**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

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 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"],PARAMETER
["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
<table>
<thead>
<tr>
<th>Field Name</th>
<th>Field Category</th>
<th>Data Type</th>
<th>Width</th>
<th>Precision</th>
<th>Scale</th>
<th>Field Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radar Range</td>
<td>Field Description</td>
<td>String</td>
<td>254</td>
<td>0</td>
<td>0</td>
<td>Radar Range (Miles)</td>
</tr>
<tr>
<td>Radar System</td>
<td>Field Description</td>
<td>String</td>
<td>254</td>
<td>0</td>
<td>0</td>
<td>Radar System</td>
</tr>
<tr>
<td>Federal Aviation Administration (FAA) Location Identifier</td>
<td>Field Name Abbreviation</td>
<td>String</td>
<td>254</td>
<td>0</td>
<td>0</td>
<td>Federal Aviation Administration (FAA) Location Identifier</td>
</tr>
<tr>
<td>State Name</td>
<td>Field State</td>
<td>String</td>
<td>254</td>
<td>0</td>
<td>0</td>
<td>State Name</td>
</tr>
<tr>
<td>Country Name</td>
<td>Field Country</td>
<td>String</td>
<td>254</td>
<td>0</td>
<td>0</td>
<td>Country Name</td>
</tr>
<tr>
<td>Latitude</td>
<td>Field Latitude</td>
<td>Double</td>
<td>8</td>
<td>0</td>
<td>0</td>
<td>Latitude</td>
</tr>
<tr>
<td>Longitude</td>
<td>Field Longitude</td>
<td>Double</td>
<td>8</td>
<td>0</td>
<td>0</td>
<td>Longitude</td>
</tr>
</tbody>
</table>
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
AUTOMATIC UPDATES
HAVE BEEN PERFORMED Yes
LAST UPDATE 2012-06-11 07:47:01