



# ClearPath Weather

Providing actionable pavement information for maintenance response

## Pinpoint | Maintain | Improve | Optimize

ClearPath Weather® is a Maintenance Decision Support System (MDSS) for decision-makers; an easy-to-use display for effectively managing winter road issues before, during, and after weather events. With a single click, maintenance managers can view real-time information like looping radar and satellite imagery or site-specific weather and pavement conditions.

### Each forecast contains:

- Ideal maintenance actions based on current and forecasted weather conditions
- An intuitive graphical interface for displaying your information
- A specialized pavement forecast generated by DTN Highway Condition Analysis and Prediction System (HiCAPS™) pavement weather forecasting model.

## Efficiently manage snow and ice control operations

For efficient use of manpower and resources, knowing when and where to plow or apply treatment chemicals requires timely and accurate information.

## Your return on Investment

- Optimize winter management operations
- Improve snow event readiness for staff, equipment, and material
- Reduce staffing, fuel, and chemical costs
- Pinpoint treatment application
- Improve road and public safety
- Maintain the flow of commerce

"There are two basic rules of life: change is inevitable and everybody resists change. There will always be resistance. With the use of this technology, we can be more sophisticated in the information we supply and in the end, maybe increase savings."

~ Tony McClellan,  
Deputy Commissioner  
Seymour District

## ClearPath Weather customers

### State Department of Transportation

- Arkansas DOT
- Colorado DOT
- Indiana DOT
- Kentucky Transportation Cabinet
- Maryland State Highway Administration
- Michigan DOT
- Minnesota DOT
- Missouri DOT
- Nebraska DOT
- New Hampshire DOT
- New Jersey Turnpike Authority
- New York DOT-Region 10
- North Dakota DOT
- Richmond Metropolitan Transportation Authority
- South Dakota DOT
- Virginia DOT
- Wisconsin DOT
- Wyoming DOT

### U.S. Municipalities

- 15 Minnesota Counties
- City of Bloomington, MN
- City of Colorado Springs, CO
- City of Dedham, MA
- City of Ft. Collins, CO
- City of Grand Forks, ND
- City of Greenville, SC
- City of Kenosha, WI
- City of Lincoln, NE
- City of Merrill, WI
- City of Minnetonka, MN
- City of Osage Beach, MO
- City of Pewaukee, WI
- City of Pierre, SD
- City of Ramsey, MN
- City of St. Louis Park, MN
- City of St. Paul, MN
- City of Virginia Beach, VA
- City of Wausau, WI
- City of West Des Moines, IA
- Town of Lexington, MA

Each ClearPath Weather forecast provides hourly current and forecasted site-specific road and weather conditions. Here are some of the reporting features you can expect to see:

- Pavement/bridge temperature, condition, frost risk (%)
- Route-specific treatment recommendations
- Precipitation type, rate, and accumulations

Each forecast is created with a detailed 48-hour outlook, with regularly scheduled updates every hour. Weather conditions can change rapidly and DTN professional road weather meteorologists update the forecast to keep decision-makers informed with the latest weather information.

### Other benefits include:

- Route-by-route and site-by-site visual indication of weather and road conditions
- RWIS data integration
- New and improved graphical interface
- 10 Day forecasts
- Access to our new MDSS mobile app

**Looking for something more specific? Let us know and we can customize a solution for your agency.**

## Ask about additional features within ClearPath Weather:

### 24/7 number to speak to a Meteorologist

- Call anytime for questions and detailed forecast information
- Set up conference calls for briefings on impending storms

### METAAlerts

In addition to site-specific forecasts, ClearPath Weather empowers users with customizable email or text message alerts for:

- Observed and forecasted weather and pavement conditions
- National Weather Service (NWS) watches, warnings, and advisories

### MDC/AVL Integration

- Truck locations, observations, and images
- Automatic maintenance action integration improves future recommendations

### Lightning Alerts

- Real-time alerts of lightning strikes in the vicinity of a specified location
- Map overlay of lightning strikes over the past two hours.