WeatherSentry Pavement Forecast
Transportation Edition -
Tactical Weather Support

*DTN/Meteorlogix business-grade weather system designed specifically for your snow removal, anti-icing and road maintenance operations*
WeatherSentry Transportation Edition

A affordable tool for tactical weather support.

- **RoadCast Pavement Forecasting** gives you bridge deck & roadway frost/black ice and pavement temperature forecasts, necessary for anti-icing programs.

- **Exclusive Local Forecasts** give hourly view of expected weather allowing for smarter decisions.

- **Patented PrecipTimer** gives you start and stop times of impending snow storms for improved crew scheduling.

- **SnowPath™** animates forecasted snowfall amounts to help you visualize how the snow event is likely to impact your area.
Recommendation for Light Snow Storm (20°F to 32°F, remaining in range) *(read-only)*

<table>
<thead>
<tr>
<th>Initial Pavement Surface Conditions</th>
<th>Initial Operations</th>
<th>Subsequent Operations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Maintenance Action</td>
<td>Dry Chemical Spread Rate kg/lane-km (lb/lane-mi)</td>
</tr>
<tr>
<td></td>
<td>Liquid</td>
<td>Solid or prewetted solid</td>
</tr>
<tr>
<td>Dry</td>
<td>Apply liquid or prewetted solid chemical</td>
<td>28 (100)</td>
</tr>
<tr>
<td>Wet, slush, or light snow cover</td>
<td>Apply liquid or solid chemical</td>
<td>28 (100)</td>
</tr>
</tbody>
</table>

**Comments**

1. Applications will need to be more frequent at lower temperatures and higher snowfall rates.
2. It is not advisable to apply a liquid chemical at the indicated spread rate when the pavement...
OR ENTER YOUR OWN TREATMENT RECOMMENDATIONS

Treatment Plans

Click the New button to create a new treatment plan. You may change the current plan by editing the plan name, or editing the treatment recommendation by clicking View/Edit link. The FHWA plan is not editable. You may have up to 10 plans.

**Recommendation for Light Snow Storm (20°F to 32°F, remaining in range)**

Apply liquid anti-icer or prewetted salt at 30 GPM or 100 lbs/per lane mile. For subsequent operations plow as needed and reapply liquid or pre-wetted salt at 100 GPM or 100 lbs/per lane mile.

Applications will need to be more frequent at lower temps and higher snow rates. Do not apply liquid anti-icer at the indicated spread rate when the pavement temp drops below 23 degrees. Do not apply liquid anti-icer onto heavy snow accumulation or packed snow.
Road Treatment Planning

Tools to help you with your anti-icing or de-icing timing and chemical treatment decisions

WeatherSentry Transportation Edition Solution:

- RoadCast **pavement temperature** forecasting for roadways & bridge decks & **frost** likelihoods
- Detailed, accurate hourly forecasts including snow type: wet/dry/moderate
- Real-time, accurate radar showing snow, ice or mix
- MDSS treatment recommendations for each snow event
- Alerts to your cell phone or mobile device
WeatherSentry
Snow and Ice Information

SnowPath snowstorm prediction maps provide accurate information.

SnowPath Forecast Accumulation
Ending Friday, Dec. 24, 2004 - 06:00PM CST

[Map showing snow accumulation in different regions]
NEW WINTER WEATHER FEATURES
Coming this Fall…

• Interact with our meteorologists in a public forum
• Meteorologist-generated forecast overview
  • Winter road maintenance weather
  • For your region of the country

• New summary view of local forecast
  • One page
  • Quick, convenient
Snow likely continuing through mid-day tomorrow with accumulations of 2-3". Overnight winds gusting to 25mph. Today’s high: 40  Tonight’s low: 32
Snow likely continuing through mid-day tomorrow with accumulations of 2-3". Overnight winds gusting to 25mph. Today’s high: 40  Tonight’s low: 32
Jim.Block@dtc.com

Jim Block
Certified Consulting Meteorologist
Chief Meteorologist
(612) 419-5413