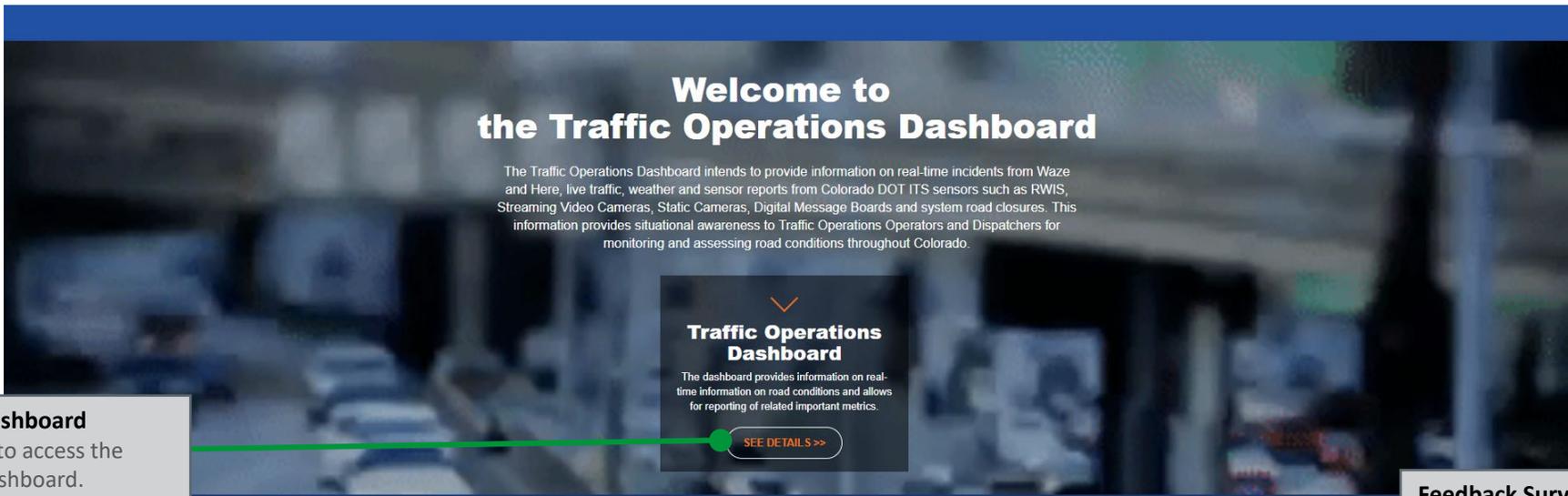


Traffic Operations Dashboard

Quick Start Guide

The Traffic Operations Dashboard incorporates several live data sources that provide a quick, intuitive method of viewing and interacting with traffic and weather information. Are you new to the dashboard? Use this guide to learn the basics.



Welcome to the Traffic Operations Dashboard

The Traffic Operations Dashboard intends to provide information on real-time incidents from Waze and Here, live traffic, weather and sensor reports from Colorado DOT ITS sensors such as RWIS, Streaming Video Cameras, Static Cameras, Digital Message Boards and system road closures. This information provides situational awareness to Traffic Operations Operators and Dispatchers for monitoring and assessing road conditions throughout Colorado.

Traffic Operations Dashboard

The dashboard provides information on real-time information on road conditions and allows for reporting of related important metrics.

[SEE DETAILS >>](#)

View the Dashboard
Use this link to access the Overview Dashboard.

Tutorial Video
Watch a short video to learn how to use the Traffic Operations Dashboard.

Quick Start Guides
Use the two Guides to learn how to use the dashboards.

New to the Traffic Operations Dashboard?
Watch the Tutorial Video or read the Quick Start Guide to learn more.

- > Tutorial Video
- > Quick Start Guide

Questions & Feedback?
Explore the help documentation and share your thoughts.

- > Feedback Survey
- > Help Documentation

Feedback Survey
Provide your feedback or ask questions using the Feedback Survey.

Help Documentation
Access the Help Documentation for more detailed information and workflow examples.

 **COLORADO**
Department of Transportation



Traffic Operations Dashboard



COLORADO
Department of
Transportation

List Elements
Data from maps are listed here. These lists update as the map is panned. Use the tabs to switch between the different lists.

Map
The default map when initially loaded is 'Traffic'. Use the tab on the bottom to switch to 'Weather'.

Map Tools
Search for a location, select a bookmarked location, view the legend, turn layers on/off, change the basemap.

Time Filter
Use the time filter to set the recency of Waze alerts.

Graph / Chart Elements
Use the tabs on the bottom of the charts to navigate between the charts. The data in the maps drive the charts.

Video Player
The video player plays streaming cameras when selected from the list above it.

The dashboard displays a central map of Colorado with various traffic alerts overlaid. On the left, a 'Latest Waze Alerts' list shows several 'Hazard' alerts for road construction and car stopped, and one 'Accident' alert on I-70 E. Below the alerts is a 'Waze Alert Counts (Last Hour)' line graph showing a peak in alert counts around 10:30 AM. On the right, a 'Streaming Traffic Cameras' list shows 10 camera feeds with their respective locations and stream IDs. The dashboard includes navigation tabs for 'Alerts', 'Incidents', 'Delays', 'Wx Watches', and 'Wx Warnings' at the bottom left, and 'Traffic' and 'Weather' at the bottom center. A 'Waze data within the last:' filter is set to 10 minutes at the top right.

Traffic Operations Dashboard



Latest Waze Alerts

- Hazard** | SH-470 S (Toll)
Hazard on shoulder car stopped
3/20/2019, 3:02 PM
- Hazard** | SH-119
Hazard on shoulder car stopped
3/20/2019, 3:02 PM
- Hazard** | Peña Blvd
Hazard on shoulder car stopped
3/20/2019, 3:02 PM
- Hazard** | S Gun Club Rd
Hazard on road construction
3/20/2019, 3:01 PM
- Road closed** | Wilcox St
Road closed event
3/20/2019, 3:01 PM
- Hazard** | to I-25 N / Ft Collins
Hazard on shoulder car stopped
3/20/2019, 3:01 PM
- Hazard** | I-25 N

Alerts Incidents Delays Wx Watches Wx Warnings

Latest Waze Alerts
Click on an alert in the list to zoom to it. Alerts are sorted by most recent and filtered by the traffic map's extent.

HERE Traffic Incidents

- CONSTRUCTION**
Closed between Huron St and Washington St - Closed due to roadwork.
3/20/2019, 8:59:37 AM - 3/20/2019, 1:58:45 PM
- ROAD_CLOSURE**
Closed between US-285 and Empire - Closed. seasonal closure
3/20/2019, 8:59:37 AM - 3/20/2019, 1:58:45 PM
- ROAD_CLOSURE**
Closed approaching Idaho Springs - Closed. winter closure.
3/20/2019, 8:59:37 AM - 3/20/2019, 1:58:45 PM
- CONSTRUCTION**
Closed between 127th Ave and 128th Ave - Closed due to roadwork.
3/20/2019, 8:36:22 AM - 3/20/2019, 1:34:08 PM

Last update: a few seconds ago

Alerts Incidents Delays Wx Watches Wx Warnings

HERE Traffic Incidents
Click on an incident to zoom to it. Incidents are reported through HERE, are listed by most recent and filtered by the traffic map's extent.

Top Waze Delays

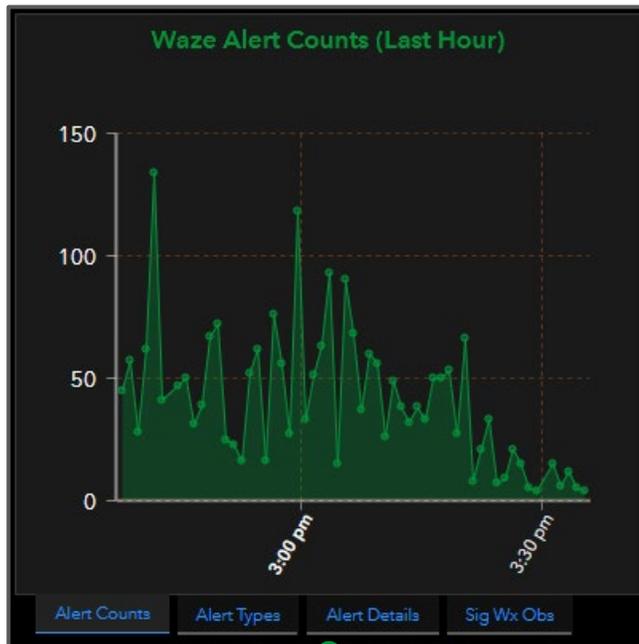
- 5 minute delay on E Colfax Ave
- 5 minute delay on E Colfax Ave
- 5 minute delay on E Colfax Ave
- 4 minute delay on Stonefeld Pl
- 3 minute delay on W 6th Ave
- 3 minute delay on Buffalo Park Rd
- 3 minute delay on McKay Rd
- 3 minute delay on W 6th Ave

Last update: a few seconds ago

Alerts Incidents Delays Wx Watches Wx Warnings

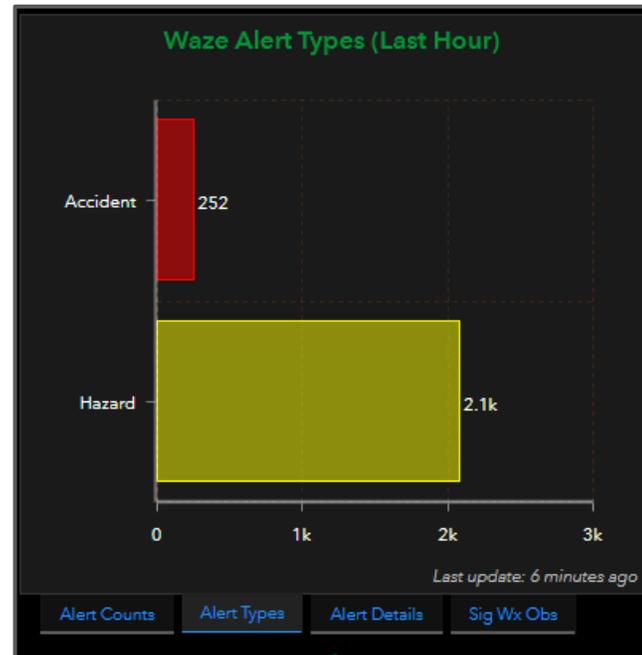
Top Waze Alerts
Click on a delay to zoom to it. These delays are reported through Waze, are listed by longest delay and are filtered by the traffic map's extent.

Traffic Operations Dashboard



Waze Alert Counts (Last Hour)

The graph shows the trend of the number of Waze alerts over the past hour. Hover over a point in the graph to see the time and exact number of reports.



Waze Alert Types (Last Hour)

The bar graphs in this window break down 'Waze Alert Counts (Last Hour)' by quantifying the types of alerts.



Waze Alert Details (Last Hour)

The bar graphs further break down the 'Waze Alert Types (Last Hour)' by quantifying the Waze alert subtypes.

Traffic Operations Dashboard



Colorado Current Weather Watches

No Current Weather Watches in the State of Colorado

Last update: 2 minutes ago

[Alerts](#) [Incidents](#) [Delays](#) [Wx Watches](#) [Wx Warnings](#)

Colorado Current Weather Watches
This window will list any Nation Weather Service issued weather warnings for anywhere within the State of Colorado

Current Colorado Weather Warnings / Advisories

No Current Weather Warnings in the State of Colorado

Last update: 2 minutes ago

[Alerts](#) [Incidents](#) [Delays](#) [Wx Watches](#) [Wx Warnings](#)

Colorado Current Weather Warnings
This window will list any National Weather Service issued weather warnings for anywhere within the State of Colorado

Significant Weather Observations

US-40 @ GRAND LAKES (RWIS) - US 34 (MM 14.75)	
T / Td / RH	41°F / 13°F / 31%
Wind / Visibility	S 6 mph - Clear
Precip Type / Intensity	None / None
Road Condition	Snow Warning
Road Surface Temp	66.9°F
Friction Number	0.09
Collection Time	3/20/2019, 4:16 PM

082E028 SNOWMASS CANYON (RWIS) - CO 82 (MM 28)	
T / Td / RH	47°F / 6°F / 18%
Wind / Visibility	N 4 mph - Clear
Precip Type / Intensity	None / None
Road Condition	Wet
Road Surface Temp	87.6°F
Friction Number	
Collection Time	3/20/2019, 4:15 PM

[Alert Counts](#) [Alert Types](#) [Alert Details](#) [Sig Wx Obs](#)

Significant Weather Observations
This window will list any observations from CDOT's weather stations that may show inclement road conditions. These observations include high winds, wet/icy/snowy roads, freezing road temperatures, and coefficients of friction less than 0.40.

Traffic Operations Dashboard

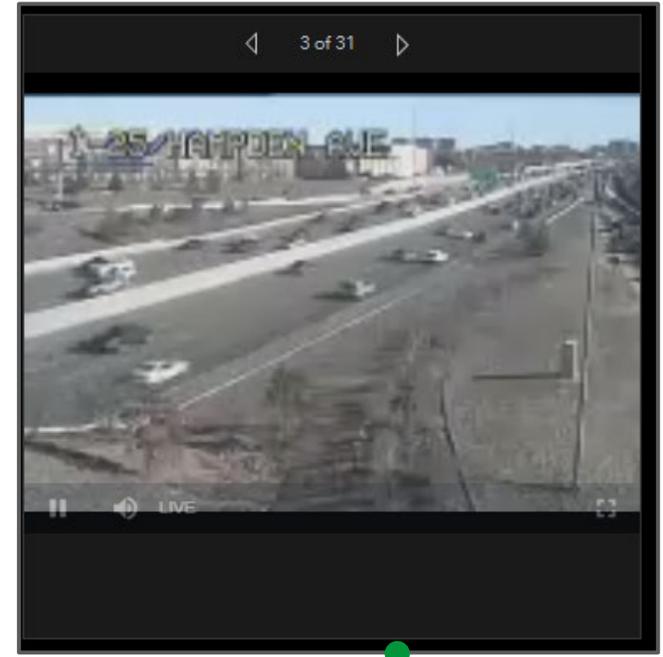
Streaming Traffic Cameras

- 10155 | I-225 @ Parker Rd (Stream)
- 10165 | US-6 284.35 EB @ I-25 (Stream)
- 10263 | I-70 228.05 : 0.1 mi E of 15th St (Stream)
- 10269 | I-70 246.50 @ Beaver Brook W Int (Stream)
- 10273 | I-70 250.80 @ El Rancho Int (Stream)
- 10274 | I-70 282.50 @ I-225 (Stream)
- 10277 | I-70 253.55 @ Genesee Park Int (Stream)
- 10282 | I-70 225.55 : 0.2 mi W of Silver Plume Int (Stream)
- 10284 | I-70 265.75 @ Ward Rd (Stream)

Streaming Traffic Cameras
Click on a camera in the list to play in the video player and to zoom to its location. Panning the traffic map will also filter the cameras in this list.



1 of 25



3 of 31

LIVE

Streaming Traffic Camera Player
Streaming cameras selected on in the 'Streaming Traffic Cameras' list element will automatically play in this imbedded video player.