

Table - The Ratios Of Average Daily Traffic Volumes To Peak Hour Volumes

Location	AM Peak					PM Peak					Average of AM and PM Peak Hourly Traffic
	Left turn	No Turn In Bound	Right Turn	No Turn Out Bound	Total	Left turn	No Turn In Bound	Right Turn	No Turn Out Bound	Total	
Columbia Turnpike West of Broadway	60	626	5	1602	2293	81	1634	17	852	2584	2438.5
Columbia Turnpike East of Broadway	55	1602	8	626	2291	67	852	6	1634	2559	2425
Third Avenue	249	672	27	0	948	428	513	29	0	970	959
Broadway Between Herrick Street and Washington Street	23	224	0	413	660	5	336	0	268	609	634.5

Location	Vehicles Per Day	Average of AM and PM Peak Hourly Traffic	Ratio of Vehicles per Day to Average of AM and PM Peak Hourly Traffic	Overall Average Ratio of Daily Volumes to Average of AM and PM Peak Hour Traffic Volume
Columbia Turnpike West of Broadway	24,549	2438.5	10.1	9.8
Columbia Turnpike East of Broadway	24,610	2425	10.1	
Third Avenue	9,208	959	9.6	
Broadway Between Herrick Street and Washington Street	6,000	634.5	9.5	

RENSWF02

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\* MOBILE6.2.03 (24-Sep-2003) \*  
\* Input file: RENSWF02.TST (file 1, run 1). \*  
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\* #####  
\* Scenario Title Text - Rensselaer Waterfront  
\* File 1, Run 1, Scenario 1.  
\* #####

\* Reading PM Gas Carbon ZML Levels  
\* from the external data file PMGZML.CSV

\* Reading PM Gas Carbon DR1 Levels  
\* from the external data file PMGDR1.CSV

\* Reading PM Gas Carbon DR2 Levels  
\* from the external data file PMGDR2.CSV

\* Reading PM Diesel Zero Mile Levels  
\* from the external data file PMDZML.CSV

\* Reading the First PM Deterioration Rates  
\* from the external data file PMDDR1.CSV

\* Reading the Second PM Deterioration Rates  
\* from the external data file PMDDR2.CSV  
M 48 Warning:  
there are no sales for vehicle class HDGV8b

\* Reading Ammonia (NH3) Basic Emission Rates  
\* from the external data file PMNH3BER.D

\* Reading Ammonia (NH3) Sulfur Deterioration Rates  
\* from the external data file PMNH3SDR.D

Calendar Year: 2009  
Month: Jan.  
Altitude: High  
Minimum Temperature: 20.0 (F)  
Maximum Temperature: 35.0 (F)  
Absolute Humidity: 75. grains/lb  
Nominal Fuel RVP: 7.8 psi  
Weathered RVP: 7.8 psi  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: No  
Evap I/M Program: No  
ATP Program: No  
Reformulated Gas: No

Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDDV LDDT HDDV MC All  
Veh  
GVWR: <6000 >6000 (All)

VMT Distribution: 0.3665 0.3763 0.1283 0.0357 0.0003 0.0019 0.0855 0.0054 1.0000

RENSWF02

Fuel Economy (mpg): 24.1 18.6 14.3 17.3 9.7 32.2 17.1 7.2 50.0 16.6

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Composite Emission Factors (g/mi):

Composite VOC :	0.772	0.956	1.668	1.137	1.236	0.233	0.511	0.855	2.53	0.989
Composite CO :	19.40	22.43	30.76	24.55	37.15	0.998	0.955	5.290	30.93	21.448
Composite NOX :	0.739	0.986	1.524	1.123	2.420	0.548	0.863	8.317	1.17	1.643
Composite CO2 :	368.3	477.4	620.1	513.6	917.5	316.2	596.4	1419.6	177.4	550.50

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MOBILE6 INPUT FILE :

POLLUTANTS : CO CO2 NOX HC  
PARTICULATES : SO2

RUN DATA

SCENARIO REC : Scenario Title Text - Rensselaer Waterfront  
CALENDAR YEAR : 2009  
EVALUATION MONTH : 1

MIN/MAX TEMP : 20. 35.  
FUEL RVP : 7.8  
PARTICLE SIZE : 2.5  
PARTICULATE EF : PMGZML.CSV PMGDR1.CSV PMGDR2.CSV PMDZML.CSV PMDDR1.CSV  
PMDDR2.CSV  
ALTITUDE : 2  
DIESEL SULFUR : 15.00

END OF RUN



RENSWF03

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\* MOBILE6.2.03 (24-Sep-2003) \*  
\* Input file: RENSWF03.TST (file 1, run 1). \*  
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\* #####  
\* Scenario Title Text - Rensselaer Waterfront  
\* File 1, Run 1, Scenario 1.  
\* #####

\* Reading PM Gas Carbon ZML Levels  
\* from the external data file PMGZML.CSV

\* Reading PM Gas Carbon DR1 Levels  
\* from the external data file PMGDR1.CSV

\* Reading PM Gas Carbon DR2 Levels  
\* from the external data file PMGDR2.CSV

\* Reading PM Diesel Zero Mile Levels  
\* from the external data file PMDZML.CSV

\* Reading the First PM Deterioration Rates  
\* from the external data file PMDDR1.CSV

\* Reading the Second PM Deterioration Rates  
\* from the external data file PMDDR2.CSV  
M 48 Warning:  
there are no sales for vehicle class HDGV8b

\* Reading Ammonia (NH3) Basic Emission Rates  
\* from the external data file PMNH3BER.D

\* Reading Ammonia (NH3) Sulfur Deterioration Rates  
\* from the external data file PMNH3SDR.D

Calendar Year: 2009  
Month: July  
Altitude: High  
Minimum Temperature: 65.0 (F)  
Maximum Temperature: 85.0 (F)  
Absolute Humidity: 75. grains/lb  
Nominal Fuel RVP: 7.8 psi  
Weathered RVP: 7.7 psi  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: No  
Evap I/M Program: No  
ATP Program: No  
Reformulated Gas: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All
Veh										
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.3597	0.3800	0.1306	0.0360	0.0003	0.0019	0.0860	0.0055	1.0000	

RENSWF03

Fuel Economy (mpg): 24.1 18.6 14.3 17.3 9.7 32.2 17.1 7.2 50.0 16.5

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Composite Emission Factors (g/mi):

Composite VOC :	0.801	0.865	1.464	1.018	1.377	0.230	0.494	0.829	2.82	0.945
Composite CO :	8.52	9.93	13.69	10.89	28.20	0.992	0.926	4.949	27.80	10.219
Composite NOX :	0.608	0.768	1.141	0.863	2.113	0.528	0.817	7.914	0.87	1.423
Composite CO2 :	368.2	477.5	620.4	514.0	916.8	316.1	596.6	1418.8	177.4	552.13

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MOBILE6 INPUT FILE :

POLLUTANTS : CO CO2 NOX HC  
PARTICULATES : SO2

RUN DATA

SCENARIO REC : Scenario Title Text - Rensselaer Waterfront  
CALENDAR YEAR : 2009  
EVALUATION MONTH : 7

MIN/MAX TEMP : 65. 85.  
FUEL RVP : 7.8  
PARTICLE SIZE : 2.5  
PARTICULATE EF : PMGZML.CSV PMGDR1.CSV PMGDR2.CSV PMDZML.CSV PMDDR1.CSV  
PMDDR2.CSV  
ALTITUDE : 2  
DIESEL SULFUR : 15.00

END OF RUN

RENSWF04

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\* MOBILE6.2.03 (24-Sep-2003) \*  
\* Input file: RENSWF04.TST (file 1, run 1). \*  
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\* #####  
\* Scenario Title Text - Rensselaer Waterfront  
\* File 1, Run 1, Scenario 1.  
\* #####

\* Reading PM Gas Carbon ZML Levels  
\* from the external data file PMGZML.CSV

\* Reading PM Gas Carbon DR1 Levels  
\* from the external data file PMGDR1.CSV

\* Reading PM Gas Carbon DR2 Levels  
\* from the external data file PMGDR2.CSV

\* Reading PM Diesel Zero Mile Levels  
\* from the external data file PMDZML.CSV

\* Reading the First PM Deterioration Rates  
\* from the external data file PMDDR1.CSV

\* Reading the Second PM Deterioration Rates  
\* from the external data file PMDDR2.CSV

M 48 Warning:  
there are no sales for vehicle class HDGV8b

\* Reading Ammonia (NH3) Basic Emission Rates  
\* from the external data file PMNH3BER.D

\* Reading Ammonia (NH3) Sulfur Deterioration Rates  
\* from the external data file PMNH3SDR.D

Calendar Year: 2009  
Month: July  
Altitude: High  
Minimum Temperature: 65.0 (F)  
Maximum Temperature: 85.0 (F)  
Absolute Humidity: 75. grains/lb  
Nominal Fuel RVP: 7.8 psi  
Weathered RVP: 7.7 psi  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: No  
Evap I/M Program: No  
ATP Program: No  
Reformulated Gas: No

Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDDV LDDT HDDV MC All  
Veh  
GVWR: <6000 >6000 (All)

VMT Distribution: 0.3597 0.3800 0.1306 0.0360 0.0003 0.0019 0.0860 0.0055 1.0000

RENSWF04

Fuel Economy (mpg): 24.1 18.6 14.3 17.3 9.7 32.2 17.1 7.2 50.0 16.5

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Composite Emission Factors (g/mi):

Composite VOC :	0.801	0.865	1.464	1.018	1.377	0.230	0.494	0.829	2.82	0.945
Composite CO :	8.52	9.93	13.69	10.89	28.20	0.992	0.926	4.949	27.80	10.219
Composite NOX :	0.608	0.768	1.141	0.863	2.113	0.528	0.817	7.914	0.87	1.423
Composite CO2 :	368.2	477.5	620.4	514.0	916.8	316.1	596.6	1418.8	177.4	552.13

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\* MOBILE6.2.03 (24-Sep-2003) \*

\* Input file: RENSWF04.TST (file 1, run 2). \*

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MOBILE6 INPUT FILE :

POLLUTANTS : CO CO2 NOX HC  
PARTICULATES : SO2

RUN DATA

SCENARIO REC : Scenario Title Text - Rensselaer Waterfront  
CALENDAR YEAR : 2009  
EVALUATION MONTH : 7

MIN/MAX TEMP : 65. 85.  
FUEL RVP : 7.8  
PARTICLE SIZE : 10  
PARTICULATE EF : PMGZML.CSV PMGDR1.CSV PMGDR2.CSV PMDZML.CSV PMDDR1.CSV  
PMDDR2.CSV  
ALTITUDE : 2  
DIESEL SULFUR : 15.00

END OF RUN

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