

Denver, Colorado Tree Canopy

Metadata

Identification Information

Citation

Citation Information

Originator

NCDC Imaging, Colorado Springs

Publication Date

20110413

Title

Tree Canopy

Geospatial Data Presentation Form

vector digital data

Description

Abstract

Tree canopy delineations, captured from QuickBird 2 foot pixel satellite imagery, using automated feature extraction from the near infra-red band.

Purpose

This dataset should be used as reference to identify the 2006 tree canopy coverage in the City and County of Denver. To establish a baseline tree canopy percentage for Denver, and identify neighborhoods in need of more trees.

Status

Progress

Complete

Maintenance and Update Frequency

As needed

Spatial Domain

Bounding Coordinates

West Bounding Coordinate

-105.110037

East Bounding Coordinate

-104.734005

North Bounding Coordinate

39.825192

South Bounding Coordinate

39.612661

Keywords

Theme

Theme Keyword Thesaurus

ISO 19115 Topic Categories

Theme Keyword

biota

Theme Keyword

environment

Place

Place Keyword Thesaurus

None

Place Keyword

Denver

Place Keyword

Denver County

Place Keyword

Colorado

Place Keyword

USA

Temporal

Temporal Keyword Thesaurus

None

Temporal Keyword

2006

Access Constraints

None

Use Constraints

ACCESS CONSTRAINTS: This data set is provided as read-only. Contact the GIS Data Administrator for more information on distribution requirements/restrictions. USE CONSTRAINTS: The City and County of Denver is not responsible and shall not be liable to the user for damages of any kind arising out of the use of data or information provided by the City and County of Denver, including the installation of the data or information, its use, or the results obtained from its use. ANY DATA OR INFORMATION PROVIDED BY THE City and County of Denver IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Data or information provided by the City and County of Denver shall be used and relied upon only at the user's sole risk, and the user agrees to indemnify and hold harmless the City and County of Denver, its officials, officers and employees from any liability arising out of the use of the data/information provided. NOT FOR ENGINEERING PURPOSES

Data Set Credit

NCDC Imaging, Colorado Springs and Denver Parks and Recreation

Security Information

Security Classification System

AVAILABLE

Security Classification

Unclassified

Security Handling Description

Available to the general public and posted on the Denver FTP (File Transfer Protocol) site.

Native Data Set Environment

Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 3; ESRI ArcGIS 10.0.0.2414

Spatial Data Organization Information

Direct Spatial Reference Method

Vector

Point and Vector Object Information

SDTS Terms Description

SDTS Point and Vector Object Type

GT-polygon composed of chains

Point and Vector Object Count

385231

Spatial Reference Information

Horizontal Coordinate System Definition

Geographic

Latitude Resolution

8.9831528411952133e-009

Longitude Resolution

8.9831528411952133e-009

Geographic Coordinate Units

Decimal Degrees

Geodetic Model

Horizontal Datum Name

D WGS 1984

Ellipsoid Name

WGS 1984

Semi-major Axis

6378137.0

Denominator of Flattening Ratio

298.257223563

Entity and Attribute Information

Detailed Description

Entity Type

Entity Type Label

tree_canopy

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

Coordinates defining the features.

Attribute

Attribute Label

TREE_TYPE

Attribute Definition

Tree Type.

Attribute Definition Source

Denver Parks and Recreation

Attribute

Attribute Label

AREA_SQFT

Attribute Definition

Area of each individual canopy. Size of polygon in squared feet.

Attribute Definition Source

Denver Parks and Recreation

Attribute

Attribute Label

NEIGHBORHOOD

Attribute Definition

Name of the statistical neighborhood in which canopy lies.

Attribute Definition Source

Denver Parks and Recreation

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.

Attribute

Attribute Label

SHAPE_Area

Attribute Definition

Area of feature in internal units squared.

Attribute Definition Source

ESRI

Attribute Domain Values

Unrepresentable Domain

Positive real numbers that are automatically generated.

Distribution Information

Distributor

Contact Information

Contact Organization Primary

Contact Organization

City and County of Denver, Technology Services / DenverGIS Data

Contact Address

Address Type

unknown

Address

201 W Colfax Ave, Dept 301

City

Denver

State or Province

CO

Postal Code

80202

Country

US

Contact Facsimile Telephone

720-913-5237

Contact Electronic Mail Address

denvergis@denvergov.org

Hours of Service

M-F 8:00am - 4:30pm (MT)

Distribution Liability

See access and use constraints information.

Standard Order Process**Fees**

This information is available at a time and material cost from the City and County of Denver.

Turnaround

Digital products can be downloaded for free using the FTP site or can be requested by filing out the GIS Data Request Form and faxing it to (720) 913-5237, ATTN: Data Sales. All digital orders will be confirmed and processed by DenverGIS. Use our online request form and acknowledge the GIS ordinance to download publically available GIS digital data. Please reference the following link - <https://www.denvergov.org/gis> and click on Products and Services, then click on Data Sales.

Technical prerequisites: It is recommended to use DSL or T1 connections to download the information. If dial-up is used, please expect longer download times or incomplete data downloads.

Metadata Reference Information**Metadata Date**

20120713

Metadata Standard Name

FGDC Content Standard for Digital Geospatial Metadata

Metadata Standard Version

FGDC-STD-001-1998

Metadata Time Convention

local time