How Minnesota is Innovating 511

Next-Gen Enhancements to Traveler Information

2015 National Rural ITS Conference
Increasing accuracy, reliability, and identifying outdated reports
winter reporting tools: Mobile App for real-time field reporting
<table>
<thead>
<tr>
<th>Condition</th>
<th>Weather</th>
<th>Condition</th>
<th>Weather</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal</td>
<td>Frost</td>
<td>Wet</td>
<td></td>
</tr>
<tr>
<td>Partially Covered</td>
<td>Ice</td>
<td>Drifting snow</td>
<td></td>
</tr>
<tr>
<td>Completely Covered</td>
<td>Snow</td>
<td>Blowing snow</td>
<td></td>
</tr>
<tr>
<td>Travel Not Advised</td>
<td>Slush</td>
<td>White out</td>
<td></td>
</tr>
<tr>
<td>Closed</td>
<td>Mixed</td>
<td>Slippery</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Black ice</td>
<td></td>
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</tbody>
</table>
public reporting: winter conditions
Side by side verification

DOT: road is “partially covered”
Citizen: road is “completely covered”
open comments & feedback on citizen reports


Between Exit 256B: MN 194; 5th Avenue West and the end of I-35 (near Duluth). A driver reported snow on the roadway. It was snowing.

Posted by Gray Day Today at 6:09 PM

Gray Day: Be prepared for high winds.

Tell us more

Cancel  Done
National Weather Service (NWS): automated alerts by area - county or zone
mapped to roadway sections for 511
US 12: Road closed.

Between Kandi-Meeker Road (Atwater) and MN 22 (near Litchfield). The road is closed. A detour is in operation. There is a width limit in effect. See map for detour(s). Until September 21.

Comment: Width limit of 11 ft. Detour: Hwy 12 east to Kandiyohi County Road 2, north to Kandiyohi County Road 28, east on Kandiyohi County Road 28/Meeker County Road 16 to Hwy 22, south to Hwy 12.

Last updated 07/16/2015 by MnDOT

I have something to say about this report
- The report is right (I saw it.)
- I think the report is wrong.

See what other travelers have said
7 travelers confirmed it
1 traveler said it wasn't there
Visual map cues and dynamic priority updates for high-impact events
delay time verification via Google-based Travel Times queries

CURRENT DELAYS ON I-35W southbound: Left lane closed.

Google shows a 5 minute delay northbound, and a 7 minute delay southbound. Between Exit 16A: I-94 and Exit 15: Lake Street (near Minneapolis). The left lane is closed.

Last updated Today at 6:01 PM by MnDOT

I have something to say about this report
Drive time for a route:
“53 mins, including 7 mins of traffic delay”
Logged internal analytics for reported delays

Crash
I-494 westbound at Exit 7: MN 100; Normandale Boulevard (near Edina). Look out for an accident.

CARS-Delay Event Analytics
Current Westbound Delay: 13 minutes
Current Eastbound Delay: 3 minutes
# of Checks: 2
# of Delays: 2
Delay rate: 100.0%

Internal Comment: MSP CAD Event Details:
UTM Coords: X 47233203, Y 496734025.
County: Hennepin - A27.

Location: XSTREET1: WB 494 I TO SB 100 . XSTREET2: SB 100 HWY TO WB 494 .

Type Code: 1052 (PERSONAL INJURY CRASH).
Last updated today at 5:32PM by MSP
Thank you!

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