

Harrison County, MS - Fall 2023 Aerial, resampled to 6" resolution.

Raster Dataset

Thumbnail Not Available

Tags

There are no tags for this item.

Summary

Dataset was created by Harrison County, MS for MARIS to host for public access and use.

Description

The source of the aerial imagery is from Nearmap company and was their first full-county aerial capture of Harrison County. It contains three spectral bands coinciding with red, blue and green (RGB). The original imagery has a resolution of 2.2 inches. It has a vertical accuracy of 14.9" and a horizontal accuracy of 7.8". It is comprised of a mosaic of orthorectified images, and they are orthorectified using the International Terrestrial Reference System 2014 (ITRF2014). The orthorectification uses date-specific variables, termed epochs, to compensate for any continental drift that has occurred since 2014.

Credits

The original imagery is a product of Nearmap. The resampled imagery comes from Harrison County, MS - Geospatial Information Services Department.

Use limitations

For informational and visualization purposes only. Users are encouraged to verify the accuracy and suitability of this imagery for their specific needs.

Extent

West -89.348333 **East** -88.805653
North 30.682214 **South** 30.186785

Scale Range

Maximum (zoomed in) 1:5,000
Minimum (zoomed out) 1:150,000,000

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

Hide Topics and Keywords ▲

Citation ►

TITLE Harrison County, MS - Fall 2023 Aerial, resampled to 6" resolution.

CREATION DATE 2023-09-29 00:00:00

PRESENTATION FORMATS * digital map

[Hide Citation ▲](#)

Resource Details ►

DATASET LANGUAGES * English (UNITED STATES)

SPATIAL REPRESENTATION TYPE * grid

* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.9.1.28388

CREDITS

The original imagery is a product of Nearmap. The resampled imagery comes from Harrison County, MS - Geospatial Information Services Department.

ARCGIS ITEM PROPERTIES

* NAME HarrisonMS_Sep2023_6_Inch.tif

* LOCATION

file:///I:/DATA/00_AERIAL_IMAGERY/Local_High_Res_Projects/2023_Harirson_Imagery/HarrisonMS_Aerial2023/HarrisonMS_Sep2023_6_Inch.tif

* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -89.348333

* EAST LONGITUDE -88.805653

* NORTH LATITUDE 30.682214

* SOUTH LATITUDE 30.186785

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 822356.000000

* EAST LONGITUDE 992951.500000

* SOUTH LATITUDE 250121.500000

* NORTH LATITUDE 429942.000000

* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

For informational and visualization purposes only. Users are encouraged to verify the accuracy and suitability of this imagery for their specific needs.

[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
- * PROJECTION NAD_1983_StatePlane_Mississippi_East_FIPS_2301_Feet
- * COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 102694
X ORIGIN -17463400
Y ORIGIN -43523900
XY SCALE 137248168.13086346
Z ORIGIN -100000
Z SCALE 10000
M ORIGIN -100000
M SCALE 10000
XY TOLERANCE 0.0032808333333333331
Z TOLERANCE 0.001
M TOLERANCE 0.001
HIGH PRECISION true
LATEST WELL-KNOWN IDENTIFIER 2254

WELL-KNOWN TEXT

PROJCS["NAD_1983_StatePlane_Mississippi_East_FIPS_2301_Feet",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Transverse_Mercator"],PARAMETER["False_Easting",984250.0],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridian",-88.83333333333333],PARAMETER["Scale_Factor",0.99995],PARAMETER["Latitude_Of_Origin",29.5],UNIT["Foot_US",0.3048006096012192],AUTHORITY["EPSG",2254]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 2254
- * CODESPACE EPSG
- * VERSION 5.3(9.0.0)

Hide Spatial Reference ▲

Spatial Data Properties ►

GEORECTIFIED GRID ►

- * NUMBER OF DIMENSIONS 2

AXIS DIMENSIONS PROPERTIES

DIMENSION TYPE column (x-axis)
* DIMENSION SIZE 341191
* RESOLUTION 0.500000 ftUS

AXIS DIMENSIONS PROPERTIES

DIMENSION TYPE row (y-axis)
* DIMENSION SIZE 359641
* RESOLUTION 0.500000 ftUS

- * CELL GEOMETRY area
- * POINT IN PIXEL center

- * TRANSFORMATION PARAMETERS ARE AVAILABLE Yes

* CHECK POINTS ARE AVAILABLE No

CORNER POINTS

* POINT 822356.000000 250121.500000
* POINT 822356.000000 429942.000000
* POINT 992951.500000 429942.000000
* POINT 992951.500000 250121.500000

* CENTER POINT 907653.750000 340031.750000

[Hide Georectified Grid ▲](#)

ARCGIS RASTER PROPERTIES ►

GENERAL INFORMATION

* PIXEL DEPTH 8
* COMPRESSION TYPE LZW
* NUMBER OF BANDS 3
* RASTER FORMAT TIFF
* SOURCE TYPE continuous
* PIXEL TYPE unsigned integer
* NO DATA VALUE -1
* HAS COLORMAP No
* HAS PYRAMIDS Yes

[Hide ArcGIS Raster Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Spatial Data Content ►

IMAGE DESCRIPTION

* TYPE OF INFORMATION image

BAND INFORMATION

* DESCRIPTION Band_1
* MAXIMUM VALUE 255.000000
* MINIMUM VALUE 0.000000
* NUMBER OF BITS PER VALUE 8

BAND INFORMATION

* DESCRIPTION Band_2
* MAXIMUM VALUE 255.000000
* MINIMUM VALUE 0.000000
* NUMBER OF BITS PER VALUE 8

BAND INFORMATION

* DESCRIPTION Band_3
* MAXIMUM VALUE 255.000000
* MINIMUM VALUE 0.000000
* NUMBER OF BITS PER VALUE 8

[Hide Spatial Data Content ▲](#)

Geoprocessing history ►

PROCESS

PROCESS NAME

DATE 2024-11-15 08:05:56

TOOL LOCATION c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\Data Management Tools.tbx\Clip

COMMAND ISSUED

```
Clip HarrisonCounty_MS_Fall2023.ecw "822356.147067862 250121.912201415
992951.086279009 429941.812308505" "E:\Departments\GIS
Dept\Aerial_2023_MARIS\HarrisonMS_Fall2023.tif" Harrison_MS_Aerials_AOI_2022
-1 NONE NO_MAINTAIN_EXTENT
```

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS

PROCESS NAME

DATE 2024-11-19 10:31:16

TOOL LOCATION c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\Data Management Tools.tbx\Resample

COMMAND ISSUED

```
Resample HarrisonMS_Fall2023.tif
M:\GIS\Imagery_Master\Aerial_2023_MARIS\HarrisonMS_Sep2023_6_Inch.tif "0.5
0.5" Cubic
```

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 2025-01-06

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2024-11-15 08:05:56

LAST MODIFIED IN ARCGIS FOR THE ITEM 2025-01-06 14:45:24

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2025-01-06 14:45:24

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME Steve Walker
ORGANIZATION'S NAME MARIS
CONTACT'S POSITION GIS Operations Manager
CONTACT'S ROLE distributor

METADATA CONTACT

INDIVIDUAL'S NAME Dusty Reed
ORGANIZATION'S NAME Harrison County Geospatial Information Services Department
CONTACT'S POSITION Director
CONTACT'S ROLE originator

CONTACT INFORMATION ►

ADDRESS

TYPE

E-MAIL ADDRESS dlreed@co.harrison.ms.us

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)