

## Vaisala Road Weather Navigator WID721

The screenshot shows the Vaisala Road Weather Navigator WID721 interface. The main content is a 'Station Summary' table for Vermont sites. The table has columns for Station Name, Reading Time, Status, Sfc, Air, Dew, RH, Precip, Pc Rate, Wind Dir, Wind Spd, and Vis. The status column uses color-coded icons: green for 'DRY', yellow for 'CHEM WET', and grey for 'NO REPORT'. The precipitation column uses color-coded text: green for 'NONE' and blue for 'HEAVY PRECIP'. The table lists 11 stations, including I-89 Berlin, I-89 Bolton, I-89 Bethel, Rt-4 Fairhaven, I-89 Williston, Rutland Airport, Rt-4 Mendon, I-89 Brookfield, Rt-7 Brandon, and Rt-9 Woodford.

Station Name	Reading Time	Status	Sfc	Air	Dew	RH	Precip	Pc Rate	Wind Dir	Wind Spd	Vis
I-89 Berlin (707000)	8/1/2010 16:42	DRY	16.7 °F	21.1 °F	89 °F	4 %	NONE	-	N	Calm	-
I-89 Bolton (707001)	1/29/2010 21:00	DRY	16.9 °F	6 °F	-12 °F	42 %	NONE	0 lph	MW	14 mph	1.4 mi
I-89 Bethel (707002)	1/29/2010 21:00	DRY	12.2 °F	6 °F	-15 °F	36 %	NONE	0 lph	MW	10 mph	4.7 mi
Rt-4 Fairhaven (707003)	-	-	-	-	-	-	-	-	-	-	-
I-89 Williston (707004)	1/29/2010 21:02	DRY	16 °F	4 °F	-14 °F	43 %	NONE	0 lph	N	13 mph	2.9 mi
Rutland Airport (707005)	1/29/2010 21:14	NO REPORT	-	-	-	-	-	-	N	-	-
Rt-4 Mendon (707006)	-	-	-	-	-	-	-	-	-	-	-
I-89 Brookfield (707007)	12/28/2009 23:03	CHEM WET	25.7 °F	24 °F	21 °F	89 %	HEAVY PRECIP	0 lph	MW	11 mph	1.2 mi
Rt-7 Brandon (707008)	1/29/2010 21:03	DRY	24.1 °F	10 °F	-13 °F	33 %	NONE	0 lph	N	6 mph	7.1 mi
Rt-9 Woodford (707009)	1/29/2010 21:03	DRY	16.9 °F	4 °F	-14 °F	41 %	NONE	0 lph	MW	15 mph	1753 ft

### Benefits

- User-friendly
- Provides valuable weather information for decision-making
- Monitor trouble spots/known problem areas
- Allows you to make quicker decisions
- Customized software means users will readily accept the technology
- Keeps you from getting caught off-guard

### Features

- Displays current and historical RWIS data
- Customize displays – home page, maps, units of measure, and more
- Administrative control for adding users, managing groups, editing station maps and site configurations, etc.
- Interactive map allows you to view all RWIS data at once, it updates automatically and displays sites under warning
- Easy to read tabular views – summary page displays conditions clearly with the ability to drill down to each site level
- Capable of displaying traffic data from in-pavement or roadside sensors and/or air quality data
- Capable of displaying live streaming video images
- Alarm/alert notification for user-defined weather parameters
- Reacts quickly to data requests or camera images (pages download quickly)

### Overview

Vaisala Road Weather Navigator WID721 is a unique user interface designed to give RWIS (Road/Runway Weather Information System) users more control over how their data is viewed, which allows for quick analysis and decision-making during weather events. RWIS collects vital information from pavement, weather and traffic sensors, and viewing your RWIS data is just as important as the system collecting it. With Vaisala Navigator RWIS data is displayed in a simple, user-friendly manner, which makes it easy to learn and navigate. Navigator provides an unparalleled level of user customization, allowing

you to personalize map views, data sets, user groups, etc. and create warning notifications based on your pre-defined parameters.

Viewing RWIS data quickly and easily enables maintenance and operations personnel to monitor changing weather conditions in real time and make informed and timely decisions. Two options are available for Vaisala Navigator. A hosted version where Vaisala gathers data from the RWIS sites directly and users can access anywhere they have internet access. A second version the customer hosts the data and manages the data collection equipment.

# Technical Data

## **Vaisala Road Weather Navigator**

### CUSTOMER MANAGED SOLUTION:

Used with a customer-owned server where administrative functions are managed by the customer (upgrades, security, communication, etc.)

Reliable software capable of handling large amounts of data (ideal for large RWIS networks with one or more servers)

Larger storage capacity for historical data (length of data storage depends on number of site and interval of data collection)

### VAISALA HOSTED SOLUTION:

Hosted server option where Vaisala hosts your RWIS data

A hosted server saves cost and eliminates issues with network system administration about security, firewall limitations, or other IT concerns

Data is viewed using a password protected web site and can be viewed from work or home

Ability to participate in a data sharing network with other agencies using RWIS online Navigator

Communication costs can be included as an option

Regular system status reports prepared by the Vaisala Service Team

## **Applications**

- Departments of Transportation or agencies with large RWIS networks
- City/County street departments with just a few RWIS sites
- Airports
- Agencies or airports requiring a web-hosted data solution



For more information, visit [www.vaisala.com](http://www.vaisala.com) or contact us at [sales@vaisala.com](mailto:sales@vaisala.com)

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