

The value of WxDE...

- Over 23% of vehicle crashes are weather-related – a total of over 1.3 million annually
- Weather incidents cause ~6,250 deaths and over 480,000 injuries each year
- Trucking companies lose ~ 32.6 billion(B) vehicle hours due to weather-related congestion at a cost of ~\$ 2.2B - \$3.5B annually

Improvements in advanced road-weather information may address some of the serious problems.



What does the WxDE do?

- Provides timely and accurate road weather data for traveler information and for enhancing road maintenance activities
- Integrated, real-time weather condition data aggregated from fixed sources and connected vehicles
 - 49 state, local and institutional contributors
 - Vehicle Data Translation (VDT) is included
- Quality controlled and assured
- Real-time on-line and by subscription for current operations
- Archived data download for research
 - Predictive forecasts for roadway conditions (*coming soon*)

<https://www.its-wxde.net>



What can the WxDE do for me?

- Evaluate disparate trouble-zones to supply drivers with point-specific weather advisories
- Redirect traffic real-time to avoid hazardous conditions
- Optimize and route maintenance and storm crews to priority corridors and zones
- Predictive information can help agencies prepare and “staff up” before conditions worsen



What are we missing?

- What can we do to make the WxDE a useful tool to you/your agency?
- Concerned that we may be perpetuating some of the shortcomings of *Clarus* or, that perhaps we are not living-up to its legacy? What are the specific issues?



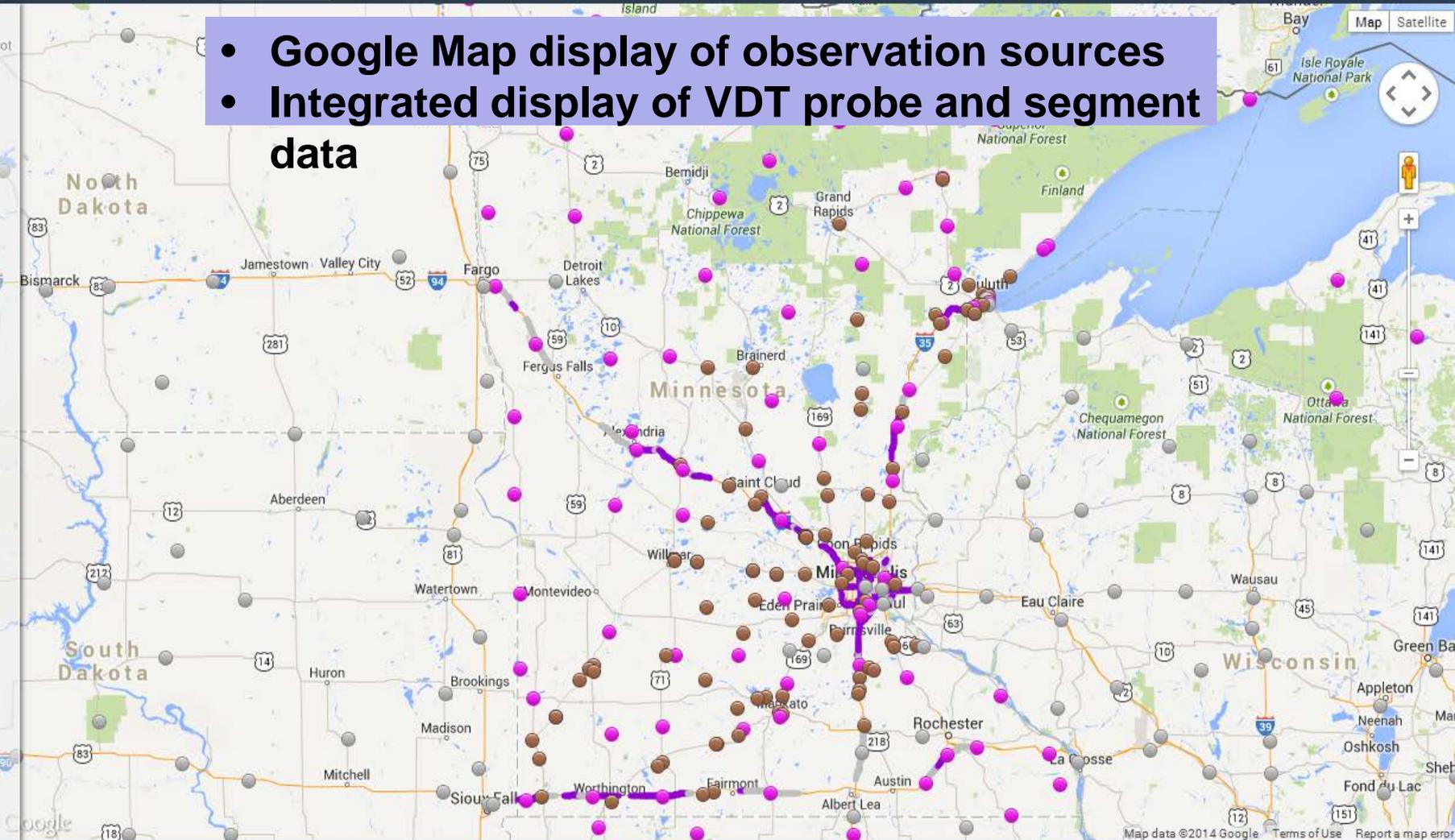
(Re-center map on ...)

InfoWindow Shade

Platform Code:

Lat, Lon: 47.137425, -89.846191

• Google Map display of observation sources
• Integrated display of VDT probe and segment data



(Select Data to Show)

- Metric
- English
- Road Segments
- VDT Mobile
- WxDE Mobile
- Non-Mobile

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