

METADATA

ORTHOPHOTOGRAPHY

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:	The North Central Texas Council of Governments (NCTCOG) produced 1-foot digital color orthophotography for participating NCTCOG members.
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 2, 4, or 6 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:	Orthophotography
Theme Keyword:	Digital Orthophotography
Theme Keyword:	Image
Theme Keyword:	1-Foot Resolution
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 of 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:	Tiff; MrSID

Data Quality Information

Attribute Accuracy:	
Attribute Accuracy Report:	Specifications are summarized as follows: sensor type - aerial film camera with 6" focal length; negative size - 9" x 9"; altitude of capture - 9,000' above mean terrain; expected capture period - February 2001; control sources - ground survey and airborne GPS; scanning resolution - 15 microns; ground resolution - 1.0 U.S. Survey Foot; color type - 24-bit natural color.
Logical Consistency Report:	
Completeness Report:	Color aerial photography was acquired using a RC30 or equivalent aerial mapping camera that was calibrated by the U.S. Geological Survey. Products were mosaiced and color balanced to create a near seamless appearance. Samples of these products are available from NCTCOG for evaluation of image quality and positional accuracy.
Positional Accuracy:	
Horizontal Positional Accuracy:	
Horizontal Positional Accuracy Report:	The digital ortho was produced using accepted photogrammetric industry practices under the supervision of certified photogrammetrists and licensed surveyors. Digital ortho products are guaranteed to meet National Map Accuracy Standards (NMAS) at a map scale of 1" = 200' (1:2,400). Photo scale is 1" = 1,500' (1:18,000).

Quantitative Horizontal Positional
Accuracy Assessment:

Horizontal Positional
Accuracy Value:
Horizontal Positional
Accuracy Explanation:

The digital ortho was produced using accepted photogrammetric industry practices under the supervision of certified photogrammetrists and licensed surveyors. Digital ortho products are guaranteed to meet NMAS at a map scale of 1" = 200' (1:2,400). Photo scale is 1" = 1,500' (1:18,000).

Lineage:

Source Information:

Source Citation:

Citation Information:

Originator: North Central Texas Council of Governments
Publication Date: Fiscal Year 2001-2002
Title: 1-Foot Resolution Color Digital Ortho

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: Photo1

Source Contribution:

Process Step:

Process Description: Contact NCTCOG

Source Used Citation Abbreviation: Photo 1

Process Date: 20010215

Spatial Data Organization Information

Direct Spatial Reference Method: Raster

Raster Object Information:

Raster Object Type: Pixel

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:

Each pixel contains red, blue and green values, each from 0 to 255.

Entity and Attribute Detail Citation:

U.S. Department of the Interior, U.S. Geological Survey, 1996, Standards for Digital Orthophotos: Reston, VA.

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

Contact 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

Resource Description:

Orthophotography

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:	Tiff
Format Version Number:	6.0
Format Specification:	Tag Image File Format
Format Information Content:	Uncompressed TIFF. The files are compatible with tag standards available at the time of production.
Standard Order Process:	
Digital Form:	
Digital Transfer Information:	
Format Name:	MrSID
Format Version Number:	1.3.1
Format Specification:	
Format Information Content:	1:18 compression
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 and Information Services
Contact Organization Primary:	North Central Texas Council of Governments
Contact Address:	
Address Type:	Mailing Address
Contact 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@nctcoog.org
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