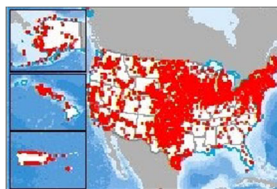


Wind Turbine - Permit Locations

File Geodatabase Feature Class



Tags
Wind Turbine

Summary

Federal Aviation Administration (FAA) Wind Turbine Location Data

Description

Federal Aviation Administration (FAA) Wind Turbine Location Data

The data sets provided on this page are derived from the FAA's Obstruction Analysis / Airport Airspace Analysis (OE/AAA) data (<https://oeaaa.faa.gov/oeaaa/external/portal.jsp>).

Each month, the raw, tabular data is downloaded, compiled and modified*, then used to create a series of ArcGIS layer files and feature classes as well as KMZ files (for use in Google Earth). The data modifications include the addition of US Fish and Wildlife Service (FWS) regions and the grouping of the data by determination and status to reduce the number of categories and making it easier to display using Geographic Information Systems (GIS) software.

Four categories were merged together at Argonne National Laboratory. These include:

Determined with Built Date: This included those records which have been returned to the FAA with a Built Date and generally represent completed construction.

Determined without Built Date: This includes records that are in some state of construction (and may be completed) but no built date has been returned to the FAA.

Determined as Hazard: This includes records that, for one reason or another, have been determined to be a hazard to air navigation and typically are not under construction.

Not Yet Determined: This includes records that are earlier in the permitting process and no determination (whether they are a hazard or not) has been made.

Credits

Data derived from the FAA's Obstruction Analysis / Airport Airspace Analysis (OE/AAA) data (<https://oeaaa.faa.gov/oeaaa/external/portal.jsp>).

Use limitations

There are no access and use limitations for this item.

Extent

West -176.655533 **East** 145.820709
North 71.324436 **South** -14.319120

Scale Range

Maximum (zoomed in) 1:5,000
Minimum (zoomed out) 1:150,000,000

ArcGIS Metadata ►

Topics and Keywords ►

* CONTENT TYPE Downloadable Data

[Hide Topics and Keywords ▲](#)

Citation ►

TITLE Wind Turbine - Permit Locations

PRESENTATION FORMATS digital map

[Hide Citation ▲](#)

Resource Details ►

DATASET LANGUAGES English (UNITED STATES)

SPATIAL REPRESENTATION TYPE vector

PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.7.1.11595

CREDITS

Data derived from the FAA's Obstruction Analysis / Airport Airspace Analysis (OE/AAA) data (<https://oeaaa.faa.gov/oeaaa/external/portal.jsp>).

ARCGIS ITEM PROPERTIES

- * NAME windmill_windmotor_site_permit_fws
- * LOCATION
 - * ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

- EXTENT TYPE Extent used for searching
- * WEST LONGITUDE -176.655533
- * EAST LONGITUDE 145.820709
- * NORTH LATITUDE 71.324436
- * SOUTH LATITUDE -14.319120
- * EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

- * WEST LONGITUDE -19665203.967400
- * EAST LONGITUDE 16232687.073200
- * SOUTH LATITUDE -1610854.040500
- * NORTH LATITUDE 11514127.302900
- * EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

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 102100

X ORIGIN -20037700

Y ORIGIN -30241100

XY SCALE 10000

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

LATEST WELL-KNOWN IDENTIFIER 3857

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 4269

CODESPACE EPSG

VERSION 6.12(3.0.1)

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

- * LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME windmill_windmotor_site_permit_fws

* OBJECT TYPE point

* OBJECT COUNT 299199

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME windmill_windmotor_site_permit_fws

* FEATURE TYPE Simple

* GEOMETRY TYPE Point

* HAS TOPOLOGY FALSE

* FEATURE COUNT 299199

* SPATIAL INDEX TRUE

* LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Geoprocessing history ▶ Distribution ▶

DISTRIBUTION FORMAT

NAME File Geodatabase Feature Class

[Hide Distribution ▲](#)

Fields ▶

DETAILS FOR OBJECT windmill_windmotor_site_permit_fws ▶

- * TYPE FeatureClass
- * ROW COUNT 299199

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.

[Hide Field OBJECTID ▲](#)

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.

[Hide Field Shape ▲](#)

FIELD InUpd ▶

- * ALIAS InUpd
- * DATA TYPE String
- * WIDTH 8000
- * PRECISION 0
- * SCALE 0

[Hide Field InUpd ▲](#)

FIELD ASN ▶

- * ALIAS ASN
- * DATA TYPE String
- * WIDTH 8000
- * PRECISION 0
- * SCALE 0

[Hide Field ASN ▲](#)

FIELD PASN ▶

- * ALIAS PASN
- * DATA TYPE String
- * WIDTH 8000
- * PRECISION 0
- * SCALE 0

[Hide Field PASN ▲](#)

FIELD STATUS ▶

- * ALIAS STATUS
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- * SCALE 0

[Hide Field STATUS ▲](#)

FIELD DETERM ►
* ALIAS DETERM
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* PRECISION 0
* SCALE 0

[Hide Field DETERM ▲](#)

FIELD EntDate ►
* ALIAS EntDate
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* PRECISION 0
* SCALE 0

[Hide Field EntDate ▲](#)

FIELD RecDate ►
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* SCALE 0

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FIELD ExpDate ►
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* SCALE 0

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FIELD LONGITUTDE ►
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- * SCALE 0

Hide Field MLtype2 ▲

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- * SCALE 0

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FIELD StrST ▶

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- * SCALE 0

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FIELD Dir2Airpt ▶

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FIELD PropDes ▶

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FIELD LocDes ▶

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FIELD Duration ►

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FIELD DurMnths ►

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- * SCALE 0

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FIELD WsEndDt ►

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FIELD DtBuilt ►

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FIELD NACGnum ►

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FIELD Elev ▶
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- * SCALE 0

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FIELD RepCntry ▶

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FIELD RepEmail ▶

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- * PRECISION 0
- * SCALE 0

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FIELD RepFax ▶

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FIELD RepPH ▶

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- * PRECISION 0
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FIELD RepPHx ▶

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- * SCALE 0

Hide Field RepPHx ▲

FIELD RepST ▶

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Hide Field RepST ▲

FIELD RepAddr1 ▶

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- * WIDTH 8000
- * PRECISION 0
- * SCALE 0

[Hide Field RepAddr1 ▲](#)

FIELD RepAddr2 ▶

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- * DATA TYPE String
- * WIDTH 8000
- * PRECISION 0
- * SCALE 0

[Hide Field RepAddr2 ▲](#)

FIELD RepZip ▶

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- * SCALE 0

[Hide Field RepZip ▲](#)

FIELD SprAttn ▶

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[Hide Field SprAttn ▲](#)

FIELD SprCity ▶

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FIELD SprCntry ▶

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[Hide Field SprCntry ▲](#)

FIELD SprEmail ▶

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[Hide Field SprEmail ▲](#)

FIELD SprName ▶

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- * SCALE 0

[Hide Field SprName ▲](#)

FIELD SprFax ▶

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[Hide Field SprFax ▲](#)

FIELD SprPH ▶

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Hide Field SprAddr1 ▲

FIELD SprAddr2 ▶
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Hide Field SprAddr2 ▲

FIELD SprZip ▶
* ALIAS SprZip
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Hide Field SprZip ▲

FIELD SigCtrlNum ▶
* ALIAS SigCtrlNum
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* SCALE 0

Hide Field SigCtrlNum ▲

FIELD LatDD ▶
* ALIAS LatDD
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0

Hide Field LatDD ▲

FIELD LonDD ▶
* ALIAS LonDD
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0

Hide Field LonDD ▲

FIELD FWSRegion ▶
* ALIAS FWSRegion
* DATA TYPE Integer
* WIDTH 4
* PRECISION 0
* SCALE 0

Hide Field FWSRegion ▲

- FIELD **FWSStatus** ▶
- * ALIAS **FWSStatus**
 - * DATA TYPE **String**
 - * WIDTH **8000**
 - * PRECISION **0**
 - * SCALE **0**

[Hide Field FWSStatus ▲](#)

- FIELD **Type** ▶
- * ALIAS **Type**
 - * DATA TYPE **String**
 - * WIDTH **50**
 - * PRECISION **0**
 - * SCALE **0**

[Hide Field Type ▲](#)

[Hide Details for object windmill_windmotor_site_permit_fws ▲](#)

[Hide Fields ▲](#)

Metadata Details ▶

METADATA LANGUAGE **English (UNITED STATES)**

SCOPE OF THE DATA DESCRIBED BY THE METADATA **dataset**
SCOPE NAME **dataset**

LAST UPDATE **2020-10-05**

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 **2020-10-12 13:36:59**

LAST MODIFIED IN ARCGIS FOR THE ITEM **2020-10-15 11:35:55**

AUTOMATIC UPDATES

HAVE BEEN PERFORMED **Yes**

LAST UPDATE **2020-10-15 11:32:40**

[Hide Metadata Details ▲](#)

Thumbnail and Enclosures ▶

THUMBNAIL

THUMBNAIL TYPE **JPG**

[Hide Thumbnail and Enclosures ▲](#)

FGDC Metadata (read-only) ▼