

MS Public Broadcasting Tower Locations

Shapefile

Thumbnail Not Available

Tags

There are no tags for this item.

Summary

Data were compiled for use in accurate mapping and cartographic representation of MPB tower locations.

Description

MS Public Broadcasting transmission tower locations.

Credits

MARIS staff created this dataset in 2011 from locations from Pete Walley of the IHL staff. Points were entered into MS Excel to generate a shapefile in April 2011 by MARIS staff. Then points were refined using countywide 2ft resolution 2006 MDEM imagery. Base elevation calculated from the MARIS 10 meter DEM.

Access and use limitations

There are no access and use limitations for this item.

[ArcGIS Metadata](#) ►

[Resource Identification](#) ►

CITATION

TITLE MS Public Broadcasting Tower Locations

PRESENTATION FORMAT digital map

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Steve Walker

ORGANIZATION'S NAME MARIS

CONTACT'S POSITION GIS Operations Manager

CONTACT'S ROLE custodian

CONTACT INFORMATION

PHONE

VOICE601 432-6149

FAX601-432-6893

ADDRESS

DELIVERY POINT3825 Ridgewood Rd Suite 717

CITY Jackson

ADMINISTRATIVE AREA Mississippi

POSTAL CODE39042

COUNTRY UNITED STATES

E-MAIL ADDRESS

<mailto:swalker@mississippi.edu?subject=MS%20Public%20Broadcasting%20Tower%20Locations>

HOURS OF SERVICE 7:30 - 3:30 CDT

THEMES OR CATEGORIES OF THE RESOURCE elevation, location, utilities Communication

ABSTRACT (DESCRIPTION)

MS Public Broadcasting transmission tower locations.

PURPOSE (SUMMARY)

Data were compiled for use in accurate mapping and cartographic representation of MPB tower locations.

DATASET LANGUAGES English (UNITED STATES)

RESOURCE MAINTENANCE

UPDATE FREQUENCY as needed

SCOPE OF THE UPDATES attribute type

SPATIAL REPRESENTATION TYPE vector

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

BOUNDING RECTANGLE

* EXTENT TYPE Full extent in decimal degrees

OTHER EXTENT INFORMATION

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

* EXTENT TYPE Extent used for searching

* WEST LONGITUDE -90.789314

* EAST LONGITUDE -88.751471

* NORTH LATITUDE 34.671029

* SOUTH LATITUDE 30.753752

* EXTENT CONTAINS THE RESOURCE Yes

CREDITS

MARIS staff created this dataset in 2011 from locations from Pete Walley of the IHL staff. Points were entered into MS Excel to generate a shapefile in April 2011 by MARIS staff. Then points were refined using countywide 2ft resolution 2006 MDEM imagery. Base elevation calculated from the MARIS 10 meter DEM.

POINT OF CONTACT

INDIVIDUAL'S NAME Steve Walker

ORGANIZATION'S NAME MARIS

CONTACT'S POSITION GIS Operations Manager

CONTACT'S ROLE distributor

CONTACT INFORMATION

ADDRESS

E-MAIL ADDRESS

<mailto:swalker@mississippi.edu?subject=MS%20Public%20Broadcasting%20Tower%20Locations>

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[Spatial Representation ►](#)

Vector

LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

* NAMEnewstco07

OBJECT TYPE point

[Hide ▲](#)

[Reference System ►](#)

REFERENCE SYSTEM IDENTIFIER
VALUE0

[Hide ▲](#)

[Data Quality ►](#)

SCOPE OF QUALITY INFORMATION
LEVEL OF THE DATA feature type

LINEAGE

PROCESS STEP

WHEN THE PROCESS OCCURRED4/19/2008 12:00:00 AM

DESCRIPTION Gather x,y locations from Pete Walley of IHL staff

PROCESS STEP

WHEN THE PROCESS OCCURRED4/19/2011 12:00:00 AM

DESCRIPTION Generate shapefile from Excel spreadsheet events.

PROCESS STEP

WHEN THE PROCESS OCCURRED4/19/2011 12:00:00 AM

DESCRIPTION Update locations using MDEM 2006 2 foot resolution imagery

PROCESS STEP

WHEN THE PROCESS OCCURRED4/19/2011 12:00:00 AM

DESCRIPTION Calculate base elevation from MARIS 10 meter DEM

SOURCE DATA

DESCRIPTION Pete Walley of IHL staff

SOURCE DATA

DESCRIPTION MDEM 2006 2 foot imagery Winter 2006.

SOURCE REFERENCE SYSTEM

SOURCE DATA

DESCRIPTION MARIS 10 meter Digital Elevation Model (DEM) - circa 2008

SOURCE REFERENCE SYSTEM

[Hide ▲](#)

[Distribution Information ►](#)

DISTRIBUTION FORMAT

* FORMAT NAME Shapefile

TRANSFER OPTIONS

* TRANSFER SIZE 0.000

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[Metadata Details ►](#)

METADATA LANGUAGE English

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset

* SCOPE NAME dataset

METADATA CONTACT

INDIVIDUAL'S NAME Steve Walker

ORGANIZATION'S NAME MARIS

CONTACT'S POSITION GIS Operations Manager

CONTACT'S ROLE originator

CONTACT INFORMATION

ADDRESS

DELIVERY POINT 3825 Ridgewood Rd Suite 717

CITY Jackson

ADMINISTRATIVE AREA MS

POSTAL CODE 39211

E-MAIL ADDRESS

<mailto:swalker@mississippi.edu?subject=MS%20Public%20Broadcasting%20Tower%20Locations>

[Locations](#)

* LAST UPDATE 2011-04-20

MAINTENANCE

UPDATE FREQUENCY as needed

SCOPE OF THE UPDATES attribute

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[ESRI Metadata and Item Properties ►](#)

METADATA PROPERTIES

ARCGIS ArcGIS 1.0

METADATA STYLE ISO 19139 Metadata Implementation Specification

METADATA STANDARD OR PROFILE ISO 19139

CREATED IN ARCGIS 2011-04-19T11:38:55

LAST MODIFIED IN ARCGIS 2011-04-20T09:19:43

AUTOMATIC UPDATES

LAST UPDATE 2011-04-20 09:19:43
HAVE BEEN PERFORMED Yes

ITEM PROPERTIES
NAME MPB_Tower_Locations
SIZE 0.000
CONTENT TYPE Downloadable Data

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[ESRI Spatial Information ►](#)

EXTENT IN THE ITEM'S COORDINATE REFERENCE

BOUNDING RECTANGLE

* WEST LONGITUDE 404753.711401
* EAST LONGITUDE 591508.123218
* NORTH LATITUDE 1540759.584404
* SOUTH LATITUDE 1106830.559572
* EXTENT CONTAINS THE RESOURCE Yes

COORDINATE REFERENCE

TYPE Projected
PROJECTION mstm
GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983

COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

X ORIGIN -5122200
Y ORIGIN -12297100
XY SCALE 450339697.45066422
Z ORIGIN -100000
Z SCALE 10000
M ORIGIN -100000
M SCALE 10000
XY TOLERANCE 0.001
Z TOLERANCE 0.001
M TOLERANCE 0.001
HIGH PRECISION true
WELL-KNOWN
TEXT PROJCS["mstm",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",500000.0],PARAMETER["False_Northing",130000.0],PARAMETER["Central_Meridian",-89.75],PARAMETER["Scale_Factor",0.9998335],PARAMETER["Latitude_Of_Origin",32.5],UNIT["Meter",1.0]]

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[ESRI Feature Class ►](#)

FEATURE CLASS NAME MPB_Tower_Locations
* FEATURE TYPE Simple
* GEOMETRY TYPE Point
* HAS TOPOLOGY FALSE
* FEATURE COUNT 8

- * SPATIAL INDEX TRUE
- * LINEAR REFERENCING FALSE

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[ESRI Fields and Subtypes ▶](#)

MPB_Tower_Locations Feature Class

- * ROW COUNT8

FIELD FID

- * ALIAS FID
- * DATA TYPE OID
- * WIDTH4
- * FIELD DESCRIPTION
Internal feature number.

* DESCRIPTION SOURCE
ESRI

- * DESCRIPTION OF VALUES Sequential unique whole numbers that are automatically generated.

FIELD Shape

- * ALIAS Shape
- * DATA TYPE Geometry
- * FIELD DESCRIPTION
Feature geometry.

* DESCRIPTION SOURCE
ESRI

- * DESCRIPTION OF VALUES Coordinates defining the features.

FIELD Trans_Site

- * ALIAS Trans_Site
- * DATA TYPE String
- * WIDTH254
- * FIELD DESCRIPTION
Transmitter site call letters and general location

DESCRIPTION SOURCE
MPB

LIST OF VALUES

FIELD Location_C

- * ALIAS Location_C
- * DATA TYPE String
- * WIDTH254
- * FIELD DESCRIPTION
County name of actual site location

DESCRIPTION SOURCE
MARIS

LIST OF VALUES

FIELD Tower_Heig
* ALIAS Tower_Heig
* DATA TYPE Double
* WIDTH16
* PRECISION15
* SCALE6
FIELD DESCRIPTION
Tower height from base in feet

DESCRIPTION SOURCE
MPB

LIST OF VALUES

FIELD Base_Eleva
* ALIAS Base_Eleva
* DATA TYPE Double
* WIDTH16
* PRECISION15
* SCALE6
FIELD DESCRIPTION
MSL elevation at base of tower in feet

DESCRIPTION SOURCE
MARIS 10 meter DEM

LIST OF VALUES

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[ESRI Geoprocessing History ►](#)

PROCESS
PROCESS NAME
DATE2011-04-19
TIME11:37:42
TOOL LOCATION C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\Project
COMMAND ISSUED Project MPB_Towers
E:\DATA\MPB_Towers\MPB_Towewr_Locations.shp
PROJCS['mstm',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',500000.0],PARAMETER['False_Northing',

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1300000.0],PARAMETER['Central_Meridian',-  
89.75],PARAMETER['Scale_Factor',0.9998335],PARAMETER['Latitude_of_Origin',  
32.5],UNIT['Meter',1.0]] #  
GEOGCS['GCS_North_American_1983',DATUM['D_North_American_1983',SPHEROID['G  
RS_1980',6378137.0,298.257222101]],PRIMEM['Greenwich',0.0],UNIT['Degree',0  
.0174532925199433]]
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