



Federal Aviation
Administration



FEDERAL AVIATION ADMINISTRATION

OE/AAA®

OBSTRUCTION EVALUATION / AIRPORT AIRSPACE ANALYSIS

DESK REFERENCE GUIDE

SUBJECT: Wind Turbine Build Out

**You are not required to have a registered e-filing account*

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All references to software products remain the protected trademarks of their manufacturers. The instructions in this document may reference Microsoft application(s). This is not meant in any way to express a preference for any particular product since there are many different browsers, programs, and operating systems available to the user. For simplicity only, one brand/product is used in the examples that follow.



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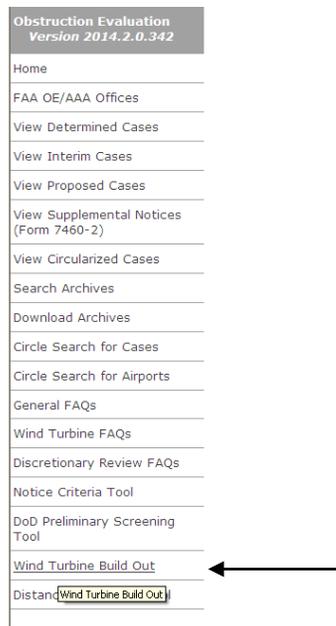


Wind Turbine Build Out

The Wind Turbine Build Out display provides an overview of determined and proposed wind turbine/met tower projects within the continental United States.

This display is provided to assist developers during the planning phase and to identify areas where cumulative impact may become a factor in the aeronautical study process.

The use of this display does not exempt any person(s) from the filing requirements described in Title 14 of the Code of Federal Regulations [Part 77](#).



To access the OE/AAA Wind Turbine Build Out tool, select the **Wind Turbine Build Out** link located on the left sidebar of the website, under the gray Obstruction Evaluation header.

From the **Wind Turbine Build Out** link you'll have the ability to view a depiction of current Determined wind turbine cases within a 48 nautical mile radius of a specified location.



Wind Turbine Build Out

Wind Turbine Build Out

faa.gov Tools

Disclaimer:

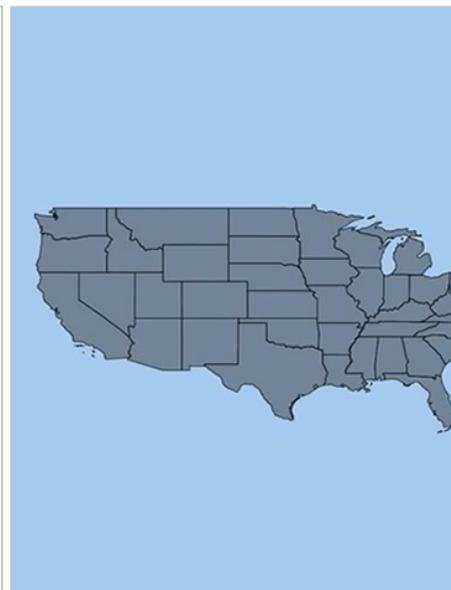
- The Wind Turbine Build Out display provides an overview of determined and proposed wind turbine/met tower projects within the continental United States. When latitude/longitude coordinates are submitted, the map will recenter and display the wind turbine build out within a 48 nautical mile radius of the specified location.

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Instructions:

- Enter a single point and click submit to generate a wind turbine build out analysis map.

Point	Latitude				Longitude			
	Deg	Min	Sec	Dir	Deg	Min	Sec	Dir
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	N <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	W <input type="button" value="v"/>
Horizontal Datum:	NAD83 <input type="button" value="v"/>							
<input type="button" value="Submit"/>								



Map Legend:

- Red:** Hazard- cases that exceed obstruction standards and/or have an adverse effect upon navigable airspace or air navigation facilities.
- Yellow:** Proposed-cases that are being evaluated by the FAA.
- Blue:** Determined-cases that have a completed aeronautical study and an FAA determination.

Map Legend:

- Red:** Hazard- cases that exceed obstruction standards and/or have an adverse effect upon navigable airspace or air navigation facilities.
- Yellow:** Proposed-cases that are being evaluated by the FAA.
- Blue:** Determined-cases that have a completed aeronautical study and an FAA determination.



Instructions:

1. Enter a single point Latitude and Longitude,

Point	Latitude				Longitude			
	Deg	Min	Sec	Dir	Deg	Min	Sec	Dir
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	N <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	W <input type="button" value="v"/>
Horizontal Datum:		NAD83 <input type="button" value="v"/>						
<input type="button" value="Submit"/>								

2. Submit to generate a wind turbine build out analysis map.

When latitude/longitude coordinates are submitted, the map will re-center and display the wind turbine build out within a 48 nautical mile radius of the specified location.

Example 1: Display of Hazard, Proposed and Determined Cases





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Example 2: display of Determined and Proposed Cases

Disclaimer:

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Instructions:

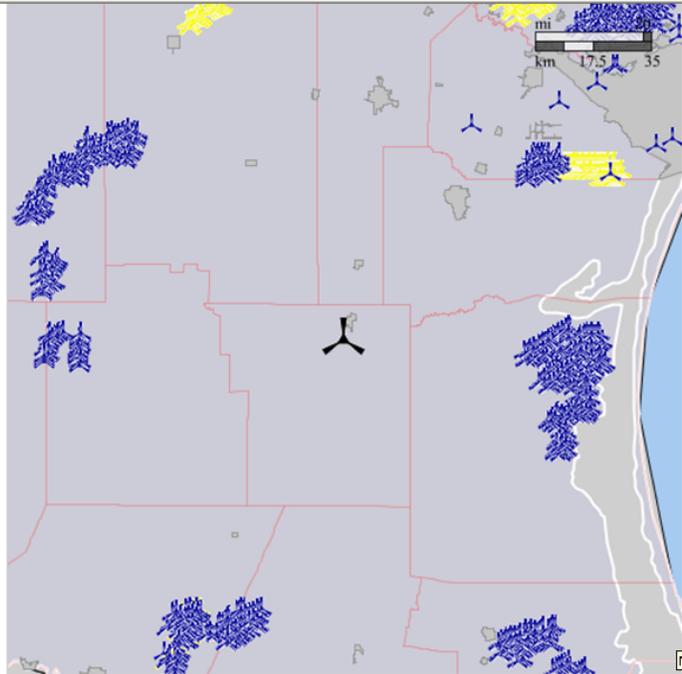
- Enter a single point and click submit to generate a wind turbine build out analysis map.

Point	Latitude				Longitude			
	Deg	Min	Sec	Dir	Deg	Min	Sec	Dir
1	<input type="text" value="27"/>	<input type="text" value="11"/>	<input type="text" value="01.26"/>	<input type="text" value="N"/>	<input type="text" value="98"/>	<input type="text" value="09"/>	<input type="text" value="39.03"/>	<input type="text" value="W"/>

Horizontal Datum:

Map Legend:

- Red:** Hazard- cases that exceed obstruction standards and/or have an adverse effect upon navigable airspace or air navigation facilities.
- Yellow:** Proposed-cases that are being evaluated by the FAA.
- Blue:** Determined-cases that have a completed aeronautical study and an FAA determination.



Air Traffic Wind Turbine Contacts for Texas - Central

Position	Name	Email	Telephone
Technician	Rosgen, Tracy	tracy.rosgen@faa.gov	(202) 267-5235
Specialist	Mumper, Brenda	brenda.mumper@faa.gov	(816) 329-2524
Backup Technician	Cody, Chris	chris.cody@faa.gov	(404) 305-7083

Planning phase/cumulative impact questions should be directed to the Air Traffic Wind Turbine Contacts for the location state. Contact information is located below the generated map.