2009
Virginia Department of Transportation
Daily Traffic Volume Estimates
Including Vehicle Classification Estimates

where available

Special Locality Report
265

Town of Mount Jackson

Information in this report is included in Report

85

(Shenandoah County)

Prepared By

Virginia Department of Transportation
Traffic Engineering Division

In Cooperation With

U.S. Department of Transportation
Federal Highway Administration

Virginia Department of Transportation
Traffic Engineering Division
Traffic Monitoring Section

The Virginia Department of Transportation (VDOT) conducts a program where traffic count data are gathered from sensors in or along streets and highways and other sources. From these data, estimates of the average number of vehicles that traveled each segment of road are calculated. VDOT periodically publishes booklets listing these estimates.

One of these booklets, titled "Average Daily Traffic Volumes with Vehicle Classification Data, on Interstate, Arterial and Primary Routes" includes a list of each Interstate and Primary highway segment with the estimated Annual Average Daily Traffic (AADT) for that segment. AADT is the total annual traffic estimate divided by the number of days in the year. This booklet also includes information such as estimates of the percentage of the AADT made up by 6 different vehicle types, ranging from cars to double trailer trucks; estimated Annual Average Weekday Traffic (AAWDT), which is the number of vehicles estimated to have traveled the segment of highway during a 24 hour weekday averaged over the year; as well as Peak Hour and Peak Direction factors used by planners to formulate design criteria.

In addition to the Primary and Interstate publication, one hundred books are published periodically, one for each of 100 areas across the state defined by VDOT for record-keeping purposes. These books include traffic volume estimates for roads within the county, cities, and towns within the area. These books are titled "Daily Traffic Volumes Including Vehicle Classification Estimates, where available; Jurisdiction Report numbers 00 through 99".

Also available are a number of reports summarizing the average Vehicle Miles Traveled (VMT) in selected jurisdictions and other categories of highways. There are many different ways to present traffic volume summary information. Because the user determines the value of each presentation, the reports have been redesigned based on user requests and feedback. The people of the VDOT Traffic Engineering Division Traffic Monitoring Section who produce these books welcome requests for other helpful ways of presenting the summary information.

A compact disc (CD) is available that includes files in the Adobe® Portable Document Format (PDF) that can be displayed, searched, and printed using common desktop computer equipment. The CD includes the publications described above as well as a number of other reports, including specialized VMT summaries and smaller AADT reports for each city and town separately.

Publication Notes

Parallel Roads

For road inventory and management purposes, some roadways are counted separately by direction and have separately published traffic estimates for each direction of travel. Examples of such roadways are the interstate system and routes with separated facilities and (usually) one-way traffic facilities in urban areas. In these publications, they are referred to as parallel roads. As a convenience for the users of the publication, the listing for segments of roads with parallel segments are published with both the traffic estimates for their own direction of travel (e.g. I-95 Northbound) as well as the estimate of the total of all traffic on the same route including parallel roadways (all directions of I-95). The publication will have a "Combined Traffic Estimates for Parallel Roadways on this Route" or "Combined Traffic" identifiers for the combined direction of travel estimates.

Roadways such as I-395 with a North segment, a South segment and a separate Reversible lane segment will have the estimate for more than two parallel roadways included in the entire combined traffic estimate.

Some routes have very complicated paths through cities and towns. These parallel paths may be too complex to allow a relationship between nearby sections of the opposite direction on the same route. In this case, to indicate that the traffic estimates for such a road segment may not include all directions of traffic on that route, the line that would list the combined values will indicate "NA" for not available.

VDOT's traffic monitoring program includes more than 100,000 segments of roads and highways ranging from several mile sections of Interstate highways to very short sections of city streets. Due to problems experienced obtaining some traffic count data, and the level of quality necessary to maintain confidence in the data, no estimate is currently available for some segments of roadway. These segments are included in the publications indicating "NA" for not available. It is the intention of the VDOT Traffic Engineering Division Traffic Monitoring group to obtain the data necessary and to report traffic volume estimates on all road segments included in these publications.

Many of the road segments in this program are local secondary roads. The amount and detail of data collected on these roads are not as great as the data collected on higher volume roads. The vehicle classification, average weekday traffic volumes, and the theoretical design hour traffic volumes are not calculated for these roads. The publications indicate "NA" for the information that is not available.

This publication is based on a traffic monitoring program initiated in 1997. Because the data collection techniques and statistical evaluation processes are different than those used in previous years, comparison with previous publications may be misleading.

Glossary of Terms:

Route: The Route Number assigned to this segment of roadway with the master inventory route number if this is an overlapping route, with official street or highway name if available.

Length: Length of the traffic segment in miles.

AADT: Annual Average Daily Traffic. The estimate of typical daily traffic on a road segment for all days of the week, Sunday through Saturday, over the period of one year.

QA: Quality of AADT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- H Historical Estimate
- M Manual Uncounted Estimate
- N AADT of Similar Neighboring Traffic Link
- O Provided By External Source
- R Raw Traffic Count, Unfactored

4Tire: Percentage of the traffic volume made up of motorcycles, passenger cars, vans and pickup trucks.

Bus: Percentage of the traffic volume made up of busses.

2Axle Truck: Percentage of the traffic volume made up of 2 axle single unit trucks (not including pickups and vans).

3+Axle Truck: Percentage of the traffic volume made up of single unit trucks with three or more axles.

1Trail Truck: Percentage of the traffic volume made up of units with a single trailer.

2Trail Truck: Percentage of the traffic volume made up of units with more than one trailer.

QC: Quality of Classification Data:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- C Short Term Classified Traffic Count Data
- F Factored Short Term Traffic Count Data
- H Historical Estimate
- M Mass Collective Average
- N Classification Estimates of Similar Neighboring Traffic Link

K Factor: The estimate of the portion of the traffic volume traveling during the peak hour or design hour.

QK: Quality of the K Factor estimate:

- A Factor based on 30th Highest Hour Observed During at least 250 days of Continuous Traffic Data
- B Factor based on other Hour Observed During Less than 250 days of Continuous Traffic Data
- F Factor based on Highest Hour Collected at in a 48 Hour Weekday Period
- M Factor based on Manual Estimate of design hour
- N Design Hour Factor (K Factor) of Similar Neighboring Traffic Link
- O Provided by External Source

Dir Factor: The estimate of the portion of the traffic volume traveling in the peak direction during the peak hour..

AAWDT: Average Annual Weekday Traffic. The estimate of typical traffic over the period of one year for the days between Monday through Thursday inclusive.

QW: Quality of AAWDT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- M Manual Uncounted Estimate
- N AAWDT of Similar Neighboring Traffic Link
- O Provided by External Source

Year: Year for which the published values are appropriate. If the Quality of AADT (QA) is "R", the year is the year that the raw traffic count was collected, and if available,

Route Shield Legend

Route Systems

Interstate Route

Traffic volume data for Interstate Routes and some other routes are reported separately by direction, as well as combined.

US Route

Virginia State Route

Frontage Road (F precedes frontage route number)

Secondary Route

Special Routes

Bus - Business Route
Bypas - Bypass Route
Truck - Truck Route

ALT - Alternate Route
Wye - Wye Route connector

P - Parallel Route; Southbound or Westbound direction lanes of a numbered route where they are on a different road facility than the other direction.

The VDOT Maintainenance Jurisdiction number is displayed below the Secondary Route Number if the Maintenance Jurisdiction is different than the jurisdiction in the title of the report.

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2009
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Town of Mount Jackson

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	Truck 2Axle	Truck 3+Axle	Truck 1Trail	Truck 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW
	From: SCL Mt. Jackson															
11 Main St	Town of Mount Jackson (Maint: 85)	0.72	**4700**	**N**	97%	0%	1%	1%	1%	0%	N	0.092	N		4900	N
	To: SR 263 Orkney Grade															
	From: SR 263 Orkney Grade															
11 Main St	Town of Mount Jackson (Maint: 85)	1.85	**3800**	**G**	97%	0%	1%	1%	1%	0%	F	0.097	F		4000	G
	To: NCL Mt. Jackson															
	From: WCL Mt. Jackson															
263	Town of Mount Jackson (Maint: 85)	0.52	**3200**	**N**	98%	0%	1%	1%	1%	0%	N	0.089	N	0.67	2900	N
	To: US 11															
	From: WCL Mt Jackson															
292 Conicville Rd	Town of Mount Jackson (Maint: 85)	0.23	**9000**	**G**	70%	1%	1%	1%	25%	2%	C	0.077	F		9400	G
	To: US 11 Main St															

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Town of Mount Jackson																
698 85 Orchard Dr	0.29	**780**	**G**	98%	0%	1%	1%	0%	0%	C	0.093	F	0.56	820	G	2009
From: WCL Mt Jackson																
To: SR 263 WEST																
698 85	0.11	**30**	**R**								NA			NA		1999
From: SR 263 EAST																
To: US 11 S, Main St																
698 85 Red Banks Rd	0.19	**730**	**G**	98%	0%	1%	1%	0%	0%	C	0.111	F	0.549	770	G	2009
From: US 11 N, Main St																
To: ECL Mt Jackson																
743 85 Shenandoah St	0.04	**290**	**R**								NA			NA		04/07/2008
From: 85-1328 Railroad St																
To: 85-1329 Second Ave																
743 85 Shenandoah St	0.28	**470**	**R**								NA			NA		1999
From: 85-1329 Second Ave																
To: US 11 Main St																
753 85 Jackson St	0.09	**380**	**R**								NA			NA		05/27/2008
From: 85-1328 Railroad St																
To: 85-1333 Painters St																
753 85 Jackson St	0.06	**390**	**R**								NA			NA		09/27/2005
From: 85-1333 Painters St																
To: 85-1330 First Ave																
753 85 Jackson St	0.10	**560**	**R**								NA			NA		05/27/2008
From: 85-1330 First Ave																
To: US 11 Main St																
790 85 Center St	0.10	**190**	**R**								NA			NA		05/27/2008
From: 85-1320 Moore Ave																
To: 85-1322 Randall St																
790 85 Center St	0.12	**620**	**R**								NA			NA		05/27/2008
From: 85-1322 Randall St																
To: US 11 Main St																
1301 85 Dutch Lane	0.25	**760**	**G**	99%	0%	0%	0%	0%	0%	C	0.122	F	0.511	790	G	2009
From: US 11 Main St																
To: 85-1305 Lonas St																
1301 85 Dutch Lane	0.13	**300**	**R**								NA			NA		05/27/2008
From: 85-1305 Lonas St																
To: Dead End																
1302 85 Shannon Ave	0.08	**30**	**R**								NA			NA		05/27/2008
From: Dead End																
To: 85-1307 Shannon Ave																
1302 85 Shannon Ave	0.06	**180**	**R**								NA			NA		05/27/2008
From: 85-1307 Shannon Ave																
To: US 11 Main St																
1303 85 Tisinger St	0.08	**110**	**R**								NA			NA		05/06/2002
From: 85-1305 Lonas St																
To: 85-1306 Broad St																
1303 85 Tisinger St	0.08	**80**	**R**								NA			NA		1999
From: 85-1306 Broad St																
To: 85-1304 Gospel St																
1304 85 Gospel St	0.36	**450**	**R**								NA			NA		05/27/2008
From: 85-1324 Orkney Dr																
To: 85-1301 Dutch Lane																
1305 85 Lonas St	0.02	**40**	**R**								NA			NA		04/07/2008
From: Dead End																
To: 85-1303 Tisinger St																
1305 85 Lonas St	0.11	**150**	**R**								NA			NA		05/27/2008
From: 85-1303 Tisinger St																
To: 85-1326 Wunder St																
1305 85 Lonas St	0.05	**220**	**R**								NA			NA		1999
From: 85-1326 Wunder St																
To: 85-1332 Swan Dr																
1305 85 Lonas St	0.12	**200**	**R**								NA			NA		05/27/2008
From: 85-1332 Swan Dr																
To: 85-1306 Broad St																
1305 85 Lonas St	0.07	**300**	**R**								NA			NA		1999
From: 85-1306 Broad St																
To: 85-1301 Dutch Lane																

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Town of Mount Jackson																
1306 85 Broad St	0.42	**400**	**R**								NA			NA		05/27/2008
From: 85-1324 Orkney Dr To: 85-1305 Lonas St																
1307 85 Shannon Ave	0.08	**80**	**R**								NA			NA		05/06/2002
From: 85-1302 Shannon Ave To: Dead End																
1308 85 Shenell Dr	0.25	**210**	**R**								NA			NA		05/06/2002
From: US 11 Main St To: End Loop																
1309 85 Apple Ave	0.13	**260**	**R**								NA			NA		1999
From: US 11 Main St To: 85-1310 E, Dogwood Dr																
1310 85 Dogwood Dr	0.09	**47**	**R**								NA			NA		05/27/2008
From: 85-1312 W, Maple Ave To: 85-1309 W, Apple Ave																
1310 85 Dogwood Dr	0.19	**50**	**R**								NA			NA		1999
From: 85-1309 E, Apple Ave To: 85-1312 E, Maple Ave																
1310 85 Dogwood Dr	0.09	**90**	**R**								NA			NA		05/27/2008
From: 85-1312 E, Maple Ave To: 85-1325 Elm Dr																
1310 85 Dogwood Dr	0.05	**140**	**R**								NA			NA		1999
From: 85-1325 Elm Dr To: 85-1316 East Avondale Ave																
1310 85 Dogwood Dr	0.07	**100**	**R**								NA			NA		05/27/2008
From: Dead End To: 0.10 MN Dead End																
1311 85 Montvue Ave	0.10	**130**	**R**								NA			NA		05/06/2002
From: 0.10 MN Dead End To: US 11 Main St																
1311 85 Montvue Ave	0.09	**130**	**R**								NA			NA		05/06/2002
From: US 11 Main St To: 85-1310 W, Dogwood Dr																
1312 85 Maple Ave	0.07	**220**	**R**								NA			NA		09/27/2005
From: 85-1310 W, Dogwood Dr To: 85-1310 E, Dogwood Dr																
1312 85 Maple Ave	0.06	**200**	**R**								NA			NA		05/27/2008
From: 85-1310 E, Dogwood Dr To: ECL Mount Jackson																
1312 85 Maple Ave	0.03	**80**	**R**								NA			NA		05/27/2008
From: 85-1314 Nelson St To: Dead End																
1313 85 Hopewell Ave	0.12	**80**	**R**								NA			NA		1999
From: Dead End To: 85-1313 Hopewell Ave																
1314 85 Nelson St	0.13	**110**	**R**								NA			NA		05/27/2008
From: 85-1313 Hopewell Ave To: US 11 Main St																
1314 85 Nelson St	0.21	**410**	**R**								NA			NA		1999
From: Dead End To: 85-698 Orchard Dr																
1315 85 Mill Creek Lane	0.15	**46**	**R**								NA			NA		05/27/2008
From: Dead End To: US 11 Main St																
1316 85 East Avondale Ave	0.18	**440**	**R**								NA			NA		09/27/2005
From: US 11 Main St To: NCL Mt Jackson																
1316 85 East Avondale Ave	0.17	**320**	**R**								NA			NA		05/27/2008
From: NCL Mt Jackson To: Cul-de-Sac																
1316 85 East Avondale Ave	0.14	**100**	**R**								NA			NA		05/06/2002

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Town of Mount Jackson																
1320 85 Moore Ave	0.04	**30**	From: Dead End **R** To: 85-790 Center St								NA			NA		05/27/2008
1320 85 Moore Ave	0.08	**90**	From: 85-790 Center St **R** To: 85-1321 Craig St								NA			NA		1999
1321 85 Craig St	0.08	**90**	From: 85-1320 Moore Ave **R** To: 85-1322 Randall St								NA			NA		05/27/2008
1322 85 Randall St	0.06	**70**	From: Dead End **R** To: 85-790 Center St								NA			NA		09/27/2005
1322 85 Randall St	0.08	**140**	From: 85-790 Center St **R** To: 85-1321 Craig St								NA			NA		05/27/2008
1323 85 Medical Dr	0.06	**190**	From: US 11 Main St **R** To: Dead End								NA			NA		09/27/2005
1324 85 Orkney Dr	0.03	**660**	From: SR 263 **R** To: 85-1306 Broad St								NA			NA		05/27/2008
1324 85 Orkney Dr	0.07	**880**	From: 85-1306 Broad St **R** To: 85-1304 Gospel St								NA			NA		1999
1324 85 Orkney Dr	0.16	**680**	From: 85-1304 Gospel St **R** To: US 11 Main St								NA			NA		05/27/2008
1325 85 Elm Dr	0.13	**110**	From: 85-1310 Dogwood Dr **R** To: 85-1316 East Avondale Ave								NA			NA		1999
1326 85 Wunder St	0.07	**230**	From: Dead End **R** To: 0.07 ME Dead End								NA			NA		05/27/2008
1326 85 Wunder St	0.05	**230**	From: 0.07 ME Dead End **R** To: 85-1305 Lonas St								NA			NA		05/27/2008
1326 85 Wunder St	0.08	**230**	From: 85-1305 Lonas St **R** To: 85-1306 Broad St								NA			NA		05/27/2008
1327 85 Broad St	0.12	**140**	From: Dead End **R** To: 85-1301 Dutch Lane								NA			NA		1999
1328 85 Railroad St	0.03	**20**	From: Dead End **R** To: 85-743 Shenandoah St								NA			NA		05/27/2008
1328 85 Railroad St	0.07	**220**	From: 85-743 Shenandoah St **R** To: 85-1329 Second Ave								NA			NA		05/27/2008
1328 85 Railroad St	0.13	**310**	From: 85-1329 Second Ave **R** To: 85-753 Jackson St								NA			NA		1999
1329 85 Second Ave	0.10	**50**	From: 85-743 Shenandoah St **R** To: 85-1328 Railroad St								NA			NA		09/27/2005
1330 85 First Ave	0.14	**70**	From: 85-753 Jackson St **R** To: 85-1333 Painters St								NA			NA		05/27/2008
1330 85 First Ave	0.11	**90**	From: 85-1333 Painters St **R** To: US 11 Main St								NA			NA		05/27/2008
1331 85 Robin St	0.06	**350**	From: 85-1306 Broad St **R** To: 85-1301 Dutch Lane								NA			NA		1999

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Route	Length	AADT	QA	4Tire	Bus	Truck				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Town of Mount Jackson																
1332 85 Swan Dr	0.08	**70**	From: 85-1305 Lonas St **R** To: 85-1306 Broad St								NA			NA		05/27/2008
1333 85 Painters St	0.20	**50**	From: 85-753 Jackson St **R** To: 85-1330 First Ave								NA			NA		09/27/2005
1334 85 Bridge St	0.19	**180**	From: US 11 Main St **R** To: ECL Mt Jackson								NA			NA		05/27/2008
1335 85	0.05	**NA**	From: 85-1306 Broad St To: Dead End								NA			NA		