

Pennsylvania1980to1987NHAP_CIR.tif

Raster Dataset



Tags

Pennsylvania, PA, NHAP, CIR, National High Altitude Photography, USGS, 40, 000 ft Flying Elevation, Color-infrared photographs, 1:58, 000 Scale, 9x9 in film scans, Centered USGS 7.5-min Quadrangles, 2, 032 dpi, North Up, Not Georeferenced

Summary

Not Georeferenced. Statewide historic aerial images for Pennsylvania. Color-infrared photographs from the National High Altitude Photography (NHAP) program, conducted by the USGS. Pennsylvania imagery was captured between 03/27/1980 & 05/13/1987.

Description

From USGS "The National High Altitude Photography (NHAP) program, which was operated from 1980-1989, was coordinated by the U.S. Geological Survey as an interagency project to eliminate duplicate photography in various Government programs. The aim of the program was to cover the 48 conterminous states over a 5-year span. In the NHAP program, black-and-white and color-infrared aerial photographs were obtained on 9-inch film from an altitude of 40,000 feet above mean terrain elevation and are centered over USGS 7.5-minute quadrangles. The color-infrared photographs are at a scale of 1:58,000 (1 inch equals about .9 miles). All NHAP flights were flown in a North to South direction. These photographs are offered as digital images" (<https://catalog.data.gov/dataset/nhap-national-high-altitude-aerial-photography-1980-1989> , April 2017). In 2016,

Donald W. Hamer Center for Maps & Geospatial Information at The Pennsylvania State University obtained high quality digital images of 9x9 film from USDA - FSA Aerial Photography Field Office (APFO). Digital images were captured at 2,032 dpi with Wehrli and Associates, Inc. RM-6 and RM-3 photogrammetric scanners. The complete collection of 2,607 images contain 60% forward and 30% side to side overlapping coverage for all of Pennsylvania.

Credits

United States Department of Agriculture Farm Service Agency: FSA Aerial Photography Field Office (APFO)

Use limitations

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Extent

West -80.628675 **East** -74.621836
North 42.340992 **South** 39.658895

Scale Range

Maximum (zoomed in) 1:5,000
Minimum (zoomed out) 1:50,000

ArcGIS Metadata ►

Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE imageryBaseMapsEarthCover

* CONTENT TYPE Downloadable Data
 EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS Pennsylvania

THEME KEYWORDS digital image map, aerial photograph

Hide Topics and Keywords ▲

Citation ►

TITLE Pennsylvania1980to1987NHAP_CIR.tif
 CREATION DATE 2017-03-19 00:00:00
 PUBLICATION DATE 2017-05-17 00:00:00

PRESENTATION FORMATS digital image

Hide Citation ▲

Citation Contacts ►

RESPONSIBLE PARTY

ORGANIZATION'S NAME The Pennsylvania State University
 CONTACT'S POSITION Geospatial Services Librarian
 INDIVIDUAL'S NAME Donald W. Hamer Center for Maps & Geospatial Information
 CONTACT'S ROLE originator

CONTACT INFORMATION ►

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 DELIVERY POINT 1 Central Pattee Library
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 POSTAL CODE 16802
 COUNTRY US
 E-MAIL ADDRESS ul-maps@lists.psu.edu

ONLINE RESOURCE

LOCATION <https://libraries.psu.edu/maps>

HOURS OF SERVICE

<https://libraries.psu.edu/monthly-hours?library=103>

CONTACT INSTRUCTIONS

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Resource Details ►

DATASET LANGUAGES * English (UNITED STATES)
 DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS completed
 SPATIAL REPRESENTATION TYPE * grid

* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.4.1.5686

CREDITS

United States Department of Agriculture Farm Service Agency: FSA Aerial Photography Field Office (APFO)

ARCGIS ITEM PROPERTIES

* NAME Statewide 1980 - 1987 NHAP_CIR (not georeferenced).tif
 * LOCATION file:///F:\ProjectManagement\PhotoIndexes\USGS_NHAP_CIR_PA\Statewide 1980 - 1987 NHAP_CIR (not georeferenced).tif
 * ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

DESCRIPTION
 None

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE
 EXTENT TYPE Extent used for searching
 WEST LONGITUDE -80.628675
 EAST LONGITUDE -74.621836

NORTH LATITUDE 42.340992
 SOUTH LATITUDE 39.658895
 EXTENT CONTAINS THE RESOURCE Yes

TEMPORAL EXTENT

BEGINNING DATE 2017-03-01 00:00:00

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE -80.140004
 * EAST LONGITUDE -79.979184
 * SOUTH LATITUDE 41.635874
 * NORTH LATITUDE 41.771703
 * EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME Pennsylvania Spatial Data Access (PASDA)
 ORGANIZATION'S NAME The Penn State University
 CONTACT'S POSITION The Pennsylvania Geospatial Data Clearinghouse
 CONTACT'S ROLE distributor

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RESOURCE MAINTENANCE

UPDATE FREQUENCY not planned

MAINTENANCE CONTACT

ORGANIZATION'S NAME The Pennsylvania State University

CONTACT'S POSITION Geospatial Services Librarian

INDIVIDUAL'S NAME Donald W. Hamer Center for Maps & Geospatial Information

CONTACT'S ROLE point of contact

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None

ACCESS CONSTRAINTS other restrictions

USE CONSTRAINTS other restrictions

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Spatial Data Properties ►

GEORECTIFIED GRID ►

* NUMBER OF DIMENSIONS 2

AXIS DIMENSIONS PROPERTIES

DIMENSION TYPE column (x-axis)

* DIMENSION SIZE 18920

* RESOLUTION 0.000009 [pnt] (point)

AXIS DIMENSIONS PROPERTIES

DIMENSION TYPE row (y-axis)

* DIMENSION SIZE 20273

* RESOLUTION 0.000007 [pnt] (point)

* CELL GEOMETRY area

* POINT IN PIXEL center

* TRANSFORMATION PARAMETERS ARE AVAILABLE Yes

* CHECK POINTS ARE AVAILABLE No

CORNER POINTS

* POINT -80.140004 41.635874
 * POINT -80.140004 41.771703
 * POINT -79.979184 41.771703
 * POINT -79.979184 41.635874

* CENTER POINT -80.059594 41.703789

[Hide Georectified Grid ▲](#)

ARCGIS RASTER PROPERTIES ►

GENERAL INFORMATION

* PIXEL DEPTH 8
 * COMPRESSION TYPE None
 * NUMBER OF BANDS 3
 * RASTER FORMAT TIFF
 * SOURCE TYPE continuous
 * PIXEL TYPE unsigned integer
 * HAS COLORMAP No
 * HAS PYRAMIDS Yes

[Hide ArcGIS Raster Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Spatial Data Content ►

IMAGE DESCRIPTION

* TYPE OF INFORMATION image
 ATTRIBUTE DESCRIBED BY CELL VALUES tif image

BAND INFORMATION

* DESCRIPTION Band_1
 SEQUENCE IDENTIFIER
 NAME Band

* NUMBER OF BITS PER VALUE 8

BAND INFORMATION

* DESCRIPTION Band_2
 SEQUENCE IDENTIFIER
 NAME Band

* NUMBER OF BITS PER VALUE 8

BAND INFORMATION

* DESCRIPTION Band_3
 SEQUENCE IDENTIFIER
 NAME Band

* NUMBER OF BITS PER VALUE 8

PERCENT CLOUD COVER 0

TRIANGULATION HAS BEEN PERFORMED No
 RADIOMETRIC CALIBRATION IS AVAILABLE No
 CAMERA CALIBRATION IS AVAILABLE Yes
 FILM DISTORTION INFORMATION IS AVAILABLE No
 LENS DISTORTION INFORMATION IS AVAILABLE No

[Hide Spatial Data Content ▲](#)

Lineage ►

LINEAGE STATEMENT
 None

[Hide Lineage ▲](#)

Geoprocessing history ►

PROCESS
 PROCESS NAME
 DATE 2016-06-10 15:12:34
 TOOL LOCATION c:\program files (x86)\arcgis\desktop10.3\ArcToolbox\Toolboxes\Data Management Tools.tbx\BuildPyramids
 COMMAND ISSUED
 BuildPyramids HAP82_107_0005.tif -1 NONE NEAREST DEFAULT 75 OVERWRITE
 INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

[Hide Geoprocessing history ▲](#)

Distribution ►

DISTRIBUTION FORMAT
 * NAME Raster Dataset

[Hide Distribution ▲](#)

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 2017-05-08

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0
 METADATA STYLE FGDC CSDGM Metadata
 STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2017-04-25 11:54:32
 LAST MODIFIED IN ARCGIS FOR THE ITEM 2017-05-08 15:27:09

AUTOMATIC UPDATES
 HAVE BEEN PERFORMED Yes

LAST UPDATE 2017-05-08 15:27:09

ITEM LOCATION HISTORY

ITEM COPIED OR MOVED 2017-04-25 12:02:06

FROM F:\ProjectManagement\PhotoIndexes\NHAP_CIR.tif

TO \\PCG-152-068

\\F\$\ProjectManagement\PhotoIndexes\USGS_NHAP_CIR_PA\NHAP_CIR.tif

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Metadata Contacts ►

METADATA CONTACT

ORGANIZATION'S NAME The Pennsylvania State University

CONTACT'S POSITION Geospatial Services Librarian

INDIVIDUAL'S NAME Donald W. Hamer Center for Maps & Geospatial Information

CONTACT'S ROLE point of contact

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METADATA CONTACT

INDIVIDUAL'S NAME Colin Grube & Miranda Waldman

ORGANIZATION'S NAME Donald W. Hamer Center for Maps & Geospatial Information

CONTACT'S POSITION Aerial Photography Interns

CONTACT'S ROLE originator

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UPDATE FREQUENCY not planned

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Thumbnail and Enclosures ▶

THUMBNAIL

THUMBNAIL TYPE JPG

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