

HELP FOR CURRENT WX

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

When to Use the Current WX

To view consolidated weather data for the past 36 hours

The Current WX screen is used to view current weather data for a METAR station. In addition to the current data all available METAR history is plotted to show trends over the previous 36 hours.

To get a quick read on weather compared to minimums and maximums

This data is used before a flight to assess current conditions and weather trends along the route of flight. The METAR values are colored according to **personal minimums and maximums**. This brings important information to the pilots attention.

To help visualize conditions over time

Crosswind and Headwind components are displayed for up to three runways. This data is also color coded based on user selected limits.

How to Use the Current WX

Select the Airport

Touch the Station ID (Blue Button) 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 touching it

Review Historical METARs

Slide the slider at the bottom to scroll back and forth 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 complete Current WX for that station. The Favorite Stations are defined on the Options screen.

Refresh

Touch the refresh button to get the current METAR data

Map

Go to the Airport Map page to see the Airport location on a map.

Sky Vector

View this Airport on the Sky Vector web page – US airports only.

AirNav

View this Airport on the AirNav web page – US airports only.

Data Displayed

Top Left

- **Selected Station ID, Airport Name and City:** The airport identification
- **Date & Time:** Zulu time from the METAR and time for the 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** page

Top Right

- Aviation Flight Category

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

- **Graphic Wind direction and speed**
- **Sky Condition and Present Weather:** From the METAR
- **Favorite Stations:** These Stations are defined on the Options page. 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 trends 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. The red line indicates the point where a headwind becomes a tailwind.

Bottom

- **Raw METAR:** The raw METAR is shown at the bottom. Since a METAR may be entered by hand not all data may be translated correctly above. This raw information can be reviewed to get the complete METAR information.
- **Unit of Measurement Buttons:** The units of measurement used for the METAR data can be changed with these four buttons.
- **Alternate METAR:** The Alternate METAR station can be used at airports that don't have a METAR station to display weather from a nearby station. Touch the yellow ID button to select an Alternate and touch the Use/Don't Use Button to select the METAR to use.

Current WX Screenshot

iPad

11:32 AM

100%

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CURRENT WX



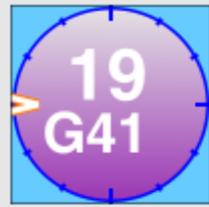
Greater Cumberland Rgnl
Cumberland, MD, US



Thu Mar-02 03:42 EST 08:42Z

Temp. C/F **6/ 43** Visibility **10.00** SM
Dew Pt. C/F **-5/ 23** Ceiling **50** 00 Feet
Elevation **775** Feet Wind **270**
Pressure Alt. **885** Feet Speed **19** Knots
Density Alt. **81** Feet Gust **41** Knots
Altimeter **29.82** Hg R.Hum **45.1** %

VFR



Sky Condition

BKN 050

- KJYO **VFR** Unk Leesburg Executive
- KIAD **VFR** 310@19G27 Washington Dulles Intl
- KOKV **VFR** 280@21 Winchester Rgnl
- KCBE **VFR** 270@19G41 Greater Cumberland Rgnl
- KMRB **VFR** 280@17G24

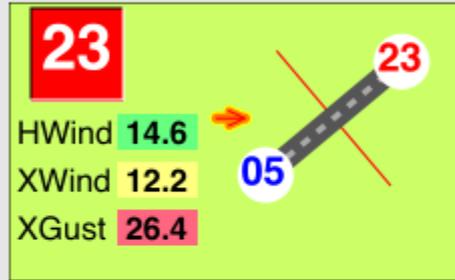
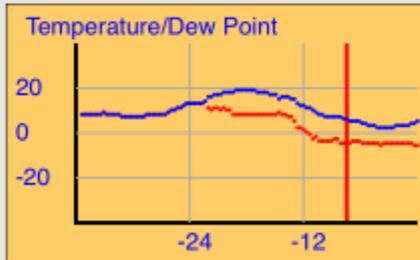
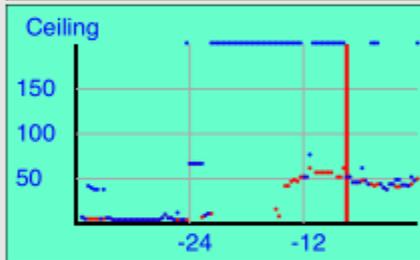
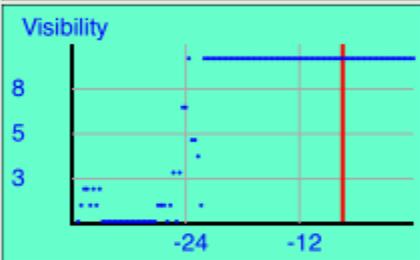
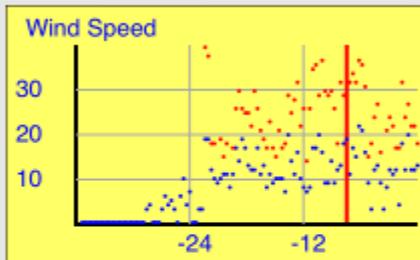
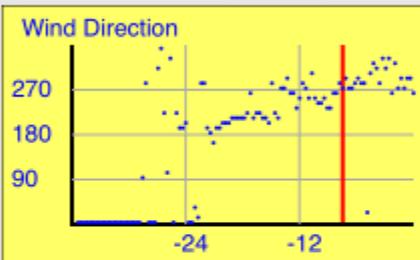
Present Weather

No present wx reported

Map

Sky Vector

AirNav



KCBE 020842Z AUTO 27019G41KT 241V311 10SM BKN050 06/M05 A2982 RMK AO1

Altitude Altimeter Visibility Wind

Alternate Metar

CFI Tools

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CURRENT WX



General Edward Lawrence Logan Intl
Boston, MA, US



Thu Mar-02 09:54 EST 14:54Z

VFR



- KJYO VFR Unk Leesburg Executive
- KIAD VFR 310@19G27 Washington Dulles Intl
- KOKV VFR 280@21 Winchester Rgnl
- KCBE VFR 260@13G18 Greater Cumberland Rgnl
- KMRB VFR 280@17G24

Temp. C/F **8/ 47** Visibility **10.00** SM
 Dew Pt. C/F **-3/ 27** Ceiling **65** 00 Feet
 Elevation **19** Feet Wind **290**
 Pressure Alt. **539** Feet Speed **26** Knots
 Density Alt. **-85** Feet Gust **36** Knots
 Altimeter **29.41** Hg R.Hum **45.5** %

Sky Condition

SCT 049
BKN 065

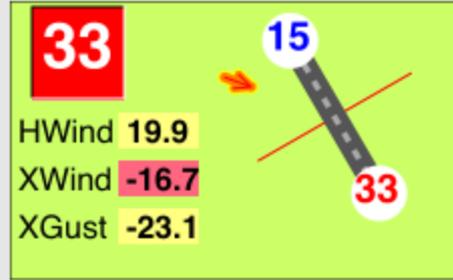
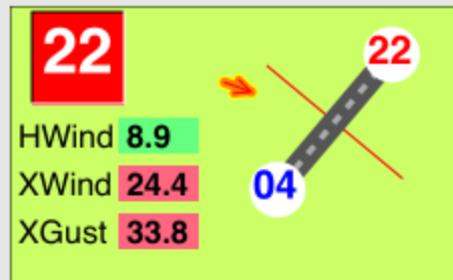
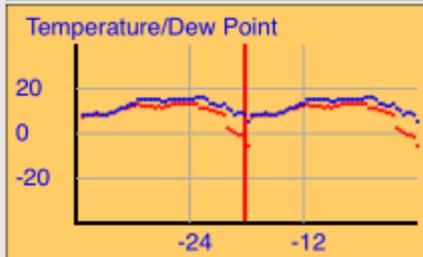
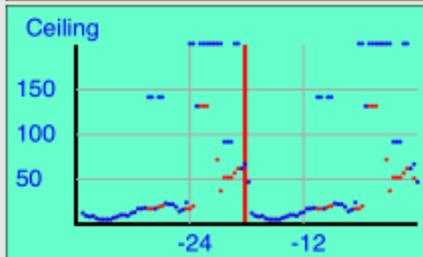
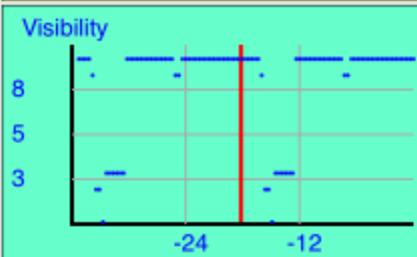
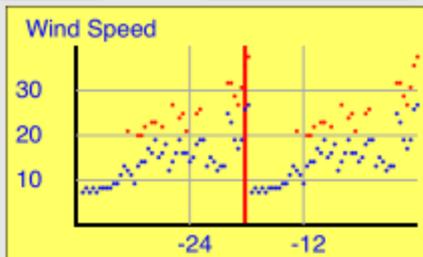
Present Weather

No present wx reported

Map

Sky Vector

AirNav



KBOS 021454Z 29026G36KT 10SM SCT049 BKN065 08/M03 A2941 RMK AO2 PK WND 26041/1422 PRESRR SLP958 T00831028 53019

Altitude Altimeter Visibility Wind

Alternate Metar



Current WX with Alternate Screenshot

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CURRENT WX

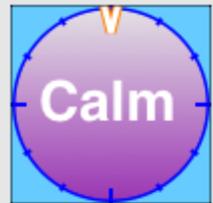
5CL8

Creekside
Arvin, CA, US

Refresh

Alternate METAR [KBFL Meadows Field]
Fri Mar-29 09:54 EDT 13:54Z

VFR



Sky Condition

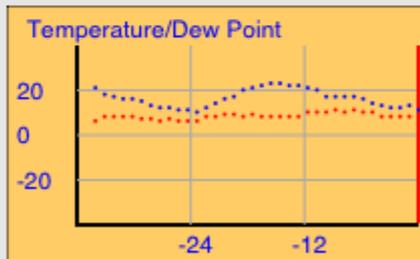
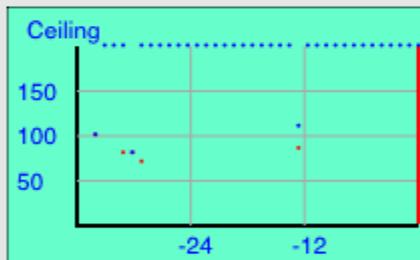
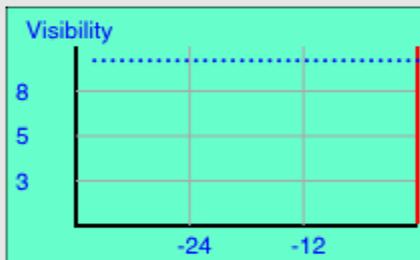
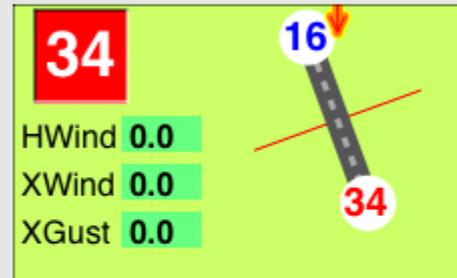
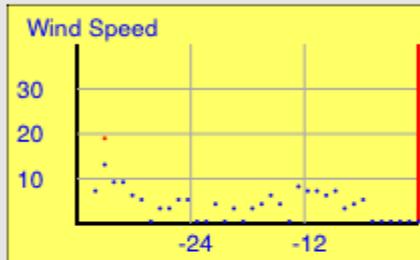
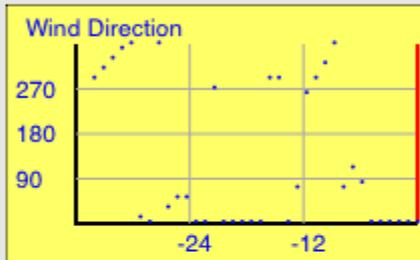
CLR

- KJYO VFR 350@6
Leesburg Executive
- KIAD VFR 330@3
Washington Dulles Intl
- KOKV VFR 310@10
Winchester Rgnl
- KMRB VFR Calm
Eastern Wv Rgnl/Shepher
- EINN VFR 110@19

Present Weather

No present wx reported

Temp. C/F 12/ 53 Visibility 10.00 SM
Dew Pt. C/F 8/ 46 Ceiling 200 00 Feet
Elevation 510 Feet Wind 0
Pressure Alt. 360 Feet Speed 0 Knots
Density Alt. 96 Feet Gust Knots
Altimeter 30.07 Hg R.Hum 77.0 %



KBFL 291354Z AUTO 0000KT 10SM CLR 12/08 A3007 RMK AO2 SLP180 T01170078

Altitude Altimeter Visibility Wind

Alternate Metar

KBFL

Meadows Field, Bakersfield, CA, US

>>> In Use <<<

Airport Search Screenshot

Carrier  5:26 PM 100% 

K4N1 Greenwood Lake West Milford

KABY Southwest Georgia Rgnl Albany

KAQW Harriman-And-West North Adams

KAWM West Memphis Muni West Memphis

KAXH Houston-Southwest Houston

KBAF Barnes Muni Westfield/Springfield

KBEH Southwest Michigan Rgnl Benton Harbor

KBFF Western Neb. Rgnl/William B. Heilig Field Scottsbluff

KBIV West Michigan Rgnl Holland

KCEF Westover Arb/Metropolitan Springfield/Chicopee

KCKB North Central West Virginia Clarksburg

KCTJ West Georgia Rgnl - O V Gray Field Carrollton

KDLP West Delta 27a West Delta 27a

KDMW Carroll County Rgnl/Jack B Poage Field Westminster

