

# Help for CFI Tools Area WX

**PURPOSE:** The Area Weather App is used to display METAR and TAF data for a specified Area. The Area is defined by a METAR station and a radius around that Station. The weather data may be displayed either as a list of Stations or with the Stations positioned on a map.

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**HOW TO USE** the Area WX App:

## **To define the Area:**

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1. Go to Either the Map or Stations Tab
  - By touching the Button at the top of the screen
2. Touch the Area button - bottom right
3. Touch the Station field to enter the search function
4. Enter some characters from either the Station ID or airport name or city
5. Touch an Airport to select it
6. Enter the Radius and Touch Done

## **To see the raw data for a METAR or TAF**

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1. Touch the selected Station on the Stations Tab
2. Touch the Translate button to see the translated text

## **To change start-up or measurement unit options**

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1. Touch the Options button at the bottom of the screen
  2. Update selected options
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**PLEASE NOTE:** The source of the METARs used in this App is NOAA's National Weather Service Aviation Weather Center. It can be found here:

<http://aviationweather.gov/adds/metars/>

If the METAR station cannot be found with this site, it will not be in the App.

The database used in the App contains over 4,000 airports. If you would like to review the list of airports in the database you can see them in either an Excel

spreadsheet or in a simple tab separated text file. **If the METAR station cannot be found on this list, it will not be in the App.**

The files with the Station List are here:

<http://www.edgemontaviation.com/cfitools/AreaWxAirports.xls>

<http://www.edgemontaviation.com/cfitools/AreaWxAirports.txt>

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**CAUTION! This App should be used for training and reference purposes, for flight planning approved weather sources should be used.**

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## **Options**

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### **Default Airport**

Enter the METAR station ID to be used at start-up

### **Radius**

Enter the Radius in nautical miles

### **Start with**

Select either the Map tab or the Stations tab

### **Wind Speed**

Select either Knots or MPS (Meters per Second) for wind speed measurement

### **Temperature**

Select either Celsius or Fahrenheit for wind speed measurement

### **Distance**

Select either Feet or Meters for distance measurement.

# Area WX Stations Screenshot

AT&T
4:58 PM
100%

**Preflight**

**Stations**

Map

Options

**Current WX**

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**METARs**

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**Weight & Balance**

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**Takeoff & Landing**

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**Area Wx**

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**Airport Update**

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**Hold Viewer**

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**VOR Viewer**

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**Crosswind Calculator**

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**Weather**

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**AOPA**

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**DUATS**

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**Options**

55 NM KJYO Leesburg Executive

**KJYO Leesburg Executive**

Temp DewP Sky Vis Wind  
 88F 66F SCT 047 10SM 320@12G20  
 RH 49%

VFR 0.0 NM 22 20:40Z

**KIAD Washington Dulles Intl**

Temp DewP Sky Vis Wind  
 88F 66F FEW 050 10SM 300@15G22  
 RH 49% SCT 080  
 SCT 200

VFR 9.3 NM 22 20:52Z

**KGAI Montgomery County Airpark**

Temp DewP Sky Vis Wind  
 84F 68F FEW 045 10SM 310@08  
 RH 58%

VFR 19.0 NM 22 20:35Z

**KHEF Manassas Rgnl/Harry P. Davis Field**

Temp DewP Sky Vis Wind  
 90F 66F BKN 085 10SM 300@12G17  
 RH 46%

VFR 21.5 NM 22 20:35Z

**KW50 Davis**

No METAR available  
 21.5 NM

**KFDK Frederick Muni**

Temp DewP Sky Vis Wind  
 86F 66F SCT 046 10SM 300@11  
 RH 52% BKN 085

VFR 22.1 NM 22 20:50Z

**KOKV Winchester Rgnl**

Temp DewP Sky Vis Wind  
 88F 66F BKN 050 10SM 330@11G17  
 RH 49% BKN 065  
 BKN 085

VFR 27.6 NM 22 20:40Z

**KDCA Ronald Reagan Washington National**

Temp DewP Sky Vis Wind  
 86F 73F SCT 055 10SM Calm  
 RH 66% BKN 075

VFR 27.8 NM 22 20:52Z

**KMRB Eastern Wv Rgnl/Shepherd Fld**

Temp DewP Sky Vis Wind  
 84F 64F FEW 065 10SM 320@13G19  
 RH 52%

VFR 27.8 NM 22 20:53Z

**K09W South Capitol Street**

2010-08-22 16:57:27

2010-08-22 20:57:27 Z

CFI Tools

Area

# Area WX Map Screenshot

AT&T
4:58 PM
100%

Preflight

Current WX

METARs

Weight & Balance

Takeoff & Landing

Area Wx

Airport Update

Hold Viewer

VOR Viewer

Crosswind Calculator

Weather

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DUATS

Options

Map
Stations Options

55 NM KJYO Leesburg Executive

VFR	21	LIFR	0	Avg Tmp	86F
MVFR	0	UNKN	0	Min Cig	046
IFR	0	Total	21	Min Vis	10

Map

Satellite

Hybrid

Area

CFI Tools

# Area WX Options Screenshot

