

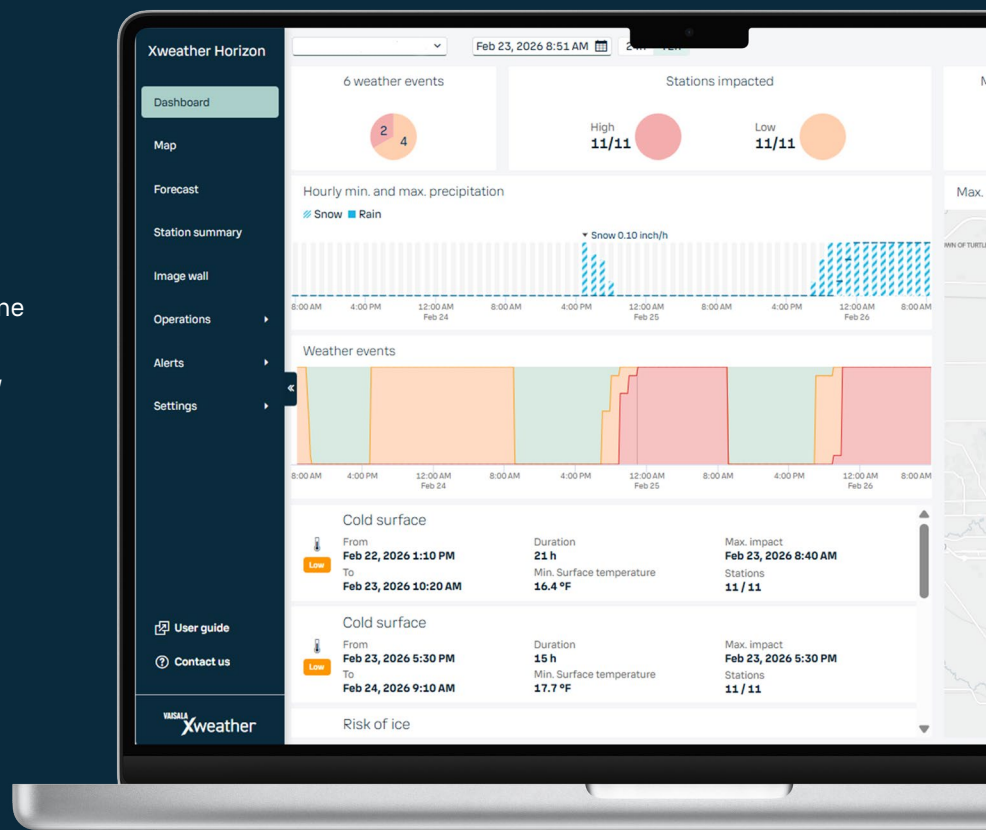
Vaisala Road Weather On-Demand

VAISALA

Product Spotlight

Local road weather intelligence as-a-service

Vaisala Road Weather On-Demand is a subscription service providing actionable road weather insights from local RWIS stations. Your operations teams access real-time observations, enhanced forecasts, camera images and alerts via one cloud platform. Vaisala handles all RWIS station responsibilities - from installation, monitoring, and maintenance - while you subscribe to the road weather data you need to make confident decisions.



Key benefits

- Complete road weather intelligence through one cloud platform: real-time RWIS
- observations that continuously enhance your 72-hour road-condition forecasts, camera images and configurable alerts
- Vaisala handles all RWIS station responsibilities: ownership, installation, monitoring, maintenance, and end-of-life replacements
- Predictable costs that eliminate capital expenditure and simplify budgeting
- Precise insights for targeted treatment plans, optimized crew deployment, and safer winter roads
- Confident decisions backed by continuous data quality assurance from Vaisala experts

Why Vaisala?

Vaisala's weather and environmental technologies take every measure for unrivaled road network awareness – keeping roadways safe and efficient in any season.

Our instruments and intelligence are built on over 90 years of expertise, and are known as the gold standard for precision and reliability. We understand how accurate data and insights do even more by driving sustainable road operations and climate action. Our holistic approach provides customers with end-to-end simplicity, valuable partnership, and a comprehensive portfolio that is constantly evolving.

As recognized experts in transportation, we continue to channel our curiosity into innovative ways of making roadways safer and more efficient than ever.

RWIS subscription service eliminates capital expenditure and maintenance responsibilities

Many agencies need reliable road weather data but lack the resources to deploy and maintain RWIS networks. Cities and counties struggle with limited budgets and staff, while state agencies may face aging infrastructure that is costly and unreliable. Road Weather On-Demand solves this challenge by delivering reference-grade road weather intelligence through a subscription service that eliminates capital expenditure and maintenance responsibilities. Vaisala takes care of installation, continuous monitoring, and maintenance of the RWIS stations.

Continuous observations, enhanced forecasts, and expert monitoring

Your team receives everything needed for confident winter maintenance decisions through one cloudbased platform: Xweather Horizon. The local RWIS stations deliver real-time observations including surface and subsurface temperatures, surface condition and grip, air temperature, humidity, wind, visibility, and precipitation. These observations continuously enhance the 72-hour road-condition forecasts specific to your network, providing unprecedented accuracy for treatment planning. Camera images and configurable alerts complete the picture, giving you full situational awareness for your roads.

