HydroLine

File Geodatabase Feature Class

Thumbnail Not Available

Tags

elevation, Digital Elevation Model, Digital Terrain Model, DTM, Topography, Altitude, Height, Rivers

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 addtional 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 -90.779039 **East** -89.963225
North 33.043401 **South** 32.495979

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 HydroLine

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 HydroLine
 * 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 58.919961
   * MAXIMUM VALUE 377.919979

EXTENT
 GEOGRAPHIC EXTENT
  BOUNDING RECTANGLE
   EXTENT TYPE Extent used for searching
   * WEST LONGITUDE -90.779039
   * EAST LONGITUDE -89.963225
   * NORTH LATITUDE 33.043401
   * SOUTH LATITUDE 32.495979
   * EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM
 * WEST LONGITUDE 2159999.999841
 * EAST LONGITUDE 2409999.999840
 * SOUTH LATITUDE 1090000.000040
 * NORTH LATITUDE 1288883.590133
 * 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 0.00328083333333333
    Z TOLERANCE 0.00328083333333333
    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["G CS_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_Meridia n",- 90.33333333333333],PARAMETER["Scale_Factor",0.99995],PARAMETER["Latitude_Of_O rigin",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 HydroLine
    * OBJECT TYPE composite
    * OBJECT COUNT 48628

  Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES ►
  FEATURE CLASS NAME HydroLine
    * FEATURE TYPE Simple
    * GEOMETRY TYPE Polyline
    * HAS TOPOLOGY FALSE
    * FEATURE COUNT 48628

* Sᴘᴀᴛɪᴀʟ ɪɴᴅᴇx   TRUE
* Lɪɴᴇᴀʀ ʀᴇғᴇʀᴇɴᴄɪɴɢ   TRUE

Hide ArcGIS Feature Class Properties ▲

Hide Spatial Data Properties ▲

Distribution ▶

Dɪsᴛʀɪʙᴜᴛᴏʀ   ▶
  Aᴠᴀɪʟᴀʙʟᴇ ғᴏʀᴍᴀᴛ
    * Nᴀᴍᴇ   File Geodatabase Feature Class

  Tʀᴀɴsғᴇʀ ᴏᴘᴛɪᴏɴs
    Oɴʟɪɴᴇ sᴏᴜʀᴄᴇ
      * Lᴏᴄᴀᴛɪᴏɴ
      file://\\ARMISTEAD\E\09_0024_Miss_Co_BLKs\WEST\Block1W\1BW\1BW_FINAL\Counti
      es\Yazoo.gdb
      * Aᴄᴄᴇss ᴘʀᴏᴛᴏᴄᴏʟ   Local Area Network
      * Dᴇsᴄʀɪᴘᴛɪᴏɴ   Downloadable Data

  Hide Distributor ▲

Dɪsᴛʀɪʙᴜᴛɪᴏɴ ғᴏʀᴍᴀᴛ
  * Nᴀᴍᴇ   File Geodatabase Feature Class

Hide Distribution ▲

Fields ▶

Dᴇᴛᴀɪʟs ғᴏʀ ᴏʙᴊᴇᴄᴛ HydroLine ▶
  * Tʏᴘᴇ   Feature Class
  * Rᴏᴡ ᴄᴏᴜɴᴛ   48628
  Dᴇғɪɴɪᴛɪᴏɴ
      Lines

  Dᴇғɪɴɪᴛɪᴏɴ sᴏᴜʀᴄᴇ
      Fugro EarthData, Inc.

  Fɪᴇʟᴅ OBJECTID ▶
    * Aʟɪᴀs   OBJECTID
    * Dᴀᴛᴀ ᴛʏᴘᴇ   OID
    * Wɪᴅᴛʜ   4
    * Pʀᴇᴄɪsɪᴏɴ   0
    * Sᴄᴀʟᴇ   0
    Fɪᴇʟᴅ ᴅᴇsᴄʀɪᴘᴛɪᴏɴ
        Internal feature number.

    Dᴇsᴄʀɪᴘᴛɪᴏɴ sᴏᴜʀᴄᴇ

ESRI

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)

Stream (460)

0

Stream Centerline (461)

0

Obscure River Centerline (462)

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)

Stream (460)
E4
Stream Centerline (461)
E4
Obscure River Centerline (462)
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

national data model

* SUBTYPE NAME (SUBTYPE CODE)

Stream (460)

0

Stream Centerline (461)

0

Obscure River Centerline (462)

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

SUBTYPE INFORMATION

* SUBTYPE NAME (SUBTYPE CODE)

Stream (460)

0

Stream Centerline (461)

0

Obscure River Centerline (462)

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 FLOWDIR ▶
   * ALIAS   FlowDir
   * DATA TYPE   Integer

* WIDTH   4
* PRECISION   0
* SCALE   0
FIELD DESCRIPTION
    stream direction of flow

DESCRIPTION SOURCE
    Compilation

SUBTYPE INFORMATION

* SUBTYPE NAME (SUBTYPE CODE)

Stream (460)

    0

Stream Centerline (461)

    0

Obscure River Centerline (462)

    0

  * DOMAIN NAME   HydroFlowDirections Domain
    * DESCRIPTION
    * TYPE   Coded Value
    * MERGE RULE   Default value
    * SPLIT RULE   Duplicate

DESCRIPTION OF VALUES
    Stream direction of flow

    Hide Field FLOWDIR ▲

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)

Stream (460)

460

Stream Centerline (461)

460

Obscure River Centerline (462)

460

DESCRIPTION OF VALUES
ESRI Desgination

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)

Stream (460)

46000

Stream Centerline (461)

46000

Obscure River Centerline (462)

46000

DESCRIPTION OF VALUES
ESRI Designation

Hide Field FCODE ▲

FIELD Level ▶
* ALIAS Level
* DATA TYPE Integer

* **WIDTH**   4
* **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 ▲

Hide Details for object HydroLine ▲

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

Hide Metadata Details ▲

FGDC Metadata (read-only) ▼

CITATION
CITATION INFORMATION
ORIGINATOR   Fugro EarthData, Inc.
PUBLICATION DATE   2010
PUBLICATION TIME   Unknown
TITLE
HydroLine
   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\Counti
   es\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 addtional
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: he 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   -90.779039
EAST BOUNDING COORDINATE   -89.963225
NORTH BOUNDING COORDINATE   33.043401
SOUTH BOUNDING COORDINATE   32.495979

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   Rivers

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
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 measurment 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 methodolgy 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
    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

CONTACT VOICE TELEPHONE   301-948-8550
CONTACT FACSIMILE TELEPHONE   301-863-2064
CONTACT ELECTRONIC MAIL ADDRESS   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
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

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

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

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

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

   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

   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

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

   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
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-
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_line.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   HydroLine
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 distibutions 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   FLOWDIR
ATTRIBUTE DEFINITION
stream direction of flow
ATTRIBUTE DEFINITION SOURCE   Compilation
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Stream direction of flow

ATTRIBUTE
ATTRIBUTE LABEL   FTYPE
ATTRIBUTE DEFINITION
Feature type
ATTRIBUTE DEFINITION SOURCE   ESRI
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
ESRI Desgination

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.

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
  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 ▲