

Help for CFI Tools Current WX

PURPOSE: The Current WX App is used to view the current and recent weather for a given station.

HOW TO USE the Current WX App:

Select the Airport

- Touch the Station Id at the top/left of the screen and the Airport Search screen will be presented
- Enter a few characters from the Station ID or the Airport name or the Airport City
- See the screenshot below for an example
- Select the Airport by touch

Review Historical METARs

Slide the slider at the bottom to scroll backward through available METAR data. The number of METARs available will vary by station and recording method.

Select a Favorite

- Touch a Favorite Station in the list at the top right to show the detailed data for that station. The Favorite Stations are defined on the Options screen.

Refresh

- Touch the refresh button to get the current METAR

Data Presented

Top Left

- **Selected Station ID, Airport name and City:** The airport identification
- **Date & Time:** Zulu time from the METAR and time for the iPad local zone
- **METAR values:** These values are taken directly from the METAR or calculated based on the METAR data
- **Colorized Personal Minimums:** Visibility, Ceiling, Temp, Wind Speed and Gust will be colorized based on personal minimums defined on the **Options Tab**

Top Right

- **Aviation Flight Category:**

LIFR	Ceiling < 500 Feet	Visibility < 1 mile
IFR	Ceiling 500 - 1,000 Feet	Visibility 1 - 3 miles
MVFR	Ceiling 1000 - 3000 Feet	Visibility 3 - 5 miles
VFR	Ceiling > 3,000 Feet	Visibility > 5 miles

- **Graphic Wind direction and speed**
- **Sky Condition:** From the METAR
- **Favorite Stations:** These Stations are defined on the Options Tab. The colorized Aviation Flight Category and Wind Conditions are shown for each station. This is a nice way to get a feel for conditions in the region.

Bottom Left

- **Graphical presentation of historical data:** The six boxes show historical METAR data for the Station. These graphics clearly show trend for weather data.

Bottom Right

- **Runway relative wind:** Up to three runways will be shown with the wind arrow showing the selected METAR wind data. Headwind and Crosswind components are calculated. The suggested runway (with headwind) is shown in red and the tailwind runway is shown in blue.

Bottom

- **Raw METAR:** The raw METAR is shown at the bottom. Since METAR may be entered by hand not all data may be translated correctly above. This raw information may be reviewed to get the complete METAR information.

Current WX Screenshot

AT&T
4:45 PM
100%

Preflight

- Current WX
- METARs
- Weight & Balance
- Takeoff & Landing
- Area Wx
- Airport Update
- Hold Viewer
- VOR Viewer
- Crosswind Calculator
- Weather
- AOPA
- DUATS
- Options

Current Wx

KACK Nantucket Memorial

Nantucket, MA, US

Refresh Mon Jul-19 15:53 EDT 19:53Z

Elevation	48	Visibility	9.00	Wind	130
Pressure Alt.	118	Ceiling	005	Speed	03
Density Alt.	1414	Temp. C/F	23/ 73	Gust	0
Altimeter	29.85	Dew Pt. C/F	22/ 72	R.Hum	94.1

IFR



BKN 005
 BKN 036
 BKN 080

KJYO VFR 230@07
Leesburg Executive

KIAD VFR 190@09
Washington Dulles Intl

KOKV VFR 150@09G21
Winchester Rgnl

KMRB VFR 230@07
Eastern Wv Rgnl/Shepher

- RA Rain

Wind Direction



Wind Speed



6

HWind 1.0
XWind 2.8
XGust 0.0



Visibility



Ceiling



15

HWind 2.8
XWind -1.0
XGust -0.0



Altimeter



Temperature/Dew Point



12

HWind 3.0
XWind 0.5
XGust 0.0



CFI Tools

KACK 191953Z 13003KT 9SM -RA BKN005 BKN036 BKN080 23/22 A2985 RMK AO2 SLP106 TS MOVD E P0046 T02280217

Airport Search Screenshot

