Mississippi 2024 Orthoimagery - 6 inch GSD

TIFF

Thumbnail Not Available

Tags

State of Mississippi, orthophotography, imagery, raster, Mississippi, USA

Summary

The collection of aerial imagery and production of orthoimagery were executed to capture the existing ground conditions at a specific point in time for the purpose of GIS analysis. Orthoimagery typically provides an accurate base for digitally representing geographic features upon which a GIS is built. The Mississippi Department of Environmental Quality is the lead public agency in the State of Mississippi for spatial data and GIS. The intent of MDEQ is to facilitate the cost-effective development and use of spatial data, GIS, and related technologies in organizations throughout the state.

Description

In the Fall of 2023, the Mississippi Department of Environmental Quality (MDEQ) and Mississippi Geographic Information, LLC (MGI), contracted with SURDEX Corporation to acquire and produce full color (4-band) 6-inch GSD high resolution digital orthoimagery. The aerial imagery was acquired during the acceptable leaf-off flight season of early 2024 (01/13/2024-03/12/2024). The Mississippi 2024 Orthoimagery project is the second year of three to update the orthoimagery for the entire state of Mississippi with 6-inch resolution imagery. The project is divided into three collection phases: In 2023, SURDEX acquired 16,087 square miles in the central third of the state that included 25 counties with 6-inch high resolution imagery. The area included the following Counties: Attala (736), Choctaw (418), Clarke (693), Hinds (877), Holmes (764), Humphreys (431), Issaquena (439), Jasper (678), Kemper (767), Lauderdale (715), Leake (585), Lowndes (517), Madison (742), Neshoba (572), Newton (579), Noxubee (700), Oktibbeha (461), Rankin (806), Scott (610), Sharkey (435), Smith (637), Warren (618), Washington (761), Winston (610), and Yazoo (934) Counties, Mississippi. In 2024, SURDEX acquired 16,081 square miles in the northern third of the state that included 30 counties with 6-inch high resolution imagery. The area included the following Counties: Alcorn (400), Benton (407), Bolivar (877), Calhoun (587), Carroll (628), Chickasaw (502), Clay (410), Coahoma (552), DeSoto (476), Grenada (422), Itawamba (533), Lafayette (632), Lee (450), Leflore (593), Marshall (706), Monroe (765), Montgomery (407), Panola (685), Pontotoc (498), Prentiss (415), Quitman (405), Sunflower (698), Tallahatchie (645), Tate (405), Tippah (458), Tishomingo (424), Tunica (455), Union (416), Webster (421), and Yalobusha (467) Counties, Mississippi. In 2025, the remaining southern third of the state that includes 27 counties will be completed with 6-inch high resolution imagery. The Mississippi Orthoimagery Program will encompass the entire land area of the State of Mississippi over 3 years. The State boundary is buffered by 2,500'.

Credits

There are no credits for this item.

Use limitations

This Mississippi 2024 Orthoimagery data has been developed using procedures designed to produce data to comply with the Model Mississippi Map Accuracy Standards and is intended for use at 1" = 100' scale.

Extent

There is no extent for this item.

Scale Range

There is no scale range for this item.

ArcGIS Metadata ►

Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE imageryBaseMapsEarthCover

PLACE KEYWORDS State of Mississippi, Mississippi, USA

THEME KEYWORDS orthophotography, imagery, raster

Hide Topics and Keywords ▲

Citation ►

TITLE Mississippi 2024 Orthoimagery - 6 inch GSD
PUBLICATION DATE 2024-11-25

EDITION 2024

PRESENTATION FORMATS digital map
FGDC GEOSPATIAL PRESENTATION FORMAT remote-sensing image

SERIES
NAME Mississippi 2024 Orthoimagery Project
ISSUE 2024

COLLECTION TITLE Mississippi Orthoimagery Program

Hide Citation ▲

Citation Contacts ►

RESPONSIBLE PARTY
ORGANIZATION'S NAME Mississippi Department of Environmental Quality (MDEQ)
CONTACT'S ROLE publisher

CONTACT INFORMATION ►
ADDRESS
DELIVERY POINT Jackson, Mississippi

Hide Contact information ▲

RESPONSIBLE PARTY
ORGANIZATION'S NAME Mississippi 2024 Orthoimagery (30 Counties)
CONTACT'S ROLE originator

Hide Citation Contacts ▲

Resource Details ►

DATASET LANGUAGES English

STATUS completed

SUPPLEMENTAL INFORMATION
All digital ortho-imagery development processes for the MDEQ shall conform to the ASPRS Positional Accuracy Standards for Digital Geospatial Data (EDITION 1, VERSION 1.0. - NOVEMBER, 2014) and Model MDEQ Map Accuracy Standards (2009). Accuracy will be tested and reported according to NSSDA Geospatial Positioning Accuracy Standards Part 3: National Standard for Spatial Data Accuracy Class 1.

PROCESSING ENVIRONMENT Microsoft Windows 7 Enterpise Service Pack 1; ESRI ArcCatalog 10.3.0.4322

Hide Resource Details ▲

Extents ►

EXTENT
GEOGRAPHIC EXTENT
BOUNDING RECTANGLE
WEST LONGITUDE -91.24080361
EAST LONGITUDE -88.08955271
SOUTH LATITUDE 33.20738044
NORTH LATITUDE 35.00297856

EXTENT
DESCRIPTION
ground condition

TEMPORAL EXTENT
BEGINNING DATE 2024-01-13
ENDING DATE 2024-03-12

Hide Extents ▲

Resource Points of Contact ►

POINT OF CONTACT
INDIVIDUAL'S NAME Stephen Champlin, RPG
ORGANIZATION'S NAME Geospatial Resources Division/Flood Mapping Director
CONTACT'S POSITION Office of Geology
CONTACT'S ROLE point of contact

CONTACT INFORMATION ►
PHONE
VOICE 601-961-5506

ADDRESS
TYPE both
DELIVERY POINT 700 North State Street
CITY Jackson
ADMINISTRATIVE AREA MS
POSTAL CODE 39202
E-MAIL ADDRESS schamplin@mdeq.ms.gov

Hide Contact information ▲

Hide Resource Points of Contact ▲

Resource Maintenance ►

RESOURCE MAINTENANCE
UPDATE FREQUENCY irregular

Hide Resource Maintenance ▲

Resource Constraints ►

LEGAL CONSTRAINTS
LIMITATIONS OF USE
ALL DATA IS PROVIDED "AS IS."

OTHER CONSTRAINTS
Contact MDEQ for information about regional and statewide Mississippi datasets.

CONSTRAINTS
LIMITATIONS OF USE
This Mississippi 2024 Orthoimagery data has been developed using procedures designed to produce data to comply with the Model Mississippi Map Accuracy Standards and is intended for use at 1" = 100' scale.

Hide Resource Constraints ▲

Spatial Data Properties ►

GEORECTIFIED GRID ►
NUMBER OF DIMENSIONS 2

AXIS DIMENSIONS PROPERTIES
DIMENSION TYPE row (y-axis)
DIMENSION SIZE 5000

AXIS DIMENSIONS PROPERTIES
DIMENSION TYPE column (x-axis)
DIMENSION SIZE 5000

CELL GEOMETRY area

Hide Georectified Grid ▲

Hide Spatial Data Properties ▲

Data Quality ►

SCOPE OF QUALITY INFORMATION ►
RESOURCE LEVEL dataset

Hide Scope of quality information ▲

DATA QUALITY REPORT - CONCEPTUAL CONSISTENCY ►

MEASURE DESCRIPTION

All image tiles have been checked for proper spatial reference and conformance to the quality acceptance criteria adopted in the Mississippi Department of Environmental Quality Subconsultant Services Agreement between Mississippi Geographic Information, LLC (MGI) and Surdex Corporation (Waggoner Project Number 101.2300226.011).

Hide Data quality report - Conceptual consistency ▲

DATA QUALITY REPORT - COMPLETENESS OMISSION ►

MEASURE DESCRIPTION

This dataset includes a total of 16,081 square miles in the Central 25 Counties of Mississippi. All data delivered is delivered in NAD 1983, (2011) Mississippi State Plane, West and East Zones, US Feet.

Hide Data quality report - Completeness omission ▲

DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY ►

DIMENSION horizontal

MEASURE DESCRIPTION

These data were compiled to meet the Mississippi Department of Environmental Quality Standard for Class 1 Map Accuracy as of August 31, 2024. For the 1" = 100' scale: RMSEx less than = 1.0 feet, RMSEy less than = 1.0 feet, RMSEr less than = 1.42 feet, Accuracy r less than = 2.5 ft at the 95% confidence level.

Hide Data quality report - Absolute external positional accuracy ▲

Hide Data Quality ▲

Lineage ►

PROCESS STEP ►

WHEN THE PROCESS OCCURRED 2024-03-12

DESCRIPTION

Process descriptions regarding how the orthoimagery was produced can be obtained from Surdex Corporation. The complete processes used by Surdex contains sensitive business procedures that are proprietary to Surdex. Surdex is willing to release this information to interested parties provided a binding Non-Disclosure Agreement has been executed.

Hide Process step ▲

Hide Lineage ▲

Distribution ►

DISTRIBUTOR ►
CONTACT INFORMATION
INDIVIDUAL'S NAME Stephen Champlin, RPG
ORGANIZATION'S NAME Geospatial Resources Division/Flood Mapping Director
CONTACT'S POSITION Office of Geology
CONTACT'S ROLE distributor

CONTACT INFORMATION ►
PHONE
VOICE 601-961-5506

ADDRESS
TYPE both
DELIVERY POINT 700 North State Street
CITY Jackson
ADMINISTRATIVE AREA MS
POSTAL CODE 39202
E-MAIL ADDRESS schamplin@mdeq.ms.gov

Hide Contact information ▲

AVAILABLE FORMAT
NAME TIFF
FILE DECOMPRESSION TECHNIQUE no compression applied

ORDERING PROCESS
TERMS AND FEES variable

TRANSFER OPTIONS
TRANSFER SIZE 95.37

MEDIUM OF DISTRIBUTION
Hide Distributor ▲

TRANSFER OPTIONS
ONLINE SOURCE
LOCATION http://geology.deq.ms.gov/floodmaps

Hide Distribution ▲

Fields ►

DETAILS FOR OBJECT Band 1 Red

DEFINITION

Red Band - 585-690 nm

DEFINITION SOURCE

Phase-One BlackBird Sensor Specification

DETAILS FOR OBJECT Band 2 Green

DEFINITION

Green Band 570-600 nm

DEFINITION SOURCE

Phase-One BlackBird Sensor Specification

DETAILS FOR OBJECT Band 3 Blue

DEFINITION

Blue Band 425-530 nm

DEFINITION SOURCE

Phase-One BlackBird Sensor Specification

DETAILS FOR OBJECT Band 4 NIR

DEFINITION

NIR Band 680-830 nm

DEFINITION SOURCE

Phase-One BlackBird Sensor Specification

OVERVIEW DESCRIPTION ►

ENTITY AND ATTRIBUTE OVERVIEW

Reflectance values for visible and near infra-red light captured by the Phase-One BlackBird Sensor and expressed as four-band orthorectified imagery.

ENTITY AND ATTRIBUTE DETAIL CITATION

Detailed specifications and acceptance criteria have been followed and quality checked by Atlas Geographic Data (AGD)

Hide Overview Description ▲

Hide Fields ▲

References ►

AGGREGATE INFORMATION
ASSOCIATION TYPE larger work citation

AGGREGATE RESOURCE NAME ▶
TITLE Mississippi Orthoimagery Program
PUBLICATION DATE
INDETERMINATE DATE unknown

RESPONSIBLE PARTY
ORGANIZATION'S NAME Mississippi Department of Environmental Quality (MDEQ)
CONTACT'S ROLE originator

Hide Aggregate resource name ▲

Hide References ▲

Metadata Details ▶

METADATA LANGUAGE English
METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset

LAST UPDATE 2024-11-25

ARCGIS METADATA PROPERTIES
METADATA FORMAT ArcGIS 1.0

CREATED IN ARCGIS FOR THE ITEM 2025-01-03 07:34:12

Hide Metadata Details ▲

Metadata Contacts ▶

METADATA CONTACT
INDIVIDUAL'S NAME Stephen Champlin, RPG
ORGANIZATION'S NAME Mississippi Department of Environmental Quality (MDEQ)
CONTACT'S POSITION Office of Geology
CONTACT'S ROLE point of contact

CONTACT INFORMATION ▶
PHONE
VOICE 604-961-5506

ADDRESS
TYPE both
DELIVERY POINT 700 North State Street
CITY Jackson
ADMINISTRATIVE AREA MS
POSTAL CODE 39202

E-MAIL ADDRESS schamplin@mdeq.ms.gov

Hide Contact information ▲

Hide Metadata Contacts ▲

Thumbnail and Enclosures ►

ENCLOSURE
ENCLOSURE TYPE File
DESCRIPTION OF ENCLOSURE original metadata
ORIGINAL METADATA DOCUMENT, WHICH WAS TRANSLATED yes
SOURCE METADATA FORMAT fgdc

Hide Thumbnail and Enclosures ▲

FGDC Metadata (read-only) ▼

CITATION
CITATION INFORMATION
ORIGINATOR Mississippi 2024 Orthoimagery (30 Counties)
PUBLICATION DATE 2024-11-25
TITLE
Mississippi 2024 Orthoimagery - 6 inch GSD
EDITION 2024
GEOSPATIAL DATA PRESENTATION FORM remote-sensing image
SERIES INFORMATION
SERIES NAME Mississippi 2024 Orthoimagery Project
ISSUE IDENTIFICATION 2024
PUBLICATION INFORMATION
PUBLICATION PLACE Jackson, Mississippi
PUBLISHER Mississippi Department of Environmental Quality (MDEQ)
ONLINE LINKAGE http://geology.deq.ms.gov/floodmaps
LARGER WORK CITATION
CITATION INFORMATION
ORIGINATOR Mississippi Department of Environmental Quality (MDEQ)
PUBLICATION DATE Unknown
TITLE
Mississippi Orthoimagery Program

DESCRIPTION
ABSTRACT
In the Fall of 2023, the Mississippi Department of Environmental Quality (MDEQ) and Mississippi Geographic Information, LLC (MGI), contracted with SURDEX Corporation to acquire and produce full color (4-band) 6-inch GSD high resolution digital orthoimagery. The aerial imagery was acquired during the acceptable leaf-off flight season of early 2024 (01/13/2024-03/12/2024). The Mississippi 2024 Orthoimagery project is the second year of three to update the orthoimagery for the entire state of Mississippi with 6-inch resolution imagery. The project is divided into three collection phases: In 2023, SURDEX acquired 16,087 square miles in the central third of the state that included 25 counties with 6-inch high resolution imagery. The area included the following Counties: Attala (736), Choctaw (418), Clarke (693), Hinds (877), Holmes (764), Humphreys (431), Issaquena (439), Jasper (678), Kemper (767), Lauderdale (715), Leake (585), Lowndes (517), Madison (742), Neshoba (572),

Newton (579), Noxubee (700), Oktibbeha (461), Rankin (806), Scott (610), Sharkey (435), Smith (637), Warren (618), Washington (761), Winston (610), and Yazoo (934) Counties, Mississippi. In 2024, SURDEX acquired 16,081 square miles in the northern third of the state that included 30 counties with 6-inch high resolution imagery. The area included the following Counties: Alcorn (400), Benton (407), Bolivar (877), Calhoun (587), Carroll (628), Chickasaw (502), Clay (410), Coahoma (552), DeSoto (476), Grenada (422), Itawamba (533), Lafayette (632), Lee (450), Leflore (593), Marshall (706), Monroe (765), Montgomery (407), Panola (685), Pontotoc (498), Prentiss (415), Quitman (405), Sunflower (698), Tallahatchie (645), Tate (405), Tippah (458), Tishomingo (424), Tunica (455), Union (416), Webster (421), and Yalobusha (467) Counties, Mississippi. In 2025, the remaining southern third of the state that includes 27 counties will be completed with 6-inch high resolution imagery. The Mississippi Orthoimagery Program will encompass the entire land area of the State of Mississippi over 3 years. The State boundary is buffered by 2,500'.

PURPOSE

The collection of aerial imagery and production of orthoimagery were executed to capture the existing ground conditions at a specific point in time for the purpose of GIS analysis. Orthoimagery typically provides an accurate base for digitally representing geographic features upon which a GIS is built. The Mississippi Department of Environmental Quality is the lead public agency in the State of Mississippi for spatial data and GIS. The intent of MDEQ is to facilitate the cost-effective development and use of spatial data, GIS, and related technologies in organizations throughout the state.

SUPPLEMENTAL INFORMATION

All digital ortho-imagery development processes for the MDEQ shall conform to the ASPRS Positional Accuracy Standards for Digital Geospatial Data (EDITION 1, VERSION 1.0. - NOVEMBER, 2014) and Model MDEQ Map Accuracy Standards (2009). Accuracy will be tested and reported according to NSSDA Geospatial Positioning Accuracy Standards Part 3: National Standard for Spatial Data Accuracy Class 1.

TIME PERIOD OF CONTENT

TIME PERIOD INFORMATION

RANGE OF DATES/TIMES

BEGINNING DATE 2024-01-13

ENDING DATE 2024-03-12

CURRENTNESS REFERENCE

ground condition

STATUS

PROGRESS Complete

MAINTENANCE AND UPDATE FREQUENCY Irregular

SPATIAL DOMAIN

BOUNDING COORDINATES

WEST BOUNDING COORDINATE -91.24080361

EAST BOUNDING COORDINATE -88.08955271

NORTH BOUNDING COORDINATE 35.00297856

SOUTH BOUNDING COORDINATE 33.20738044

KEYWORDS

THEME

THEME KEYWORD THESAURUS None

THEME KEYWORD orthophotography

THEME KEYWORD imagery

THEME KEYWORD raster

PLACE

PLACE KEYWORD THESAURUS None

PLACE KEYWORD Mississippi

PLACE KEYWORD State of Mississippi
PLACE KEYWORD USA

ACCESS CONSTRAINTS
Contact MDEQ for information about regional and statewide Mississippi datasets.
USE CONSTRAINTS
This Mississippi 2024 Orthoimagery data has been developed using procedures designed to produce data to comply with the Model Mississippi Map Accuracy Standards and is intended for use at 1" = 100' scale.
POINT OF CONTACT
CONTACT INFORMATION
CONTACT PERSON PRIMARY
CONTACT PERSON Stephen Champlin, RPG
CONTACT ORGANIZATION Geospatial Resources Division/Flood Mapping Director
CONTACT POSITION Office of Geology
CONTACT ADDRESS
ADDRESS TYPE mailing and physical address
ADDRESS 700 North State Street
CITY Jackson
STATE OR PROVINCE MS
POSTAL CODE 39202

CONTACT VOICE TELEPHONE 601-961-5506
CONTACT ELECTRONIC MAIL ADDRESS schamplin@mdeq.ms.gov

NATIVE DATA SET ENVIRONMENT
Microsoft Windows 7 Enterpise Service Pack 1; ESRI ArcCatalog 10.3.0.4322

Hide Identification ▲
LOGICAL CONSISTENCY REPORT
All image tiles have been checked for proper spatial reference and conformance to the quality acceptance criteria adopted in the Mississippi Department of Environmental Quality Subconsultant Services Agreement between Mississippi Geographic Information, LLC (MGI) and Surdex Corporation (Waggoner Project Number 101.2300226.011).
COMPLETENESS REPORT
This dataset includes a total of 16,081 square miles in the Central 25 Counties of Mississippi. All data delivered is delivered in NAD 1983, (2011) Mississippi State Plane, West and East Zones, US Feet.
POSITIONAL ACCURACY
HORIZONTAL POSITIONAL ACCURACY
HORIZONTAL POSITIONAL ACCURACY REPORT
These data were compiled to meet the Mississippi Department of Environmental Quality Standard for Class 1 Map Accuracy as of August 31, 2024. For the 1" = 100' scale: RMSEx less than = 1.0 feet, RMSEy less than = 1.0 feet, RMSEr less than = 1.42 feet, Accuracy r less than = 2.5 ft at the 95% confidence level.
LINEAGE
PROCESS STEP
PROCESS DESCRIPTION
Process descriptions regarding how the orthoimagery was produced can be obtained from Surdex Corporation. The complete processes used by Surdex contains sensitive business procedures that are proprietary to Surdex. Surdex is willing to release this information to interested parties provided a binding Non-Disclosure Agreement has been executed.
PROCESS DATE 2024-03-12

CLOUD COVER 0

Hide Data Quality ▲

DIRECT SPATIAL REFERENCE METHOD Raster

RASTER OBJECT INFORMATION
RASTER OBJECT TYPE Pixel
ROW COUNT 5000
COLUMN COUNT 5000

Hide Spatial Data Organization ▲

HORIZONTAL COORDINATE SYSTEM DEFINITION
PLANAR
MAP PROJECTION
MAP PROJECTION NAME Lambert Conformal Conic
LAMBERT CONFORMAL CONIC
STANDARD PARALLEL 38.033333
STANDARD PARALLEL 39.200000
LONGITUDE OF CENTRAL MERIDIAN -78.500000
LATITUDE OF PROJECTION ORIGIN 37.666667
FALSE EASTING 11482916.666667
FALSE NORTHING 6561666.666667

PLANAR COORDINATE INFORMATION
PLANAR COORDINATE ENCODING METHOD coordinate pair
COORDINATE REPRESENTATION
ABSCISSA RESOLUTION 0.000001
ORDINATE RESOLUTION 0.000001
PLANAR DISTANCE UNITS survey feet

GEODETIC MODEL
HORIZONTAL DATUM NAME North American Datum of 1983
ELLIPSOID NAME Geodetic Reference System 80
SEMI-MAJOR AXIS 6378137.000000
DENOMINATOR OF FLATTENING RATIO 298.257222

Hide Spatial Reference ▲

DETAILED DESCRIPTION
ENTITY TYPE
ENTITY TYPE LABEL Band 1 Red
ENTITY TYPE DEFINITION
Red Band - 585-690 nm
ENTITY TYPE DEFINITION SOURCE Phase-One BlackBird Sensor Specification

DETAILED DESCRIPTION
ENTITY TYPE
ENTITY TYPE LABEL Band 2 Green
ENTITY TYPE DEFINITION
Green Band 570-600 nm
ENTITY TYPE DEFINITION SOURCE Phase-One BlackBird Sensor Specification

DETAILED DESCRIPTION
ENTITY TYPE
ENTITY TYPE LABEL Band 3 Blue
ENTITY TYPE DEFINITION
Blue Band 425-530 nm
ENTITY TYPE DEFINITION SOURCE Phase-One BlackBird Sensor Specification

DETAILED DESCRIPTION
ENTITY TYPE

Entity Type Label Band 4 NIR
Entity Type Definition
NIR Band 680-830 nm
Entity Type Definition Source Phase-One BlackBird Sensor Specification

Overview Description
Entity and Attribute Overview
Reflectance values for visible and near infra-red light captured by the Phase-One BlackBird Sensor and expressed as four-band orthorectified imagery.
Entity and Attribute Detail Citation
Detailed specifications and acceptance criteria have been followed and quality checked by Atlas Geographic Data (AGD)

Hide Entities and Attributes ▲

Distributor
Contact Information
Contact Person Primary
Contact Person Stephen Champlin, RPG
Contact Organization Geospatial Resources Division/Flood Mapping Director
Contact Position Office of Geology
Contact Address
Address Type mailing and physical address
Address 700 North State Street
City Jackson
State or Province MS
Postal Code 39202

Contact Voice Telephone 601-961-5506
Contact Electronic Mail Address schamplin@mdeq.ms.gov

Distribution Liability
ALL DATA IS PROVIDED "AS IS."
Standard Order Process
Digital Form
Digital Transfer Information
Format Name TIFF
File Decompression Technique no compression applied
Transfer Size 95.37

Digital Transfer Option
Offline Option
Offline Media External drive
Recording Format NTFS

Fees variable

Custom Order Process
Contact MDEQ for ordering information.

Hide Distribution Information ▲

Metadata Date 2024-11-25
Metadata Contact
Contact Information
Contact Organization Primary
Contact Organization Mississippi Department of Environmental Quality (MDEQ)
Contact Person Stephen Champlin, RPG
Contact Position Office of Geology
Contact Address

ADDRESS TYPE mailing and physical address
ADDRESS 700 North State Street
CITY Jackson
STATE OR PROVINCE MS
POSTAL CODE 39202

CONTACT VOICE TELEPHONE 604-961-5506
CONTACT ELECTRONIC MAIL ADDRESS schamplin@mdeq.ms.gov

METADATA STANDARD NAME FGDC Content Standards for Digital Geospatial Metadata
METADATA STANDARD VERSION FGDC-STD-001-1998

METADATA USE CONSTRAINTS
None

Hide Metadata Reference ▲