

METADATA

CONTOURS

Digital Geospatial Metadata: North Central Texas Orthophotography

Identification Information

Citation

Originator: North Central Texas Council of Governments
Publication Date: Fiscal Year 2001-2002
Title: Cooperative Purchase Program
Geospatial Data Presentation Form: Map
Publication Information:
Publication Place: Arlington, Texas
Publisher: North Central Texas Council of Governments
Online Linkage: <http://gis.nctcog.org>

Description

Abstract: LIDAR technology was employed to collect elevation point data from the Earth's surface.
Purpose: Maps and Analysis
Time Period of Content:
Single Date/Time:
Calendar Date: 20010904
Currentness Reference: Ground Condition
Status:
Progress: Complete
Maintenance and Update Frequency: Every 5, 10, or 15 years, depending upon the member's request.
Spatial Domain:
Bounding Coordinates:
West Bounding Coordinate: <Depends Upon The Extent of Your Boundaries>
East Bounding Coordinate: <Depends Upon The Extent of Your Boundaries>
North Bounding Coordinate: <Depends Upon The Extent of Your Boundaries>
South Bounding Coordinate: <Depends Upon The Extent of Your Boundaries>
Keywords:
Theme:
Theme Keyword: Digital Elevation Model (DEM)
Theme Keyword: Contours
Place:
Place Keyword: <Insert Agency Name>
Access Constraints: Public domain entities purchase products from NCTCOG; private sector entities purchase products through Vargis.
Use Constraints: Copyright NCTCOG
Point of Contact:

Contact Person Primary:
Contact Person: John Hunt
Contact Organization: North Central Texas Council of Governments
Contact Position: Manager of Geographic Information Services
Contact Address:
Address Type: Mailing Address
Address: 616 Six Flags Drive, Suite 200
City: Arlington
State or Province: Texas
Postal Code: 76011
Country: USA
Contact Voice Telephone: (817) 695-9163
Contact Facsimile Telephone: (817) 640-4228
Contact Electronic Mail Address: jhunt@nctcog.org
Native Data Set Environment: Reflective surface DEMs, bare-earth DEMs, and 2-foot contours

Data Quality Information

Attribute Accuracy:
Attribute Accuracy Report: A combination of ground Geographic Positioning System (GPS) surveys, airborne GPS controls, and inertial measurement unit technology were applied to position the collection points horizontally and vertically.

Logical Consistency Report:
Completeness Report: Collection points average 3 to 5 meter spacing with expected vertical accuracy of 15-20 cm vertical in open areas. Coordinates of each point were collected 8,000' above mean terrain using aeroscan LIDAR instrument.

Positional Accuracy:
Horizontal Positional Accuracy:
Horizontal Positional Accuracy Report: The bare-earth DEMs were used to interpolate contours at 2-foot intervals. During production, contour lines were edge-matched to ensure a high level of accuracy and consistency. Occurrences of crossing contours were located and corrected. The edited vector files meet NMAS for 2-foot contours, except in areas where vegetation obscures the ground and contours are coded as Obscured.

Quantitative Horizontal Positional
Accuracy Assessment:

Horizontal Positional
Accuracy Value:
Horizontal Positional
Accuracy Explanation:

The bare-earth DEMs were used to interpolate contours at 2-foot intervals. During production, contour lines were edge-matched to ensure a high level of accuracy and consistency. Occurrences of crossing contours were located and corrected. The edited vector files meet NMAS for 2-foot contours, except in areas where vegetation obscures the ground and contours are coded as Obscured.

Lineage:

Source Information:

Source Citation:

Citation Information:

Originator: North Central Texas Council of Governments
Publication Date: Fiscal Year 2001-2002
Title: 2-foot Contours

Publication Information:

Publication Place: Arlington, Texas
Publisher: North Central Texas Council of Governments

Source Scale Denominator:

Type of Source Media:

Source Time Period of Content:

Time Period Information:

Single Date/Time:

Calendar Date: 20010215

Source Currentness

Reference: Ground Condition

Source Citation Abbreviation:

Source Contribution:

Process Step:

Process Description: Contact NCTCOG

Source Used Citation Abbreviation:

Process Date: 20010215

Spatial Data Organization Information

Direct Spatial Reference Method: Vector

Vector Object Information:

Vector Object Type: Point (ASCII Format comma delimited) E00 lines

Spatial Reference Information

Horizontal Coordinate System Definition:

Planar:

Grid Coordinate System:

Grid Coordinate System Name:	State Plane
State Plane Coordinate System:	
Spcs Zone Identifier:	Texas, North Central (Zone 5351)
Lambert Conformal Conic:	
Standard Parallel:	32.133333
Standard Parallel:	33.966667
Longitude of Central Meridian:	-98.5
Latitude of Projection Origin:	31.666667
False Easting:	1968499.9998
False Northing:	6561666.666
Planar Coordinate Information:	
Planar Coordinate Encoding Method:	Coordinate Pair
Coordinate Representation:	
Abscissa Resolution:	
Ordinate Resolution:	
Planar Distance Units:	Feet
Geodetic Model:	
Horizontal Datum Name:	North American 1983
Ellipsoid Name:	Geodetic Reference System 80
Semi-Major Axis:	6378137
Denominator of Flattening Ratio:	298.257

Entity and Attribute Information

Entity and Attribute Information:

Overview Description:

Entity and Attribute Overview:

All contour lines are attributed with the correct elevation value. Every 5th contour line is a multiple of "10" and designated as an index (by attribute name accuracy standards.

Entity and Attribute Detail Citation:

Each point contains an x,y,z value.

Distribution Information

Distributor:

Contact Person Primary:

Manager of GIS, Research and Information Services

Contact Organization Primary:

North Central Texas Council of Governments

Contact Address:

Address Type:

Mailing Address

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616 Six Flags Drive, Suite 200

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76011

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Resource Description:

2-Foot Contours

Distribution Liability:	NCTCOG and its participants assume no legal responsibility for the accuracy of said data.
Standard Order Process:	
Digital Form:	
Digital Transfer Information:	
Format Name:	ASCII Format Text
Format Version Number:	
Format Specification:	
Format Information Content:	
Standard Order Process:	
Digital Form:	
Digital Transfer Information:	
Format Name:	E00
Format Version Number:	
Format Specification:	
Format Information Content:	ArcInfo Export File
Digital Transfer Option:	
Offline Option:	
Offline Media:	Compact Disk
Recording Format:	ISO-9660
Compatibility Information:	This CD-ROM can be used with all computers that support CD-ROM as a logical storage device. All text files are in ASCII format. Data files are in ASCII or binary format.
Fees:	Variable. Call for current pricing.
Ordering Instructions:	http://gis.dfwinfo.com/orthos2001.html

Metadata Reference Information

Metadata Date:	20010904
Metadata Review Date:	20010904
Metadata Future Review Date:	Unknown
Metadata Contact:	
Contact Person Primary:	Manager of GIS, Research & Information Services
Contact Organization Primary:	North Central Texas Council of Governments
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Address Type:	Mailing Address
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Contact Facsimile Telephone:	(817) 640-4228
Contact Electronic Mail Address:	gis@dfwinfo.com
Metadata Standard Name:	FGDC CSDGM
Metadata Standard Version:	FGDC-Std-001-1998
Metadata Time Convention:	Local Time
Metadata Access Constraints:	None
Metadata Use Constraints:	None

Metadata Security Information:

Metadata Security Classification System: None

Metadata Security Classification: Unclassified