

# Traffic Count Database System

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TRAINING OVERVIEW

2023

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NCDOT - Traffic Survey Group

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# 1. Logging In and Overview



Click

Login

### My Products



Traffic Count  
**TCDS**



Turning Movement  
**TMC**

### All Products



Autopolling  
**AP**



Backup API  
**BA**



Count Scheduler  
**CS**



Event Response  
**ERD**



Equipment Status  
**ESTS**



Field Tool  
**FT**



Highway Performance  
**HPMS**



Roads & Highways  
**R&H**



Road Sign  
**RSMS**



Traffic Crash  
**TCLS**



Traffic Forecast  
**TFMS**



Traffic Signal  
**TSMS**



Travel Time  
**TTDS**



Work Order  
**WOTS**

Use your NCDOT  
credentials

Log in with NCDOT Auth

MS2 Login

username

password

LOG IN WITH MS2

System Status: Ok

[Forgot Password?](#)

By continuing to use this web site, you agree to be bound  
by the [Terms of Service](#) and the Web Site [Privacy Policy](#)

North Carolina Department of Transportation

Transportation Data Management System

MS2

TCD'S Help

Home TMC TCLS NMS NMDS WOTS TFMS

Login + Locate + Loc

Auto-Locate OFF

Quick Search Advanced Search Tools

Click to access the Traffic Survey Group page

User Guide & Help documents from MS2

TCDS Quick Search	
County	Select County
Community	Select Community
Located On (Road):	Select On Road
Location ID	Select Location ID
Count Year	

Search Clear

Connect NCDOT  
BUSINESS PARTNER RESOURCES

Home Help Team Sites Site Map

Doing Business Bidding & Letting Projects Resources Local Governments

Search...

Asset Management Environmental Geotechnical GIS Hydraulics Materials & Tests Photogrammetry Contract Standards Mapping Resources

### Traffic Volume Maps

Annual average daily traffic (AADT) volume maps that present the traffic average for a specific year at specific points on North Carolina's roads

Connect NCDOT > Resources > Mapping Resources > Traffic Volume Maps

The N.C. Department of Transportation's [Traffic Survey Group](#) collects traffic data statewide to analyze and support planning, design, construction, maintenance, operation and research activities required to manage North Carolina's transportation system.

In compliance with standards outlined in the [Federal Highway Administration Traffic Monitoring Guide](#), annual average daily traffic volume maps and reports are published annually, once NCDOT has collected data for the entire state and analyzed and processed the entire set.

**Address & Phone**

**Phone:** (919) 707-0937 or (919) 707-0936  
**Fax:** (919) 773-9794  
**Mailing Address:**  
 1554 Mail Service Center  
 Raleigh NC 27699-1554

**Send a Message:**

- [Traffic Data Request](#)
- [Traffic Survey Group](#)

**2020 COVID-19 Traffic Monitoring Impact Memo**

**Interactive Traffic Volume Map**

Interactive mapping tool presenting historical annual average daily traffic volume since 2002

# 2. Searching for Stations

# Example:

The following slides will show several different ways to search for the same type of stations. You'll be able to see the pros/cons of using each of the search types to decide which method would work best for you.

1. Quick Search
2. Advanced Search
3. Map Search
4. Tools – Build Search

We will be looking for stations with the following attributes:

1. Wake County
2. Volume Counts
3. Counted in 2021







[TCDS](#) [Backup](#) [Admin](#) [Login](#) [Logout](#)

[+ Locate](#) [+ Locate All](#)

Welcome: jlviera Auto-Locate ON

[Quick Search](#) [Advanced Search](#) [Map Search](#) [Tools](#)

TCDS Quick Search	
County	Select County 
Community	Do not use 
Located On (Road):	Select On Road
Location ID	Select Location ID
Count Year	<input type="text"/> 
Saved Search	<input type="text"/> 

Quick Search - enter info into any category

Can input multiple counties, roads, or locations by using separating commas

Can access your saved searches ONLY if you are logged in

It's good practice to click on this to turn Auto-Locate ON before beginning work

Road names are based on Roads & Highways and may not be what you think

10-digit ID number can be found on the Interactive Traffic Volume Map or by clicking on station points in the map section

# Quick Search

# Quick Search

Quick Search | Advanced Search | Map Search | Tools

**TCDS Quick Search**

County:

Community:

Located On (Road):

Location ID:

Count Year:

Saved Search:

Pros: The search is quick and allows you input attributes quickly.

Cons: The results from this basic search do not allow you to select category of count, so your results show you ALL stations that were collected in 2021.

Recprd 1 of 2278 Goto Record go Loc go

Location ID	0920000006	MPO ID	
Type	SPOT	HPMS ID	
On NHS	No	On HPMS	Yes
LRS ID	40001012092	LRS Loc Pt.	2.140681
SF Group		Route Type	SR
AF Group	100	Route	1012
GF Group		Active	No
Class Dist Grp		Category	RETIRED
Seas Class Grp			
WIM Group			
QC Group	PERM		
Funct'l Class	PA-Other	Milepost	
Located On	SR 1012 Western Blvd		
Loc On Alias			
EAST OF	VARSITY DR.		
More Detail	▶		
	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>	

STATION DATA Show Data

2,278 Stations returned

The first station is Retired - we don't want this!

# Advanced Search

Many attributes are available to search.

NCDOT does not populate/use all attributes.

Some fields of interest:

- County
- Location ID
- Located On
- Route Type
- Functional Class
- Category
- Collection Cycle
- Project ID
- Count Date
- Active

Quick Search **Advanced Search** Map Search Tools

**TCDS Advanced Search**

Search Reset Search Load Search Ad-Hoc Rpts

Search Master Locations Only

Jurisdiction:

District:

County:

Community:   Exact Match

Location ID:   Exact  Starts With  Ends With  Contains

Type: SPOT

Located On<sup>1</sup>:   Exact Match

Route Type:

Route:   Exact Match

MPO ID:

Crossroad<sup>1</sup>:   Exact Match

LRS ID:   Exact  Starts With  Ends With  Contains

LRS Loc Pt: From  To

HPMS:   Not Null

ON HPMS:   Not Null

Screenline ID: ALL

Geocoded?: ALL

Virtual Station?: ALL

Virtual Source?: ALL

Perm Station?: ALL

WIM Station?: ALL

Mega-Site?: ALL

State Owned?: ALL

Direction: ALL

Funct'l Class: ALL   Null

Rural/Urban: ALL

Category: ALL   Null

Station Sensor Type:

Days Since Last Count Check:   Null

Collection Area:   Null

Legacy ID:   Null

Collection Group:   Null

Collection Cycle:   Null

Project ID:   Null

Volume: Min #  Max #  OR Select Year:   
Most recent Volume/AADT count (e.g. 5000) (Searches AADT Year too)

Count Date<sup>2</sup>: From  To   
(MM/DD/YYYY) (MM/DD/YYYY)

Counts Needed	Since <input type="text"/> (MM/DD/YYYY) - Locations not counted since this date	Count Due Year <input type="text"/> <input type="checkbox"/> Check AADT Year
As of Date	<input type="text"/> date Count expires (MM/DD/YYYY)	Cycle Length: <input type="text"/> number of years between counts
Use 'As of Date' in conjunction with 'Cycle Length' to find Locations whose most recent Count is older than the entered number of years before the As of Date.		
Count Cycle	<input type="text"/> Min <input type="text"/> Max	
Import Date <sup>2</sup>	<input type="text"/> From <input type="text"/> To (MM/DD/YYYY)	
QC Error	ALL <input type="text"/>	
Volume Counts	<input type="text"/> Filter By Volume >= Counted <input type="text"/> Filter by Days Counted <input type="text"/> Interval <input type="text"/> Min <input type="text"/> Max	<input type="text"/> Owner <input type="text"/> Days Counted <input type="text"/> Abnormal <input type="text"/> Count Status
	<input type="text"/> Filter By Class >= Counted <input type="text"/> Filter by Days Counted <input type="text"/> Interval <input type="text"/> Min <input type="text"/> Max	<input type="text"/> Owner <input type="text"/> Days Counted <input type="text"/> Abnormal <input type="text"/> Count Status
Speed Counts	<input type="text"/> Filter By Speed >= Counted <input type="text"/> Filter by Days Counted <input type="text"/> Interval <input type="text"/> Min <input type="text"/> Max	<input type="text"/> Owner <input type="text"/> Days Counted <input type="text"/> Abnormal <input type="text"/> Count Status
	<input type="text"/> Filter By Gap >= Counted <input type="text"/> Filter by Days Counted <input type="text"/> Interval <input type="text"/> Min <input type="text"/> Max	<input type="text"/> Owner <input type="text"/> Days Counted <input type="text"/> Abnormal <input type="text"/> Count Status
WIM Counts	<input type="text"/> Filter By WIM >= Counted <input type="text"/> Filter by Days Counted <input type="text"/> Min <input type="text"/> Max	<input type="text"/> Owner <input type="text"/> Days Counted <input type="text"/> Count Status
	<input type="text"/> Filter By Partial <input type="text"/> Interval	<input type="text"/> Owner
Partial Counts <sup>2</sup>	<input type="text"/> From <input type="text"/> To (MM/DD/YYYY)	
AADT Counts	<input type="text"/> Filter By AADT	<input type="text"/> Owner
Model Counts	<input type="text"/> Filter By Model	<input type="text"/> Owner
Active	ALL <input type="text"/> Filter By Active	
Location Owner	<input type="text"/>	
Location Note	<input type="text"/>	
<input checked="" type="radio"/> In String <input type="radio"/> Exact Match		
Note Date	<input type="text"/> From (MM/DD/YYYY)	<input type="text"/> To (MM/DD/YYYY)
Recount Requested	<input type="checkbox"/>	
Search Reset Search Load Search Ad-Hoc Rpts		

# Advanced Search

TCDS Advanced Search	
<input type="button" value="Search"/> <input type="button" value="Reset Search"/> <input type="button" value="Load Search"/> <input type="button" value="Ad-Hoc Rpts"/>	
<input type="checkbox"/> Search Master Locations Only	
Jurisdiction	<input type="text"/>
District	<input type="text"/>
County	<input type="text" value="Wake"/>
Community	<input type="text"/>
Location ID	<input type="text"/> <input checked="" type="radio"/> Exact <input type="radio"/> Starts With <input type="radio"/> Ends With <input type="radio"/> Contains
Type	SPOT
Located On <sup>1</sup>	<input type="text"/> <input type="checkbox"/> Exact Match
Route Type	ALL <input type="text"/>
Route	<input type="text"/> <input type="checkbox"/> Exact Match
MPO ID	<input type="text"/>
Crossroad <sup>1</sup>	ALL <input type="text"/> <input type="checkbox"/> Exact Match
LRS ID	<input type="text"/> <input checked="" type="radio"/> Exact <input type="radio"/> Starts With <input type="radio"/> Ends With <input type="radio"/> Contains
LRS Loc Pt	From <input type="text"/> To <input type="text"/>
HPMS	<input type="text"/> <input type="checkbox"/> Not Null
ON HPMS	<input type="text"/> <input type="checkbox"/> Not Null
Screenline ID	ALL <input type="text"/>
Geocoded?	ALL <input type="text"/>
Virtual Station?	ALL <input type="text"/>
Virtual Source?	ALL <input type="text"/>
Perm Station?	ALL <input type="text"/>
WIM Station?	ALL <input type="text"/>
Mega-Site?	ALL <input type="text"/>
State Owned?	ALL <input type="text"/>
Direction	ALL <input type="text"/>
Funct'l Class	ALL <input type="text"/> <input type="checkbox"/> Null
Rural/Urban	ALL <input type="text"/>
Category	VOLUME <input type="text"/> <input type="checkbox"/> Null
Station Sensor Type	<input type="text"/>
Days Since Last Count Check	<input type="text"/> <input type="checkbox"/> Null
Collection Area	<input type="text"/> <input type="checkbox"/> Null
Legacy ID	<input type="text"/> <input type="checkbox"/> Null
Collection Group	<input type="text"/> <input type="checkbox"/> Null
Collection Cycle	<input type="text"/> <input type="checkbox"/> Null

Project ID	<input type="text"/>	<input type="checkbox"/> Null
Volume	Min # <input type="text"/> Max # <input type="text"/> Most recent Volume/AADT count (e.g. 5000)	OR Select Year: <input type="text"/> (Searches AADT Year too)
Count Date <sup>2</sup>	From <input type="text"/> To <input type="text"/> (MM/DD/YYYY)	(MM/DD/YYYY)
Counts Needed	Since <input type="text"/> (MM/DD/YYYY) - Locations not counted since this date	Count Due Year <input type="text"/> <input type="checkbox"/> Check AADT Year
As of Date	<input type="text"/> date Count expires (MM/DD/YYYY)	Cycle Length: <input type="text"/> number of between counts
Use 'As of Date' in conjunction with 'Cycle Length' to find Locations whose most recent Counts older than the entered number of years before the As of Date.		
Count Cycle	<input type="text"/> Min <input type="text"/> Max	
QC Error	ALL <input type="text"/>	
Volume Counts	<input type="text"/> Filter By Volume <input checked="" type="checkbox"/> Counted <input type="checkbox"/> Filter by Days <input type="text"/> Days Counted <input type="text"/> Interval <input type="text"/> Abnormal <input type="text"/> Min <input type="text"/> Max <input type="text"/> Count Status	
Class Counts	<input type="text"/> Filter By Class <input checked="" type="checkbox"/> Counted <input type="checkbox"/> Filter by Days <input type="text"/> Interval <input type="text"/> <input type="text"/> Min <input type="text"/> Max	
Speed Counts	<input type="text"/> Filter By Speed <input checked="" type="checkbox"/> Counted <input type="checkbox"/> Filter by Days <input type="text"/> Interval <input type="text"/> <input type="text"/> Min <input type="text"/> Max	
Gap Counts	<input type="text"/> Filter By Gap <input checked="" type="checkbox"/> Counted <input type="checkbox"/> Filter by Days <input type="text"/> Days Counted <input type="text"/> Interval <input type="text"/> Abnormal <input type="text"/> Min <input type="text"/> Max <input type="text"/> Count Status	
WIM Counts	<input type="text"/> Filter By WIM <input checked="" type="checkbox"/> Counted <input type="checkbox"/> Filter by Days <input type="text"/> Days Counted <input type="text"/> Min <input type="text"/> Max <input type="text"/> Count Status	
Partial Counts <sup>2</sup>	<input type="text"/> Filter By Partial <input type="text"/> Interval <input type="text"/> From <input type="text"/> To (MM/DD/YYYY)	
AADT Counts	<input type="text"/> Filter By AADT	
Model Counts	<input type="text"/> Filter By Model	
Active	ALL <input type="text"/> <b>Set Active = YES</b>	
Location Note	<input checked="" type="radio"/> In String <input type="radio"/> Exact Match	
Note Date	<input type="text"/>	<input type="text"/> To (MM/DD/YYYY)
Recount Requested	<input type="checkbox"/>	
<input type="button" value="Search"/> <input type="button" value="Reset Search"/> <input type="button" value="Load Search"/> <input type="button" value="Ad-Hoc Rpts"/>		

This may look like the fields you want to use, but this will provide all stations that have a 2021 AADT, even if it is a growth factored volume and NOT because it was counted in 2021.

None of these fields are helpful.

Set Active = YES

## Advanced Search cont...

Disclaimer: The North Carolina Department of Transportation shall not be responsible for any errors or omissions in the Transportation Data Management System. [... more](#)

1,643 stations returned

List View All DIRs Save Search  Center Ad-Hoc Rpts Graphs/Rpts

Record   1   of 1643 Goto Record

Location ID	0920000083	MPO ID	
Type	SPOT	HPMS ID	
On NHS	No	On HPMS	No
LRS ID	40001924092	LRS Loc Pt.	0.1644106
SF Group	1	Route Type	SR
AF Group	99	Route	1924
GF Group	Wake	Active	Yes
Class Dist Grp		Category	VOLUME
Seas Clss Grp			
WIM Group			
QC Group	Short Term - Volume		
Funct'l Class	Local	Milepost	
Located On	Bud Smith Rd		
Loc On Alias			
NORTH OF	SR 1909		
More Detail	▶		

Pros: The search allows you to select a category to search for. You can also select a Collection Cycle if you wanted to see only Annual and Odd sites and by Project ID if available.

Cons: You can only select 1 County and 1 Category type from the drop-down boxes, so if you wanted to look for Volume and VC (Vehicle Class) stations, you would have to do one at a time. You cannot query based on just the counts collected in 2021.



[Home](#) [HPMS](#) [TMC](#) [TCLS](#) [TTDS](#) [RSMS](#) [NMDS](#) [WOTS](#) [RTTV](#)

[Backup](#) [Admin](#) [Login](#) [Logout](#) [+ Locate](#) [+ Locate All](#)

Welcome: [jlviera](#)

[Auto-Locate ON](#)

[Quick Search](#)

[Advanced Search](#)

[Map Search](#)

[Tools](#)

### TCDS Search By Map

1. Use the Map Tools to zoom to an area for review.
2. Turn on the TCDS Locations/Labels from the Tools/TCDS Menu (if it is not already on.)
3. Select a marker or Select by Polygon to review locations and counts. Markers may not show up until zooming in closer.

# Map Search

# Map Search

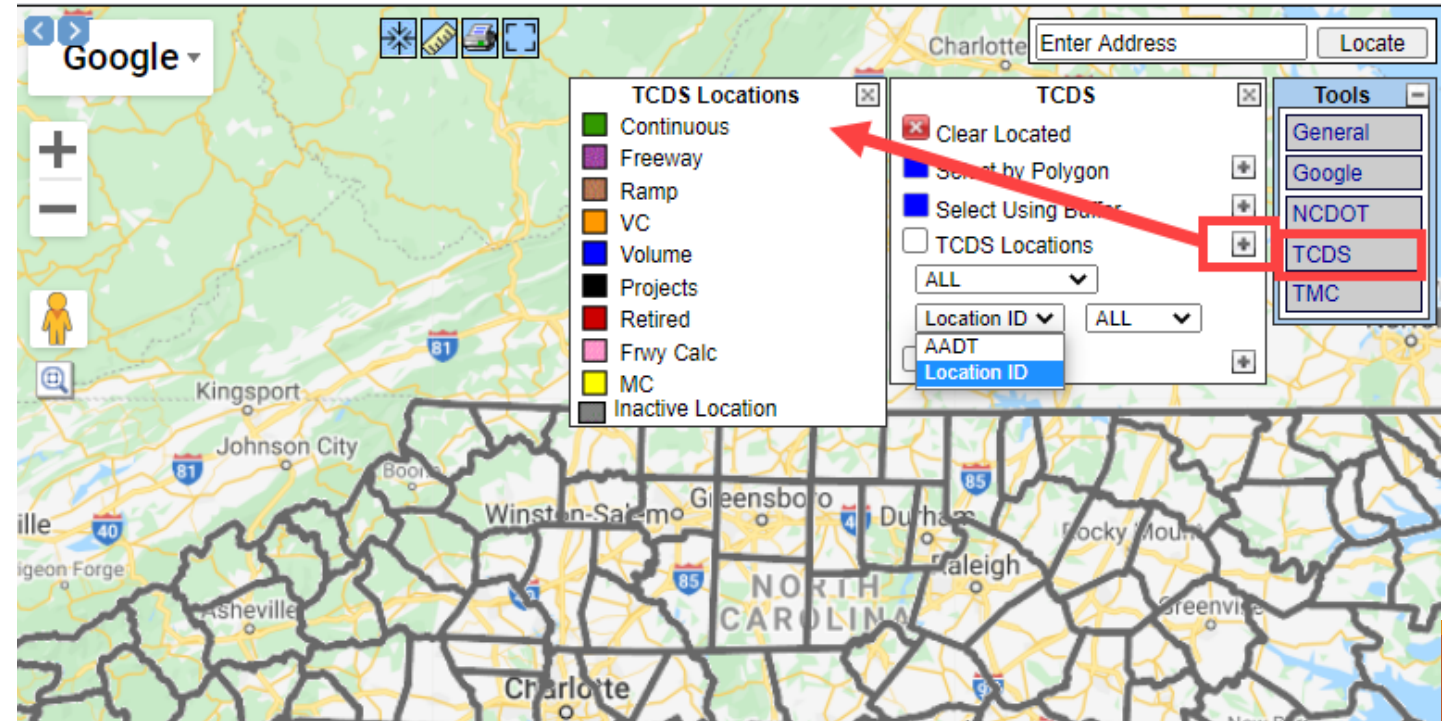
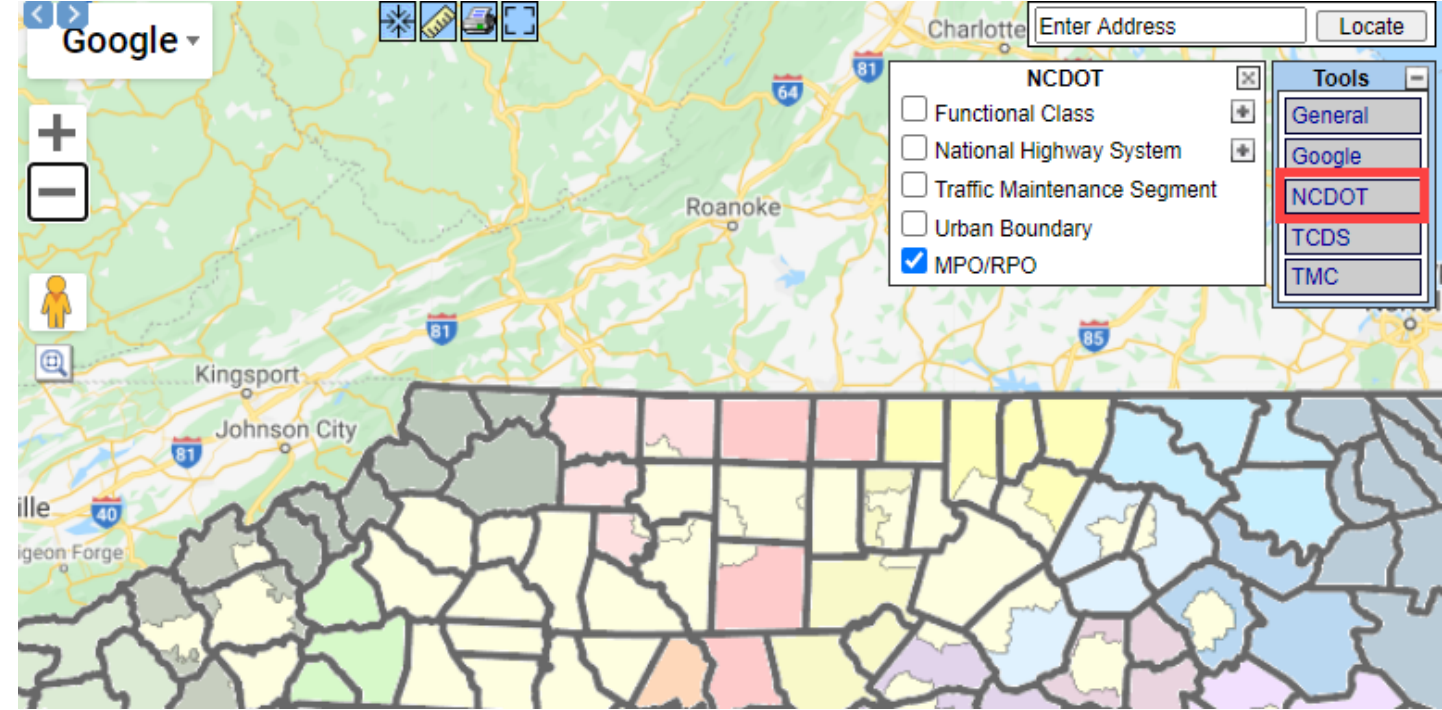
The image shows a screenshot of the Google Maps web interface. On the left, a search sidebar is open, displaying a list of map styles: Google (selected), MS2, Greyscale, Satellite, OSM, HERE Map, GIS Only, and Terrain. A red arrow points from the 'Google' dropdown menu to the search bar. The search bar is located in the top right corner and contains the text 'Enter Address' and a 'Locate' button. A red callout box points to the search bar with the text: 'You can enter a specific address or enter a town or city name.' In the top left corner, a red callout box points to the zoom controls (plus and minus buttons) and the 'Drag to Zoom' button (a person icon with a magnifying glass) with the text: 'The scroll wheel now works on this map to zoom in and out. You can also use the +/- buttons or the Drag to Zoom button.' The main map area shows a view of North Carolina and Virginia, with major cities like Charlotte, Raleigh, and Greensboro labeled. The map is overlaid with a grid of county boundaries.

# Mapping Tools to Turn On/Off

NCDOT – turns on various facility attributes and boundaries.

TCDS – turns on stations. Can be filtered by station type, active/inactive. Can select Location ID or AADT to be shown. Can click on Select by Polygon to perform a map search.

\*\*To close these popup windows, you must click on the X for each one.





# Map Search

North Carolina Department of Transportation  
MS2  
Transportation Data Management System

Home TMC TCLS TTDS RSMS NMDS WOTS RTTV  
Profile Backup Logout +Locate +Locate All

Welcome: jlviera Auto-Locate ON

Quick Search Advanced Search Map Search Tools

**TCDS Search By Map**

1. Use the Map Tools to zoom to an area for review.
2. Turn on the TCDS Locations/Labels from the Tools/TCDS Menu (if it is not already on.)
3. Select a marker or Select by Polygon to review locations and counts. Markers may not show up until zooming in closer.

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Use to Zoom In to Wake County

Turn on Stations - you can select All or limit it to Volume in the drop-down box

TCDS

- Clear Located
- Select by Polygon
- Select Using Buffer
- Select AADT & Growth Report
- TCDS Locations

ALL

Location ID: ALL

Traffic Flow

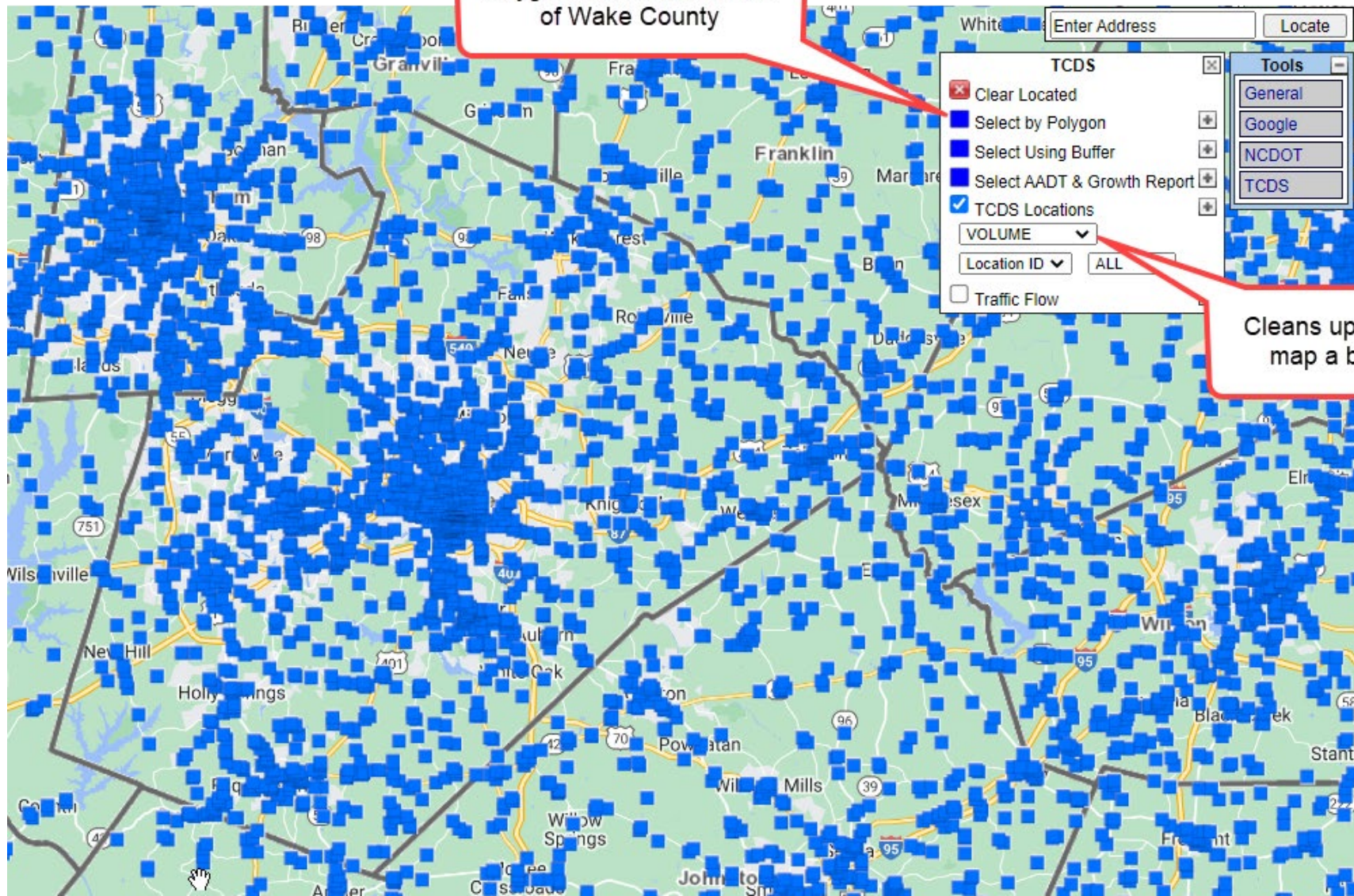
Tools

- General
- Google
- NCDOT
- TCDS**

# Map Search cont...

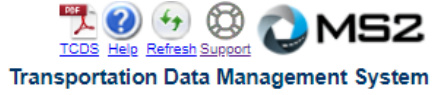
Next step is to draw a Polygon around the border of Wake County

Cleans up the map a bit



- Notes:
- When drawing a polygon, click each point, do not drag.
  - Click the first point to close the polygon.
  - To cancel the polygon, you must click on Cancel Polygon in the TCDS box (formerly where Select by Polygon shows).

# Map Search cont...



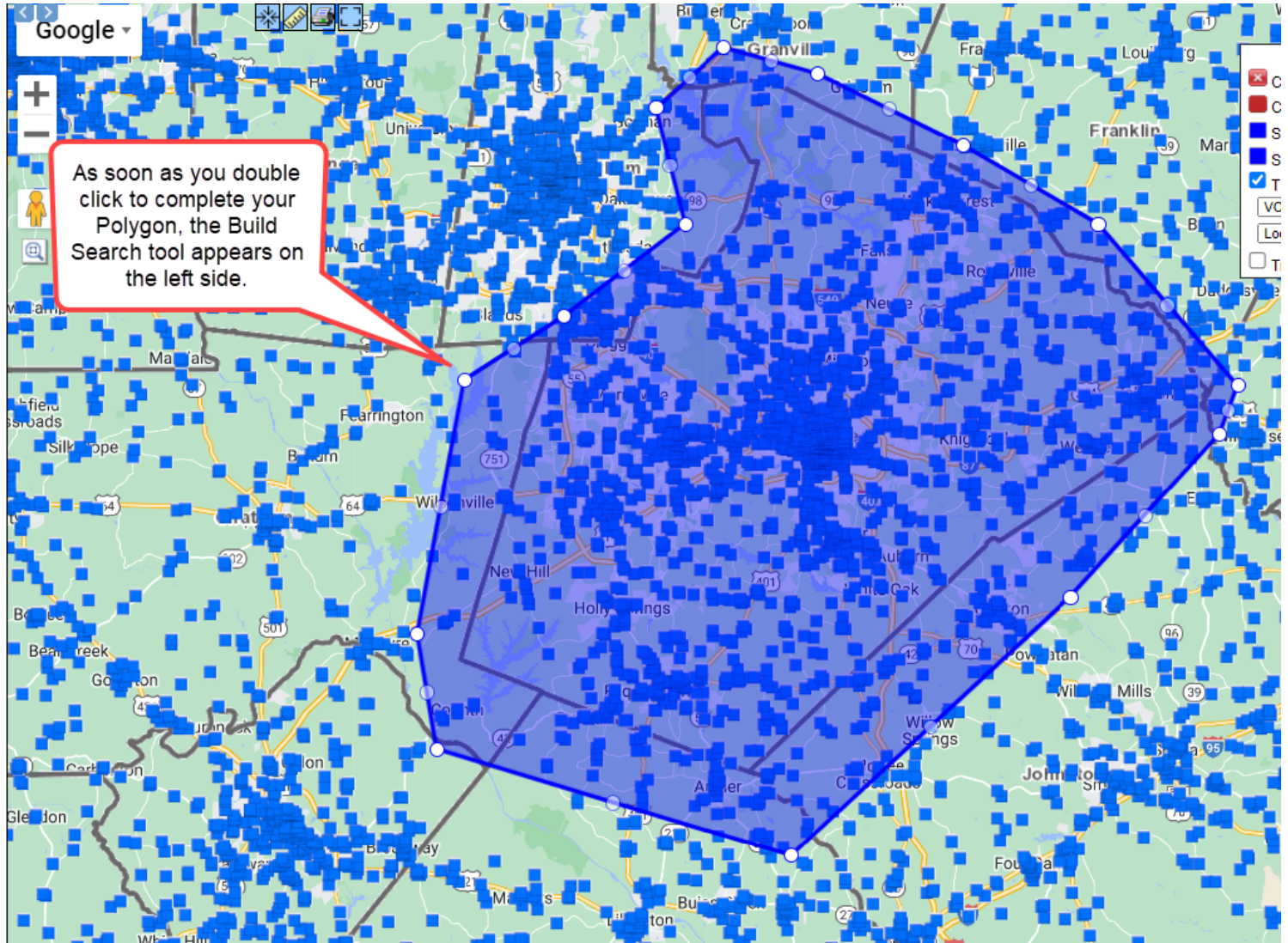
**Build Search**  
Enter search criteria below. Then click the "Search" button.

-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	

Search Master Locations Only

Search Home Reset

You have created a polygon or circle to search by and can 'Search' now or further refine your results by selecting criteria above and then doing a search.



Home TMC TCLS TTDS RSMS NMDS WOTS RTTV

Profile Backup Logout + Locate + Locate All

Welcome: jlviera [Auto-Locate OFF](#)

Quick Search Advanced Search Map Search **Tools**

- Build Search**
- SQL Builder
- Scheduled Reports

**Build Search**

Enter search criteria below. Then click the "Search" button.

-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	

Search Master Locations Only

Search Home Reset

The same attributes can be selected that were seen in the Advanced Search view.

# Tools – Build Search

# Map Search and Build Search

Note: The Build Search after drawing a Polygon is the same as if you clicked on Tools → Build Search

Build Search	
Enter search criteria below. Then click the "Search" button.	
County	Wake
Category	VOLUME
Count St Date	From: 1/1/2021 To: 12/31/2021 (MM/DD/YYYY) Enter "To" and/or "From" for date range.
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
-- Select Search Field --	
<input type="checkbox"/> Search Master Locations Only <a href="#">?</a>	
Search Home Reset	

If you do not select attributes to search for, your results will include ALL stations within the Polygon regardless of County, Category, or date of count (even if you're only showing Volume stations on the map).

You have created a polygon or circle to search by and can 'Search' now or further refine your results by selecting criteria above and then doing a search.

# Map Search and Build Search

This is the number of Volume stations within Wake County that were collected in 2021.

Disclaimer: The North Carolina Department of Transportation shall not be held responsible for any errors or omissions in the Transportation Data Management System. [... more](#)

List View All DIRs Save Search Print Center Ad-Hoc Rpts Graphs/Rpts

Record 1 of 1117 Goto Record  go

Location ID	0920000084	MPO ID	
Type	SPOT	HPMS ID	
On NHS	Yes	On HPMS	Yes
LRS ID	30000055092	LRS Loc Pt.	16.59766
SF Group	1	Route Type	NC
AF Group	93	Route	55
GF Group	Wake	Active	Yes
Class Dist Grp	0920002380	Category	VOLUME
Seas Clss Grp	SU3-MU3		
WIM Group			
QC Group	Short Term - Volume		
Funct'l Class	PA-Other	Milepost	
Located On	NC 55 E Williams St		
Loc On Alias			
NORTH OF	SR 1444 Lufkin Rd		
More Detail			

1,117 stations returned

# Map Search and Build Search

## Map Search

Pros: The search allows you to draw a polygon around only the stations you're interested in. If you want to look specifically at a city, not a full county, you can manually draw the boundaries to select stations within.

Cons: After drawing the polygon, you still need to enter in all the search parameters into the Build Search Tool. Often an attribute field is missed, resulting in an incomplete search result. The only way to fix this is to restart the search.

## Build Search

Pros: The search allows you to enter in multiple attributes for each field. You can search for multiple Categories in several Counties at one time. You can search for many different attributes.

Cons: You are limited to inputting attributes into 12 fields at a time. Once the search fields are filled, you cannot add more.

# Which type of search should you use?

## Quick Search:

- If you have a Location ID, or a list of Location IDs, and don't need to search by any other attribute
  - A string of IDs or counties can be entered if separated by commas
- If you are interested in a full county of data to run various reports on

## Advanced Search:

- If you have a County, Collection Cycle (s), or other group fields with single attributes (other than just County or Location ID)

## Map Search:

- If you are interested in drawing a Polygon around a very specific area that would otherwise be difficult to query based on just providing attributes

## Build Search:

- If you have multiple Counties, Categories, etc, that you want to search for at one time
- If you are looking specifically at particular roads (Located On)
  - You should include all forms of the road name (US 1 in one field, Capital Blvd in another field, etc)



# 3. How to View Station and Count Data

# Once you have completed a search:

Click to zoom to selected station

Click to see all stations in a search highlighted on the map

Click to turn Auto-Locate ON to automatically zoom to station. Will reset each time you close the website.

Location ID

SF Group = Seasonal Factor Group aka ATR Group

AF Group = Axle Factor Group

QC Group - shows either Volume or Class

Click to see additional station details

The higher designated road may be shown here. May be useful to use Route Type and Route when doing an Advanced Search

Category = Count Type

Home TMC TCLS RSMS NMDS WOTS

Locate + Locate All

Email This

Auto-Locate OFF

Disclaimer: The North Carolina Department of Transportation shall not be held liable for any errors in the Transportation Data Management System. [... more](#)

List View All DIRs Report Center

Record 1 of 1 Goto Record go

Location ID	0920000084	MPO ID	
Type	SPOT	HPMS ID	
On NHS	Yes	On HPMS	Yes
LRS ID	30000055092	LRS Loc Pt.	16.59766
SF Group	1	Route Type	NC
AF Group	93	Route	55
GF Group	Wake	Active	Yes
Class Dist Grp	0920002380	Category	VOLUME
Seas Class Grp	SU3-MU3		
WIM Group			
QC Group	Short Term - Volume		
Funct'l Class	PA-Other	Milepost	
Located On	NC 55 E Williams St		
Loc On Alias			
NORTH OF	SR 1444 Lufkin Rd		
More Detail	▶		

STATION DATA

Directions: 2-WAY NB SB ?

Road names are based on Roads & Highways

Fnct'l Class	PA-Other	Milepost	
Located On	NC 55 E Williams St		
Loc On Alias			
NORTH OF	SR 1444 Lufkin Rd		
Less Detail ▼			
County	Wake	FIPS County Code	
Community	-	# Lanes	0
Jurisdiction		Surface Type	Bituminous
District	5	Count Cycle	2
Control Section		Ctrl Section MP	
Perm Station	No	DOT ID	
WIM Station	No	Latitude	35.712820
Virtual	No	Longitude	-78.839350
Mega-Site	No	Speed Limit	
MPO	Capital Area MPO	LTPP	No
Owner ID	jlbunson	State Owned	No
Days Since Last Count Check		Rural/Urban	Urban
Collection Area	URBAN ODD YEAR		
Legacy ID	9100978		
Collection Group	PTC_109_7		
Collection Cycle	O		
Project ID			

Owner ID = Analysis Team

Collection Cycle:  
A = Annual  
E = Even  
O = Odd

Legacy ID

Indicates if the station is part of a special project and not a regular coverage station

Lat & Long Coordinates

### STATION DATA

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

### AADT ?

	Year	AADT	DHV-30	K %	D %	PA	BC
	2021	46,979	3,807	8	59	43,549 (93%)	3,430 (7%)
	2020	40,560 <sup>3</sup>					
	2019	47,883					
	2018	44,483 <sup>3</sup>					
	2017	44,629					

<<< < > >>> 1-5 of 16

### Travel Demand Model

Model Year	Model AADT	AM PHV	AM PPV	MD PHV	MD PPV	PM PHV	PM PPV	NT PHV	NT PPV

### VOLUME COUNT

Graphs/Rpts

	Date	Int	Total	Status
👁	Tue 8/24/2021	15	51,641	✓
👁	Mon 8/23/2021	15	50,151	✓
👁	Thu 9/26/2019	15	53,377	✓
👁	Wed 9/25/2019	15	53,433	✓
👁	Wed 9/13/2017	-	50,970	✓
👁	Tue 9/12/2017	-	46,444	✓
👁	Tue 4/23/2013	-	46,477	✓
👁	Mon 4/22/2013	-	45,273	✓
👁	Tue 8/30/2011	-	49,442	✓
👁	Mon 8/29/2011	-	47,610	✓

<<< < > >>> 1-10 of 16

mm / dd / yyyy To Date

### SPEED ?

Date	Int	Pace	85th	Total	Status
No Data					

### WEIGH-IN-MOTION ?

If a station is collected by direction, you will see direction buttons here. Click on the direction to see data.

Indicates either a 1-Way or 2-Way station

Published AADTs are found here. Notice that this software does not round these numbers. All published volumes are rounded in accordance with AASHTO.

Hover over AADTs with superscripts to see what they mean. (3) means the volume has been growth factored or "Grown"

Use this to scroll through all historic years of AADTs

These are RAW volume counts. Click on the "Eye" to see the raw data. Public users will only see Accepted counts.

### VOLUME TREND ?

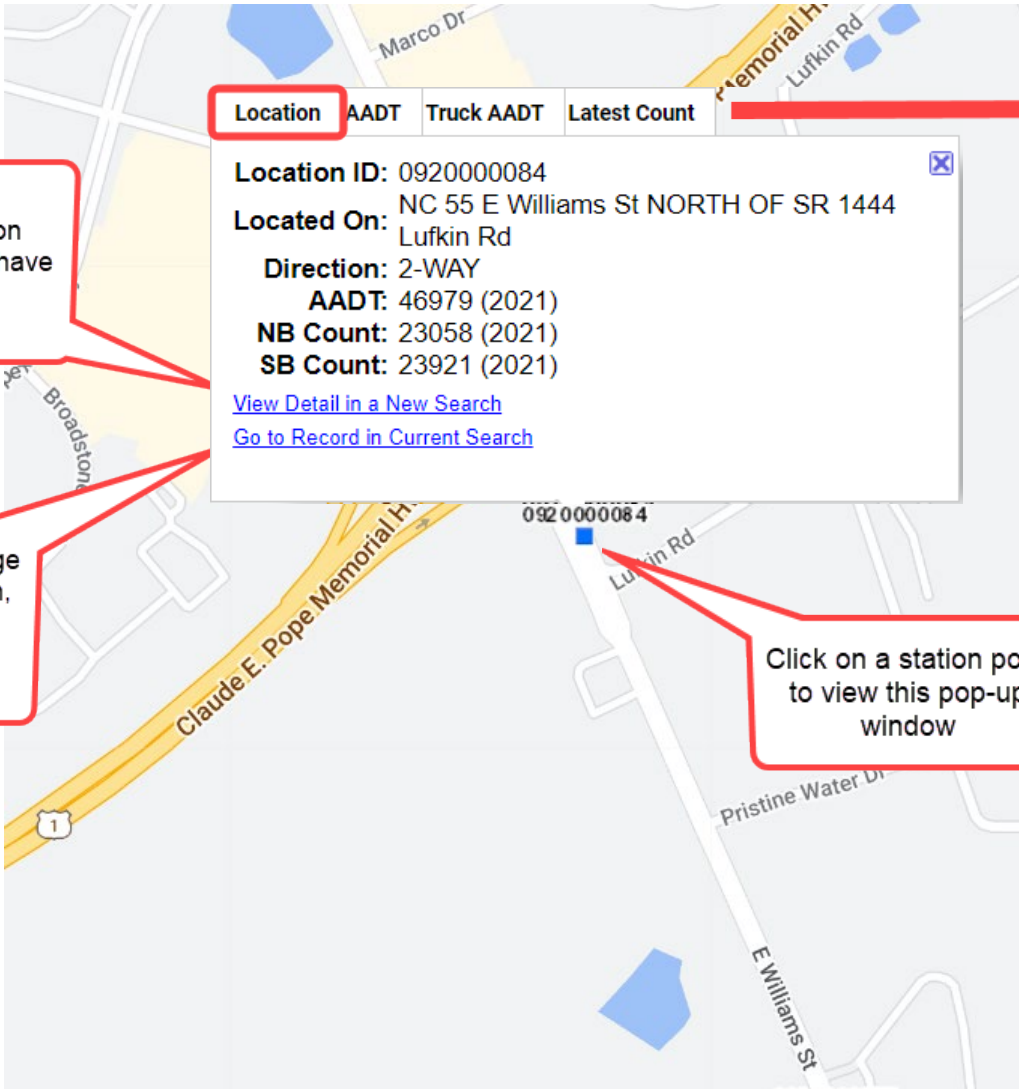
Graph

Year	Annual Growth
2021	16%
2020	-15%
2019	8%
2018	0%
2017	-2%
2016	3%
2015	2%
2014	2%
2013	-2%
2012	-1%

<<< < > >>> 1-10 of 15

We do not collect Speed, Weigh in Motion, or Per Vehicle Data

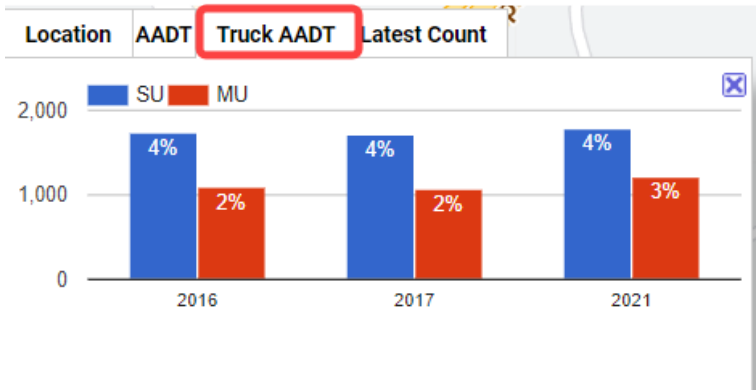
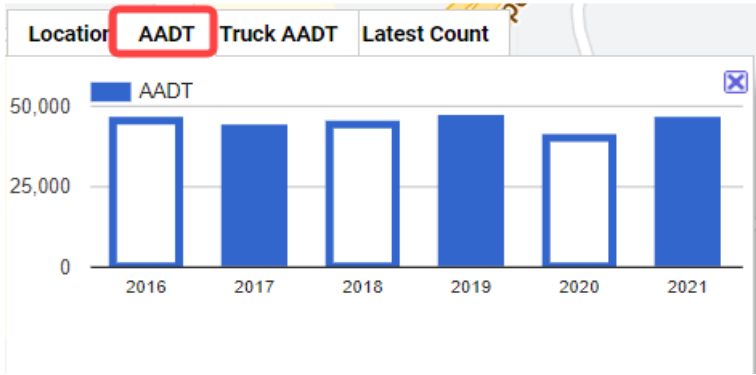
If this were a Class Count, there would be data here as well



If you just want to see the station specific information but DO NOT have a search already completed

If this station is included in a large query that you have already run, click on this to go to the record without resetting your entire search

Click on a station point to view this pop-up window



**Location** AADT Truck AADT **Latest Count**

**Date:** 08/24/2021 [View Line Graph](#)

**Total:** 51641 [View Count Comparison](#)

**Status:** Accepted [Update All Count Statuses for Day](#)  
[QC Log](#)

VOLUME COUNT			
	Date	Int	Total
	Tue 8/24/2021	15	51,641
	Mon 8/23/2021	15	50,151
	Thu 9/26/2019	15	53,377
	Wed 9/25/2019	15	53,433
	Wed 9/13/2017	-	50,970
	Tue 9/12/2017	-	46,444
	Tue 4/23/2013	-	46,477
	Mon 4/22/2013	-	45,273
	Tue 8/30/2011	-	49,442
	Mon 8/29/2011	-	47,610

1-10 of 16  
mm/dd/yyyy To Date

Click to see Raw Data

Auto-Locate OFF

Volume Count Report

LOCATION INFO	
Location ID	0920000084
Type	SPOT
Funct'l Class	3
Located On	E Williams St
Loc On Alias	
NORTH OF	SR 1444 Lufkin Rd
Direction	2-WAY
County	Wake
Community	-
MPO ID	
HPMS ID	
Agency	NCDOT

INTERVAL:15-MIN					
Time	15-min Interval				Hourly Count
	1st	2nd	3rd	4th	
0:00-1:00	96	71	70	55	292
1:00-2:00	63	64	40	31	198
2:00-3:00	41	32	44	35	152
3:00-4:00	42	55	32	62	191
4:00-5:00	69	85	109	158	421
5:00-6:00	198	239	408	446	1,291
6:00-7:00	562	742	856	858	3,018
7:00-8:00	867	957	940	978	3,742
8:00-9:00	909	850	892	904	3,555
9:00-10:00	798	808	806	698	3,110
10:00-11:00	658	673	707	718	2,756
11:00-12:00	703	682	708	750	2,843
12:00-13:00	765	748	782	774	3,069
13:00-14:00	763	775	799	746	3,083
14:00-15:00	747	775	816	873	3,211
15:00-16:00	870	919	950	902	3,641
16:00-17:00	948	954	932	976	3,810
17:00-18:00	1,001	1,030	897	955	3,883
18:00-19:00	974	887	867	751	3,479
19:00-20:00	714	696	689	610	2,709
20:00-21:00	609	604	599	513	2,325
21:00-22:00	364	353	284	249	1,250
22:00-23:00	271	218	195	184	868
23:00-24:00	153	139	168	76	536
<b>Total</b>					53,433
<b>AADT</b>					49,168
<b>AM Peak</b>					07:15-08:15 3,784
<b>PM Peak</b>					16:30-17:30 3,939

Raw Count Data for the first 24 hours of the count

COUNT DATA INFO	
Count Status	Accepted
Start Date	Wed 9/25/2019
End Date	Thu 9/26/2019
Start Time	2:45:00 AM
End Time	2:45:00 AM
Direction	2-WAY
Notes	
Station	
Study	
Speed Limit	
Description	
Sensor Type	Axle/Tube
Source	CombineVolumeCountsIncremental
Latitude,Longitude	35.712714, -78.839358

To see data broken out by direction, select which direction you would like to see here

The AADT shown here is for 1 day and is not a true AADT

Shows the AM and PM Peak times and volumes

Count Navigation: << < > >> Count Type: VOLUME

Directions: 2-WAY NB SB

[View Calendar](#)
[View in Excel](#)
[Bar Graph](#)
[Line Graph](#)
[Weekly Report](#)
[Hourly Volume By Lane](#)
[Compare Count](#)

## Fields of Interest:

### Category:

- **Continuous** – permanent continuous stations (collect 24/7/365 data)
- **Freeway** – stations along freeways that are calculated using control stations and ramp balancing. Only control stations are collected, and these collected stations can vary year to year.
- **FRWY CALC** – these are virtual stations in difficult to collect areas that are calculated by using multiple stations in the vicinity that are in safer locations (i.e. Wade Ave between I-40 and Edwards Mill Rd adds the ramps from I-40 to Wade Ave onto I-40 to calculate the Wade Ave volumes east of this area)
- **MC (Manual Class)** – class stations that are collected through Mobility & Safety due to high speeds, high levels of congestion, or other issues that do not allow field techs to lay out counters and tubes safely
- **Projects** – stations that are requested to gather additional information specifically for special projects that are not part of normal collection coverage
  - These may be collected as Volume or Class counts. To tell the difference you must look at the QC Group in the Record information. QC Group: Short Term – Volume is a volume count and Short Term – Class is a class count or a Manual Class count
- **Ramp** – stations that are on any type of ramp
- **Retired** – stations that will no longer be collected, but may have data for the current year
- **VC** – class stations that are collected through TSG field teams
- **Volume** – volume stations that are collected through TSG field teams

# Fields of Interest cont...

## Collection Cycle:

- Volume stations are collected either annually (A), or on even (E) or odd (O) years
  - Primary Routes are collected annually except when they are located within Urban Areas, then they are collected only in the year the Urban Area is collected

Even Year Urbans	Odd Year Urbans
Asheville	Hickory
Fayetteville	Rocky Mount
Greenville	Wilmington
Charlotte Metro	Triad
Goldsboro	Triangle
Jacksonville	
New Bern	

- Secondary Routes are collected on even or odd years
- Class and Manual Class stations are collected on a 3-year cycle
  - Cycle 1 – 2021, 2024, 2027...
  - Cycle 2 – 2022, 2025, 2028...
  - Cycle 3 – 2023, 2026, 2029...



## Fields of Interest cont...

### Located On:

- May be different than expected since this field is populated by Roads & Highways
- Examples include:
  - Located On = NC 55 E Williams St whereas you may be searching by using NC 55 or E Williams St
  - Located On = US 1 whereas you may be searching for Capital Blvd

Project ID: Each project is assigned a specific project number – PRJ\_##### where the first 2 digits are the last 2 digits of the project year, and the last 3 digits are based on the number of projects already requested (i.e. PRJ\_23001 is the first project requested for 2023). There may be more than 1 project number shown here.

Owner ID: This is the name of the analyst that is the current “owner” of the station, meaning they can update the description, analyze counts, and update count statuses. For project counts, this is NOT the name of the person that requested the count.

# 4. Saving/Loading Searches

# Saving a Search

Note: You must first run a search before the search can be saved. This is true for all search types.

Disclaimer: The North Carolina Department of Transportation shall not be liable for any errors in the Transportation Data Management System. [...more](#)

List View All DIRs Save Search Report Center Ad-Hoc Rpts Graphs/Rpts

Record 1 of 1117 Goto Record go

Location ID	0920000084	MPO ID	
Type	SPOT	HPMS ID	
On NHS	Yes	On HPMS	Yes
LRS ID	30000055092	LRS Loc Pt.	16.59766
SF Group	1	Route Type	NC
AF Group	03	Route	55

After the search is run, click on Save Search



**SAVE SEARCH**

Below is the current search criteria. Enter the Search Name for the search criteria to save this search for later use.

Current Search Options  
COUNT\_ST\_DATE1: 1/1/2021  
COUNT\_ST\_DATE2: 12/31/2021  
COUNTY: Wake  
CATEGORY: VOLUME  
buildSearch: 1

Search Name:

Save This Search Load Saved Search Cancel



Shows the list of search criteria

Name it something descriptive

Save

**SAVE SEARCH**

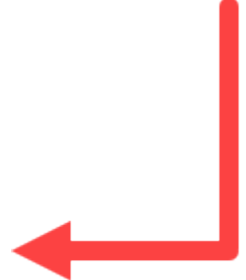
Select from the saved search criteria below. Click "Load Search" to view the search results for that search criteria.

Search Name	Search Criteria	Action
HowToSaveASearch	COUNT_ST_DATE1: 1/1/2021 COUNT_ST_DATE2: 12/31/2021 COUNTY: Wake CATEGORY: VOLUME buildSearch: 1	 

New Search

Click to Load the Search

Click to Delete Search



# Loading a Search

Note: There are several different places where you can load a saved search.

Quick Search | Advanced Search | Map Search | Tools

**TCDS Quick Search**

County	Select County
Community	Select Community
Located On (Road):	Select On Road
Location ID	Select Location ID
Count Year	▼
Saved Search	▼
Search	

**Station Data**

Station Type	Continuous	Short	WIM
alamance2021 (shared)			
HowToSaveASearch			

Quick Search | **Advanced Search** | Map Search | Tools

**TCDS Advanced Search**

Search | Reset Search | **Load Search** | Ad-Hoc Rpts



Search Master Locations Only

Jurisdiction: [Dropdown]



**SAVE SEARCH**

Select from the saved search criteria below. Click "Load Search" to view the search results for that search criteria.

Search Name	Search Criteria	Action
HowToSaveASearch	COUNT_ST_DATE1: 1/1/2021 COUNT_ST_DATE2: 12/31/2021 COUNTY: Wake CATEGORY: VOLUME buildSearch: 1	 

New Search

# 5. Reports

WHICH ONES SHOULD YOU USE?

## Regarding Reports in Report Center:

There are many reports located in the Report Center, however many of them do not pertain to NCDOT. If you are logged in, you will see ALL the reports. **It is important that you use the right reports to ensure that the data is processed and output correctly according to NCDOT TSG standards and methodologies.**

One report may not provide all the information that you're looking for. In cases like these, you may need to run several reports and then copy and paste the data you need into a separate spreadsheet. Some reports offer much more information than you may be interested in. In these cases, you can simply delete rows or columns after you export into Excel.

Ad Hoc Reports can also be created and saved for future use.

The next slides will show each of the report categories in the Report Center with the reports that you may find useful indicated in red boxes. Abbreviated examples of report outputs will also be provided.

**This section is long and may be skipped over if you are NOT interested in seeing the reports.**

[Email This](#)  
[Auto-Locate OFF](#)

Click here to see all "off the shelf" reports

[Report Center](#)

go

MPO ID	
HPMS ID	

Report : None  
 Dates : None  
 Process :  Immediately

[Home](#) [Go](#) [Back](#)

Locations Reports Options Output

1 Location(s) Found 1 Location(s) Selected

Loc ID	County	Community	On	From	To	At	Dir	Alias	
0920000084	Wake	-	E Williams St			SR 1444 Lufkin Rd	2-WAY		<input checked="" type="checkbox"/>

Previous 1 Next

[Home](#) [Go](#) [Back](#)

Locations Reports Options Output

Station

**(Volume)**

- Class
- Length
- Speed
- WIM
- HPMS
- MEPDG
- Export

**AAADT by Year Comparison (Chart)**

- Detail Reports
  - AAADT and AAADT Trucks by Year (Chart)
  - AAADT by Year by Direction (Chart)
  - AAADT by Year Comparison (Chart)**
  - AAADT by Year Comparison Matrix (Chart)
  - ADT by Day of Week by Month for Year
  - ADT by Day of Week by Month for Year With Quarterly Totals
  - Annual High Hour
  - Avg Hourly Traffic by Day of Week for Year
  - Latest Volume Count Detail
  - MADT by Direction for Year
  - Monthly Traffic Calendar
  - Representative Counts by Quarter
  - Volume by Hour by Day for Month
  - Volume by Hour by Day of Week (15-Min)
  - Volume By Hour By Week

Locations Reports Options Output

**Choose Dates**

Time Span :

\* Start Date :

\* End Date :

\* Required Fields

- Today
- This Week
- Last Week
- This Month
- Last Month
- This Year
- Last Year
- Last 3 Years
- Last 5 Years
- Last 10 Years
- 
- 2017
- 2018
- 2019
- 2020

Click to generate report

# Station Reports:

Although there are more reports included in this category, none of them should be used with our data.

The screenshot shows a software interface with a top navigation bar containing 'Locations', 'Reports', 'Options', and 'Output'. The 'Reports' menu is open, displaying a list of report categories and specific reports. A mouse cursor is pointing at the 'Station' category. The 'Count Collection - Most Recent Count Date' report is highlighted with a red box.

Category	Report Name
Station	<b>Detail Reports</b>
Volume	AADT Calculation Example Day
Class	AADT, K-Factor, and D-Factor by Year
Length	Count Collection - Calendar View for Year (Chart)
Speed	Count List
WIM	QC Status Days by Month for Year (Chart)
HPMS	<b>Listing Reports</b>
MEPDG	Axle Count Sites Estimated/Rejected
Export	Continuous Station QC Status
Admin	Count Collection - Count Type by Day for Month (Accepted Counts)
Custom	Count Collection - Count Type by Day for Month (All Counts)
Top 10 This User	<b>Count Collection - Most Recent Count Date</b>
Top 10 All Users	Count Collection - Most Recent Count Date by Count Type
	Count Collection - Sites Not Counted in Count Cycle
	Invalid Directions
	QC Error and Recount Request Status
	QC Status - Most Recent Count
	QC Status by Day
	QC Status Days for Month (Chart) CLASS
	QC Status Days for Month (Chart) LENGTH
	QC Status Days for Month (Chart) SPEED
	QC Status Days for Month (Chart) VOLUME
	QC Status Days for Month (Chart) WIM



Report : Station > Count Collection - Most Recent Count Date  
 Dates : Not Applicable  
 Delivery :  Immediately  Submit Job (long running reports)  
 Recurring :  Yes, schedule recurring report generation

Go

Locations Reports Options Output

Options tab is grayed out - no date input needed

1 of 8

8 pages of data

Click to select Export type

Shows the date of the latest count, even if it has not been analyzed yet.

NCDOT

Count Collection - Most Recent Count Date  
 Criteria: County = Ashe

District	County	Location ID	DIR	Type of Site	FC	Status	Perm Station	Since Last Count	Last Count Date	Location On
11	Ashe	0050000001	2-WAY	VOLUME	7	Active	NO	2 Months	5/10/2022	
11	Ashe	0050000002	2-WAY	VOLUME	7	Active	NO	2 Months	5/18/2022	
11	Ashe	0050000003	2-WAY	VOLUME	7	Active	NO	2 Months	5/18/2022	
11	Ashe	0050000004	2-WAY	VOLUME	7	Active	NO	85 Months	6/3/2015	
11	Ashe	0050000005	2-WAY	VOLUME	7	Active	NO	86 Months	5/27/2015	
11	Ashe	0050000006	2-WAY	RETIRED	5	Active	NO	42 Months	1/16/2019	

# Count Collection – Most Recent Count Date

# Volume Reports:

Although there are more reports included in this category, none of them should be used with our data.

The screenshot shows a software interface with a navigation menu. The 'Reports' tab is selected, and the 'Volume' sub-menu is open. A mouse cursor is hovering over the 'Volume' item. The following reports are listed in the sub-menu, with four items highlighted by red boxes:

- Station
- Volume**
- Class
- Length
- Speed
- WIM
- HPMS
- MEPDG
- Export
- Admin
- Custom
- Top 10 This User
- Top 10 All Users

**Detail Reports**

- AADT and AADT Trucks by Year (Chart)
- AADT by Year by Direction (Chart)
- AADT by Year Comparison (Chart)**
- AADT by Year Comparison Matrix (Chart)
- ADT by Day of Week by Month for Year
- ADT by Day of Week by Month for Year With Quarterly Totals
- Annual High Hour
- Avg Hourly Traffic by Day of Week for Year
- Continuous Station Directional Hourly Volume By Month**
- Daily Total and Truck Volume Comparison
- Hourly Data by Direction for Year (Limit 50 Locations)
- Latest Volume Count Detail
- MADT by Direction for Year
- Monthly Traffic Calendar
- Most Recent 48 Hour Count for Year**
- Representative Counts by Quarter
- Volume by Hour by Day for Month
- Volume by Hour by Day of Week (15-Min)
- Volume By Hour By Week
- Volume Report for All Stations**
- Volume Total by Lane

**Listing Reports**

Locations Reports Options Output

Very large report. 1 tab/page per station.

1 of 249 Find | Next

NCDOT

**AADT by Year Comparison for 1/1/2012 - 12/31/2021**  
Criteria: County = Ashe

District: 11 Location ID: 0050000001  
 County: Ashe Located On: SR 1535 Grassy Creek Rd LRS ID: 40001535005  
 Community: - At: SR 1573 Old Hwy 16 LRS Point: 0.4909167

Choose Dates \*Required Fields  
 Time Span : Last 10 Years  
 \*Start Date : 1/1/2012  
 \*End Date : 12/31/2021

Can select different Time Spans or input your own manually based on what you want to see.

Year	AADT	% Change YOY
2012	178	31.9%
2013	171	-3.9%
2014	118	-31.0%
2015	111	-5.9%
2016	168	51.4%
2017	164	-2.4%
2018	159	-3.0%
2019	163	2.5%
2020	145	-11.0%
2021	151	4.1%

NOTE: Red text means percent change is >20%

Generated 7/21/2022 Page 1 of 249

# AADT by Year Comparison (Chart)

Locations Reports Options Output

Report : Volume > Continuous Station Directional Hourly Volume By Month  
 Dates : 6/1/2022 - 6/30/2022  
 Delivery :  Immediately  Submit Job (long running reports)  
 Recurring :  Yes, schedule recurring report generation

Go

Locations Reports Options Output

Choose Dates \* Required Fields  
 Time Span : Last Month  
 \* Start Date : 6/1/2022  
 \* End Date : 6/30/2022

Monthly report means you must select 1 month

Hourly Continuous Data shown by direction.

**NCDOT**

Continuous Station Directional Hourly Volume By Month for 6/1/2022 - 6/30/2022  
 Criteria: Type = I-SECTION, Category = CONTINUOUS, County = Brunswick, Active = 1

Location ID: 010000002  
 County: Brunswick  
 Location: SR 1165 (Thomasboro Rd) SOUTH OF US 17 OCEAN HWY

Date	DIR	DOW	Hour of Day																								Total	Status
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
6/1/2022	NB	Wed	1	0	2	2	11	43	104	182	158	186	189	197	196	205	171	175	185	156	113	90	89	58	24	7	2,524	Accepted
6/1/2022	SB	Wed	6	4	1	2	1	13	54	106	166	125	156	171	261	184	152	208	195	198	129	94	67	43	25	15	2,374	Accepted
6/2/2022	NB	Thu	2	2	3	4	8	28	110	165	143	178	149	178	208	200	199	223	172	147	131	75	73	65	22	10	2,495	Accepted
6/2/2022	SB	Thu	6	2	2	2	0	12	49	124	172	172	177	199	202	181	208	206	196	212	119	84	81	35	35	15	2,491	Accepted
6/3/2022	NB	Fri	5	0	4	5	12	23	93	154	132	95	169	163	186	173	221	193	162	138	107	87	63	45	33	9	2,272	Accepted
6/3/2022	SB	Fri	12	5	4	3	3	26	49	123	161	130	169	197	199	178	176	211	194	188	147	91	47	52	31	12	2,408	Accepted
6/4/2022	NB	Sat	8	3	1	5	4	12	43	74	93	128	149	153	159	165	153	130	140	129	108	94	69	63	34	10	1,927	Accepted
6/4/2022	SB	Sat	11	5	5	4	1	21	30	63	69	115	144	159	167	175	133	162	134	124	115	109	61	53	29	25	1,914	Accepted

# Continuous Station Directional Hourly Volume By Month

Note: This can only be run on Continuous Count stations.

Locations Reports Options Output

Choose Dates \* Required Fields

Time Span :

\* Start Date :

\* End Date :

Location ID: 0650000006  
 County: New Hanover  
 Location: Holly Shelter Rd WEST OF I-40

**Tuesday, April 20, 2021**

Time	2-WAY Hourly
0:00-1:00	31
1:00-2:00	18
2:00-3:00	19
3:00-4:00	33
4:00-5:00	57
5:00-6:00	200
6:00-7:00	612
7:00-8:00	1,020
8:00-9:00	777
9:00-10:00	531
10:00-11:00	557
11:00-12:00	610
12:00-13:00	643
13:00-14:00	607
14:00-15:00	704
15:00-16:00	910
16:00-17:00	909
17:00-18:00	988
18:00-19:00	626
19:00-20:00	420
20:00-21:00	321
21:00-22:00	200
22:00-23:00	117
23:00-24:00	69

Count Total	10,979
AM Peak	07:15-08:15 1,058
Mid Peak	13:45-14:45 684
PM Peak	15:15-16:15 999

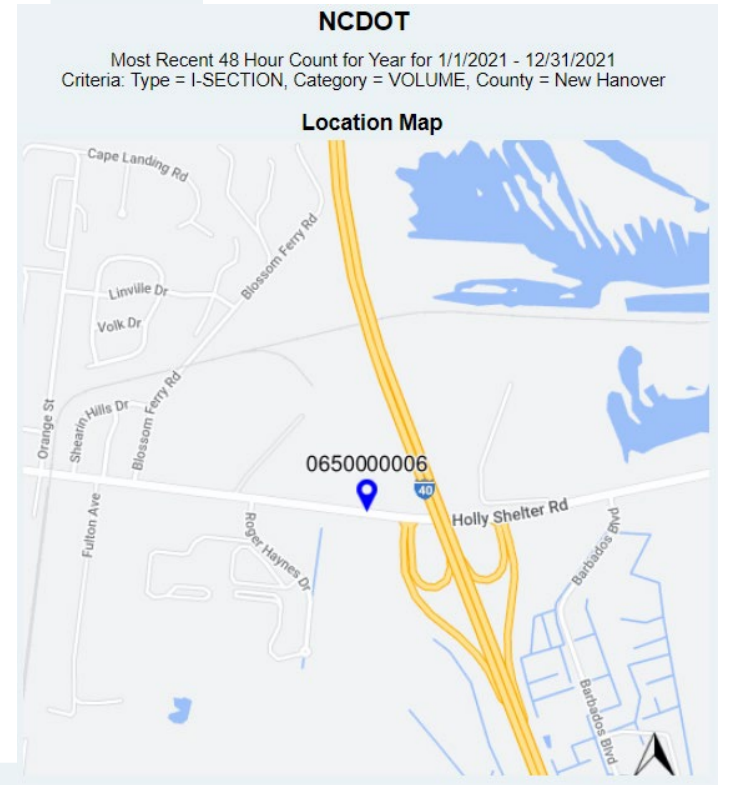
**Wednesday, April 21, 2021**

Time	2-WAY Hourly
0:00-1:00	40
1:00-2:00	29
2:00-3:00	21
3:00-4:00	16
4:00-5:00	54
5:00-6:00	204
6:00-7:00	598
7:00-8:00	961
8:00-9:00	812
9:00-10:00	545
10:00-11:00	540
11:00-12:00	640
12:00-13:00	660
13:00-14:00	651
14:00-15:00	726
15:00-16:00	904
16:00-17:00	963
17:00-18:00	938
18:00-19:00	601
19:00-20:00	442
20:00-21:00	305
21:00-22:00	181
22:00-23:00	136
23:00-24:00	84

Count Total	11,051
AM Peak	07:15-08:15 1,005
Mid Peak	11:45-12:45 692
PM Peak	15:45-16:45 990

Station AADT \*

\* The AADT Estimate is based on factors in use on the date the report was generated



- If directional data is available, you will see hourly data by direction with 2-way hourly totals
- A location map is included for each station, regardless of available data
- The Station AADT at the bottom is NOT rounded. Please round this using AASHTO rounding methods
- If no count is available for the selected year, Page 1 will state “The station has no 48-hour directional data”

# Most Recent 48 Hour Count for Year

Report : Volume > Volume Report for All Stations  
 Dates : 1/1/2021 - 12/31/2021  
 Delivery :  Immediately  Submit Job (long running reports)  
 Recurring :  Yes, schedule recurring report generation  
 Go

Locations Reports Options Output

1 of 24

Hourly Continuous data shown in 2-Way directional totals.

NCDOT

Volume Report for All Stations for 1/1/2021 - 12/31/2021  
 Criteria: Type = I-SECTION, Category = CONTINUOUS, County = Brunswick, Active = 1

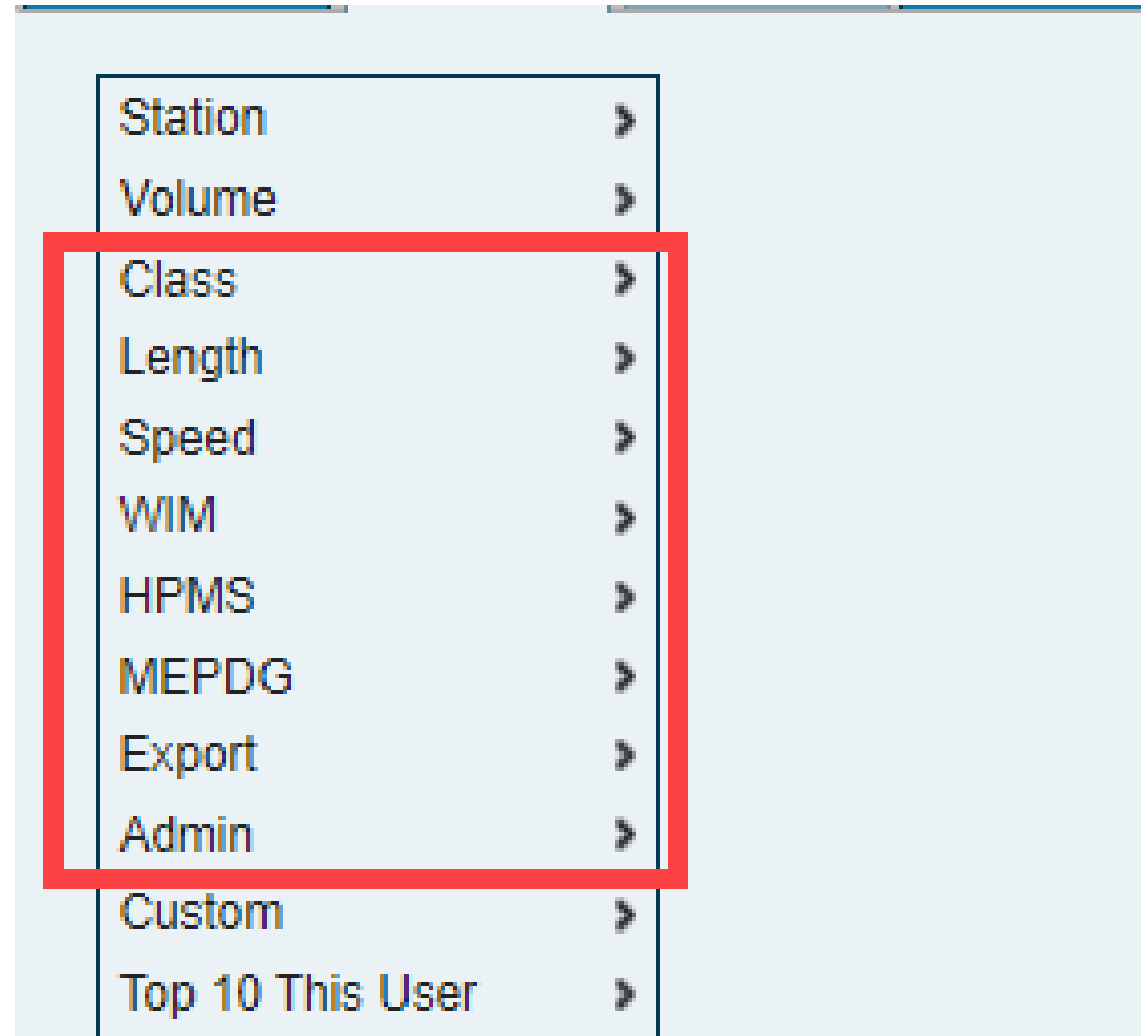
Any time frame can be used for this report.

Location	Start Date	End Date	Interval	H01	H02	H03	H04	H05	H06	H07	H08	H09	H10	H11	H12	H13	H14	H15	H16	H17	H18	H19	H20
0100000 002	1/1/2021	1/2/2021	15	24	16	9	10	7	20	22	42	64	82	127	156	167	192	192	168	184	148	131	71
	1/2/2021	1/3/2021	15	5	6	0	4	4	18	27	62	119	168	170	237	242	262	258	261	213	181	115	92
	1/3/2021	1/4/2021	15	7	9	6	9	10	8	30	51	85	137	200	198	288	230	235	230	194	173	95	89
	1/4/2021	1/5/2021	15	6	3	9	4	11	33	87	228	243	295	245	286	272	289	299	313	257	290	158	102
	1/5/2021	1/6/2021	15	6	2	3	4	10	35	88	227	254	270	249	273	255	260	260	299	274	274	153	77

# Volume Report for All Stations

# Other Report Categories in Report Center:

The reports in these categories should not be used. Although they may provide data that you are interested in, they have not been tested or validated using TSG's standards and methodologies.

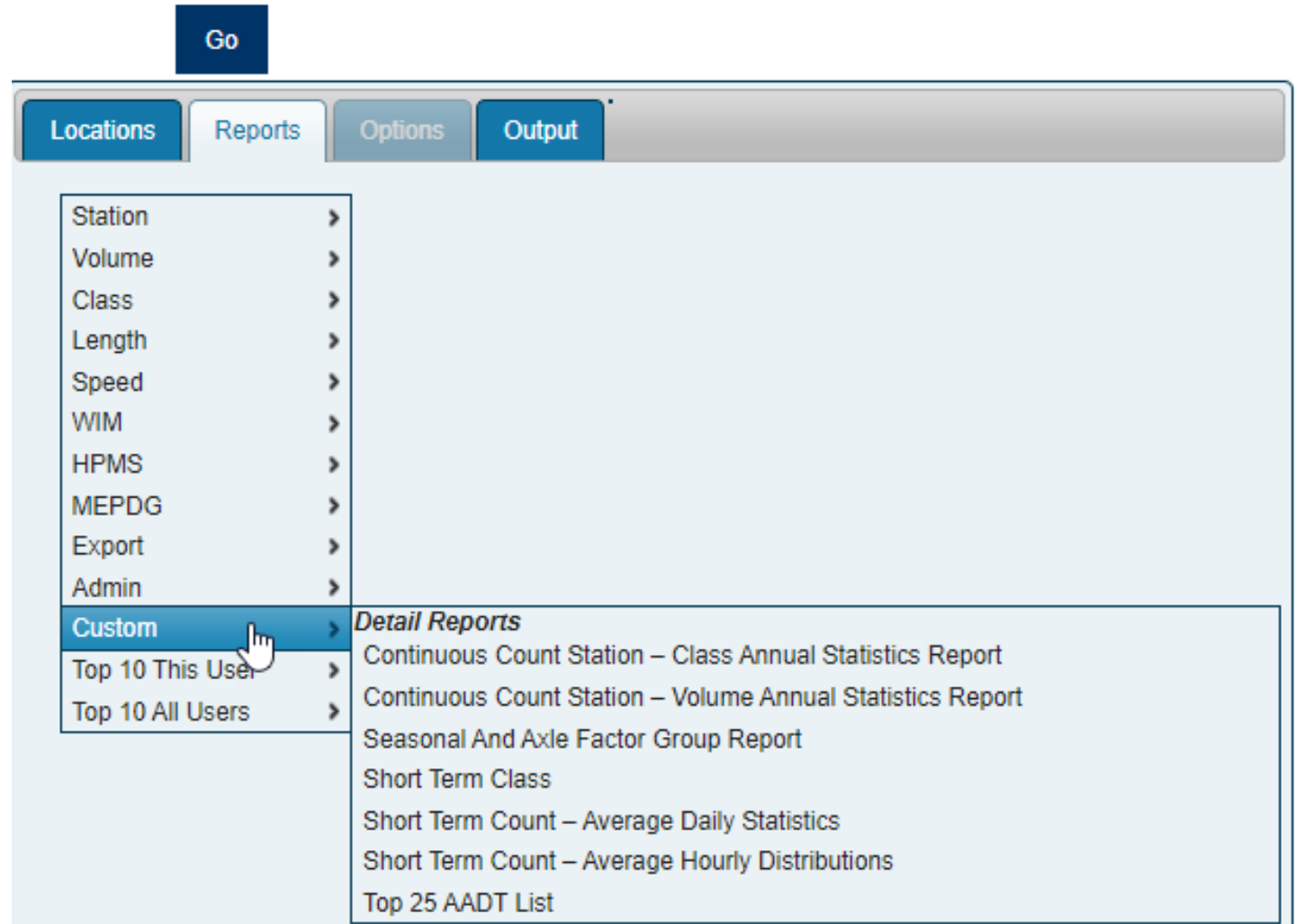


Station	>
Volume	>
Class	>
Length	>
Speed	>
WIM	>
HPMS	>
MEPDG	>
Export	>
Admin	>
Custom	>
Top 10 This User	>

# Custom Reports:

The reports in this category have been designed and created specifically for NCDOT – TSG.

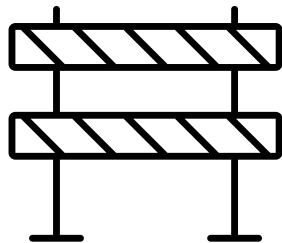
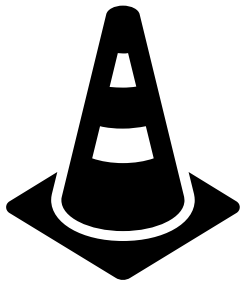
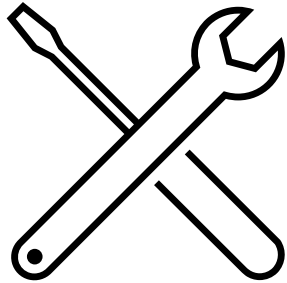
All of these reports can be used.





# Continuous Count Station – Class Annual Statistics Report

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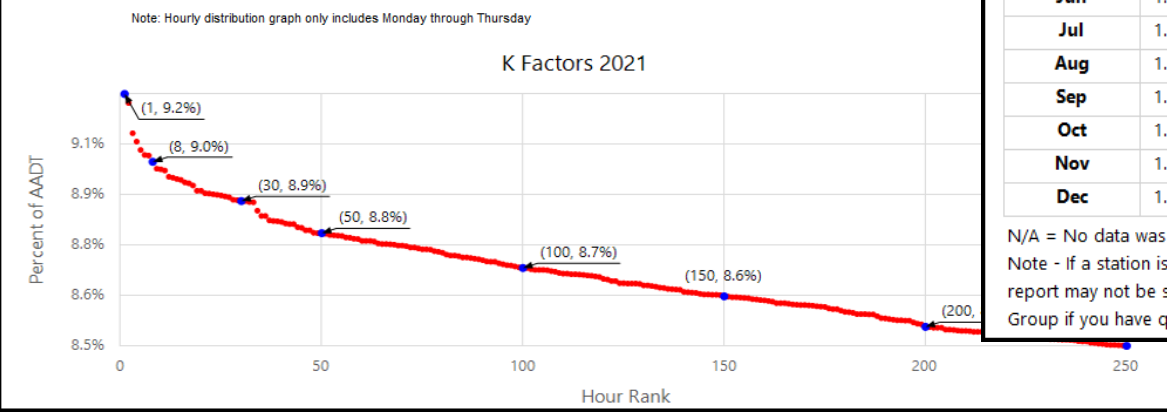
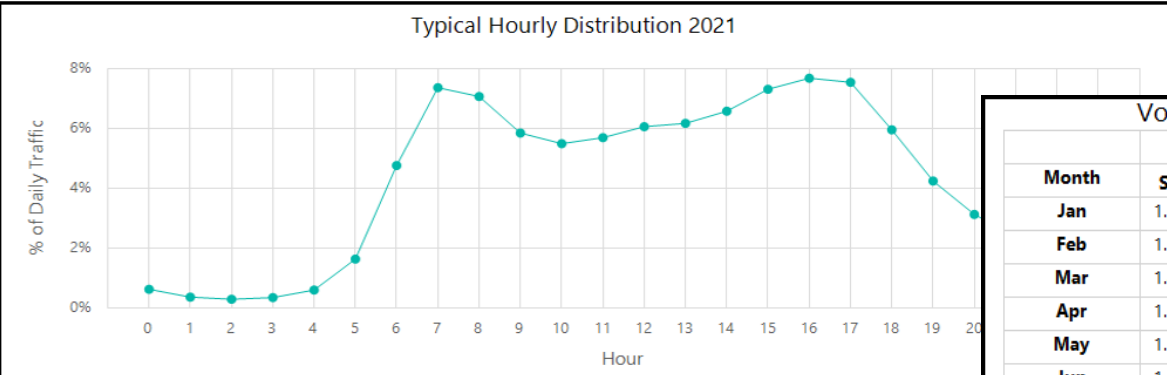
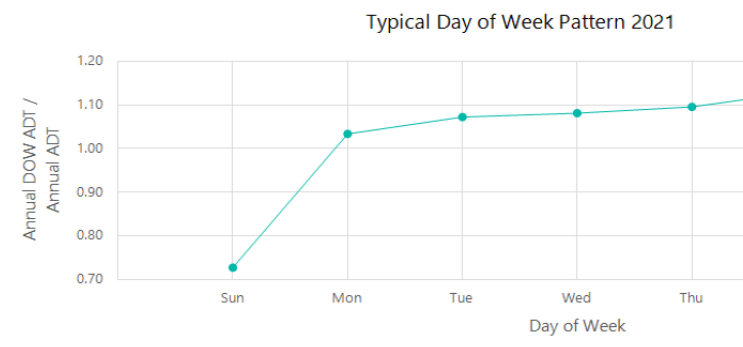
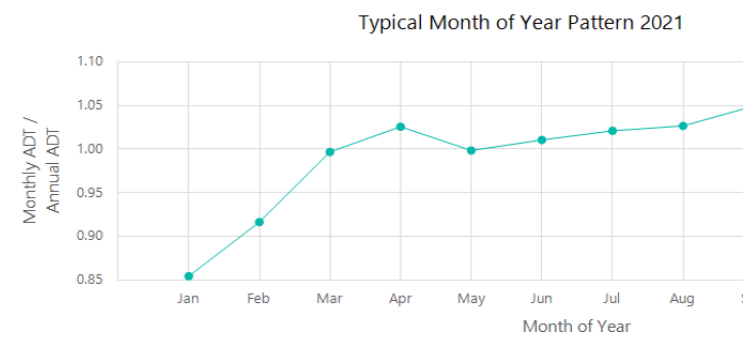
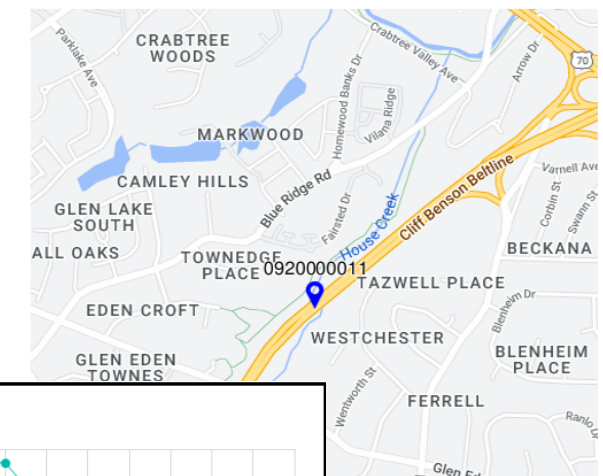


Note: We currently do not have Continuous Class Data but have begun collecting it at this time. Analysis of the class data has not begun. This report will show data at a later date.

Report : Custom > Continuous Count Station – Volume Annual Statistics Report  
 Dates : 1/1/2021 - 12/31/2021  
 Delivery :  Immediately  Submit Job (long running reports)  
 Recurring :  Yes, schedule recurring report generation

Locations Reports Options Output

Choose Dates \* Required Fields  
 Time Span :   
 \* Start Date :   
 \* End Date :



### Volume Seasonal Factors 2021

Month	Day of Week						
	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Jan	1.682	1.099	1.054	1.047	1.026	0.989	1.320
Feb	1.545	1.068	1.000	0.981	0.987	0.980	1.245
Mar	1.406	0.984	0.960	0.927	0.902	0.886	1.119
Apr	1.330	0.951	0.912	0.896	0.890	0.861	1.127
May	1.339	0.955	0.905	0.913	0.900	0.879	1.093
Jun	1.334	0.913	0.873	0.889	0.865	0.856	1.054
Jul	1.337	0.911	0.886	0.876	0.862	0.850	1.073
Aug	1.344	0.917	0.893	0.884	0.872	0.857	1.119
Sep	1.279	0.909	0.897	0.901	0.866	0.858	1.062
Oct	1.218	0.895	0.858	0.857	0.843	0.829	1.065
Nov	1.322	0.925	0.896	0.898	1.002	0.842	1.041
Dec	1.347	0.910	0.894	0.876	0.849	0.830	1.036

N/A = No data was available to calculate the seasonal factor for this day of week  
 Note - If a station is missing many days, the statistics and factors generated in this report may not be suitable for use in other applications. Contact the Traffic Survey Group if you have questions about this station

Categories are broken up into different sections

Seasonal And Axle Factor Group  
Criteria: Type = I-SECTION, County = Wake

1-Way or 2-Way

County: Wake		Category: VOLUME					
Location ID	Located On	Location Description	Direction	Rnd AADT	Latest AADT Year	AF Group	SF Group
0920000083	Bud Smith Rd	NORTH OF SR 1909	2-WAY	3,800	2015	99	
0920000084	NC 55 E Williams St	NORTH OF SR 1444 Lufkin Rd	2-WAY	47,000	2021	95	1
0920000085	SR 1381 Yates Mill Pond Rd	WEST OF SR 1379 Penny Rd	2-WAY	3,400	2021	99	1
0920000086	Dillard Dr	EAST OF SR 1313 WALNUT ST	2-WAY	12,000	2017	99	
0920000087	SR 2555 Auburn Knightdale Rd	NORTH OF SR 2542 Rock Quarry Rd	2-WAY	4,300	2021	99	1
0920000088	Aviation Pkwy	NORTH OF I-540	2-WAY	19,000	2017	99	
0920000089	SR 5220 Jones Sausage Rd	NORTH OF US 70	2-WAY	17,000	2021	94	1
0920000090	SR 3112 NW Cary Pkwy	EAST OF SR 1615 High House Rd	2-WAY	21,000	2021	98	1
0920000091	SR 5756 Harris Rd	EAST OF SR 1932 W Oak Ave	2-WAY	4,700	2021	99	1
0920000092	US 1 ALT S Main St	SOUTH OF SR 5113 FORESTVILLE RD	2-WAY	18,000	2021	97	4
0920000093	SR 3112 NW Cary Pkwy	NORTH OF Olde Weatherstone Way	2-WAY	21,000	2021	98	1

Blank - See Note

Axle Factor Group

Seasonal Factor Group (ATR Group)

- When exported into Excel, each category will have a labeled tab
- VC & MC will have a line for each SF and AF Group. SF is assigned; AF Group shown is what is calculated from the count.
- Volume will only show SF Group if it has been collected since 2018. If it is blank, it has not been successfully collected since 2018.

# Seasonal And Axle Factor Group Report

Report : Custom > Short Term Class

Dates : 1/1/2021 - 12/31/2021

Delivery :  Immediately  Submit Job (long running report)

Recurring :  Yes, schedule recurring report generation

Go

Locations Reports Options Output

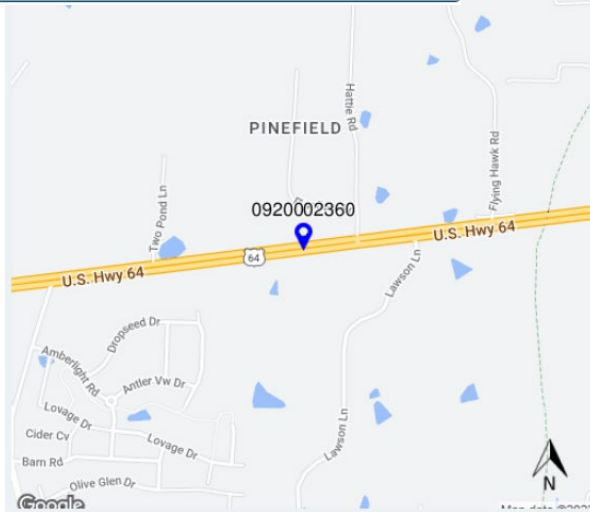
Choose Dates

Time Span : 2021

\* Start Date : 1/1/2021

\* End Date : 12/31/2021

You must know the year that the VC count was taken. Multiple years within a search means multiple runs of this report.



Location ID: 0920002360

County: Wake

Location: US 64 Hwy W WEST OF SR 3115

Station AADT Statistics

	Passenger Vehicles			Single Unit Truck			TTST			Multi Unit Truck			
	Motor Cycle	Car	Pickup	Bus	2A SU	3A SU	>3A SU	<5A 2U	5A SU	>5A 2U	<6A >2U	6A >2U	>6A >2U
AADT	180	17,844	6,426	256	1,415	243	26	519	399	18	2	2	1
AADT %	0.7	65.3	23.5	0.9	5.2	0.9	0.1	1.9	1.5	0.1	0.0	0.0	0.0

Annualized Class Statistics

Passenger Vehicle AADT	Single Unit Truck AADT	Multi Unit Truck AADT	AADT
24,450	1,940	941	27,331
89.5	7.1	3.4	

Station Peak Hour Statistics

Period	Starting	Volume	K Factor	D Factor
AM	7:00	2,105	7.7%	54%
Mid	14:00	1,812	6.6%	51%
PM	17:00	2,392	8.8%	54%

Monday, March 22, 2021

Day 1 and Day 2 show hourly totals by classes and combined hourly total.

Time	Passenger Vehicles			Single Unit Truck			TTST			Multi Unit Truck			Other (*)	Passenger Vehicle Total	Single Unit Truck Total	Multi Unit Truck Total	Hourly Total	
	Motor Cycle	Car	Pickup	Bus	2A SU	3A SU	>3A SU	<5A 2U	5A SU	>5A 2U	<6A >2U	6A >2U						>6A >2U
0:00	0	48	10	2	4	0	0	5	2	0	0	0	0	0	58	6	7	71
1:00	2	32	4	3	0	1	0	1	5	0	0	0	0	0	38	4	6	48
2:00	1	23	7	3	4	0	0	2	8	0	0	0	0	0	31	7	10	48
3:00	1	33	13	1	6	3	0	4	5	0	0	0	0	0	47	10	9	66
4:00	1	76	25	3	14	4	0	5	12	0	0	0	0	0	102	21	17	140
5:00	4	228	99	7	31	5	0	9	16	0	0	0	0	0	331	43	25	399
6:00	18	756	333	12	79	20	1	33	28	0	0	2	0	0	1,107	112	63	1,282
7:00	9	1,216	466	21	132	23	2	65	36	2	0	0	0	2	1,691	178	103	1,973
8:00	13	1,255	502	22	157	23	3	70	46	3	0	0	0	0	1,770	205	119	2,094
9:00	20	975	399	26	117	34	5	52	38	4	0	0	0	0	1,394	182	94	1,670
10:00	7	892	351	24	129	18	3	44	36	2	0	0	0	0	1,250	174	82	1,506
11:00	7	982	388	21	101	21	5	55	46	2	0	0	0	0	1,377	148	103	1,628
12:00	9	1,063	397	22	125	20	4	55	39	0	0	0	0	0	1,469	171	94	1,734
13:00	5	1,108	376	23	106	23	3	41	35	2	0	0	1	0	1,489	155	79	1,723
14:00	12	1,144	414	25	97	18	4	46	50	2	0	0	0	0	1,570	144	98	1,812
15:00	6	1,296	406	16	108	14	4	54	29	2	0	0	0	0	1,708	142	85	1,935
16:00	11	1,558	480	22	116	19	2	31	27	1	0	0	0	0	2,049	159	59	2,267
17:00	12	1,696	469	8	124	17	2	38	11	0	0	0	0	0	2,177	151	49	2,377
18:00	6	1,054	356	10	95	6	1	33	9	0	0	0	0	0	1,416	112	42	1,570
19:00	4	798	223	1	55	4	1	22	9	0	0	0	0	0	1,025	61	31	1,117
20:00	5	539	130	2	18	8	0	8	7	0	1	0	0	0	674	28	16	718
21:00	6	326	64	0	13	5	0	5	6	0	0	1	0	0	396	18	12	426
22:00	5	193	39	0	5	6	0	3	5	0	1	0	0	0	237	11	9	257
23:00	2	112	17	1	6	0	0	2	1	0	0	0	0	0	131	7	3	141
Total	166	17,403	5,968	275	1,642	292	40	683	506	20	2	3	1	2	23,537	2,249	1,215	27,002
Total %	0.6	64.5	22.1	1.0	6.1	1.1	0.1	2.5	1.9	0.1	0.0	0.0	0.0	0.0	87.2	8.3	4.5	

(\*) Other are for vehicles that cannot be classified and are not part of the total value.

# Short Term Class

Go

Locations Reports Options Output

Choose Dates

\* Required Fields

Time Span :

\* Start Date :

\* End Date :

Station Information		Count Information			Factor Groups			AADT Statistics				AWDT Statistics				Month
Location ID	Located On	Type	Year	Month	SF	AF	SCF	PV	SU	MU	AADT	PV	SU	MU	AWDT	Month
0920002360	US 64 Hwy W WEST OF SR 3115	Class	2021	Mar	1	94	SU3-MU3	24,450	1,940	941	27,331	25,676	2,413	1,236	29,325	Apr
0920002363	US 1 Capital Blvd SOUTH OF NC 98	Class	2021	Mar	1	94	SU3-MU3	45,666	2,732	1,481	49,879	48,175	3,398	1,945	53,518	Apr

Choose Dates

Time Span :

\* Start Date :

\* End Date :

Change the date range if you want to see a different month of statistics

Compare the Difference

Station Information		Count Information			Factor Groups			AADT Statistics				AWDT Statistics				Month
Location ID	Located On	Type	Year	Month	SF	AF	SCF	PV	SU	MU	AADT	PV	SU	MU	AWDT	Month
0920002360	US 64 Hwy W WEST OF SR 3115	Class	2021	Mar	1	94	SU3-MU3	24,450	1,940	941	27,331	25,715	2,528	1,240	29,483	Oct
0920002363	US 1 Capital Blvd SOUTH OF NC 98	Class	2021	Mar	1	94	SU3-MU3	45,666	2,732	1,481	49,879	48,296	3,560	1,951	53,807	Oct

Report : Custom > Short Term Count – Average Hourly Distributions

Dates : 1/1/2021 - 12/31/2021

Delivery :  Immediately  Submit Job (long running reports)

Recurring :  Yes, schedule recurring report generation

Go

Locations Reports Options Output

Choose Dates  
 Time Span : 2021  
 \* Start Date : 1/1/2021  
 \* End Date : 12/31/2021

Station		Average Hourly Distributions																							
Location ID	Type	H0	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12	H13	H14	H15	H16	H17	H18	H19	H20	H21	H22	H23
0920002360	MU	0.007	0.003	0.008	0.006	0.016	0.022	0.048	0.091	0.101	0.083	0.070	0.078	0.072	0.061	0.070	0.066	0.058	0.045	0.037	0.027	0.012	0.009	0.007	0.002
0920002360	PV	0.002	0.001	0.001	0.002	0.004	0.014	0.049	0.075	0.074	0.058	0.054	0.057	0.062	0.061	0.066	0.073	0.087	0.093	0.064	0.042	0.029	0.017	0.010	0.005
0920002360	SU	0.002	0.002	0.004	0.004	0.009	0.018	0.052	0.072	0.084	0.085	0.073	0.065	0.075	0.070	0.070	0.060	0.079	0.065	0.053	0.026	0.014	0.008	0.005	0.003
0920002360	TOTAL	0.003	0.002	0.002	0.002	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
0920002363	MU	0.005	0.003	0.002	0.003	0.008	0.011	0.011	0.017	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022
0920002363	PV	0.005	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
0920002363	SU	0.003	0.002	0.003	0.004	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
0920002363	TOTAL	0.005	0.003	0.003	0.004	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
0920002374	MU	0.012	0.014	0.014	0.024	0.025	0.037	0.046	0.074	0.071	0.086	0.071	0.064	0.063	0.056	0.048	0.055	0.044	0.047	0.031	0.022	0.019	0.032	0.029	0.016
0920002374	PV	0.007	0.004	0.004	0.005	0.008	0.025	0.054	0.065	0.047	0.042	0.049	0.051	0.055	0.060	0.063	0.076	0.089	0.101	0.075	0.042	0.031	0.022	0.016	0.011
0920002374	SU	0.005	0.008	0.009	0.012	0.014	0.034	0.061	0.063	0.058	0.053	0.067	0.072	0.070	0.063	0.064	0.074	0.076	0.078	0.047	0.027	0.016	0.013	0.009	0.008
0920002374	TOTAL	0.007	0.005	0.005	0.006	0.009	0.026	0.055	0.065	0.049	0.045	0.051	0.053	0.056	0.060	0.062	0.075	0.085	0.096	0.071	0.040	0.029	0.021	0.016	0.011

VC & MC stations show PV, SU, MU and Total

Station		Average Hourly Distributions																							
Location ID	Type	H0	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12	H13	H14	H15	H16	H17	H18	H19	H20	H21	H22	H23
0920000084	TOTAL	0.004	0.002	0.002	0.002	0.007	0.020	0.054	0.068	0.067	0.057	0.054	0.057	0.061	0.060	0.062	0.073	0.077	0.078	0.063	0.047	0.036	0.025	0.014	0.009
0920000085	TOTAL	0.002	0.001	0.000	0.000	0.002	0.007	0.038	0.090	0.085	0.069	0.054	0.060	0.065	0.063	0.066	0.078	0.089	0.090	0.064	0.033	0.019	0.013	0.008	0.003
0920000087	TOTAL	0.002	0.002	0.002	0.003	0.004	0.020	0.060	0.078	0.061	0.050	0.049	0.050	0.059	0.055	0.060	0.080	0.100	0.102	0.072	0.039	0.029	0.015	0.006	0.004
0920000089	TOTAL	0.008	0.005	0.004	0.003	0.007	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014
0920000090	TOTAL	0.002	0.001	0.001	0.001	0.003	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
0920000091	TOTAL	0.004	0.001	0.001	0.001	0.004	0.010	0.034	0.086	0.083	0.055	0.043	0.051	0.056	0.055	0.072	0.090	0.070	0.076	0.074	0.056	0.039	0.022	0.012	0.006

Volume stations only show Total

# Short Term Count – Average Hourly Distribution

Report : Custom > Top 25 AADT List  
 Dates : 1/1/2021 - 12/31/2021  
 Delivery :  Immediately  Submit Job (long running reports)  
 Recurring :  Yes, schedule recurring report generation

**Go**

Locations Reports Options Output

Choose Dates  
 Time Span : 2021  
 \* Start Date : 1/1/2021  
 \* End Date : 12/31/2021

Select the year you want to see

Required Fields

- Can run this report on any station query – this was run on all 55,000+ stations across the state
- Each route will only appear once on the list so the top 25 stations will not all be by 1 interstate route

# Top 25 AADT List

NCDOT  
**Top 25 Annual Average Daily Traffic Volumes**  
 Year: 2021  
 Criteria: -

County	Route	Location Id	Location Description	AADT
Mecklenburg	I 85	0600000858	BETWEEN EXIT 39 AND EXIT 40	184,360
Wake	I 40	0920002364	EAST OF SR 1652 N HARRISON AVE	176,858
Mecklenburg	I 77	0600000067	BETWEEN EXIT 11 AND EXIT 12	153,464
Wake	I 440	0920000351	BETWEEN EXIT 7 AND EXIT 8	139,708
Mecklenburg	I 485	0600000850	BETWEEN EXIT 64 AND EXIT 65	135,810
Wake	US 1	0920001036	BETWEEN EXIT 101 AND I-40	135,399
Mecklenburg	I 277	0600000224	BETWEEN EXIT 4 AND EXIT 5	123,418
Wake	I 87	0920000662	BETWEEN EXIT 14 AND EXIT 15	114,445
Mecklenburg	US 74	0600000308	WEST OF BRIAR CREEK RD	107,880
Wake	I 540	0920002425	EAST OF US 70	100,893
Forsyth	US 52	0340001746	BETWEEN US 421 (EXIT 109A) AND MARTIN LUTHER KING JR BLVD (EXIT 110B)	93,866
Buncombe	I 240	0110000606	BETWEEN EXIT 3 AND EXIT 4	90,941
Buncombe	I 26	0110000545	BETWEEN EXIT 31 AND EXIT 33	85,210
Wake	SR 1728	0920000761	BETWEEN I-40 AND Edwards Mill Rd	82,365
Durham	NC 147	0320000067	BETWEEN EXIT 11 AND EXIT 12A	75,319

# Ad-Hoc Reports:

When an off the shelf report just won't do, you can build and save your own report.

Select as many attributes as you would like from this list

You can name the report and save it if you'll be using it often

The screenshot shows the 'AD-HOC REPORT FIELD SELECTION' interface. At the top, there are logos for the North Carolina Department of Transportation and MS2, along with navigation links for TCDS, Help, Refresh, and Support. The interface includes a 'Home' and 'Back' button. Below the title, there is a description: 'Select the fields for each column of the ad-hoc report. The report columns order will be the same order as these selected fields (top to bottom).' It also shows 'Current Search Options:'. The main area is divided into three columns: 'Available Fields', 'Add/Remove', and 'Selected Fields'. The 'Available Fields' list includes: UAB Name, Volume Count Owner, Volume Count Start Date, Volume Count Total, Weight Calibration, Weight Method, Weight Type, WIM Count Status, WIM Group, WIM Group Year, WIM Start Date, Wim Station, Zone, Zone Flow, and Volume Count Status. The 'Add/Remove' column contains buttons for 'Add Selected', 'Remove Selected', 'From Date', and 'To Date'. The 'Selected Fields' column contains: Location ID, County, Located On, Approach, and Crossroad. At the bottom, there is a '- Select Sort Field -' dropdown, an 'Include Children' checkbox, a 'Report Name:' text input field, and buttons for 'Save This Report', 'Display This Report', and 'List Saved Reports'.

Add/Remove

These are the fields that you will most commonly use to get the basic station location data



# 6. Exports

If you have run a search and have a list of stations queried:

Home TMC TCLS TTDS PMS PMDS RSMS NMDS WOTS RTTV

Login + Locate + Locate All Email This

Auto-Locate OFF

List View All DIRs Report Center

Record 1 of 1168 Goto Record go

Location ID	0920000084	MPO ID	
Type	SPOT	HPMS ID	
On NHS	No	On HPMS	No
LRS ID	30000055092	LRS Loc Pt.	16.11409
SF Group	1	Route Type	NC

Click to see a list of the stations with limited information

Takes you back to the previous page

Back

Search Criteria  
Form View Export XLS

Export to see all the stations with extended data

1168 Records Found

Loc ID	County	Community	On	From	To	At	Dir	Latest
0920000084	Wake	-	E Williams St			SR 1444 Lufkin Rd	2-WAY	47883
0920000085	Wake	-	Yates Mill Pond Rd			SR 1379	2-WAY	3653
0920000087	Wake	-	Auburn Knightdale Rd			SR 2542	2-WAY	3748
0920000088	Wake	-	Aviation Pkwy			I-540	2-WAY	19577
0920000089	Wake	-	Jones Sausage Rd			US 70	2-WAY	15698
0920000090	Wake	-	NW Cary Pkwy			SR 1615 High House Rd	2-WAY	27203
0920000091	Wake	-	Harris Rd			SR 1932	2-WAY	4523
0920000092	Wake	-	S Main St			SR 5113 FORESTVILLE RD	2-WAY	18752
0920000093	Wake	-	NW Cary Pkwy			NC 54	2-WAY	20270
0920000095	Wake	-	Forestville Rd			SR 2228	2-WAY	3802
0920000096	Wake	-	Vandora Springs Rd			SR 2812	2-WAY	5974
0920000097	Wake	-	Holly Springs Rd			SR 1319	2-WAY	21625
0920000098	Wake	-	S New Hope Rd			SR 1007 POOLE RD	2-WAY	16350
0920000100	Wake	-	Holly Springs Rd			SR 1009 TRYON RD	2-WAY	14575
0920000101	Wake	-	Timber Dr			SR 2720	2-WAY	21392
0920000102	Wake	-	Edwards Mill Rd			SR 1656 TRINITY RD	2-WAY	16063
0920000103	Wake	-	Walden St			SR 1300 Kildaire	2-WAY	0256


# Exporting from Station List

# Exported Data

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1																			
2																			
3																			
4	Search Criteria																		
5																			
6	Count Date >= 1/1/2019																		
7	Count Date <= 12/31/2019																		
8	Category IN VOLUME,VC,MC																		
9	County = Wake																		
10	Active = 1																		
11																			
12																			
13																			
14																			
15	Loc ID	County	Community	Functional Class	Rural Urban	On	From	To	Approach	At	Dir	Directions	Category	LRS ID	LRS Loc Pt	Latitude	Longitude	Latest	Latest Date
16	092000008	Wake	-	PA-Other	U	E Williams St			NORTH OF	SR 1444 Lufkin Rd	2-WAY	NB/SB	VOLUME	3E+10	16.11409	35.71284	-78.83936	47883	1/1/2019
17	092000008	Wake	-	Major Collector	U	Yates Mill Pond Rd			WEST OF	SR 1379	2-WAY		VOLUME	4.0001E+10	0.141856	35.71618	-78.68959	3653	1/1/2019
18	092000008	Wake	-	Major Collector	U	Auburn Knightdale Rd			NORTH OF	SR 2542	2-WAY		VOLUME	4.0003E+10	3.892144	35.70416	-78.53286	3748	1/1/2019
19	092000008	Wake	-	Local	U	Aviation Pkwy			NORTH OF	I-540	2-WAY	NB/SB	VOLUME	4.0003E+10	0.171011	35.9004	-78.812	19577	1/1/2018
20	092000008	Wake	-	Minor Arterial	U	Jones Sausage Rd			NORTH OF	US 70	2-WAY	NB/SB	VOLUME	4.0005E+10	0.105837	35.69787	-78.58449	15698	1/1/2019
21	092000009	Wake	-	Minor Arterial	U	NW Cary Pkwy			EAST OF	SR 1615 High House Rd	2-WAY	NB/SB	VOLUME	4.0003E+10	4.272747	35.79041	-78.82681	27203	1/1/2019
22	092000009	Wake	-	Major Collector	U	Harris Rd			EAST OF	SR 1932	2-WAY		VOLUME	4.0006E+10	0.096968	35.9959	-78.51023	4523	1/1/2019
23	092000009	Wake	-	Major Collector	U	S Main St			SOUTH OF	SR 5113 FORESTVILLE RD	2-WAY		VOLUME	2.1E+10	1.563279	35.960627	-78.51898	18752	1/1/2019
24	092000009	Wake	-	Minor Arterial	U	NW Cary Pkwy			NORTH OF	NC 54	2-WAY	NB/SB	VOLUME	4.0003E+10	3.627895	35.7955	-78.81811	20270	1/1/2018
25	092000009	Wake	-	Minor Arterial	U	Forestville Rd			WEST OF	SR 2228	2-WAY		VOLUME	4.0002E+10	10.47257	35.80978	-78.48957	3802	1/1/2019
26	092000009	Wake	-	Minor Arterial	U	Vandora Springs Rd			EAST OF	SR 2812	2-WAY		VOLUME	4.0003E+10	0.753643	35.69363	-78.63481	5974	1/1/2019
27	092000009	Wake	-	Minor Arterial	U	Holly Springs Rd			SOUTH OF	SR 1319	2-WAY	NB/SB	VOLUME	4.0001E+10	0.256772	35.74214	-78.74201	21625	1/1/2019
28	092000009	Wake	-	Minor Arterial	U	S New Hope Rd			SOUTH OF	SR 1007 POOLE RD	2-WAY	NB/SB	VOLUME	4.0003E+10	2.506311	35.76407	-78.56006	16350	1/1/2019
29	092000010	Wake	-	Minor Arterial	U	Holly Springs Rd			SOUTH OF	SR 1009 TRYON RD	2-WAY	NB/SB	VOLUME	4.0001E+10	0.047623	35.74494	-78.74065	14575	1/1/2019
30	092000010	Wake	-	Minor Arterial	U	Timber Dr			SOUTH OF	SR 2720	2-WAY	NB/SB	VOLUME	4.0003E+10	0.783984	35.70804	-78.64157	21392	1/1/2019
31	092000010	Wake	-	Minor Arterial	U	Edwards Mill Rd			NORTH OF	SR 1656 TRINITY RD	2-WAY	NB/SB	VOLUME	4.0003E+10	3.987495	35.80077	-78.7269	16063	1/1/2019
32	092000010	Wake	-	Minor Arterial	U	Walnut St			EAST OF	SR 1300 Kildaire Farm Rd	2-WAY		VOLUME	5.0001E+10	0.041799	35.7825	-78.77968	9256	1/1/2019
33	092000010	Wake	-	Major Collector	U	Lake Boone Trl			WEST OF	STILLWATER DR	2-WAY	NB/SB	VOLUME	5.0001E+10	1.008972	35.81588	-78.68759	10240	1/1/2019
34	092000010	Wake	-	PA-Other	U	Wade Ave			EAST OF	CANTERBURY RD	2-WAY	NB/SB	VOLUME	4.0002E+10	1.424372	35.80047	-78.66878	33690	1/1/2019
35	092000010	Wake	-	Local	U	Lumley Rd			NORTH OF	I-540	2-WAY	NB/SB	VOLUME	4.0002E+10	0.204125	35.89999	-78.78782	19600	1/1/2019
36	092000010	Wake	-	Minor Arterial	U	Jones Sausage Rd			EAST OF	I-40	2-WAY	NB/SB	VOLUME	4.0005E+10	2.217312	35.72443	-78.58205	25383	1/1/2019

Locations Reports Options Output

1 of 2 Find | Next



**NCDOT**  
 Most Recent 48 Hour Count for Year  
 Criteria: Location ID =

**Location ID:** 0920000084  
**County:** Wake  
**Location:** NC 55 E Williams St NORTH OF SR 1444 Lufkin R

**Monday, August 23, 2021**

Time	NB Hourly	SB Hourly	2-WAY Hourly
0:00-1:00	110	146	256
1:00-2:00	67	89	156
2:00-3:00	112	66	178

**Tuesday, August 24, 2021**

Time	NB Hourly	SB Hourly	2-WAY Hourly
0:00-1:00	0	160	160
1:00-2:00	0	89	89
2:00-3:00	0	67	67

Excel  
 PowerPoint  
 PDF  
 TIFF file  
 CSV (comma delimited)

Excel Exports are Recommended

# Exporting from Report Center

# 7. Project Specific

WHICH ONES SHOULD YOU USE?

Before requesting counts:

- Review the existing stations in TCDS
- Verify the collection cycle for all existing stations
- Create/Run the report to capture needed information for the Request Form
- Identify where additional count locations need to be collected

Communication between you and the Traffic Analysis Supervisor is welcome at any point in the process. If you have questions or need assistance in selecting a report, determining station locations, etc., please do not hesitate to contact us.

## Steps for Preparing to Request Project Counts:

1. Query the list of existing stations that you want collected
  - a. This should include all Categories of stations
  - b. Save your query so you can easily reload the search later
2. Go to AD-HOC Reports
3. Select the following attributes from Available Fields: Location ID, County, Category, Located On, Approach, Crossroad, Collection Cycle
4. If this is the first time you have created this report, enter a Report Name and save this report as Project Request Report (this is the information that will always be required when requesting counts)
5. Run the Project Request Report for your queried stations
6. Save the resulting Excel document

[Home](#) [Back](#)

### AD-HOC REPORT FIELD SELECTION

Select the fields for each column of the ad-hoc report. The report columns order will be the same order as these selected fields (top to bottom).

Current Search Options:

Available Fields		Selected Fields
<ul style="list-style-type: none"><li>Class Method</li><li>Class Type</li><li>Collection Area</li><li>Collection Group</li><li>Community</li><li>Concurrent Route Type</li><li>Control Section</li><li>Control Section Mp</li><li>Corridor Number</li><li>Count Cycle</li><li>Count Latitude</li><li>Count Longitude</li><li>Counting Method</li><li>D Factor</li><li>Data Retrieval</li></ul>	<p><input type="button" value="Add Selected"/></p> <p><input type="button" value="Remove Selected"/></p> <p><input type="button" value="From Date"/></p> <p><input type="button" value="To Date"/></p>	<ul style="list-style-type: none"><li>Location ID</li><li>County</li><li>Category</li><li>Located On</li><li>Approach</li><li>Crossroad</li><li>Collection Cycle</li></ul>

- Select Sort Field -

Include Children

Report Name:

This is the data that needs to be provided to TSG for existing stations that you would like collected.



Filling Out the Request Template: There are several tabs to this request form.

Existing Stations is the easiest to fill out – these are stations exist already and are already set up as the Category that you are requesting.

	A	B	C	D	E	F	G	H
	Location ID	County	Category	Located On	Approach	Crossroad	Collection Cycle	Comments
1	0130000675	Cabarrus	VC	NC 49	WEST OF	SR 1173 Caldwell Rd	1	
2	0230000733	Cleveland	MC	US 74	EAST OF	NC 216	3	
3								
4								
5								
6								
7								
8								
9								

Info on how to fill out the Existing Stations Tab

Existing Stations

Existing Volume – Need Class tab is for any existing volume stations that you need collected as class. You will provide the information for the existing volume stations, and we will create the new Project Class station.

	A	B	C	D	E	F	G	H	
	Location ID (Existing)	County	Category (Existing)	Located On	Approach	Crossroad	Category (Needed)	New Project Location ID	Comments
1	0360000285	Gaston	Volume	County Line Road	West of	Cross Road	Class		
2	0490000218	Iredell	Volume	Pisgah Church Road	North of	Harris Bridge Road	Class		
3									
4									
5									
6									
7									
8									
9									

Info on how to fill out the Existing Volume - Need Class Tab

Existing Volume - Need Class

New Project Stations tab is for any count that is not located at or near a typical coverage station.

Additional information will be needed to ensure the station is created at the correct location. Please be sure to include the Lat and Long for each station and a clear location description. TSG may contact you if a station point needs to be shifted due to safety concerns for field teams.

	A	B	C	D	E	F	G	H	I
1	County	Category	Located On	Approach	Crossroad	Lat	Long	New Project Location ID	Comments
2	Iredell	Class	Old Mocksville Rd	SOUTH OF	SR 2171 Jane Sowers Rd	35.84104	-80.8292		
3	Iredell	Class	Mountain View Rd	WEST OF	SR 1611 Love Valley Rd	35.97266	-80.99456		
4									
5									
6									
7									
8									
9									

Existing Station Report Info | Existing Volume - Need Class | Need Class Info | **New Project Stations** | +

When finished, email the Request Template to the TSG Analysis Supervisor.

# Questions?

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For questions, please contact:  
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[jlviaera@ncdot.gov](mailto:jlviaera@ncdot.gov)