

Using the Traffic Count Database System in MS2

Introduction

The Traffic Count Database System (TCDS) is an online platform that provides access to traffic count information collected statewide. It allows users to explore and retrieve data from monitoring sites across the state using both map-based tools and search fields. This document provides step-by-step instructions for locating a traffic site on the interactive map, identifying its Location ID, and accessing the available traffic data panels.

Additional help is available by clicking the Help icon, which is located at the top right of the webpage or visiting the website at <http://help.ms2soft.com/>.

Note that screenshot images are included throughout the document, each with descriptive alt text, to ensure the instructions remain accessible and usable for all audiences.

Tools

Browser Usage: If you are using Internet Explorer 8:

- Click Tools.
- Click Compatibility View Settings.
- Check the box that says Display all Websites in Compatibility View, to access the TCDS Site.

1. Retrieving the Traffic Data

Overview

Use the steps below to retrieve traffic data from the TCDS interface.

Step 1 — Open TCDS

- Log into your MS2 account: [MS2 Portal](#)
- Navigate to TCDS

The screenshot shows the Montana Traffic Count (TCDS) interface. The top navigation bar includes 'Home', 'Locate', 'Locate All', 'Email This', 'Backup', and 'Auto-Locate'. The search panel on the left has the following fields:

- County: Input County
- Community: Input Community
- Located On: Input Located On
- Location ID: Input Location ID
- Count Year: Select Year
- Saved Searches: Please Choose

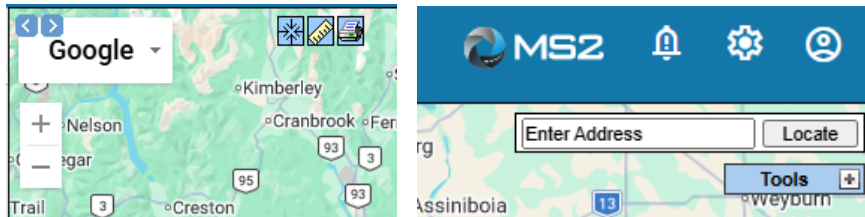
The 'Station Data' panel at the bottom left contains the following table:

Station Type	Continuous	Short	WIM	Percent of Data by Type		
Total	169	7,348	42	AADT		
AADT	167	7,320	40	Volume		
Volume	167	7,245	40	Class		
Class	136	2,378	40	Speed		
Speed	123	1,846	40	Gap		
Gap	10	170	0	WIM		
WIM	43	3	40			

Step 2 — Locate the Traffic Count Site

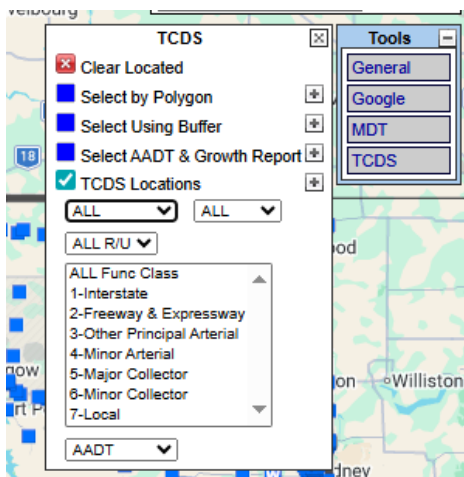
If you do not know the Location ID of the site:

- Use the map on the right side of the page.
- You may use:
 - the **plus (+)** and **minus (-)** zoom icons – located at the top left-hand corner of the map.
 - the **Locate** search bar – located at the top right-hand corner of the map.
 - **your cursor** to pan and navigate.



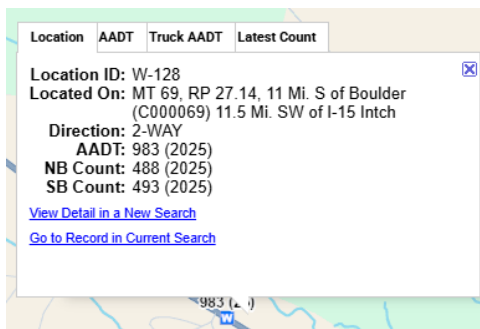
You may also use the **Tools** menu located at the top right-hand corner of the map.

1. Click on the **Tools** menu
2. Select the **TCDS** option
3. Under **TCDS Locations** is a dropdown menu that you may use to help narrow the search.



Step 3 — Retrieve the Local (Location) ID

Click on any site icon in the map. A pop-up box will appear displaying the Local/Location ID.



TCDS Location Icon Types

The following table describes the map icon types and their associated Local ID formats:

Map Icons	Description	Local ID Format
Blue Box with a White W	Continuous/Weigh-in-Motion (WIM)	W-XXX
Blue Box with a White C	Continuous/Automatic Traffic Recorder ATR)	A-XXX
Solid Blue Box	Short-term counts	XX-X-XXX

2. Entering the Location ID

Enter the Local ID into the **Location ID** field within either the **Quick Search** or **Advanced Search** sections. Then click the “Search” button. The site’s traffic data will display in **tabular form**.

The screenshot shows the 'Quick Search' interface. It has a header with tabs for 'Quick Search', 'Advanced Search', 'Map Search', and 'Tools'. Below the header, there are several input fields: 'County' (text input), 'Community' (text input), 'Located On' (text input), 'Location ID' (text input), 'Count Year' (dropdown menu), and 'Saved Searches' (dropdown menu). At the bottom, there are two buttons: 'Search' and 'Clear All'.

3. Viewing the Volume Count Data

Scroll down the tabular results to find the **VOLUME COUNT** box.

- Click the small eye icon beside the day and date to view daily volume data.


VOLUME COUNT				Graphs/Rpts
	Date	Int	Total	Status
	Sun 3/15/2026	15	667	✓
	Sat 3/14/2026	15	595	✓
	Fri 3/13/2026	15	814	✓

You can use the **Count Navigation** arrows to move through available days.


Count Navigation: |<< < > >> **Count Type:** VOLUME ▾

Directions: **2-WAY** NB SB ?

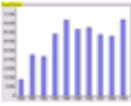
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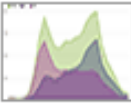
[View Calendar](#)



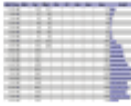
[View in Excel](#)




[Bar Graph](#)



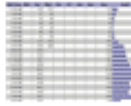
[Line Graph](#)



[Weekly Report](#)



[Monthly Report](#)



[Hourly Volume By Lane](#)

You may also explore:

- Additional reports on the page
- Viewing data by direction or lane

4. Viewing Additional Data Types

Scroll further to access hourly data for:

- SPEED
- WEIGH-IN-MOTION (WIM)
- CLASSIFICATION

SPEED Graphs/Rpts							CLASSIFICATION Graphs/Rpts				
Create Volume Counts							Create Volume Counts				
	Date	Int	Pace	85th	Total	Status		Date	Int	Total	Status
	Thu 4/9/2026	15	65 - 75	76	925	✓		Thu 4/9/2026	15	944	✓
	Wed 4/8/2026	15	65 - 75	75	1,036	✓		Wed 4/8/2026	15	1,053	✓
	Tue 4/7/2026	15	65 - 75	75	865	✓		Tue 4/7/2026	15	875	✓
	Mon 4/6/2026	15	65 - 75	76	906	✓		Mon 4/6/2026	15	913	✓
	Sun 4/5/2026	15	65 - 75	76	814	✓		Sun 4/5/2026	15	827	✓
	Sat 4/4/2026	15	65 - 75	76	902	✓		Sat 4/4/2026	15	908	✓
	Fri 4/3/2026	15	65 - 75	77	972	✓		Fri 4/3/2026	15	981	✓
	Thu 4/2/2026	15	65 - 75	76	881	✓		Thu 4/2/2026	15	890	✓
	Wed 4/1/2026	15	65 - 75	75	947	✓		Wed 4/1/2026	15	957	✓
	Tue 3/31/2026	15	65 - 75	75	873	✓		Tue 3/31/2026	15	885	✓

WEIGH-IN-MOTION Graphs/Rpts						PER VEHICLE					
Create Volume Counts						Create Volume Counts					
	Date	Axles	Avg GVW	Total	Status		Date	Axles	85th	Total	Status
	Thu 4/9/2026	2,584	14.81	944	✓	No Data					
	Wed 4/8/2026	3,055	18.09	1,053	✓	No Data					
	Tue 4/7/2026	2,422	15.78	875	✓	No Data					
	Mon 4/6/2026	2,459	14.02	913	✓	No Data					
	Sun 4/5/2026	1,983	10.74	827	✓	No Data					
	Sat 4/4/2026	2,138	8.90	908	✓	No Data					
	Fri 4/3/2026	2,379	10.64	981	✓	No Data					
	Thu 4/2/2026	2,371	13.92	890	✓	No Data					
	Wed 4/1/2026	2,622	16.04	957	✓	No Data					
	Tue 3/31/2026	2,468	15.37	885	✓	No Data					