



**TruWeather**  
SOLUTIONS

## Features

### SENSORS

Low cost weather sensors deployed in partnership with VDOT will allow for instantaneous information on local conditions of roads and bridges in near real-time to anticipate and react locally to changing weather.

### LOCALIZE WEATHER PREDICTIONS

Enhanced sensing will improve road weather knowledge and predictions creating highly tailored, precise and accurate route planning and highly precise alerts which will reduce risk to truck drivers, increase fleet productivity and create safer roads for both commercial and public use.

### ALERTING DOWN TO THE MILE

The combination of sensors and improved models will allow for accurate real-time alerting down to the mile on Interstate 81 from Front Royal to Christiansburg, Virginia. The goal is to inform you **10 miles** prior to approaching any road hazard.

### INCENTIVES

For participating in the pilot program, every user who fills out a survey will be entered into a drawing for a chance to win 1 of 3 Amazon gift cards up to \$250 that will be awarded at the end of the season.

**NOTE:** This is a Beta Test that is deploying a limited number of mobile sensors on I-81. During this period, there will be areas with limited sensor coverage where mile to mile accuracy may not occur. Following the Beta Test, TruWeather plans to increase mobile sensing to improve the precision of the Go-to-Market product.

### Would you or your fleet like to carry a sensor in the future?

Available on both iOS and Android Devices beginning Dec 11<sup>th</sup>, with services set to begin Dec 15<sup>th</sup>!!! To pre-register sign up today at:

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# I-81 Real-time Weather Alerts (Beta Test) Exclusively from TruWeather Solutions for Winter 2018

## Introducing TruWeather RoadPulse Beta Test

The screenshot shows the 'Road Weather Hazards' screen. At the top, there are tabs for 'By time' and 'By distance'. Below, it shows 'Active (0)' hazards with a 'Collaps' button. A message states 'No active hazards'. Under 'Expired', there are four 'Moderate Hazard' alerts, each with a distance to the hazard (e.g., 3840.37 Mi) and a start time (e.g., 'Begins: May 2, 2017 at 01:20:07 PM CET'). To the right is a map of the I-81 corridor from South Deerfield to Amherst, with a red shaded area indicating a 'Moderate Hazard' zone.

*Accurate Alerting down to the mile based on your pre-set thresholds*

The left screenshot shows the 'Preferences' screen with settings for: Moderate Hazard (in meters) at 700, Severe Hazard (in meters) at 400, Road Temperature (in °F) at 10, and Black Ice. The right screenshot shows the 'Road Temperature (in °F)' screen with a vertical scale from -5 to 25, and a current reading of 10.

Your Preferences

Road Temperature

*Customize alerts based on your preferences*

## The TruWeather Difference

TruWeather Solutions strives to capture unexpected and rapidly changing events that impact workers and public safety using unique data--mobile sensors, camera analytics, etc.

Anticipate impacts with greater confidence, improved ops safety and productivity with additional granular road weather forecasts and measurements.

All weather is local—there is a lot of available information on the internet, TV and NWS for a major winter storm—but what about impacts to where you and your workers are at?