTEM DEFINITION

ALTITUDE SYSTEM DEFINITION

ALTITUDE DATUM NAME North American Vertical Datum of 1988

ALTITUDE RESOLUTION 0.000328

ALTITUDE DISTANCE UNITS Feet

ALTITUDE ENCODING METHOD Explicit elevation coordinate included with horizontal coordinates

*Hide Spatial Reference* ▲

DETAILED DESCRIPTION

ENTITY TYPE

ENTITY TYPE LABEL HydroWaterbody

ENTITY TYPE DEFINITION

Lines

ENTITY TYPE DEFINITION SOURCE Fugro EarthData, Inc.

ATTRIBUTE

ATTRIBUTE LABEL OBJECTID

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  
Sequential unique whole numbers that are automatically generated.

ATTRIBUTE  
ATTRIBUTE LABEL SOURCE\_DATADESC  
ATTRIBUTE DEFINITION  
Aerial Imagery  
ATTRIBUTE DEFINITION SOURCE Fugro EarthData  
ATTRIBUTE DOMAIN VALUES  
UNREPRESENTABLE DOMAIN  
Imagery

ATTRIBUTE  
ATTRIBUTE LABEL DATA\_SECURITY  
ATTRIBUTE DEFINITION  
Security classification code  
ATTRIBUTE DEFINITION SOURCE National data model values  
ATTRIBUTE DOMAIN VALUES  
ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE 0  
ENUMERATED DOMAIN VALUE DEFINITION  
Unknown  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
National data Model  
ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE 1  
ENUMERATED DOMAIN VALUE DEFINITION  
top secret  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
National data model  
ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE 2  
ENUMERATED DOMAIN VALUE DEFINITION  
secret  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
National data model  
ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE 3  
ENUMERATED DOMAIN VALUE DEFINITION  
confidential  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model  
ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE 4  
ENUMERATED DOMAIN VALUE DEFINITION  
restricted  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model  
ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE 5

ENUMERATED DOMAIN VALUE DEFINITION  
unclassified  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model

ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE 6  
ENUMERATED DOMAIN VALUE DEFINITION  
Sensitive

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model

ATTRIBUTE VALUE ACCURACY INFORMATION  
ATTRIBUTE VALUE ACCURACY 5  
ATTRIBUTE VALUE ACCURACY EXPLANATION  
unclassified

ATTRIBUTE MEASUREMENT FREQUENCY  
Unknown

ATTRIBUTE  
ATTRIBUTE LABEL DISTRIBUTION\_POLICY  
ATTRIBUTE DEFINITION  
access and use constraints of data E4  
ATTRIBUTE DEFINITION SOURCE national data model

ATTRIBUTE DOMAIN VALUES  
ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE A1  
ENUMERATED DOMAIN VALUE DEFINITION  
emergency service provider - internal use only

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model  
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE A2  
ENUMERATED DOMAIN VALUE DEFINITION  
emergency service provider - bitmap display via web  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model

ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE A3  
ENUMERATED DOMAIN VALUE DEFINITION  
emergency service provider - free distribution to third parties  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model

ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE A4  
ENUMERATED DOMAIN VALUE DEFINITION  
emergency service provider - free distribution to third parties via internet  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model

ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE B1  
ENUMERATED DOMAIN VALUE DEFINITION  
government agencies or thier delegated agents - internal use only  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model

ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE B2  
ENUMERATED DOMAIN VALUE DEFINITION  
government agencies or their delegated agents - bitmap display via web  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model

ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE B3  
ENUMERATED DOMAIN VALUE DEFINITION  
government agencies or their delegated agents - free distribution to third parties  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model

ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE B4  
ENUMERATED DOMAIN VALUE DEFINITION  
government agencies or their delegated agents - free distribution to third parties via internet  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model

ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE C1  
ENUMERATED DOMAIN VALUE DEFINITION  
other public or educational institutions - internal use only  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model

ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE C2  
ENUMERATED DOMAIN VALUE DEFINITION  
other public or educational institutions bitmap display via web  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model

ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE C3  
ENUMERATED DOMAIN VALUE DEFINITION  
other public or educational institutions - free distributions to third parties  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model

ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE C4  
ENUMERATED DOMAIN VALUE DEFINITION  
other public or educational institutions - free distribution to third parties via internet  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model

ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE D1  
ENUMERATED DOMAIN VALUE DEFINITION  
data contributors - internal use only  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model

ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE D2  
ENUMERATED DOMAIN VALUE DEFINITION  
data contributors - bitmap display via internet  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model

ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE D3  
ENUMERATED DOMAIN VALUE DEFINITION  
data contributors - free distribution to third parties  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model

ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE D4  
ENUMERATED DOMAIN VALUE DEFINITION  
data contributors - free distribution to third parties via internet

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE E1

ENUMERATED DOMAIN VALUE DEFINITION

Public domain - internall use only

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE E2

ENUMERATED DOMAIN VALUE DEFINITION

Public domain - bitmap display via web

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE E3

ENUMERATED DOMAIN VALUE DEFINITION

Public domain - free distribution to third parties

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE E4

ENUMERATED DOMAIN VALUE DEFINITION

Public domain - free distribution to third parties via internet

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model

ATTRIBUTE VALUE ACCURACY INFORMATION

ATTRIBUTE VALUE ACCURACY 4

ATTRIBUTE VALUE ACCURACY EXPLANATION

Public domain - free distribution to third parties via internet

ATTRIBUTE MEASUREMENT FREQUENCY

None planned

ATTRIBUTE

ATTRIBUTE LABEL LOADDATE

ATTRIBUTE DEFINITION

Date

ATTRIBUTE DEFINITION SOURCE ESRI

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE Date

ENUMERATED DOMAIN VALUE DEFINITION

Image capture and processing date

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

Date of service

ATTRIBUTE

ATTRIBUTE LABEL QUALITY

ATTRIBUTE DEFINITION

Attribute code on the quality of the data base on MDEM standards

ATTRIBUTE DEFINITION SOURCE national data model

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

MDEM

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

National Data Model

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2  
ENUMERATED DOMAIN VALUE DEFINITION  
Non MDEM  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model  
ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE 0  
ENUMERATED DOMAIN VALUE DEFINITION  
unknown  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model  
ATTRIBUTE VALUE ACCURACY INFORMATION  
ATTRIBUTE VALUE ACCURACY 1  
ATTRIBUTE VALUE ACCURACY EXPLANATION  
MDEM  
ATTRIBUTE MEASUREMENT FREQUENCY  
None planned

ATTRIBUTE  
ATTRIBUTE LABEL SCALE  
ATTRIBUTE DEFINITION  
1:4800  
ATTRIBUTE DEFINITION SOURCE national data model  
ATTRIBUTE DOMAIN VALUES  
ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE 0  
ENUMERATED DOMAIN VALUE DEFINITION  
unknown or scale NA  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model  
ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE 1  
ENUMERATED DOMAIN VALUE DEFINITION  
small scale  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model  
ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE 2  
ENUMERATED DOMAIN VALUE DEFINITION  
medium scale  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model  
ENUMERATED DOMAIN  
ENUMERATED DOMAIN VALUE 3  
ENUMERATED DOMAIN VALUE DEFINITION  
large scale  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE  
national data model  
ATTRIBUTE VALUE ACCURACY INFORMATION  
ATTRIBUTE VALUE ACCURACY 2  
ATTRIBUTE VALUE ACCURACY EXPLANATION  
medium  
ATTRIBUTE MEASUREMENT FREQUENCY  
None planned

ATTRIBUTE  
ATTRIBUTE LABEL FTYPE  
ATTRIBUTE DEFINITION  
Feature Type

ATTRIBUTE DEFINITION SOURCE ESRI  
ATTRIBUTE DOMAIN VALUES  
UNREPRESENTABLE DOMAIN  
ESRI Designation

ATTRIBUTE  
ATTRIBUTE LABEL FCODE  
ATTRIBUTE DEFINITION  
Feature Code  
ATTRIBUTE DEFINITION SOURCE ESRI  
ATTRIBUTE DOMAIN VALUES  
UNREPRESENTABLE DOMAIN  
ESRI Designation

ATTRIBUTE  
ATTRIBUTE LABEL Level  
ATTRIBUTE DEFINITION  
Microstation designation  
ATTRIBUTE DEFINITION SOURCE Microstation  
ATTRIBUTE DOMAIN VALUES  
UNREPRESENTABLE DOMAIN  
Microstation level

ATTRIBUTE  
ATTRIBUTE LABEL SHAPE\_Length  
ATTRIBUTE DEFINITION  
Length of feature in internal units.  
ATTRIBUTE DEFINITION SOURCE ESRI  
ATTRIBUTE DOMAIN VALUES  
UNREPRESENTABLE DOMAIN  
Positive real numbers that are automatically generated.

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.

*Hide Entities and Attributes ▲*

DISTRIBUTOR  
CONTACT INFORMATION  
CONTACT ORGANIZATION PRIMARY  
CONTACT ORGANIZATION Mississippi Geospatial Clearinghouse, Mississippi Department  
Information Technology Service  
CONTACT ADDRESS  
ADDRESS TYPE physical address  
ADDRESS 301 N. Lamar Street, Suite 508  
CITY Jackson  
STATE OR PROVINCE MS  
POSTAL CODE 39201-1495  
COUNTRY UNITED STATES

CONTACT VOICE TELEPHONE (601) 359-1395  
CONTACT FACSIMILE TELEPHONE (601) 354-6016  
HOURS OF SERVICE 8:00 - 5:00

RESOURCE DESCRIPTION Mississippi Statewide Digital Terrain Model (DTM) and Contour Mapping 2006-2007

DISTRIBUTION LIABILITY

The Mississippi Office of Geology provides the data to any interested party as is in the present format.

STANDARD ORDER PROCESS

DIGITAL FORM

DIGITAL TRANSFER INFORMATION

FORMAT NAME ARCE

FORMAT VERSION NUMBER gdb

FORMAT SPECIFICATION

available in a variety of formats

DIGITAL TRANSFER OPTION

ONLINE OPTION

COMPUTER CONTACT INFORMATION

NETWORK ADDRESS

NETWORK RESOURCE NAME <http://www.gis.ms.gov>

OFFLINE OPTION

OFFLINE MEDIA portable hard drive

RECORDING CAPACITY

RECORDING DENSITY 1

RECORDING DENSITY UNITS NA

RECORDING FORMAT MS

COMPATIBILITY INFORMATION

MS

FEES none

ORDERING INSTRUCTIONS

see Geospatial Clearinghouse website for instructions.

AVAILABLE TIME PERIOD

TIME PERIOD INFORMATION

SINGLE DATE/TIME

CALENDAR DATE 2010

*Hide Distribution Information ▲*

METADATA DATE 2011-02-20

METADATA REVIEW DATE 2010-08-10

METADATA CONTACT

CONTACT INFORMATION

CONTACT ORGANIZATION PRIMARY

CONTACT ORGANIZATION Fugro EarthData, Inc.

CONTACT PERSON John Knowlton

CONTACT POSITION Project Manager

CONTACT ADDRESS

ADDRESS TYPE mailing and physical address

ADDRESS 7320 Executive Way

CITY Frederick

STATE OR PROVINCE MD

POSTAL CODE 21704

COUNTRY UNITED STATES

CONTACT VOICE TELEPHONE 301-948-8550 x212



CONTACT FACSIMILE TELEPHONE 301-963-2064  
CONTACT ELECTRONIC MAIL ADDRESS [jknowlton@earthdata.com](mailto:jknowlton@earthdata.com)  
HOURS OF SERVICE Monday through Friday, 8:30am to 5:00pm

METADATA STANDARD NAME FGDC Content Standards for Digital Geospatial Metadata  
METADATA STANDARD VERSION FGDC-STD-001-1998  
METADATA TIME CONVENTION local time

METADATA USE CONSTRAINTS

None

METADATA EXTENSIONS

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

PROFILE NAME ESRI Metadata Profile

METADATA EXTENSIONS

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

PROFILE NAME ESRI Metadata Profile

[Hide Metadata Reference ▲](#)