

Airport Surveillance Radar (ASR)



Tags

Airport Surveillance Radar, ASR, Surveillance, Radar, Visual

Summary

This data displays the location of the Airport Surveillance Radar System (ASR) throughout the United States and United States Territories. The ASR locations were compiled from the Natural Resources Defense Council (NRDC) - Renewable Energy and Defense Geospatial Database (READ-Database), the National Oceanic and Atmospheric Administration (NOAA) - National Geodetic Survey, and the Federal Aviation Administration (FAA) - U.S. & Territories Airport Lookup.

Description

This data displays the location of the Airport Surveillance Radar System (ASR) 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), the National Oceanic and Atmospheric Administration (NOAA) - National Geodetic Survey, the Federal Aviation Administration (FAA) - U.S. & Territories Airport Lookup, and Argonne National Laboratory (ANL) would be appreciated in products derived from this data.

ArcGIS Metadata

Topics and Keywords

* CONTENT TYPE Downloadable Data

Citation

* TITLE radar_site_asr

PRESENTATION FORMATS * digital map

Resource Details

DATASET LANGUAGES * English (UNITED STATES)

SPATIAL REPRESENTATION TYPE * vector

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

10.0.4.4000

CREDITS

ARCGIS ITEM PROPERTIES

- * NAME radar_site_asr
- * SIZE 0.006
- * LOCATION
 - * ACCESS PROTOCOL Local Area Network

Extents

EXTENT

VERTICAL EXTENT

- * MINIMUM VALUE 0.000000
- * MAXIMUM VALUE 0.000000

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

- EXTENT TYPE Extent used for searching
- * WEST LONGITUDE -114.100880
 - * EAST LONGITUDE -68.838995
 - * NORTH LATITUDE 47.491014
 - * SOUTH LATITUDE 25.797787
 - * EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

- * WEST LONGITUDE -12701651.860664
- * EAST LONGITUDE -7663121.870121
- * SOUTH LATITUDE 2974057.476577
- * NORTH LATITUDE 6022591.589695
- * EXTENT CONTAINS THE RESOURCE Yes

Resource Constraints

CONSTRAINTS

LIMITATIONS OF USE

Acknowledgment of the Natural Resources Defense Council (NRDC) - Renewable Energy and Defense Geospatial Database (READ-Database), the National Oceanic and Atmospheric Administration (NOAA) - National Geodetic Survey, the Federal Aviation Administration (FAA) - U.S. & Territories Airport Lookup, and Argonne National Laboratory (ANL) would be appreciated in products derived from this data.

Spatial Reference

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_WGS_1984
- * PROJECTION WGS_1984_Web_Mercator_Auxiliary_Sphere
- * COORDINATE REFERENCE DETAILS
 - PROJECTED COORDINATE SYSTEM
 - WELL-KNOWN IDENTIFIER 3857
 - X ORIGIN -22041545.196626503
 - Y ORIGIN -33272760.666301586
 - XY SCALE 135368852.55354038
 - 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["WGS_1984_Web_Mercator_Auxiliary_Sphere",GEOGCS
["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID
["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT
["Degree",0.0174532925199433]],PROJECTION["Mercator_Auxiliary_Sphere"],PARAME
TER ["False_Easting",0.0],PARAMETER["False_Northing",0.0],PARAMETER
["Central_Meridian",0.0],PARAMETER["Standard_Parallel_1",0.0],PARAMETER
["Auxiliary_Sphere_Type",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",3857]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 4326
- * CODESPACE EPSG
- * VERSION 7.4.1

Spatial Data Properties

VECTOR

- * LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME radar_site_asr
* OBJECT TYPE point
* OBJECT COUNT 174

ARCGIS FEATURE CLASS PROPERTIES

- * FEATURE TYPE Simple
- * GEOMETRY TYPE Point
- * HAS TOPOLOGY FALSE
- * FEATURE COUNT 174
- * SPATIAL INDEX TRUE
- * LINEAR REFERENCING FALSE

Distribution

DISTRIBUTOR

AVAILABLE FORMAT
* NAME Shapefile

TRANSFER OPTIONS

- * TRANSFER SIZE 0.006

ONLINE SOURCE

- * LOCATION
- * ACCESS PROTOCOL Local Area Network
- * DESCRIPTION Downloadable Data

DISTRIBUTION

FORMAT

- * NAME File Geodatabase Feature Class

TRANSFER OPTIONS

- * TRANSFER SIZE 0.006

Fields

DETAILS FOR OBJECT radar_site_asr

- * TYPE Feature Class
- * ROW COUNT 174

FIELD OBJECTID

- * ALIAS OBJECTID
- * 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 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 TYPE

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

- * FIELD DESCRIPTION
Radar Type

FIELD LOCATION

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

- * FIELD DESCRIPTION
City Name

FIELD RANGE_MILE

- * ALIAS RANGE_MILE
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0

* SCALE 0
FIELD DESCRIPTION
Radar Range (Miles)

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

FIELD NAME_ABBRE
* ALIAS NAME_ABBRE
* DATA TYPE String
* WIDTH 254
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Federal Aviation Administration (FAA) Location Identifier

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

FIELD LATITUDE
* ALIAS LATITUDE
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Latitude

FIELD LONGITUDE
* ALIAS LONGITUDE
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION
Longitude

FIELD ELEVATION
* ALIAS ELEVATION
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Radar Elevation

FIELD NAME
* ALIAS NAME
* DATA TYPE String
* WIDTH 254
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Airport Name

FIELD OFFSETA
* ALIAS OFFSETA
* DATA TYPE Integer
* WIDTH 4
* PRECISION 0
* SCALE 0

FIELD OFFSETB
* ALIAS OFFSETB
* DATA TYPE Integer
* WIDTH 4
* PRECISION 0
* SCALE 0

FIELD RADIUSB
* ALIAS RADIUSB
* DATA TYPE Integer
* WIDTH 4
* PRECISION 0
* SCALE 0

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 2012-06-11

ARCGIS METADATA PROPERTIES
METADATA FORMAT ArcGIS 1.0
METADATA STYLE ISO 19139 Metadata Implementation Specification

CREATED IN ARCGIS 2012-05-03 08:48:56
LAST MODIFIED IN ARCGIS 2012-06-11 07:47:01

AUTOMATIC UPDATES
HAVE BEEN PERFORMED Yes
LAST UPDATE 2012-06-11 07:47:01