

raster.SDE.IMAGE_DC_SOUTH_COLOR_AERIAL_06



Data format: SDE Raster Dataset

File or table name:

raster.SDE.IMAGE_DC_SOUTH_COLOR_AERIAL_06

Coordinate system: Transverse Mercator

Theme keywords: digital orthophoto, color

Abstract: Aerial photography was collected for Douglas County Wisconsin at 1" = 1680' to produce color digital orthophotos. USGS DEM with ten foot and thirty foot spacing was used for orthophoto rectification.

FGDC and ESRI Metadata:

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- [Data Quality Information](#)
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Metadata elements shown with blue text are defined in the Federal Geographic Data Committee's (FGDC) [Content Standard for Digital Geospatial Metadata \(CSDGM\)](#). Elements shown with green text are defined in the [ESRI Profile of the CSDGM](#). Elements shown with a green asterisk (*) will be automatically updated by ArcCatalog. ArcCatalog adds hints indicating which FGDC elements are mandatory; these are shown with gray text.

Identification Information:

Citation:

Citation information:

Originators: Aero-Metric, Inc.

*Title:

raster.SDE.IMAGE_DC_SOUTH_COLOR_AERIAL_06

***File or table name:** raster.SDE.IMAGE_DC_SOUTH_COLOR_AERIAL_06

Publication date: 4/25/2006

***Geospatial data presentation form:** SDE raster digital data

***Online linkage:** [Server=Gisserver; Service=5152/tcp; Database=raster; User=sde; Version=sde.DEFAULT](#)

Description:**Abstract:**

Aerial photography was collected for Douglas County Wisconsin at 1" = 1680' to produce color digital orthophotos. USGS DEM with ten foot and thirty foot spacing was used for orthophoto rectification.

Purpose:

REQUIRED: A summary of the intentions with which the data set was developed.

***Language of dataset:** en

Time period of content:**Time period information:****Single date/time:**

Calendar date: 4/25/2006

Currentness reference:

ground condition

Status:

Progress: Complete

Maintenance and update frequency: As needed

Spatial domain:**Bounding coordinates:**

***West bounding coordinate:** -92.295043

***East bounding coordinate:** -91.549730

***North bounding coordinate:** 46.332071

***South bounding coordinate:** 46.156345

Local bounding coordinates:

***Left bounding coordinate:** 98410.000000

***Right bounding coordinate:** 286700.000000

***Top bounding coordinate:** 163650.000000

***Bottom bounding coordinate:** 99790.000000

Keywords:**Theme:**

Theme keywords: digital orthophoto, color

Theme keyword thesaurus: REQUIRED: Reference to a formally registered thesaurus or a similar authoritative source of theme keywords.

Place:

Place keywords: Douglas County, Wisconsin

Access constraints: License Agreement with Aerial Photo Provider

Use constraints:

License Agreement with Aerial Photo Provider

***Native dataset format:** SDE Raster Dataset

***Native data set environment:**

Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 3; ESRI ArcCatalog 9.3.0.1770

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Data Quality Information:

Positional accuracy:

Horizontal positional accuracy:

Horizontal positional accuracy report:

Digital orthophotos meet ASPRS Class 1 Accuracy Standards for 1" = 200' ortho imagery.

Lineage:

Process step:

Process description:

Film negatives were created from 1" = 1680' color aerial photography. The film negatives were scanned at 14 microns to create digital images which were used to complete an aerial triangulation solution. The input data used for ortho production were the results from the ImageStation Automatic Triangulation (ISAT) and the USGS DEM data. The digital images were ortho-rectified and dodged using Z/I Imaging's OrthoPro. Using manually placed and auto generated seamlines, the ortho-rectifications were mosaicked, balanced and the final tile images cut out in TIFF/TFW format using OrthoPro software. The final images were viewed and cleaned for quality control and necessary fixes were performed. LizardTech's GEOEXPRESS was used to MrSID the individual tiles and to MrSID the county mosaic. The orthophotos are referenced to NAD83/91 in the Douglas County Coordinate System in US Survey Feet.

Process date: 200611

Process step:

Process description:

Metadata imported.

Process date: 20080708

Process time: 07511200

Source used citation abbreviation:

U:\SCANNEDIMAGES\MrSID\DC_2006-color\METADATA\douglas_county.xml

Process step:

Process description:

Metadata imported.

Process date: 20080708

Process time: 07591700

Source used citation abbreviation:

J:\Metadata\DC_2006_Color_Aerial.xml

Process step:

Process description:

Metadata imported.

Process date: 20080908

Process time: 17030400

Source used citation abbreviation:

C:\GISData\Metadata\2006 Color Aerial.xml

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Spatial Data Organization Information:

***Direct spatial reference method:** Raster

Point and vector object information:

SDTS terms description:

- ***Name:** raster.SDE.IMAGE_COS_2006Color_Raster_Catalog17K
- ***SDTS point and vector object type:** G-polygon
- ***Point and vector object count:** 68

ESRI terms description:

- ***Name:** raster.SDE.IMAGE_COS_2006Color_Raster_Catalog17K
- ***ESRI feature type:**
- ***ESRI feature geometry:** Polygon
- ***ESRI topology:** FALSE
- ***ESRI feature count:** 68
- ***Spatial index:** TRUE
- ***Linear referencing:** FALSE

Raster object information:

- ***Image format:** SDR
- ***Number of bands:** 3

- ***Row count:** 63860
- ***Column count:** 188290
- ***Vertical count:** 1

- ***Cell size X direction:** 1.000000
- ***Cell size Y direction:** 1.000000

- ***Bits per pixel:** 8
- ***Pyramid layers:** TRUE
- ***Image colormap:** FALSE
- ***Compression type:** LZ77

- ***Raster object type:** Pixel
- ***Raster display type:** pixel codes
- ***Raster origin:** Upper Left

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Spatial Reference Information:

Horizontal coordinate system definition:

Coordinate system name:

- ***Projected coordinate system name:** dc-4
- ***Geographic coordinate system name:** douglas cnty geographic coord system

Planar:

Map projection:

- ***Map projection name:** Transverse Mercator
- Transverse mercator:**
 - ***Scale factor at central meridian:** 0.999995
 - ***Longitude of central meridian:** -91.916667
 - ***Latitude of projection origin:** 45.883333
 - ***False easting:** 194000.000000
 - ***False northing:** 0.000000

Planar coordinate information:

- ***Planar coordinate encoding method:** row and column
- Coordinate representation:**
 - ***Abscissa resolution:** 1.000000
 - ***Ordinate resolution:** 1.000000
- ***Planar distance units:** survey feet

Geodetic model:

- ***Horizontal datum name:** <custom>
- ***Ellipsoid name:** douglas county
- ***Semi-major axis:** 6378414.930000
- ***Denominator of flattening ratio:** 298.270219

Vertical coordinate system definition:**Altitude system definition:**

- ***Altitude resolution:** 1.000000
- ***Altitude encoding method:** Explicit elevation coordinate included with horizontal coordinates

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Entity and Attribute Information:**Detailed description:**

- ***Name:** raster.SDE.IMAGE_COS_2006Color_Raster_Catalog17K

Entity type:

- ***Entity type label:** raster.SDE.IMAGE_COS_2006Color_Raster_Catalog17K
- ***Entity type type:** Feature Class
- ***Entity type count:** 68

Attribute:

- ***Attribute label:** OBJECTID
- ***Attribute alias:** OBJECTID
- ***Attribute definition:**
Internal feature number.
- ***Attribute definition source:**
ESRI

- ***Attribute type:** OID
- ***Attribute width:** 4
- ***Attribute precision:** 10
- ***Attribute scale:** 0

Attribute domain values:

***Unrepresentable domain:**

Sequential unique whole numbers that are automatically generated.

Attribute:

***Attribute label:** Name

***Attribute alias:** Name

***Attribute type:** String

***Attribute width:** 256

***Attribute precision:** 0

***Attribute scale:** 0

Attribute:

***Attribute label:** Shape

***Attribute alias:** Shape

***Attribute definition:**

Feature geometry.

***Attribute definition source:**

ESRI

***Attribute type:** Geometry

***Attribute width:** 4

***Attribute precision:** 0

***Attribute scale:** 0

Attribute domain values:***Unrepresentable domain:**

Coordinates defining the features.

Attribute:

***Attribute label:** Raster

***Attribute alias:** Raster

***Attribute type:** Raster

***Attribute width:** 4

***Attribute precision:** 0

***Attribute scale:** 0

Attribute:

***Attribute label:** Shape.area

***Attribute alias:** Shape.area

***Attribute type:** Double

***Attribute width:** 0

***Attribute precision:** 0

***Attribute scale:** 0

Attribute:

***Attribute label:** Shape.len

***Attribute alias:** Shape.len

***Attribute type:** Double

***Attribute width:** 0

***Attribute precision:** 0

***Attribute scale:** 0

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Distribution Information:

Resource description: Downloadable Data

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Metadata Reference Information:

***Metadata date:** 20080917

***Language of metadata:** en

Metadata contact:

Contact information:

Contact organization primary:

Contact organization: Aero-Metric, Inc

Contact address:

Address type: mailing and physical address

Address:

4020 Technology Parkway

City: Sheboygan

State or province: WI

Postal code: 53083

Country: United States

Contact voice telephone: 920-457-3631

***Metadata standard name:** FGDC Content Standards for Digital Geospatial Metadata

***Metadata standard version:** FGDC-STD-001-1998

***Metadata time convention:** local time

Metadata extensions:

***Online linkage:** <http://www.esri.com/metadata/esriprof80.html>

***Profile name:** ESRI Metadata Profile

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Geoprocessing History:

Process:

***Date:** 20080909

***Time:** 083651

***Tool location:** C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\Mosaic

***Command issued:** Mosaic 'Database

Connections\Raster.SDE.sde\RASTER.SDE.DOUG331' "Database

Connections\Raster.SDE.sde\RASTER.SDE.IMAGE_DC_SOUTH_COLOR_AERIAL_06"

LAST FIRST # # NONE 0 "Database

Connections\Raster.SDE.sde\RASTER.SDE.IMAGE_DC_SOUTH_COLOR_AERIAL_06"
NONE

Process:

***Date:** 20080909
***Time:** 175744
***Tool location:** C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Data
Management Tools.tbx\Mosaic
***Command issued:** Mosaic 'Database
Connections\Raster.SDE.sde\RASTER.SDE.DOUG311' "Database
Connections\Raster.SDE.sde\RASTER.SDE.IMAGE_DC_SOUTH_COLOR_AERIAL_06"
LAST FIRST # # NONE 0 "Database
Connections\Raster.SDE.sde\RASTER.SDE.IMAGE_DC_SOUTH_COLOR_AERIAL_06"
NONE

Process:

***Date:** 20080910
***Time:** 200217
***Tool location:** C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Data
Management Tools.tbx\Mosaic
***Command issued:** Mosaic 'Database
Connections\Raster.SDE.sde\RASTER.SDE.DOUG301' "Database
Connections\Raster.SDE.sde\RASTER.SDE.IMAGE_DC_SOUTH_COLOR_AERIAL_06"
LAST FIRST # # NONE 0 "Database
Connections\Raster.SDE.sde\RASTER.SDE.IMAGE_DC_SOUTH_COLOR_AERIAL_06"
NONE

Process:

***Date:** 20080910
***Time:** 223524
***Tool location:** C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Data
Management Tools.tbx\Mosaic
***Command issued:** Mosaic 'Database
Connections\Raster.SDE.sde\RASTER.SDE.DOUG291' "Database
Connections\Raster.SDE.sde\RASTER.SDE.IMAGE_DC_SOUTH_COLOR_AERIAL_06"
LAST FIRST # # NONE 0 "Database
Connections\Raster.SDE.sde\RASTER.SDE.IMAGE_DC_SOUTH_COLOR_AERIAL_06"
NONE

Process:

***Date:** 20080911
***Time:** 202810
***Tool location:** C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Data
Management Tools.tbx\Mosaic
***Command issued:** Mosaic 'Database
Connections\Raster.SDE.sde\RASTER.SDE.DOUG281' "Database
Connections\Raster.SDE.sde\RASTER.SDE.IMAGE_DC_SOUTH_COLOR_AERIAL_06"
LAST FIRST # # NONE 0 "Database
Connections\Raster.SDE.sde\RASTER.SDE.IMAGE_DC_SOUTH_COLOR_AERIAL_06"
NONE

Process:

***Date:** 20080912
***Time:** 195543
***Tool location:** C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Data
Management Tools.tbx\Mosaic

***Command issued:** Mosaic 'Database
Connections\Raster.SDE.sde\RASTER.SDE.DOUG271' "Database
Connections\Raster.SDE.sde\RASTER.SDE.IMAGE_DC_SOUTH_COLOR_AERIAL_06"
LAST FIRST # # NONE 0 "Database
Connections\Raster.SDE.sde\RASTER.SDE.IMAGE_DC_SOUTH_COLOR_AERIAL_06"
NONE

Process:

***Date:** 20080914
***Time:** 183705
***Tool location:** C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Data
Management Tools.tbx\Mosaic
***Command issued:** Mosaic 'Database
Connections\Raster.SDE.sde\RASTER.SDE.DOUG261' "Database
Connections\Raster.SDE.sde\RASTER.SDE.IMAGE_DC_SOUTH_COLOR_AERIAL_06"
LAST FIRST # # NONE 0 "Database
Connections\Raster.SDE.sde\RASTER.SDE.IMAGE_DC_SOUTH_COLOR_AERIAL_06"
NONE

Process:

***Date:** 20080914
***Time:** 234906
***Tool location:** C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Data
Management Tools.tbx\Mosaic
***Command issued:** Mosaic 'Database
Connections\Raster.SDE.sde\RASTER.SDE.DOUG251' "Database
Connections\Raster.SDE.sde\RASTER.SDE.IMAGE_DC_SOUTH_COLOR_AERIAL_06"
LAST FIRST # # NONE 0 "Database
Connections\Raster.SDE.sde\RASTER.SDE.IMAGE_DC_SOUTH_COLOR_AERIAL_06"
NONE

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Binary Enclosures:

Thumbnail:

Enclosure type: Picture



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