

Air Route Surveillance Radar (ARSR)



Tags

United States of America, USA, Cuba, Guam, Puerto Rico, Air Route Surveillance Radar, ARSR, Surveillance, Radar, Visual

Summary

This data displays the location of the Air Route Surveillance Radar (ARSR) throughout the United States and United States Territories. The ARSR locations were compiled from the Natural Resources Defense Council (NRDC) - Renewable Energy and Defense Geospatial Database (READ-Database) and Radomes, Inc. - Air Defense Radar Site Search.

Description

This data displays the location of the Air Route Surveillance Radar (ARSR) throughout the United States and United States Territories.

Credits

There are no credits for this item.

Use limitations

Acknowledgment of the Natural Resources Defense Council (NRDC) - Renewable Energy and Defense Geospatial Database (READ-Database), Radomes, Inc. - Air Defense Radar Site Search, and Argonne National Laboratory (ANL) would be appreciated in products derived from this data.

Extent

There is no extent for this item.

Scale Range

Maximum (zoomed in) 1:5,000

Minimum (zoomed out) 1:20,000,000

ArcGIS Metadata

Topics and Keywords

THEMES OR CATEGORIES OF THE RESOURCE structure, utilitiesCommunication

CONTENT TYPE Offline Data

EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS United States of America, USA, Cuba, Guam, Puerto Rico

THEME KEYWORDS Air Route Surveillance Radar, ARSR, Surveillance, Radar, Visual

Citation

* TITLE Air_Route_Surveillance_Radar_Site

PRESENTATION FORMATS * digital map

Citation Contacts

RESPONSIBLE PARTY

ORGANIZATION'S NAME Natural Resources Defense Council (NRDC) - Renewable Energy and Defense Geospatial Database (READ-Database), Radomes, Inc. - Air Defense Radar Site Search, and Argonne National Laboratory (ANL)
CONTACT'S ROLE originator

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Kevin Hlava
ORGANIZATION'S NAME Argonne National Laboratory
CONTACT'S POSITION GIS Assistant/Specialist
CONTACT'S ROLE point of contact

CONTACT INFORMATION

PHONE

VOICE 1-630-252-0060

ADDRESS

TYPE both
DELIVERY POINT EVS/Bldg 240
DELIVERY POINT 9700 South Cass Avenue
CITY Argonne
ADMINISTRATIVE AREA IL
POSTAL CODE 60439
COUNTRY US
E-MAIL ADDRESS khlava@anl.gov

Resource Details

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

STATUS completed
SPATIAL REPRESENTATION TYPE * vector

* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7600) ; Esri ArcGIS 10.1.0.3035

ARCGIS ITEM PROPERTIES

* NAME Air_Route_Surveillance_Radar_Site
* SIZE 0.005
* LOCATION
* ACCESS PROTOCOL Local Area Network

Extents

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE -158.142214
* EAST LONGITUDE 144.914250
* SOUTH LATITUDE 13.535563
* NORTH LATITUDE 48.371858
* EXTENT CONTAINS THE RESOURCE Yes

Resource Points of Contact

POINT OF CONTACT

INDIVIDUAL'S NAME Kevin Hlava
ORGANIZATION'S NAME Argonne National Laboratory
CONTACT'S POSITION GIS Assistant/Specialist
CONTACT'S ROLE point of contact

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Resource Maintenance

RESOURCE MAINTENANCE
UPDATE FREQUENCY as needed

Resource Constraints

CONSTRAINTS
LIMITATIONS OF USE

Acknowledgment of the Natural Resources Defense Council (NRDC) - Renewable Energy and Defense Geospatial Database (READ-Database), Radomes, Inc. - Air Defense Radar Site Search, and Argonne National Laboratory (ANL) would be appreciated in products derived from this data.

Spatial Reference

ARCGIS COORDINATE
SYSTEM

- * TYPE Geographic
- * GEOGRAPHIC COORDINATE REFERENCE GCS_WGS_1984
- * COORDINATE REFERENCE
DETAILS

GEOGRAPHIC COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 4326
X ORIGIN -400
Y ORIGIN -400
XY SCALE 11258999068426.238
Z ORIGIN -100000
Z SCALE 10000
M ORIGIN -100000
M SCALE 10000
XY TOLERANCE 8.983152841195215e-009
Z TOLERANCE 0.001
M TOLERANCE 0.001
HIGH PRECISION true
LEFT LONGITUDE -180
LATEST WELL-KNOWN IDENTIFIER 4326
WELL-KNOWN TEXT GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID
["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT

["Degree",0.0174532925199433],AUTHORITY["EPSG",4326]]

REFERENCE SYSTEM
IDENTIFIER

- * VALUE 4326
- * CODESPACE EPSG
- * VERSION 7.9.4

Spatial Data Properties

ARCGIS FEATURE CLASS PROPERTIES

FEATURE CLASS NAME Air_Route_Surveillance_Radar_Site

- * FEATURE TYPE Simple
- * GEOMETRY TYPE Point
- * HAS TOPOLOGY FALSE
- * FEATURE COUNT 178
- * SPATIAL INDEX TRUE
- * LINEAR REFERENCING FALSE

Data Quality

SCOPE OF QUALITY INFORMATION

RESOURCE LEVEL dataset

Lineage

PROCESS STEP

DESCRIPTION Data was compiled using the Natural Resources Defense Council (NRDC) - Renewable Energy and Defense Geospatial Database (READ-Database) and Radomes, Inc. - Air Defense Radar Site Search. Radar locations were more accurately positioned using Google Earth©.

PROCESS CONTACT

INDIVIDUAL'S NAME Kevin Hlava
ORGANIZATION'S NAME Argonne National Laboratory
CONTACT'S POSITION GIS Assistant/Specialist
CONTACT'S ROLE processor

CONTACT INFORMATION

PHONE
VOICE 1-630-252-0060

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SOURCE DATA

RELATIONSHIP TO THE PROCESS STEP used

SOURCE CITATION

ALTERNATE TITLES <http://www.radomes.org/museum/search.html>

Distribution

DISTRIBUTOR

CONTACT INFORMATION

INDIVIDUAL'S NAME Kevin Hlava
ORGANIZATION'S NAME Argonne National Laboratory
CONTACT'S POSITION GIS Assistant/Specialist
CONTACT'S ROLE distributor

CONTACT INFORMATION

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DISTRIBUTION FORMAT

* NAME Shapefile

Fields

DETAILS FOR OBJECT Air_Route_Surveillance_Radar_Site

* TYPE Feature Class
* ROW COUNT 178

FIELD RANGE_MILE

* ALIAS RANGE_MILE
* DATA TYPE Double
* WIDTH 19
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Radar Range (Miles)

FIELD LOCATION

* ALIAS LOCATION
* DATA TYPE String
* WIDTH 254
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Radar Location

FIELD TYPE_

* ALIAS TYPE_
* DATA TYPE String
* WIDTH 254
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Radar Type

FIELD LATITUDE

* ALIAS LATITUDE
* DATA TYPE Double
* WIDTH 19

* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Latitude

FIELD CATEGORY
* ALIAS CATEGORY
* DATA TYPE String
* WIDTH 254
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Radar System

FIELD FAA_ID
* ALIAS FAA_ID
* DATA TYPE String
* WIDTH 254
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
FAA ID

FIELD Shape
* ALIAS Shape
* DATA TYPE Geometry
* WIDTH 0
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Feature geometry.

DESCRIPTION SOURCE
ESRI

DESCRIPTION OF VALUES Coordinates defining the features.

FIELD FID
* ALIAS FID
* DATA TYPE OID
* WIDTH 4
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Internal feature number.

DESCRIPTION SOURCE
ESRI

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

FIELD LONGITUDE
* ALIAS LONGITUDE
* DATA TYPE Double
* WIDTH 19
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Longitude

FIELD STATE

- * ALIAS STATE
- * DATA TYPE String
- * WIDTH 254
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

State Name

FIELD COUNTRY

- * ALIAS COUNTRY
- * DATA TYPE String
- * WIDTH 254
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Country Name

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 2012-09-20

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 2012-09-20 09:31:29

LAST MODIFIED IN ARCGIS FOR THE ITEM 2012-09-20 10:22:49

AUTOMATIC UPDATES

HAVE BEEN PERFORMED No

LAST UPDATE 2012-09-20 09:45:42

Metadata Contacts

METADATA CONTACT

INDIVIDUAL'S NAME Kevin Hlava

ORGANIZATION'S NAME Argonne National Laboratory

CONTACT'S POSITION GIS Assistant/Specialist

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Metadata Maintenance

MAINTENANCE

UPDATE FREQUENCY as needed

Thumbnail and Enclosures

THUMBNAIL

THUMBNAIL TYPE JPG

FGDC Metadata (read-only)