

HELP FOR ROUTE WX

PURPOSE: The Route Weather App is used to display METAR and TAF data for a specified Route. The Route is defined by a straight line drawn between two airports and all airports within a radius from the line. Other airports not within this area can be added to the route. This is not a detailed flight plan route with all the waypoints. It is a look at the weather along a given route.

When to Use the Route WX

To get a quick look at conditions along your route

The Route WX shows the same weather seen on the Current WX and METAR pages. It is displayed here in a different format that gives the user a different perspective. The colored boxes highlight the flight category by region.

To see local TAFs

Use the map to get a quick overview of route weather conditions. The Translated METARs give a view of the METAR data formatted to be a little easier to read. I like to just look at the Raw data screen for a quick over view of current conditions and also to get a look at current TAFs along the route.

How to Use the Route WX App:

Define the Route

- Touch the Add button - bottom left (Page 1 on the iPhone)
- Touch the Origin or Destination Airport ID Button to enter the search function
- On the Search screen enter a few characters from the Station ID or the Airport name or the Airport City
- See the screenshot below for an example
- Select an Airport by touching it
- Enter the Radius

To Add airports outside the radius to the Route

- On the Route Update screen touch the Add to List button
- On the Search screen enter a few characters from the Station ID or the Airport name or the Airport City
- Touch an airport to select it

To Delete airports outside the radius from the Route

- Select the airport to be deleted
 - Touch the Delete from List button
 - Confirm the delete
-

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 10,000 airports. If you would like to review the list of airports please visit the CFI Tools Airports page.

<http://www.edgemontaviation.com/cfitools/html/Airports.html>

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

Options

Display Type: Map - Translate - Raw

Select the display format. A Map, translated METARs or Raw METARs.

Map Type: Map - Satellite - Hybrid

Select the map format.

Frame Button

Tap this button to show the entire route on the map.

Refresh Button

Tap this button to show update the METARs.

Wind Speed

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

Temperature

Select either Celsius or Fahrenheit for the temperature measurement unit.

Distance

Select either Feet or Meters for the distance measurement unit.

Hours of History

Select the amount of history to show on the Raw Data page

Stations w/No METAR?

Turn this switch On to see Stations with no METAR. Turn it off to hide these stations. Turning this switch off can help de-clutter the screen.

Route WX Map Screenshots

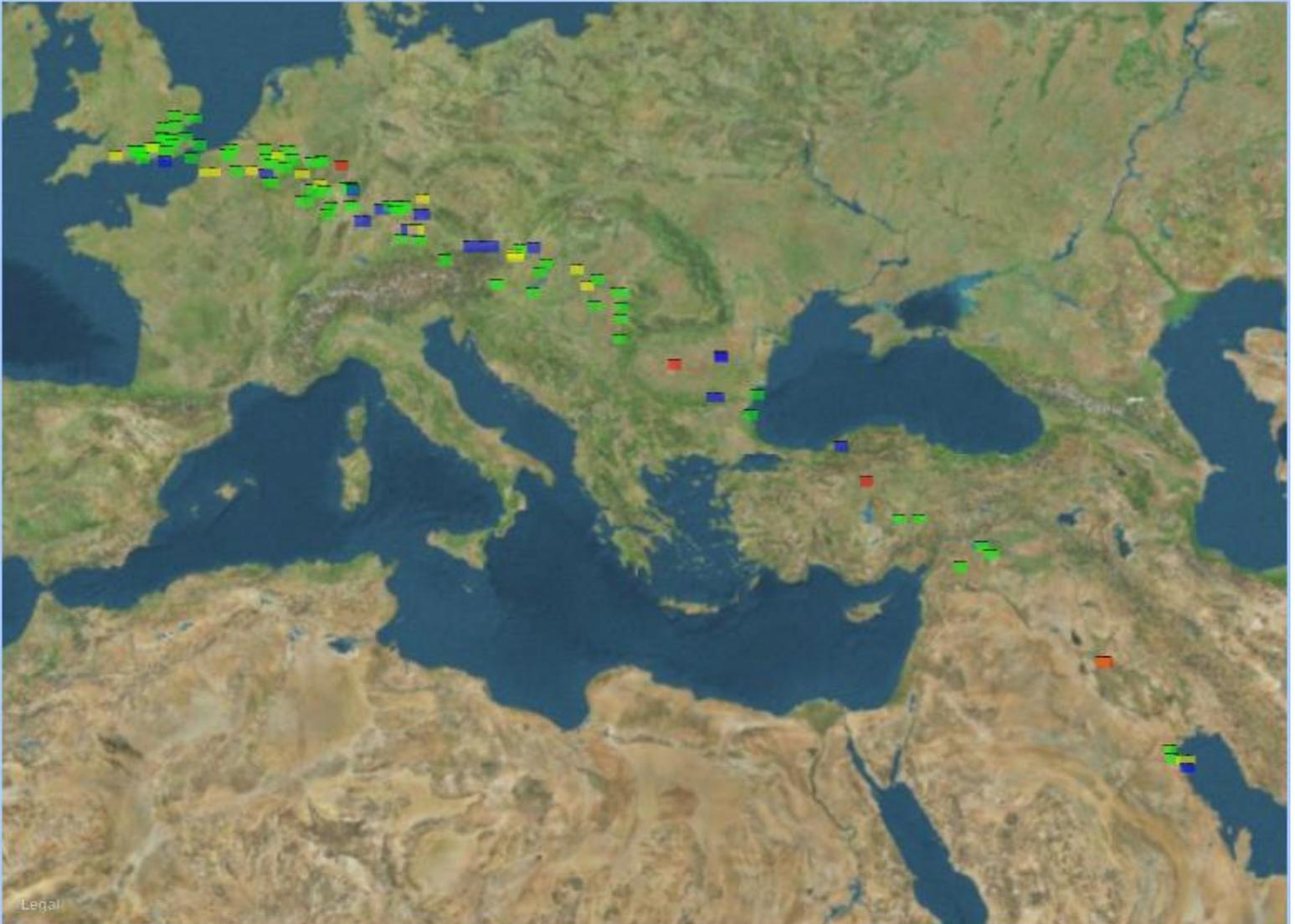
Carrier

10:44 AM

100%

Back

ROUTE WX



Routes

- KACK Nantucket Memorial**
- Portland - LAX**
 - KPDX Portland Intl**
 -
 -
 -
 -
 -
- KLAX Los Angeles Intl**
- London - Kuwait**
 - EGLL London/Heathrow**
 -
 -
 -
 -
 -
- OKBK Kuwait International**

Add Update Delete

Display Type:

Map Type:

Wind Speed:

Temperature:

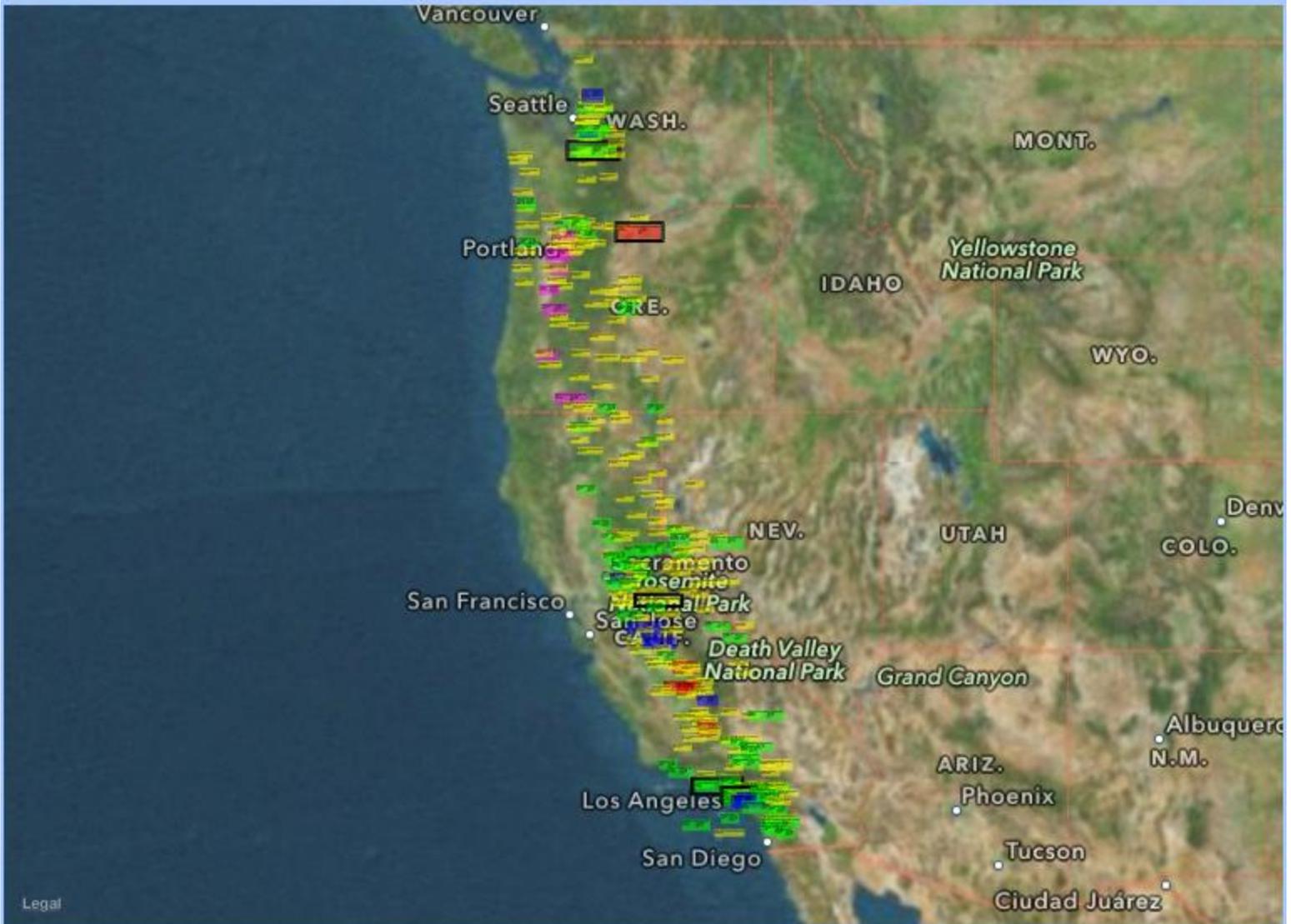
Distance:

Hours of History:

Stns w/No METAR?

Back

ROUTE WX



Routes

Portland - LAX

KPDX Portland Intl

L	L	?	?	?	V	?	?	L	V	?	?	?	?	?	L	?	?	?	?	
?	?	L	L	?	?	?	V	?	?	I	?	?	?	V	?	L	?	?	?	
?	?	?	?	?	?	?	?	?	?	L	?	V	?	V	?	?	?	?	?	
?	?	V	?	?	?	V	?	M	?	?	?	V	?	?	?	?	?	?	V	?
?	L	?	?	?	M	?	?	?	?	?	?	?	?	L	?	?	?	V	?	
V	?	V	?	?	?	?	V	?	?	?	?	?	?	V	?	?	?	?	?	
?	?	V	?	?	V	?	V	V	V	?	V	V	V	?	V	V	?	?	?	
V	?	V	?	V	?	V	?	M	?	?	M	V	?	V	?	?	?	?	?	
?	?	?	?	?	?	?	?	V	?	V	?	M	?	?	?	?	?	M	?	
?	V	M	?	?	V	V	?	?	I	?	?	?	?	I	?	?	?	I	?	
?	I	?	?	?	?	?	M	?	?	?	?	?	?	I	?	?	?	V	?	
?	?	?	V	?	V	V	?	V	V	V	?	V	V	?	V	V	?	?	?	
?	V	V	V	?	V	?	V	?	V	?	V	V	V	?	V	V	?	M	M	
?	V	V	M	V	V	?	V	V	?	V	?	V	V	V	?	V	V	V	V	

KLAX Los Angeles Intl

London - Kuwait

EGLL London/Heathrow

Add Update Delete

Display Type: Map Translate Raw

Map Type: Map Satellite Hybrid

Wind Speed: Knots MPS

Temperature: C F

Distance: Feet Meters

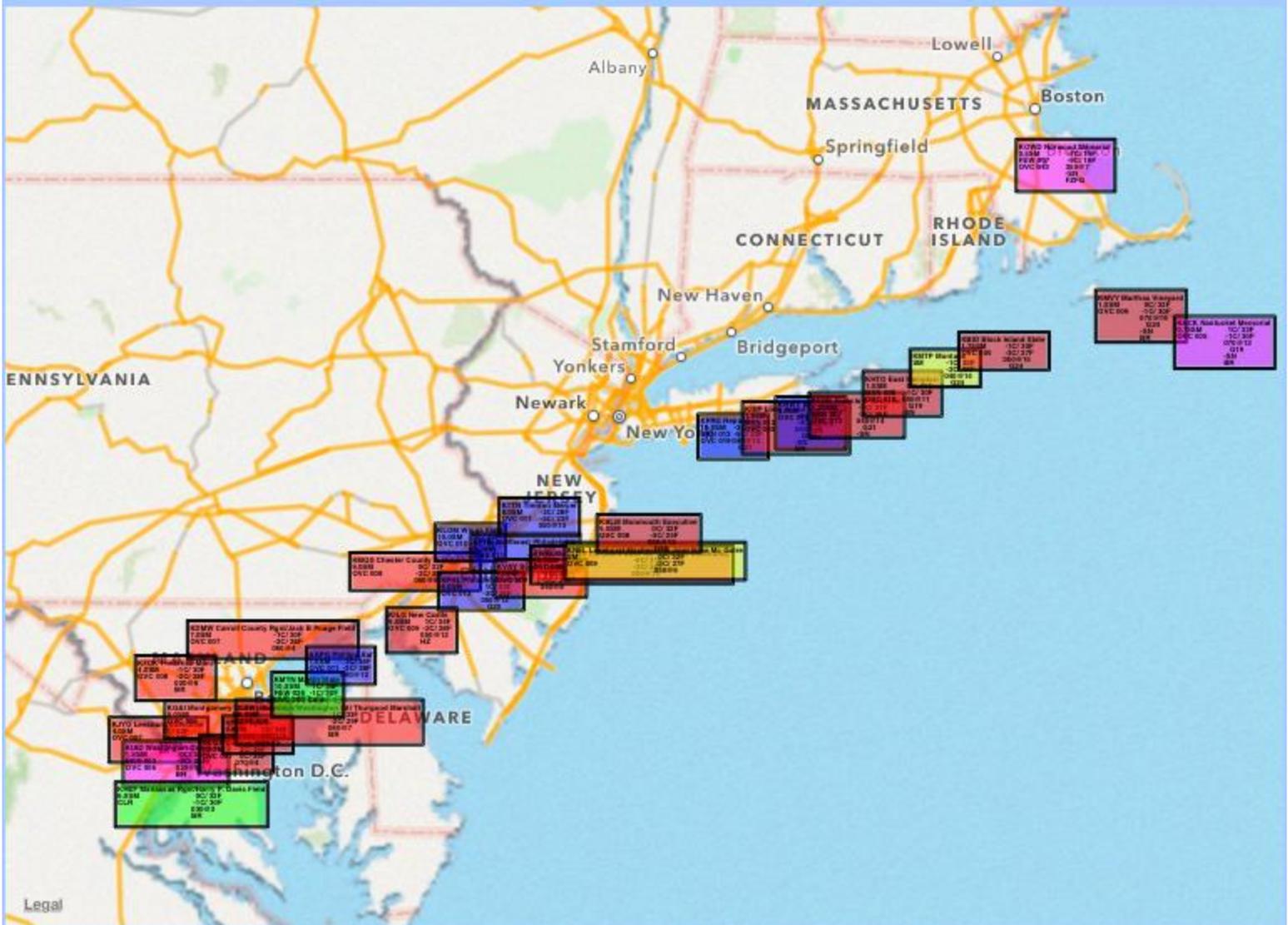
Hours of History:

0 1 2 3 4 5 6 12 18 24 36

Stns w/No METAR?

Back

ROUTE WX



Routes

Display Type:

Map Type:

Wind Speed:

Temperature:

Distance:

Hours of History:

Stns w/No METAR?

- Leesburg - Nantucket**
 - KJYO Leesburg Executive**
 L L I V I I I I I I V M I I M M M I M I ?
 I M I M I I ? I L L L L
 - KACK Nantucket Memorial**
- Portland - LAX**
 - KPDX Portland Intl**
 L L V L V L L L V I V L L ? V V V V M V
 V L M L V V V V V V V V V V V V V V V V
 V V V ? M V V V V V M M V M V V I M I I
 M I V V V V V V V V V V V V ? V V V V V V
 V V V V M M V V M V V V V V V V V V
 - KLAX Los Angeles Intl**
- London - Kuwait**
 - EGLL London/Heathrow**
 V V V V V V V V ? V M V V V V V V V V ? ?
 V V V ? V V M V V ? V V V ? V V V V ? V
 I V V V V M V M M V V V V M ? M ? V V M

Area WX Raw Data Screenshot

Carrier

10:45 AM

100%



ROUTE WX

KJYO 021535Z AUTO 03005KT 4SM BR OVC007 00/00 A2994 RMK AO2
KJYO 021515Z AUTO 02004KT 5SM BR OVC007 00/00 A2995 RMK AO2
KJYO 021455Z AUTO 03006KT 5SM BR OVC007 00/00 A2995 RMK AO2
KIAD 021525Z 02005KT 1 1/2SM BR BKN003 OVC006 00/M02 A2994 RMK AO2 SFC VIS 3
KIAD 021452Z 36005KT 4SM BR BKN007 OVC140 00/M02 A2995 RMK AO2 SLP144 T00001022 58014
KIAD 021434Z 0215/0318 35006KT 4SM BR BKN007 OVC140
FM022300 VRB03KT 3SM -RASN OVC020
FM030100 04004KT 2SM -SN OVC008
FM030300 35007KT 1SM -SN OVC008
FM030500 34014KT 1SM -SN OVC008
FM030700 33020G28KT P6SM BKN010
FM031000 32023G32KT P6SM SCT035
FM031700 33021G30KT P6SM FEW150
KGAI 021535Z AUTO 00000KT 5SM OVC006 01/M02 A2995 RMK AO1
KGAI 021515Z AUTO 04003KT 5SM OVC006 00/M02 A2996 RMK AO1
KGAI 021455Z AUTO 03003KT 4SM OVC005 M01/M02 A2997 RMK AO1 57010
KHEF 021454Z 03003KT 6SM BR CLR 00/M01
KFDK 021455Z 02006KT 4SM BR OVC008 M01/M02 A2999
KCGS 021525Z AUTO 07004KT 5SM OVC007 02/01 A2994 RMK AO2 T00200005
KCGS 021505Z AUTO 03003KT 5SM OVC007 02/01 A2996 RMK AO2 T00200007
KCGS 021445Z AUTO 03003KT 5SM OVC007 02/01 A2996 RMK AO2 T00160008
KFME 021527Z AUTO 07005KT 5SM OVC008 01/00 A2997 RMK AO1
KFME 021506Z AUTO 05004KT 5SM OVC008 00/00 A2998 RMK AO1
KFME 021445Z AUTO 04004KT 7SM SCT008 00/M01 A2999 RMK AO1
KDMW 021525Z AUTO 06004KT 7SM OVC007 M01/M02 A2992 RMK AO2
KDMW 021505Z AUTO 02003KT 7SM OVC007 M01/M03 A2994 RMK AO2
KDMW 021445Z AUTO 03003KT 7SM OVC007 M01/M03 A2995 RMK AO2
KBWI 021454Z 06007KT 6SM BR OVC008 01/M02 A2996 RMK AO2 SLP147 T00061017 56013
KBWI 021434Z 0215/0318 04006KT 6SM BR BKN008 OVC140

Routes

Display Type: Map Translate Raw

Map Type: Map Satellite Hybrid

Frame Refresh

Wind Speed: Knots MPS

Temperature: C F

Distance: Feet Meters

Hours of History:

0 1 2 3 4 5 6 12 18 24 36

Stns w/No METAR? [toggle]

Leesburg - Nantucket
KJYO Leesburg Executive
KACK Nantucket Memorial
Portland - LAX
KPDX Portland Intl
KLAX Los Angeles Intl
London - Kuwait
EGLL London/Heathrow

Add Update Delete