

Adams_3D_Contours_1ft

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 -91.150283

North 31.751379 South 31.192816

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_3D_Contours_1ft

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_3D_Contours_1ft

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

Access protocol ⇌ Local Area Network

Extents ►

Extent

Vertical extent

Minimum value ⇌ 39.000000

Maximum value ⇌ 453.000000

Extent

Geographic extent

Bounding rectangle

Extent type

Extent used for searching

West longitude ⇌ -91.651242

East longitude ⇌ -91.150283

North latitude ⇌ 31.751379

South latitude ⇌ 31.192816

Extent contains the resource ⇌ Yes

Extent in the item's coordinate system

westBL ⇌ 1886897.437779

eastBL ⇌ 2041141.679815

southBL ⇌ 618085.712243

northBL ⇌ 819802.397392

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 0.001
MTolerance 0.001
HighPrecision true
LatestWKID 2255
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",2296583.3333333333],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]]

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_3D_Contours_1ft

Object type ⇔ composite

Object count ⇔ 606500

ArcGIS Feature Class Properties ►

Feature class name Adams_3D_Contours_1ft

Feature type ⇔ Simple

Geometry type ⇔ Polyline

Has topology ⇔ FALSE

Feature count ⇔ 606500

Spatial index ⇔ TRUE

Linear referencing ⇔ FALSE

Geoprocessing history ▶

Process

Process name

Date 2024-08-09 13:28:49

Tool location c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\3D Analyst
Tools.tbx\FeatureTo3DByAttribute

Command issued

FeatureTo3DByAttribute Adams_2D_Contours_1ft
C:\PK_Work\Contours_QCA\Adams_Contours_MSW_ft.gdb\Contours_3D\Adams_3D_Contours_1ft Elevation #

Include in lineage when exporting metadata No

Distribution ▶

Distribution format

Name ⇔ File Geodatabase Feature Class

Fields ▶

Details for object Adams_3D_Contours_1ft ▶

Type ⇔ Feature Class

Row count ⇔ 606500

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 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

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.

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 ⇔ 2024-08-09

ArcGIS metadata properties

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

Created in ArcGIS for the item 2024-08-09 13:28:49
Last modified in ArcGIS for the item 2024-08-09 13:33:21

Automatic updates
Have been performed Yes
Last update 2024-08-09 13:32:18