

Adams_2D_Contours_2ft

Type File Geodatabase Feature Class

Tags Digital Elevation Model, Topography, Altitude, Height, Contour, Elevation

Summary

The purpose of this project was to develop Mississippi statewide contour generation of 1 and 2 Feet from Digital Elevation Model (DEM).

Description

This metadata record describes the production of a Digital Elevation Model (DEM) and contours for the state of Mississippi. The DEM was compiled at a scale 4 feet resolution from LIDAR from a statewide project. LIDAR Data contribution from Mississippi Department Environmental Quality LIDAR acquisition occurred in T2016_Southwest Lidar. The following contributed to the Mississippi Statewide dataset: 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 -91.651242 East -91.150284

North 31.751376 South 31.192835

Scale Range

Maximum (zoomed in) 1:5,000

Minimum (zoomed out) 1:150,000,000

Topics and Keywords ►

Themes or categories of the resource Elevation

Content type ⇔ Downloadable Data

Theme keywords Digital Elevation Model, Topography, Altitude, Height, Contour, Elevation

Citation ►

Title Adams_2D_Contours_2ft

Presentation formats digital map

FGDC geospatial presentation format vector digital data

Resource Details ►

Dataset languages ⇌ English (UNITED STATES)

Spatial representation type vector

Processing environment Esri ArcGIS 13.2.0.49743

ArcGIS item properties

Name ⇌ Adams_2D_Contours_2ft

Location ⇌ file:/A\\GIS-LENOVO\C\$\PK_Work\Contours_QCA\Adams_Contours_MSW_ft.gdb

Access protocol ⇌ Local Area Network

Extents ►

Extent

Geographic extent

Bounding rectangle

Extent type

Extent used for searching

West longitude ⇌ -91.651242

East longitude ⇌ -91.150284

North latitude ⇌ 31.751376

South latitude ⇌ 31.192835

Extent contains the resource ⇌ Yes

Extent in the item's coordinate system

westBL ⇌ 1886897.437779

eastBL ⇌ 2041141.655209

southBL ⇌ 618092.483555

northBL ⇌ 819801.405924

exTypeCode ⇌ Yes

Resource Constraints ►

Constraints

Limitations of use

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

Spatial Reference ►

ArcGIS coordinate system

Type ⇌ Projected

Geographic coordinate reference ⇌ GCS_North_American_1983

Projection ⇌ NAD_1983_StatePlane_Mississippi_West_FIPS_2302_Feet

Coordinate reference details ⇌

ProjectedCoordinateSystem

WKID 102695

XOrigin -17463400
 YOrigin -43523900
 XYScale 3048.0060960121928
 ZOrigin -100000
 ZScale 10000
 MOrigin -100000
 MScale 10000
 XYTolerance 0.0032808333333333331
 ZTolerance 0.0032808333333333331
 MTolerance 0.001
 HighPrecision true
 LatestWKID 2255
 VCSWKID 105703
 LatestVCSWKID 6360
 WKT
 PROJCS["NAD_1983_StatePlane_Mississippi_West_FIPS_2302_Feet",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",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",2255]],VERTCS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192],AUTHORITY["EPSG",6360]]

Reference system identifier
 Value ⇔ 2255
 Codespace ⇔ EPSG
 Version ⇔ 5.3(9.0.0)

Spatial Data Properties ►

Vector ►

Level of topology for this dataset ⇔ geometry only

Geometric objects

Feature class name Adams_2D_Contours_2ft
 Object type ⇔ composite
 Object count ⇔ 302801

ArcGIS Feature Class Properties ►

Feature class name Adams_2D_Contours_2ft
 Feature type ⇔ Simple
 Geometry type ⇔ Polyline
 Has topology ⇔ FALSE
 Feature count ⇔ 302801
 Spatial index ⇔ TRUE
 Linear referencing ⇔ FALSE

Geoprocessing history ►

Process

Process name

Date 2024-07-24 13:19:40

Tool location c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\Spatial Analyst Tools.tbx\Contour

Command issued

Contour Adams_DEM_Final "C:\Users\lavaskiec\OneDrive - Trilon Group Family of Companies\Documents\ArcGIS\Projects\Contour Development\Adams\Adams_Contours.gdb\Adams_Contours_2D_2ft" 2 0 1
Contour #

Include in lineage when exporting metadata No

Process

Process name

Date 2024-07-25 06:54:20

Tool location c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\Cartography Tools.tbx\SmoothLine

Command issued

SmoothLine Adams_Contours_2D_2ft "C:\Users\lavaskiec\OneDrive - Trilon Group Family of Companies\Documents\ArcGIS\Projects\Contour Development\Adams\Adams_Contours.gdb\Adams_Contours_2ft_Smooth_50ft"
"Polynomial Approximation with Exponential Kernel (PAEK)" "50 Feet"
FIXED_CLOSED_ENDPOINT "Do not check for topological errors" #

Include in lineage when exporting metadata No

Process

Process name

Date 2024-07-25 15:52:51

Tool location c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\Data Management Tools.tbx\Project

Command issued

Project "Adams County\Adams_Contours_2ft_Smooth_50ft"
"C:\Users\lavaskiec\OneDrive - Trilon Group Family of Companies\Documents\ArcGIS\Projects\Contour Development\Adams_Contours_MSW_ft.gdb\Contours_2D\Adams_Contours_2ft_Smooth_50ft"
PROJCS["NAD_1983_StatePlane_Mississippi_West_FIPS_2302_Feet",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",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]]
'WGS_1984_(ITRF08)_To_NAD_1983_2011 + WGS_1984_(ITRF00)_To_NAD_1983'
PROJCS["NAD_1983_2011_StatePlane_Mississippi_West_FIPS_2302_Ft_US",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Transverse_Mercator"],PARAMETER["False_Easting",

g",2296583.333],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]],VERTCS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]] NO_PRESERVE_SHAPE # NO_VERTICAL

Include in lineage when exporting metadata No

Process

Process name

Date 2024-07-25 16:01:18

Tool location c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\Analysis

Tools.tbx\Clip

Command issued

Clip "Adams County\Adams_Contours_2ft_Smooth_50ft" "Adams County\Adams_Boundary" "C:\Users\lavaskiec\OneDrive - Trilon Group\Family of Companies\Documents\ArcGIS\Projects\Contour Development\Adams_Contours_MSW_ft.gdb\Contours_2D\Adams_Contours_2ft_Smooth_50ft_clip" #

Include in lineage when exporting metadata No

Process

Process name

Date 2024-08-25 17:54:06

Tool location c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\Conversion

Tools.tbx\ExportFeatures

Command issued

ExportFeatures Adams_Contours_2ft_Smooth_50ft_clip
C:\PK_Work\Contours_QCA\Adams_Contours_MSW_ft.gdb\Contours_2D\Adams_2D_Contours_2ft # NOT_USE_ALIAS "Id "Id" true true false 4 Long 0
0,First,#,Adams_Contours_2ft_Smooth_50ft_clip,Id,-1,-1;Contour
"Contour" true true false 8 Double 0
0,First,#,Adams_Contours_2ft_Smooth_50ft_clip,Contour,-1,-1;Inline_FID
"Inline_FID" true true false 4 Long 0
0,First,#,Adams_Contours_2ft_Smooth_50ft_clip,Inline_FID,-1,-1;Shape_Length "Shape_Length" false true true 8 Double 0
0,First,#,Adams_Contours_2ft_Smooth_50ft_clip,Shape_Length,-1,-1" #

Include in lineage when exporting metadata No

Process

Process name

Date 2024-08-25 17:56:31

Tool location c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\Data Management

Tools.tbx\UpdateSchema

Command issued

UpdateSchema "CIMDATA=<CIMFeatureDatasetDataConnection
xsi:type='typens:CIMFeatureDatasetDataConnection'
xmlns:xsi='http://www.w3.org/2001/XMLSchema-instance'
xmlns:xs='http://www.w3.org/2001/XMLSchema'
xmlns:typens='http://www.esri.com/schemas/ArcGIS/3.2.0'><FeatureDataset>Contours_2D</FeatureDataset><WorkspaceConnectionString>DATABASE=C:\PK_Work\Contours_QCA\Adams_Contours_MSW_ft.gdb</WorkspaceConnectionStri

```

ng><WorkspaceFactory>FileGDB</WorkspaceFactory><Dataset>Adams_2D_Conto
urs_2ft</Dataset><DatasetType>esriDTFeatureClass</DatasetType></CIMFea
tureDatasetDataConnection>"
"<operationSequence><workflow><AddField><field_name>DATA_SECURITY</fie
ld_name><field_type>SHORT</field_type><field_alias>Data_Security</fiel
d_alias><field_is_nullable>True</field_is_nullable><field_is_required>
False</field_is_required><field_domain>Sec_Classification
Domain</field_domain><field_default_value>0</field_default_value></Add
Field></workflow><workflow><AddField><field_name>DISTRIBUTION_POLICY</
field_name><field_type>TEXT</field_type><field_length>4</field_length>
<field_alias>Distribution_Policy</field_alias><field_is_nullable>True<
/field_is_nullable><field_is_required>False</field_is_required><field_
domain>Distribution_Policy
Domain</field_domain><field_default_value>E4</field_default_value></Ad
dField></workflow><workflow><AddField><field_name>LOADDATE</field_name
><field_type>DATE</field_type><field_alias>LOADDATE</field_alias><fiel
d_is_nullable>True</field_is_nullable><field_is_required>False</field_
is_required></AddField></workflow><workflow><AddField><field_name>CONT
OURINTERVAL</field_name><field_type>LONG</field_type><field_alias>CONT
OURINTERVAL</field_alias><field_is_nullable>True</field_is_nullable><f
ield_is_required>False</field_is_required><field_domain>ContourInterva
l
Domain</field_domain></AddField></workflow><workflow><AddField><field_
name>CONTOURTYPE</field_name><field_type>LONG</field_type><field_alias
>CONTOURTYPE</field_alias><field_is_nullable>True</field_is_nullable><
field_is_required>False</field_is_required><field_domain>ContourType
Domain</field_domain><field_default_value>1</field_default_value></Add
Field></workflow><workflow><AddField><field_name>CONTOURUNITS</field_n
ame><field_type>LONG</field_type><field_alias>CONTOURUNITS</field_alia
s><field_is_nullable>True</field_is_nullable><field_is_required>False<
/field_is_required><field_domain>ContourUnits
Domain</field_domain></AddField></workflow><workflow><AddField><field_
name>Elevation</field_name><field_type>DOUBLE</field_type><field_alias
>Elevation</field_alias><field_is_nullable>True</field_is_nullable><fi
eld_is_required>False</field_is_required></AddField></workflow><workfl
ow><AddField><field_name>COUNTY_NAME</field_name><field_type>TEXT</fie
ld_type><field_length>100</field_length><field_alias>COUNTY_NAME</fiel
d_alias><field_is_nullable>True</field_is_nullable><field_is_required>
False</field_is_required></AddField></workflow></operationSequence>"

```

Include in lineage when exporting metadata No

Process

Process name Calculate Field (2)

Date 2024-08-25 18:01:36

Tool location c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\Data Management Tools.tbx\CalculateField

Command issued

CalculateField Adams_2D_Contours_2ft DATA_SECURITY 5 Python # Text
NO_ENFORCE_DOMAINS

Include in lineage when exporting metadata No

Process

Process name Calculate Field (3)

Date 2024-08-25 18:01:45

Tool location c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\Data Management Tools.tbx\CalculateField

Command issued

CalculateField Adams_2D_Contours_2ft DISTRIBUTION_POLICY "E4" Python #
Text NO_ENFORCE_DOMAINS

Include in lineage when exporting metadata No

Process

Process name LoadDaate

Date 2024-08-25 18:02:14

Tool location c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\Data Management Tools.tbx\CalculateField

Command issued

CalculateField Adams_2D_Contours_2ft LOADDATE "08/09/2024" Python #
Text NO_ENFORCE_DOMAINS

Include in lineage when exporting metadata No

Process

Process name ContourInterval

Date 2024-08-25 18:02:24

Tool location c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\Data Management Tools.tbx\CalculateField

Command issued

CalculateField Adams_2D_Contours_2ft CONTOURINTERVAL 2 Python # Text
NO_ENFORCE_DOMAINS

Include in lineage when exporting metadata No

Process

Process name Calculate Field (8)

Date 2024-08-25 18:02:34

Tool location c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\Data Management Tools.tbx\CalculateField

Command issued

CalculateField Adams_2D_Contours_2ft CONTOURUNITS 1 Python # Text
NO_ENFORCE_DOMAINS

Include in lineage when exporting metadata No

Process

Process name Calculate Field (9)

Date 2024-08-25 18:02:45

Tool location c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\Data Management Tools.tbx\CalculateField

Command issued

CalculateField Adams_2D_Contours_2ft Elevation !Contour! Python # Text
NO_ENFORCE_DOMAINS

Include in lineage when exporting metadata No

Process

Process name ContourType

Date 2024-08-25 18:02:57

Tool location c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\Data Management Tools.tbx\CalculateField
Command issued
CalculateField Adams_2D_Contours_2ft CONTOURTYPE getVal(!Elevation!)
Python "def getVal(Elevation): if Elevation%10 == 0: return 2 else:
return 1" Text NO_ENFORCE_DOMAINS
Include in lineage when exporting metadata No

Process

Process name CountyName
Date 2024-08-25 18:03:07
Tool location c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\Data Management Tools.tbx\CalculateField
Command issued
CalculateField Adams_2D_Contours_2ft COUNTY_NAME "Adams" Python # Text
NO_ENFORCE_DOMAINS
Include in lineage when exporting metadata No

Process

Process name
Date 2024-08-25 18:04:12
Tool location c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\Data Management Tools.tbx>DeleteField
Command issued
DeleteField Adams_2D_Contours_2ft Contour "Delete Fields"
Include in lineage when exporting metadata No

Distribution ►

Distribution format

Name ⇔ File Geodatabase Feature Class

Fields ►

Details for
object Adams_2D_Contours_2ft ►

Type ⇔ Feature Class
Row count ⇔ 302801

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.

Field Shape ►
Alias ⇔ Shape
Data type ⇔ Geometry
Width ⇔ 0
Precision ⇔ 0
Scale ⇔ 0

Field description
Feature geometry.

Description source
Esri

Description of values
Coordinates defining the features.

Field Id ►
Alias ⇔ Id
Data type ⇔ Integer
Width ⇔ 4
Precision ⇔ 0
Scale ⇔ 0

Field InLine_FID ►
Alias ⇔ InLine_FID
Data type ⇔ Integer
Width ⇔ 4
Precision ⇔ 0
Scale ⇔ 0

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.

Field DATA_SECURITY ►

Alias ⇔ Data_Security
Data type ⇔ SmallInteger
Width ⇔ 2
Precision ⇔ 0
Scale ⇔ 0

Field DISTRIBUTION_POLICY ►

Alias ⇔ Distribution_Policy
Data type ⇔ String
Width ⇔ 4
Precision ⇔ 0
Scale ⇔ 0

Field LOADDATE ►

Alias ⇔ LOADDATE
Data type ⇔ Date
Width ⇔ 8
Precision ⇔ 0
Scale ⇔ 0

Field CONTOURINTERVAL ►

Alias ⇔ CONTOURINTERVAL
Data type ⇔ Integer
Width ⇔ 4
Precision ⇔ 0
Scale ⇔ 0

Field CONTOURTYPE ►

Alias ⇔ CONTOURTYPE
Data type ⇔ Integer
Width ⇔ 4
Precision ⇔ 0
Scale ⇔ 0

Field CONTOURUNITS ►

Alias ⇔ CONTOURUNITS
Data type ⇔ Integer
Width ⇔ 4

Precision ⇔ 0
Scale ⇔ 0

Field Elevation ►

Alias ⇔ Elevation
Data type ⇔ Double
Width ⇔ 8
Precision ⇔ 0
Scale ⇔ 0

Field COUNTY_NAME ►

Alias ⇔ COUNTY_NAME
Data type ⇔ String
Width ⇔ 100
Precision ⇔ 0
Scale ⇔ 0

Metadata Details ►

Metadata language
⇔ English (UNITED STATES)
Metadata character set utf8 - 8 bit
UCS Transfer Format

Scope of the data described by the
metadata dataset
Scope name ⇔ dataset

Last update ⇔ 2024-08-25

ArcGIS metadata properties

Metadata format ArcGIS 1.0
Standard or profile used to edit metadata ItemDescription

Created in ArcGIS for the item 2024-07-25 15:48:56
Last modified in ArcGIS for the item 2024-08-25 18:10:32

Automatic updates
Have been performed Yes
Last update 2024-08-25 18:08:27