

## 5.0 DATA USED

### 5.1 INPUT FILES

#### RMTDM.IN

MOBILE6 INPUT FILE :

> Rocky Mount Area O3 I/M Redesignation Analysis 2/20

POLLUTANTS : HC NOX  
SPREADSHEET : ROCKY MOUNT AREA  
RUN DATA :

\*\*\*\*\* RUN SECTION \*\*\*\*\*

FUEL RVP : 9.0

HOURLY TEMPERATURES: 73. 73. 74. 76. 78. 80. 82. 84. 86. 88. 88. 88.  
86. 85. 84. 81. 79. 77. 75. 74. 73. 73. 73. 73.

REG DIST : NCage04.prn

> OBDII

I/M PROGRAM : 1 2005 2050 1 TRC OBD I/M  
I/M MODEL YEARS : 1 1996 2050  
I/M VEHICLES : 1 22222 11111111 1  
I/M STRINGENCY : 1 10.0  
I/M COMPLIANCE : 1 95.0  
I/M WAIVER RATES : 1 5.0 5.0

I/M PROGRAM : 2 2005 2050 1 TRC EVAP OBD  
I/M MODEL YEARS : 2 1996 2050  
I/M VEHICLES : 2 22222 11111111 1  
I/M STRINGENCY : 2 10.0  
I/M COMPLIANCE : 2 95.0  
I/M WAIVER RATES : 2 5.0 5.0

ANTI-TAMP PROG :  
91 68 50 22222 22222222 2 11 095. 22212222

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural interstate-Nash Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural interstate mix and speeds

VMT FRACTIONS :  
0.3282 0.0600 0.1998 0.0616 0.0283 0.1023 0.0100 0.0082  
0.0061 0.0227 0.0270 0.0293 0.1044 0.0053 0.0024 0.0044

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural principle arterial-Nash Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.4111 0.0752 0.2505 0.0772 0.0355 0.0467 0.0046 0.0037  
0.0028 0.0104 0.0123 0.0134 0.0476 0.0024 0.0011 0.0055

AVERAGE SPEED : 60 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Nash Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.4248 0.0777 0.2587 0.0797 0.0366 0.0376 0.0037 0.0030  
0.0022 0.0084 0.0099 0.0108 0.0384 0.0019 0.0009 0.0057

AVERAGE SPEED : 53 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Nash Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.4380 0.0801 0.2668 0.0822 0.0378 0.0287 0.0028 0.0023  
0.0017 0.0064 0.0076 0.0082 0.0293 0.0015 0.0007 0.0059

AVERAGE SPEED : 52 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Nash Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :

0.4375 0.0800 0.2664 0.0821 0.0377 0.0291 0.0029 0.0023  
0.0017 0.0065 0.0077 0.0083 0.0297 0.0015 0.0007 0.0059

AVERAGE SPEED : 50 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Rural local-Nash Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.4383 0.0802 0.2669 0.0822 0.0378 0.0286 0.0028 0.0023  
0.0017 0.0063 0.0075 0.0082 0.0291 0.0015 0.0007 0.0059

AVERAGE SPEED : 41 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Urban interstate-Nash Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban interstate mix and speeds

VMT FRACTIONS :  
0.3936 0.0720 0.2398 0.0739 0.0340 0.0584 0.0057 0.0047  
0.0035 0.0130 0.0154 0.0167 0.0596 0.0030 0.0014 0.0053

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Urban freeway-Nash Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.4282 0.0784 0.2609 0.0804 0.0370 0.0352 0.0035 0.0028  
0.0021 0.0078 0.0093 0.0101 0.0359 0.0018 0.0008 0.0058

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Nash Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.4414 0.0808 0.2689 0.0829 0.0381 0.0264 0.0026 0.0021  
0.0016 0.0059 0.0069 0.0076 0.0269 0.0014 0.0006 0.0059

AVERAGE SPEED : 46 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Nash Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.4526 0.0828 0.2757 0.0850 0.0391 0.0189 0.0019 0.0015  
0.0011 0.0042 0.0050 0.0054 0.0193 0.0010 0.0004 0.0061

AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Nash Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.4565 0.0835 0.2780 0.0857 0.0394 0.0164 0.0016 0.0013  
0.0010 0.0036 0.0043 0.0047 0.0167 0.0008 0.0004 0.0061

AVERAGE SPEED : 39 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Nash Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.4459 0.0816 0.2716 0.0837 0.0385 0.0234 0.0023 0.0019  
0.0014 0.0052 0.0062 0.0067 0.0239 0.0012 0.0005 0.0060

AVERAGE SPEED : 34 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural interstate-Nash Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural interstate mix and speeds

VMT FRACTIONS :  
0.2952 0.0656 0.2186 0.0674 0.0310 0.1022 0.0100 0.0082  
0.0063 0.0229 0.0269 0.0292 0.1045 0.0053 0.0024 0.0043

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural principle arterial-Nash Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.3703 0.0823 0.2740 0.0844 0.0388 0.0466 0.0046 0.0037  
0.0029 0.0104 0.0122 0.0133 0.0477 0.0024 0.0011 0.0053

AVERAGE SPEED : 61 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Nash Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.3823 0.0850 0.2829 0.0872 0.0401 0.0376 0.0037 0.0030  
0.0023 0.0084 0.0099 0.0108 0.0385 0.0019 0.0009 0.0055

AVERAGE SPEED : 53 Arterial 0.0 100.0 0.0 0.0  
RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Nash Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.3944 0.0877 0.2919 0.0899 0.0413 0.0286 0.0028 0.0023  
0.0018 0.0064 0.0075 0.0082 0.0293 0.0015 0.0007 0.0057

AVERAGE SPEED : 52 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Nash Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.3940 0.0875 0.2914 0.0898 0.0413 0.0291 0.0028 0.0023  
0.0018 0.0065 0.0076 0.0083 0.0297 0.0015 0.0007 0.0057

AVERAGE SPEED : 50 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Nash Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.3943 0.0877 0.2920 0.0900 0.0414 0.0285 0.0028 0.0023  
0.0018 0.0064 0.0075 0.0082 0.0292 0.0015 0.0007 0.0057

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban interstate-Nash Co
CALENDAR YEAR        : 2008
EVALUATION MONTH     : 7

> Urban interstate mix and speeds

VMT FRACTIONS        :
0.3544 0.0788 0.2623 0.0808 0.0372 0.0583 0.0057 0.0047
0.0036 0.0131 0.0153 0.0167 0.0596 0.0030 0.0014 0.0051

AVERAGE SPEED        : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban freeway-Nash Co
CALENDAR YEAR        : 2008
EVALUATION MONTH     : 7

> Urban freeway mix and speeds

VMT FRACTIONS        :
0.3859 0.0857 0.2854 0.0879 0.0404 0.0351 0.0034 0.0028
0.0022 0.0079 0.0092 0.0100 0.0359 0.0018 0.0008 0.0056

AVERAGE SPEED        : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban principle arterial-Nash Co
CALENDAR YEAR        : 2008
EVALUATION MONTH     : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS        :
0.3977 0.0883 0.2942 0.0906 0.0417 0.0263 0.0026 0.0021
0.0016 0.0059 0.0069 0.0075 0.0269 0.0014 0.0006 0.0057

AVERAGE SPEED        : 45 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban minor arterial-Nash Co
CALENDAR YEAR        : 2008
EVALUATION MONTH     : 7

> Urban minor arterial mix and speeds

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VMT FRACTIONS      :
0.4076 0.0906 0.3016 0.0929 0.0427 0.0189 0.0018 0.0015
0.0012 0.0042 0.0050 0.0054 0.0193 0.0010 0.0004 0.0059

AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY   : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                     58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES     : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban collector-Nash Co
CALENDAR YEAR        : 2008
EVALUATION MONTH     : 7

> Urban collector mix and speeds

VMT FRACTIONS      :
0.4111 0.0913 0.3041 0.0937 0.0431 0.0163 0.0016 0.0013
0.0010 0.0037 0.0043 0.0047 0.0167 0.0008 0.0004 0.0059

AVERAGE SPEED      : 39 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY   : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                     58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES     : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban local-Nash Co
CALENDAR YEAR        : 2008
EVALUATION MONTH     : 7

> Urban local mix and speeds

VMT FRACTIONS      :
0.4017 0.0892 0.2971 0.0916 0.0421 0.0233 0.0023 0.0019
0.0014 0.0052 0.0061 0.0067 0.0239 0.0012 0.0005 0.0058

AVERAGE SPEED      : 34 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY   : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                     58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES     : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural interstate-Nash Co
CALENDAR YEAR        : 2011
EVALUATION MONTH     : 7

> Rural interstate mix and speeds

VMT FRACTIONS      :
0.2662 0.0707 0.2353 0.0725 0.0334 0.1021 0.0099 0.0084
0.0063 0.0228 0.0270 0.0293 0.1042 0.0052 0.0026 0.0041

AVERAGE SPEED      : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY   : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.

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58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural principle arterial-Nash Co
CALENDAR YEAR        : 2011
EVALUATION MONTH     : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS        :
0.3335 0.0887 0.2950 0.0909 0.0418 0.0465 0.0045 0.0038
0.0029 0.0104 0.0123 0.0134 0.0475 0.0024 0.0012 0.0052

AVERAGE SPEED        : 61 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural minor arterial-Nash Co
CALENDAR YEAR        : 2011
EVALUATION MONTH     : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS        :
0.3444 0.0916 0.3046 0.0939 0.0432 0.0376 0.0037 0.0031
0.0023 0.0084 0.0099 0.0108 0.0383 0.0019 0.0010 0.0053

AVERAGE SPEED        : 53 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural major collector-Nash Co
CALENDAR YEAR        : 2011
EVALUATION MONTH     : 7

> Rural major collector mix and speeds

VMT FRACTIONS        :
0.3554 0.0944 0.3142 0.0968 0.0446 0.0286 0.0028 0.0023
0.0018 0.0064 0.0076 0.0082 0.0292 0.0015 0.0007 0.0055

AVERAGE SPEED        : 52 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural minor collector-Nash Co
CALENDAR YEAR        : 2011

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EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.3549 0.0943 0.3138 0.0967 0.0445 0.0290 0.0028 0.0024  
0.0018 0.0065 0.0077 0.0083 0.0296 0.0015 0.0007 0.0055

AVERAGE SPEED : 50 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Nash Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.3554 0.0945 0.3143 0.0969 0.0446 0.0285 0.0028 0.0023  
0.0018 0.0064 0.0075 0.0082 0.0291 0.0015 0.0007 0.0055

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban interstate-Nash Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban interstate mix and speeds

VMT FRACTIONS :  
0.3194 0.0849 0.2824 0.0870 0.0401 0.0582 0.0057 0.0048  
0.0036 0.0130 0.0154 0.0167 0.0594 0.0030 0.0015 0.0049

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Nash Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.3473 0.0924 0.3073 0.0947 0.0436 0.0351 0.0034 0.0029  
0.0022 0.0078 0.0093 0.0101 0.0358 0.0018 0.0009 0.0054

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0  
RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Nash Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.3581 0.0952 0.3167 0.0976 0.0449 0.0263 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0076 0.0269 0.0013 0.0007 0.0055

AVERAGE SPEED : 45 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Nash Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.3671 0.0976 0.3247 0.1001 0.0461 0.0189 0.0018 0.0015  
0.0012 0.0042 0.0050 0.0054 0.0192 0.0010 0.0005 0.0057

AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Nash Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.3705 0.0984 0.3274 0.1009 0.0464 0.0163 0.0016 0.0013  
0.0010 0.0036 0.0043 0.0047 0.0167 0.0008 0.0004 0.0057

AVERAGE SPEED : 39 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Urban local-Nash Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.3618 0.0961 0.3199 0.0986 0.0454 0.0233 0.0023 0.0019  
0.0014 0.0052 0.0062 0.0067 0.0238 0.0012 0.0006 0.0056

AVERAGE SPEED : 34 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Rural interstate-Nash Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural interstate mix and speeds

VMT FRACTIONS :  
0.2443 0.0745 0.2479 0.0764 0.0351 0.1020 0.0099 0.0083  
0.0063 0.0230 0.0269 0.0292 0.1044 0.0052 0.0026 0.0040

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Rural principle arterial-Nash Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.3061 0.0934 0.3107 0.0957 0.0440 0.0465 0.0045 0.0038  
0.0029 0.0105 0.0123 0.0133 0.0476 0.0024 0.0012 0.0051

AVERAGE SPEED : 61 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Rural minor arterial-Nash Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
 0.3164 0.0964 0.3209 0.0988 0.0455 0.0375 0.0036 0.0031  
 0.0023 0.0084 0.0099 0.0107 0.0384 0.0019 0.0010 0.0052  
  
 AVERAGE SPEED : 53 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Rural major collector-Nash Co  
 CALENDAR YEAR : 2014  
 EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
 0.3261 0.0995 0.3310 0.1020 0.0469 0.0286 0.0028 0.0023  
 0.0018 0.0064 0.0075 0.0082 0.0293 0.0015 0.0007 0.0054  
  
 AVERAGE SPEED : 52 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Rural minor collector-Nash Co  
 CALENDAR YEAR : 2014  
 EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
 0.3259 0.0993 0.3305 0.1018 0.0468 0.0290 0.0028 0.0024  
 0.0018 0.0065 0.0076 0.0083 0.0297 0.0015 0.0007 0.0054  
  
 AVERAGE SPEED : 50 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Rural local-Nash Co  
 CALENDAR YEAR : 2014  
 EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
 0.3264 0.0995 0.3311 0.1020 0.0469 0.0285 0.0028 0.0023  
 0.0017 0.0064 0.0075 0.0082 0.0291 0.0015 0.0007 0.0054  
  
 AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Urban interstate-Nash Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban interstate mix and speeds

VMT FRACTIONS :  
0.2932 0.0894 0.2975 0.0916 0.0421 0.0582 0.0057 0.0048  
0.0036 0.0131 0.0153 0.0167 0.0595 0.0030 0.0015 0.0048

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Urban freeway-Nash Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.3189 0.0973 0.3237 0.0997 0.0458 0.0351 0.0034 0.0029  
0.0022 0.0079 0.0092 0.0100 0.0359 0.0018 0.0009 0.0053

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Urban principle arterial-Nash Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.3287 0.1003 0.3336 0.1028 0.0473 0.0263 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0075 0.0269 0.0013 0.0007 0.0054

AVERAGE SPEED : 45 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Urban minor arterial-Nash Co

CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.3371 0.1028 0.3420 0.1054 0.0484 0.0188 0.0018 0.0015  
0.0012 0.0042 0.0050 0.0054 0.0193 0.0010 0.0005 0.0056

AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Urban collector-Nash Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.3399 0.1037 0.3449 0.1062 0.0489 0.0163 0.0016 0.0013  
0.0010 0.0037 0.0043 0.0047 0.0167 0.0008 0.0004 0.0056

AVERAGE SPEED : 39 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Urban local-Nash Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.3322 0.1013 0.3370 0.1038 0.0477 0.0233 0.0023 0.0019  
0.0014 0.0052 0.0061 0.0067 0.0238 0.0012 0.0006 0.0055

AVERAGE SPEED : 34 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Rural interstate-Nash Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural interstate mix and speeds

VMT FRACTIONS :  
0.2289 0.0771 0.2568 0.0791 0.0364 0.1018 0.0101 0.0086

0.0062 0.0228 0.0270 0.0293 0.1041 0.0052 0.0026 0.0040

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural principle arterial-Nash Co

CALENDAR YEAR : 2017

EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.2868 0.0966 0.3219 0.0992 0.0456 0.0464 0.0046 0.0039  
0.0028 0.0104 0.0123 0.0134 0.0475 0.0024 0.0012 0.0050

AVERAGE SPEED : 61 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Nash Co

CALENDAR YEAR : 2017

EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.2963 0.0998 0.3324 0.1024 0.0471 0.0374 0.0037 0.0032  
0.0023 0.0084 0.0099 0.0108 0.0383 0.0019 0.0010 0.0051

AVERAGE SPEED : 53 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Nash Co

CALENDAR YEAR : 2017

EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.3055 0.1030 0.3429 0.1057 0.0486 0.0285 0.0028 0.0024  
0.0017 0.0064 0.0076 0.0082 0.0292 0.0015 0.0007 0.0053

AVERAGE SPEED : 52 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Nash Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.3051 0.1028 0.3424 0.1055 0.0485 0.0290 0.0029 0.0024  
0.0018 0.0065 0.0077 0.0083 0.0296 0.0015 0.0007 0.0053

AVERAGE SPEED : 50 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Nash Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.3058 0.1030 0.3430 0.1057 0.0486 0.0284 0.0028 0.0024  
0.0017 0.0064 0.0075 0.0082 0.0291 0.0014 0.0007 0.0053

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban interstate-Nash Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban interstate mix and speeds

VMT FRACTIONS :  
0.2744 0.0925 0.3082 0.0950 0.0437 0.0581 0.0058 0.0049  
0.0036 0.0130 0.0154 0.0167 0.0594 0.0030 0.0015 0.0048

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Nash Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.2987 0.1007 0.3353 0.1033 0.0475 0.0350 0.0035 0.0029  
0.0021 0.0079 0.0093 0.0101 0.0358 0.0018 0.0009 0.0052

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Nash Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.3079 0.1038 0.3456 0.1065 0.0490 0.0262 0.0026 0.0022  
0.0016 0.0059 0.0070 0.0076 0.0268 0.0013 0.0007 0.0053

AVERAGE SPEED : 45 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Nash Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.3156 0.1064 0.3543 0.1092 0.0502 0.0188 0.0019 0.0016  
0.0012 0.0042 0.0050 0.0054 0.0192 0.0010 0.0005 0.0055

AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Nash Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.3184 0.1073 0.3573 0.1101 0.0506 0.0163 0.0016 0.0014  
0.0010 0.0037 0.0043 0.0047 0.0166 0.0008 0.0004 0.0055

AVERAGE SPEED : 40 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Urban local-Nash Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.3109 0.1048 0.3491 0.1076 0.0495 0.0233 0.0023 0.0020  
0.0014 0.0052 0.0062 0.0067 0.0238 0.0012 0.0006 0.0054

AVERAGE SPEED : 35 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Rural principle arterial-Edgecombe Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.4111 0.0752 0.2505 0.0772 0.0355 0.0467 0.0046 0.0037  
0.0028 0.0104 0.0123 0.0134 0.0476 0.0024 0.0011 0.0055

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Rural minor arterial-Edgecombe Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.4248 0.0777 0.2587 0.0797 0.0366 0.0376 0.0037 0.0030  
0.0022 0.0084 0.0099 0.0108 0.0384 0.0019 0.0009 0.0057

AVERAGE SPEED : 51 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Edgecombe Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.4380 0.0801 0.2668 0.0822 0.0378 0.0287 0.0028 0.0023  
0.0017 0.0064 0.0076 0.0082 0.0293 0.0015 0.0007 0.0059

AVERAGE SPEED : 53 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Edgecombe Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.4375 0.0800 0.2664 0.0821 0.0377 0.0291 0.0029 0.0023  
0.0017 0.0065 0.0077 0.0083 0.0297 0.0015 0.0007 0.0059

AVERAGE SPEED : 52 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Edgecombe Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.4383 0.0802 0.2669 0.0822 0.0378 0.0286 0.0028 0.0023  
0.0017 0.0063 0.0075 0.0082 0.0291 0.0015 0.0007 0.0059

AVERAGE SPEED : 47 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Edgecombe Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :

0.4282 0.0784 0.2609 0.0804 0.0370 0.0352 0.0035 0.0028  
0.0021 0.0078 0.0093 0.0101 0.0359 0.0018 0.0008 0.0058

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Edgecombe Co

CALENDAR YEAR : 2005

EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.4414 0.0808 0.2689 0.0829 0.0381 0.0264 0.0026 0.0021  
0.0016 0.0059 0.0069 0.0076 0.0269 0.0014 0.0006 0.0059

AVERAGE SPEED : 35 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Edgecombe Co

CALENDAR YEAR : 2005

EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.4526 0.0828 0.2757 0.0850 0.0391 0.0189 0.0019 0.0015  
0.0011 0.0042 0.0050 0.0054 0.0193 0.0010 0.0004 0.0061

AVERAGE SPEED : 41 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Edgecombe Co

CALENDAR YEAR : 2005

EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.4565 0.0835 0.2780 0.0857 0.0394 0.0164 0.0016 0.0013  
0.0010 0.0036 0.0043 0.0047 0.0167 0.0008 0.0004 0.0061

AVERAGE SPEED : 40 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Edgecombe Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.4459 0.0816 0.2716 0.0837 0.0385 0.0234 0.0023 0.0019  
0.0014 0.0052 0.0062 0.0067 0.0239 0.0012 0.0005 0.0060

AVERAGE SPEED : 37 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural principle arterial-Edgecombe Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.3703 0.0823 0.2740 0.0844 0.0388 0.0466 0.0046 0.0037  
0.0029 0.0104 0.0122 0.0133 0.0477 0.0024 0.0011 0.0053

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Edgecombe Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.3823 0.0850 0.2829 0.0872 0.0401 0.0376 0.0037 0.0030  
0.0023 0.0084 0.0099 0.0108 0.0385 0.0019 0.0009 0.0055

AVERAGE SPEED : 51 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Edgecombe Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.3944 0.0877 0.2919 0.0899 0.0413 0.0286 0.0028 0.0023  
0.0018 0.0064 0.0075 0.0082 0.0293 0.0015 0.0007 0.0057

AVERAGE SPEED : 53 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Edgecombe Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.3940 0.0875 0.2914 0.0898 0.0413 0.0291 0.0028 0.0023  
0.0018 0.0065 0.0076 0.0083 0.0297 0.0015 0.0007 0.0057

AVERAGE SPEED : 52 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Edgecombe Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.3943 0.0877 0.2920 0.0900 0.0414 0.0285 0.0028 0.0023  
0.0018 0.0064 0.0075 0.0082 0.0292 0.0015 0.0007 0.0057

AVERAGE SPEED : 47 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Edgecombe Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.3859 0.0857 0.2854 0.0879 0.0404 0.0351 0.0034 0.0028  
0.0022 0.0079 0.0092 0.0100 0.0359 0.0018 0.0008 0.0056

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0  
RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Edgecombe Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.3977 0.0883 0.2942 0.0906 0.0417 0.0263 0.0026 0.0021  
0.0016 0.0059 0.0069 0.0075 0.0269 0.0014 0.0006 0.0057

AVERAGE SPEED : 35 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Edgecombe Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.4076 0.0906 0.3016 0.0929 0.0427 0.0189 0.0018 0.0015  
0.0012 0.0042 0.0050 0.0054 0.0193 0.0010 0.0004 0.0059

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Edgecombe Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.4111 0.0913 0.3041 0.0937 0.0431 0.0163 0.0016 0.0013  
0.0010 0.0037 0.0043 0.0047 0.0167 0.0008 0.0004 0.0059

AVERAGE SPEED : 40 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban local-Edgecombe Co
CALENDAR YEAR        : 2008
EVALUATION MONTH     : 7

> Urban local mix and speeds

VMT FRACTIONS        :
0.4017 0.0892 0.2971 0.0916 0.0421 0.0233 0.0023 0.0019
0.0014 0.0052 0.0061 0.0067 0.0239 0.0012 0.0005 0.0058

AVERAGE SPEED        : 38 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural principle arterial-Edgecombe Co
CALENDAR YEAR        : 2011
EVALUATION MONTH     : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS        :
0.3335 0.0887 0.2950 0.0909 0.0418 0.0465 0.0045 0.0038
0.0029 0.0104 0.0123 0.0134 0.0475 0.0024 0.0012 0.0052

AVERAGE SPEED        : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural minor arterial-Edgecombe Co
CALENDAR YEAR        : 2011
EVALUATION MONTH     : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS        :
0.3444 0.0916 0.3046 0.0939 0.0432 0.0376 0.0037 0.0031
0.0023 0.0084 0.0099 0.0108 0.0383 0.0019 0.0010 0.0053

AVERAGE SPEED        : 51 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural major collector-Edgecombe Co
CALENDAR YEAR        : 2011
EVALUATION MONTH     : 7

> Rural major collector mix and speeds

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VMT FRACTIONS      :
0.3554 0.0944 0.3142 0.0968 0.0446 0.0286 0.0028 0.0023
0.0018 0.0064 0.0076 0.0082 0.0292 0.0015 0.0007 0.0055

AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY   : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                     58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES     : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural minor collector-Edgecombe Co
CALENDAR YEAR        : 2011
EVALUATION MONTH     : 7

> Rural minor collector mix and speeds

VMT FRACTIONS      :
0.3549 0.0943 0.3138 0.0967 0.0445 0.0290 0.0028 0.0024
0.0018 0.0065 0.0077 0.0083 0.0296 0.0015 0.0007 0.0055

AVERAGE SPEED      : 52 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY   : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                     58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES     : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural local-Edgecombe Co
CALENDAR YEAR        : 2011
EVALUATION MONTH     : 7

> Rural local mix and speeds

VMT FRACTIONS      :
0.3554 0.0945 0.3143 0.0969 0.0446 0.0285 0.0028 0.0023
0.0018 0.0064 0.0075 0.0082 0.0291 0.0015 0.0007 0.0055

AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY   : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                     58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES     : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban freeway-Edgecombe Co
CALENDAR YEAR        : 2011
EVALUATION MONTH     : 7

> Urban freeway mix and speeds

VMT FRACTIONS      :
0.3473 0.0924 0.3073 0.0947 0.0436 0.0351 0.0034 0.0029
0.0022 0.0078 0.0093 0.0101 0.0358 0.0018 0.0009 0.0054

AVERAGE SPEED      : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY   : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.

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58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban principle arterial-Edgecombe Co
CALENDAR YEAR        : 2011
EVALUATION MONTH     : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS        :
0.3581 0.0952 0.3167 0.0976 0.0449 0.0263 0.0026 0.0022
0.0016 0.0059 0.0069 0.0076 0.0269 0.0013 0.0007 0.0055

AVERAGE SPEED        : 35 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban minor arterial-Edgecombe Co
CALENDAR YEAR        : 2011
EVALUATION MONTH     : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS        :
0.3671 0.0976 0.3247 0.1001 0.0461 0.0189 0.0018 0.0015
0.0012 0.0042 0.0050 0.0054 0.0192 0.0010 0.0005 0.0057

AVERAGE SPEED        : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban collector-Edgecombe Co
CALENDAR YEAR        : 2011
EVALUATION MONTH     : 7

> Urban collector mix and speeds

VMT FRACTIONS        :
0.3705 0.0984 0.3274 0.1009 0.0464 0.0163 0.0016 0.0013
0.0010 0.0036 0.0043 0.0047 0.0167 0.0008 0.0004 0.0057

AVERAGE SPEED        : 40 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban local-Edgecombe Co
CALENDAR YEAR        : 2011

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EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.3618 0.0961 0.3199 0.0986 0.0454 0.0233 0.0023 0.0019  
0.0014 0.0052 0.0062 0.0067 0.0238 0.0012 0.0006 0.0056

AVERAGE SPEED : 38 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural principle arterial-Edgecombe Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.3061 0.0934 0.3107 0.0957 0.0440 0.0465 0.0045 0.0038  
0.0029 0.0105 0.0123 0.0133 0.0476 0.0024 0.0012 0.0051

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Edgecombe Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.3164 0.0964 0.3209 0.0988 0.0455 0.0375 0.0036 0.0031  
0.0023 0.0084 0.0099 0.0107 0.0384 0.0019 0.0010 0.0052

AVERAGE SPEED : 51 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Edgecombe Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.3261 0.0995 0.3310 0.1020 0.0469 0.0286 0.0028 0.0023  
0.0018 0.0064 0.0075 0.0082 0.0293 0.0015 0.0007 0.0054

AVERAGE SPEED : 53 Arterial 0.0 100.0 0.0 0.0  
RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Edgecombe Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.3259 0.0993 0.3305 0.1018 0.0468 0.0290 0.0028 0.0024  
0.0018 0.0065 0.0076 0.0083 0.0297 0.0015 0.0007 0.0054

AVERAGE SPEED : 52 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Edgecombe Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.3264 0.0995 0.3311 0.1020 0.0469 0.0285 0.0028 0.0023  
0.0017 0.0064 0.0075 0.0082 0.0291 0.0015 0.0007 0.0054

AVERAGE SPEED : 47 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Edgecombe Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.3189 0.0973 0.3237 0.0997 0.0458 0.0351 0.0034 0.0029  
0.0022 0.0079 0.0092 0.0100 0.0359 0.0018 0.0009 0.0053

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban principle arterial-Edgecombe Co
CALENDAR YEAR        : 2014
EVALUATION MONTH     : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS        :
0.3287 0.1003 0.3336 0.1028 0.0473 0.0263 0.0026 0.0022
0.0016 0.0059 0.0069 0.0075 0.0269 0.0013 0.0007 0.0054

AVERAGE SPEED        : 35 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban minor arterial-Edgecombe Co
CALENDAR YEAR        : 2014
EVALUATION MONTH     : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS        :
0.3371 0.1028 0.3420 0.1054 0.0484 0.0188 0.0018 0.0015
0.0012 0.0042 0.0050 0.0054 0.0193 0.0010 0.0005 0.0056

AVERAGE SPEED        : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban collector-Edgecombe Co
CALENDAR YEAR        : 2014
EVALUATION MONTH     : 7

> Urban collector mix and speeds

VMT FRACTIONS        :
0.3399 0.1037 0.3449 0.1062 0.0489 0.0163 0.0016 0.0013
0.0010 0.0037 0.0043 0.0047 0.0167 0.0008 0.0004 0.0056

AVERAGE SPEED        : 40 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban local-Edgecombe Co
CALENDAR YEAR        : 2014
EVALUATION MONTH     : 7

> Urban local mix and speeds

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VMT FRACTIONS :  
 0.3322 0.1013 0.3370 0.1038 0.0477 0.0233 0.0023 0.0019  
 0.0014 0.0052 0.0061 0.0067 0.0238 0.0012 0.0006 0.0055  
  
 AVERAGE SPEED : 38 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Rural principle arterial-Edgecombe Co  
 CALENDAR YEAR : 2017  
 EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
 0.2868 0.0966 0.3219 0.0992 0.0456 0.0464 0.0046 0.0039  
 0.0028 0.0104 0.0123 0.0134 0.0475 0.0024 0.0012 0.0050  
  
 AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Rural minor arterial-Edgecombe Co  
 CALENDAR YEAR : 2017  
 EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
 0.2963 0.0998 0.3324 0.1024 0.0471 0.0374 0.0037 0.0032  
 0.0023 0.0084 0.0099 0.0108 0.0383 0.0019 0.0010 0.0051  
  
 AVERAGE SPEED : 52 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Rural major collector-Edgecombe Co  
 CALENDAR YEAR : 2017  
 EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
 0.3055 0.1030 0.3429 0.1057 0.0486 0.0285 0.0028 0.0024  
 0.0017 0.0064 0.0076 0.0082 0.0292 0.0015 0.0007 0.0053  
  
 AVERAGE SPEED : 53 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Edgecombe Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.3051 0.1028 0.3424 0.1055 0.0485 0.0290 0.0029 0.0024  
0.0018 0.0065 0.0077 0.0083 0.0296 0.0015 0.0007 0.0053

AVERAGE SPEED : 52 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Edgecombe Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.3058 0.1030 0.3430 0.1057 0.0486 0.0284 0.0028 0.0024  
0.0017 0.0064 0.0075 0.0082 0.0291 0.0014 0.0007 0.0053

AVERAGE SPEED : 47 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Edgecombe Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.2987 0.1007 0.3353 0.1033 0.0475 0.0350 0.0035 0.0029  
0.0021 0.0079 0.0093 0.0101 0.0358 0.0018 0.0009 0.0052

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Edgecombe Co

CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.3079 0.1038 0.3456 0.1065 0.0490 0.0262 0.0026 0.0022  
0.0016 0.0059 0.0070 0.0076 0.0268 0.0013 0.0007 0.0053

AVERAGE SPEED : 35 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Edgecombe Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.3156 0.1064 0.3543 0.1092 0.0502 0.0188 0.0019 0.0016  
0.0012 0.0042 0.0050 0.0054 0.0192 0.0010 0.0005 0.0055

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Edgecombe Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.3184 0.1073 0.3573 0.1101 0.0506 0.0163 0.0016 0.0014  
0.0010 0.0037 0.0043 0.0047 0.0166 0.0008 0.0004 0.0055

AVERAGE SPEED : 40 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Edgecombe Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.3109 0.1048 0.3491 0.1076 0.0495 0.0233 0.0023 0.0020

0.0014 0.0052 0.0062 0.0067 0.0238 0.0012 0.0006 0.0054

AVERAGE SPEED : 38 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

END OF RUN :

## RMTDMN.IN

MOBILE6 INPUT FILE :

> Rocky Mount Area O3 NON I/M Redesignation Analysis 2/20

POLLUTANTS : HC NOX  
SPREADSHEET : ROCKY MOUNT AREA  
RUN DATA :

\*\*\*\*\* RUN SECTION \*\*\*\*\*  
FUEL RVP : 9.0

HOURLY TEMPERATURES: 73. 73. 74. 76. 78. 80. 82. 84. 86. 88. 88. 88.  
86. 85. 84. 81. 79. 77. 75. 74. 73. 73. 73. 73.

REG DIST : NCage04.prn

ANTI-TAMP PROG :  
91 68 50 22222 22222222 2 11 095. 22212222

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Rural interstate-Nash Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural interstate mix and speeds

VMT FRACTIONS :  
0.3282 0.0600 0.1998 0.0616 0.0283 0.1023 0.0100 0.0082  
0.0061 0.0227 0.0270 0.0293 0.1044 0.0053 0.0024 0.0044

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Rural principle arterial-Nash Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.4111 0.0752 0.2505 0.0772 0.0355 0.0467 0.0046 0.0037  
0.0028 0.0104 0.0123 0.0134 0.0476 0.0024 0.0011 0.0055

AVERAGE SPEED : 60 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Rural minor arterial-Nash Co  
CALENDAR YEAR : 2005

EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.4248 0.0777 0.2587 0.0797 0.0366 0.0376 0.0037 0.0030  
0.0022 0.0084 0.0099 0.0108 0.0384 0.0019 0.0009 0.0057

AVERAGE SPEED : 53 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Nash Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.4380 0.0801 0.2668 0.0822 0.0378 0.0287 0.0028 0.0023  
0.0017 0.0064 0.0076 0.0082 0.0293 0.0015 0.0007 0.0059

AVERAGE SPEED : 52 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Nash Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.4375 0.0800 0.2664 0.0821 0.0377 0.0291 0.0029 0.0023  
0.0017 0.0065 0.0077 0.0083 0.0297 0.0015 0.0007 0.0059

AVERAGE SPEED : 50 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Nash Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.4383 0.0802 0.2669 0.0822 0.0378 0.0286 0.0028 0.0023

0.0017 0.0063 0.0075 0.0082 0.0291 0.0015 0.0007 0.0059

AVERAGE SPEED : 41 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban interstate-Nash Co

CALENDAR YEAR : 2005

EVALUATION MONTH : 7

> Urban interstate mix and speeds

VMT FRACTIONS :  
0.3936 0.0720 0.2398 0.0739 0.0340 0.0584 0.0057 0.0047  
0.0035 0.0130 0.0154 0.0167 0.0596 0.0030 0.0014 0.0053

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Nash Co

CALENDAR YEAR : 2005

EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.4282 0.0784 0.2609 0.0804 0.0370 0.0352 0.0035 0.0028  
0.0021 0.0078 0.0093 0.0101 0.0359 0.0018 0.0008 0.0058

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Nash Co

CALENDAR YEAR : 2005

EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.4414 0.0808 0.2689 0.0829 0.0381 0.0264 0.0026 0.0021  
0.0016 0.0059 0.0069 0.0076 0.0269 0.0014 0.0006 0.0059

AVERAGE SPEED : 46 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Nash Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VTM FRACTIONS :  
0.4526 0.0828 0.2757 0.0850 0.0391 0.0189 0.0019 0.0015  
0.0011 0.0042 0.0050 0.0054 0.0193 0.0010 0.0004 0.0061

AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Nash Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VTM FRACTIONS :  
0.4565 0.0835 0.2780 0.0857 0.0394 0.0164 0.0016 0.0013  
0.0010 0.0036 0.0043 0.0047 0.0167 0.0008 0.0004 0.0061

AVERAGE SPEED : 39 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Nash Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban local mix and speeds

VTM FRACTIONS :  
0.4459 0.0816 0.2716 0.0837 0.0385 0.0234 0.0023 0.0019  
0.0014 0.0052 0.0062 0.0067 0.0239 0.0012 0.0005 0.0060

AVERAGE SPEED : 34 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural interstate-Nash Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural interstate mix and speeds

VMT FRACTIONS :  
0.2952 0.0656 0.2186 0.0674 0.0310 0.1022 0.0100 0.0082  
0.0063 0.0229 0.0269 0.0292 0.1045 0.0053 0.0024 0.0043

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural principle arterial-Nash Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.3703 0.0823 0.2740 0.0844 0.0388 0.0466 0.0046 0.0037  
0.0029 0.0104 0.0122 0.0133 0.0477 0.0024 0.0011 0.0053

AVERAGE SPEED : 61 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Nash Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.3823 0.0850 0.2829 0.0872 0.0401 0.0376 0.0037 0.0030  
0.0023 0.0084 0.0099 0.0108 0.0385 0.0019 0.0009 0.0055

AVERAGE SPEED : 53 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Nash Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.3944 0.0877 0.2919 0.0899 0.0413 0.0286 0.0028 0.0023  
0.0018 0.0064 0.0075 0.0082 0.0293 0.0015 0.0007 0.0057

AVERAGE SPEED : 52 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Nash Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.3940 0.0875 0.2914 0.0898 0.0413 0.0291 0.0028 0.0023  
0.0018 0.0065 0.0076 0.0083 0.0297 0.0015 0.0007 0.0057

AVERAGE SPEED : 50 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Nash Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.3943 0.0877 0.2920 0.0900 0.0414 0.0285 0.0028 0.0023  
0.0018 0.0064 0.0075 0.0082 0.0292 0.0015 0.0007 0.0057

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban interstate-Nash Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Urban interstate mix and speeds

VMT FRACTIONS :  
0.3544 0.0788 0.2623 0.0808 0.0372 0.0583 0.0057 0.0047  
0.0036 0.0131 0.0153 0.0167 0.0596 0.0030 0.0014 0.0051

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Nash Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.3859 0.0857 0.2854 0.0879 0.0404 0.0351 0.0034 0.0028  
0.0022 0.0079 0.0092 0.0100 0.0359 0.0018 0.0008 0.0056

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Nash Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.3977 0.0883 0.2942 0.0906 0.0417 0.0263 0.0026 0.0021  
0.0016 0.0059 0.0069 0.0075 0.0269 0.0014 0.0006 0.0057

AVERAGE SPEED : 45 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Nash Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.4076 0.0906 0.3016 0.0929 0.0427 0.0189 0.0018 0.0015  
0.0012 0.0042 0.0050 0.0054 0.0193 0.0010 0.0004 0.0059

AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Nash Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :

0.4111 0.0913 0.3041 0.0937 0.0431 0.0163 0.0016 0.0013  
0.0010 0.0037 0.0043 0.0047 0.0167 0.0008 0.0004 0.0059

AVERAGE SPEED : 39 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Urban local-Nash Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.4017 0.0892 0.2971 0.0916 0.0421 0.0233 0.0023 0.0019  
0.0014 0.0052 0.0061 0.0067 0.0239 0.0012 0.0005 0.0058

AVERAGE SPEED : 34 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Rural interstate-Nash Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural interstate mix and speeds

VMT FRACTIONS :  
0.2662 0.0707 0.2353 0.0725 0.0334 0.1021 0.0099 0.0084  
0.0063 0.0228 0.0270 0.0293 0.1042 0.0052 0.0026 0.0041

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Rural principle arterial-Nash Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.3335 0.0887 0.2950 0.0909 0.0418 0.0465 0.0045 0.0038  
0.0029 0.0104 0.0123 0.0134 0.0475 0.0024 0.0012 0.0052

AVERAGE SPEED : 61 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Nash Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.3444 0.0916 0.3046 0.0939 0.0432 0.0376 0.0037 0.0031  
0.0023 0.0084 0.0099 0.0108 0.0383 0.0019 0.0010 0.0053

AVERAGE SPEED : 53 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Nash Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.3554 0.0944 0.3142 0.0968 0.0446 0.0286 0.0028 0.0023  
0.0018 0.0064 0.0076 0.0082 0.0292 0.0015 0.0007 0.0055

AVERAGE SPEED : 52 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Nash Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.3549 0.0943 0.3138 0.0967 0.0445 0.0290 0.0028 0.0024  
0.0018 0.0065 0.0077 0.0083 0.0296 0.0015 0.0007 0.0055

AVERAGE SPEED : 50 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Nash Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.3554 0.0945 0.3143 0.0969 0.0446 0.0285 0.0028 0.0023  
0.0018 0.0064 0.0075 0.0082 0.0291 0.0015 0.0007 0.0055

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban interstate-Nash Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban interstate mix and speeds

VMT FRACTIONS :  
0.3194 0.0849 0.2824 0.0870 0.0401 0.0582 0.0057 0.0048  
0.0036 0.0130 0.0154 0.0167 0.0594 0.0030 0.0015 0.0049

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Nash Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.3473 0.0924 0.3073 0.0947 0.0436 0.0351 0.0034 0.0029  
0.0022 0.0078 0.0093 0.0101 0.0358 0.0018 0.0009 0.0054

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Nash Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.3581 0.0952 0.3167 0.0976 0.0449 0.0263 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0076 0.0269 0.0013 0.0007 0.0055

AVERAGE SPEED : 45 Arterial 0.0 100.0 0.0 0.0  
RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Nash Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.3671 0.0976 0.3247 0.1001 0.0461 0.0189 0.0018 0.0015  
0.0012 0.0042 0.0050 0.0054 0.0192 0.0010 0.0005 0.0057

AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Nash Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.3705 0.0984 0.3274 0.1009 0.0464 0.0163 0.0016 0.0013  
0.0010 0.0036 0.0043 0.0047 0.0167 0.0008 0.0004 0.0057

AVERAGE SPEED : 39 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Nash Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.3618 0.0961 0.3199 0.0986 0.0454 0.0233 0.0023 0.0019  
0.0014 0.0052 0.0062 0.0067 0.0238 0.0012 0.0006 0.0056

AVERAGE SPEED : 34 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural interstate-Nash Co
CALENDAR YEAR        : 2014
EVALUATION MONTH     : 7

> Rural interstate mix and speeds

VMT FRACTIONS        :
0.2443 0.0745 0.2479 0.0764 0.0351 0.1020 0.0099 0.0083
0.0063 0.0230 0.0269 0.0292 0.1044 0.0052 0.0026 0.0040

AVERAGE SPEED        : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural principle arterial-Nash Co
CALENDAR YEAR        : 2014
EVALUATION MONTH     : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS        :
0.3061 0.0934 0.3107 0.0957 0.0440 0.0465 0.0045 0.0038
0.0029 0.0105 0.0123 0.0133 0.0476 0.0024 0.0012 0.0051

AVERAGE SPEED        : 61 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural minor arterial-Nash Co
CALENDAR YEAR        : 2014
EVALUATION MONTH     : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS        :
0.3164 0.0964 0.3209 0.0988 0.0455 0.0375 0.0036 0.0031
0.0023 0.0084 0.0099 0.0107 0.0384 0.0019 0.0010 0.0052

AVERAGE SPEED        : 53 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural major collector-Nash Co
CALENDAR YEAR        : 2014
EVALUATION MONTH     : 7

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> Rural major collector mix and speeds

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VMT FRACTIONS        :

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0.3261 0.0995 0.3310 0.1020 0.0469 0.0286 0.0028 0.0023  
0.0018 0.0064 0.0075 0.0082 0.0293 0.0015 0.0007 0.0054

AVERAGE SPEED : 52 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Nash Co

CALENDAR YEAR : 2014

EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.3259 0.0993 0.3305 0.1018 0.0468 0.0290 0.0028 0.0024  
0.0018 0.0065 0.0076 0.0083 0.0297 0.0015 0.0007 0.0054

AVERAGE SPEED : 50 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Nash Co

CALENDAR YEAR : 2014

EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.3264 0.0995 0.3311 0.1020 0.0469 0.0285 0.0028 0.0023  
0.0017 0.0064 0.0075 0.0082 0.0291 0.0015 0.0007 0.0054

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban interstate-Nash Co

CALENDAR YEAR : 2014

EVALUATION MONTH : 7

> Urban interstate mix and speeds

VMT FRACTIONS :  
0.2932 0.0894 0.2975 0.0916 0.0421 0.0582 0.0057 0.0048  
0.0036 0.0131 0.0153 0.0167 0.0595 0.0030 0.0015 0.0048

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Nash Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.3189 0.0973 0.3237 0.0997 0.0458 0.0351 0.0034 0.0029  
0.0022 0.0079 0.0092 0.0100 0.0359 0.0018 0.0009 0.0053

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Nash Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.3287 0.1003 0.3336 0.1028 0.0473 0.0263 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0075 0.0269 0.0013 0.0007 0.0054

AVERAGE SPEED : 45 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Nash Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.3371 0.1028 0.3420 0.1054 0.0484 0.0188 0.0018 0.0015  
0.0012 0.0042 0.0050 0.0054 0.0193 0.0010 0.0005 0.0056

AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Nash Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.3399 0.1037 0.3449 0.1062 0.0489 0.0163 0.0016 0.0013  
0.0010 0.0037 0.0043 0.0047 0.0167 0.0008 0.0004 0.0056

AVERAGE SPEED : 39 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Urban local-Nash Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.3322 0.1013 0.3370 0.1038 0.0477 0.0233 0.0023 0.0019  
0.0014 0.0052 0.0061 0.0067 0.0238 0.0012 0.0006 0.0055

AVERAGE SPEED : 34 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Rural interstate-Nash Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural interstate mix and speeds

VMT FRACTIONS :  
0.2289 0.0771 0.2568 0.0791 0.0364 0.1018 0.0101 0.0086  
0.0062 0.0228 0.0270 0.0293 0.1041 0.0052 0.0026 0.0040

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Rural principle arterial-Nash Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.2868 0.0966 0.3219 0.0992 0.0456 0.0464 0.0046 0.0039  
0.0028 0.0104 0.0123 0.0134 0.0475 0.0024 0.0012 0.0050

AVERAGE SPEED : 61 Non-Ramp 100.0 0.0 0.0 0.0  
RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Nash Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.2963 0.0998 0.3324 0.1024 0.0471 0.0374 0.0037 0.0032  
0.0023 0.0084 0.0099 0.0108 0.0383 0.0019 0.0010 0.0051

AVERAGE SPEED : 53 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Nash Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.3055 0.1030 0.3429 0.1057 0.0486 0.0285 0.0028 0.0024  
0.0017 0.0064 0.0076 0.0082 0.0292 0.0015 0.0007 0.0053

AVERAGE SPEED : 52 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Nash Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.3051 0.1028 0.3424 0.1055 0.0485 0.0290 0.0029 0.0024  
0.0018 0.0065 0.0077 0.0083 0.0296 0.0015 0.0007 0.0053

AVERAGE SPEED : 50 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Rural local-Nash Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.3058 0.1030 0.3430 0.1057 0.0486 0.0284 0.0028 0.0024  
0.0017 0.0064 0.0075 0.0082 0.0291 0.0014 0.0007 0.0053

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Urban interstate-Nash Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban interstate mix and speeds

VMT FRACTIONS :  
0.2744 0.0925 0.3082 0.0950 0.0437 0.0581 0.0058 0.0049  
0.0036 0.0130 0.0154 0.0167 0.0594 0.0030 0.0015 0.0048

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Urban freeway-Nash Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.2987 0.1007 0.3353 0.1033 0.0475 0.0350 0.0035 0.0029  
0.0021 0.0079 0.0093 0.0101 0.0358 0.0018 0.0009 0.0052

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Urban principle arterial-Nash Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

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VMT FRACTIONS      :
0.3079 0.1038 0.3456 0.1065 0.0490 0.0262 0.0026 0.0022
0.0016 0.0059 0.0070 0.0076 0.0268 0.0013 0.0007 0.0053

AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY   : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                     58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES     : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban minor arterial-Nash Co
CALENDAR YEAR        : 2017
EVALUATION MONTH     : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS      :
0.3156 0.1064 0.3543 0.1092 0.0502 0.0188 0.0019 0.0016
0.0012 0.0042 0.0050 0.0054 0.0192 0.0010 0.0005 0.0055

AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY   : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                     58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES     : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban collector-Nash Co
CALENDAR YEAR        : 2017
EVALUATION MONTH     : 7

> Urban collector mix and speeds

VMT FRACTIONS      :
0.3184 0.1073 0.3573 0.1101 0.0506 0.0163 0.0016 0.0014
0.0010 0.0037 0.0043 0.0047 0.0166 0.0008 0.0004 0.0055

AVERAGE SPEED      : 40 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY   : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                     58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES     : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban local-Nash Co
CALENDAR YEAR        : 2017
EVALUATION MONTH     : 7

> Urban local mix and speeds

VMT FRACTIONS      :
0.3109 0.1048 0.3491 0.1076 0.0495 0.0233 0.0023 0.0020
0.0014 0.0052 0.0062 0.0067 0.0238 0.0012 0.0006 0.0054

AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY   : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.

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58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural principle arterial-Edgecombe Co
CALENDAR YEAR        : 2005
EVALUATION MONTH     : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS        :
0.4111 0.0752 0.2505 0.0772 0.0355 0.0467 0.0046 0.0037
0.0028 0.0104 0.0123 0.0134 0.0476 0.0024 0.0011 0.0055

AVERAGE SPEED        : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural minor arterial-Edgecombe Co
CALENDAR YEAR        : 2005
EVALUATION MONTH     : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS        :
0.4248 0.0777 0.2587 0.0797 0.0366 0.0376 0.0037 0.0030
0.0022 0.0084 0.0099 0.0108 0.0384 0.0019 0.0009 0.0057

AVERAGE SPEED        : 51 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural major collector-Edgecombe Co
CALENDAR YEAR        : 2005
EVALUATION MONTH     : 7

> Rural major collector mix and speeds

VMT FRACTIONS        :
0.4380 0.0801 0.2668 0.0822 0.0378 0.0287 0.0028 0.0023
0.0017 0.0064 0.0076 0.0082 0.0293 0.0015 0.0007 0.0059

AVERAGE SPEED        : 53 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural minor collector-Edgecombe Co
CALENDAR YEAR        : 2005

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EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.4375 0.0800 0.2664 0.0821 0.0377 0.0291 0.0029 0.0023  
0.0017 0.0065 0.0077 0.0083 0.0297 0.0015 0.0007 0.0059

AVERAGE SPEED : 52 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Edgecombe Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.4383 0.0802 0.2669 0.0822 0.0378 0.0286 0.0028 0.0023  
0.0017 0.0063 0.0075 0.0082 0.0291 0.0015 0.0007 0.0059

AVERAGE SPEED : 47 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Edgecombe Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.4282 0.0784 0.2609 0.0804 0.0370 0.0352 0.0035 0.0028  
0.0021 0.0078 0.0093 0.0101 0.0359 0.0018 0.0008 0.0058

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Edgecombe Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.4414 0.0808 0.2689 0.0829 0.0381 0.0264 0.0026 0.0021  
0.0016 0.0059 0.0069 0.0076 0.0269 0.0014 0.0006 0.0059

AVERAGE SPEED : 35 Arterial 0.0 100.0 0.0 0.0  
RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Edgecombe Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.4526 0.0828 0.2757 0.0850 0.0391 0.0189 0.0019 0.0015  
0.0011 0.0042 0.0050 0.0054 0.0193 0.0010 0.0004 0.0061

AVERAGE SPEED : 41 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Edgecombe Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.4565 0.0835 0.2780 0.0857 0.0394 0.0164 0.0016 0.0013  
0.0010 0.0036 0.0043 0.0047 0.0167 0.0008 0.0004 0.0061

AVERAGE SPEED : 40 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Edgecombe Co  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.4459 0.0816 0.2716 0.0837 0.0385 0.0234 0.0023 0.0019  
0.0014 0.0052 0.0062 0.0067 0.0239 0.0012 0.0005 0.0060

AVERAGE SPEED : 37 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural principle arterial-Edgecombe Co
CALENDAR YEAR        : 2008
EVALUATION MONTH     : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS        :
0.3703 0.0823 0.2740 0.0844 0.0388 0.0466 0.0046 0.0037
0.0029 0.0104 0.0122 0.0133 0.0477 0.0024 0.0011 0.0053

AVERAGE SPEED        : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural minor arterial-Edgecombe Co
CALENDAR YEAR        : 2008
EVALUATION MONTH     : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS        :
0.3823 0.0850 0.2829 0.0872 0.0401 0.0376 0.0037 0.0030
0.0023 0.0084 0.0099 0.0108 0.0385 0.0019 0.0009 0.0055

AVERAGE SPEED        : 51 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural major collector-Edgecombe Co
CALENDAR YEAR        : 2008
EVALUATION MONTH     : 7

> Rural major collector mix and speeds

VMT FRACTIONS        :
0.3944 0.0877 0.2919 0.0899 0.0413 0.0286 0.0028 0.0023
0.0018 0.0064 0.0075 0.0082 0.0293 0.0015 0.0007 0.0057

AVERAGE SPEED        : 53 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural minor collector-Edgecombe Co
CALENDAR YEAR        : 2008
EVALUATION MONTH     : 7

> Rural minor collector mix and speeds

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VMT FRACTIONS :  
 0.3940 0.0875 0.2914 0.0898 0.0413 0.0291 0.0028 0.0023  
 0.0018 0.0065 0.0076 0.0083 0.0297 0.0015 0.0007 0.0057  
  
 AVERAGE SPEED : 52 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Rural local-Edgecombe Co  
 CALENDAR YEAR : 2008  
 EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
 0.3943 0.0877 0.2920 0.0900 0.0414 0.0285 0.0028 0.0023  
 0.0018 0.0064 0.0075 0.0082 0.0292 0.0015 0.0007 0.0057  
  
 AVERAGE SPEED : 47 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Urban freeway-Edgecombe Co  
 CALENDAR YEAR : 2008  
 EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
 0.3859 0.0857 0.2854 0.0879 0.0404 0.0351 0.0034 0.0028  
 0.0022 0.0079 0.0092 0.0100 0.0359 0.0018 0.0008 0.0056  
  
 AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Urban principle arterial-Edgecombe Co  
 CALENDAR YEAR : 2008  
 EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
 0.3977 0.0883 0.2942 0.0906 0.0417 0.0263 0.0026 0.0021  
 0.0016 0.0059 0.0069 0.0075 0.0269 0.0014 0.0006 0.0057  
  
 AVERAGE SPEED : 35 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Edgecombe Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.4076 0.0906 0.3016 0.0929 0.0427 0.0189 0.0018 0.0015  
0.0012 0.0042 0.0050 0.0054 0.0193 0.0010 0.0004 0.0059

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Edgecombe Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.4111 0.0913 0.3041 0.0937 0.0431 0.0163 0.0016 0.0013  
0.0010 0.0037 0.0043 0.0047 0.0167 0.0008 0.0004 0.0059

AVERAGE SPEED : 40 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Edgecombe Co  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.4017 0.0892 0.2971 0.0916 0.0421 0.0233 0.0023 0.0019  
0.0014 0.0052 0.0061 0.0067 0.0239 0.0012 0.0005 0.0058

AVERAGE SPEED : 38 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural principle arterial-Edgecombe Co

CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.3335 0.0887 0.2950 0.0909 0.0418 0.0465 0.0045 0.0038  
0.0029 0.0104 0.0123 0.0134 0.0475 0.0024 0.0012 0.0052

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Edgecombe Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.3444 0.0916 0.3046 0.0939 0.0432 0.0376 0.0037 0.0031  
0.0023 0.0084 0.0099 0.0108 0.0383 0.0019 0.0010 0.0053

AVERAGE SPEED : 51 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Edgecombe Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.3554 0.0944 0.3142 0.0968 0.0446 0.0286 0.0028 0.0023  
0.0018 0.0064 0.0076 0.0082 0.0292 0.0015 0.0007 0.0055

AVERAGE SPEED : 53 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Edgecombe Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.3549 0.0943 0.3138 0.0967 0.0445 0.0290 0.0028 0.0024

0.0018 0.0065 0.0077 0.0083 0.0296 0.0015 0.0007 0.0055

AVERAGE SPEED : 52 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Edgecombe Co

CALENDAR YEAR : 2011

EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.3554 0.0945 0.3143 0.0969 0.0446 0.0285 0.0028 0.0023  
0.0018 0.0064 0.0075 0.0082 0.0291 0.0015 0.0007 0.0055

AVERAGE SPEED : 47 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Edgecombe Co

CALENDAR YEAR : 2011

EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.3473 0.0924 0.3073 0.0947 0.0436 0.0351 0.0034 0.0029  
0.0022 0.0078 0.0093 0.0101 0.0358 0.0018 0.0009 0.0054

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Edgecombe Co

CALENDAR YEAR : 2011

EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.3581 0.0952 0.3167 0.0976 0.0449 0.0263 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0076 0.0269 0.0013 0.0007 0.0055

AVERAGE SPEED : 35 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Edgecombe Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.3671 0.0976 0.3247 0.1001 0.0461 0.0189 0.0018 0.0015  
0.0012 0.0042 0.0050 0.0054 0.0192 0.0010 0.0005 0.0057

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Edgecombe Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.3705 0.0984 0.3274 0.1009 0.0464 0.0163 0.0016 0.0013  
0.0010 0.0036 0.0043 0.0047 0.0167 0.0008 0.0004 0.0057

AVERAGE SPEED : 40 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Edgecombe Co  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.3618 0.0961 0.3199 0.0986 0.0454 0.0233 0.0023 0.0019  
0.0014 0.0052 0.0062 0.0067 0.0238 0.0012 0.0006 0.0056

AVERAGE SPEED : 38 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural principle arterial-Edgecombe Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.3061 0.0934 0.3107 0.0957 0.0440 0.0465 0.0045 0.0038  
0.0029 0.0105 0.0123 0.0133 0.0476 0.0024 0.0012 0.0051

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Edgecombe Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.3164 0.0964 0.3209 0.0988 0.0455 0.0375 0.0036 0.0031  
0.0023 0.0084 0.0099 0.0107 0.0384 0.0019 0.0010 0.0052

AVERAGE SPEED : 51 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Edgecombe Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.3261 0.0995 0.3310 0.1020 0.0469 0.0286 0.0028 0.0023  
0.0018 0.0064 0.0075 0.0082 0.0293 0.0015 0.0007 0.0054

AVERAGE SPEED : 53 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Edgecombe Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.3259 0.0993 0.3305 0.1018 0.0468 0.0290 0.0028 0.0024  
0.0018 0.0065 0.0076 0.0083 0.0297 0.0015 0.0007 0.0054

AVERAGE SPEED : 52 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Edgecombe Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.3264 0.0995 0.3311 0.1020 0.0469 0.0285 0.0028 0.0023  
0.0017 0.0064 0.0075 0.0082 0.0291 0.0015 0.0007 0.0054

AVERAGE SPEED : 47 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Edgecombe Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.3189 0.0973 0.3237 0.0997 0.0458 0.0351 0.0034 0.0029  
0.0022 0.0079 0.0092 0.0100 0.0359 0.0018 0.0009 0.0053

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Edgecombe Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.3287 0.1003 0.3336 0.1028 0.0473 0.0263 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0075 0.0269 0.0013 0.0007 0.0054

AVERAGE SPEED : 35 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Edgecombe Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.3371 0.1028 0.3420 0.1054 0.0484 0.0188 0.0018 0.0015  
0.0012 0.0042 0.0050 0.0054 0.0193 0.0010 0.0005 0.0056

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Edgecombe Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.3399 0.1037 0.3449 0.1062 0.0489 0.0163 0.0016 0.0013  
0.0010 0.0037 0.0043 0.0047 0.0167 0.0008 0.0004 0.0056

AVERAGE SPEED : 40 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Edgecombe Co  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.3322 0.1013 0.3370 0.1038 0.0477 0.0233 0.0023 0.0019  
0.0014 0.0052 0.0061 0.0067 0.0238 0.0012 0.0006 0.0055

AVERAGE SPEED : 38 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural principle arterial-Edgecombe Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :

0.2868 0.0966 0.3219 0.0992 0.0456 0.0464 0.0046 0.0039  
0.0028 0.0104 0.0123 0.0134 0.0475 0.0024 0.0012 0.0050

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Edgecombe Co

CALENDAR YEAR : 2017

EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.2963 0.0998 0.3324 0.1024 0.0471 0.0374 0.0037 0.0032  
0.0023 0.0084 0.0099 0.0108 0.0383 0.0019 0.0010 0.0051

AVERAGE SPEED : 52 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Edgecombe Co

CALENDAR YEAR : 2017

EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.3055 0.1030 0.3429 0.1057 0.0486 0.0285 0.0028 0.0024  
0.0017 0.0064 0.0076 0.0082 0.0292 0.0015 0.0007 0.0053

AVERAGE SPEED : 53 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Edgecombe Co

CALENDAR YEAR : 2017

EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.3051 0.1028 0.3424 0.1055 0.0485 0.0290 0.0029 0.0024  
0.0018 0.0065 0.0077 0.0083 0.0296 0.0015 0.0007 0.0053

AVERAGE SPEED : 52 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Edgecombe Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.3058 0.1030 0.3430 0.1057 0.0486 0.0284 0.0028 0.0024  
0.0017 0.0064 0.0075 0.0082 0.0291 0.0014 0.0007 0.0053

AVERAGE SPEED : 47 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Edgecombe Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.2987 0.1007 0.3353 0.1033 0.0475 0.0350 0.0035 0.0029  
0.0021 0.0079 0.0093 0.0101 0.0358 0.0018 0.0009 0.0052

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Edgecombe Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.3079 0.1038 0.3456 0.1065 0.0490 0.0262 0.0026 0.0022  
0.0016 0.0059 0.0070 0.0076 0.0268 0.0013 0.0007 0.0053

AVERAGE SPEED : 35 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Edgecombe Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.3156 0.1064 0.3543 0.1092 0.0502 0.0188 0.0019 0.0016  
0.0012 0.0042 0.0050 0.0054 0.0192 0.0010 0.0005 0.0055

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Edgecombe Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.3184 0.1073 0.3573 0.1101 0.0506 0.0163 0.0016 0.0014  
0.0010 0.0037 0.0043 0.0047 0.0166 0.0008 0.0004 0.0055

AVERAGE SPEED : 40 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Edgecombe Co  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.3109 0.1048 0.3491 0.1076 0.0495 0.0233 0.0023 0.0020  
0.0014 0.0052 0.0062 0.0067 0.0238 0.0012 0.0006 0.0054

AVERAGE SPEED : 38 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

END OF RUN :

## RMRUR.IN

MOBILE6 INPUT FILE :

> Rocky Mount Area O3 I/M Redesignation Analysis2-20

POLLUTANTS : HC NOX  
SPREADSHEET : ROCKY MOUNT AREA  
RUN DATA :

\*\*\*\*\* RUN SECTION \*\*\*\*\*  
FUEL RVP : 9.0

HOURLY TEMPERATURES: 73. 73. 74. 76. 78. 80. 82. 84. 86. 88. 88. 88.  
86. 85. 84. 81. 79. 77. 75. 74. 73. 73. 73. 73.

REG DIST : NCage04.prn

> OBDII

I/M PROGRAM : 1 2005 2050 1 TRC OBD I/M  
I/M MODEL YEARS : 1 1996 2050  
I/M VEHICLES : 1 22222 11111111 1  
I/M STRINGENCY : 1 10.0  
I/M COMPLIANCE : 1 95.0  
I/M WAIVER RATES : 1 5.0 5.0

I/M PROGRAM : 2 2005 2050 1 TRC EVAP OBD  
I/M MODEL YEARS : 2 1996 2050  
I/M VEHICLES : 2 22222 11111111 1  
I/M STRINGENCY : 2 10.0  
I/M COMPLIANCE : 2 95.0  
I/M WAIVER RATES : 2 5.0 5.0

ANTI-TAMP PROG :  
91 68 50 22222 22222222 2 11 095. 22212222

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Rural interstate-Nash Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural interstate mix and speeds

VMT FRACTIONS :  
0.3282 0.0600 0.1998 0.0616 0.0283 0.1023 0.0100 0.0082  
0.0061 0.0227 0.0270 0.0293 0.1044 0.0053 0.0024 0.0044

AVERAGE SPEED : 66 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Rural principle arterial-Nash Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
 0.4111 0.0752 0.2505 0.0772 0.0355 0.0467 0.0046 0.0037  
 0.0028 0.0104 0.0123 0.0134 0.0476 0.0024 0.0011 0.0055  
  
 AVERAGE SPEED : 47 Non-Ramp 100.0 0.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Rural minor arterial-Nash Co-RURAL  
 CALENDAR YEAR : 2005  
 EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
 0.4248 0.0777 0.2587 0.0797 0.0366 0.0376 0.0037 0.0030  
 0.0022 0.0084 0.0099 0.0108 0.0384 0.0019 0.0009 0.0057  
  
 AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Rural major collector-Nash Co-RURAL  
 CALENDAR YEAR : 2005  
 EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
 0.4380 0.0801 0.2668 0.0822 0.0378 0.0287 0.0028 0.0023  
 0.0017 0.0064 0.0076 0.0082 0.0293 0.0015 0.0007 0.0059  
  
 AVERAGE SPEED : 43 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Rural minor collector-Nash Co-RURAL  
 CALENDAR YEAR : 2005  
 EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
 0.4375 0.0800 0.2664 0.0821 0.0377 0.0291 0.0029 0.0023  
 0.0017 0.0065 0.0077 0.0083 0.0297 0.0015 0.0007 0.0059  
  
 AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Nash Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.4383 0.0802 0.2669 0.0822 0.0378 0.0286 0.0028 0.0023  
0.0017 0.0063 0.0075 0.0082 0.0291 0.0015 0.0007 0.0059

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Nash Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.4282 0.0784 0.2609 0.0804 0.0370 0.0352 0.0035 0.0028  
0.0021 0.0078 0.0093 0.0101 0.0359 0.0018 0.0008 0.0058

AVERAGE SPEED : 56 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Nash Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.4414 0.0808 0.2689 0.0829 0.0381 0.0264 0.0026 0.0021  
0.0016 0.0059 0.0069 0.0076 0.0269 0.0014 0.0006 0.0059

AVERAGE SPEED : 29 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Nash Co-RURAL

CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.4526 0.0828 0.2757 0.0850 0.0391 0.0189 0.0019 0.0015  
0.0011 0.0042 0.0050 0.0054 0.0193 0.0010 0.0004 0.0061

AVERAGE SPEED : 32 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Urban collector-Nash Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.4565 0.0835 0.2780 0.0857 0.0394 0.0164 0.0016 0.0013  
0.0010 0.0036 0.0043 0.0047 0.0167 0.0008 0.0004 0.0061

AVERAGE SPEED : 31 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Urban local-Nash Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.4459 0.0816 0.2716 0.0837 0.0385 0.0234 0.0023 0.0019  
0.0014 0.0052 0.0062 0.0067 0.0239 0.0012 0.0005 0.0060

AVERAGE SPEED : 30 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Rural interstate-Nash Co-RURAL  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural interstate mix and speeds

VMT FRACTIONS :  
0.2952 0.0656 0.2186 0.0674 0.0310 0.1022 0.0100 0.0082

0.0063 0.0229 0.0269 0.0292 0.1045 0.0053 0.0024 0.0043

AVERAGE SPEED : 66 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural principle arterial-Nash Co-RURAL

CALENDAR YEAR : 2008

EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.3703 0.0823 0.2740 0.0844 0.0388 0.0466 0.0046 0.0037  
0.0029 0.0104 0.0122 0.0133 0.0477 0.0024 0.0011 0.0053

AVERAGE SPEED : 47 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Nash Co-RURAL

CALENDAR YEAR : 2008

EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.3823 0.0850 0.2829 0.0872 0.0401 0.0376 0.0037 0.0030  
0.0023 0.0084 0.0099 0.0108 0.0385 0.0019 0.0009 0.0055

AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Nash Co-RURAL

CALENDAR YEAR : 2008

EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.3944 0.0877 0.2919 0.0899 0.0413 0.0286 0.0028 0.0023  
0.0018 0.0064 0.0075 0.0082 0.0293 0.0015 0.0007 0.0057

AVERAGE SPEED : 43 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Nash Co-RURAL  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.3940 0.0875 0.2914 0.0898 0.0413 0.0291 0.0028 0.0023  
0.0018 0.0065 0.0076 0.0083 0.0297 0.0015 0.0007 0.0057

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Nash Co-RURAL  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.3943 0.0877 0.2920 0.0900 0.0414 0.0285 0.0028 0.0023  
0.0018 0.0064 0.0075 0.0082 0.0292 0.0015 0.0007 0.0057

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Nash Co-RURAL  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.3859 0.0857 0.2854 0.0879 0.0404 0.0351 0.0034 0.0028  
0.0022 0.0079 0.0092 0.0100 0.0359 0.0018 0.0008 0.0056

AVERAGE SPEED : 56 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Nash Co-RURAL  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.3977 0.0883 0.2942 0.0906 0.0417 0.0263 0.0026 0.0021  
0.0016 0.0059 0.0069 0.0075 0.0269 0.0014 0.0006 0.0057

AVERAGE SPEED : 29 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Nash Co-RURAL  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.4076 0.0906 0.3016 0.0929 0.0427 0.0189 0.0018 0.0015  
0.0012 0.0042 0.0050 0.0054 0.0193 0.0010 0.0004 0.0059

AVERAGE SPEED : 32 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Nash Co-RURAL  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.4111 0.0913 0.3041 0.0937 0.0431 0.0163 0.0016 0.0013  
0.0010 0.0037 0.0043 0.0047 0.0167 0.0008 0.0004 0.0059

AVERAGE SPEED : 31 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Nash Co-RURAL  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.4017 0.0892 0.2971 0.0916 0.0421 0.0233 0.0023 0.0019  
0.0014 0.0052 0.0061 0.0067 0.0239 0.0012 0.0005 0.0058

AVERAGE SPEED : 30 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural interstate-Nash Co-RURAL  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural interstate mix and speeds

VMF FRACTIONS :  
0.2662 0.0707 0.2353 0.0725 0.0334 0.1021 0.0099 0.0084  
0.0063 0.0228 0.0270 0.0293 0.1042 0.0052 0.0026 0.0041

AVERAGE SPEED : 66 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural principle arterial-Nash Co-RURAL  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMF FRACTIONS :  
0.3335 0.0887 0.2950 0.0909 0.0418 0.0465 0.0045 0.0038  
0.0029 0.0104 0.0123 0.0134 0.0475 0.0024 0.0012 0.0052

AVERAGE SPEED : 47 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Nash Co-RURAL  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMF FRACTIONS :  
0.3444 0.0916 0.3046 0.0939 0.0432 0.0376 0.0037 0.0031  
0.0023 0.0084 0.0099 0.0108 0.0383 0.0019 0.0010 0.0053

AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Nash Co-RURAL  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.3554 0.0944 0.3142 0.0968 0.0446 0.0286 0.0028 0.0023  
0.0018 0.0064 0.0076 0.0082 0.0292 0.0015 0.0007 0.0055

AVERAGE SPEED : 43 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Nash Co-RURAL  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.3549 0.0943 0.3138 0.0967 0.0445 0.0290 0.0028 0.0024  
0.0018 0.0065 0.0077 0.0083 0.0296 0.0015 0.0007 0.0055

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Nash Co-RURAL  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.3554 0.0945 0.3143 0.0969 0.0446 0.0285 0.0028 0.0023  
0.0018 0.0064 0.0075 0.0082 0.0291 0.0015 0.0007 0.0055

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Nash Co-RURAL  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :

0.3473 0.0924 0.3073 0.0947 0.0436 0.0351 0.0034 0.0029  
0.0022 0.0078 0.0093 0.0101 0.0358 0.0018 0.0009 0.0054

AVERAGE SPEED : 56 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Nash Co-RURAL

CALENDAR YEAR : 2011

EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.3581 0.0952 0.3167 0.0976 0.0449 0.0263 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0076 0.0269 0.0013 0.0007 0.0055

AVERAGE SPEED : 29 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Nash Co-RURAL

CALENDAR YEAR : 2011

EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.3671 0.0976 0.3247 0.1001 0.0461 0.0189 0.0018 0.0015  
0.0012 0.0042 0.0050 0.0054 0.0192 0.0010 0.0005 0.0057

AVERAGE SPEED : 32 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Nash Co-RURAL

CALENDAR YEAR : 2011

EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.3705 0.0984 0.3274 0.1009 0.0464 0.0163 0.0016 0.0013  
0.0010 0.0036 0.0043 0.0047 0.0167 0.0008 0.0004 0.0057

AVERAGE SPEED : 31 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Nash Co-RURAL  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.3618 0.0961 0.3199 0.0986 0.0454 0.0233 0.0023 0.0019  
0.0014 0.0052 0.0062 0.0067 0.0238 0.0012 0.0006 0.0056

AVERAGE SPEED : 30 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural interstate-Nash Co-RURAL  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural interstate mix and speeds

VMT FRACTIONS :  
0.2443 0.0745 0.2479 0.0764 0.0351 0.1020 0.0099 0.0083  
0.0063 0.0230 0.0269 0.0292 0.1044 0.0052 0.0026 0.0040

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural principle arterial-Nash Co-RURAL  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.3061 0.0934 0.3107 0.0957 0.0440 0.0465 0.0045 0.0038  
0.0029 0.0105 0.0123 0.0133 0.0476 0.0024 0.0012 0.0051

AVERAGE SPEED : 47 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Nash Co-RURAL  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.3164 0.0964 0.3209 0.0988 0.0455 0.0375 0.0036 0.0031  
0.0023 0.0084 0.0099 0.0107 0.0384 0.0019 0.0010 0.0052

AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Nash Co-RURAL  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.3261 0.0995 0.3310 0.1020 0.0469 0.0286 0.0028 0.0023  
0.0018 0.0064 0.0075 0.0082 0.0293 0.0015 0.0007 0.0054

AVERAGE SPEED : 43 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Nash Co-RURAL  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.3259 0.0993 0.3305 0.1018 0.0468 0.0290 0.0028 0.0024  
0.0018 0.0065 0.0076 0.0083 0.0297 0.0015 0.0007 0.0054

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Nash Co-RURAL  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.3264 0.0995 0.3311 0.1020 0.0469 0.0285 0.0028 0.0023  
0.0017 0.0064 0.0075 0.0082 0.0291 0.0015 0.0007 0.0054

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0  
RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Urban freeway-Nash Co-RURAL  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.3189 0.0973 0.3237 0.0997 0.0458 0.0351 0.0034 0.0029  
0.0022 0.0079 0.0092 0.0100 0.0359 0.0018 0.0009 0.0053

AVERAGE SPEED : 56 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Urban principle arterial-Nash Co-RURAL  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.3287 0.1003 0.3336 0.1028 0.0473 0.0263 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0075 0.0269 0.0013 0.0007 0.0054

AVERAGE SPEED : 29 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Urban minor arterial-Nash Co-RURAL  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.3371 0.1028 0.3420 0.1054 0.0484 0.0188 0.0018 0.0015  
0.0012 0.0042 0.0050 0.0054 0.0193 0.0010 0.0005 0.0056

AVERAGE SPEED : 32 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban collector-Nash Co-RURAL
CALENDAR YEAR       : 2014
EVALUATION MONTH    : 7

> Urban collector mix and speeds

VMT FRACTIONS       :
0.3399 0.1037 0.3449 0.1062 0.0489 0.0163 0.0016 0.0013
0.0010 0.0037 0.0043 0.0047 0.0167 0.0008 0.0004 0.0056

AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY   : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                     58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES     : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban local-Nash Co-RURAL
CALENDAR YEAR       : 2014
EVALUATION MONTH    : 7

> Urban local mix and speeds

VMT FRACTIONS       :
0.3322 0.1013 0.3370 0.1038 0.0477 0.0233 0.0023 0.0019
0.0014 0.0052 0.0061 0.0067 0.0238 0.0012 0.0006 0.0055

AVERAGE SPEED      : 30 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY   : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                     58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES     : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural interstate-Nash Co-RURAL
CALENDAR YEAR       : 2017
EVALUATION MONTH    : 7

> Rural interstate mix and speeds

VMT FRACTIONS       :
0.2289 0.0771 0.2568 0.0791 0.0364 0.1018 0.0101 0.0086
0.0062 0.0228 0.0270 0.0293 0.1041 0.0052 0.0026 0.0040

AVERAGE SPEED      : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY   : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                     58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES     : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural principle arterial-Nash Co-RURAL
CALENDAR YEAR       : 2017
EVALUATION MONTH    : 7

> Rural other principle arterial mix and speeds

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VMT FRACTIONS :  
 0.2868 0.0966 0.3219 0.0992 0.0456 0.0464 0.0046 0.0039  
 0.0028 0.0104 0.0123 0.0134 0.0475 0.0024 0.0012 0.0050  
  
 AVERAGE SPEED : 47 Non-Ramp 100.0 0.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Rural minor arterial-Nash Co-RURAL  
 CALENDAR YEAR : 2017  
 EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
 0.2963 0.0998 0.3324 0.1024 0.0471 0.0374 0.0037 0.0032  
 0.0023 0.0084 0.0099 0.0108 0.0383 0.0019 0.0010 0.0051  
  
 AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Rural major collector-Nash Co-RURAL  
 CALENDAR YEAR : 2017  
 EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
 0.3055 0.1030 0.3429 0.1057 0.0486 0.0285 0.0028 0.0024  
 0.0017 0.0064 0.0076 0.0082 0.0292 0.0015 0.0007 0.0053  
  
 AVERAGE SPEED : 43 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Rural minor collector-Nash Co-RURAL  
 CALENDAR YEAR : 2017  
 EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
 0.3051 0.1028 0.3424 0.1055 0.0485 0.0290 0.0029 0.0024  
 0.0018 0.0065 0.0077 0.0083 0.0296 0.0015 0.0007 0.0053  
  
 AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.

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58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural local-Nash Co-RURAL
CALENDAR YEAR        : 2017
EVALUATION MONTH     : 7

> Rural local mix and speeds

VMT FRACTIONS        :
0.3058 0.1030 0.3430 0.1057 0.0486 0.0284 0.0028 0.0024
0.0017 0.0064 0.0075 0.0082 0.0291 0.0014 0.0007 0.0053

AVERAGE SPEED        : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban freeway-Nash Co-RURAL
CALENDAR YEAR        : 2017
EVALUATION MONTH     : 7

> Urban freeway mix and speeds

VMT FRACTIONS        :
0.2987 0.1007 0.3353 0.1033 0.0475 0.0350 0.0035 0.0029
0.0021 0.0079 0.0093 0.0101 0.0358 0.0018 0.0009 0.0052

AVERAGE SPEED        : 56 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban principle arterial-Nash Co-RURAL
CALENDAR YEAR        : 2017
EVALUATION MONTH     : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS        :
0.3079 0.1038 0.3456 0.1065 0.0490 0.0262 0.0026 0.0022
0.0016 0.0059 0.0070 0.0076 0.0268 0.0013 0.0007 0.0053

AVERAGE SPEED        : 29 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban minor arterial-Nash Co-RURAL
CALENDAR YEAR        : 2017

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EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.3156 0.1064 0.3543 0.1092 0.0502 0.0188 0.0019 0.0016  
0.0012 0.0042 0.0050 0.0054 0.0192 0.0010 0.0005 0.0055

AVERAGE SPEED : 32 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Nash Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.3184 0.1073 0.3573 0.1101 0.0506 0.0163 0.0016 0.0014  
0.0010 0.0037 0.0043 0.0047 0.0166 0.0008 0.0004 0.0055

AVERAGE SPEED : 31 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Nash Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.3109 0.1048 0.3491 0.1076 0.0495 0.0233 0.0023 0.0020  
0.0014 0.0052 0.0062 0.0067 0.0238 0.0012 0.0006 0.0054

AVERAGE SPEED : 30 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural principle arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.4111 0.0752 0.2505 0.0772 0.0355 0.0467 0.0046 0.0037  
0.0028 0.0104 0.0123 0.0134 0.0476 0.0024 0.0011 0.0055

AVERAGE SPEED : 45 Non-Ramp 100.0 0.0 0.0 0.0  
RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.4248 0.0777 0.2587 0.0797 0.0366 0.0376 0.0037 0.0030  
0.0022 0.0084 0.0099 0.0108 0.0384 0.0019 0.0009 0.0057

AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Edgecombe Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.4380 0.0801 0.2668 0.0822 0.0378 0.0287 0.0028 0.0023  
0.0017 0.0064 0.0076 0.0082 0.0293 0.0015 0.0007 0.0059

AVERAGE SPEED : 43 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Edgecombe Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.4375 0.0800 0.2664 0.0821 0.0377 0.0291 0.0029 0.0023  
0.0017 0.0065 0.0077 0.0083 0.0297 0.0015 0.0007 0.0059

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Edgecombe Co-RURAL  
 CALENDAR YEAR : 2005  
 EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
 0.4383 0.0802 0.2669 0.0822 0.0378 0.0286 0.0028 0.0023  
 0.0017 0.0063 0.0075 0.0082 0.0291 0.0015 0.0007 0.0059

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Edgecombe Co-RURAL  
 CALENDAR YEAR : 2005  
 EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
 0.4282 0.0784 0.2609 0.0804 0.0370 0.0352 0.0035 0.0028  
 0.0021 0.0078 0.0093 0.0101 0.0359 0.0018 0.0008 0.0058

AVERAGE SPEED : 56 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Edgecombe Co-RURAL  
 CALENDAR YEAR : 2005  
 EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
 0.4414 0.0808 0.2689 0.0829 0.0381 0.0264 0.0026 0.0021  
 0.0016 0.0059 0.0069 0.0076 0.0269 0.0014 0.0006 0.0059

AVERAGE SPEED : 29 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Edgecombe Co-RURAL  
 CALENDAR YEAR : 2005  
 EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
 0.4526 0.0828 0.2757 0.0850 0.0391 0.0189 0.0019 0.0015  
 0.0011 0.0042 0.0050 0.0054 0.0193 0.0010 0.0004 0.0061  
  
 AVERAGE SPEED : 32 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Urban collector-Edgecombe Co-RURAL  
 CALENDAR YEAR : 2005  
 EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
 0.4565 0.0835 0.2780 0.0857 0.0394 0.0164 0.0016 0.0013  
 0.0010 0.0036 0.0043 0.0047 0.0167 0.0008 0.0004 0.0061  
  
 AVERAGE SPEED : 31 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Urban local-Edgecombe Co-RURAL  
 CALENDAR YEAR : 2005  
 EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
 0.4459 0.0816 0.2716 0.0837 0.0385 0.0234 0.0023 0.0019  
 0.0014 0.0052 0.0062 0.0067 0.0239 0.0012 0.0005 0.0060  
  
 AVERAGE SPEED : 30 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Rural principle arterial-Edgecombe Co-RURAL  
 CALENDAR YEAR : 2008  
 EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
 0.3703 0.0823 0.2740 0.0844 0.0388 0.0466 0.0046 0.0037  
 0.0029 0.0104 0.0122 0.0133 0.0477 0.0024 0.0011 0.0053  
  
 AVERAGE SPEED : 45 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.3823 0.0850 0.2829 0.0872 0.0401 0.0376 0.0037 0.0030  
0.0023 0.0084 0.0099 0.0108 0.0385 0.0019 0.0009 0.0055

AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Edgecombe Co-RURAL  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.3944 0.0877 0.2919 0.0899 0.0413 0.0286 0.0028 0.0023  
0.0018 0.0064 0.0075 0.0082 0.0293 0.0015 0.0007 0.0057

AVERAGE SPEED : 43 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Edgecombe Co-RURAL  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.3940 0.0875 0.2914 0.0898 0.0413 0.0291 0.0028 0.0023  
0.0018 0.0065 0.0076 0.0083 0.0297 0.0015 0.0007 0.0057

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Edgecombe Co-RURAL

CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.3943 0.0877 0.2920 0.0900 0.0414 0.0285 0.0028 0.0023  
0.0018 0.0064 0.0075 0.0082 0.0292 0.0015 0.0007 0.0057

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Edgecombe Co-RURAL  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.3859 0.0857 0.2854 0.0879 0.0404 0.0351 0.0034 0.0028  
0.0022 0.0079 0.0092 0.0100 0.0359 0.0018 0.0008 0.0056

AVERAGE SPEED : 55 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.3977 0.0883 0.2942 0.0906 0.0417 0.0263 0.0026 0.0021  
0.0016 0.0059 0.0069 0.0075 0.0269 0.0014 0.0006 0.0057

AVERAGE SPEED : 29 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.4076 0.0906 0.3016 0.0929 0.0427 0.0189 0.0018 0.0015

0.0012 0.0042 0.0050 0.0054 0.0193 0.0010 0.0004 0.0059

AVERAGE SPEED : 32 Arterial 0.0 100.0 0.0 0.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Edgecombe Co-RURAL

CALENDAR YEAR : 2008

EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :

0.4111 0.0913 0.3041 0.0937 0.0431 0.0163 0.0016 0.0013

0.0010 0.0037 0.0043 0.0047 0.0167 0.0008 0.0004 0.0059

AVERAGE SPEED : 31 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Edgecombe Co-RURAL

CALENDAR YEAR : 2008

EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :

0.4017 0.0892 0.2971 0.0916 0.0421 0.0233 0.0023 0.0019

0.0014 0.0052 0.0061 0.0067 0.0239 0.0012 0.0005 0.0058

AVERAGE SPEED : 30 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural principle arterial-Edgecombe Co-RURAL

CALENDAR YEAR : 2011

EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :

0.3335 0.0887 0.2950 0.0909 0.0418 0.0465 0.0045 0.0038

0.0029 0.0104 0.0123 0.0134 0.0475 0.0024 0.0012 0.0052

AVERAGE SPEED : 45 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Edgecombe Co-RURAL

CALENDAR YEAR : 2011

EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VTM FRACTIONS :  
0.3444 0.0916 0.3046 0.0939 0.0432 0.0376 0.0037 0.0031  
0.0023 0.0084 0.0099 0.0108 0.0383 0.0019 0.0010 0.0053

AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Edgecombe Co-RURAL  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural major collector mix and speeds

VTM FRACTIONS :  
0.3554 0.0944 0.3142 0.0968 0.0446 0.0286 0.0028 0.0023  
0.0018 0.0064 0.0076 0.0082 0.0292 0.0015 0.0007 0.0055

AVERAGE SPEED : 43 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Edgecombe Co-RURAL  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VTM FRACTIONS :  
0.3549 0.0943 0.3138 0.0967 0.0445 0.0290 0.0028 0.0024  
0.0018 0.0065 0.0077 0.0083 0.0296 0.0015 0.0007 0.0055

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Edgecombe Co-RURAL  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural local mix and speeds

VTM FRACTIONS :  
0.3554 0.0945 0.3143 0.0969 0.0446 0.0285 0.0028 0.0023  
0.0018 0.0064 0.0075 0.0082 0.0291 0.0015 0.0007 0.0055

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0  
RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Edgecombe Co-RURAL  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.3473 0.0924 0.3073 0.0947 0.0436 0.0351 0.0034 0.0029  
0.0022 0.0078 0.0093 0.0101 0.0358 0.0018 0.0009 0.0054

AVERAGE SPEED : 55 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.3581 0.0952 0.3167 0.0976 0.0449 0.0263 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0076 0.0269 0.0013 0.0007 0.0055

AVERAGE SPEED : 29 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.3671 0.0976 0.3247 0.1001 0.0461 0.0189 0.0018 0.0015  
0.0012 0.0042 0.0050 0.0054 0.0192 0.0010 0.0005 0.0057

AVERAGE SPEED : 32 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Edgecombe Co-RURAL  
 CALENDAR YEAR : 2011  
 EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
 0.3705 0.0984 0.3274 0.1009 0.0464 0.0163 0.0016 0.0013  
 0.0010 0.0036 0.0043 0.0047 0.0167 0.0008 0.0004 0.0057

AVERAGE SPEED : 31 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Edgecombe Co-RURAL  
 CALENDAR YEAR : 2011  
 EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
 0.3618 0.0961 0.3199 0.0986 0.0454 0.0233 0.0023 0.0019  
 0.0014 0.0052 0.0062 0.0067 0.0238 0.0012 0.0006 0.0056

AVERAGE SPEED : 30 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural principle arterial-Edgecombe Co-RURAL  
 CALENDAR YEAR : 2014  
 EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
 0.3061 0.0934 0.3107 0.0957 0.0440 0.0465 0.0045 0.0038  
 0.0029 0.0105 0.0123 0.0133 0.0476 0.0024 0.0012 0.0051

AVERAGE SPEED : 45 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Edgecombe Co-RURAL  
 CALENDAR YEAR : 2014  
 EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
 0.3164 0.0964 0.3209 0.0988 0.0455 0.0375 0.0036 0.0031  
 0.0023 0.0084 0.0099 0.0107 0.0384 0.0019 0.0010 0.0052  
  
 AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Rural major collector-Edgecombe Co-RURAL  
 CALENDAR YEAR : 2014  
 EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
 0.3261 0.0995 0.3310 0.1020 0.0469 0.0286 0.0028 0.0023  
 0.0018 0.0064 0.0075 0.0082 0.0293 0.0015 0.0007 0.0054  
  
 AVERAGE SPEED : 43 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Rural minor collector-Edgecombe Co-RURAL  
 CALENDAR YEAR : 2014  
 EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
 0.3259 0.0993 0.3305 0.1018 0.0468 0.0290 0.0028 0.0024  
 0.0018 0.0065 0.0076 0.0083 0.0297 0.0015 0.0007 0.0054  
  
 AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Rural local-Edgecombe Co-RURAL  
 CALENDAR YEAR : 2014  
 EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
 0.3264 0.0995 0.3311 0.1020 0.0469 0.0285 0.0028 0.0023  
 0.0017 0.0064 0.0075 0.0082 0.0291 0.0015 0.0007 0.0054  
  
 AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Edgecombe Co-RURAL  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.3189 0.0973 0.3237 0.0997 0.0458 0.0351 0.0034 0.0029  
0.0022 0.0079 0.0092 0.0100 0.0359 0.0018 0.0009 0.0053

AVERAGE SPEED : 55 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.3287 0.1003 0.3336 0.1028 0.0473 0.0263 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0075 0.0269 0.0013 0.0007 0.0054

AVERAGE SPEED : 29 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Edgecombe Co Co-RURAL  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.3371 0.1028 0.3420 0.1054 0.0484 0.0188 0.0018 0.0015  
0.0012 0.0042 0.0050 0.0054 0.0193 0.0010 0.0005 0.0056

AVERAGE SPEED : 32 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Edgecombe Co-RURAL

CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.3399 0.1037 0.3449 0.1062 0.0489 0.0163 0.0016 0.0013  
0.0010 0.0037 0.0043 0.0047 0.0167 0.0008 0.0004 0.0056

AVERAGE SPEED : 31 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Edgecombe Co-RURAL  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.3322 0.1013 0.3370 0.1038 0.0477 0.0233 0.0023 0.0019  
0.0014 0.0052 0.0061 0.0067 0.0238 0.0012 0.0006 0.0055

AVERAGE SPEED : 29 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural principle arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.2868 0.0966 0.3219 0.0992 0.0456 0.0464 0.0046 0.0039  
0.0028 0.0104 0.0123 0.0134 0.0475 0.0024 0.0012 0.0050

AVERAGE SPEED : 45 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.2963 0.0998 0.3324 0.1024 0.0471 0.0374 0.0037 0.0032

0.0023 0.0084 0.0099 0.0108 0.0383 0.0019 0.0010 0.0051

AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Edgecombe Co-RURAL

CALENDAR YEAR : 2017

EVALUATION MONTH : 7

> Rural major collector mix and speeds

VTM FRACTIONS :  
0.3055 0.1030 0.3429 0.1057 0.0486 0.0285 0.0028 0.0024  
0.0017 0.0064 0.0076 0.0082 0.0292 0.0015 0.0007 0.0053

AVERAGE SPEED : 43 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Edgecombe Co-RURAL

CALENDAR YEAR : 2017

EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VTM FRACTIONS :  
0.3051 0.1028 0.3424 0.1055 0.0485 0.0290 0.0029 0.0024  
0.0018 0.0065 0.0077 0.0083 0.0296 0.0015 0.0007 0.0053

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Edgecombe Co-RURAL

CALENDAR YEAR : 2017

EVALUATION MONTH : 7

> Rural local mix and speeds

VTM FRACTIONS :  
0.3058 0.1030 0.3430 0.1057 0.0486 0.0284 0.0028 0.0024  
0.0017 0.0064 0.0075 0.0082 0.0291 0.0014 0.0007 0.0053

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Edgecombe Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.2987 0.1007 0.3353 0.1033 0.0475 0.0350 0.0035 0.0029  
0.0021 0.0079 0.0093 0.0101 0.0358 0.0018 0.0009 0.0052

AVERAGE SPEED : 55 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.3079 0.1038 0.3456 0.1065 0.0490 0.0262 0.0026 0.0022  
0.0016 0.0059 0.0070 0.0076 0.0268 0.0013 0.0007 0.0053

AVERAGE SPEED : 29 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.3156 0.1064 0.3543 0.1092 0.0502 0.0188 0.0019 0.0016  
0.0012 0.0042 0.0050 0.0054 0.0192 0.0010 0.0005 0.0055

AVERAGE SPEED : 32 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Edgecombe Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.3184 0.1073 0.3573 0.1101 0.0506 0.0163 0.0016 0.0014  
0.0010 0.0037 0.0043 0.0047 0.0166 0.0008 0.0004 0.0055

AVERAGE SPEED : 31 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Edgecombe Co-RURAL

CALENDAR YEAR : 2017

EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.3109 0.1048 0.3491 0.1076 0.0495 0.0233 0.0023 0.0020  
0.0014 0.0052 0.0062 0.0067 0.0238 0.0012 0.0006 0.0054

AVERAGE SPEED : 29 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

END OF RUN :

## RMRURN.IN

MOBILE6 INPUT FILE :

> Rocky Mount Area O3 NON I/M Redesignation Analysis 2/20

POLLUTANTS : HC NOX  
SPREADSHEET : ROCKY MOUNT AREA  
RUN DATA :

\*\*\*\*\* RUN SECTION \*\*\*\*\*  
FUEL RVP : 9.0

HOURLY TEMPERATURES: 73. 73. 74. 76. 78. 80. 82. 84. 86. 88. 88. 88.  
86. 85. 84. 81. 79. 77. 75. 74. 73. 73. 73. 73.

REG DIST : NCage04.prn

ANTI-TAMP PROG :  
91 68 50 22222 22222222 2 11 095. 22212222

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Rural interstate-Nash Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural interstate mix and speeds

VMT FRACTIONS :  
0.3282 0.0600 0.1998 0.0616 0.0283 0.1023 0.0100 0.0082  
0.0061 0.0227 0.0270 0.0293 0.1044 0.0053 0.0024 0.0044

AVERAGE SPEED : 66 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Rural principle arterial-Nash Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.4111 0.0752 0.2505 0.0772 0.0355 0.0467 0.0046 0.0037  
0.0028 0.0104 0.0123 0.0134 0.0476 0.0024 0.0011 0.0055

AVERAGE SPEED : 47 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
SCENARIO RECORD : Rural minor arterial-Nash Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.4248 0.0777 0.2587 0.0797 0.0366 0.0376 0.0037 0.0030  
0.0022 0.0084 0.0099 0.0108 0.0384 0.0019 0.0009 0.0057

AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Nash Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.4380 0.0801 0.2668 0.0822 0.0378 0.0287 0.0028 0.0023  
0.0017 0.0064 0.0076 0.0082 0.0293 0.0015 0.0007 0.0059

AVERAGE SPEED : 43 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Nash Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.4375 0.0800 0.2664 0.0821 0.0377 0.0291 0.0029 0.0023  
0.0017 0.0065 0.0077 0.0083 0.0297 0.0015 0.0007 0.0059

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Nash Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.4383 0.0802 0.2669 0.0822 0.0378 0.0286 0.0028 0.0023  
0.0017 0.0063 0.0075 0.0082 0.0291 0.0015 0.0007 0.0059

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0  
RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Nash Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.4282 0.0784 0.2609 0.0804 0.0370 0.0352 0.0035 0.0028  
0.0021 0.0078 0.0093 0.0101 0.0359 0.0018 0.0008 0.0058

AVERAGE SPEED : 56 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Nash Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.4414 0.0808 0.2689 0.0829 0.0381 0.0264 0.0026 0.0021  
0.0016 0.0059 0.0069 0.0076 0.0269 0.0014 0.0006 0.0059

AVERAGE SPEED : 29 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Nash Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.4526 0.0828 0.2757 0.0850 0.0391 0.0189 0.0019 0.0015  
0.0011 0.0042 0.0050 0.0054 0.0193 0.0010 0.0004 0.0061

AVERAGE SPEED : 32 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban collector-Nash Co-RURAL
CALENDAR YEAR        : 2005
EVALUATION MONTH     : 7

> Urban collector mix and speeds

VMT FRACTIONS        :
0.4565 0.0835 0.2780 0.0857 0.0394 0.0164 0.0016 0.0013
0.0010 0.0036 0.0043 0.0047 0.0167 0.0008 0.0004 0.0061

AVERAGE SPEED        : 31 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban local-Nash Co-RURAL
CALENDAR YEAR        : 2005
EVALUATION MONTH     : 7

> Urban local mix and speeds

VMT FRACTIONS        :
0.4459 0.0816 0.2716 0.0837 0.0385 0.0234 0.0023 0.0019
0.0014 0.0052 0.0062 0.0067 0.0239 0.0012 0.0005 0.0060

AVERAGE SPEED        : 30 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural interstate-Nash Co-RURAL
CALENDAR YEAR        : 2008
EVALUATION MONTH     : 7

> Rural interstate mix and speeds

VMT FRACTIONS        :
0.2952 0.0656 0.2186 0.0674 0.0310 0.1022 0.0100 0.0082
0.0063 0.0229 0.0269 0.0292 0.1045 0.0053 0.0024 0.0043

AVERAGE SPEED        : 66 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural principle arterial-Nash Co-RURAL
CALENDAR YEAR        : 2008
EVALUATION MONTH     : 7

> Rural other principle arterial mix and speeds

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VMT FRACTIONS :  
 0.3703 0.0823 0.2740 0.0844 0.0388 0.0466 0.0046 0.0037  
 0.0029 0.0104 0.0122 0.0133 0.0477 0.0024 0.0011 0.0053  
  
 AVERAGE SPEED : 47 Non-Ramp 100.0 0.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Rural minor arterial-Nash Co-RURAL  
 CALENDAR YEAR : 2008  
 EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
 0.3823 0.0850 0.2829 0.0872 0.0401 0.0376 0.0037 0.0030  
 0.0023 0.0084 0.0099 0.0108 0.0385 0.0019 0.0009 0.0055  
  
 AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Rural major collector-Nash Co-RURAL  
 CALENDAR YEAR : 2008  
 EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
 0.3944 0.0877 0.2919 0.0899 0.0413 0.0286 0.0028 0.0023  
 0.0018 0.0064 0.0075 0.0082 0.0293 0.0015 0.0007 0.0057  
  
 AVERAGE SPEED : 43 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Rural minor collector-Nash Co-RURAL  
 CALENDAR YEAR : 2008  
 EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
 0.3940 0.0875 0.2914 0.0898 0.0413 0.0291 0.0028 0.0023  
 0.0018 0.0065 0.0076 0.0083 0.0297 0.0015 0.0007 0.0057  
  
 AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.

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58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural local-Nash Co-RURAL
CALENDAR YEAR        : 2008
EVALUATION MONTH     : 7

> Rural local mix and speeds

VMT FRACTIONS        :
0.3943 0.0877 0.2920 0.0900 0.0414 0.0285 0.0028 0.0023
0.0018 0.0064 0.0075 0.0082 0.0292 0.0015 0.0007 0.0057

AVERAGE SPEED        : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban freeway-Nash Co-RURAL
CALENDAR YEAR        : 2008
EVALUATION MONTH     : 7

> Urban freeway mix and speeds

VMT FRACTIONS        :
0.3859 0.0857 0.2854 0.0879 0.0404 0.0351 0.0034 0.0028
0.0022 0.0079 0.0092 0.0100 0.0359 0.0018 0.0008 0.0056

AVERAGE SPEED        : 56 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban principle arterial-Nash Co-RURAL
CALENDAR YEAR        : 2008
EVALUATION MONTH     : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS        :
0.3977 0.0883 0.2942 0.0906 0.0417 0.0263 0.0026 0.0021
0.0016 0.0059 0.0069 0.0075 0.0269 0.0014 0.0006 0.0057

AVERAGE SPEED        : 29 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban minor arterial-Nash Co-RURAL
CALENDAR YEAR        : 2008

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EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.4076 0.0906 0.3016 0.0929 0.0427 0.0189 0.0018 0.0015  
0.0012 0.0042 0.0050 0.0054 0.0193 0.0010 0.0004 0.0059

AVERAGE SPEED : 32 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Nash Co-RURAL  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.4111 0.0913 0.3041 0.0937 0.0431 0.0163 0.0016 0.0013  
0.0010 0.0037 0.0043 0.0047 0.0167 0.0008 0.0004 0.0059

AVERAGE SPEED : 31 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Nash Co-RURAL  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.4017 0.0892 0.2971 0.0916 0.0421 0.0233 0.0023 0.0019  
0.0014 0.0052 0.0061 0.0067 0.0239 0.0012 0.0005 0.0058

AVERAGE SPEED : 30 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural interstate-Nash Co-RURAL  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural interstate mix and speeds

VMT FRACTIONS :  
0.2662 0.0707 0.2353 0.0725 0.0334 0.1021 0.0099 0.0084  
0.0063 0.0228 0.0270 0.0293 0.1042 0.0052 0.0026 0.0041

AVERAGE SPEED : 66 Non-Ramp 100.0 0.0 0.0 0.0  
RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural principle arterial-Nash Co-RURAL  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.3335 0.0887 0.2950 0.0909 0.0418 0.0465 0.0045 0.0038  
0.0029 0.0104 0.0123 0.0134 0.0475 0.0024 0.0012 0.0052

AVERAGE SPEED : 47 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Nash Co-RURAL  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.3444 0.0916 0.3046 0.0939 0.0432 0.0376 0.0037 0.0031  
0.0023 0.0084 0.0099 0.0108 0.0383 0.0019 0.0010 0.0053

AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Nash Co-RURAL  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.3554 0.0944 0.3142 0.0968 0.0446 0.0286 0.0028 0.0023  
0.0018 0.0064 0.0076 0.0082 0.0292 0.0015 0.0007 0.0055

AVERAGE SPEED : 43 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural minor collector-Nash Co-RURAL
CALENDAR YEAR       : 2011
EVALUATION MONTH    : 7

> Rural minor collector mix and speeds

VMT FRACTIONS       :
0.3549 0.0943 0.3138 0.0967 0.0445 0.0290 0.0028 0.0024
0.0018 0.0065 0.0077 0.0083 0.0296 0.0015 0.0007 0.0055

AVERAGE SPEED      : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY   : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                    : 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES     : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural local-Nash Co-RURAL
CALENDAR YEAR       : 2011
EVALUATION MONTH    : 7

> Rural local mix and speeds

VMT FRACTIONS       :
0.3554 0.0945 0.3143 0.0969 0.0446 0.0285 0.0028 0.0023
0.0018 0.0064 0.0075 0.0082 0.0291 0.0015 0.0007 0.0055

AVERAGE SPEED      : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY   : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                    : 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES     : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban freeway-Nash Co-RURAL
CALENDAR YEAR       : 2011
EVALUATION MONTH    : 7

> Urban freeway mix and speeds

VMT FRACTIONS       :
0.3473 0.0924 0.3073 0.0947 0.0436 0.0351 0.0034 0.0029
0.0022 0.0078 0.0093 0.0101 0.0358 0.0018 0.0009 0.0054

AVERAGE SPEED      : 56 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY   : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                    : 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES     : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban principle arterial-Nash Co-RURAL
CALENDAR YEAR       : 2011
EVALUATION MONTH    : 7

> Urban principle arterial mix and speeds

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VMT FRACTIONS :  
 0.3581 0.0952 0.3167 0.0976 0.0449 0.0263 0.0026 0.0022  
 0.0016 0.0059 0.0069 0.0076 0.0269 0.0013 0.0007 0.0055  
  
 AVERAGE SPEED : 29 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Urban minor arterial-Nash Co-RURAL  
 CALENDAR YEAR : 2011  
 EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
 0.3671 0.0976 0.3247 0.1001 0.0461 0.0189 0.0018 0.0015  
 0.0012 0.0042 0.0050 0.0054 0.0192 0.0010 0.0005 0.0057  
  
 AVERAGE SPEED : 32 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Urban collector-Nash Co-RURAL  
 CALENDAR YEAR : 2011  
 EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
 0.3705 0.0984 0.3274 0.1009 0.0464 0.0163 0.0016 0.0013  
 0.0010 0.0036 0.0043 0.0047 0.0167 0.0008 0.0004 0.0057  
  
 AVERAGE SPEED : 31 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Urban local-Nash Co-RURAL  
 CALENDAR YEAR : 2011  
 EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
 0.3618 0.0961 0.3199 0.0986 0.0454 0.0233 0.0023 0.0019  
 0.0014 0.0052 0.0062 0.0067 0.0238 0.0012 0.0006 0.0056  
  
 AVERAGE SPEED : 30 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural interstate-Nash Co-RURAL  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural interstate mix and speeds

VMT FRACTIONS :  
0.2443 0.0745 0.2479 0.0764 0.0351 0.1020 0.0099 0.0083  
0.0063 0.0230 0.0269 0.0292 0.1044 0.0052 0.0026 0.0040

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural principle arterial-Nash Co-RURAL  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.3061 0.0934 0.3107 0.0957 0.0440 0.0465 0.0045 0.0038  
0.0029 0.0105 0.0123 0.0133 0.0476 0.0024 0.0012 0.0051

AVERAGE SPEED : 47 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Nash Co-RURAL  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.3164 0.0964 0.3209 0.0988 0.0455 0.0375 0.0036 0.0031  
0.0023 0.0084 0.0099 0.0107 0.0384 0.0019 0.0010 0.0052

AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Nash Co-RURAL

CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.3261 0.0995 0.3310 0.1020 0.0469 0.0286 0.0028 0.0023  
0.0018 0.0064 0.0075 0.0082 0.0293 0.0015 0.0007 0.0054

AVERAGE SPEED : 43 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Nash Co-RURAL  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.3259 0.0993 0.3305 0.1018 0.0468 0.0290 0.0028 0.0024  
0.0018 0.0065 0.0076 0.0083 0.0297 0.0015 0.0007 0.0054

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Nash Co-RURAL  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.3264 0.0995 0.3311 0.1020 0.0469 0.0285 0.0028 0.0023  
0.0017 0.0064 0.0075 0.0082 0.0291 0.0015 0.0007 0.0054

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Nash Co-RURAL  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.3189 0.0973 0.3237 0.0997 0.0458 0.0351 0.0034 0.0029

0.0022 0.0079 0.0092 0.0100 0.0359 0.0018 0.0009 0.0053

AVERAGE SPEED : 56 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Nash Co-RURAL

CALENDAR YEAR : 2014

EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.3287 0.1003 0.3336 0.1028 0.0473 0.0263 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0075 0.0269 0.0013 0.0007 0.0054

AVERAGE SPEED : 29 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Nash Co-RURAL

CALENDAR YEAR : 2014

EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.3371 0.1028 0.3420 0.1054 0.0484 0.0188 0.0018 0.0015  
0.0012 0.0042 0.0050 0.0054 0.0193 0.0010 0.0005 0.0056

AVERAGE SPEED : 32 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Nash Co-RURAL

CALENDAR YEAR : 2014

EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.3399 0.1037 0.3449 0.1062 0.0489 0.0163 0.0016 0.0013  
0.0010 0.0037 0.0043 0.0047 0.0167 0.0008 0.0004 0.0056

AVERAGE SPEED : 31 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Nash Co-RURAL  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.3322 0.1013 0.3370 0.1038 0.0477 0.0233 0.0023 0.0019  
0.0014 0.0052 0.0061 0.0067 0.0238 0.0012 0.0006 0.0055

AVERAGE SPEED : 30 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural interstate-Nash Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural interstate mix and speeds

VMT FRACTIONS :  
0.2289 0.0771 0.2568 0.0791 0.0364 0.1018 0.0101 0.0086  
0.0062 0.0228 0.0270 0.0293 0.1041 0.0052 0.0026 0.0040

AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural principle arterial-Nash Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.2868 0.0966 0.3219 0.0992 0.0456 0.0464 0.0046 0.0039  
0.0028 0.0104 0.0123 0.0134 0.0475 0.0024 0.0012 0.0050

AVERAGE SPEED : 47 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Nash Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.2963 0.0998 0.3324 0.1024 0.0471 0.0374 0.0037 0.0032  
0.0023 0.0084 0.0099 0.0108 0.0383 0.0019 0.0010 0.0051

AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Nash Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.3055 0.1030 0.3429 0.1057 0.0486 0.0285 0.0028 0.0024  
0.0017 0.0064 0.0076 0.0082 0.0292 0.0015 0.0007 0.0053

AVERAGE SPEED : 43 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Nash Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.3051 0.1028 0.3424 0.1055 0.0485 0.0290 0.0029 0.0024  
0.0018 0.0065 0.0077 0.0083 0.0296 0.0015 0.0007 0.0053

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Nash Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.3058 0.1030 0.3430 0.1057 0.0486 0.0284 0.0028 0.0024  
0.0017 0.0064 0.0075 0.0082 0.0291 0.0014 0.0007 0.0053

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Nash Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.2987 0.1007 0.3353 0.1033 0.0475 0.0350 0.0035 0.0029  
0.0021 0.0079 0.0093 0.0101 0.0358 0.0018 0.0009 0.0052

AVERAGE SPEED : 56 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Nash Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.3079 0.1038 0.3456 0.1065 0.0490 0.0262 0.0026 0.0022  
0.0016 0.0059 0.0070 0.0076 0.0268 0.0013 0.0007 0.0053

AVERAGE SPEED : 29 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Nash Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.3156 0.1064 0.3543 0.1092 0.0502 0.0188 0.0019 0.0016  
0.0012 0.0042 0.0050 0.0054 0.0192 0.0010 0.0005 0.0055

AVERAGE SPEED : 32 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Nash Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.3184 0.1073 0.3573 0.1101 0.0506 0.0163 0.0016 0.0014  
0.0010 0.0037 0.0043 0.0047 0.0166 0.0008 0.0004 0.0055

AVERAGE SPEED : 31 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Nash Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.3109 0.1048 0.3491 0.1076 0.0495 0.0233 0.0023 0.0020  
0.0014 0.0052 0.0062 0.0067 0.0238 0.0012 0.0006 0.0054

AVERAGE SPEED : 30 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural principle arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.4111 0.0752 0.2505 0.0772 0.0355 0.0467 0.0046 0.0037  
0.0028 0.0104 0.0123 0.0134 0.0476 0.0024 0.0011 0.0055

AVERAGE SPEED : 45 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :

0.4248 0.0777 0.2587 0.0797 0.0366 0.0376 0.0037 0.0030  
0.0022 0.0084 0.0099 0.0108 0.0384 0.0019 0.0009 0.0057

AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Edgecombe Co-RURAL

CALENDAR YEAR : 2005

EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.4380 0.0801 0.2668 0.0822 0.0378 0.0287 0.0028 0.0023  
0.0017 0.0064 0.0076 0.0082 0.0293 0.0015 0.0007 0.0059

AVERAGE SPEED : 43 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Edgecombe Co-RURAL

CALENDAR YEAR : 2005

EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.4375 0.0800 0.2664 0.0821 0.0377 0.0291 0.0029 0.0023  
0.0017 0.0065 0.0077 0.0083 0.0297 0.0015 0.0007 0.0059

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Edgecombe Co-RURAL

CALENDAR YEAR : 2005

EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.4383 0.0802 0.2669 0.0822 0.0378 0.0286 0.0028 0.0023  
0.0017 0.0063 0.0075 0.0082 0.0291 0.0015 0.0007 0.0059

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Edgecombe Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.4282 0.0784 0.2609 0.0804 0.0370 0.0352 0.0035 0.0028  
0.0021 0.0078 0.0093 0.0101 0.0359 0.0018 0.0008 0.0058

AVERAGE SPEED : 56 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.4414 0.0808 0.2689 0.0829 0.0381 0.0264 0.0026 0.0021  
0.0016 0.0059 0.0069 0.0076 0.0269 0.0014 0.0006 0.0059

AVERAGE SPEED : 29 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.4526 0.0828 0.2757 0.0850 0.0391 0.0189 0.0019 0.0015  
0.0011 0.0042 0.0050 0.0054 0.0193 0.0010 0.0004 0.0061

AVERAGE SPEED : 32 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Edgecombe Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.4565 0.0835 0.2780 0.0857 0.0394 0.0164 0.0016 0.0013  
0.0010 0.0036 0.0043 0.0047 0.0167 0.0008 0.0004 0.0061

AVERAGE SPEED : 31 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Edgecombe Co-RURAL  
CALENDAR YEAR : 2005  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.4459 0.0816 0.2716 0.0837 0.0385 0.0234 0.0023 0.0019  
0.0014 0.0052 0.0062 0.0067 0.0239 0.0012 0.0005 0.0060

AVERAGE SPEED : 30 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural principle arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.3703 0.0823 0.2740 0.0844 0.0388 0.0466 0.0046 0.0037  
0.0029 0.0104 0.0122 0.0133 0.0477 0.0024 0.0011 0.0053

AVERAGE SPEED : 45 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.3823 0.0850 0.2829 0.0872 0.0401 0.0376 0.0037 0.0030  
0.0023 0.0084 0.0099 0.0108 0.0385 0.0019 0.0009 0.0055

AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0  
RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Edgecombe Co-RURAL  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMF FRACTIONS :  
0.3944 0.0877 0.2919 0.0899 0.0413 0.0286 0.0028 0.0023  
0.0018 0.0064 0.0075 0.0082 0.0293 0.0015 0.0007 0.0057

AVERAGE SPEED : 43 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Edgecombe Co-RURAL  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMF FRACTIONS :  
0.3940 0.0875 0.2914 0.0898 0.0413 0.0291 0.0028 0.0023  
0.0018 0.0065 0.0076 0.0083 0.0297 0.0015 0.0007 0.0057

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Edgecombe Co-RURAL  
CALENDAR YEAR : 2008  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMF FRACTIONS :  
0.3943 0.0877 0.2920 0.0900 0.0414 0.0285 0.0028 0.0023  
0.0018 0.0064 0.0075 0.0082 0.0292 0.0015 0.0007 0.0057

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban freeway-Edgecombe Co-RURAL
CALENDAR YEAR        : 2008
EVALUATION MONTH     : 7

> Urban freeway mix and speeds

VMT FRACTIONS        :
0.3859 0.0857 0.2854 0.0879 0.0404 0.0351 0.0034 0.0028
0.0022 0.0079 0.0092 0.0100 0.0359 0.0018 0.0008 0.0056

AVERAGE SPEED        : 55 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban principle arterial-Edgecombe Co-RURAL
CALENDAR YEAR        : 2008
EVALUATION MONTH     : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS        :
0.3977 0.0883 0.2942 0.0906 0.0417 0.0263 0.0026 0.0021
0.0016 0.0059 0.0069 0.0075 0.0269 0.0014 0.0006 0.0057

AVERAGE SPEED        : 29 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban minor arterial-Edgecombe Co-RURAL
CALENDAR YEAR        : 2008
EVALUATION MONTH     : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS        :
0.4076 0.0906 0.3016 0.0929 0.0427 0.0189 0.0018 0.0015
0.0012 0.0042 0.0050 0.0054 0.0193 0.0010 0.0004 0.0059

AVERAGE SPEED        : 32 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban collector-Edgecombe Co-RURAL
CALENDAR YEAR        : 2008
EVALUATION MONTH     : 7

> Urban collector mix and speeds

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VMT FRACTIONS      :
0.4111 0.0913 0.3041 0.0937 0.0431 0.0163 0.0016 0.0013
0.0010 0.0037 0.0043 0.0047 0.0167 0.0008 0.0004 0.0059

AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY   : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                     58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES     : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban local-Edgecombe Co-RURAL
CALENDAR YEAR        : 2008
EVALUATION MONTH     : 7

> Urban local mix and speeds

VMT FRACTIONS      :
0.4017 0.0892 0.2971 0.0916 0.0421 0.0233 0.0023 0.0019
0.0014 0.0052 0.0061 0.0067 0.0239 0.0012 0.0005 0.0058

AVERAGE SPEED      : 30 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY   : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                     58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES     : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural principle arterial-Edgecombe Co-RURAL
CALENDAR YEAR        : 2011
EVALUATION MONTH     : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS      :
0.3335 0.0887 0.2950 0.0909 0.0418 0.0465 0.0045 0.0038
0.0029 0.0104 0.0123 0.0134 0.0475 0.0024 0.0012 0.0052

AVERAGE SPEED      : 45 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY   : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                     58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES     : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural minor arterial-Edgecombe Co-RURAL
CALENDAR YEAR        : 2011
EVALUATION MONTH     : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS      :
0.3444 0.0916 0.3046 0.0939 0.0432 0.0376 0.0037 0.0031
0.0023 0.0084 0.0099 0.0108 0.0383 0.0019 0.0010 0.0053

AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY   : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.

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58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural major collector-Edgecombe Co-RURAL
CALENDAR YEAR        : 2011
EVALUATION MONTH     : 7

> Rural major collector mix and speeds

VMT FRACTIONS        :
0.3554 0.0944 0.3142 0.0968 0.0446 0.0286 0.0028 0.0023
0.0018 0.0064 0.0076 0.0082 0.0292 0.0015 0.0007 0.0055

AVERAGE SPEED        : 43 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural minor collector-Edgecombe Co-RURAL
CALENDAR YEAR        : 2011
EVALUATION MONTH     : 7

> Rural minor collector mix and speeds

VMT FRACTIONS        :
0.3549 0.0943 0.3138 0.0967 0.0445 0.0290 0.0028 0.0024
0.0018 0.0065 0.0077 0.0083 0.0296 0.0015 0.0007 0.0055

AVERAGE SPEED        : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural local-Edgecombe Co-RURAL
CALENDAR YEAR        : 2011
EVALUATION MONTH     : 7

> Rural local mix and speeds

VMT FRACTIONS        :
0.3554 0.0945 0.3143 0.0969 0.0446 0.0285 0.0028 0.0023
0.0018 0.0064 0.0075 0.0082 0.0291 0.0015 0.0007 0.0055

AVERAGE SPEED        : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES      : 30.0

***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban freeway-Edgecombe Co-RURAL
CALENDAR YEAR        : 2011

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EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.3473 0.0924 0.3073 0.0947 0.0436 0.0351 0.0034 0.0029  
0.0022 0.0078 0.0093 0.0101 0.0358 0.0018 0.0009 0.0054

AVERAGE SPEED : 55 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.3581 0.0952 0.3167 0.0976 0.0449 0.0263 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0076 0.0269 0.0013 0.0007 0.0055

AVERAGE SPEED : 29 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.3671 0.0976 0.3247 0.1001 0.0461 0.0189 0.0018 0.0015  
0.0012 0.0042 0.0050 0.0054 0.0192 0.0010 0.0005 0.0057

AVERAGE SPEED : 32 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Edgecombe Co-RURAL  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.3705 0.0984 0.3274 0.1009 0.0464 0.0163 0.0016 0.0013  
0.0010 0.0036 0.0043 0.0047 0.0167 0.0008 0.0004 0.0057

AVERAGE SPEED : 31 Arterial 0.0 100.0 0.0 0.0  
RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Edgecombe Co-RURAL  
CALENDAR YEAR : 2011  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.3618 0.0961 0.3199 0.0986 0.0454 0.0233 0.0023 0.0019  
0.0014 0.0052 0.0062 0.0067 0.0238 0.0012 0.0006 0.0056

AVERAGE SPEED : 30 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural principle arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.3061 0.0934 0.3107 0.0957 0.0440 0.0465 0.0045 0.0038  
0.0029 0.0105 0.0123 0.0133 0.0476 0.0024 0.0012 0.0051

AVERAGE SPEED : 45 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.3164 0.0964 0.3209 0.0988 0.0455 0.0375 0.0036 0.0031  
0.0023 0.0084 0.0099 0.0107 0.0384 0.0019 0.0010 0.0052

AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural major collector-Edgecombe Co-RURAL
CALENDAR YEAR        : 2014
EVALUATION MONTH     : 7

> Rural major collector mix and speeds

VMT FRACTIONS        :
0.3261 0.0995 0.3310 0.1020 0.0469 0.0286 0.0028 0.0023
0.0018 0.0064 0.0075 0.0082 0.0293 0.0015 0.0007 0.0054

AVERAGE SPEED        : 43 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural minor collector-Edgecombe Co-RURAL
CALENDAR YEAR        : 2014
EVALUATION MONTH     : 7

> Rural minor collector mix and speeds

VMT FRACTIONS        :
0.3259 0.0993 0.3305 0.1018 0.0468 0.0290 0.0028 0.0024
0.0018 0.0065 0.0076 0.0083 0.0297 0.0015 0.0007 0.0054

AVERAGE SPEED        : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Rural local-Edgecombe Co-RURAL
CALENDAR YEAR        : 2014
EVALUATION MONTH     : 7

> Rural local mix and speeds

VMT FRACTIONS        :
0.3264 0.0995 0.3311 0.1020 0.0469 0.0285 0.0028 0.0023
0.0017 0.0064 0.0075 0.0082 0.0291 0.0015 0.0007 0.0054

AVERAGE SPEED        : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY     : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.
                        58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES       : 30.0

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***** SCENARIO SECTION *****
SCENARIO RECORD      : Urban freeway-Edgecombe Co-RURAL
CALENDAR YEAR        : 2014
EVALUATION MONTH     : 7

> Urban freeway mix and speeds

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VMT FRACTIONS :  
 0.3189 0.0973 0.3237 0.0997 0.0458 0.0351 0.0034 0.0029  
 0.0022 0.0079 0.0092 0.0100 0.0359 0.0018 0.0009 0.0053  
  
 AVERAGE SPEED : 55 Non-Ramp 100.0 0.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Urban principle arterial-Edgecombe Co-RURAL  
 CALENDAR YEAR : 2014  
 EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
 0.3287 0.1003 0.3336 0.1028 0.0473 0.0263 0.0026 0.0022  
 0.0016 0.0059 0.0069 0.0075 0.0269 0.0013 0.0007 0.0054  
  
 AVERAGE SPEED : 29 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Urban minor arterial-Edgecombe Co-RURAL  
 CALENDAR YEAR : 2014  
 EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
 0.3371 0.1028 0.3420 0.1054 0.0484 0.0188 0.0018 0.0015  
 0.0012 0.0042 0.0050 0.0054 0.0193 0.0010 0.0005 0.0056  
  
 AVERAGE SPEED : 32 Arterial 0.0 100.0 0.0 0.0  
  
 RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
 58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.  
  
 BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*  
 SCENARIO RECORD : Urban collector-Edgecombe Co-RURAL  
 CALENDAR YEAR : 2014  
 EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
 0.3399 0.1037 0.3449 0.1062 0.0489 0.0163 0.0016 0.0013  
 0.0010 0.0037 0.0043 0.0047 0.0167 0.0008 0.0004 0.0056  
  
 AVERAGE SPEED : 31 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Edgecombe Co-RURAL  
CALENDAR YEAR : 2014  
EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :  
0.3322 0.1013 0.3370 0.1038 0.0477 0.0233 0.0023 0.0019  
0.0014 0.0052 0.0061 0.0067 0.0238 0.0012 0.0006 0.0055

AVERAGE SPEED : 29 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural principle arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural other principle arterial mix and speeds

VMT FRACTIONS :  
0.2868 0.0966 0.3219 0.0992 0.0456 0.0464 0.0046 0.0039  
0.0028 0.0104 0.0123 0.0134 0.0475 0.0024 0.0012 0.0050

AVERAGE SPEED : 45 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor arterial-Edgecombe Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural minor arterial mix and speeds

VMT FRACTIONS :  
0.2963 0.0998 0.3324 0.1024 0.0471 0.0374 0.0037 0.0032  
0.0023 0.0084 0.0099 0.0108 0.0383 0.0019 0.0010 0.0051

AVERAGE SPEED : 44 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural major collector-Edgecombe Co-RURAL

CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural major collector mix and speeds

VMT FRACTIONS :  
0.3055 0.1030 0.3429 0.1057 0.0486 0.0285 0.0028 0.0024  
0.0017 0.0064 0.0076 0.0082 0.0292 0.0015 0.0007 0.0053

AVERAGE SPEED : 43 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural minor collector-Edgecombe Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural minor collector mix and speeds

VMT FRACTIONS :  
0.3051 0.1028 0.3424 0.1055 0.0485 0.0290 0.0029 0.0024  
0.0018 0.0065 0.0077 0.0083 0.0296 0.0015 0.0007 0.0053

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Rural local-Edgecombe Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Rural local mix and speeds

VMT FRACTIONS :  
0.3058 0.1030 0.3430 0.1057 0.0486 0.0284 0.0028 0.0024  
0.0017 0.0064 0.0075 0.0082 0.0291 0.0014 0.0007 0.0053

AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban freeway-Edgecombe Co-RURAL  
CALENDAR YEAR : 2017  
EVALUATION MONTH : 7

> Urban freeway mix and speeds

VMT FRACTIONS :  
0.2987 0.1007 0.3353 0.1033 0.0475 0.0350 0.0035 0.0029

0.0021 0.0079 0.0093 0.0101 0.0358 0.0018 0.0009 0.0052

AVERAGE SPEED : 55 Non-Ramp 100.0 0.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban principle arterial-Edgecombe Co-RURAL

CALENDAR YEAR : 2017

EVALUATION MONTH : 7

> Urban principle arterial mix and speeds

VMT FRACTIONS :  
0.3079 0.1038 0.3456 0.1065 0.0490 0.0262 0.0026 0.0022  
0.0016 0.0059 0.0070 0.0076 0.0268 0.0013 0.0007 0.0053

AVERAGE SPEED : 29 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban minor arterial-Edgecombe Co-RURAL

CALENDAR YEAR : 2017

EVALUATION MONTH : 7

> Urban minor arterial mix and speeds

VMT FRACTIONS :  
0.3156 0.1064 0.3543 0.1092 0.0502 0.0188 0.0019 0.0016  
0.0012 0.0042 0.0050 0.0054 0.0192 0.0010 0.0005 0.0055

AVERAGE SPEED : 32 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban collector-Edgecombe Co-RURAL

CALENDAR YEAR : 2017

EVALUATION MONTH : 7

> Urban collector mix and speeds

VMT FRACTIONS :  
0.3184 0.1073 0.3573 0.1101 0.0506 0.0163 0.0016 0.0014  
0.0010 0.0037 0.0043 0.0047 0.0166 0.0008 0.0004 0.0055

AVERAGE SPEED : 31 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

\*\*\*\*\* SCENARIO SECTION \*\*\*\*\*

SCENARIO RECORD : Urban local-Edgecombe Co-RURAL

CALENDAR YEAR : 2017

EVALUATION MONTH : 7

> Urban local mix and speeds

VMT FRACTIONS :

0.3109 0.1048 0.3491 0.1076 0.0495 0.0233 0.0023 0.0020

0.0014 0.0052 0.0062 0.0067 0.0238 0.0012 0.0006 0.0054

AVERAGE SPEED : 29 Arterial 0.0 100.0 0.0 0.0

RELATIVE HUMIDITY : 97. 96. 89. 81. 79. 71. 64. 56. 54. 51. 51. 52.  
58. 62. 68. 71. 77. 83. 87. 92. 95. 95. 96. 97.

BAROMETRIC PRES : 30.0

END OF RUN :

## 5.2 MOBILE6.2 OUTPUT FILES

```

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: RMTDM.IN (file 1, run 1).
*****

* Reading Registration Distributions from the following external
* data file: NCAGE04.PRN
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998     MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998     MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998     MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998     MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998     MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998     MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998     MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998     MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998     MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998     MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998     MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998     MYR sum not = 1. (will normalize)
M 49 Warning:
      0.999     MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)

* OBDII

* #####
* Rural interstate-Nash Co
** File 1, Run 1, Scenario 1.
* #####
* Rural interstate mix and speeds
M615 Comment:
      User supplied VMT mix.
M581 Warning:
      The user supplied freeway average speed of 65.0
      will be used for all hours of the day. 100% of VMT
      has been assigned to the freeway roadway type for
      all hours of the day and all vehicle types.
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
      there are no sales for vehicle class HDGV8b

      Calendar Year: 2005
      Month: July
      Altitude: Low
      Minimum Temperature: 73.0 (F)
      Maximum Temperature: 88.0 (F)
      Minimum Rel. Hum.: 51.0 (%)
      Maximum Rel. Hum.: 97.0 (%)
      Barometric Pressure: 30.00 (inches Hg)
      Nominal Fuel RVP: 9.0 psi
      Weathered RVP: 8.7 psi
      Fuel Sulfur Content: 92. ppm

```

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3276	0.2594	0.0886		0.0957	0.0006	0.0016	0.2220	0.0044	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	1.017	1.569	1.619	1.582	1.568	0.602	0.835	0.342	3.65	1.128
Composite NOX:	0.828	1.107	1.230	1.138	5.209	2.559	2.417	19.151	1.52	5.429

```
* #####
* Rural principle arterial-Nash Co
** File 1, Run 1, Scenario 2.
* #####
* Rural other principle arterial mix and speeds
M615 Comment:
```

```

User supplied VMT mix.
M581 Warning:
    The user supplied freeway average speed of 60.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the freeway roadway type for
    all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b

```

Calendar Year:	2005
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	92. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4103	0.3253	0.1111		0.0437	0.0008	0.0020	0.1013	0.0055	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	1.034	1.597	1.649	1.610	1.577	0.602	0.835	0.342	3.28	1.251
Composite NOX:	0.814	1.087	1.210	1.119	5.045	2.105	1.991	16.049	1.40	2.682

```
* #####
* Rural minor arterial-Nash Co
** File 1, Run 1, Scenario 3.
* #####
* Rural minor arterial mix and speeds
M615 Comment:
```

User supplied VMT mix.

M583 Warning:  
The user supplied arterial average speed of 53.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

there are no sales for vehicle class HDGV8b

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

```
* #####
* Rural major collector-Nash Co
** File 1, Run 1, Scenario 4.
* #####
* Rural major collector mix and speeds
M615 Comment:
```

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

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

Mobile Source Inventory  
Rocky Mount 8-hour Ozone Maintenance Plan



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

```
* #####
* Urban interstate-Nash Co
** File 1, Run 1, Scenario 7.
* #####
* Urban interstate mix and speeds
  M615 Comment:
```

Calendar Year:	2005
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	92. ppm
Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

```
* #####
* Urban freeway-Nash Co
** File 1, Run 1, Scenario 8.
* #####
* Urban freeway mix and speeds
M615 Comment:
```

5-136  
June 19, 2006



Composite VOC:	1.107	1.701	1.756	1.715	1.719	0.634	0.876	0.385	2.94	1.375
Composite NOX:	0.779	1.036	1.158	1.067	4.590	1.476	1.400	10.201	1.12	1.552

Composite VOC:	1.120	1.716	1.772	1.731	1.752	0.643	0.887	0.397	2.95	1.405
Composite NOX:	0.775	1.028	1.151	1.060	4.524	1.431	1.358	9.894	1.10	1.356

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4556	0.3610	0.1234		0.0153	0.0009	0.0022	0.0355	0.0061	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	1.155	1.757	1.813	1.771	1.850	0.671	0.923	0.435	3.02	1.449
Composite NOX:	0.764	1.012	1.135	1.043	4.356	1.359	1.291	9.412	1.08	1.265

\* ##

"\* File 1, Run 1, Scenario 12.

\* #

M615 Comment:

User supplied VMT mix.

M583 Warn

The user supplied arterial average speed of 34.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

Calendar Year:	2005
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	92. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MTM Distribution:	0.4450	0.3527	0.1205		0.0219	0.0009	0.0022	0.0508	0.0060	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	1.199	1.809	1.866	1.823	1.997	0.711	0.973	0.488	3.13	1.486
Composite NOX:	0.763	1.005	1.130	1.037	4.196	1.334	1.267	9.232	1.05	1.401

\* #

"\* File 1, Run 1, Scenario 13.

\* #

\* Rural interstate mix and speeds

M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 65.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the freeway roadway type for  
all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2008  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2949	0.2841	0.0970		0.0942	0.0003	0.0015	0.2237	0.0043	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.774	1.226	1.233	1.228	1.253	0.316	0.483	0.287	3.54	0.895
Composite NOX:	0.583	0.867	1.017	0.905	3.829	1.434	1.620	14.165	1.52	4.056
-----										

\* #  
\* Rural principle arterial-Nash Co  
\*\* File 1, Run 1, Scenario 14.  
\* #  
\* Rural other principle arterial mix and speeds  
M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 61.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the freeway roadway type for  
all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2008  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
---------------	------	--------	--------	------	------	------	------	------	----	---------

Composite Emission Factors (g/mi):										
Composite VOC:	0.785	1.241	1.250	1.244	1.260	0.316	0.483	0.287	3.27	0.986
Composite NOX:	0.576	0.855	1.005	0.893	3.734	1.233	1.392	12.295	1.43	2.064

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Composite Emission Factors (g/mi):										
Composite VOC:	0.813	1.280	1.292	1.283	1.300	0.322	0.492	0.298	2.84	1.029
Composite NOX:	0.561	0.832	0.980	0.869	3.541	0.959	1.081	8.825	1.24	1.502

Calendar Year: 2008  
Month: July  
Altitude: Low

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MTM Distribution:	0.3940	0.3795	0.1293		0.0264	0.0004	0.0020	0.0627	0.0057	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.817	1.286	1.298	1.289	1.310	0.323	0.494	0.301	2.84	1.048
Composite NOX:	0.560	0.829	0.977	0.866	3.519	0.935	1.054	8.605	1.21	1.303

```
there are no sales for vehicle class HDGV8b
```

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MTM Distribution:	0.3936	0.3788	0.1292		0.0268	0.0004	0.0020	0.0635	0.0057	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.826	1.298	1.312	1.301	1.326	0.326	0.499	0.307	2.84	1.058
Composite NOX:	0.556	0.823	0.970	0.860	3.466	0.885	0.997	8.138	1.16	1.274

"\* File 1, Run 1, Scenario 18.

\* #

\* Rural local mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 42.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2008  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

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

VMT Distribution:	0.3939	0.3796	0.1295		0.0263	0.0004	0.0020	0.0626	0.0057	1.0000
-------------------	--------	--------	--------	--	--------	--------	--------	--------	--------	--------

-----  
Composite Emission Factors (g/mi):

Composite VOC:	0.865	1.343	1.360	1.348	1.423	0.345	0.530	0.345	2.89	1.104
Composite NOX:	0.543	0.800	0.948	0.838	3.279	0.781	0.880	7.171	1.09	1.184

-----

\* #

\* Urban interstate-Nash Co

"\* File 1, Run 1, Scenario 19.

"

\* #

\* Urban interstate mix and speeds

M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 65.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the freeway roadway type for  
all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2008  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes

Reformulated Gas: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3540	0.3410	0.1163		0.0537	0.0004	0.0018	0.1277	0.0051	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.774	1.226	1.233	1.228	1.253	0.316	0.483	0.287	3.54	0.959
Composite NOX:	0.583	0.867	1.017	0.905	3.829	1.434	1.620	14.165	1.52	2.646
-----										

\* #

\* Urban freeway-Nash Co

"\* File 1, Run 1, Scenario 20.

\* #

\* Urban freeway mix and speeds

M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 65.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the freeway roadway type for  
all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2008  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3855	0.3710	0.1264		0.0324	0.0004	0.0019	0.0767	0.0056	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.774	1.226	1.233	1.228	1.253	0.316	0.483	0.287	3.54	0.993
Composite NOX:	0.583	0.867	1.017	0.905	3.829	1.434	1.620	14.164	1.52	1.898
-----										

\* #

\* Urban principle arterial-Nash Co

"\* File 1, Run 1, Scenario 21.

\* #

\* Urban principle arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 45.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3973	0.3824	0.1304		0.0242	0.0004	0.0020	0.0576	0.0057	1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	0.850	1.327	1.343	1.331	1.382	0.337	0.516	0.328	2.86	1.090
Composite NOX:	0.548	0.808	0.956	0.846	3.347	0.807	0.909	7.410	1.10	1.168

```
* #####
* Urban minor arterial-Nash Co
** File 1, Run 1, Scenario 22.
* #####
* Urban minor arterial mix and speeds
M615 Comment:
    User supplied VMT mix.
M583 Warning:
    The user supplied arterial average speed of 44.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b
```

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.4072	0.3921	0.1336		0.0174	0.0004	0.0021	0.0413	0.0059	1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	0.855	1.332	1.348	1.336	1.395	0.339	0.521	0.333	2.87	1.107
Composite NOX:	0.546	0.806	0.954	0.843	3.325	0.799	0.900	7.333	1.10	1.035

\* #  
 \* Urban collector-Nash Co  
 \*\* File 1, Run 1, Scenario 23.  
 \* #  
 \* Urban collector mix and speeds

M615 Comment:  
 User supplied VMT mix.  
 M583 Warning:  
 The user supplied arterial average speed of 39.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the arterial/collector roadway  
 type for all hours of the day and all vehicle types.

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

Calendar Year: 2008  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4107	0.3953	0.1348		0.0150	0.0004	0.0021	0.0358	0.0059	1.0000

-----  
 Composite Emission Factors (g/mi):  
 Composite VOC: 0.882 1.362 1.380 1.366 1.469 0.356 0.547 0.365 2.94 1.140  
 Composite NOX: 0.539 0.793 0.941 0.830 3.203 0.758 0.854 6.957 1.08 0.967  
 -----

\* #  
 \* Urban local-Nash Co  
 \*\* File 1, Run 1, Scenario 24.  
 \* #  
 \* Urban local mix and speeds

M615 Comment:  
 User supplied VMT mix.  
 M583 Warning:  
 The user supplied arterial average speed of 34.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the arterial/collector roadway  
 type for all hours of the day and all vehicle types.

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

Calendar Year: 2008  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm



there are no sales for vehicle class HDGV8b

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

VMT Distribution:0.3332 0.3837 0.1308 0.0429 0.0003 0.0019 0.1020 0.0052 1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	0.585	1.036	1.049	1.039	1.007	0.144	0.304	0.240	3.19	0.815
Composite NOX:	0.413	0.668	0.808	0.704	2.698	0.533	0.888	8.324	1.43	1.474

User supplied VMT mix.

The user supplied arterial average speed of 53.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
there are no sales for vehicle class HDGV8b
```

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

VMT Distribution:0.3441 0.3962 0.1351 0.0346 0.0003 0.0020 0.0824 0.0053 1.0000

Composite Emission Factors (g/mi):

Composite VOC:	0.603	1.063	1.081	1.068	1.037	0.147	0.310	0.250	2.78	0.847
----------------	-------	-------	-------	-------	-------	-------	-------	-------	------	-------

Composite NOX: 0.402 0.649 0.788 0.685 2.559 0.414 0.688 6.068 1.24 1.098

\* #

\* Rural major collector-Nash Co

"\* File 1, Run 1, Scenario 28.

\* #

\* Rural major collector mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 52.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2011

Month: July

Altitude: Low

Minimum Temperature: 73.0 (F)

Maximum Temperature: 88.0 (F)

Minimum Rel. Hum.: 51.0 (%)

Maximum Rel. Hum.: 97.0 (%)

Barometric Pressure: 30.00 (inches Hg)

Nominal Fuel RVP: 9.0 psi

Weathered RVP: 8.7 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

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

VMT Distribution:	0.3551	0.4086	0.1394		0.0264	0.0003	0.0020	0.0627	0.0055	1.0000
-------------------	--------	--------	--------	--	--------	--------	--------	--------	--------	--------

Composite Emission Factors (g/mi):

Composite VOC:	0.606	1.067	1.086	1.072	1.043	0.147	0.312	0.252	2.78	0.862
----------------	-------	-------	-------	-------	-------	-------	-------	-------	------	-------

Composite NOX:	0.401	0.647	0.786	0.682	2.543	0.403	0.671	5.915	1.21	0.962
----------------	-------	-------	-------	-------	-------	-------	-------	-------	------	-------

\* #

\* Rural minor collector-Nash Co

"\* File 1, Run 1, Scenario 29.

\* #

\* Rural minor collector mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 50.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2011

Month: July

Altitude: Low

Minimum Temperature: 73.0 (F)

Maximum Temperature: 88.0 (F)

Minimum Rel. Hum.: 51.0 (%)

Maximum Rel. Hum.: 97.0 (%)

Barometric Pressure: 30.00 (inches Hg)

Nominal Fuel RVP: 9.0 psi

Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----										
VMT Distribution:	0.3546	0.4081	0.1392		0.0267	0.0003	0.0020	0.0636	0.0055	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.612	1.076	1.096	1.081	1.055	0.149	0.315	0.257	2.78	0.869
Composite NOX:	0.398	0.642	0.780	0.677	2.505	0.381	0.634	5.589	1.16	0.942
-----										

\* #

\* Rural local-Nash Co

"\* File 1, Run 1, Scenario 30.

"

\* #

\* Rural local mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 42.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2011  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----										
VMT Distribution:	0.3551	0.4088	0.1395		0.0263	0.0003	0.0020	0.0625	0.0055	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.640	1.108	1.133	1.115	1.116	0.159	0.337	0.289	2.83	0.902
Composite NOX:	0.389	0.625	0.763	0.660	2.369	0.336	0.559	4.923	1.09	0.877
-----										

\* #

\* Urban interstate-Nash Co

"\* File 1, Run 1, Scenario 31.

"

\* #

\* Urban interstate mix and speeds

M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 65.0





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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.3668	0.4223	0.1441		0.0174	0.0003	0.0021	0.0413	0.0057	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.632	1.100	1.124	1.106	1.099	0.156	0.330	0.279	2.81	0.906
Composite NOX:	0.391	0.629	0.767	0.664	2.403	0.344	0.572	5.042	1.10	0.777

```
* #####
* Urban collector-Nash Co
** File 1, Run 1, Scenario 35.
* #####
* Urban collector mix and speeds
  M615 Comment:
      User supplied VMT mix.
M583 Warning:
      The user supplied arterial average speed of 39.0
      will be used for all hours of the day. 100% of VMT
      has been assigned to the arterial/collector roadway
      type for all hours of the day and all vehicle types.
M 48 Warning:
      there are no sales for vehicle class HDGV8b
```

Calendar Year:	2011
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MTM Distribution:	0.3702	0.4258	0.1452		0.0150	0.0003	0.0021	0.0357	0.0057	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.652	1.122	1.149	1.128	1.144	0.164	0.349	0.306	2.87	0.931
Composite NOX:	0.385	0.619	0.756	0.654	2.313	0.326	0.542	4.777	1.08	0.729

```
* #####
* Urban local-Nash Co
** File 1, Run 1, Scenario 36.
* #####
* Urban local mix and speeds
  M615 Comment:
```



```
* # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural principle arterial-Nash Co
** File 1, Run 1, Scenario 38.
* # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural other principle arterial mix and speeds
M615 Comment:
```

Calendar Year:	2014
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

```
* #####
* Rural minor arterial-Nash Co
** File 1, Run 1, Scenario 39.
* #####
* Rural minor arterial mix and speeds
  M615 Comment:
                User supplied VMT mix.
```

5-155  
June 19, 2006

```
there are no sales for vehicle class LDDT12
```

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

VMT Distribution:0.3161 0.4173 0.1422 0.0344 0.0003 0.0021 0.0824 0.0052 1.0000

Composite VOC:	0.435	0.814	0.839	0.820	0.819	0.089	0.242	0.208	2.73	0.657
Composite NOX:	0.281	0.506	0.623	0.536	1.573	0.218	0.473	3.851	1.24	0.767

User supplied VMT mix.

The user supplied arterial average speed of 52.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
there are no sales for vehicle class HDGV8b
```

```
there are no sales for vehicle class LDDT12
```

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

VMT Distribution:0.3258 0.4305 0.1468 0.0263 0.0003 0.0021 0.0628 0.0054 1.0000



Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VT Distribution:	0.3261	0.4306	0.1468		0.0262	0.0003	0.0021	0.0625	0.0054	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.460	0.842	0.874	0.850	0.879	0.097	0.262	0.241	2.78	0.694
Composite NOX:	0.271	0.487	0.603	0.516	1.456	0.177	0.385	3.133	1.09	0.627
-----										

\* #  
 \* Urban interstate-Nash Co  
 " \* File 1, Run 1, Scenario 43. "  
 \* #  
 \* Urban interstate mix and speeds  
 M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 65.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the freeway roadway type for  
 all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2014  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VT Distribution:	0.2929	0.3869	0.1318		0.0535	0.0003	0.0019	0.1279	0.0048	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.421	0.792	0.811	0.797	0.791	0.087	0.237	0.200	3.41	0.621
Composite NOX:	0.292	0.527	0.647	0.558	1.701	0.326	0.710	6.086	1.52	1.253
-----										

\* #

5-159  
June 19, 2006

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MT Distribution:	0.3284	0.4339	0.1479		0.0242	0.0003	0.0022	0.0577	0.0054	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.452	0.834	0.865	0.842	0.860	0.094	0.255	0.228	2.75	0.688
Composite NOX:	0.274	0.492	0.608	0.521	1.486	0.183	0.397	3.235	1.10	0.623

\* #

\* Urban minor arterial-Nash Co

"\* File 1, Run 1, Scenario 46.

\* #

```
* Urban minor arterial mix and speeds
```

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 44.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

M 48 Warning:

```
there are no sales for vehicle class LDDT12
```

Calendar Year:	2014
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MTD Distribution:	0.3368	0.4448	0.1516		0.0173	0.0003	0.0022	0.0414	0.0056	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.455	0.837	0.868	0.845	0.867	0.095	0.257	0.233	2.76	0.698
Composite NOX:	0.273	0.490	0.607	0.520	1.477	0.181	0.393	3.210	1.10	0.567

\* #

\* Urban collector-Nash Co

"\* File 1, Run 1, Scenario 47.

\* #

\* Urban collector mix and speeds

M615 Comment:

User supplied VMT mix.

The user supplied arterial average speed of 39.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
there are no sales for vehicle class HDGV8b
```

```
there are no sales for vehicle class LDDT12
```

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

VMT Distribution:0.3396 0.4486 0.1529 0.0150 0.0003 0.0022 0.0358 0.0056 1.0000

Composite VOC:	0.468	0.850	0.885	0.859	0.903	0.100	0.271	0.255	2.83	0.715
Composite NOX:	0.269	0.482	0.598	0.512	1.423	0.172	0.373	3.037	1.08	0.536

User supplied VMT mix.

The user supplied arterial average speed of 34.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
there are no sales for vehicle class HDGV8b
```

```
there are no sales for vehicle class LDDT12
```

Exhaust	I/M Program:	Yes
Evap	I/M Program:	Yes
	ATP Program:	Yes

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.3319	0.4383	0.1493		0.0214	0.0003	0.0022	0.0511	0.0055	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.485	0.868	0.906	0.878	0.951	0.107	0.290	0.285	2.93	0.729
Composite NOX:	0.268	0.479	0.595	0.508	1.370	0.169	0.366	2.984	1.05	0.576

```
there are no sales for vehicle class LDDT12
```

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

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2287	0.3339	0.1138		0.0933	0.0002	0.0017	0.2244	0.0040	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.324	0.615	0.664	0.628	0.638	0.064	0.211	0.180	3.35	0.468
Composite NOX:	0.208	0.400	0.527	0.432	1.211	0.180	0.568	4.145	1.52	1.291

M 48 Warning:



Composite VOC:	0.334	0.629	0.685	0.643	0.660	0.065	0.215	0.187	2.66	0.524
Composite NOX:	0.200	0.383	0.507	0.415	1.121	0.120	0.379	2.582	1.24	0.558

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3052	0.4459	0.1521		0.0261	0.0003	0.0022	0.0629	0.0053	1.0000

Composite VOC:	0.335	0.631	0.688	0.645	0.664	0.066	0.216	0.188	2.66	0.532
Composite NOX:	0.199	0.382	0.505	0.413	1.113	0.117	0.370	2.520	1.21	0.503

Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3048	0.4452	0.1518		0.0266	0.0003	0.0022	0.0638	0.0053	1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	0.338	0.634	0.693	0.649	0.671	0.066	0.218	0.192	2.66	0.535
Composite NOX:	0.198	0.379	0.502	0.410	1.097	0.111	0.350	2.383	1.16	0.493

```
* #####
* Rural local-Nash Co
"* File 1, Run 1, Scenario 54.
* #####
* Rural local mix and speeds
M615 Comment:
    User supplied VMT mix.
M583 Warning:
    The user supplied arterial average speed of 42.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12
```

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3055	0.4460	0.1521		0.0260	0.0003	0.0022	0.0626	0.0053	1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	0.353	0.649	0.712	0.665	0.710	0.071	0.232	0.216	2.71	0.553
Composite NOX:	0.193	0.369	0.490	0.400	1.037	0.098	0.309	2.106	1.09	0.463

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

\* #

\* Urban principle arterial-Nash Co

"\* File 1, Run 1, Scenario 57.

\* #

\* Urban principle arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 45.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

M 48 Warning:

```
there are no sales for vehicle class LDDT12
```

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

\* ##

\* Urban minor arterial-Nash Co

"\* File 1, Run 1, Scenario 58.

\* #

\* Urban minor arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 44.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2017  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3153	0.4607	0.1571		0.0173	0.0003	0.0023	0.0415	0.0055	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.349	0.645	0.707	0.661	0.700	0.070	0.227	0.208	2.69	0.555
Composite NOX:	0.194	0.371	0.493	0.402	1.052	0.100	0.316	2.156	1.10	0.424
-----										

\* #

\* Urban collector-Nash Co

"\* File 1, Run 1, Scenario 59.

\* #

\* Urban collector mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 40.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2017  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
Evap I/M Program: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3181	0.4646	0.1584		0.0149	0.0003	0.0023	0.0359	0.0055	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.358	0.653	0.718	0.669	0.723	0.073	0.236	0.224	2.74	0.565
Composite NOX:	0.192	0.366	0.487	0.397	1.020	0.095	0.301	2.051	1.08	0.404

```
there are no sales for vehicle class LDDT12
```

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3106	0.4539	0.1548		0.0213	0.0003	0.0023	0.0514	0.0054	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.371	0.664	0.733	0.682	0.761	0.078	0.252	0.250	2.84	0.575
Composite NOX:	0.190	0.361	0.482	0.392	0.982	0.093	0.294	2.007	1.06	0.428

The user supplied freeway average speed of 65.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

there are no sales for vehicle class HDGV8b

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

VMT Distribution:0.4103 0.3253 0.1111 0.0437 0.0008 0.0020 0.1013 0.0055 1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	1.017	1.569	1.619	1.582	1.567	0.602	0.835	0.342	3.65	1.233
Composite NOX:	0.828	1.107	1.230	1.138	5.209	2.559	2.417	19.148	1.52	3.019

User supplied VMT mix.

The user supplied arterial average speed of 51.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
there are no sales for vehicle class HDGV8b
```

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

VMT Distribution:0.4240 0.3359 0.1147 0.0352 0.0008 0.0021 0.0816 0.0057 1.0000

Composite Emission Factors (g/mi):

Composite VOC:	1.076	1.661	1.715	1.674	1.648	0.617	0.855	0.362	2.92	1.317
----------------	-------	-------	-------	-------	-------	-------	-------	-------	------	-------



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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MTM Distribution:	0.4366	0.3459	0.1181		0.0272	0.0009	0.0021	0.0632	0.0059	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	1.071	1.652	1.706	1.666	1.638	0.614	0.851	0.359	2.92	1.328
Composite NOX:	0.794	1.057	1.180	1.089	4.786	1.673	1.585	11.550	1.21	1.724

\* #

\* Rural local-Edgecombe Co

"\* File 1, Run 1, Scenario 65.

\* #

\* Rural local mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 47.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year:	2005
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	92. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4374	0.3466	0.1183		0.0267	0.0009	0.0021	0.0620	0.0059	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	1.100	1.692	1.747	1.706	1.703	0.630	0.871	0.380	2.93	1.363
Composite NOX:	0.782	1.039	1.162	1.071	4.622	1.504	1.427	10.402	1.13	1.619

\* #

\* Urban freeway-Edgcombe Co

```
"* File 1, Run 1, Scenario 66.
```

\* #

Urban freeway

```

:
User supplied VMT mix.

```

M581 Warning:

The user supplied freeway average speed of 65.0



Composite VOC:	1.187	1.795	1.852	1.809	1.965	0.702	0.962	0.476	3.11	1.468
Composite NOX:	0.759	1.002	1.127	1.034	4.226	1.332	1.265	9.222	1.06	1.461

Composite VOC:	1.140	1.740	1.796	1.754	1.809	0.659	0.908	0.419	2.99	1.428
Composite NOX:	0.768	1.018	1.141	1.049	4.425	1.383	1.313	9.564	1.09	1.332

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4556	0.3610	0.1234		0.0153	0.0009	0.0022	0.0355	0.0061	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	1.148	1.749	1.805	1.763	1.826	0.665	0.915	0.426	3.00	1.441
Composite NOX:	0.766	1.014	1.137	1.045	4.386	1.365	1.296	9.452	1.08	1.268

\* ##

"\* File 1, Run 1, Scenario 70.

\* #

\* Urban local mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warn

The user supplied arterial average speed of 37.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

Calendar Year:	2005
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	92. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MTM Distribution:	0.4450	0.3527	0.1205		0.0219	0.0009	0.0022	0.0508	0.0060	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	1.170	1.775	1.831	1.789	1.906	0.686	0.942	0.455	3.06	1.453
Composite NOX:	0.762	1.007	1.131	1.039	4.295	1.347	1.279	9.315	1.07	1.408

\* #

"\* File 1, Run 1, Scenario 71.

\* #

\* Rural other principle arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 65.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the freeway roadway type for  
all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2008  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3699	0.3562	0.1214		0.0429	0.0004	0.0019	0.1020	0.0053	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.774	1.226	1.233	1.228	1.253	0.316	0.483	0.287	3.54	0.976
Composite NOX:	0.583	0.867	1.017	0.905	3.829	1.434	1.620	14.169	1.52	2.269
-----										

\* #

\* Rural minor arterial-Edgecombe Co

\*\* File 1, Run 1, Scenario 72.

"

\* #

\* Rural minor arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 51.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2008  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
---------------	------	--------	--------	------	------	------	------	------	----	---------

Composite Emission Factors (g/mi):										
Composite VOC:	0.821	1.292	1.305	1.295	1.317	0.324	0.496	0.304	2.84	1.040
Composite NOX:	0.558	0.826	0.974	0.863	3.492	0.910	1.026	8.374	1.19	1.458

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Composite Emission Factors (g/mi):										
Composite VOC:	0.813	1.280	1.292	1.283	1.302	0.322	0.492	0.298	2.84	1.043
Composite NOX:	0.561	0.832	0.980	0.869	3.543	0.959	1.081	8.826	1.24	1.320

Calendar Year: 2008  
Month: July  
Altitude: Low

Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3936	0.3788	0.1292		0.0268	0.0004	0.0020	0.0635	0.0057	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.817	1.286	1.298	1.289	1.308	0.323	0.494	0.301	2.84	1.048
Composite NOX:	0.560	0.829	0.977	0.866	3.517	0.935	1.054	8.606	1.21	1.311
-----										

\* #  
 \* Rural local-Edgecombe Co  
 \*\* File 1, Run 1, Scenario 75.  
 \* #  
 \* Rural local mix and speeds  
 M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 47.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the arterial/collector roadway  
 type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2008  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3939	0.3796	0.1295		0.0263	0.0004	0.0020	0.0626	0.0057	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.840	1.315	1.330	1.318	1.359	0.332	0.509	0.319	2.85	1.075
Composite NOX:	0.551	0.814	0.962	0.852	3.399	0.840	0.947	7.720	1.13	1.232
-----										

\* #  
 \* Urban freeway-Edgecombe Co  
 \*\* File 1, Run 1, Scenario 76.



Reformulated Gas: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3973	0.3824	0.1304		0.0242	0.0004	0.0020	0.0576	0.0057	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.907	1.390	1.409	1.395	1.553	0.373	0.575	0.399	3.02	1.155
Composite NOX:	0.535	0.785	0.933	0.823	3.106	0.743	0.837	6.815	1.06	1.110
-----										

\* #

\* Urban minor arterial-Edgecombe Co

"\* File 1, Run 1, Scenario 78.

"

\* #

\* Urban minor arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 42.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2008  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4072	0.3921	0.1336		0.0174	0.0004	0.0021	0.0413	0.0059	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.865	1.343	1.360	1.348	1.423	0.345	0.530	0.345	2.89	1.118
Composite NOX:	0.543	0.800	0.948	0.838	3.278	0.781	0.880	7.168	1.09	1.023
-----										

\* #

\* Urban collector-Edgecombe Co

"\* File 1, Run 1, Scenario 79.

"

\* #

\* Urban collector mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 40.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
WMT Distribution:	0.4107	0.3953	0.1348		0.0150	0.0004	0.0021	0.0358	0.0059	1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	0.877	1.356	1.373	1.360	1.451	0.352	0.541	0.358	2.92	1.134
Composite NOX:	0.540	0.794	0.942	0.832	3.224	0.762	0.858	6.988	1.08	0.970

\* #

\* Urban local-Edgecombe Co

```
"* File 1, Run 1, Scenario 80.
```

\* #

\* Urban local mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 38.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.4013	0.3862	0.1318		0.0215	0.0004	0.0020	0.0510	0.0058	1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	0.888	1.368	1.386	1.373	1.489	0.360	0.554	0.373	2.96	1.137
Composite NOX:	0.538	0.791	0.939	0.829	3.181	0.755	0.850	6.922	1.07	1.075

Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----										
VTM Distribution:	0.3441	0.3962	0.1351		0.0346	0.0003	0.0020	0.0824	0.0053	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.609	1.071	1.091	1.076	1.048	0.148	0.313	0.254	2.78	0.854
Composite NOX:	0.399	0.645	0.783	0.680	2.523	0.392	0.653	5.756	1.19	1.068
-----										

\* #

\* Rural major collector-Edgecombe Co

"\* File 1, Run 1, Scenario 83.

\* #

\* Rural major collector mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 53.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2011  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----										
VTM Distribution:	0.3551	0.4086	0.1394		0.0264	0.0003	0.0020	0.0627	0.0055	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.603	1.063	1.081	1.068	1.037	0.147	0.310	0.250	2.78	0.858
Composite NOX:	0.402	0.649	0.788	0.685	2.560	0.414	0.688	6.069	1.24	0.974
-----										

\* #

\* Rural minor collector-Edgecombe Co

"\* File 1, Run 1, Scenario 84.

\* #

\* Rural minor collector mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 52.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

there are no sales for vehicle class HDGV8b

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

VMT Distribution:0.3546 0.4081 0.1392 0.0267 0.0003 0.0020 0.0636 0.0055 1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	0.606	1.067	1.086	1.072	1.043	0.147	0.312	0.252	2.78	0.861
Composite NOX:	0.401	0.647	0.785	0.682	2.542	0.403	0.671	5.913	1.21	0.967

User supplied VMT mix.

The user supplied arterial average speed of 47.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

there are no sales for vehicle class HDGV8b

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

VMT Distribution:0.3551 0.4088 0.1395 0.0263 0.0003 0.0020 0.0625 0.0055 1.0000

Composite Emission Factors (g/mi):

Composite VOC:	0.622	1.088	1.110	1.093	1.076	0.152	0.322	0.267	2.79	0.881
----------------	-------	-------	-------	-------	-------	-------	-------	-------	------	-------

Composite NOX: 0.395 0.636 0.774 0.671 2.456 0.362 0.602 5.303 1.13 0.911

\* #

\* Urban freeway-Edgecombe Co

"\* File 1, Run 1, Scenario 86.

\* #

\* Urban freeway mix and speeds

M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 65.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the freeway roadway type for  
all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2011

Month: July

Altitude: Low

Minimum Temperature: 73.0 (F)

Maximum Temperature: 88.0 (F)

Minimum Rel. Hum.: 51.0 (%)

Maximum Rel. Hum.: 97.0 (%)

Barometric Pressure: 30.00 (inches Hg)

Nominal Fuel RVP: 9.0 psi

Weathered RVP: 8.7 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

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

VMT Distribution:	0.3470	0.3997	0.1363		0.0323	0.0003	0.0020	0.0770	0.0054	1.0000
-------------------	--------	--------	--------	--	--------	--------	--------	--------	--------	--------

Composite Emission Factors (g/mi):

Composite VOC:	0.578	1.026	1.036	1.028	0.999	0.144	0.304	0.240	3.46	0.822
----------------	-------	-------	-------	-------	-------	-------	-------	-------	------	-------

Composite NOX:	0.418	0.677	0.818	0.713	2.767	0.620	1.034	9.619	1.52	1.368
----------------	-------	-------	-------	-------	-------	-------	-------	-------	------	-------

\* #

\* Urban principle arterial-Edgecombe Co

"\* File 1, Run 1, Scenario 87.

\* #

\* Urban principle arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 35.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2011

Month: July

Altitude: Low

Minimum Temperature: 73.0 (F)

Maximum Temperature: 88.0 (F)

Minimum Rel. Hum.: 51.0 (%)

Maximum Rel. Hum.: 97.0 (%)

Barometric Pressure: 30.00 (inches Hg)

Nominal Fuel RVP: 9.0 psi

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

```
* #####
* Urban minor arterial-Edgecombe Co
** File 1, Run 1, Scenario 88.
* #####
* Urban minor arterial mix and speeds
M615 Comment:
```

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

Calendar Year:	2011
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

```
* #####
* Urban collector-Edgecombe Co
** File 1, Run 1, Scenario 89.
* #####
* Urban collector mix and speeds
  M615 Comment:
```

```

User supplied VMT mix.
M583 Warning:
The user supplied arterial average speed of 40.0

```

will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2011  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3702	0.4258	0.1452		0.0150	0.0003	0.0021	0.0357	0.0057	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.648	1.117	1.144	1.124	1.134	0.162	0.344	0.300	2.85	0.926
Composite NOX:	0.386	0.620	0.758	0.655	2.329	0.328	0.545	4.799	1.08	0.731
-----										

\* #

\* Urban local-Edgecombe Co

"\* File 1, Run 1, Scenario 90.

\* #

\* Urban local mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 38.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2011  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3615	0.4160	0.1419		0.0215	0.0003	0.0021	0.0511	0.0056	1.0000

Composite VOC:	0.656	1.126	1.154	1.133	1.156	0.166	0.353	0.312	2.89	0.927
Composite NOX:	0.385	0.617	0.755	0.652	2.298	0.325	0.540	4.754	1.07	0.803

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:0.3058	0.4041	0.1377			0.0427	0.0003	0.0020	0.1023	0.0051	1.0000

Composite VOC:	0.421	0.792	0.811	0.797	0.791	0.087	0.237	0.200	3.41	0.633
Composite NOX:	0.292	0.527	0.647	0.558	1.701	0.326	0.710	6.088	1.52	1.096

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

Composite Emission Factors (g/mi):										
Composite VOC:	0.439	0.819	0.846	0.826	0.828	0.090	0.245	0.212	2.73	0.661
Composite NOX:	0.279	0.502	0.619	0.532	1.551	0.207	0.449	3.656	1.19	0.748

Calendar Year:	2014
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Composite Emission Factors (g/mi):										
Composite VOC:	0.435	0.814	0.839	0.820	0.819	0.089	0.242	0.208	2.73	0.665
Composite NOX:	0.281	0.506	0.623	0.536	1.574	0.218	0.473	3.851	1.24	0.692

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Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3261	0.4306	0.1468		0.0262	0.0003	0.0021	0.0625	0.0054	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.447	0.829	0.858	0.836	0.848	0.092	0.251	0.222	2.74	0.680
Composite NOX:	0.275	0.495	0.612	0.525	1.509	0.190	0.414	3.371	1.13	0.650
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

\* #

\* Urban freeway-Edgecombe Co

"\* File 1, Run 1, Scenario 96.

\* #

\* Urban freeway mix and speeds

M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 65.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the freeway roadway type for  
all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2014  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3186	0.4210	0.1434		0.0322	0.0003	0.0021	0.0771	0.0053	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.421	0.792	0.811	0.797	0.791	0.087	0.237	0.200	3.41	0.643
Composite NOX:	0.292	0.527	0.647	0.558	1.701	0.326	0.710	6.087	1.52	0.941
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

\* #

\* Urban principle arterial-Edgecombe Co

"\* File 1, Run 1, Scenario 97.

\* #

\* Urban principle arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 35.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2014  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3284	0.4339	0.1479		0.0242	0.0003	0.0022	0.0577	0.0054	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.481	0.863	0.900	0.873	0.940	0.106	0.286	0.278	2.91	0.721
Composite NOX:	0.266	0.477	0.593	0.507	1.379	0.168	0.366	2.977	1.06	0.594
-----										

\* #

\* Urban minor arterial-Edgcombe Co

\* File 1, Run 1, Scenario 98.

\* #

\* Urban minor arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 42.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2014  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
Evap I/M Program: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3368	0.4448	0.1516		0.0173	0.0003	0.0022	0.0414	0.0056	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.460	0.842	0.874	0.850	0.880	0.097	0.262	0.241	2.78	0.703
Composite NOX:	0.271	0.487	0.603	0.516	1.456	0.177	0.385	3.138	1.09	0.561

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3396	0.4486	0.1529		0.0150	0.0003	0.0022	0.0358	0.0056	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.465	0.848	0.881	0.856	0.894	0.099	0.268	0.249	2.81	0.712
Composite NOX:	0.269	0.483	0.599	0.513	1.432	0.172	0.375	3.051	1.08	0.538

The user supplied arterial average speed of 38.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

Calendar Year:	2014
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

```
* #####
* Rural principle arterial-Edgecombe Co
** File 1, Run 1, Scenario 101.
* #####
* Rural other principle arterial mix and speeds
M615 Comment:
      User supplied VMT mix.
```

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

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June 19, 2006

VTM Distribution:0.2865 0.4185 0.1427 0.0425 0.0003 0.0021 0.1024 0.0050 1.0000

-----  
Composite Emission Factors (g/mi):

Composite VOC: 0.324 0.615 0.664 0.628 0.637 0.064 0.211 0.180 3.35 0.508  
Composite NOX: 0.208 0.400 0.527 0.432 1.212 0.180 0.568 4.148 1.52 0.787  
-----

\* #

\* Rural minor arterial-Edgecombe Co

"\* File 1, Run 1, Scenario 102.

\* #

\* Rural minor arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 52.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2017

Month: July

Altitude: Low

Minimum Temperature: 73.0 (F)

Maximum Temperature: 88.0 (F)

Minimum Rel. Hum.: 51.0 (%)

Maximum Rel. Hum.: 97.0 (%)

Barometric Pressure: 30.00 (inches Hg)

Nominal Fuel RVP: 9.0 psi

Weathered RVP: 8.7 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

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

-----  
VTM Distribution:0.2960 0.4322 0.1473 0.0343 0.0003 0.0022 0.0826 0.0051 1.0000  
-----

Composite Emission Factors (g/mi):

Composite VOC: 0.335 0.631 0.688 0.645 0.664 0.066 0.216 0.188 2.66 0.526  
Composite NOX: 0.199 0.382 0.505 0.413 1.113 0.117 0.370 2.518 1.21 0.552  
-----

\* #

\* Rural major collector-Edgecombe Co

"\* File 1, Run 1, Scenario 103.

\* #

\* Rural major collector mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 53.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2017

Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.3052	0.4459	0.1521		0.0261	0.0003	0.0022	0.0629	0.0053	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.334	0.629	0.685	0.643	0.660	0.065	0.215	0.187	2.66	0.530
Composite NOX:	0.200	0.383	0.507	0.415	1.121	0.120	0.379	2.583	1.24	0.508
-----										

\* #  
 \* Rural minor collector-Edgecombe Co  
 \*\* File 1, Run 1, Scenario 104.  
 \* #  
 \* Rural minor collector mix and speeds

M615 Comment:  
 User supplied VMT mix.  
 M583 Warning:  
 The user supplied arterial average speed of 52.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the arterial/collector roadway  
 type for all hours of the day and all vehicle types.

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

M 48 Warning:  
 there are no sales for vehicle class LDDT12

Calendar Year: 2017  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.3048	0.4452	0.1518		0.0266	0.0003	0.0022	0.0638	0.0053	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.335	0.631	0.688	0.645	0.664	0.066	0.216	0.188	2.66	0.532
Composite NOX:	0.199	0.382	0.505	0.413	1.113	0.117	0.370	2.517	1.21	0.505
-----										

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

```
* #####
* Urban principle arterial-Edgcombe Co
** File 1, Run 1, Scenario 107.
* #####
* Urban principle arterial mix and speeds
M615 Comment:
```

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

```
* #####
* Urban minor arterial-Edgecombe Co
** File 1, Run 1, Scenario 108.
* #####
* Urban minor arterial mix and speeds
```



Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.3181	0.4646	0.1584		0.0149	0.0003	0.0023	0.0359	0.0055	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.358	0.653	0.718	0.669	0.723	0.073	0.236	0.224	2.74	0.565
Composite NOX:	0.192	0.366	0.487	0.397	1.020	0.095	0.301	2.051	1.08	0.404

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.3106	0.4539	0.1548		0.0213	0.0003	0.0023	0.0514	0.0054	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.363	0.657	0.723	0.674	0.737	0.075	0.242	0.233	2.78	0.566
Composite NOX:	0.191	0.364	0.485	0.395	1.007	0.094	0.298	2.038	1.07	0.432

```
*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: RMTDMN.IN (file 1, run 1).
*****
```

```
* Reading Registration Distributions from the following external
* data file: NCAGE04.PRN
```

```
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998      MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998      MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998      MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998      MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998      MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998      MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998      MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998      MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998      MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998      MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998      MYR sum not = 1. (will normalize)
M 49 Warning:
      0.999      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
```

```
* #####
* Rural interstate-Nash Co
* File 1, Run 1, Scenario 1.
* #####
* Rural interstate mix and speeds
```

```
M615 Comment:
      User supplied VMT mix.
M581 Warning:
      The user supplied freeway average speed of 65.0
      will be used for all hours of the day. 100% of VMT
      has been assigned to the freeway roadway type for
      all hours of the day and all vehicle types.
```

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

```
      Calendar Year: 2005
      Month: July
      Altitude: Low
      Minimum Temperature: 73.0 (F)
      Maximum Temperature: 88.0 (F)
      Minimum Rel. Hum.: 51.0 (%)
      Maximum Rel. Hum.: 97.0 (%)
      Barometric Pressure: 30.00 (inches Hg)
      Nominal Fuel RVP: 9.0 psi
      Weathered RVP: 8.7 psi
      Fuel Sulfur Content: 92. ppm
```

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

```
Vehicle Type:      LDGV      LDGT12  LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV      MC  All Veh
```

Composite Emission Factors (g/mi):										
Composite VOC:	1.055	1.624	1.675	1.637	1.568	0.602	0.835	0.342	3.65	1.159
Composite NOX:	0.877	1.188	1.310	1.219	5.209	2.559	2.417	19.151	1.52	5.474

```
* #####
* Rural principle arterial-Nash Co
* File 1, Run 1, Scenario 2.
* #####
* Rural other principle arterial mix and speeds
M615 Comment:
        User supplied VMT mix.
M581 Warning:
        The user supplied freeway average speed of 60.0
        will be used for all hours of the day. 100% of VMT
        has been assigned to the freeway roadway type for
        all hours of the day and all vehicle types.
M 48 Warning:
        there are no sales for vehicle class HDGV8b
```

Calendar Year:	2005
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	92. ppm
Exhaust I/M Program:	No
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Composite Emission Factors (g/mi):										
Composite VOC:	1.074	1.655	1.708	1.668	1.577	0.602	0.835	0.342	3.28	1.292
Composite NOX:	0.864	1.168	1.290	1.199	5.045	2.105	1.991	16.049	1.40	2.737

```
* #####
* Rural minor arterial-Nash Co
* File 1, Run 1, Scenario 3.
* #####
* Rural minor arterial mix and speeds
M615 Comment:
        User supplied VMT mix.
M583 Warning:
        The user supplied arterial average speed of 53.0
        will be used for all hours of the day. 100% of VMT
        has been assigned to the arterial/collector roadway
        type for all hours of the day and all vehicle types.
M 48 Warning:
        there are no sales for vehicle class HDGV8b
```

# Mobile Source Inventory Rocky Mount 8-hour Ozone Maintenance Plan

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

```
* #####
* Rural major collector-Nash Co
* File 1, Run 1, Scenario 4.
* #####
* Rural major collector mix and speeds
M615 Comment:
    User supplied VMT mix.
M583 Warning:
    The user supplied arterial average speed of 52.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b
```

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

```
* #####
* Rural minor collector-Nash Co
* File 1, Run 1, Scenario 5.
```

\* #

\* Rural minor collector mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 50.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2005  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 92. ppm

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

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

VMT Distribution:	0.4366	0.3459	0.1181		0.0272	0.0009	0.0021	0.0632	0.0059	1.0000
-------------------	--------	--------	--------	--	--------	--------	--------	--------	--------	--------

-----  
Composite Emission Factors (g/mi):

Composite VOC:	1.126	1.733	1.789	1.747	1.661	0.619	0.858	0.366	2.92	1.391
Composite NOX:	0.838	1.129	1.251	1.160	4.717	1.584	1.501	10.941	1.16	1.736

-----

\* #

\* Rural local-Nash Co

\* File 1, Run 1, Scenario 6.

\* #

\* Rural local mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 41.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2005  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 92. ppm

Exhaust I/M Program: No  
Evap I/M Program: No  
ATP Program: Yes

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4374	0.3466	0.1183		0.0267	0.0009	0.0021	0.0620	0.0059	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	1.188	1.809	1.867	1.824	1.809	0.659	0.908	0.419	2.99	1.462
Composite NOX:	0.819	1.097	1.220	1.129	4.424	1.383	1.313	9.572	1.09	1.605

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MT Distribution:	0.3928	0.3114	0.1064		0.0546	0.0008	0.0019	0.1268	0.0053	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	1.055	1.624	1.675	1.637	1.568	0.602	0.835	0.342	3.65	1.249
Composite NOX:	0.877	1.188	1.310	1.219	5.209	2.559	2.417	19.150	1.52	3.580

there are no sales for vehicle class HDGV8b

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.4274	0.3388	0.1158		0.0329	0.0008	0.0021	0.0764	0.0058	1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	1.055	1.624	1.675	1.637	1.567	0.602	0.835	0.342	3.65	1.296
Composite NOX:	0.877	1.188	1.310	1.219	5.209	2.559	2.417	19.143	1.52	2.578

```
* #####
* Urban principle arterial-Nash Co
* File 1, Run 1, Scenario 9.
* #####
* Urban principle arterial mix and speeds
M615 Comment:
    User supplied VMT mix.
M583 Warning:
    The user supplied arterial average speed of 46.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b
```

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MT Distribution:	0.4405	0.3492	0.1193		0.0247	0.0009	0.0022	0.0573	0.0059	1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	1.153	1.767	1.823	1.781	1.719	0.634	0.876	0.385	2.94	1.427
Composite NOX:	0.830	1.115	1.238	1.146	4.590	1.476	1.400	10.201	1.12	1.611

M615 Comment: User supplied VMT mix.

M583 Warning:  
The user supplied arterial average speed of 44.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

Calendar Year:	2005
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	92. ppm

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

Composite Emission Factors (g/mi):										
Composite VOC:	1.166	1.784	1.841	1.799	1.752	0.643	0.887	0.397	2.95	1.459
Composite NOX:	0.825	1.108	1.231	1.139	4.524	1.431	1.358	9.894	1.10	1.417

M615 Comment: User supplied VMT mix.

M583 Warning:  
The user supplied arterial average speed of 39.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

Calendar Year:	2005
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	92. ppm

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4556	0.3610	0.1234		0.0153	0.0009	0.0022	0.0355	0.0061	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	1.203	1.828	1.885	1.842	1.850	0.671	0.923	0.435	3.02	1.505
Composite NOX:	0.815	1.091	1.215	1.123	4.356	1.359	1.291	9.412	1.08	1.326

```
* #####  
* Urban local-Nash Co  
* File 1, Run 1, Scenario 12.  
* #####  
* Urban local mix and speeds  
M615 Comment:
```

```

User supplied VMT mix.
M583 Warning:
    The user supplied arterial average speed of 34.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b

```

Calendar Year:	2005
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	92. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4450	0.3527	0.1205		0.0219	0.0009	0.0022	0.0508	0.0060	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	1.249	1.883	1.942	1.898	1.997	0.711	0.973	0.488	3.13	1.544
Composite NOX:	0.815	1.085	1.210	1.117	4.196	1.334	1.267	9.232	1.05	1.462

```
* #####
* Rural interstate-Nash Co
* File 1, Run 1, Scenario 13.
* #####
* Rural interstate mix and speeds
M615 Comment:
```

```

User supplied VMT mix.
M581 Warning:
    The user supplied freeway average speed of 65.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the freeway roadway type for
    all hours of the day and all vehicle types.

```

there are no sales for vehicle class HDGV8b

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

VMT Distribution:0.2949 0.2841 0.0970 0.0942 0.0003 0.0015 0.2237 0.0043 1.0000

Composite VOC:	0.833	1.307	1.312	1.308	1.253	0.316	0.483	0.287	3.54	0.942
Composite NOX:	0.654	0.974	1.121	1.011	3.829	1.434	1.620	14.165	1.52	4.117

User supplied VMT mix.

The user supplied freeway average speed of 61.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

```
there are no sales for vehicle class HDGV8b
```

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

VMT Distribution:0.3699 0.3562 0.1214 0.0429 0.0004 0.0019 0.1020 0.0053 1.0000

Composite VOC:	0.845	1.325	1.332	1.327	1.260	0.316	0.483	0.287	3.27	1.048
----------------	-------	-------	-------	-------	-------	-------	-------	-------	------	-------



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

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.3940	0.3795	0.1293		0.0264	0.0004	0.0020	0.0627	0.0057	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.882	1.376	1.387	1.379	1.310	0.323	0.494	0.301	2.84	1.120
Composite NOX:	0.630	0.934	1.079	0.971	3.519	0.935	1.054	8.605	1.21	1.384

\* #

\* Rural minor collector-Nash Co

\* File 1, Run 1, Scenario 17.

\* #

```

* Rural minor collector mix and speeds

```

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 50.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3936	0.3788	0.1292		0.0268	0.0004	0.0020	0.0635	0.0057	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.893	1.390	1.402	1.393	1.326	0.326	0.499	0.307	2.84	1.131
Composite NOX:	0.627	0.927	1.072	0.964	3.466	0.885	0.997	8.138	1.16	1.355

\* #

\* Rural local-Nash Co

\* File 1, Run 1, Scenario 18.

\* #

\* Rural local mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 42.0

will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2008  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3939	0.3796	0.1295		0.0263	0.0004	0.0020	0.0626	0.0057	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.937	1.442	1.457	1.446	1.423	0.345	0.530	0.345	2.89	1.182
Composite NOX:	0.614	0.905	1.050	0.942	3.279	0.781	0.880	7.171	1.09	1.265
-----										

\* #

\* Urban interstate-Nash Co

\* File 1, Run 1, Scenario 19.

\* #

\* Urban interstate mix and speeds

M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 65.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the freeway roadway type for  
all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2008  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3540	0.3410	0.1163		0.0537	0.0004	0.0018	0.1277	0.0051	1.0000



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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.3973	0.3824	0.1304		0.0242	0.0004	0.0020	0.0576	0.0057	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.920	1.424	1.437	1.427	1.382	0.337	0.516	0.328	2.86	1.167
Composite NOX:	0.619	0.913	1.058	0.950	3.347	0.807	0.909	7.410	1.10	1.244

\* ##

\* File 1, Run 1, Scenario 22.

\* #

\* Urban minor arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 44.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MTM Distribution:	0.4072	0.3921	0.1336		0.0174	0.0004	0.0021	0.0413	0.0059	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.925	1.430	1.443	1.433	1.395	0.339	0.521	0.333	2.87	1.186
Composite NOX:	0.617	0.910	1.056	0.947	3.325	0.799	0.900	7.333	1.10	1.119

\* #

\* File 1, Run 1, Scenario 23.

\* #

\* Urban collector mix and speeds

M615 Comment:



Composite Emission Factors (g/mi):										
Composite VOC:	0.992	1.506	1.524	1.510	1.576	0.378	0.583	0.409	3.05	1.254
Composite NOX:	0.610	0.892	1.039	0.929	3.083	0.744	0.838	6.824	1.05	1.149

Calendar Year:	2011
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	No
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

```
* #####
* Rural principle arterial-Nash Co
* File 1, Run 1, Scenario 26.
* #####
* Rural other principle arterial mix and speeds
M615 Comment:
        User supplied VMT mix.
M581 Warning:
        The user supplied freeway average speed of 61.0
        will be used for all hours of the day. 100% of VMT
        has been assigned to the freeway roadway type for
        all hours of the day and all vehicle types.
M 48 Warning:
        there are no sales for vehicle class HDGV8b
```

5-216  
June 19, 2006

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.3332	0.3837	0.1308		0.0429	0.0003	0.0019	0.1020	0.0052	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.659	1.138	1.147	1.140	1.007	0.144	0.304	0.240	3.19	0.891
Composite NOX:	0.501	0.797	0.929	0.831	2.698	0.533	0.888	8.324	1.43	1.569

```
* #####
* Rural minor arterial-Nash Co
* File 1, Run 1, Scenario 27.
* #####
* Rural minor arterial mix and speeds
M615 Comment:
        User supplied VMT mix.
M583 Warning:
        The user supplied arterial average speed of 53.0
        will be used for all hours of the day. 100% of VMT
        has been assigned to the arterial/collector roadway
        type for all hours of the day and all vehicle types.
M 48 Warning:
        there are no sales for vehicle class HDGV8b
```

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MTM Distribution:	0.3441	0.3962	0.1351		0.0346	0.0003	0.0020	0.0824	0.0053	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.682	1.172	1.186	1.175	1.037	0.147	0.310	0.250	2.78	0.931
Composite NOX:	0.490	0.777	0.907	0.810	2.559	0.414	0.688	6.068	1.24	1.195

```
* * * * *
```

Rural major collector-Nash Co

File 1. Run 1. Scenario 28.



Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3546	0.4081	0.1392		0.0267	0.0003	0.0020	0.0636	0.0055	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.693	1.187	1.204	1.192	1.055	0.149	0.315	0.257	2.78	0.958
Composite NOX:	0.485	0.770	0.900	0.803	2.505	0.381	0.634	5.589	1.16	1.041

```
there are no sales for vehicle class HDGV8b
```

Calendar Year:	2011
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3551	0.4088	0.1395		0.0263	0.0003	0.0020	0.0625	0.0055	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.726	1.227	1.249	1.233	1.116	0.159	0.337	0.289	2.83	0.997
Composite NOX:	0.476	0.752	0.881	0.785	2.369	0.336	0.559	4.923	1.09	0.976

there are no sales for vehicle class HDGV8b

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3191	0.3673	0.1253		0.0536	0.0003	0.0018	0.1277	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	0.650	1.124	1.131	1.126	0.999	0.144	0.304	0.240	3.46	0.864
Composite NOX:	0.506	0.807	0.939	0.841	2.767	0.620	1.034	9.619	1.52	1.962

\* #

\* Urban freeway-Nash Co

\* File 1, Run 1, Scenario 32.

\* #

\* Urban freeway mix and speeds

M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 65.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

Calendar Year:	2011
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3470	0.3997	0.1363		0.0323	0.0003	0.0020	0.0770	0.0054	1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	0.650	1.124	1.131	1.126	0.999	0.144	0.304	0.240	3.46	0.899
Composite NOX:	0.506	0.807	0.939	0.841	2.767	0.620	1.034	9.619	1.52	1.467





there are no sales for vehicle class HDGV8b

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

VMT Distribution:0.3615 0.4160 0.1419 0.0215 0.0003 0.0021 0.0511 0.0056 1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	0.768	1.276	1.304	1.284	1.208	0.175	0.374	0.343	2.98	1.055
Composite NOX:	0.473	0.741	0.872	0.775	2.228	0.320	0.532	4.686	1.05	0.898

```
* #####
* Rural interstate-Nash Co
* File 1, Run 1, Scenario 37.
* #####
* Rural interstate mix and speeds
* M615 Comment:
```

```

M581 Warning:
    User supplied VMT mix.
    The user supplied freeway average speed of 65.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the freeway roadway type for
    all hours of the day and all vehicle types.

```

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

```
M 48 Warning:
      there are no sales for vehicle class LDDT12
```

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

VMT Distribution:0.2441 0.3224 0.1099 0.0937 0.0002 0.0016 0.2241 0.0040 1.0000

---

```

User supplied VMT mix.
M581 Warning:
    The user supplied freeway average speed of 61.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the freeway roadway type for
    all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

```

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

```

User supplied VMT mix.
M583 Warning:
    The user supplied arterial average speed of 53.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

```

5-224  
June 19, 2006

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
MTM Distribution:	0.3161	0.4173	0.1422		0.0344	0.0003	0.0021	0.0824	0.0052	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.523	0.945	0.961	0.949	0.819	0.089	0.242	0.208	2.73	0.756
Composite NOX:	0.380	0.659	0.764	0.686	1.573	0.218	0.473	3.851	1.24	0.883

```
* #####
* Rural major collector-Nash Co
* File 1, Run 1, Scenario 40.
* #####
* Rural major collector mix and speeds
M615 Comment:
    User supplied VMT mix.
M583 Warning:
    The user supplied arterial average speed of 52.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12
```

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

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3258	0.4305	0.1468		0.0263	0.0003	0.0021	0.0628	0.0054	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.526	0.948	0.965	0.953	0.824	0.089	0.243	0.210	2.73	0.771
Composite NOX:	0.379	0.657	0.762	0.684	1.563	0.212	0.461	3.755	1.21	0.803

\* ##

\* Rural minor collector mix and speeds

User supplied VMT mix.

The user supplied arterial average speed of 50.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

there are no sales for vehicle class HDGV8b

```

there are no sales for vehicle class LDDT12

```

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

VMT Distribution:0.3256 0.4298 0.1465 0.0266 0.0003 0.0021 0.0637 0.0054 1.0000

Composite VOC:	0.531	0.956	0.974	0.961	0.832	0.090	0.246	0.214	2.73	0.777
Composite NOX:	0.377	0.653	0.758	0.680	1.540	0.201	0.436	3.550	1.16	0.789

\* Rural local-Nash Co

\* File 1, Run 1, Scenario 42.

\* #

M615 Comment:

```

User supplied VMT mix.
M583 Warning:
  The user supplied arterial average speed of 42.0
  will be used for all hours of the day. 100% of VMT
  has been assigned to the arterial/collector roadway
  type for all hours of the day and all vehicle types.

```

```
there are no sales for vehicle class HDGV8b
```

```
there are no sales for vehicle class LDDT12
```

Nominal Fuel RVP: 9.0 psi

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

```
* #####
* Urban interstate-Nash Co
* File 1, Run 1, Scenario 43.
* #####
* Urban interstate mix and speeds
  M615 Comment:
```

```
M 48 Warning:
      there are no sales for vehicle class HDGV8b
M 48 Warning:
      there are no sales for vehicle class LDDT12
```

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

```
* #####
* Urban freeway-Nash Co
* File 1, Run 1, Scenario 44.
* #####
* Urban freeway mix and speeds
  M615 Comment:
      User supplied VMT mix.
```

The user supplied freeway average speed of 65.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

```
there are no sales for vehicle class LDDT12
```

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

```
* #####
* Urban principle arterial-Nash Co
* File 1, Run 1, Scenario 45.
* #####
* Urban principle arterial mix and speeds
M615 Comment:
```

The user supplied arterial average speed of 45.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
there are no sales for vehicle class LDDT12
```

Exhaust I/M Program:	No
Evap I/M Program:	No
ATP Program:	Yes

Reformulated Gas: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----										
VTM Distribution:	0.3284	0.4339	0.1479		0.0242	0.0003	0.0022	0.0577	0.0054	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.546	0.974	0.995	0.980	0.860	0.094	0.255	0.228	2.75	0.799
Composite NOX:	0.373	0.644	0.748	0.670	1.486	0.183	0.397	3.235	1.10	0.742
-----										

\* #

\* Urban minor arterial-Nash Co

\* File 1, Run 1, Scenario 46.

\* #

\* Urban minor arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 44.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2014  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----										
VTM Distribution:	0.3368	0.4448	0.1516		0.0173	0.0003	0.0022	0.0414	0.0056	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.549	0.978	0.999	0.983	0.867	0.095	0.257	0.233	2.76	0.812
Composite NOX:	0.372	0.642	0.747	0.669	1.477	0.181	0.393	3.210	1.10	0.690
-----										

\* #

\* Urban collector-Nash Co

\* File 1, Run 1, Scenario 47.

\* #

\* Urban collector mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 39.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
g:
there are no sales for vehicle class LDDT12
```

Calendar Year:	2014
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MTM Distribution:	0.3396	0.4486	0.1529		0.0150	0.0003	0.0022	0.0358	0.0056	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.566	0.996	1.021	1.003	0.903	0.100	0.271	0.255	2.83	0.834
Composite NOX:	0.368	0.634	0.738	0.660	1.423	0.172	0.373	3.037	1.08	0.659

```
* #####
* Urban local-Nash Co
* File 1, Run 1, Scenario 48.
* #####
* Urban local mix and speeds
M615 Comment:
```

```

User supplied VMT mix.
M583 Warning:
  The user supplied arterial average speed of 34.0
  will be used for all hours of the day. 100% of VMT
  has been assigned to the arterial/collector roadway
  type for all hours of the day and all vehicle types.

```

```
M 48 Warning:
      there are no sales for vehicle class HDGV8b
M 48 Warning:
      there are no sales for vehicle class LDDT12
```

Calendar Year:	2014
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3319	0.4383	0.1493		0.0214	0.0003	0.0022	0.0511	0.0055	1.0000



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

Composite Emission Factors (g/mi):										
Composite VOC:	0.412	0.753	0.794	0.764	0.642	0.064	0.211	0.180	3.08	0.608
Composite NOX:	0.311	0.564	0.676	0.592	1.182	0.155	0.488	3.611	1.43	0.850

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	No
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Mobile Source Inventory  
Rocky Mount 8-hour Ozone Maintenance Plan

M615 Comment:

M583 Warning:

M 48 Warning:

M 48 Warning:

Calendar Year: 2017

Month: July

Altitude: Low

Minimum Temperature: 73.0 (F)

Maximum Temperature: 88.0 (F)

Minimum Rel. Hum.: 51.0 (%)

Maximum Rel. Hum.: 97.0 (%)

Barometric Pressure: 30.00 (inches Hg)

Nominal Fuel RVP: 9.0 psi

Weathered RVP: 8.7 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: No

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

VMT Distribution:0.3052 0.4459 0.1521 0.0261 0.0003 0.0022 0.0629 0.0053 1.0000

Composite Emission Factors (g/mi):

Composite VOC:	0.427	0.775	0.821	0.787	0.664	0.066	0.216	0.188	2.66	0.644
----------------	-------	-------	-------	-------	-------	-------	-------	-------	------	-------

Composite NOx:	0.304	0.549	0.659	0.577	1.113	0.117	0.370	2.520	1.21	0.633
----------------	-------	-------	-------	-------	-------	-------	-------	-------	------	-------

\* #

\* Rural minor collector-Nash Co

\* File 1, Run 1, Scenario 53.

\* #

\* Rural minor collector mix and speeds

M615 Comment:

M583 Warning:

M 48 Warning:

M 48 Warning:

Calendar Year: 2017

Month: July

Altitude: Low

Minimum Temperature: 73.0 (F)

Maximum Temperature: 88.0 (F)

Minimum Rel. Hum.: 51.0 (%)

Maximum Rel. Hum.: 97.0 (%)

Barometric Pressure: 30.00 (inches Hg)

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

```
* #####
* Rural local-Nash Co
* File 1, Run 1, Scenario 54.
* #####
* Rural local mix and speeds
```

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

```
* #####
* Urban interstate-Nash Co
* File 1, Run 1, Scenario 55.
* #####
* Urban interstate mix and speeds
* M615 Comment:
```



Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2984	0.4360	0.1486		0.0321	0.0003	0.0022	0.0772	0.0052	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.407	0.746	0.784	0.756	0.638	0.064	0.211	0.180	3.35	0.615
Composite NOX:	0.314	0.570	0.684	0.599	1.212	0.180	0.568	4.146	1.52	0.812

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTMT Distribution:	0.3076	0.4494	0.1532		0.0240	0.0003	0.0023	0.0579	0.0053	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.444	0.795	0.846	0.808	0.694	0.069	0.225	0.205	2.68	0.667
Composite NOX:	0.299	0.537	0.647	0.565	1.059	0.101	0.319	2.176	1.10	0.591

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	No
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

```
* #####
* Urban collector-Nash Co
* File 1, Run 1, Scenario 59.
* #####
* Urban collector mix and speeds
M615 Comment:
    User supplied VMT mix.
M583 Warning:
    The user supplied arterial average speed of 40.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12
```

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	No
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4103	0.3253	0.1111		0.0437	0.0008	0.0020	0.1013	0.0055	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	1.055	1.624	1.675	1.637	1.567	0.602	0.835	0.342	3.65	1.273
Composite NOX:	0.877	1.188	1.310	1.219	5.209	2.559	2.417	19.148	1.52	3.074

```
* #####
* Rural minor arterial-Edgecombe Co
* File 1, Run 1, Scenario 62.
* #####
* Rural minor arterial mix and speeds
M615 Comment:
        User supplied VMT mix.
M583 Warning:
        The user supplied arterial average speed of 51.0
        will be used for all hours of the day. 100% of VMT
        has been assigned to the arterial/collector roadway
        type for all hours of the day and all vehicle types.
M 48 Warning:
        there are no sales for vehicle class HDGV8b
```

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MTM Distribution:	0.4240	0.3359	0.1147		0.0352	0.0008	0.0021	0.0816	0.0057	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	1.120	1.724	1.780	1.738	1.648	0.617	0.855	0.362	2.92	1.365
Composite NOX:	0.841	1.133	1.255	1.164	4.751	1.629	1.544	11.254	1.19	1.978

```
* #####
```

Rural major collector-Edgecombe Co

File 1, Run 1, Scenario 63.

\* #

\* Rural major collector mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 53.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2005  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 92. ppm

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

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

VMT Distribution:	0.4371	0.3464	0.1183		0.0269	0.0009	0.0021	0.0623	0.0059	1.0000
-------------------	--------	--------	--------	--	--------	--------	--------	--------	--------	--------

-----  
Composite Emission Factors (g/mi):

Composite VOC:	1.108	1.706	1.762	1.721	1.628	0.612	0.848	0.356	2.92	1.369
Composite NOX:	0.846	1.141	1.263	1.172	4.820	1.715	1.625	11.841	1.24	1.795

-----

\* #

\* Rural minor collector-Edgecombe Co

\* File 1, Run 1, Scenario 64.

\* #

\* Rural minor collector mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 52.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2005  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 92. ppm

Exhaust I/M Program: No  
Evap I/M Program: No  
ATP Program: Yes

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4366	0.3459	0.1181		0.0272	0.0009	0.0021	0.0632	0.0059	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	1.114	1.715	1.770	1.729	1.638	0.614	0.851	0.359	2.92	1.376
Composite NOX:	0.844	1.137	1.259	1.168	4.786	1.673	1.585	11.550	1.21	1.783

```

M615 Comment:
        User supplied VMT mix.
M583 Warning:
        The user supplied arterial average speed of 47.0
        will be used for all hours of the day. 100% of VMT
        has been assigned to the arterial/collector roadway
        type for all hours of the day and all vehicle types.

```

Calendar Year:	2005
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	92. ppm

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4374	0.3466	0.1183		0.0267	0.0009	0.0021	0.0620	0.0059	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	1.146	1.758	1.814	1.772	1.703	0.630	0.871	0.380	2.93	1.414
Composite NOX:	0.832	1.119	1.241	1.150	4.622	1.504	1.427	10.402	1.13	1.678

```
M615 Comment:
        User supplied VMT mix.
M581 Warning:
        The user supplied freeway average speed of 65.0
        will be used for all hours of the day. 100% of VMT
        has been assigned to the freeway roadway type for
        all hours of the day and all vehicle types.
```

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

```
* #####
* Urban principle arterial-Edgecombe Co
* File 1, Run 1, Scenario 67.
* #####
* Urban principle arterial mix and speeds
```

Calendar Year:	2005
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	92. ppm
Exhaust I/M Program:	No
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Mobile Source Inventory  
Rocky Mount 8-hour Ozone Maintenance Plan



Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4556	0.3610	0.1234		0.0153	0.0009	0.0022	0.0355	0.0061	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	1.196	1.819	1.876	1.833	1.826	0.665	0.915	0.426	3.00	1.497
Composite NOX:	0.816	1.093	1.217	1.125	4.386	1.365	1.296	9.452	1.08	1.330

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4450	0.3527	0.1205		0.0219	0.0009	0.0022	0.0508	0.0060	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	1.220	1.847	1.905	1.862	1.906	0.686	0.942	0.455	3.06	1.509
Composite NOX:	0.813	1.087	1.211	1.118	4.295	1.347	1.279	9.315	1.07	1.468

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

Calendar Year: 2008  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm  
  
 Exhaust I/M Program: No  
 Evap I/M Program: No  
 ATP Program: Yes  
 Reformulated Gas: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3699	0.3562	0.1214		0.0429	0.0004	0.0019	0.1020	0.0053	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.833	1.307	1.312	1.308	1.253	0.316	0.483	0.287	3.54	1.036
Composite NOX:	0.654	0.974	1.121	1.011	3.829	1.434	1.620	14.169	1.52	2.345
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

\* #  
 \* Rural minor arterial-Edgecombe Co  
 \* File 1, Run 1, Scenario 72.  
 \* #  
 \* Rural minor arterial mix and speeds  
 M615 Comment:

User supplied VMT mix.

M583 Warning:  
 The user supplied arterial average speed of 51.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the arterial/collector roadway  
 type for all hours of the day and all vehicle types.

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

Calendar Year: 2008  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm  
  
 Exhaust I/M Program: No  
 Evap I/M Program: No  
 ATP Program: Yes  
 Reformulated Gas: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3819	0.3678	0.1255		0.0346	0.0004	0.0019	0.0824	0.0055	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.887	1.383	1.394	1.386	1.317	0.324	0.496	0.304	2.84	1.110



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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.3936	0.3788	0.1292		0.0268	0.0004	0.0020	0.0635	0.0057	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.882	1.376	1.387	1.379	1.308	0.323	0.494	0.301	2.84	1.119
Composite NOX:	0.630	0.934	1.079	0.971	3.517	0.935	1.054	8.606	1.21	1.391

```
* #####
* Rural local-Edgecombe Co
* File 1, Run 1, Scenario 75.
* #####
* Rural local mix and speeds
* M615 Comment:
```

User supplied VMT mix.

M583 Warning:  
The user supplied arterial average speed of 47.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

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

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MT Distribution:	0.3939	0.3796	0.1295		0.0263	0.0004	0.0020	0.0626	0.0057	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.908	1.410	1.422	1.413	1.359	0.332	0.509	0.319	2.85	1.150
Composite NOX:	0.622	0.919	1.064	0.956	3.399	0.840	0.947	7.720	1.13	1.313

```
* #####
* Urban freeway-Edgcombe Co
* File 1, Run 1, Scenario 76.
* #####
* Urban freeway mix and speeds
* M615 Comment:
```

```

User supplied VMT mix.
M581 Warning:
The user supplied freeway average speed of 65.0

```



Composite VOC:	0.983	1.495	1.512	1.499	1.553	0.373	0.575	0.399	3.02	1.238
Composite NOX:	0.607	0.889	1.036	0.927	3.106	0.743	0.837	6.815	1.06	1.192

Composite VOC:	0.937	1.442	1.457	1.446	1.423	0.345	0.530	0.345	2.89	1.199
Composite NOX:	0.614	0.905	1.050	0.942	3.278	0.781	0.880	7.168	1.09	1.107

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4107	0.3953	0.1348		0.0150	0.0004	0.0021	0.0358	0.0059	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.949	1.456	1.472	1.460	1.451	0.352	0.541	0.358	2.92	1.217
Composite NOX:	0.611	0.899	1.044	0.936	3.224	0.762	0.858	6.988	1.08	1.054

\* ##

\* Urban local-Edgecombe Co

\* File 1, Run 1, Scenario 80.

\* #

\* Urban local mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warn

The user supplied arterial average speed of 38.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MT Distribution:	0.4013	0.3862	0.1318		0.0215	0.0004	0.0020	0.0510	0.0058	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.961	1.470	1.486	1.474	1.489	0.360	0.554	0.373	2.96	1.219
Composite NOX:	0.610	0.895	1.041	0.932	3.181	0.755	0.850	6.922	1.07	1.157

\* #

\* Rural principle arterial-Edgecombe Co

\* File 1, Run 1, Scenario 81.

\* #

\* Rural other principle arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 65.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the freeway roadway type for  
all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2011  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3332	0.3837	0.1308		0.0429	0.0003	0.0019	0.1020	0.0052	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.650	1.124	1.131	1.126	0.999	0.144	0.304	0.240	3.46	0.882
Composite NOX:	0.506	0.807	0.939	0.841	2.767	0.620	1.034	9.623	1.52	1.712
-----										

\* #  
\* Rural minor arterial-Edgecombe Co  
\* File 1, Run 1, Scenario 82.  
\* #  
\* Rural minor arterial mix and speeds  
M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 51.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2011  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
---------------	------	--------	--------	------	------	------	------	------	----	---------

Composite Emission Factors (g/mi):										
Composite VOC:	0.689	1.182	1.198	1.186	1.048	0.148	0.313	0.254	2.78	0.940
Composite NOX:	0.487	0.772	0.902	0.805	2.523	0.392	0.653	5.756	1.19	1.165

```
* #####
* Rural major collector-Edgecombe Co
* File 1, Run 1, Scenario 83.
* #####
* Rural major collector mix and speeds
M615 Comment:
    User supplied VMT mix.
M583 Warning:
    The user supplied arterial average speed of 53.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b
```

Calendar Year:	2011
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Composite Emission Factors (g/mi):										
Composite VOC:	0.682	1.172	1.186	1.175	1.037	0.147	0.310	0.250	2.78	0.945
Composite NOX:	0.490	0.777	0.907	0.810	2.560	0.414	0.688	6.069	1.24	1.074

```
* #####
* Rural minor collector-Edgecombe Co
* File 1, Run 1, Scenario 84.
* #####
* Rural minor collector mix and speeds
M615 Comment:
        User supplied VMT mix.
M583 Warning:
        The user supplied arterial average speed of 52.0
        will be used for all hours of the day. 100% of VMT
        has been assigned to the arterial/collector roadway
        type for all hours of the day and all vehicle types.
M 48 Warning:
        there are no sales for vehicle class HDGV8b
```

# Mobile Source Inventory Rocky Mount 8-hour Ozone Maintenance Plan

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
MTM Distribution:	0.3546	0.4081	0.1392		0.0267	0.0003	0.0020	0.0636	0.0055	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.686	1.177	1.192	1.181	1.043	0.147	0.312	0.252	2.78	0.949
Composite NOX:	0.488	0.775	0.905	0.808	2.542	0.403	0.671	5.913	1.21	1.067

```
* #####
* Rural local-Edgecombe Co
* File 1, Run 1, Scenario 85.
* #####
* Rural local mix and speeds
M615 Comment:
    User supplied VMT mix.
M583 Warning:
    The user supplied arterial average speed of 47.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b
```

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
MTM Distribution:	0.3551	0.4088	0.1395		0.0263	0.0003	0.0020	0.0625	0.0055	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.705	1.202	1.221	1.207	1.076	0.152	0.322	0.267	2.79	0.973
Composite NOX:	0.482	0.763	0.893	0.796	2.456	0.362	0.602	5.303	1.13	1.011

```
* # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban freeway-Edgcombe Co
* File 1. Run 1. Scenario 86.
```

\* Urban freeway mix and speeds

User supplied VMT mix.

The user supplied freeway average speed of 65.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

```
there are no sales for vehicle class HDGV8b
```

Calendar Year:	2011
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

VMT Distribution:0.3470 0.3997 0.1363 0.0323 0.0003 0.0020 0.0770 0.0054 1.0000

Composite Emission Factors (g/mi):

Composite VOC:	0.650	1.124	1.131	1.126	0.999	0.144	0.304	0.240	3.46	0.899
Composite NOX:	0.506	0.807	0.939	0.841	2.767	0.620	1.034	9.619	1.52	1.467

\* Urban principle arterial-Edgecombe Co

\* File 1, Run 1, Scenario 87.

\* Urban principle arterial mix and speeds

User supplied VMT mix.

The user supplied arterial average speed of 35.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
there are no sales for vehicle class HDGV8b
```

Calendar Year:	2011
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

Exhaust	I/M Program:	No
Evap	I/M Program:	No
	ATP Program:	Yes

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.3578	0.4119	0.1405		0.0242	0.0003	0.0020	0.0578	0.0055	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.761	1.268	1.294	1.274	1.194	0.173	0.368	0.334	2.95	1.041
Composite NOX:	0.471	0.739	0.870	0.772	2.242	0.320	0.531	4.677	1.06	0.926

```

M615 Comment:
        User supplied VMT mix.
M583 Warning:
        The user supplied arterial average speed of 42.0
        will be used for all hours of the day. 100% of VMT
        has been assigned to the arterial/collector roadway
        type for all hours of the day and all vehicle types.

```

Calendar Year:	2011
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3668	0.4223	0.1441		0.0174	0.0003	0.0021	0.0413	0.0057	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.726	1.227	1.249	1.233	1.116	0.159	0.337	0.289	2.83	1.013
Composite NOX:	0.476	0.752	0.882	0.785	2.369	0.336	0.559	4.927	1.09	0.871

```

M615 Comment:
    User supplied VMT mix.
M583 Warning:
    The user supplied arterial average speed of 40.0
    will be used for all hours of the day.  100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.

```

5-255  
June 19, 2006

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

```
* #####
* Urban local-Edgecombe Co
* File 1, Run 1, Scenario 90.
* #####
* Urban local mix and speeds
```

Calendar Year:	2011
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Mobile Source Inventory  
Rocky Mount 8-hour Ozone Maintenance Plan

M615 Comment:

M581 Warning:

M 48 Warning:

M 48 Warning:

Calendar Year: 2014

Month: July

Altitude: Low

Minimum Temperature: 73.0 (F)

Maximum Temperature: 88.0 (F)

Minimum Rel. Hum.: 51.0 (%)

Maximum Rel. Hum.: 97.0 (%)

Barometric Pressure: 30.00 (inches Hg)

Nominal Fuel RVP: 9.0 psi

Weathered RVP: 8.7 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: No

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

VMT Distribution:0.3058 0.4041 0.1377 0.0427 0.0003 0.0020 0.1023 0.0051 1.0000

Composite Emission Factors (g/mi):

Composite VOC:	0.501	0.911	0.921	0.914	0.791	0.087	0.237	0.200	3.41	0.720
----------------	-------	-------	-------	-------	-------	-------	-------	-------	------	-------

Composite NOX:	0.393	0.684	0.791	0.711	1.701	0.326	0.710	6.088	1.52	1.210
----------------	-------	-------	-------	-------	-------	-------	-------	-------	------	-------

\* #

\* Rural minor arterial-Edgecombe Co

\* File 1, Run 1, Scenario 92.

\* #

\* Rural minor arterial mix and speeds

M615 Comment:

M583 Warning:

M 48 Warning:

M 48 Warning:

Calendar Year: 2014

Month: July

Altitude: Low

Minimum Temperature: 73.0 (F)

Maximum Temperature: 88.0 (F)

Minimum Rel. Hum.: 51.0 (%)

Maximum Rel. Hum.: 97.0 (%)

Barometric Pressure: 30.00 (inches Hg)

Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3161	0.4173	0.1422		0.0344	0.0003	0.0021	0.0824	0.0052	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.528	0.952	0.970	0.957	0.828	0.090	0.245	0.212	2.73	0.763
Composite NOX:	0.378	0.655	0.760	0.682	1.551	0.207	0.449	3.656	1.19	0.863
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

\* #

\* Rural major collector-Edgecombe Co

\* File 1, Run 1, Scenario 93.

\* #

\* Rural major collector mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 53.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2014  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3258	0.4305	0.1468		0.0263	0.0003	0.0021	0.0628	0.0054	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.523	0.945	0.961	0.949	0.819	0.089	0.242	0.208	2.73	0.768
Composite NOX:	0.380	0.659	0.764	0.686	1.574	0.218	0.473	3.851	1.24	0.811
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

\* #

\* Rural minor collector-Edgecombe Co

\* File 1, Run 1, Scenario 94.

\* #

\* Rural minor collector mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 52.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2014  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3256	0.4298	0.1465		0.0266	0.0003	0.0021	0.0637	0.0054	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.526	0.948	0.965	0.953	0.823	0.089	0.243	0.210	2.73	0.771
Composite NOX:	0.379	0.657	0.762	0.684	1.563	0.212	0.461	3.753	1.21	0.806
-----										

\* #  
\* Rural local-Edgecombe Co  
\* File 1, Run 1, Scenario 95.  
\* #  
\* Rural local mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 47.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2014  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: No  
Evap I/M Program: No

ATP Program: Yes  
Reformulated Gas: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----										
VMT Distribution:	0.3261	0.4306	0.1468		0.0262	0.0003	0.0021	0.0625	0.0054	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.540	0.967	0.986	0.972	0.848	0.092	0.251	0.222	2.74	0.788
Composite NOX:	0.375	0.648	0.752	0.674	1.509	0.190	0.414	3.371	1.13	0.769
-----										

\* #

\* Urban freeway-Edgecombe Co

\* File 1, Run 1, Scenario 96.

\* #

\* Urban freeway mix and speeds

M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 65.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the freeway roadway type for  
all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2014  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----										
VMT Distribution:	0.3186	0.4210	0.1434		0.0322	0.0003	0.0021	0.0771	0.0053	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.501	0.911	0.921	0.914	0.791	0.087	0.237	0.200	3.41	0.735
Composite NOX:	0.393	0.684	0.791	0.711	1.701	0.326	0.710	6.087	1.52	1.060
-----										

\* #

\* Urban principle arterial-Edgecombe Co

\* File 1, Run 1, Scenario 97.

\* #

\* Urban principle arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 35.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

Calendar Year:	2014
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	No
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

```
* #####
* Urban minor arterial-Edgecombe Co
* File 1, Run 1, Scenario 98.
* #####
* Urban minor arterial mix and speeds
M615 Comment:
    User supplied VMT mix.
M583 Warning:
    The user supplied arterial average speed of 42.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12
```

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 Rocky Mount 8-hour Ozone Maintenance Plan June 19, 2006



Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.3319	0.4383	0.1493		0.0214	0.0003	0.0022	0.0511	0.0055	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.570	1.000	1.025	1.007	0.911	0.101	0.275	0.260	2.85	0.830
Composite NOX:	0.367	0.632	0.737	0.659	1.413	0.171	0.371	3.027	1.07	0.701
-----										

\* #

\* Rural principle arterial-Edgecombe Co

\* File 1, Run 1, Scenario 101.

\* #

\* Rural other principle arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 65.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the freeway roadway type for  
 all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2017  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.2865	0.4185	0.1427		0.0425	0.0003	0.0021	0.1024	0.0050	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.407	0.746	0.784	0.756	0.637	0.064	0.211	0.180	3.35	0.603
Composite NOX:	0.314	0.570	0.684	0.599	1.212	0.180	0.568	4.148	1.52	0.911
-----										

```
* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural minor arterial-Edgecombe Co
* File 1, Run 1, Scenario 102.
* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural minor arterial mix and speeds
```

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 52.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2017  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2960	0.4322	0.1473		0.0343	0.0003	0.0022	0.0826	0.0051	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.427	0.775	0.821	0.787	0.664	0.066	0.216	0.188	2.66	0.635
Composite NOX:	0.304	0.549	0.659	0.577	1.113	0.117	0.370	2.518	1.21	0.677
-----										

```
* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural major collector-Edgecombe Co
* File 1, Run 1, Scenario 103.
* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural major collector mix and speeds
```

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 53.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2017  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)

Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----										
VMT Distribution:	0.3052	0.4459	0.1521		0.0261	0.0003	0.0022	0.0629	0.0053	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.425	0.772	0.818	0.784	0.660	0.065	0.215	0.187	2.66	0.642
Composite NOX:	0.305	0.550	0.661	0.578	1.121	0.120	0.379	2.583	1.24	0.638
-----										

\* #

\* Rural minor collector-Edgecombe Co

\* File 1, Run 1, Scenario 104.

\* #

\* Rural minor collector mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 52.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2017  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----										
VMT Distribution:	0.3048	0.4452	0.1518		0.0266	0.0003	0.0022	0.0638	0.0053	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.427	0.775	0.821	0.787	0.664	0.066	0.216	0.188	2.66	0.644
Composite NOX:	0.304	0.549	0.659	0.577	1.113	0.117	0.370	2.517	1.21	0.634
-----										

\* #

\* Rural local-Edgecombe Co

\* File 1, Run 1, Scenario 105.

\* #

\* Rural local mix and speeds

M615 Comment:  
 User supplied VMT mix.

M583 Warning:  
 The user supplied arterial average speed of 47.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the arterial/collector roadway  
 type for all hours of the day and all vehicle types.

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

M 48 Warning:  
 there are no sales for vehicle class LDDT12

Calendar Year: 2017  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3055	0.4460	0.1521		0.0260	0.0003	0.0022	0.0626	0.0053	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.439	0.789	0.839	0.802	0.684	0.068	0.222	0.199	2.67	0.658
Composite NOX:	0.300	0.541	0.651	0.569	1.075	0.105	0.332	2.263	1.13	0.608
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

\* #  
 \* Urban freeway-Edgecombe Co  
 \* File 1, Run 1, Scenario 106.  
 \* #  
 \* Urban freeway mix and speeds

M615 Comment:  
 User supplied VMT mix.

M581 Warning:  
 The user supplied freeway average speed of 65.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the freeway roadway type for  
 all hours of the day and all vehicle types.

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

M 48 Warning:  
 there are no sales for vehicle class LDDT12

Calendar Year: 2017  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.2984	0.4360	0.1486		0.0321	0.0003	0.0022	0.0772	0.0052	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.407	0.746	0.784	0.756	0.638	0.064	0.211	0.180	3.35	0.615
Composite NOX:	0.314	0.570	0.684	0.599	1.212	0.180	0.568	4.146	1.52	0.812

```
* #####
* Urban principle arterial-Edgecombe Co
* File 1, Run 1, Scenario 107.
* #####
* Urban principle arterial mix and speeds
M615 Comment:
    User supplied VMT mix.
M583 Warning:
    The user supplied arterial average speed of 35.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12
```

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.3076	0.4494	0.1532		0.0240	0.0003	0.0023	0.0579	0.0053	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.476	0.827	0.885	0.842	0.761	0.078	0.252	0.250	2.84	0.702
Composite NOX:	0.294	0.525	0.634	0.552	0.982	0.093	0.294	2.005	1.06	0.569

```
* #####
* Urban minor arterial-Edgecombe Co
* File 1, Run 1, Scenario 108.
* #####
* Urban minor arterial mix and speeds
M615 Comment:
      User supplied VMT mix.
M583 Warning:
      The user supplied arterial average speed of 42.0
      will be used for all hours of the day. 100% of VMT
      has been assigned to the arterial/collector roadway
```

M 48 Warning:

M 48 Warning:

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Composite Emission Factors (g/mi):

Composite VOC:	0.453	0.804	0.857	0.817	0.711	0.071	0.232	0.216	2.71	0.684
Composite NOX:	0.297	0.533	0.642	0.561	1.037	0.098	0.309	2.109	1.09	0.552

\* Urban collector-Edgemoor Co

\* File 1, Run 1, Scenario 109.

\* Urban collector mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 40.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

M 48 Warning:

```
there are no sales for vehicle class LDDT12
```

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

# Mobile Source Inventory Rocky Mount 8-hour Ozone Maintenance Plan

VMT Distribution:	0.3181	0.4646	0.1584	0.0149	0.0003	0.0023	0.0359	0.0055	1.0000
-------------------	--------	--------	--------	--------	--------	--------	--------	--------	--------

Composite Emission Factors (g/mi):

Composite VOC:	0.459	0.810	0.864	0.824	0.723	0.073	0.236	0.224	2.74	0.694
Composite NOX:	0.296	0.530	0.639	0.557	1.020	0.095	0.301	2.051	1.08	0.537

\* #

\* Urban local-Edgecombe Co

\* File 1, Run 1, Scenario 110.

\* #

\* Urban local mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 38.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

```
there are no sales for vehicle class LDDT12
```

Calendar Year: 2017

Month: July

Altitude: Low

Minimum Temperature: 73.0 (F)

Maximum Temperature: 88.0 (F)

Minimum Rel. Hum.: 51.0 (%)

Maximum Rel. Hum.: 97.0 (%)

Barometric Pressure: 30.00 (inches Hg)

Nominal Fuel RVP: 9.0 psi

Weathered RVP: 8.7 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: No

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

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

VMT Distribution:0.3106 0.4539 0.1548 0.0213 0.0003 0.0023 0.0514 0.0054 1.0000

Composite Emission Factors (g/mi):

Composite VOC:	0.465	0.816	0.872	0.830	0.737	0.075	0.242	0.233	2.78	0.693
----------------	-------	-------	-------	-------	-------	-------	-------	-------	------	-------

Composite NOX:	0.295	0.528	0.637	0.556	1.007	0.094	0.298	2.038	1.07	0.563
----------------	-------	-------	-------	-------	-------	-------	-------	-------	------	-------











has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2005  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 92. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4405	0.3492	0.1193		0.0247	0.0009	0.0022	0.0573	0.0059	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	1.265	1.890	1.951	1.905	2.203	0.764	1.040	0.559	3.29	1.559
Composite NOX:	0.792	1.027	1.153	1.059	4.033	1.354	1.285	9.367	1.01	1.491
-----										

\* #  
\* Urban minor arterial-Nash Co-RURAL  
\* File 1, Run 1, Scenario 9.  
\* #  
\* Urban minor arterial mix and speeds  
M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 32.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2005  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 92. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4517	0.3580	0.1224		0.0177	0.0009	0.0022	0.0410	0.0061	1.0000
-----										

Composite Emission Factors (g/mi):

Composite VOC:	1.223	1.839	1.898	1.854	2.072	0.730	0.998	0.514	3.19	1.523
Composite NOX:	0.773	1.012	1.137	1.044	4.133	1.339	1.271	9.263	1.03	1.314

\* #####  
 \* Urban collector-Nash Co-RURAL  
 \* File 1, Run 1, Scenario 10.  
 \* #####  
 \* Urban collector mix and speeds

M615 Comment:  
     User supplied VMT mix.  
 M583 Warning:  
     The user supplied arterial average speed of 31.0  
     will be used for all hours of the day. 100% of VMT  
     has been assigned to the arterial/collector roadway  
     type for all hours of the day and all vehicle types.

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

Calendar Year: 2005  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 92. ppm

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

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

VMT Distribution:	0.4556	0.3610	0.1234		0.0153	0.0009	0.0022	0.0355	0.0061	1.0000
-------------------	--------	--------	--------	--	--------	--------	--------	--------	--------	--------

Composite Emission Factors (g/mi):

Composite VOC:	1.237	1.856	1.916	1.871	2.107	0.741	1.011	0.528	3.22	1.543
Composite NOX:	0.779	1.016	1.141	1.048	4.094	1.341	1.274	9.289	1.03	1.265

\* #####  
 \* Urban local-Nash Co-RURAL  
 \* File 1, Run 1, Scenario 11.  
 \* #####  
 \* Urban local mix and speeds

M615 Comment:  
     User supplied VMT mix.  
 M583 Warning:  
     The user supplied arterial average speed of 30.0  
     will be used for all hours of the day. 100% of VMT  
     has been assigned to the arterial/collector roadway  
     type for all hours of the day and all vehicle types.

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

Calendar Year: 2005  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4450	0.3527	0.1205		0.0219	0.0009	0.0022	0.0508	0.0060	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	1.251	1.873	1.935	1.889	2.154	0.752	1.026	0.543	3.26	1.548
Composite NOX:	0.784	1.020	1.145	1.052	4.060	1.344	1.276	9.296	1.02	1.418

\* #

\* Rural interstate-Nash Co-RURAL

\* File 1, Run 1, Scenario 12.

\* #

\* Rural interstate mix and speeds

M615 Comment:

User supplied VMT mix.

M 96 Warning:

66.0 speed reduced to 65 mph maximum

M581 Warning:

The user supplied freeway average speed of 65.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2949	0.2841	0.0970		0.0942	0.0003	0.0015	0.2237	0.0043	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.774	1.226	1.233	1.228	1.253	0.316	0.483	0.287	3.54	0.895
Composite NOX:	0.583	0.867	1.017	0.905	3.829	1.434	1.620	14.165	1.52	4.056

\* #

\* Rural principle arterial-Nash Co-RURAL

\* File 1, Run 1, Scenario 13.

\* #

\* Rural other principle arterial mix and speeds

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 47.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

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

VMT Distribution:0.3699 0.3562 0.1214 0.0429 0.0004 0.0019 0.1020 0.0053 1.0000

Composite Emission Factors (g/mi):

Composite VOC:	0.840	1.315	1.330	1.318	1.358	0.332	0.509	0.319	2.85	1.047
Composite NOX:	0.551	0.814	0.962	0.852	3.397	0.840	0.947	8.635	1.13	1.645

\* #

\* Rural minor arterial-Nash Co-RURAL

\* File 1, Run 1, Scenario 14.

\* #

\* Rural minor arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 44.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Composite Emission Factors (g/mi):										
Composite VOC:	0.855	1.332	1.348	1.336	1.393	0.339	0.521	0.333	2.87	1.078
Composite NOX:	0.546	0.806	0.954	0.843	3.323	0.799	0.900	7.336	1.10	1.352

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Composite Emission Factors (g/mi):										
Composite VOC:	0.860	1.338	1.354	1.342	1.409	0.342	0.525	0.339	2.88	1.098
Composite NOX:	0.545	0.803	0.951	0.841	3.302	0.790	0.890	7.256	1.09	1.193

Calendar Year: 2008  
Month: July

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

Composite Emission Factors (g/mi):										
Composite VOC:	0.865	1.343	1.360	1.348	1.421	0.345	0.530	0.345	2.89	1.103
Composite NOX:	0.543	0.800	0.948	0.838	3.277	0.781	0.880	7.173	1.09	1.191

```
M615 Comment:
        User supplied VMT mix.
M583 Warning:
        The user supplied arterial average speed of 42.0
        will be used for all hours of the day. 100% of VMT
        has been assigned to the arterial/collector roadway
        type for all hours of the day and all vehicle types.
M 48 Warning:
        there are no sales for vehicle class HDGV8b
```

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

Composite Emission Factors (g/mi):										
Composite VOC:	0.865	1.343	1.360	1.348	1.423	0.345	0.530	0.345	2.89	1.104
Composite NOX:	0.543	0.800	0.948	0.838	3.279	0.781	0.880	7.171	1.09	1.184

# Mobile Source Inventory Rocky Mount 8-hour Ozone Maintenance Plan



Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3973	0.3824	0.1304		0.0242	0.0004	0.0020	0.0576	0.0057	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.964	1.457	1.482	1.464	1.729	0.409	0.632	0.469	3.20	1.222
Composite NOX:	0.558	0.804	0.955	0.843	2.964	0.755	0.850	6.926	1.01	1.132

```
* Urban minor arterial-Nash Co-RURAL  
* File 1, Run 1, Scenario 20.  
* #####  
* Urban minor arterial mix and speeds  
M615 Comment:
```

```

User supplied VMT mix.
M583 Warning:
    The user supplied arterial average speed of 32.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b

```

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4072	0.3921	0.1336		0.0174	0.0004	0.0021	0.0413	0.0059	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.934	1.421	1.443	1.427	1.632	0.389	0.601	0.431	3.10	1.196
Composite NOX:	0.545	0.793	0.942	0.831	3.038	0.747	0.841	6.848	1.03	1.003

```
* Urban collector-Nash Co-RURAL
* File 1, Run 1, Scenario 21.
* #####
* Urban collector mix and speeds
M615 Comment:
```

```

User supplied VMT mix.
M583 Warning:
    The user supplied arterial average speed of 31.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b

```

Calendar Year: 2008  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4107	0.3953	0.1348		0.0150	0.0004	0.0021	0.0358	0.0059	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.943	1.433	1.456	1.439	1.659	0.395	0.611	0.443	3.13	1.211
Composite NOX:	0.549	0.796	0.945	0.834	3.010	0.748	0.843	6.862	1.03	0.966
-----										

\* #

\* Urban local-Nash Co-RURAL

\* File 1, Run 1, Scenario 22.

\* #

\* Urban local mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 30.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the arterial/collector roadway  
 type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2008  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4013	0.3862	0.1318		0.0215	0.0004	0.0020	0.0510	0.0058	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.954	1.445	1.469	1.451	1.692	0.402	0.622	0.456	3.17	1.214
Composite NOX:	0.553	0.799	0.949	0.837	2.984	0.750	0.844	6.874	1.02	1.078
-----										

```
* #####
* Rural interstate-Nash Co-RURAL
* File 1, Run 1, Scenario 23.
* #####
```

M615 Comment:

User supplied VMT mix.

M 96 Warning:

66.0 speed reduced to 65 mph maximum

M581 Warning:

The user supplied freeway average speed of 65.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

Calendar Year:	2011
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2660	0.3060	0.1044		0.0941	0.0002	0.0015	0.2237	0.0041	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.578	1.026	1.036	1.028	0.999	0.144	0.304	0.240	3.46	0.738
Composite NOX:	0.418	0.677	0.818	0.713	2.766	0.620	1.034	9.619	1.52	2.824

```
* #####
* Rural principle arterial-Nash Co-RURAL
* File 1, Run 1, Scenario 24.
* #####
```

M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 47.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

```

Calendar Year: 2011
Month: July
Altitude: Low
Minimum Temperature: 73.0 (F)
Maximum Temperature: 88.0 (F)
Minimum Rel. Hum.: 51.0 (%)
Maximum Rel. Hum.: 97.0 (%)
Barometric Pressure: 30.00 (inches Hg)
Nominal Fuel RVP: 9.0 psi

```

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MT Distribution:	0.3332	0.3837	0.1308		0.0429	0.0003	0.0019	0.1020	0.0052	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.622	1.088	1.110	1.093	1.075	0.152	0.322	0.267	2.79	0.858
Composite NOX:	0.395	0.636	0.774	0.671	2.455	0.362	0.602	5.786	1.13	1.179

```
* #####
* Rural minor arterial-Nash Co-RURAL
* File 1, Run 1, Scenario 25.
* #####
* Rural minor arterial mix and speeds
M615 Comment:
```

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 44.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

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

Calendar Year:	2011
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MT Distribution:	0.3441	0.3962	0.1351		0.0346	0.0003	0.0020	0.0824	0.0053	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.632	1.100	1.124	1.106	1.098	0.156	0.330	0.279	2.81	0.882
Composite NOX:	0.391	0.629	0.767	0.664	2.401	0.344	0.572	5.036	1.10	0.992

```
* #####
* Rural major collector-Nash Co-RURAL
* File 1, Run 1, Scenario 26.
* #####
* Rural major collector mix and speeds
M615 Comment:
```

```

M583 Warning:
    User supplied VMT mix.
    The user supplied arterial average speed of 43.0

```

will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2011  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3551	0.4086	0.1394		0.0264	0.0003	0.0020	0.0627	0.0055	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.636	1.104	1.129	1.110	1.107	0.157	0.333	0.284	2.82	0.898
Composite NOX:	0.390	0.627	0.765	0.662	2.386	0.340	0.566	4.981	1.09	0.884
-----										

\* #

\* Rural minor collector-Nash Co-RURAL

\* File 1, Run 1, Scenario 27.

\* #

\* Rural minor collector mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 42.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2011  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3546	0.4081	0.1392		0.0267	0.0003	0.0020	0.0636	0.0055	1.0000

Composite VOC:	0.640	1.108	1.133	1.115	1.116	0.159	0.337	0.289	2.83	0.901
Composite NOX:	0.389	0.625	0.763	0.660	2.368	0.336	0.559	4.921	1.09	0.882

```

User supplied VMT mix.
M583 Warning:
    The user supplied arterial average speed of 42.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b

```

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

Composite VOC:	0.640	1.108	1.133	1.115	1.116	0.159	0.337	0.289	2.83	0.902
Composite NOX:	0.389	0.625	0.763	0.660	2.369	0.336	0.559	4.923	1.09	0.877

```

User supplied VMT mix.
M581 Warning:
    The user supplied freeway average speed of 56.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the freeway roadway type for
    all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b

```

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3470	0.3997	0.1363		0.0323	0.0003	0.0020	0.0770	0.0054	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.596	1.052	1.068	1.056	1.023	0.145	0.306	0.244	2.85	0.841
Composite NOX:	0.406	0.656	0.795	0.692	2.611	0.449	0.748	7.081	1.31	1.150

\* ##

\* File 1, Run 1, Scenario 30.

\* #

\* Urban principle arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 29.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

Calendar Year:	2011
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MTM Distribution:	0.3578	0.4119	0.1405		0.0242	0.0003	0.0020	0.0578	0.0055	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.710	1.193	1.230	1.202	1.296	0.191	0.408	0.392	3.12	0.990
Composite NOX:	0.399	0.628	0.768	0.663	2.140	0.325	0.540	4.754	1.01	0.842

\* #

\* File 1, Run 1, Scenario 31.

\* #

\* Urban minor arterial mix and speeds

M615 Comment:



Composite Emission Factors (g/mi):										
Composite VOC:	0.695	1.174	1.209	1.183	1.256	0.184	0.394	0.371	3.06	0.983
Composite NOX:	0.392	0.621	0.760	0.656	2.174	0.322	0.535	4.712	1.03	0.728

```
* #####
* Urban local-Nash Co-RURAL
* File 1, Run 1, Scenario 33.
* #####
* Urban local mix and speeds
M615 Comment:
        User supplied VMT mix.
M583 Warning:
        The user supplied arterial average speed of 30.0
        will be used for all hours of the day. 100% of VMT
        has been assigned to the arterial/collector roadway
        type for all hours of the day and all vehicle types.
M 48 Warning:
        there are no sales for vehicle class HDGV8b
```

Calendar Year:	2011
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Composite Emission Factors (g/mi):										
Composite VOC:	0.703	1.184	1.220	1.193	1.276	0.188	0.401	0.381	3.09	0.985
Composite NOX:	0.395	0.623	0.763	0.659	2.156	0.323	0.536	4.720	1.02	0.805

```
* #####
* Rural interstate-Nash Co-RURAL
* File 1, Run 1, Scenario 34.
* #####
* Rural interstate mix and speeds
* M615 Comment:
    User supplied VMT mix.
M581 Warning:
    The user supplied freeway average speed of 65.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the freeway roadway type for
    all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12
```

Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VT Distribution:	0.2441	0.3224	0.1099		0.0937	0.0002	0.0016	0.2241	0.0040	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.421	0.792	0.811	0.797	0.791	0.087	0.237	0.200	3.41	0.580
Composite NOX:	0.292	0.527	0.647	0.558	1.701	0.326	0.710	6.087	1.52	1.843
-----										

\* #

\* Rural principle arterial-Nash Co-RURAL

\* File 1, Run 1, Scenario 35.

\* #

\* Rural other principle arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 47.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the freeway roadway type for  
 all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2014  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VT Distribution:	0.3058	0.4041	0.1377		0.0427	0.0003	0.0020	0.1023	0.0051	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.447	0.829	0.858	0.836	0.849	0.092	0.251	0.222	2.74	0.663
Composite NOX:	0.275	0.495	0.612	0.525	1.509	0.190	0.414	3.689	1.13	0.817
-----										

```
* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural minor arterial-Nash Co-RURAL
* File 1, Run 1, Scenario 36.
* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural minor arterial mix and speeds
```

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 44.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2014  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3161	0.4173	0.1422		0.0344	0.0003	0.0021	0.0824	0.0052	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.455	0.837	0.868	0.845	0.866	0.095	0.257	0.232	2.76	0.680
Composite NOX:	0.273	0.490	0.607	0.520	1.476	0.181	0.393	3.206	1.10	0.699
-----										

```
* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural major collector-Nash Co-RURAL
* File 1, Run 1, Scenario 37.
* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural major collector mix and speeds
```

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 43.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2014  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)

Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----										
VMT Distribution:	0.3258	0.4305	0.1468		0.0263	0.0003	0.0021	0.0628	0.0054	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.457	0.839	0.871	0.847	0.873	0.096	0.260	0.236	2.77	0.691
Composite NOX:	0.272	0.489	0.605	0.518	1.467	0.179	0.389	3.170	1.09	0.632
-----										

\* #

\* Rural minor collector-Nash Co-RURAL

\* File 1, Run 1, Scenario 38.

\* #

\* Rural minor collector mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 42.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2014  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----										
VMT Distribution:	0.3256	0.4298	0.1465		0.0266	0.0003	0.0021	0.0637	0.0054	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.460	0.842	0.874	0.850	0.880	0.097	0.262	0.241	2.78	0.694
Composite NOX:	0.271	0.487	0.603	0.516	1.456	0.177	0.385	3.132	1.09	0.631
-----										

\* #

\* Rural local-Nash Co-RURAL

\* File 1, Run 1, Scenario 39.

\* #

\* Rural local mix and speeds

User supplied VMT mix.

The user supplied arterial average speed of 42.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
there are no sales for vehicle class HDGV8b
```

```
there are no sales for vehicle class LDDT12
```

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

```
* #####
* Urban freeway-Nash Co-RURAL
* File 1, Run 1, Scenario 40.
* #####
* Urban freeway mix and speeds
```

User supplied VMT mix.

The user supplied freeway average speed of 56.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

```
there are no sales for vehicle class HDGV8b
```

```
there are no sales for vehicle class LDDT12
```

Exhaust I/M Program: Yes

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

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.3186	0.4210	0.1434		0.0322	0.0003	0.0021	0.0771	0.0053	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.431	0.807	0.831	0.813	0.809	0.088	0.239	0.204	2.81	0.653
Composite NOX:	0.284	0.511	0.629	0.541	1.605	0.236	0.514	4.499	1.31	0.802

\* #  
 \* Urban principle arterial-Nash Co-RURAL  
 \* File 1, Run 1, Scenario 41.  
 \* #  
 \* Urban principle arterial mix and speeds  
 M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 29.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the arterial/collector roadway  
 type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2014  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.3284	0.4339	0.1479		0.0242	0.0003	0.0022	0.0577	0.0054	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.509	0.897	0.941	0.908	1.018	0.117	0.316	0.327	3.08	0.757
Composite NOX:	0.279	0.489	0.607	0.519	1.316	0.171	0.372	3.025	1.01	0.606

\* #  
 \* Urban minor arterial-Nash Co-RURAL  
 \* File 1, Run 1, Scenario 42.  
 \* #  
 \* Urban minor arterial mix and speeds  
 M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 32.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the arterial/collector roadway

```
there are no sales for vehicle class LDDT12
```

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

```
there are no sales for vehicle class LDDT12
```

```

-----
VMT Distribution:0.3396  0.4486  0.1529          0.0150  0.0003  0.0022  0.0358  0.0056  1.0000
-----

```

```

Composite Emission Factors (g/mi):
Composite VOC:    0.499  0.885  0.926  0.895  0.989  0.113  0.305  0.309  3.02  0.751
Composite NOX:    0.274  0.484  0.601  0.514  1.337  0.169  0.368  2.996  1.03  0.536
-----

```

```

* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban local-Nash Co-RURAL
* File 1, Run 1, Scenario 44.
* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban local mix and speeds
M615 Comment:

```

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 30.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

```

Calendar Year: 2014
Month: July
Altitude: Low
Minimum Temperature: 73.0 (F)
Maximum Temperature: 88.0 (F)
Minimum Rel. Hum.: 51.0 (%)
Maximum Rel. Hum.: 97.0 (%)
Barometric Pressure: 30.00 (inches Hg)
Nominal Fuel RVP: 9.0 psi
Weathered RVP: 8.7 psi
Fuel Sulfur Content: 30. ppm

```

```

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

```

```

Vehicle Type:    LDGV  LDGT12 LDGT34  LDGT  HDGV  LDDV  LDDT  HDDV  MC  All Veh
GVWR:           <6000 >6000  (All)
-----
VMT Distribution:0.3319  0.4383  0.1493          0.0214  0.0003  0.0022  0.0511  0.0055  1.0000
-----

```

```

Composite Emission Factors (g/mi):
Composite VOC:    0.504  0.891  0.933  0.902  1.002  0.115  0.310  0.318  3.05  0.752
Composite NOX:    0.276  0.486  0.603  0.516  1.325  0.170  0.369  3.006  1.02  0.583
-----

```

```

* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural interstate-Nash Co-RURAL
* File 1, Run 1, Scenario 45.
* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural interstate mix and speeds
M615 Comment:

```

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 65.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the freeway roadway type for  
all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2017  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm  
  
 Exhaust I/M Program: Yes  
 Evap I/M Program: Yes  
 ATP Program: Yes  
 Reformulated Gas: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2287	0.3339	0.1138		0.0933	0.0002	0.0017	0.2244	0.0040	1.0000

-----

Composite Emission Factors (g/mi):

Composite VOC:	0.324	0.615	0.664	0.628	0.638	0.064	0.211	0.180	3.35	0.468
Composite NOX:	0.208	0.400	0.527	0.432	1.211	0.180	0.568	4.145	1.52	1.291

-----

\* #  
 \* Rural principle arterial-Nash Co-RURAL  
 \* File 1, Run 1, Scenario 46.  
 \* #  
 \* Rural other principle arterial mix and speeds

M615 Comment:  
     User supplied VMT mix.  
 M581 Warning:  
     The user supplied freeway average speed of 47.0  
     will be used for all hours of the day. 100% of VMT  
     has been assigned to the freeway roadway type for  
     all hours of the day and all vehicle types.

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

M 48 Warning:  
     there are no sales for vehicle class LDDT12

Calendar Year: 2017  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm  
  
 Exhaust I/M Program: Yes  
 Evap I/M Program: Yes  
 ATP Program: Yes  
 Reformulated Gas: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2865	0.4185	0.1427		0.0425	0.0003	0.0021	0.1024	0.0050	1.0000

-----

Composite Emission Factors (g/mi):

Composite VOC:	0.343	0.640	0.700	0.655	0.684	0.068	0.222	0.199	2.67	0.529
Composite NOX:	0.196	0.375	0.498	0.406	1.075	0.105	0.332	2.562	1.13	0.599



Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VT Distribution:	0.3052	0.4459	0.1521		0.0261	0.0003	0.0022	0.0629	0.0053	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.351	0.647	0.710	0.663	0.705	0.070	0.230	0.212	2.70	0.550
Composite NOX:	0.194	0.370	0.492	0.401	1.045	0.099	0.312	2.134	1.09	0.467

\* #  
 \* Rural minor collector-Nash Co-RURAL  
 \* File 1, Run 1, Scenario 49.  
 \* #  
 \* Rural minor collector mix and speeds  
 M615 Comment:

User supplied VMT mix.

M583 Warning:  
 The user supplied arterial average speed of 42.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the arterial/collector roadway  
 type for all hours of the day and all vehicle types.

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

M 48 Warning:  
 there are no sales for vehicle class LDDT12

Calendar Year: 2017  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VT Distribution:	0.3048	0.4452	0.1518		0.0266	0.0003	0.0022	0.0638	0.0053	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.353	0.649	0.712	0.665	0.711	0.071	0.232	0.216	2.71	0.552
Composite NOX:	0.193	0.369	0.490	0.400	1.037	0.098	0.309	2.107	1.09	0.466

\* #  
 \* Rural local-Nash Co-RURAL  
 \* File 1, Run 1, Scenario 50.  
 \* #

M615 Comment:

M583 Warning:

M 48 Warning:

M 48 Warning:

Calendar Year: 2017

Month: July

Altitude: Low

Minimum Temperature: 73.0 (F)

Maximum Temperature: 88.0 (F)

Minimum Rel. Hum.: 51.0 (%)

Maximum Rel. Hum.: 97.0 (%)

Barometric Pressure: 30.00 (inches Hg)

Nominal Fuel RVP: 9.0 psi

Weathered RVP: 8.7 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

VMT Distribution:0.3055 0.4460 0.1521 0.0260 0.0003 0.0022 0.0626 0.0053 1.0000

Composite Emission Factors (g/mi):

Composite VOC:	0.353	0.649	0.712	0.665	0.710	0.071	0.232	0.216	2.71	0.553
----------------	-------	-------	-------	-------	-------	-------	-------	-------	------	-------

Composite NOX:	0.193	0.369	0.490	0.400	1.037	0.098	0.309	2.106	1.09	0.463
----------------	-------	-------	-------	-------	-------	-------	-------	-------	------	-------

\* #

\* Urban freeway-Nash Co-RURAL

\* File 1, Run 1, Scenario 51.

\* #

\* Urban freeway mix and speeds

M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 56.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

```
there are no sales for vehicle class LDDT12
```

Calendar Year: 2017

Month: July

Altitude: Low

Minimum Temperature: 73.0 (F)

Maximum Temperature: 88.0 (F)

Minimum Rel. Hum.: 51.0 (%)

Maximum Rel. Hum.: 97.0 (%)

Barometric Pressure: 30.00 (inches Hg)

Nominal Fuel RVP: 9.0 psi

Weathered RVP: 8.7 psi

Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----										
VMT Distribution:	0.2984	0.4360	0.1486		0.0321	0.0003	0.0022	0.0772	0.0052	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.331	0.625	0.679	0.638	0.652	0.065	0.212	0.183	2.74	0.522
Composite NOX:	0.202	0.387	0.512	0.419	1.143	0.131	0.412	3.097	1.31	0.589
-----										

\* #  
\* Urban principle arterial-Nash Co-RURAL  
\* File 1, Run 1, Scenario 52.  
\* #  
\* Urban principle arterial mix and speeds

M615 Comment:  
User supplied VMT mix.  
M583 Warning:  
The user supplied arterial average speed of 29.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.  
M 48 Warning:  
there are no sales for vehicle class HDGV8b  
M 48 Warning:  
there are no sales for vehicle class LDDT12

Calendar Year: 2017  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----										
VMT Distribution:	0.3076	0.4494	0.1532		0.0240	0.0003	0.0023	0.0579	0.0053	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.395	0.690	0.766	0.709	0.825	0.086	0.277	0.293	3.01	0.602
Composite NOX:	0.199	0.370	0.494	0.401	0.937	0.095	0.299	2.037	1.01	0.450
-----										

\* #  
\* Urban minor arterial-Nash Co-RURAL  
\* File 1, Run 1, Scenario 53.  
\* #  
\* Urban minor arterial mix and speeds

M615 Comment:  
User supplied VMT mix.  
M583 Warning:  
The user supplied arterial average speed of 32.0  
will be used for all hours of the day. 100% of VMT

```
M 48 Warning:
      there are no sales for vehicle class HDGV8b
M 48 Warning:
      there are no sales for vehicle class LDDT12
```

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3153	0.4607	0.1571		0.0173	0.0003	0.0023	0.0415	0.0055	1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	0.382	0.676	0.748	0.694	0.791	0.082	0.263	0.269	2.92	0.591
Composite NOX:	0.194	0.365	0.487	0.396	0.961	0.093	0.295	2.017	1.03	0.413

[illegible]

```
M615 Comment:      User supplied VMT mix.
M583 Warning:      The user supplied arterial average speed of 31.0
                    will be used for all hours of the day.  100% of VMT
                    has been assigned to the arterial/collector roadway
                    type for all hours of the day and all vehicle types.
```

```
M 48 Warning:
      there are no sales for vehicle class HDGV8b
M 48 Warning:
      there are no sales for vehicle class LDDT12
```

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
---------------	------	--------	--------	------	------	------	------	------	----	---------

Composite Emission Factors (g/mi):										
Composite VOC:	0.386	0.681	0.754	0.699	0.801	0.083	0.268	0.277	2.95	0.597
Composite NOX:	0.196	0.366	0.488	0.397	0.953	0.094	0.296	2.016	1.03	0.403

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Composite Emission Factors (g/mi):										
Composite VOC:	0.390	0.685	0.760	0.704	0.812	0.085	0.272	0.285	2.98	0.599
Composite NOX:	0.197	0.368	0.490	0.399	0.944	0.094	0.296	2.024	1.02	0.434

Calendar Year: 2005

Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 92. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VT Distribution:	0.4103	0.3253	0.1111		0.0437	0.0008	0.0020	0.1013	0.0055	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	1.114	1.709	1.765	1.723	1.734	0.638	0.881	0.390	2.94	1.343
Composite NOX:	0.777	1.032	1.155	1.063	4.552	1.446	1.372	11.545	1.10	2.161
-----										

\* #

\* Rural minor arterial-Edgecombe Co-RURAL

\* File 1, Run 1, Scenario 57.

\* #

\* Rural minor arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 44.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2005  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 92. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VT Distribution:	0.4240	0.3359	0.1147		0.0352	0.0008	0.0021	0.0816	0.0057	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	1.120	1.716	1.772	1.731	1.750	0.643	0.888	0.397	2.95	1.368
Composite NOX:	0.775	1.028	1.151	1.060	4.522	1.431	1.358	9.903	1.10	1.784
-----										

\* #

```
* Rural major collector-Edgecombe Co-RURAL
* File 1, Run 1, Scenario 58.
* #####
```

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 43.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

Calendar Year:	2005
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	92. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.4371	0.3464	0.1183		0.0269	0.0009	0.0021	0.0623	0.0059	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	1.126	1.724	1.780	1.738	1.770	0.648	0.894	0.404	2.96	1.393
Composite NOX:	0.773	1.025	1.148	1.056	4.492	1.416	1.344	9.798	1.09	1.571

[illegible]

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 42.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

Calendar Year:	2005
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	92. ppm

Exhaust I/M Program: Yes

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.4366	0.3459	0.1181		0.0272	0.0009	0.0021	0.0632	0.0059	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	1.133	1.732	1.788	1.746	1.788	0.653	0.901	0.411	2.98	1.400
Composite NOX:	0.770	1.022	1.145	1.053	4.459	1.400	1.329	9.685	1.09	1.569
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

\* #  
\* Rural local-Edgecombe Co-RURAL  
\* File 1, Run 1, Scenario 60.  
\* #  
\* Rural local mix and speeds  
M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 42.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2005  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 92. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.4374	0.3466	0.1183		0.0267	0.0009	0.0021	0.0620	0.0059	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	1.133	1.732	1.788	1.746	1.789	0.653	0.901	0.411	2.98	1.401
Composite NOX:	0.770	1.022	1.145	1.053	4.459	1.400	1.329	9.687	1.09	1.556
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

\* #  
\* Urban freeway-Edgecombe Co-RURAL  
\* File 1, Run 1, Scenario 61.  
\* #  
\* Urban freeway mix and speeds  
M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 56.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the freeway roadway type for  
all hours of the day and all vehicle types.

M 48 Warning:

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4274	0.3388	0.1158		0.0329	0.0008	0.0021	0.0764	0.0058	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	1.051	1.622	1.676	1.636	1.601	0.606	0.841	0.348	3.00	1.292
Composite NOX:	0.804	1.072	1.195	1.104	4.916	1.861	1.762	14.377	1.31	2.118

```
* #####
* Urban principle arterial-Edgecombe Co-RURAL
* File 1, Run 1, Scenario 62.
* #####
* Urban principle arterial mix and speeds
M615 Comment:
```

User supplied VMT mix.

M583 Warning:  
The user supplied arterial average speed of 29.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

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

Calendar Year:	2005
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	92. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4405	0.3492	0.1193		0.0247	0.0009	0.0022	0.0573	0.0059	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	1.265	1.890	1.951	1.905	2.203	0.764	1.040	0.559	3.29	1.559
Composite NOX:	0.792	1.027	1.153	1.059	4.033	1.354	1.285	9.367	1.01	1.491



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

Composite Emission Factors (g/mi):										
Composite VOC:	1.237	1.856	1.916	1.871	2.107	0.741	1.011	0.528	3.22	1.543
Composite NOX:	0.779	1.016	1.141	1.048	4.094	1.341	1.274	9.289	1.03	1.265

Calendar Year:	2005
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	92. ppm

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

Composite Emission Factors (g/mi):										
Composite VOC:	1.251	1.873	1.935	1.889	2.154	0.752	1.026	0.543	3.26	1.548
Composite NOX:	0.784	1.020	1.145	1.052	4.060	1.344	1.276	9.296	1.02	1.418

Mobile Source Inventory  
Rocky Mount 8-hour Ozone Maintenance Plan



\* Rural major collector-Edgemoor Co-BURAI

\* File 1 Run 1 Scenario 68

[illegible]

\* Rural major collector mix and speeds

M615 Comment:

ME02 Warning:

M 48 Warning:

\* Rural minor collector-Edgecombe Co-RURAL.

\* File 1 Run 1 Scenario 69

[illegible]

\* Rural minor collector mix and speeds

M615 Comment:

M583 Warning:

M 49 Warning:

Maximum Rel. Hum.: 97.0 (%)

Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----										
VTM Distribution:	0.3936	0.3788	0.1292		0.0268	0.0004	0.0020	0.0635	0.0057	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.865	1.343	1.360	1.348	1.421	0.345	0.530	0.345	2.89	1.103
Composite NOX:	0.543	0.800	0.948	0.838	3.277	0.781	0.880	7.173	1.09	1.191
-----										

\* #

\* Rural local-Edgecombe Co-RURAL

\* File 1, Run 1, Scenario 70.

\* #

\* Rural local mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 42.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2008  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----										
VTM Distribution:	0.3939	0.3796	0.1295		0.0263	0.0004	0.0020	0.0626	0.0057	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.865	1.343	1.360	1.348	1.423	0.345	0.530	0.345	2.89	1.104
Composite NOX:	0.543	0.800	0.948	0.838	3.279	0.781	0.880	7.171	1.09	1.184
-----										

\* #

\* Urban freeway-Edgecombe Co-RURAL

\* File 1, Run 1, Scenario 71.

\* #

\* Urban freeway mix and speeds

M615 Comment:

User supplied VMT mix.

M581 Warning:  
 The user supplied freeway average speed of 55.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the freeway roadway type for  
 all hours of the day and all vehicle types.

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

Calendar Year: 2008  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm  
  
 Exhaust I/M Program: Yes  
 Evap I/M Program: Yes  
 ATP Program: Yes  
 Reformulated Gas: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.3855	0.3710	0.1264		0.0324	0.0004	0.0019	0.0767	0.0056	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.805	1.269	1.281	1.272	1.285	0.319	0.488	0.294	2.84	1.024
Composite NOX:	0.565	0.837	0.986	0.875	3.588	1.004	1.132	10.153	1.28	1.558
-----										

\* #  
 \* Urban principle arterial-Edgecombe Co-RURAL  
 \* File 1, Run 1, Scenario 72.  
 \* #  
 \* Urban principle arterial mix and speeds  
 M615 Comment:

User supplied VMT mix.

M583 Warning:  
 The user supplied arterial average speed of 29.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the arterial/collector roadway  
 type for all hours of the day and all vehicle types.

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

Calendar Year: 2008  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm  
  
 Exhaust I/M Program: Yes  
 Evap I/M Program: Yes  
 ATP Program: Yes  
 Reformulated Gas: No

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



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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4107	0.3953	0.1348		0.0150	0.0004	0.0021	0.0358	0.0059	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.943	1.433	1.456	1.439	1.659	0.395	0.611	0.443	3.13	1.211
Composite NOX:	0.549	0.796	0.945	0.834	3.010	0.748	0.843	6.862	1.03	0.966

\* ##

\* File 1, Run 1, Scenario 75.

\* #

\* Urban local mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 30.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MTM Distribution:	0.4013	0.3862	0.1318		0.0215	0.0004	0.0020	0.0510	0.0058	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.954	1.445	1.469	1.451	1.692	0.402	0.622	0.456	3.17	1.214
Composite NOX:	0.553	0.799	0.949	0.837	2.984	0.750	0.844	6.874	1.02	1.078

\* #

\* Rural principle arterial-Edgecombe Co-RURAL

\* File 1, Run 1, Scenario 76.

\* #

\* Rural other principle arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 45.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the freeway roadway type for  
all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2011  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3332	0.3837	0.1308		0.0429	0.0003	0.0019	0.1020	0.0052	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.629	1.097	1.120	1.103	1.091	0.154	0.327	0.274	2.80	0.867
Composite NOX:	0.392	0.631	0.769	0.666	2.418	0.348	0.578	5.573	1.10	1.153
-----										

\* #  
\* Rural minor arterial-Edgecombe Co-RURAL  
\* File 1, Run 1, Scenario 77.  
\* #  
\* Rural minor arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 44.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2011  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
---------------	------	--------	--------	------	------	------	------	------	----	---------

Composite Emission Factors (g/mi):										
Composite VOC:	0.632	1.100	1.124	1.106	1.098	0.156	0.330	0.279	2.81	0.882
Composite NOX:	0.391	0.629	0.767	0.664	2.401	0.344	0.572	5.036	1.10	0.992

```
* #####
* Rural major collector-Edgecombe Co-RURAL
* File 1, Run 1, Scenario 78.
* #####
* Rural major collector mix and speeds
M615 Comment:
    User supplied VMT mix.
M583 Warning:
    The user supplied arterial average speed of 43.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b
```

Calendar Year:	2011
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Composite Emission Factors (g/mi):										
Composite VOC:	0.636	1.104	1.129	1.110	1.107	0.157	0.333	0.284	2.82	0.898
Composite NOX:	0.390	0.627	0.765	0.662	2.386	0.340	0.566	4.981	1.09	0.884

```

* #####
* Rural minor collector-Edgecombe Co-RURAL
* File 1, Run 1, Scenario 79.
* #####
* Rural minor collector mix and speeds
M615 Comment:
        User supplied VMT mix.
M583 Warning:
        The user supplied arterial average speed of 42.0
        will be used for all hours of the day. 100% of VMT
        has been assigned to the arterial/collector roadway
        type for all hours of the day and all vehicle types.
M 48 Warning:
        there are no sales for vehicle class HDGV8b

```

# Mobile Source Inventory Rocky Mount 8-hour Ozone Maintenance Plan

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MTM Distribution:	0.3546	0.4081	0.1392		0.0267	0.0003	0.0020	0.0636	0.0055	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.640	1.108	1.133	1.115	1.116	0.159	0.337	0.289	2.83	0.901
Composite NOX:	0.389	0.625	0.763	0.660	2.368	0.336	0.559	4.921	1.09	0.882

```
* #####
* Rural local-Edgecombe Co-RURAL
* File 1, Run 1, Scenario 80.
* #####
* Rural local mix and speeds
M615 Comment:
        User supplied VMT mix.
M583 Warning:
        The user supplied arterial average speed of 42.0
        will be used for all hours of the day. 100% of VMT
        has been assigned to the arterial/collector roadway
        type for all hours of the day and all vehicle types.
M 48 Warning:
        there are no sales for vehicle class HDGV8b
```

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MTM Distribution:	0.3551	0.4088	0.1395		0.0263	0.0003	0.0020	0.0625	0.0055	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.640	1.108	1.133	1.115	1.116	0.159	0.337	0.289	2.83	0.902
Composite NOX:	0.389	0.625	0.763	0.660	2.369	0.336	0.559	4.923	1.09	0.877

```
* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban freeway-Edgcombe Co-RURAL
* File 1. Run 1. Scenario 81.
```

\* #

\* Urban freeway mix and speeds

M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 55.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the freeway roadway type for  
all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2011  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

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

VMT Distribution:	0.3470	0.3997	0.1363		0.0323	0.0003	0.0020	0.0770	0.0054	1.0000
-------------------	--------	--------	--------	--	--------	--------	--------	--------	--------	--------

-----  
Composite Emission Factors (g/mi):

Composite VOC:	0.598	1.055	1.072	1.059	1.027	0.145	0.307	0.246	2.78	0.843
Composite NOX:	0.405	0.654	0.793	0.689	2.592	0.433	0.721	6.839	1.28	1.128

-----

\* #

\* Urban principle arterial-Edgecombe Co-RURAL

\* File 1, Run 1, Scenario 82.

\* #

\* Urban principle arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 29.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2011  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes

Reformulated Gas: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----										
VTM Distribution:	0.3578	0.4119	0.1405		0.0242	0.0003	0.0020	0.0578	0.0055	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.710	1.193	1.230	1.202	1.296	0.191	0.408	0.392	3.12	0.990
Composite NOX:	0.399	0.628	0.768	0.663	2.140	0.325	0.540	4.754	1.01	0.842
-----										

\* #

\* Urban minor arterial-Edgecombe Co-RURAL

\* File 1, Run 1, Scenario 83.

\* #

\* Urban minor arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 32.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2011  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----										
VTM Distribution:	0.3668	0.4223	0.1441		0.0174	0.0003	0.0021	0.0413	0.0057	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.688	1.165	1.199	1.174	1.241	0.181	0.387	0.361	3.03	0.972
Composite NOX:	0.390	0.619	0.758	0.654	2.195	0.321	0.534	4.705	1.03	0.753
-----										

\* #

\* Urban collector-Edgecombe Co-RURAL

\* File 1, Run 1, Scenario 84.

\* #

\* Urban collector mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 31.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year:	2011
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3702	0.4258	0.1452		0.0150	0.0003	0.0021	0.0357	0.0057	1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	0.695	1.174	1.209	1.183	1.256	0.184	0.394	0.371	3.06	0.983
Composite NOX:	0.392	0.621	0.760	0.656	2.174	0.322	0.535	4.712	1.03	0.728

```
* #####
* Urban local-Edgecombe Co-RURAL
* File 1, Run 1, Scenario 85.
* #####
* Urban local mix and speeds
```

```
M615 Comment:
      User supplied VMT mix.
M583 Warning:
      The user supplied arterial average speed of 30.0
      will be used for all hours of the day. 100% of VMT
      has been assigned to the arterial/collector roadway
      type for all hours of the day and all vehicle types.
```

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

Calendar Year:	2011
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3615	0.4160	0.1419		0.0215	0.0003	0.0021	0.0511	0.0056	1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	0.703	1.184	1.220	1.193	1.276	0.188	0.401	0.381	3.09	0.985
Composite NOX:	0.395	0.623	0.763	0.659	2.156	0.323	0.536	4.720	1.02	0.805

```
there are no sales for vehicle class LDDT12
```

```
there are no sales for vehicle class LDDT12
```

5-323  
June 19, 2006

Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3161	0.4173	0.1422		0.0344	0.0003	0.0021	0.0824	0.0052	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.455	0.837	0.868	0.845	0.866	0.095	0.257	0.232	2.76	0.680
Composite NOX:	0.273	0.490	0.607	0.520	1.476	0.181	0.393	3.206	1.10	0.699
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

\* #

\* Rural major collector-Edgecombe Co-RURAL

\* File 1, Run 1, Scenario 88.

\* #

\* Rural major collector mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 43.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2014  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3258	0.4305	0.1468		0.0263	0.0003	0.0021	0.0628	0.0054	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.457	0.839	0.871	0.847	0.873	0.096	0.260	0.236	2.77	0.691
Composite NOX:	0.272	0.489	0.605	0.518	1.467	0.179	0.389	3.170	1.09	0.632
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

\* #

\* Rural minor collector-Edgecombe Co-RURAL

\* File 1, Run 1, Scenario 89.

\* #

\* Rural minor collector mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 42.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2014  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3256	0.4298	0.1465		0.0266	0.0003	0.0021	0.0637	0.0054	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.460	0.842	0.874	0.850	0.880	0.097	0.262	0.241	2.78	0.694
Composite NOX:	0.271	0.487	0.603	0.516	1.456	0.177	0.385	3.132	1.09	0.631
-----										

\* #  
\* Rural local-Edgecombe Co-RURAL  
\* File 1, Run 1, Scenario 90.  
\* #  
\* Rural local mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 42.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2014  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
Evap I/M Program: Yes

ATP Program: Yes  
Reformulated Gas: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----										
VMT Distribution:	0.3261	0.4306	0.1468		0.0262	0.0003	0.0021	0.0625	0.0054	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.460	0.842	0.874	0.850	0.879	0.097	0.262	0.241	2.78	0.694
Composite NOX:	0.271	0.487	0.603	0.516	1.456	0.177	0.385	3.133	1.09	0.627
-----										

\* #

\* Urban freeway-Edgecombe Co-RURAL

\* File 1, Run 1, Scenario 91.

\* #

\* Urban freeway mix and speeds

M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 55.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the freeway roadway type for  
all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2014  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----										
VMT Distribution:	0.3186	0.4210	0.1434		0.0322	0.0003	0.0021	0.0771	0.0053	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.432	0.809	0.833	0.815	0.812	0.088	0.240	0.205	2.73	0.655
Composite NOX:	0.283	0.509	0.627	0.539	1.594	0.228	0.495	4.348	1.28	0.789
-----										

\* #

\* Urban principle arterial-Edgecombe Co-RURAL

\* File 1, Run 1, Scenario 92.

\* #

\* Urban principle arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 29.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

Calendar Year:	2014
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3284	0.4339	0.1479		0.0242	0.0003	0.0022	0.0577	0.0054	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.509	0.897	0.941	0.908	1.018	0.117	0.316	0.327	3.08	0.757
Composite NOX:	0.279	0.489	0.607	0.519	1.316	0.171	0.372	3.025	1.01	0.606

```
* #####
* Urban minor arterial-Edgecombe Co Co-RURAL
* File 1, Run 1, Scenario 93.
* #####
* Urban minor arterial mix and speeds
M615 Comment:
    User supplied VMT mix.
M583 Warning:
    The user supplied arterial average speed of 32.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12
```

Calendar Year:	2014
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

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



Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VT Distribution:	0.3319	0.4383	0.1493		0.0214	0.0003	0.0022	0.0511	0.0055	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.509	0.897	0.941	0.908	1.017	0.117	0.316	0.327	3.08	0.759
Composite NOX:	0.279	0.489	0.607	0.519	1.316	0.171	0.372	3.028	1.01	0.587
-----										

\* #

\* Rural principle arterial-Edgecombe Co-RURAL

\* File 1, Run 1, Scenario 96.

\* #

\* Rural other principle arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 45.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the freeway roadway type for  
 all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2017  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VT Distribution:	0.2865	0.4185	0.1427		0.0425	0.0003	0.0021	0.1024	0.0050	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.347	0.643	0.705	0.659	0.694	0.069	0.225	0.205	2.68	0.534
Composite NOX:	0.195	0.372	0.494	0.403	1.059	0.101	0.319	2.474	1.10	0.587
-----										

```

* #####
* Rural minor arterial-Edgecombe Co-RURAL
* File 1, Run 1, Scenario 97.
* #####
* Rural minor arterial mix and speeds

```

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 44.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

M 48 Warning:

```
there are no sales for vehicle class LDDT12
```

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2960	0.4322	0.1473		0.0343	0.0003	0.0022	0.0826	0.0051	1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	0.349	0.645	0.707	0.661	0.699	0.070	0.227	0.208	2.69	0.542
Composite NOX:	0.194	0.371	0.493	0.402	1.052	0.100	0.316	2.155	1.10	0.511

```
* * * * *
* Rural major collector-Edgecombe Co-RURAL
* File 1, Run 1, Scenario 98.
* * * * *
* Rural major collector mix and speeds
```

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 43.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

M 48 Warning:

```
there are no sales for vehicle class LDDT12
```

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)

Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----										
VMT Distribution:	0.3052	0.4459	0.1521		0.0261	0.0003	0.0022	0.0629	0.0053	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.351	0.647	0.710	0.663	0.705	0.070	0.230	0.212	2.70	0.550
Composite NOX:	0.194	0.370	0.492	0.401	1.045	0.099	0.312	2.134	1.09	0.467
-----										

\* #

\* Rural minor collector-Edgecombe Co-RURAL

\* File 1, Run 1, Scenario 99.

\* #

\* Rural minor collector mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 42.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2017  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----										
VMT Distribution:	0.3048	0.4452	0.1518		0.0266	0.0003	0.0022	0.0638	0.0053	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.353	0.649	0.712	0.665	0.711	0.071	0.232	0.216	2.71	0.552
Composite NOX:	0.193	0.369	0.490	0.400	1.037	0.098	0.309	2.107	1.09	0.466
-----										

\* #

\* Rural local-Edgecombe Co-RURAL

\* File 1, Run 1, Scenario 100.

\* #

\* Rural local mix and speeds

User supplied VMT mix.

The user supplied arterial average speed of 42.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
there are no sales for vehicle class HDGV8b
```

```
there are no sales for vehicle class LDDT12
```

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

```
* #####
* Urban freeway-Edgecombe Co-RURAL
* File 1, Run 1, Scenario 101.
* #####
* Urban freeway mix and speeds
M615 Comment:
```

User supplied VMT mix.

The user supplied freeway average speed of 55.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

```
there are no sales for vehicle class HDGV8b
```

```
there are no sales for vehicle class LDDT12
```

Exhaust I/M Program: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.2984	0.4360	0.1486		0.0321	0.0003	0.0022	0.0772	0.0052	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.332	0.626	0.681	0.640	0.654	0.065	0.213	0.184	2.66	0.523
Composite NOX:	0.201	0.386	0.510	0.417	1.135	0.126	0.397	2.997	1.28	0.580

```
* #####  
* Urban principle arterial-Edgecombe Co-RURAL  
* File 1, Run 1, Scenario 102.  
* #####  
* Urban principle arterial mix and speeds  
M615 Comment:  
    User supplied VMT mix.  
  
M583 Warning:  
    The user supplied arterial average speed of 29.0  
    will be used for all hours of the day. 100% of VMT  
    has been assigned to the arterial/collector roadway  
    type for all hours of the day and all vehicle types.  
  
M 48 Warning:  
    there are no sales for vehicle class HDGV8b  
  
M 48 Warning:  
    there are no sales for vehicle class LDDT12
```

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3076	0.4494	0.1532		0.0240	0.0003	0.0023	0.0579	0.0053	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.395	0.690	0.766	0.709	0.825	0.086	0.277	0.293	3.01	0.602
Composite NOX:	0.199	0.370	0.494	0.401	0.937	0.095	0.299	2.037	1.01	0.450

```
* #####
* Urban minor arterial-Edgecombe Co-RURAL
* File 1, Run 1, Scenario 103.
* #####
* Urban minor arterial mix and speeds
M615 Comment:
    User supplied VMT mix.
M583 Warning:
    The user supplied arterial average speed of 32.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadways
```

M 48 Warning:

M 48 Warning:

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

\* #

\* Urban collector-Edgcombe Co-RURAL

\* File 1, Run 1, Scenario 104.

\* #

\* Urban collector mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 31.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

M 48 Warning:

```
there are no sales for vehicle class LDDT12
```

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

5-334  
June 19, 2006

```

-----
VMT Distribution:0.3181  0.4646  0.1584          0.0149  0.0003  0.0023  0.0359  0.0055  1.0000
-----

```

```

Composite Emission Factors (g/mi):
Composite VOC:    0.386   0.681   0.754   0.699   0.801   0.083   0.268   0.277   2.95   0.597
Composite NOX:    0.196   0.366   0.488   0.397   0.953   0.094   0.296   2.016   1.03   0.403
-----

```

```

* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban local-Edgecombe Co-RURAL
* File 1, Run 1, Scenario 105.
* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban local mix and speeds
M615 Comment:

```

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 29.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

```

Calendar Year: 2017
Month: July
Altitude: Low
Minimum Temperature: 73.0 (F)
Maximum Temperature: 88.0 (F)
Minimum Rel. Hum.: 51.0 (%)
Maximum Rel. Hum.: 97.0 (%)
Barometric Pressure: 30.00 (inches Hg)
Nominal Fuel RVP: 9.0 psi
Weathered RVP: 8.7 psi
Fuel Sulfur Content: 30. ppm

```

```

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

```

```

Vehicle Type:    LDGV   LDGT12  LDGT34  LDGT   HDGV   LDDV   LDDT   HDDV   MC   All Veh
GVWR:           <6000  >6000  (All)
-----
VMT Distribution:0.3106  0.4539  0.1548          0.0213  0.0003  0.0023  0.0514  0.0054  1.0000
-----

```

```

Composite Emission Factors (g/mi):
Composite VOC:    0.395   0.690   0.766   0.709   0.825   0.086   0.277   0.293   3.01   0.604
Composite NOX:    0.199   0.370   0.494   0.402   0.938   0.095   0.299   2.039   1.01   0.437
-----

```

```

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: RMRURN.IN (file 1, run 1).
*****

```

```

* Reading Registration Distributions from the following external
* data file: NCAGE04.PRN

```

```

M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998     MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998     MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998     MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998     MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998     MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998     MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998     MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998     MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998     MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998     MYR sum not = 1. (will normalize)
M 49 Warning:
      0.998     MYR sum not = 1. (will normalize)
M 49 Warning:
      0.999     MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)

```

```

* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural interstate-Nash Co-RURAL
* File 1, Run 1, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural interstate mix and speeds

```

```

M615 Comment:
      User supplied VMT mix.
M 96 Warning:
      66.0      speed reduced to 65 mph maximum
M581 Warning:
      The user supplied freeway average speed of 65.0
      will be used for all hours of the day. 100% of VMT
      has been assigned to the freeway roadway type for
      all hours of the day and all vehicle types.
M 48 Warning:
      there are no sales for vehicle class HDGV8b

```

```

      Calendar Year: 2005
      Month: July
      Altitude: Low
      Minimum Temperature: 73.0 (F)
      Maximum Temperature: 88.0 (F)
      Minimum Rel. Hum.: 51.0 (%)
      Maximum Rel. Hum.: 97.0 (%)
      Barometric Pressure: 30.00 (inches Hg)
      Nominal Fuel RVP: 9.0 psi
      Weathered RVP: 8.7 psi
      Fuel Sulfur Content: 92. ppm

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

```

```

#####
* Rural principle arterial-Nash Co-RURAL
* File 1, Run 1, Scenario 2.
#####
* Rural other principle arterial mix and speeds
M615 Comment:
        User supplied VMT mix.
M581 Warning:
        The user supplied freeway average speed
        will be used for all hours of the day.
        has been assigned to the freeway roadway
        all hours of the day and all vehicle types
M 48 Warning:
        there are no sales for vehicle class

```

Calendar Year:	2005
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	92. ppm
Exhaust I/M Program:	No
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

```
* #####
* Rural minor arterial-Nash Co-RURAL
* File 1, Run 1, Scenario 3.
* #####
* Rural minor arterial mix and speeds
M615 Comment:
        User supplied VMT mix.
M583 Warning:
        The user supplied arterial average speed
        will be used for all hours of the day.
        has been assigned to the arterial/collector
        type for all hours of the day and all v
M 48 Warning:
        there are no sales for vehicle class
```

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

```
* #####
* Rural major collector-Nash Co-RURAL
* File 1, Run 1, Scenario 4.
* #####
* Rural major collector mix and speeds
M615 Comment:
    User supplied VMT mix.
M583 Warning:
    The user supplied arterial average speed of 43.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b
```

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

\* #

\* Rural minor collector mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 42.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year:	2005
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	92. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4366	0.3459	0.1181		0.0272	0.0009	0.0021	0.0632	0.0059	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	1.180	1.801	1.858	1.815	1.788	0.653	0.901	0.411	2.98	1.452
Composite NOx:	0.821	1.101	1.224	1.132	4.459	1.400	1.329	9.685	1.09	1.628

\* #

Rural local m

The user supplied arterial average speed of 42.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway

typ

```

Calendar Year: 2005
Month: July
Altitude: Low
Minimum Temperature: 73.0 (F)
Maximum Temperature: 88.0 (F)
Minimum Rel. Hum.: 51.0 (%)
Maximum Rel. Hum.: 97.0 (%)
Barometric Pressure: 30.00 (inches Hg)
Nominal Fuel RVP: 9.0 psi
Weathered RVP: 8.7 psi

```

Exhaust I/M Program: No

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

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4374	0.3466	0.1183		0.0267	0.0009	0.0021	0.0620	0.0059	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	1.180	1.801	1.858	1.815	1.789	0.653	0.901	0.411	2.98	1.454
Composite NOX:	0.821	1.101	1.224	1.132	4.459	1.400	1.329	9.687	1.09	1.615
-----										

\* #  
 \* Urban freeway-Nash Co-RURAL  
 \* File 1, Run 1, Scenario 7.  
 \* #  
 \* Urban freeway mix and speeds  
 M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 56.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the freeway roadway type for  
 all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2005  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 92. ppm

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

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4274	0.3388	0.1158		0.0329	0.0008	0.0021	0.0764	0.0058	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	1.092	1.683	1.737	1.696	1.601	0.606	0.841	0.348	3.00	1.337
Composite NOX:	0.854	1.152	1.275	1.183	4.916	1.861	1.762	14.377	1.31	2.176
-----										

\* #  
 \* Urban principle arterial-Nash Co-RURAL  
 \* File 1, Run 1, Scenario 8.  
 \* #  
 \* Urban principle arterial mix and speeds  
 M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 29.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the arterial/collector roadway  
 type for all hours of the day and all vehicle types.

M 48 Warning:

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4405	0.3492	0.1193		0.0247	0.0009	0.0022	0.0573	0.0059	1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	1.319	1.969	2.033	1.985	2.203	0.764	1.040	0.559	3.29	1.620
Composite NOX:	0.844	1.108	1.235	1.140	4.033	1.354	1.285	9.367	1.01	1.552

\* #

\* Urban minor arterial-Nash Co-RURAL

\* File 1, Run 1, Scenario 9.

\* #

\* Urban minor arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 32.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

Calendar Year:	2005
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	92. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.4517	0.3580	0.1224		0.0177	0.0009	0.0022	0.0410	0.0061	1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	1.275	1.915	1.976	1.931	2.072	0.730	0.998	0.514	3.19	1.584
Composite NOX:	0.825	1.092	1.217	1.124	4.133	1.339	1.271	9.263	1.03	1.376



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

Composite Emission Factors (g/mi):										
Composite VOC:	1.305	1.952	2.015	1.968	2.154	0.752	1.026	0.543	3.26	1.609
Composite NOX:	0.836	1.100	1.226	1.132	4.060	1.344	1.276	9.296	1.02	1.479

there are no sales for vehicle class HDGV8b

```

Calendar Year: 2008
Month: July
Altitude: Low
Minimum Temperature: 73.0 (F)
Maximum Temperature: 88.0 (F)
Minimum Rel. Hum.: 51.0 (%)
Maximum Rel. Hum.: 97.0 (%)
Barometric Pressure: 30.00 (inches Hg)
Nominal Fuel RVP: 9.0 psi
Weathered RVP: 8.7 psi
Fuel Sulfur Content: 30. ppm

```

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

Composite Emission Factors (g/mi):										
Composite VOC:	0.833	1.307	1.312	1.308	1.253	0.316	0.483	0.287	3.54	0.942
Composite NOX:	0.654	0.974	1.121	1.011	3.829	1.434	1.620	14.165	1.52	4.117

M581 Warning:



Composite Emission Factors (g/mi):										
Composite VOC:	0.925	1.430	1.443	1.433	1.393	0.339	0.521	0.333	2.87	1.153
Composite NOX:	0.617	0.910	1.056	0.947	3.323	0.799	0.900	7.336	1.10	1.430

M615 Comment:

M583 Warning:

M 48 Warning:

Calendar Year: 2008

Month: July

Altitude: Low

Minimum Temperature: 73.0 (F)

Maximum Temperature: 88.0 (F)

Minimum Rel. Hum.: 51.0 (%)

Maximum Rel. Hum.: 97.0 (%)

Barometric Pressure: 30.00 (inches Hg)

Nominal Fuel RVP: 9.0 psi

Weathered RVP: 8.7 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: No

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

VMT Distribution:0.3940 0.3795 0.1293 0.0264 0.0004 0.0020 0.0627 0.0057 1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	0.931	1.436	1.450	1.439	1.409	0.342	0.525	0.339	2.88	1.175
Composite NOX:	0.616	0.908	1.053	0.945	3.302	0.790	0.890	7.256	1.09	1.274

M615 Comment:

M583 Warning:

M 48 Warning:

Calendar Year: 2008

Month: July

Altitude: Low

Minimum Temperature: 73.0 (F)

Maximum Temperature: 88.0 (F)

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

VMT Distribution:0.3936 0.3788 0.1292 0.0268 0.0004 0.0020 0.0635 0.0057 1.0000

Composite VOC:	0.937	1.442	1.457	1.446	1.421	0.345	0.530	0.345	2.89	1.181
Composite NOX:	0.614	0.905	1.050	0.942	3.277	0.781	0.880	7.173	1.09	1.272

The user supplied arterial average speed of 42.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

VMT Distribution:0.3939 0.3796 0.1295 0.0263 0.0004 0.0020 0.0626 0.0057 1.0000

Composite VOC:	0.937	1.442	1.457	1.446	1.423	0.345	0.530	0.345	2.89	1.182
Composite NOX:	0.614	0.905	1.050	0.942	3.279	0.781	0.880	7.171	1.09	1.265

5-346  
June 19, 2006

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 56.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.3855	0.3710	0.1264		0.0324	0.0004	0.0019	0.0767	0.0056	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.864	1.351	1.360	1.354	1.280	0.318	0.487	0.292	2.92	1.088
Composite NOX:	0.637	0.946	1.091	0.983	3.614	1.041	1.175	10.503	1.31	1.668

```
* #####
* Urban principle arterial-Nash Co-RURAL
* File 1, Run 1, Scenario 19.
* #####
* Urban principle arterial mix and speeds
M615 Comment:
```

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 29.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Composite Emission Factors (g/mi):										
Composite VOC:	1.046	1.571	1.594	1.577	1.729	0.409	0.632	0.469	3.20	1.313
Composite NOX:	0.632	0.911	1.060	0.948	2.964	0.755	0.850	6.926	1.01	1.216

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	No
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Composite Emission Factors (g/mi):										
Composite VOC:	1.012	1.530	1.550	1.535	1.632	0.389	0.601	0.431	3.10	1.285
Composite NOX:	0.618	0.898	1.045	0.935	3.038	0.747	0.841	6.848	1.03	1.087

Calendar Year: 2008  
Month: July

Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4107	0.3953	0.1348		0.0150	0.0004	0.0021	0.0358	0.0059	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	1.023	1.543	1.564	1.549	1.659	0.395	0.611	0.443	3.13	1.302
Composite NOX:	0.622	0.901	1.049	0.939	3.010	0.748	0.843	6.862	1.03	1.052
-----										

\* #  
 \* Urban local-Nash Co-RURAL  
 \* File 1, Run 1, Scenario 22.  
 \* #  
 \* Urban local mix and speeds

M615 Comment:  
 User supplied VMT mix.  
 M583 Warning:  
 The user supplied arterial average speed of 30.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the arterial/collector roadway  
 type for all hours of the day and all vehicle types.  
 M 48 Warning:  
 there are no sales for vehicle class HDGV8b

Calendar Year: 2008  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4013	0.3862	0.1318		0.0215	0.0004	0.0020	0.0510	0.0058	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	1.035	1.558	1.580	1.563	1.692	0.402	0.622	0.456	3.17	1.304
Composite NOX:	0.626	0.904	1.052	0.942	2.984	0.750	0.844	6.874	1.02	1.162
-----										

\* #  
 \* Rural interstate-Nash Co-RURAL

\* File 1, Run 1, Scenario 23.  
 \* #####  
 \* Rural interstate mix and speeds

M615 Comment:  
     User supplied VMT mix.  
 M 96 Warning:  
     66.0          speed reduced to 65 mph maximum  
 M581 Warning:  
     The user supplied freeway average speed of 65.0  
     will be used for all hours of the day. 100% of VMT  
     has been assigned to the freeway roadway type for  
     all hours of the day and all vehicle types.

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

Calendar Year: 2011  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2660	0.3060	0.1044		0.0941	0.0002	0.0015	0.2237	0.0041	1.0000

-----  
 Composite Emission Factors (g/mi):  
 Composite VOC: 0.650 1.124 1.131 1.126 0.999 0.144 0.304 0.240 3.46 0.797  
 Composite NOX: 0.506 0.807 0.939 0.841 2.766 0.620 1.034 9.619 1.52 2.900  
 -----

\* #####  
 \* Rural principle arterial-Nash Co-RURAL  
 \* File 1, Run 1, Scenario 24.  
 \* #####  
 \* Rural other principle arterial mix and speeds

M615 Comment:  
     User supplied VMT mix.  
 M581 Warning:  
     The user supplied freeway average speed of 47.0  
     will be used for all hours of the day. 100% of VMT  
     has been assigned to the freeway roadway type for  
     all hours of the day and all vehicle types.

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

Calendar Year: 2011  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm



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

Calendar Year: 2011  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm  
  
Exhaust I/M Program: No  
Evap I/M Program: No  
ATP Program: Yes  
Reformulated Gas: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.3551	0.4086	0.1394		0.0264	0.0003	0.0020	0.0627	0.0055	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.722	1.222	1.243	1.228	1.107	0.157	0.333	0.284	2.82	0.992
Composite NOX:	0.477	0.754	0.884	0.787	2.386	0.340	0.566	4.981	1.09	0.983
-----										

\* #  
\* Rural minor collector-Nash Co-RURAL  
\* File 1, Run 1, Scenario 27.  
\* #  
\* Rural minor collector mix and speeds  
M615 Comment:

User supplied VMT mix.

M583 Warning:  
The user supplied arterial average speed of 42.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

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

Calendar Year: 2011  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm  
  
Exhaust I/M Program: No  
Evap I/M Program: No  
ATP Program: Yes  
Reformulated Gas: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.3546	0.4081	0.1392		0.0267	0.0003	0.0020	0.0636	0.0055	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.726	1.227	1.249	1.233	1.116	0.159	0.337	0.289	2.83	0.997



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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.3470	0.3997	0.1363		0.0323	0.0003	0.0020	0.0770	0.0054	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.673	1.158	1.170	1.161	1.023	0.145	0.306	0.244	2.85	0.924
Composite NOX:	0.494	0.785	0.915	0.818	2.611	0.449	0.748	7.081	1.31	1.248

```
* #####
* Urban principle arterial-Nash Co-RURAL
* File 1, Run 1, Scenario 30.
* #####
* Urban principle arterial mix and speeds
M615 Comment:
```

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 29.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

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

Calendar Year:	2011
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3578	0.4119	0.1405		0.0242	0.0003	0.0020	0.0578	0.0055	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.809	1.329	1.363	1.337	1.296	0.191	0.408	0.392	3.12	1.100
Composite NOX:	0.490	0.757	0.890	0.790	2.140	0.325	0.540	4.754	1.01	0.945

```
* #####
* Urban minor arterial-Nash Co-RURAL
* File 1, Run 1, Scenario 31.
* #####
* Urban minor arterial mix and speeds
M615 Comment:
```

```

M583 Warning:
    User supplied VMT mix.
    The user supplied arterial average speed of 32.0

```



Composite VOC:	0.791	1.307	1.338	1.315	1.256	0.184	0.394	0.371	3.06	1.094
Composite NOX:	0.482	0.749	0.881	0.782	2.174	0.322	0.535	4.712	1.03	0.833

```

User supplied VMT mix.
M583 Warning:
    The user supplied arterial average speed of 30.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b

```

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

Composite VOC:	0.800	1.318	1.351	1.326	1.276	0.188	0.401	0.381	3.09	1.094
Composite NOX:	0.485	0.752	0.884	0.785	2.156	0.323	0.536	4.720	1.02	0.908

```

User supplied VMT mix.
M581 Warning:
    The user supplied freeway average speed of 65.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the freeway roadway type for
    all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

```

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.2441	0.3224	0.1099		0.0937	0.0002	0.0016	0.2241	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.501	0.911	0.921	0.914	0.791	0.087	0.237	0.200	3.41	0.650
Composite NOX:	0.393	0.684	0.791	0.711	1.701	0.326	0.710	6.087	1.52	1.934

```
* #####
* Rural principle arterial-Nash Co-RURAL
* File 1, Run 1, Scenario 35.
* #####
* Rural other principle arterial mix and speeds
M615 Comment:
```

```

User supplied VMT mix.
M581 Warning:
    The user supplied freeway average speed of 47.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the freeway roadway type for
    all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDdT12

```

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3058	0.4041	0.1377		0.0427	0.0003	0.0020	0.1023	0.0051	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.540	0.967	0.986	0.972	0.849	0.092	0.251	0.222	2.74	0.765
Composite NOX:	0.375	0.648	0.752	0.674	1.509	0.190	0.414	3.689	1.13	0.928

# Mobile Source Inventory Rocky Mount 8-hour Ozone Maintenance Plan

\* File 1, Run 1, Scenario 36.  
 \* #####  
 \* Rural minor arterial mix and speeds

M615 Comment:  
     User supplied VMT mix.  
 M583 Warning:  
     The user supplied arterial average speed of 44.0  
     will be used for all hours of the day. 100% of VMT  
     has been assigned to the arterial/collector roadway  
     type for all hours of the day and all vehicle types.

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

M 48 Warning:  
     there are no sales for vehicle class LDDT12

Calendar Year: 2014  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3161	0.4173	0.1422		0.0344	0.0003	0.0021	0.0824	0.0052	1.0000

-----  
 Composite Emission Factors (g/mi):  
 Composite VOC: 0.549 0.978 0.999 0.983 0.866 0.095 0.257 0.232 2.76 0.788  
 Composite NOX: 0.372 0.642 0.747 0.669 1.476 0.181 0.393 3.206 1.10 0.813  
 -----

\* #####  
 \* Rural major collector-Nash Co-RURAL  
 \* File 1, Run 1, Scenario 37.  
 \* #####  
 \* Rural major collector mix and speeds

M615 Comment:  
     User supplied VMT mix.  
 M583 Warning:  
     The user supplied arterial average speed of 43.0  
     will be used for all hours of the day. 100% of VMT  
     has been assigned to the arterial/collector roadway  
     type for all hours of the day and all vehicle types.

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

M 48 Warning:  
     there are no sales for vehicle class LDDT12

Calendar Year: 2014  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi

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

Composite Emission Factors (g/mi):										
Composite VOC:	0.552	0.981	1.003	0.987	0.873	0.096	0.260	0.236	2.77	0.803
Composite NOX:	0.371	0.640	0.745	0.667	1.467	0.179	0.389	3.170	1.09	0.750

```
there are no sales for vehicle class LDDT12
```

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

Composite Emission Factors (g/mi):										
Composite VOC:	0.556	0.985	1.007	0.990	0.880	0.097	0.262	0.241	2.78	0.806
Composite NOX:	0.370	0.639	0.743	0.665	1.456	0.177	0.385	3.132	1.09	0.749

M583 Warning:

The user supplied arterial average speed of 42.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2014  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3261	0.4306	0.1468		0.0262	0.0003	0.0021	0.0625	0.0054	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.556	0.985	1.007	0.990	0.879	0.097	0.262	0.241	2.78	0.807
Composite NOX:	0.370	0.639	0.743	0.665	1.456	0.177	0.385	3.133	1.09	0.746
-----										

\* #  
\* Urban freeway-Nash Co-RURAL  
\* File 1, Run 1, Scenario 40.  
\* #  
\* Urban freeway mix and speeds

M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 56.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the freeway roadway type for  
all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2014  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

```
* #####  
* Urban principle arterial-Nash Co-RURAL  
* File 1, Run 1, Scenario 41.  
* #####  
* Urban principle arterial mix and speeds  
M615 Comment:
```

M583 Warning:

M 48 Warning:

M 48 Warning:

```

Calendar Year:      2014
      Month:        July
      Altitude:     Low
      um Temperature: 73.0 (F)
      um Temperature: 88.0 (F)
      imum Rel. Hum.: 51.0 (%)
      imum Rel. Hum.: 97.0 (%)
      etric Pressure: 30.00 (inches Hg)
      minal Fuel RVP: 9.0 psi
      Weathered RVP: 8.7 psi
      Sulfur Content: 30. ppm

      st I/M Program: No
      ap I/M Program: No
      ATP Program: Yes
      formulated Gas: No

```

```
* #####
* Urban minor arterial-Nash Co-RURAL
* File 1, Run 1, Scenario 42.
* #####
* Urban minor arterial mix and speeds
M615 Comment:
```

M583 Warning:

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:  
there are no sales for vehicle class LDDT12

Calendar Year: 2014  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.3368	0.4448	0.1516		0.0173	0.0003	0.0022	0.0414	0.0056	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.599	1.035	1.065	1.043	0.976	0.111	0.300	0.301	2.99	0.870
Composite NOX:	0.372	0.634	0.740	0.661	1.349	0.169	0.367	2.999	1.03	0.674
-----										

\* #  
\* Urban collector-Nash Co-RURAL  
\* File 1, Run 1, Scenario 43.  
\* #  
\* Urban collector mix and speeds  
M615 Comment:

User supplied VMT mix.

M583 Warning:  
The user supplied arterial average speed of 31.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

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

M 48 Warning:  
there are no sales for vehicle class LDDT12

Calendar Year: 2014  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.3396	0.4486	0.1529		0.0150	0.0003	0.0022	0.0358	0.0056	1.0000
-----										

```
* #####
* Urban local-Nash Co-RURAL
* File 1, Run 1, Scenario 44.
* #####
* Urban local mix and speeds
M615 Comment:
```

Calendar Year:	2014
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	No
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Composite Emission Factors (g/mi):										
Composite VOC:	0.612	1.051	1.084	1.060	1.002	0.115	0.310	0.318	3.05	0.881
Composite NOX:	0.377	0.639	0.745	0.666	1.325	0.170	0.369	3.006	1.02	0.705

```
* #####
* Rural interstate-Nash Co-RURAL
* File 1, Run 1, Scenario 45.
* #####
* Rural interstate mix and speeds
M615 Comment:
```

```
Calendar Year: 2017
      Month: July
    Altitude: Low
```

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.2287	0.3339	0.1138		0.0933	0.0002	0.0017	0.2244	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.407	0.746	0.784	0.756	0.638	0.064	0.211	0.180	3.35	0.545
Composite NOX:	0.314	0.570	0.684	0.599	1.211	0.180	0.568	4.145	1.52	1.391

```
* #####
* Rural principle arterial-Nash Co-RURAL
* File 1, Run 1, Scenario 46.
* #####
* Rural other principle arterial mix and speeds
M615 Comment:
    User supplied VMT mix.
M581 Warning:
    The user supplied freeway average speed of 47.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the freeway roadway type for
    all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12
```

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2865	0.4185	0.1427		0.0425	0.0003	0.0021	0.1024	0.0050	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.439	0.789	0.839	0.802	0.684	0.068	0.222	0.199	2.67	0.639
Composite NOX:	0.300	0.541	0.651	0.569	1.075	0.105	0.332	2.562	1.13	0.720

\* #

\* Rural minor arterial-Nash Co-RURAL  
 \* File 1, Run 1, Scenario 47.  
 \* #####  
 \* Rural minor arterial mix and speeds

M615 Comment:  
     User supplied VMT mix.  
 M583 Warning:  
     The user supplied arterial average speed of 44.0  
     will be used for all hours of the day. 100% of VMT  
     has been assigned to the arterial/collector roadway  
     type for all hours of the day and all vehicle types.  
 M 48 Warning:  
     there are no sales for vehicle class HDGV8b  
 M 48 Warning:  
     there are no sales for vehicle class LDDT12

Calendar Year: 2017  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm  
  
 Exhaust I/M Program: No  
 Evap I/M Program: No  
 ATP Program: Yes  
 Reformulated Gas: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2960	0.4322	0.1473		0.0343	0.0003	0.0022	0.0826	0.0051	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.447	0.798	0.850	0.811	0.699	0.070	0.227	0.208	2.69	0.658
Composite NOX:	0.298	0.536	0.646	0.564	1.052	0.100	0.316	2.155	1.10	0.636
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

\* #####  
 \* Rural major collector-Nash Co-RURAL  
 \* File 1, Run 1, Scenario 48.  
 \* #####  
 \* Rural major collector mix and speeds

M615 Comment:  
     User supplied VMT mix.  
 M583 Warning:  
     The user supplied arterial average speed of 43.0  
     will be used for all hours of the day. 100% of VMT  
     has been assigned to the arterial/collector roadway  
     type for all hours of the day and all vehicle types.  
 M 48 Warning:  
     there are no sales for vehicle class HDGV8b  
 M 48 Warning:  
     there are no sales for vehicle class LDDT12

Calendar Year: 2017  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi

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

```
* #####
* Rural minor collector-Nash Co-RURAL
* File 1, Run 1, Scenario 49.
* #####
* Rural minor collector mix and speeds
M615 Comment:
```

```
M 48 Warning:
      there are no sales for vehicle class HDGV8b
M 48 Warning:
      there are no sales for vehicle class LDdT12
```

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

```
* #####
* Rural local-Nash Co-RURAL
* File 1, Run 1, Scenario 50.
* #####
* Rural local mix and speeds
  M615 Comment:
      User supplied VMT mix.
```

The user supplied arterial average speed of 42.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

there are no sales for vehicle class HDGV8b

there are no sales for vehicle class LDPT12

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MT Distribution:	0.3055	0.4460	0.1521		0.0260	0.0003	0.0022	0.0626	0.0053	1.0000

Composite VOC:	0.453	0.804	0.857	0.817	0.710	0.071	0.232	0.216	2.71	0.674
Composite NOX:	0.297	0.533	0.642	0.561	1.037	0.098	0.309	2.106	1.09	0.591

User supplied VMT mix.

The user supplied freeway average speed of 56.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

there are no sales for vehicle class HDGV8b

```
there are no sales for vehicle class LDDT12
```

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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Reformulated Gas: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----										
VMT Distribution:	0.2984	0.4360	0.1486		0.0321	0.0003	0.0022	0.0772	0.0052	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.419	0.764	0.808	0.775	0.652	0.065	0.212	0.183	2.74	0.628
Composite NOX:	0.307	0.555	0.667	0.583	1.143	0.131	0.412	3.097	1.31	0.716
-----										

\* #

\* Urban principle arterial-Nash Co-RURAL

\* File 1, Run 1, Scenario 52.

\* #

\* Urban principle arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 29.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2017  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----										
VMT Distribution:	0.3076	0.4494	0.1532		0.0240	0.0003	0.0023	0.0579	0.0053	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	0.507	0.864	0.930	0.881	0.825	0.086	0.277	0.293	3.01	0.740
Composite NOX:	0.306	0.536	0.648	0.565	0.937	0.095	0.299	2.037	1.01	0.581
-----										

\* #

\* Urban minor arterial-Nash Co-RURAL

\* File 1, Run 1, Scenario 53.

\* #

\* Urban minor arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 32.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
g:
there are no sales for vehicle class LDDT12
```

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MTM Distribution:	0.3153	0.4607	0.1571		0.0173	0.0003	0.0023	0.0415	0.0055	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.490	0.844	0.906	0.860	0.791	0.082	0.263	0.269	2.92	0.727
Composite NOX:	0.300	0.529	0.640	0.557	0.961	0.093	0.295	2.017	1.03	0.544

```
* #####
* Urban collector-Nash Co-RURAL
* File 1, Run 1, Scenario 54.
* #####
* Urban collector mix and speeds
M615 Comment:
```

```

M615 Comment:
        User supplied VMT mix.
M583 Warning:
        The user supplied arterial average speed of 31.0
        will be used for all hours of the day. 100% of VMT
        has been assigned to the arterial/collector roadway
        type for all hours of the day and all vehicle types.

```

```
M 48 Warning:
      there are no sales for vehicle class HDGV8b
M 48 Warning:
      there are no sales for vehicle class LDDT12
```

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3181	0.4646	0.1584		0.0149	0.0003	0.0023	0.0359	0.0055	1.0000

Composite VOC:	0.495	0.851	0.914	0.867	0.801	0.083	0.268	0.277	2.95	0.736
Composite NOX:	0.301	0.531	0.642	0.559	0.953	0.094	0.296	2.016	1.03	0.537

```

User supplied VMT mix.
M583 Warning:
    The user supplied arterial average speed of 30.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

```

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

Composite VOC:	0.501	0.858	0.922	0.874	0.812	0.085	0.272	0.285	2.98	0.736
Composite NOX:	0.304	0.533	0.644	0.561	0.944	0.094	0.296	2.024	1.02	0.566

```

M 48 Warning:
    User supplied VMT mix.
M581 Warning:
    The user supplied freeway average speed of 45.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the freeway roadway type for
    all hours of the day and all vehicle types.
M 48 Warning:
    there are no sales for vehicle class HDGV8b

```

Mobile Source Inventory  
Rocky Mount 8-hour Ozone Maintenance Plan

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MTM Distribution:	0.4103	0.3253	0.1111		0.0437	0.0008	0.0020	0.1013	0.0055	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	1.160	1.776	1.833	1.791	1.734	0.638	0.881	0.390	2.94	1.391
Composite NOX:	0.827	1.111	1.234	1.142	4.552	1.446	1.372	11.545	1.10	2.216

User supplied VMT mix.

The user supplied arterial average speed of 44.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

there are no sales for vehicle class HDGV8b

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MTM Distribution:	0.4240	0.3359	0.1147		0.0352	0.0008	0.0021	0.0816	0.0057	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	1.166	1.784	1.841	1.798	1.750	0.643	0.888	0.397	2.95	1.418
Composite NOX:	0.825	1.108	1.231	1.139	4.522	1.431	1.358	9.903	1.10	1.841

\* #



```
* #####
* Rural local-Edgecombe Co-RURAL
* File 1, Run 1, Scenario 60.
* #####
* Rural local mix and speeds
* M615 Comment:
```

Calendar Year:	2005
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	92. ppm
Exhaust I/M Program:	No
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

```
* # # # # # # # # # # # # # # # # # # # # # # # # # # #  
* Urban freeway-Edgecombe Co-RURAL  
* File 1, Run 1, Scenario 61.  
* # # # # # # # # # # # # # # # # # # # # # # # # # # #  
* Urban freeway mix and speeds  
  
M615 Comment:
```

Calendar Year: 2005

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

```
* #####
* Urban principle arterial-Edgecombe Co-RURAL
* File 1, Run 1, Scenario 62.
* #####
* Urban principle arterial mix and speeds
  M615 Comment:
      User supplied VMT mix.
M583 Warning:
      The user supplied arterial average speed of 29.0
      will be used for all hours of the day. 100% of VMT
      has been assigned to the arterial/collector roadway
      type for all hours of the day and all vehicle types.
M 48 Warning:
      there are no sales for vehicle class HDGV8b
```

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

\* #

```
* Urban minor arterial-Edgecombe Co-RURAL  
* File 1, Run 1, Scenario 63.  
* #####  
* Urban minor arterial mix and speeds
```

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 32.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

Calendar Year:	2005
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	92. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4517	0.3580	0.1224		0.0177	0.0009	0.0022	0.0410	0.0061	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	1.275	1.915	1.976	1.931	2.072	0.730	0.998	0.514	3.19	1.584
Composite NOX:	0.825	1.092	1.217	1.124	4.133	1.339	1.271	9.263	1.03	1.376

```
* * * * *
* Urban collector-Edgecombe Co-RURAL
* File 1, Run 1, Scenario 64.
* * * * *
* Urban collector mix and speeds
```

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 31.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

Calendar Year:	2005
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	92. ppm

Exhaust I/M Program: No

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

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4556	0.3610	0.1234		0.0153	0.0009	0.0022	0.0355	0.0061	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	1.289	1.933	1.995	1.949	2.107	0.741	1.011	0.528	3.22	1.605
Composite NOX:	0.830	1.096	1.222	1.128	4.094	1.341	1.274	9.289	1.03	1.327
-----										

\* #  
 \* Urban local-Edgecombe Co-RURAL  
 \* File 1, Run 1, Scenario 65.  
 \* #  
 \* Urban local mix and speeds  
 M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 30.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the arterial/collector roadway  
 type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year: 2005  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 92. ppm

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

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4450	0.3527	0.1205		0.0219	0.0009	0.0022	0.0508	0.0060	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	1.305	1.952	2.015	1.968	2.154	0.752	1.026	0.543	3.26	1.609
Composite NOX:	0.836	1.100	1.226	1.132	4.060	1.344	1.276	9.296	1.02	1.479
-----										

\* #  
 \* Rural principle arterial-Edgecombe Co-RURAL  
 \* File 1, Run 1, Scenario 66.  
 \* #  
 \* Rural other principle arterial mix and speeds  
 M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 45.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the freeway roadway type for  
 all hours of the day and all vehicle types.

M 48 Warning:

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3699	0.3562	0.1214		0.0429	0.0004	0.0019	0.1020	0.0053	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.920	1.424	1.437	1.427	1.381	0.337	0.516	0.328	2.86	1.131
Composite NOX:	0.619	0.913	1.058	0.950	3.346	0.807	0.909	8.327	1.10	1.683

```
* #####
* Rural minor arterial-Edgecombe Co-RURAL
* File 1, Run 1, Scenario 67.
* #####
* Rural minor arterial mix and speeds
* M615 Comment:
```

User supplied VMT mix.

M583 Warning:  
The user supplied arterial average speed of 44.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

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

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3819	0.3678	0.1255		0.0346	0.0004	0.0019	0.0824	0.0055	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.925	1.430	1.443	1.433	1.393	0.339	0.521	0.333	2.87	1.153
Composite NOX:	0.617	0.910	1.056	0.947	3.323	0.799	0.900	7.336	1.10	1.430



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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3936	0.3788	0.1292		0.0268	0.0004	0.0020	0.0635	0.0057	1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	0.937	1.442	1.457	1.446	1.421	0.345	0.530	0.345	2.89	1.181
Composite NOX:	0.614	0.905	1.050	0.942	3.277	0.781	0.880	7.173	1.09	1.272

\* #

\* Rural local-Edgcombe Co-RURAL

\* File 1, Run 1, Scenario 70.

\* #

\* Rural local mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 42.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3939	0.3796	0.1295		0.0263	0.0004	0.0020	0.0626	0.0057	1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	0.937	1.442	1.457	1.446	1.423	0.345	0.530	0.345	2.89	1.182
Composite NOX:	0.614	0.905	1.050	0.942	3.279	0.781	0.880	7.171	1.09	1.265

\* #

\* Urban freeway-Edgcombe Co-RURAL

\* File 1, Run 1, Scenario 71.

\* #

\* Urban freeway mix and speeds

M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 55.0 will be used for all hours of the day. 100% of VMT



---

\* Urban minor arterial-Edgemoor Co-BURIAL.

\* File 1 Run 1 Scenario 73

[illegible]

\* Urban minor arterial mix and speeds

User supplied VMT mix.

The user supplied arterial average speed of 32.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
there are no sales for vehicle class HDGV8b
```

Month: July

Minimum Temperature: 73.0 (F)

Maximum Temperature: 88.0 (F)

Minimum Rel. Hum.: 51.0 (%)

Maximum Rel. Hum.: 97.0 (%)

Barometric Pressure: 30.00 (inches Hg)

Nominal Fuel RVP: 9.0 psi

Weathered RVP: 8.7 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: No

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Composite VOC:	1.012	1.530	1.550	1.535	1.632	0.389	0.601	0.431	3.10	1.285
----------------	-------	-------	-------	-------	-------	-------	-------	-------	------	-------

\* Urban collector-Edgewater Co-BURAI

[illegible]

Urban collector mix and species

User supplied VMT mix.

The user supplied arterial average speed of 31.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

there are no sales for vehicle class HDGV8b

Month: July

Minimum Temperature: 73.0 (F)

Maximum Temperature: 88.0 (F)

Minimum Rel. Hum.: 51.0 (%)

Maximum Rel. Hum.: 97.0 (%)

Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----										
VTM Distribution:	0.4107	0.3953	0.1348		0.0150	0.0004	0.0021	0.0358	0.0059	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	1.023	1.543	1.564	1.549	1.659	0.395	0.611	0.443	3.13	1.302
Composite NOX:	0.622	0.901	1.049	0.939	3.010	0.748	0.843	6.862	1.03	1.052
-----										

\* #  
\* Urban local-Edgecombe Co-RURAL  
\* File 1, Run 1, Scenario 75.  
\* #  
\* Urban local mix and speeds

M615 Comment:  
User supplied VMT mix.  
M583 Warning:  
The user supplied arterial average speed of 30.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

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

Calendar Year: 2008  
Month: July  
Altitude: Low  
Minimum Temperature: 73.0 (F)  
Maximum Temperature: 88.0 (F)  
Minimum Rel. Hum.: 51.0 (%)  
Maximum Rel. Hum.: 97.0 (%)  
Barometric Pressure: 30.00 (inches Hg)  
Nominal Fuel RVP: 9.0 psi  
Weathered RVP: 8.7 psi  
Fuel Sulfur Content: 30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----										
VTM Distribution:	0.4013	0.3862	0.1318		0.0215	0.0004	0.0020	0.0510	0.0058	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC:	1.035	1.558	1.580	1.563	1.692	0.402	0.622	0.456	3.17	1.304
Composite NOX:	0.626	0.904	1.052	0.942	2.984	0.750	0.844	6.874	1.02	1.162
-----										

\* #  
\* Rural principle arterial-Edgecombe Co-RURAL  
\* File 1, Run 1, Scenario 76.  
\* #  
\* Rural other principle arterial mix and speeds

M615 Comment:  
User supplied VMT mix.

M581 Warning:  
 The user supplied freeway average speed of 45.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the freeway roadway type for  
 all hours of the day and all vehicle types.

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

Calendar Year: 2011  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm  
  
 Exhaust I/M Program: No  
 Evap I/M Program: No  
 ATP Program: Yes  
 Reformulated Gas: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3332	0.3837	0.1308		0.0429	0.0003	0.0019	0.1020	0.0052	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.714	1.213	1.233	1.218	1.091	0.154	0.327	0.274	2.80	0.954
Composite NOX:	0.479	0.758	0.888	0.791	2.418	0.348	0.578	5.573	1.10	1.246
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

\* #  
 \* Rural minor arterial-Edgecombe Co-RURAL  
 \* File 1, Run 1, Scenario 77.  
 \* #  
 \* Rural minor arterial mix and speeds  
 M615 Comment:

User supplied VMT mix.

M583 Warning:  
 The user supplied arterial average speed of 44.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the arterial/collector roadway  
 type for all hours of the day and all vehicle types.

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

Calendar Year: 2011  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm  
  
 Exhaust I/M Program: No  
 Evap I/M Program: No  
 ATP Program: Yes  
 Reformulated Gas: No

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

Composite Emission Factors (g/mi):

```
* #####
* Rural major collector-Edgecombe Co-RURAL
* File 1, Run 1, Scenario 78.
* #####
* Rural major collector mix and speeds
M615 Comment:
```

```

User supplied VMT mix.
M583 Warning:
  The user supplied arterial average speed of 43.0
  will be used for all hours of the day. 100% of VMT
  has been assigned to the arterial/collector roadway
  type for all hours of the day and all vehicle types.

```

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

Calendar Year:	2011
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

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

Composite Emission Factors (g/mi):

```
* ##### Rural minor collector-Edgecombe Co-RURAL
* File 1, Run 1, Scenario 79.
* #####
* Rural minor collector mix and speeds
M615 Comment:
```

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 42.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

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

```

Calendar Year: 2011
Month: July
Altitude: Low
Minimum Temperature: 73.0 (F)

```

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
MTM Distribution:	0.3546	0.4081	0.1392		0.0267	0.0003	0.0020	0.0636	0.0055	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.726	1.227	1.249	1.233	1.116	0.159	0.337	0.289	2.83	0.997
Composite NOX:	0.476	0.752	0.881	0.785	2.368	0.336	0.559	4.921	1.09	0.982

\* #

\* File 1, Run 1, Scenario 80.

\* #

\* Rural local mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 42.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

Calendar Year:	2011
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MTM Distribution:	0.3551	0.4088	0.1395		0.0263	0.0003	0.0020	0.0625	0.0055	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.726	1.227	1.249	1.233	1.116	0.159	0.337	0.289	2.83	0.997
Composite NOX:	0.476	0.752	0.881	0.785	2.369	0.336	0.559	4.923	1.09	0.976

\* #

\* File 1, Run 1, Scenario 81.

\* #





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

```
* #####
* Urban local-Edgecombe Co-RURAL
* File 1, Run 1, Scenario 85.
* #####
* Urban local mix and speeds
  M615 Comment:
      User supplied VMT mix.
M583 Warning:
      The user supplied arterial average speed of 30.0
      will be used for all hours of the day. 100% of VMT
      has been assigned to the arterial/collector roadway
      type for all hours of the day and all vehicle types.
M 48 Warning:
      there are no sales for vehicle class HDGV8b
```

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

\* #

\* Rural principle arterial-Edgecombe Co-RURAL  
 \* File 1, Run 1, Scenario 86.  
 \* #####

\* Rural other principle arterial mix and speeds  
 M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 45.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the freeway roadway type for  
 all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2014  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi  
 Weathered RVP: 8.7 psi  
 Fuel Sulfur Content: 30. ppm

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

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

VMT Distribution:	0.3058	0.4041	0.1377		0.0427	0.0003	0.0020	0.1023	0.0051	1.0000
-------------------	--------	--------	--------	--	--------	--------	--------	--------	--------	--------

-----  
 Composite Emission Factors (g/mi):

Composite VOC:	0.546	0.974	0.995	0.980	0.860	0.094	0.255	0.228	2.75	0.772
Composite NOX:	0.373	0.644	0.748	0.670	1.486	0.183	0.397	3.555	1.10	0.911

\* #####  
 \* Rural minor arterial-Edgecombe Co-RURAL  
 \* File 1, Run 1, Scenario 87.  
 \* #####

\* Rural minor arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 44.0  
 will be used for all hours of the day. 100% of VMT  
 has been assigned to the arterial/collector roadway  
 type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

Calendar Year: 2014  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 73.0 (F)  
 Maximum Temperature: 88.0 (F)  
 Minimum Rel. Hum.: 51.0 (%)  
 Maximum Rel. Hum.: 97.0 (%)  
 Barometric Pressure: 30.00 (inches Hg)  
 Nominal Fuel RVP: 9.0 psi

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

```
* #####
* Rural major collector-Edgecombe Co-RURAL
* File 1, Run 1, Scenario 88.
* #####
* Rural major collector mix and speeds
M615 Comment:
```

```
M 48 Warning:
      there are no sales for vehicle class HDGV8b
M 48 Warning:
      there are no sales for vehicle class LDdT12
```

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

```
* #####
* Rural minor collector-Edgecombe Co-RURAL
* File 1, Run 1, Scenario 89.
* #####
* Rural minor collector mix and speeds
M615 Comment:
      User supplied VMT mix.
```

The user supplied arterial average speed of 42.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

there are no sales for vehicle class HDGV8b

there are no sales for vehicle class LDPT12

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

VMT Distribution:0.3256 0.4298 0.1465 0.0266 0.0003 0.0021 0.0637 0.0054 1.0000

Composite VOC:	0.556	0.985	1.007	0.990	0.880	0.097	0.262	0.241	2.78	0.806
Composite NOX:	0.370	0.639	0.743	0.665	1.456	0.177	0.385	3.132	1.09	0.749

User supplied VMT mix.

The user supplied arterial average speed of 42.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

there are no sales for vehicle class HDGV8b

```
there are no sales for vehicle class LDDT12
```

Exhaust	I/M Program:	No
Evap	I/M Program:	No
	ATP Program:	Yes

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.3261	0.4306	0.1468		0.0262	0.0003	0.0021	0.0625	0.0054	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.556	0.985	1.007	0.990	0.879	0.097	0.262	0.241	2.78	0.807
Composite NOX:	0.370	0.639	0.743	0.665	1.456	0.177	0.385	3.133	1.09	0.746

```
there are no sales for vehicle class LDDT12
```

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3186	0.4210	0.1434		0.0322	0.0003	0.0021	0.0771	0.0053	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.519	0.938	0.953	0.942	0.812	0.088	0.240	0.205	2.73	0.754
Composite NOX:	0.382	0.663	0.768	0.690	1.594	0.228	0.495	4.348	1.28	0.905

M 48 Warning:



Composite VOC:	0.599	1.035	1.065	1.043	0.976	0.111	0.300	0.301	2.99	0.870
Composite NOX:	0.372	0.634	0.740	0.661	1.349	0.169	0.367	2.999	1.03	0.674

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3396	0.4486	0.1529		0.0150	0.0003	0.0022	0.0358	0.0056	1.0000

Composite VOC:	0.605	1.043	1.074	1.051	0.989	0.113	0.305	0.309	3.02	0.881
Composite NOX:	0.375	0.636	0.742	0.663	1.337	0.169	0.368	2.996	1.03	0.660

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

Composite Emission Factors (g/mi):										
Composite VOC:	0.618	1.059	1.093	1.068	1.017	0.117	0.316	0.327	3.08	0.889
Composite NOX:	0.381	0.643	0.750	0.670	1.316	0.171	0.372	3.028	1.01	0.709

\* Rural principle arterial-Edgecombe Co-RURAL

\* File 1, Run 1, Scenario 96.

\* #

\* Rural other principle arterial mix and speeds

M615 Comment:

User supplied VMT mix.

M581 Warning:

The user supplied freeway average speed of 45.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

```
there are no sales for vehicle class LDDT12
```

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

Composite Emission Factors (g/mi):										
Composite VOC:	0.444	0.795	0.846	0.808	0.694	0.069	0.225	0.205	2.68	0.645
Composite NOX:	0.299	0.537	0.647	0.565	1.059	0.101	0.319	2.474	1.10	0.707

M615 Comment: User supplied VMT mix.

M583 Warning:

The user supplied arterial average speed of 44.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

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

```
M 48 Warning:
      there are no sales for vehicle class LDDT12
```

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2960	0.4322	0.1473		0.0343	0.0003	0.0022	0.0826	0.0051	1.0000

Composite Emission Factors (g/mi):										
Composite VOC:	0.447	0.798	0.850	0.811	0.699	0.070	0.227	0.208	2.69	0.658
Composite NOX:	0.298	0.536	0.646	0.564	1.052	0.100	0.316	2.155	1.10	0.636

M615 Comment: User supplied VMT mix.

```
M583 Warning:
    The user supplied arterial average speed of 43.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.
```

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

```
M 48 Warning:
      there are no sales for vehicle class LDDT12
```

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)

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

```
* #####
* Rural minor collector-Edgecombe Co-RURAL
* File 1, Run 1, Scenario 99.
* #####
* Rural minor collector mix and speeds
M615 Comment:
        User supplied VMT mix.
M583 Warning:
        The user supplied arterial average speed
        will be used for all hours of the day.
        has been assigned to the arterial/collector
        type for all hours of the day and all vehicle
M 48 Warning:
        there are no sales for vehicle class 1
M 48 Warning:
        there are no sales for vehicle class 2
```

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

```
* #####
* Rural local-Edgecombe Co-RURAL
* File 1, Run 1, Scenario 100.
* #####
* Rural local mix and speeds
* M615 Comment:
```



Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2984	0.4360	0.1486		0.0321	0.0003	0.0022	0.0772	0.0052	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.421	0.767	0.811	0.778	0.654	0.065	0.213	0.184	2.66	0.630
Composite NOX:	0.306	0.553	0.665	0.582	1.135	0.126	0.397	2.997	1.28	0.707

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

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3076	0.4494	0.1532		0.0240	0.0003	0.0023	0.0579	0.0053	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite VOC:	0.507	0.864	0.930	0.881	0.825	0.086	0.277	0.293	3.01	0.740
Composite NOX:	0.306	0.536	0.648	0.565	0.937	0.095	0.299	2.037	1.01	0.581

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Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	No
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
MTM Distribution:	0.3153	0.4607	0.1571		0.0173	0.0003	0.0023	0.0415	0.0055	1.0000
Composite Emission Factors (g/mi):										
Composite VOC:	0.490	0.844	0.906	0.860	0.791	0.082	0.263	0.269	2.92	0.727
Composite NOX:	0.300	0.529	0.640	0.557	0.961	0.093	0.295	2.017	1.03	0.546

```
* #####
* Urban collector-Edgecombe Co-RURAL
* File 1, Run 1, Scenario 104.
* #####
* Urban collector mix and speeds
* M615 Comment:
```

M583 Warning:  
The user supplied arterial average speed of 31.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	No
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

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

Composite Emission Factors (g/mi):										
Composite VOC:	0.495	0.851	0.914	0.867	0.801	0.083	0.268	0.277	2.95	0.736
Composite NOX:	0.301	0.531	0.642	0.559	0.953	0.094	0.296	2.016	1.03	0.537

Calendar Year:	2017
Month:	July
Altitude:	Low
Minimum Temperature:	73.0 (F)
Maximum Temperature:	88.0 (F)
Minimum Rel. Hum.:	51.0 (%)
Maximum Rel. Hum.:	97.0 (%)
Barometric Pressure:	30.00 (inches Hg)
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.7 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	No
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

### 5.3 NORTH CAROLINA'S VEHICLE MIX

#### VMT FRACTIONS

#### MOBILE6.2 inputs

#### 2005 State Vehicle Mix

Rural	LDV	LDT1	LDT2	LDT3	LDT4	HDV2B	HDV3	HDV4
Interstate	0.3282	0.06	0.1998	0.0616	0.0283	0.1023	0.01	0.0082
Princ. Art.	0.4111	0.0752	0.2505	0.0772	0.0355	0.0467	0.0046	0.0037
Minor Art.	0.4248	0.0777	0.2587	0.0797	0.0366	0.0376	0.0037	0.003
Major Collector	0.438	0.0801	0.2668	0.0822	0.0378	0.0287	0.0028	0.0023
Minor Collector	0.4375	0.08	0.2664	0.0821	0.0377	0.0291	0.0029	0.0023
Local	0.4383	0.0802	0.2669	0.0822	0.0378	0.0286	0.0028	0.0023

Rural	HDV5	HDV6	HDV7	HDV8a	HDV8b	HDBS	HDBT	MC
Interstate	0.0061	0.0227	0.027	0.0293	0.1044	0.0053	0.0024	0.0044
Princ. Art.	0.0028	0.0104	0.0123	0.0134	0.0476	0.0024	0.0011	0.0055
Minor Art.	0.0022	0.0084	0.0099	0.0108	0.0384	0.0019	0.0009	0.0057
Major Collector	0.0017	0.0064	0.0076	0.0082	0.0293	0.0015	0.0007	0.0059
Minor Collector	0.0017	0.0065	0.0077	0.0083	0.0297	0.0015	0.0007	0.0059
Local	0.0017	0.0063	0.0075	0.0082	0.0291	0.0015	0.0007	0.0059

Urban	LDV	LDT1	LDT2	LDT3	LDT4	HDV2B	HDV3	HDV4
Interstate	0.3936	0.072	0.2398	0.0739	0.034	0.0584	0.0057	0.0047
Freeway	0.4282	0.0784	0.2609	0.0804	0.037	0.0352	0.0035	0.0028
Princ. Art.	0.4414	0.0808	0.2689	0.0829	0.0381	0.0264	0.0026	0.0021
Minor Art	0.4526	0.0828	0.2757	0.085	0.0391	0.0189	0.0019	0.0015
Coll	0.4565	0.0835	0.278	0.0857	0.0394	0.0164	0.0016	0.0013
Local	0.4459	0.0816	0.2716	0.0837	0.0385	0.0234	0.0023	0.0019

Urban	HDV5	HDV6	HDV7	HDV8a	HDV8b	HDBS	HDBT	MC
Interstate	0.0035	0.013	0.0154	0.0167	0.0596	0.003	0.0014	0.0053
Freeway	0.0021	0.0078	0.0093	0.0101	0.0359	0.0018	0.0008	0.0058
Princ. Art.	0.0016	0.0059	0.0069	0.0076	0.0269	0.0014	0.0006	0.0059
Minor Art	0.0011	0.0042	0.005	0.0054	0.0193	0.001	0.0004	0.0061
Coll	0.001	0.0036	0.0043	0.0047	0.0167	0.0008	0.0004	0.0061
Local	0.0014	0.0052	0.0062	0.0067	0.0239	0.0012	0.0005	0.006

## 2008 State Vehicle Mix

Rural	LDV	LDT1	LDT2	LDT3	LDT4	HDV2B	HDV3	HDV4
Interstate	0.2952	0.0656	0.2186	0.0674	0.031	0.1022	0.01	0.0082
Princ. Art.	0.3703	0.0823	0.274	0.0844	0.0388	0.0466	0.0046	0.0037
Minor Art.	0.3823	0.085	0.2829	0.0872	0.0401	0.0376	0.0037	0.003
Major Collector	0.3944	0.0877	0.2919	0.0899	0.0413	0.0286	0.0028	0.0023
Minor Collector	0.394	0.0875	0.2914	0.0898	0.0413	0.0291	0.0028	0.0023
Local	0.3943	0.0877	0.292	0.09	0.0414	0.0285	0.0028	0.0023
Rural	HDV5	HDV6	HDV7	HDV8a	HDV8b	HDBS	HDBT	MC
Interstate	0.0063	0.0229	0.0269	0.0292	0.1045	0.0053	0.0024	0.0043
Princ. Art.	0.0029	0.0104	0.0122	0.0133	0.0477	0.0024	0.0011	0.0053
Minor Art.	0.0023	0.0084	0.0099	0.0108	0.0385	0.0019	0.0009	0.0055
Major Collector	0.0018	0.0064	0.0075	0.0082	0.0293	0.0015	0.0007	0.0057
Minor Collector	0.0018	0.0065	0.0076	0.0083	0.0297	0.0015	0.0007	0.0057
Local	0.0018	0.0064	0.0075	0.0082	0.0292	0.0015	0.0007	0.0057
Urban	LDV	LDT1	LDT2	LDT3	LDT4	HDV2B	HDV3	HDV4
Interstate	0.3544	0.0788	0.2623	0.0808	0.0372	0.0583	0.0057	0.0047
Freeway	0.3859	0.0857	0.2854	0.0879	0.0404	0.0351	0.0034	0.0028
Princ. Art.	0.3977	0.0883	0.2942	0.0906	0.0417	0.0263	0.0026	0.0021
Minor Art	0.4076	0.0906	0.3016	0.0929	0.0427	0.0189	0.0018	0.0015
Coll	0.4111	0.0913	0.3041	0.0937	0.0431	0.0163	0.0016	0.0013
Local	0.4017	0.0892	0.2971	0.0916	0.0421	0.0233	0.0023	0.0019
Urban	HDV5	HDV6	HDV7	HDV8a	HDV8b	HDBS	HDBT	MC
Interstate	0.0036	0.0131	0.0153	0.0167	0.0596	0.003	0.0014	0.0051
Freeway	0.0022	0.0079	0.0092	0.01	0.0359	0.0018	0.0008	0.0056
Princ. Art.	0.0016	0.0059	0.0069	0.0075	0.0269	0.0014	0.0006	0.0057
Minor Art	0.0012	0.0042	0.005	0.0054	0.0193	0.001	0.0004	0.0059
Coll	0.001	0.0037	0.0043	0.0047	0.0167	0.0008	0.0004	0.0059
Local	0.0014	0.0052	0.0061	0.0067	0.0239	0.0012	0.0005	0.0058

## 2011 State Vehicle Mix

Rural	LDV	LDT1	LDT2	LDT3	LDT4	HDV2B	HDV3	HDV4
Interstate	0.2662	0.0707	0.2353	0.0725	0.0334	0.1021	0.0099	0.0084
Princ. Art.	0.3335	0.0887	0.295	0.0909	0.0418	0.0465	0.0045	0.0038
Minor Art.	0.3444	0.0916	0.3046	0.0939	0.0432	0.0376	0.0037	0.0031
Major Collector	0.3554	0.0944	0.3142	0.0968	0.0446	0.0286	0.0028	0.0023
Minor Collector	0.3549	0.0943	0.3138	0.0967	0.0445	0.029	0.0028	0.0024
Local	0.3554	0.0945	0.3143	0.0969	0.0446	0.0285	0.0028	0.0023
Rural	HDV5	HDV6	HDV7	HDV8a	HDV8b	HDBS	HDBT	MC
Interstate	0.0063	0.0228	0.027	0.0293	0.1042	0.0052	0.0026	0.0041
Princ. Art.	0.0029	0.0104	0.0123	0.0134	0.0475	0.0024	0.0012	0.0052
Minor Art.	0.0023	0.0084	0.0099	0.0108	0.0383	0.0019	0.001	0.0053
Major Collector	0.0018	0.0064	0.0076	0.0082	0.0292	0.0015	0.0007	0.0055
Minor Collector	0.0018	0.0065	0.0077	0.0083	0.0296	0.0015	0.0007	0.0055
Local	0.0018	0.0064	0.0075	0.0082	0.0291	0.0015	0.0007	0.0055
Urban	LDV	LDT1	LDT2	LDT3	LDT4	HDV2B	HDV3	HDV4
Interstate	0.3194	0.0849	0.2824	0.087	0.0401	0.0582	0.0057	0.0048
Freeway	0.3473	0.0924	0.3073	0.0947	0.0436	0.0351	0.0034	0.0029
Princ. Art.	0.3581	0.0952	0.3167	0.0976	0.0449	0.0263	0.0026	0.0022
Minor Art	0.3671	0.0976	0.3247	0.1001	0.0461	0.0189	0.0018	0.0015
Coll	0.3705	0.0984	0.3274	0.1009	0.0464	0.0163	0.0016	0.0013
Local	0.3618	0.0961	0.3199	0.0986	0.0454	0.0233	0.0023	0.0019
Urban	HDV5	HDV6	HDV7	HDV8a	HDV8b	HDBS	HDBT	MC
Interstate	0.0036	0.013	0.0154	0.0167	0.0594	0.003	0.0015	0.0049
Freeway	0.0022	0.0078	0.0093	0.0101	0.0358	0.0018	0.0009	0.0054
Princ. Art.	0.0016	0.0059	0.0069	0.0076	0.0269	0.0013	0.0007	0.0055
Minor Art	0.0012	0.0042	0.005	0.0054	0.0192	0.001	0.0005	0.0057
Coll	0.001	0.0036	0.0043	0.0047	0.0167	0.0008	0.0004	0.0057
Local	0.0014	0.0052	0.0062	0.0067	0.0238	0.0012	0.0006	0.0056

## 2014 State Vehicle Mix

Rural	LDV	LDT1	LDT2	LDT3	LDT4	HDV2B	HDV3	HDV4
Interstate	0.2443	0.0745	0.2479	0.0764	0.0351	0.102	0.0099	0.0083
Princ. Art.	0.3061	0.0934	0.3107	0.0957	0.044	0.0465	0.0045	0.0038
Minor Art.	0.3164	0.0964	0.3209	0.0988	0.0455	0.0375	0.0036	0.0031
Major Collector	0.3261	0.0995	0.331	0.102	0.0469	0.0286	0.0028	0.0023
Minor Collector	0.3259	0.0993	0.3305	0.1018	0.0468	0.029	0.0028	0.0024
Local	0.3264	0.0995	0.3311	0.102	0.0469	0.0285	0.0028	0.0023
Rural	HDV5	HDV6	HDV7	HDV8a	HDV8b	HDBS	HDBT	MC
Interstate	0.0063	0.023	0.0269	0.0292	0.1044	0.0052	0.0026	0.004
Princ. Art.	0.0029	0.0105	0.0123	0.0133	0.0476	0.0024	0.0012	0.0051
Minor Art.	0.0023	0.0084	0.0099	0.0107	0.0384	0.0019	0.001	0.0052
Major Collector	0.0018	0.0064	0.0075	0.0082	0.0293	0.0015	0.0007	0.0054
Minor Collector	0.0018	0.0065	0.0076	0.0083	0.0297	0.0015	0.0007	0.0054
Local	0.0017	0.0064	0.0075	0.0082	0.0291	0.0015	0.0007	0.0054
Urban	LDV	LDT1	LDT2	LDT3	LDT4	HDV2B	HDV3	HDV4
Interstate	0.2932	0.0894	0.2975	0.0916	0.0421	0.0582	0.0057	0.0048
Freeway	0.3189	0.0973	0.3237	0.0997	0.0458	0.0351	0.0034	0.0029
Princ. Art.	0.3287	0.1003	0.3336	0.1028	0.0473	0.0263	0.0026	0.0022
Minor Art	0.3371	0.1028	0.342	0.1054	0.0484	0.0188	0.0018	0.0015
Coll	0.3399	0.1037	0.3449	0.1062	0.0489	0.0163	0.0016	0.0013
Local	0.3322	0.1013	0.337	0.1038	0.0477	0.0233	0.0023	0.0019
Urban	HDV5	HDV6	HDV7	HDV8a	HDV8b	HDBS	HDBT	MC
Interstate	0.0036	0.0131	0.0153	0.0167	0.0595	0.003	0.0015	0.0048
Freeway	0.0022	0.0079	0.0092	0.01	0.0359	0.0018	0.0009	0.0053
Princ. Art.	0.0016	0.0059	0.0069	0.0075	0.0269	0.0013	0.0007	0.0054
Minor Art	0.0012	0.0042	0.005	0.0054	0.0193	0.001	0.0005	0.0056
Coll	0.001	0.0037	0.0043	0.0047	0.0167	0.0008	0.0004	0.0056
Local	0.0014	0.0052	0.0061	0.0067	0.0238	0.0012	0.0006	0.0055

## 2017 State Vehicle Mix

Rural	LDV	LDT1	LDT2	LDT3	LDT4	HDV2B	HDV3	HDV4
Interstate	0.2289	0.0771	0.2568	0.0791	0.0364	0.1018	0.0101	0.0086
Princ. Art.	0.2868	0.0966	0.3219	0.0992	0.0456	0.0464	0.0046	0.0039
Minor Art.	0.2963	0.0998	0.3324	0.1024	0.0471	0.0374	0.0037	0.0032
Major Collector	0.3055	0.103	0.3429	0.1057	0.0486	0.0285	0.0028	0.0024
Minor Collector	0.3051	0.1028	0.3424	0.1055	0.0485	0.029	0.0029	0.0024
Local	0.3058	0.103	0.343	0.1057	0.0486	0.0284	0.0028	0.0024
Rural	HDV5	HDV6	HDV7	HDV8a	HDV8b	HDBS	HDBT	MC
Interstate	0.0062	0.0228	0.027	0.0293	0.1041	0.0052	0.0026	0.004
Princ. Art.	0.0028	0.0104	0.0123	0.0134	0.0475	0.0024	0.0012	0.005
Minor Art.	0.0023	0.0084	0.0099	0.0108	0.0383	0.0019	0.001	0.0051
Major Collector	0.0017	0.0064	0.0076	0.0082	0.0292	0.0015	0.0007	0.0053
Minor Collector	0.0018	0.0065	0.0077	0.0083	0.0296	0.0015	0.0007	0.0053
Local	0.0017	0.0064	0.0075	0.0082	0.0291	0.0014	0.0007	0.0053
Urban	LDV	LDT1	LDT2	LDT3	LDT4	HDV2B	HDV3	HDV4
Interstate	0.2744	0.0925	0.3082	0.095	0.0437	0.0581	0.0058	0.0049
Freeway	0.2987	0.1007	0.3353	0.1033	0.0475	0.035	0.0035	0.0029
Princ. Art.	0.3079	0.1038	0.3456	0.1065	0.049	0.0262	0.0026	0.0022
Minor Art	0.3156	0.1064	0.3543	0.1092	0.0502	0.0188	0.0019	0.0016
Coll	0.3184	0.1073	0.3573	0.1101	0.0506	0.0163	0.0016	0.0014
Local	0.3109	0.1048	0.3491	0.1076	0.0495	0.0233	0.0023	0.002
Urban	HDV5	HDV6	HDV7	HDV8a	HDV8b	HDBS	HDBT	MC
Interstate	0.0036	0.013	0.0154	0.0167	0.0594	0.003	0.0015	0.0048
Freeway	0.0021	0.0079	0.0093	0.0101	0.0358	0.0018	0.0009	0.0052
Princ. Art.	0.0016	0.0059	0.007	0.0076	0.0268	0.0013	0.0007	0.0053
Minor Art	0.0012	0.0042	0.005	0.0054	0.0192	0.001	0.0005	0.0055
Coll	0.001	0.0037	0.0043	0.0047	0.0166	0.0008	0.0004	0.0055
Local	0.0014	0.0052	0.0062	0.0067	0.0238	0.0012	0.0006	0.0054

## 5.4 NONROAD2005 MODEL – CHANGES

### SEASONALITY DATA INPUT FILE

#### **SEASON.DAT**

This file contains the seasonality (temporal adjustment data) used by the NONROAD model. These data are used to convert tons/year calculated by the model to the arbitrary time period specified by the model. A description of each packet appears below.

NOTE: If no data for an equipment type can be found in this file, the default values will be used for temporal allocation. The default values represent a flat temporal activity profile.

9/16/05, 11b, EPA updates construction seasons per 2003 McGraw-Hill county-month const dollar values.

9/28/05, 11c, EPA updates US Total Seasonal Allocations per new Geographic ALO and new Const Seasonal allocations.

Jan 13,2006- Matt Mahler changed region assigned to NC from MidAtlantic to SE.

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The following packet defines the states/counties in each geographic region. The region code is arbitrary but the FIPS code must be a valid state or county FIPS code. If a state code is supplied, all counties in that state will be included in the indicated region, unless overridden by a county-specific record. If a state or county is not listed under any region, only data records with a global region code (all blanks) will be used for that state or county.

The format is as follows:

```
1- 5  character    -- user defined region code
6-45  character    -- region description (not used)
46-50 character    -- state or county FIPS code
51-70 character    -- state or county name (not used)
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#### /REGIONS/

US	National	00000	Nation
SE	Southeast	01000	Alabama
MW	Great Lakes/Midwest	02000	Alaska
SW	Southwest	04000	Arizona
SC	South Central	05000	Arkansas
WCST	West Coast	06000	California
RCKMT	Rocky Mountains	08000	Colorado
MIDAT	Mid-Atlantic	09000	Connecticut
MIDAT	Mid-Atlantic	10000	Delaware
SE	Southeast	12000	Florida
SE	Southeast	13000	Georgia
WCST	West Coast	15000	Hawaii
NW	Northwest	16000	Idaho
MW	Great Lakes/Midwest	17000	Illinois
MW	Great Lakes/Midwest	18000	Indiana
MW	Great Lakes/Midwest	19000	Iowa
CW	Central West	20000	Kansas
SC	South Central	21000	Kentucky
SE	Southeast	22000	Louisiana

NE	Northeast/New England	23000	Maine
MIDAT	Mid-Atlantic	24000	Maryland
NE	Northeast/New England	25000	Massachusetts
MW	Great Lakes/Midwest	26000	Michigan
MW	Great Lakes/Midwest	27000	Minnesota
SE	Southeast	28000	Mississippi
MW	Great Lakes/Midwest	29000	Missouri
NW	Northwest	30000	Montana
CW	Central West	31000	Nebraska
CW	Central West	32000	Nevada
NE	Northeast/New England	33000	New Hampshire
MIDAT	Mid-Atlantic	34000	New Jersey
SW	Southwest	35000	New Mexico
NE	Northeast/New England	36000	New York
SE	Southeast	37000	North Carolina
MW	Great Lakes/Midwest	38000	North Dakota
MW	Great Lakes/Midwest	39000	Ohio
SC	South Central	40000	Oklahoma
NW	Northwest	41000	Oregon
MIDAT	Mid-Atlantic	42000	Pennsylvania
MIDAT	Mid-Atlantic	44000	Rhode Island
SE	Southeast	45000	South Carolina
MW	Great Lakes/Midwest	46000	South Dakota
SC	South Central	47000	Tennessee
SW	Southwest	48000	Texas
CW	Central West	49000	Utah
NE	Northeast/New England	50000	Vermont
MIDAT	Mid-Atlantic	51000	Virginia
NW	Northwest	53000	Washington
MIDAT	Mid-Atlantic	11000	Washington D.C.
MIDAT	Mid-Atlantic	54000	West Virginia
MW	Great Lakes/Midwest	55000	Wisconsin
RCKMT	Rocky Mountains	56000	Wyoming
SE	Southeast	72000	Puerto Rico
SE	Southeast	78000	US Virgin Islands

/END/

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The following packet contains the monthly adjustment factors.  
The factors are fraction of annual activity occurring in the given  
month. For periods longer than a single month (e.g. season)  
the factors from each month spanned by the period will be  
summed.

Global SCC codes can be used and the model will find the best  
match.

A blank region code will apply to all states and counties.

The model will also find the best match on subregion code.

The format is as follows:

1-	5	character	-- subregion code (blank = match all)
7-	16	character	-- SCC code (global codes are acceptable)
18-	51	character	-- equipment description (not used)
52-	61	real	-- fraction of annual activity in January
62-	71	real	-- fraction of annual activity in February
72-	81	real	-- fraction of annual activity in March

82- 91	real	-- fraction of annual activity in April
92-101	real	-- fraction of annual activity in May
102-111	real	-- fraction of annual activity in June
112-121	real	-- fraction of annual activity in July
122-131	real	-- fraction of annual activity in August
132-141	real	-- fraction of annual activity in September
142-151	real	-- fraction of annual activity in October
152-161	real	-- fraction of annual activity in November
162-171	real	-- fraction of annual activity in December

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/MONTHLY/

CW	2260000000	Average				0.081	0.081	0.075	0.075
0.075	0.101	0.101	0.101	0.075	0.075	0.075	0.081		
CW	2260001000	Recreational Equipment				0.027	0.027	0.08	0.08
0.08	0.147	0.147	0.147	0.08	0.08	0.08	0.027		
CW	2260001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
CW	2260002000	Construction				0.070	0.070	0.089	0.089
0.089	0.094	0.094	0.094	0.080	0.080	0.080	0.070		
CW	2260003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2260004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.09	0.09
0.09	0.133	0.133	0.133	0.09	0.09	0.09	0.02		
CW	2260004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2260004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2260004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
CW	2260004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
CW	2260005000	Agricultural				0.02	0.02	0.09	0.09
0.09	0.133	0.133	0.133	0.09	0.09	0.09	0.02		
CW	2260006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2260007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2260008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2265000000	Average				0.081	0.081	0.075	0.075
0.075	0.101	0.101	0.101	0.075	0.075	0.075	0.081		
CW	2265001000	Recreational Equipment				0.027	0.027	0.08	0.08
0.08	0.147	0.147	0.147	0.08	0.08	0.08	0.027		
CW	2265001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
CW	2265002000	Construction				0.070	0.070	0.089	0.089
0.089	0.094	0.094	0.094	0.080	0.080	0.080	0.070		
CW	2265003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2265004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.09	0.09
0.09	0.133	0.133	0.133	0.09	0.09	0.09	0.02		
CW	2265004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2265004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2265004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
CW	2265004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
CW	2265005000	Agricultural				0.02	0.02	0.09	0.09
0.09	0.133	0.133	0.133	0.09	0.09	0.09	0.02		

CW	2265006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2265007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		0.083
CW	2265008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		0.083
CW	2267000000	Average				0.081	0.081	0.075	0.075
0.075	0.101	0.101	0.101	0.075	0.075	0.075	0.081		
CW	2267001000	Recreational Equipment				0.027	0.027	0.08	0.08
0.08	0.147	0.147	0.147	0.08	0.08	0.08	0.027		
CW	2267001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
CW	2267002000	Construction				0.070	0.070	0.089	0.089
0.089	0.094	0.094	0.094	0.080	0.080	0.080	0.070		
CW	2267003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2267004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.09	0.09
0.09	0.133	0.133	0.133	0.09	0.09	0.09	0.02		
CW	2267004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2267004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2267004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
CW	2267004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
CW	2267005000	Agricultural				0.02	0.02	0.09	0.09
0.09	0.133	0.133	0.133	0.09	0.09	0.09	0.02		
CW	2267006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2267007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2267008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2268000000	Average				0.081	0.081	0.075	0.075
0.075	0.101	0.101	0.101	0.075	0.075	0.075	0.081		
CW	2268001000	Recreational Equipment				0.027	0.027	0.08	0.08
0.08	0.147	0.147	0.147	0.08	0.08	0.08	0.027		
CW	2268001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
CW	2268002000	Construction				0.070	0.070	0.089	0.089
0.089	0.094	0.094	0.094	0.080	0.080	0.080	0.070		
CW	2268003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2268004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.09	0.09
0.09	0.133	0.133	0.133	0.09	0.09	0.09	0.02		
CW	2268004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2268004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2268004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
CW	2268004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
CW	2268005000	Agricultural				0.02	0.02	0.09	0.09
0.09	0.133	0.133	0.133	0.09	0.09	0.09	0.02		
CW	2268006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2268007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2268008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2270000000	Average				0.081	0.081	0.075	0.075
0.075	0.101	0.101	0.101	0.075	0.075	0.075	0.081		

CW	2270001000	Recreational Equipment				0.027	0.027	0.08	0.08
0.08	0.147	0.147	0.147	0.08	0.08	0.08	0.027		
CW	2270001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
CW	2270002000	Construction				0.070	0.070	0.089	0.089
0.089	0.094	0.094	0.094	0.080	0.080	0.080	0.070		
CW	2270003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2270004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.09	0.09
0.09	0.133	0.133	0.133	0.09	0.09	0.09	0.02		
CW	2270004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2270004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2270004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
CW	2270004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
CW	2270005000	Agricultural				0.02	0.02	0.09	0.09
0.09	0.133	0.133	0.133	0.09	0.09	0.09	0.02		
CW	2270006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2270007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2270008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2280000000	Commercial Marine				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
CW	2282000000	Recreational Marine				0.023	0.023	0.075	0.075
0.075	0.16	0.16	0.16	0.075	0.075	0.075	0.023		
CW	2285000000	Railway Maintenance				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2260000000	Average				0.08	0.08	0.074	0.074
0.074	0.103	0.103	0.103	0.074	0.074	0.074	0.08		
MIDAT	2260001000	Recreational Equipment				0.04	0.04	0.078	0.078
0.078	0.137	0.137	0.137	0.078	0.078	0.078	0.04		
MIDAT	2260001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MIDAT	2260002000	Construction				0.072	0.072	0.079	0.079
0.079	0.098	0.098	0.098	0.085	0.085	0.085	0.072		
MIDAT	2260003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2260004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.09	0.09
0.09	0.133	0.133	0.133	0.09	0.09	0.09	0.02		
MIDAT	2260004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2260004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2260004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MIDAT	2260004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MIDAT	2260005000	Agricultural				0.02	0.02	0.09	0.09
0.09	0.133	0.133	0.133	0.09	0.09	0.09	0.02		
MIDAT	2260006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2260007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2260008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2265000000	Average				0.08	0.08	0.074	0.074
0.074	0.103	0.103	0.103	0.074	0.074	0.074	0.08		
MIDAT	2265001000	Recreational Equipment				0.04	0.04	0.078	0.078
0.078	0.137	0.137	0.137	0.078	0.078	0.078	0.04		

MIDAT	2265001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MIDAT	2265002000	Construction				0.072	0.072	0.079	0.079
0.079	0.098	0.098	0.098	0.085	0.085	0.085	0.072		
MIDAT	2265003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2265004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.09	0.09
0.09	0.133	0.133	0.133	0.09	0.09	0.09	0.02		
MIDAT	2265004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2265004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2265004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MIDAT	2265004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MIDAT	2265005000	Agricultural				0.02	0.02	0.09	0.09
0.09	0.133	0.133	0.133	0.09	0.09	0.09	0.02		
MIDAT	2265006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2265007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2265008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2267000000	Average				0.08	0.08	0.074	0.074
0.074	0.103	0.103	0.103	0.074	0.074	0.074	0.08		
MIDAT	2267001000	Recreational Equipment				0.04	0.04	0.078	0.078
0.078	0.137	0.137	0.137	0.078	0.078	0.078	0.04		
MIDAT	2267001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MIDAT	2267002000	Construction				0.072	0.072	0.079	0.079
0.079	0.098	0.098	0.098	0.085	0.085	0.085	0.072		
MIDAT	2267003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2267004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.09	0.09
0.09	0.133	0.133	0.133	0.09	0.09	0.09	0.02		
MIDAT	2267004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2267004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2267004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MIDAT	2267004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MIDAT	2267005000	Agricultural				0.02	0.02	0.09	0.09
0.09	0.133	0.133	0.133	0.09	0.09	0.09	0.02		
MIDAT	2267006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2267007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2267008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2268000000	Average				0.08	0.08	0.074	0.074
0.074	0.103	0.103	0.103	0.074	0.074	0.074	0.08		
MIDAT	2268001000	Recreational Equipment				0.04	0.04	0.078	0.078
0.078	0.137	0.137	0.137	0.078	0.078	0.078	0.04		
MIDAT	2268001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MIDAT	2268002000	Construction				0.072	0.072	0.079	0.079
0.079	0.098	0.098	0.098	0.085	0.085	0.085	0.072		
MIDAT	2268003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2268004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.09	0.09
0.09	0.133	0.133	0.133	0.09	0.09	0.09	0.02		

MIDAT	2268004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083
MIDAT	2268004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083
MIDAT	2268004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MIDAT	2268004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MIDAT	2268005000	Agricultural				0.02	0.02	0.09	0.09
0.09	0.133	0.133	0.133	0.09	0.09	0.09	0.02		
MIDAT	2268006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2268007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2268008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2270000000	Average				0.08	0.08	0.074	0.074
0.074	0.103	0.103	0.103	0.074	0.074	0.074	0.08		
MIDAT	2270001000	Recreational Equipment				0.04	0.04	0.078	0.078
0.078	0.137	0.137	0.137	0.078	0.078	0.078	0.04		
MIDAT	2270001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MIDAT	2270002000	Construction				0.072	0.072	0.079	0.079
0.079	0.098	0.098	0.098	0.085	0.085	0.085	0.072		
MIDAT	2270003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2270004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.09	0.09
0.09	0.133	0.133	0.133	0.09	0.09	0.09	0.02		
MIDAT	2270004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2270004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2270004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MIDAT	2270004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MIDAT	2270005000	Agricultural				0.02	0.02	0.09	0.09
0.09	0.133	0.133	0.133	0.09	0.09	0.09	0.02		
MIDAT	2270006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2270007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2270008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2280000000	Commercial Marine				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MIDAT	2282000000	Recreational Marine				0.007	0.007	0.068	0.068
0.068	0.19	0.19	0.19	0.068	0.068	0.068	0.007		
MIDAT	2285000000	Railway Maintenance				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2260000000	Average				0.076	0.076	0.07	0.07
0.07	0.118	0.118	0.118	0.07	0.07	0.07	0.076		
MW	2260001000	Recreational Equipment				0.027	0.027	0.077	0.077
0.077	0.153	0.153	0.153	0.077	0.077	0.077	0.027		
MW	2260001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MW	2260002000	Construction				0.061	0.061	0.089	0.089
0.089	0.099	0.099	0.099	0.086	0.086	0.086	0.061		
MW	2260003000	Industrial				0.067	0.067	0.083	0.083
0.083	0.1	0.1	0.1	0.083	0.083	0.083	0.067		
MW	2260004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
MW	2260004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		

MW	2260004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2260004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MW	2260004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MW	2260005000	Agricultural				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
MW	2260006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2260007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2260008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2265000000	Average				0.076	0.076	0.07	0.07
0.07	0.118	0.118	0.118	0.07	0.07	0.07	0.076		
MW	2265001000	Recreational Equipment				0.027	0.027	0.077	0.077
0.077	0.153	0.153	0.153	0.077	0.077	0.077	0.027		
MW	2265001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MW	2265002000	Construction				0.061	0.061	0.089	0.089
0.089	0.099	0.099	0.099	0.086	0.086	0.086	0.061		
MW	2265003000	Industrial				0.067	0.067	0.083	0.083
0.083	0.1	0.1	0.1	0.083	0.083	0.083	0.067		
MW	2265004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
MW	2265004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2265004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2265004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MW	2265004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MW	2265005000	Agricultural				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
MW	2265006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2265007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2265008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2267000000	Average				0.076	0.076	0.07	0.07
0.07	0.118	0.118	0.118	0.07	0.07	0.07	0.076		
MW	2267001000	Recreational Equipment				0.027	0.027	0.077	0.077
0.077	0.153	0.153	0.153	0.077	0.077	0.077	0.027		
MW	2267001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MW	2267002000	Construction				0.061	0.061	0.089	0.089
0.089	0.099	0.099	0.099	0.086	0.086	0.086	0.061		
MW	2267003000	Industrial				0.067	0.067	0.083	0.083
0.083	0.1	0.1	0.1	0.083	0.083	0.083	0.067		
MW	2267004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
MW	2267004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2267004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2267004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MW	2267004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MW	2267005000	Agricultural				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		

MW	2267006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2267007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2267008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2268000000	Average				0.076	0.076	0.07	0.07
0.07	0.118	0.118	0.118	0.07	0.07	0.07	0.076		
MW	2268001000	Recreational Equipment				0.027	0.027	0.077	0.077
0.077	0.153	0.153	0.153	0.077	0.077	0.077	0.027		
MW	2268001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MW	2268002000	Construction				0.061	0.061	0.089	0.089
0.089	0.099	0.099	0.099	0.086	0.086	0.086	0.061		
MW	2268003000	Industrial				0.067	0.067	0.083	0.083
0.083	0.1	0.1	0.1	0.083	0.083	0.083	0.067		
MW	2268004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
MW	2268004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2268004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2268004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MW	2268004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MW	2268005000	Agricultural				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
MW	2268006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2268007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2268008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2270000000	Average				0.076	0.076	0.07	0.07
0.07	0.118	0.118	0.118	0.07	0.07	0.07	0.076		
MW	2270001000	Recreational Equipment				0.027	0.027	0.077	0.077
0.077	0.153	0.153	0.153	0.077	0.077	0.077	0.027		
MW	2270001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MW	2270002000	Construction				0.061	0.061	0.089	0.089
0.089	0.099	0.099	0.099	0.086	0.086	0.086	0.061		
MW	2270003000	Industrial				0.067	0.067	0.083	0.083
0.083	0.1	0.1	0.1	0.083	0.083	0.083	0.067		
MW	2270004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
MW	2270004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2270004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2270004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MW	2270004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
MW	2270005000	Agricultural				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
MW	2270006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2270007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2270008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
MW	2280000000	Commercial Marine				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		

MW	2282000000	Recreational Marine				0	0	0.05	0.05
0.05	0.233	0.233	0.233	0.05	0.05	0.05	0		
MW	2285000000	Railway Maintenance				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2260000000	Average				0.078	0.078	0.069	0.069
0.069	0.117	0.117	0.117	0.069	0.069	0.069	0.078		
NE	2260001000	Recreational Equipment				0.047	0.047	0.07	0.07
0.07	0.146	0.146	0.146	0.07	0.07	0.07	0.047		
NE	2260001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NE	2260002000	Construction				0.059	0.059	0.093	0.093
0.093	0.095	0.095	0.095	0.086	0.086	0.086	0.059		
NE	2260003000	Industrial				0.067	0.067	0.083	0.083
0.083	0.1	0.1	0.1	0.083	0.083	0.083	0.067		
NE	2260004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
NE	2260004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2260004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2260004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NE	2260004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NE	2260005000	Agricultural				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
NE	2260006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2260007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2260008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2265000000	Average				0.078	0.078	0.069	0.069
0.069	0.117	0.117	0.117	0.069	0.069	0.069	0.078		
NE	2265001000	Recreational Equipment				0.047	0.047	0.07	0.07
0.07	0.146	0.146	0.146	0.07	0.07	0.07	0.047		
NE	2265001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NE	2265002000	Construction				0.059	0.059	0.093	0.093
0.093	0.095	0.095	0.095	0.086	0.086	0.086	0.059		
NE	2265003000	Industrial				0.067	0.067	0.083	0.083
0.083	0.1	0.1	0.1	0.083	0.083	0.083	0.067		
NE	2265004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
NE	2265004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2265004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2265004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NE	2265004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NE	2265005000	Agricultural				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
NE	2265006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2265007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2265008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2267000000	Average				0.078	0.078	0.069	0.069
0.069	0.117	0.117	0.117	0.069	0.069	0.069	0.078		
NE	2267001000	Recreational Equipment				0.047	0.047	0.07	0.07
0.07	0.146	0.146	0.146	0.07	0.07	0.07	0.047		

NE	2267001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NE	2267002000	Construction				0.059	0.059	0.093	0.093
0.093	0.095	0.095	0.095	0.086	0.086	0.086	0.059		
NE	2267003000	Industrial				0.067	0.067	0.083	0.083
0.083	0.1	0.1	0.1	0.083	0.083	0.083	0.067		
NE	2267004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
NE	2267004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2267004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2267004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NE	2267004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NE	2267005000	Agricultural				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
NE	2267006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2267007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2267008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2268000000	Average				0.078	0.078	0.069	0.069
0.069	0.117	0.117	0.117	0.069	0.069	0.069	0.078		
NE	2268001000	Recreational Equipment				0.047	0.047	0.07	0.07
0.07	0.146	0.146	0.146	0.07	0.07	0.07	0.047		
NE	2268001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NE	2268002000	Construction				0.059	0.059	0.093	0.093
0.093	0.095	0.095	0.095	0.086	0.086	0.086	0.059		
NE	2268003000	Industrial				0.067	0.067	0.083	0.083
0.083	0.1	0.1	0.1	0.083	0.083	0.083	0.067		
NE	2268004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
NE	2268004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2268004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2268004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NE	2268004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NE	2268005000	Agricultural				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
NE	2268006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2268007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2268008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2270000000	Average				0.078	0.078	0.069	0.069
0.069	0.117	0.117	0.117	0.069	0.069	0.069	0.078		
NE	2270001000	Recreational Equipment				0.047	0.047	0.07	0.07
0.07	0.146	0.146	0.146	0.07	0.07	0.07	0.047		
NE	2270001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NE	2270002000	Construction				0.059	0.059	0.093	0.093
0.093	0.095	0.095	0.095	0.086	0.086	0.086	0.059		
NE	2270003000	Industrial				0.067	0.067	0.083	0.083
0.083	0.1	0.1	0.1	0.083	0.083	0.083	0.067		
NE	2270004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		

NE	2270004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083
NE	2270004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083
NE	2270004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NE	2270004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NE	2270005000	Agricultural				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
NE	2270006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2270007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2270008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2280000000	Commercial Marine				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NE	2282000000	Recreational Marine				0.003	0.003	0.052	0.052
0.052	0.23	0.23	0.23	0.052	0.052	0.052	0.003		
NE	2285000000	Railway Maintenance				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2260000000	Average				0.077	0.077	0.071	0.071
0.071	0.113	0.113	0.113	0.071	0.071	0.071	0.077		
NW	2260001000	Recreational Equipment				0.043	0.043	0.073	0.073
0.073	0.143	0.143	0.143	0.073	0.073	0.073	0.043		
NW	2260001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NW	2260002000	Construction				0.069	0.069	0.081	0.081
0.081	0.102	0.102	0.102	0.080	0.080	0.080	0.069		
NW	2260003000	Industrial				0.067	0.067	0.083	0.083
0.083	0.1	0.1	0.1	0.083	0.083	0.083	0.067		
NW	2260004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
NW	2260004020	Lawn and garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2260004021	Lawn and garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2260004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NW	2260004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NW	2260005000	Agricultural				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
NW	2260006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2260007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2260008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2265000000	Average				0.077	0.077	0.071	0.071
0.071	0.113	0.113	0.113	0.071	0.071	0.071	0.077		
NW	2265001000	Recreational Equipment				0.037	0.037	0.075	0.075
0.075	0.147	0.147	0.147	0.075	0.075	0.075	0.037		
NW	2265001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NW	2265002000	Construction				0.069	0.069	0.081	0.081
0.081	0.102	0.102	0.102	0.080	0.080	0.080	0.069		
NW	2265003000	Industrial				0.067	0.067	0.083	0.083
0.083	0.1	0.1	0.1	0.083	0.083	0.083	0.067		
NW	2265004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
NW	2265004020	Lawn and garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		

NW	2265004021	Lawn and garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2265004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NW	2265004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NW	2265005000	Agricultural				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
NW	2265006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2265007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2265008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2267000000	Average				0.077	0.077	0.071	0.071
0.071	0.113	0.113	0.113	0.071	0.071	0.071	0.077		
NW	2267001000	Recreational Equipment				0.037	0.037	0.075	0.075
0.075	0.147	0.147	0.147	0.075	0.075	0.075	0.037		
NW	2267001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NW	2267002000	Construction				0.069	0.069	0.081	0.081
0.081	0.102	0.102	0.102	0.080	0.080	0.080	0.069		
NW	2267003000	Industrial				0.067	0.067	0.083	0.083
0.083	0.1	0.1	0.1	0.083	0.083	0.083	0.067		
NW	2267004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
NW	2267004020	Lawn and garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2267004021	Lawn and garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2267004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NW	2267004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NW	2267005000	Agricultural				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
NW	2267006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2267007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2267008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2268000000	Average				0.077	0.077	0.071	0.071
0.071	0.113	0.113	0.113	0.071	0.071	0.071	0.077		
NW	2268001000	Recreational Equipment				0.037	0.037	0.075	0.075
0.075	0.147	0.147	0.147	0.075	0.075	0.075	0.037		
NW	2268001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NW	2268002000	Construction				0.069	0.069	0.081	0.081
0.081	0.102	0.102	0.102	0.080	0.080	0.080	0.069		
NW	2268003000	Industrial				0.067	0.067	0.083	0.083
0.083	0.1	0.1	0.1	0.083	0.083	0.083	0.067		
NW	2268004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
NW	2268004020	Lawn and garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2268004021	Lawn and garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2268004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NW	2268004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NW	2268005000	Agricultural				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		

NW	2268006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2268007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2268008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2270000000	Average				0.077	0.077	0.071	0.071
0.071	0.113	0.113	0.113	0.071	0.071	0.071	0.077		
NW	2270001000	Recreational Equipment				0.037	0.037	0.075	0.075
0.075	0.147	0.147	0.147	0.075	0.075	0.075	0.037		
NW	2270001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NW	2270002000	Construction				0.069	0.069	0.081	0.081
0.081	0.102	0.102	0.102	0.080	0.080	0.080	0.069		
NW	2270003000	Industrial				0.067	0.067	0.083	0.083
0.083	0.1	0.1	0.1	0.083	0.083	0.083	0.067		
NW	2270004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
NW	2270004020	Lawn and garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2270004021	Lawn and garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2270004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NW	2270004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
NW	2270005000	Agricultural				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
NW	2270006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2270007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2270008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2280000000	Commercial Marine				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
NW	2282000000	Recreational Marine				0.016	0.016	0.063	0.063
0.063	0.19	0.19	0.19	0.063	0.063	0.063	0.016		
NW	2285000000	Railway Maintenance				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2260000000	Average				0.076	0.076	0.07	0.07
0.07	0.117	0.117	0.117	0.07	0.07	0.07	0.076		
RCKMT	2260001000	Recreational Equipment				0.027	0.027	0.08	0.08
0.08	0.147	0.147	0.147	0.08	0.08	0.08	0.027		
RCKMT	2260001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
RCKMT	2260002000	Construction				0.066	0.066	0.079	0.079
0.079	0.100	0.100	0.100	0.089	0.089	0.089	0.066		
RCKMT	2260003000	Industrial				0.067	0.067	0.083	0.083
0.083	0.1	0.1	0.1	0.083	0.083	0.083	0.067		
RCKMT	2260004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
RCKMT	2260004020	Lawn and garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2260004021	Lawn and garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2260004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
RCKMT	2260004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
RCKMT	2260005000	Agricultural				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
RCKMT	2260006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		

RCKMT	2260007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2260008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2265000000	Average				0.076	0.076	0.07	0.07
0.07	0.117	0.117	0.117	0.07	0.07	0.07	0.076		
RCKMT	2265001000	Recreational Equipment				0.027	0.027	0.08	0.08
0.08	0.147	0.147	0.147	0.08	0.08	0.08	0.027		
RCKMT	2265001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
RCKMT	2265002000	Construction				0.066	0.066	0.079	0.079
0.079	0.100	0.100	0.100	0.089	0.089	0.089	0.066		
RCKMT	2265003000	Industrial				0.067	0.067	0.083	0.083
0.083	0.1	0.1	0.1	0.083	0.083	0.083	0.067		
RCKMT	2265004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
RCKMT	2265004020	Lawn and garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2265004021	Lawn and garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2265004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
RCKMT	2265004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
RCKMT	2265005000	Agricultural				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
RCKMT	2265006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2265007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2265008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2267000000	Average				0.076	0.076	0.07	0.07
0.07	0.117	0.117	0.117	0.07	0.07	0.07	0.076		
RCKMT	2267001000	Recreational Equipment				0.027	0.027	0.08	0.08
0.08	0.147	0.147	0.147	0.08	0.08	0.08	0.027		
RCKMT	2267001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
RCKMT	2267002000	Construction				0.066	0.066	0.079	0.079
0.079	0.100	0.100	0.100	0.089	0.089	0.089	0.066		
RCKMT	2267003000	Industrial				0.067	0.067	0.083	0.083
0.083	0.1	0.1	0.1	0.083	0.083	0.083	0.067		
RCKMT	2267004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
RCKMT	2267004020	Lawn and garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2267004021	Lawn and garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2267004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
RCKMT	2267004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
RCKMT	2267005000	Agricultural				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
RCKMT	2267006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2267007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2267008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2268000000	Average				0.076	0.076	0.07	0.07
0.07	0.117	0.117	0.117	0.07	0.07	0.07	0.076		
RCKMT	2268001000	Recreational Equipment				0.027	0.027	0.08	0.08
0.08	0.147	0.147	0.147	0.08	0.08	0.08	0.027		

RCKMT	2268001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
RCKMT	2268002000	Construction				0.066	0.066	0.079	0.079
0.079	0.100	0.100	0.100	0.089	0.089	0.089	0.066		
RCKMT	2268003000	Industrial				0.067	0.067	0.083	0.083
0.083	0.1	0.1	0.1	0.083	0.083	0.083	0.067		
RCKMT	2268004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
RCKMT	2268004020	Lawn and garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2268004021	Lawn and garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2268004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
RCKMT	2268004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
RCKMT	2268005000	Agricultural				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
RCKMT	2268006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2268007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2268008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2270000000	Average				0.076	0.076	0.07	0.07
0.07	0.117	0.117	0.117	0.07	0.07	0.07	0.076		
RCKMT	2270001000	Recreational Equipment				0.027	0.027	0.08	0.08
0.08	0.147	0.147	0.147	0.08	0.08	0.08	0.027		
RCKMT	2270001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
RCKMT	2270002000	Construction				0.066	0.066	0.079	0.079
0.079	0.100	0.100	0.100	0.089	0.089	0.089	0.066		
RCKMT	2270003000	Industrial				0.067	0.067	0.083	0.083
0.083	0.1	0.1	0.1	0.083	0.083	0.083	0.067		
RCKMT	2270004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
RCKMT	2270004020	Lawn and garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2270004021	Lawn and garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2270004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
RCKMT	2270004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
RCKMT	2270005000	Agricultural				0.02	0.02	0.073	0.073
0.073	0.167	0.167	0.167	0.073	0.073	0.073	0.02		
RCKMT	2270006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2270007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2270008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2280000000	Commercial Marine				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
RCKMT	2282000000	Recreational Marine				0	0	0.052	0.052
0.052	0.23	0.23	0.23	0.052	0.052	0.052	0		
RCKMT	2285000000	Railway Maintenance				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2260000000	Average				0.084	0.084	0.077	0.077
0.077	0.094	0.094	0.094	0.077	0.077	0.077	0.084		
SC	2260001000	Recreational Equipment				0.05	0.05	0.082	0.082
0.082	0.12	0.12	0.12	0.082	0.082	0.082	0.05		
SC	2260001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		

SC	2260002000	Construction				0.068	0.068	0.092	0.092
0.092	0.091	0.091	0.091	0.082	0.082	0.082	0.068		
SC	2260003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2260004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SC	2260004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2260004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2260004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SC	2260004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SC	2260005000	Agricultural				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SC	2260006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2260007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2260008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2265000000	Average				0.084	0.084	0.077	0.077
0.077	0.094	0.094	0.094	0.077	0.077	0.077	0.084		
SC	2265001000	Recreational Equipment				0.05	0.05	0.082	0.082
0.082	0.12	0.12	0.12	0.082	0.082	0.082	0.05		
SC	2265001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SC	2265002000	Construction				0.068	0.068	0.092	0.092
0.092	0.091	0.091	0.091	0.082	0.082	0.082	0.068		
SC	2265003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2265004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SC	2265004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2265004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2265004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SC	2265004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SC	2265005000	Agricultural				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SC	2265006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2265007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2265008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2267000000	Average				0.084	0.084	0.077	0.077
0.077	0.094	0.094	0.094	0.077	0.077	0.077	0.084		
SC	2267001000	Recreational Equipment				0.05	0.05	0.082	0.082
0.082	0.12	0.12	0.12	0.082	0.082	0.082	0.05		
SC	2267001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SC	2267002000	Construction				0.068	0.068	0.092	0.092
0.092	0.091	0.091	0.091	0.082	0.082	0.082	0.068		
SC	2267003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2267004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SC	2267004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		

SC	2267004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2267004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SC	2267004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SC	2267005000	Agricultural				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SC	2267006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2267007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2267008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2268000000	Average				0.084	0.084	0.077	0.077
0.077	0.094	0.094	0.094	0.077	0.077	0.077	0.084		
SC	2268001000	Recreational Equipment				0.05	0.05	0.082	0.082
0.082	0.12	0.12	0.12	0.082	0.082	0.082	0.05		
SC	2268001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SC	2268002000	Construction				0.068	0.068	0.092	0.092
0.092	0.091	0.091	0.091	0.082	0.082	0.082	0.068		
SC	2268003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2268004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SC	2268004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2268004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2268004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SC	2268004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SC	2268005000	Agricultural				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SC	2268006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2268007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2268008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2270000000	Average				0.084	0.084	0.077	0.077
0.077	0.094	0.094	0.094	0.077	0.077	0.077	0.084		
SC	2270001000	Recreational Equipment				0.05	0.05	0.082	0.082
0.082	0.12	0.12	0.12	0.082	0.082	0.082	0.05		
SC	2270001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SC	2270002000	Construction				0.068	0.068	0.092	0.092
0.092	0.091	0.091	0.091	0.082	0.082	0.082	0.068		
SC	2270003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2270004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SC	2270004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2270004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2270004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SC	2270004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SC	2270005000	Agricultural				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		

SC	2270006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2270007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2270008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2280000000	Commercial Marine				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SC	2282000000	Recreational Marine				0.023	0.023	0.075	0.075
0.075	0.16	0.16	0.16	0.075	0.075	0.075	0.023		
SC	2285000000	Railway Maintenance				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2260000000	Average				0.085	0.085	0.077	0.077
0.077	0.093	0.093	0.093	0.077	0.077	0.077	0.085		
SE	2260001000	Recreational Equipment				0.057	0.057	0.08	0.08
0.08	0.117	0.117	0.117	0.08	0.08	0.08	0.057		
SE	2260001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SE	2260002000	Construction				0.078	0.078	0.080	0.080
0.080	0.089	0.089	0.089	0.086	0.086	0.086	0.078		
SE	2260003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2260004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SE	2260004020	Lawn and Garden Chainswas				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2260004021	Lawn and Garden Chainswas				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2260004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SE	2260004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SE	2260005000	Agricultural				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SE	2260006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2260007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2260008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2265000000	Average				0.085	0.085	0.077	0.077
0.077	0.093	0.093	0.093	0.077	0.077	0.077	0.085		
SE	2265001000	Recreational Equipment				0.057	0.057	0.08	0.08
0.08	0.117	0.117	0.117	0.08	0.08	0.08	0.057		
SE	2265001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SE	2265002000	Construction				0.078	0.078	0.080	0.080
0.080	0.089	0.089	0.089	0.086	0.086	0.086	0.078		
SE	2265003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2265004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SE	2265004020	Lawn and Garden Chainswas				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2265004021	Lawn and Garden Chainswas				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2265004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SE	2265004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SE	2265005000	Agricultural				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SE	2265006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		

SE	2265007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2265008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2267000000	Average				0.085	0.085	0.077	0.077
0.077	0.093	0.093	0.093	0.077	0.077	0.077	0.085		
SE	2267001000	Recreational Equipment				0.057	0.057	0.08	0.08
0.08	0.117	0.117	0.117	0.08	0.08	0.08	0.057		
SE	2267001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SE	2267002000	Construction				0.078	0.078	0.080	0.080
0.080	0.089	0.089	0.089	0.086	0.086	0.086	0.078		
SE	2267003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2267004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SE	2267004020	Lawn and Garden Chainswas				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2267004021	Lawn and Garden Chainswas				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2267004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SE	2267004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SE	2267005000	Agricultural				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SE	2267006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2267007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2267008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2268000000	Average				0.085	0.085	0.077	0.077
0.077	0.093	0.093	0.093	0.077	0.077	0.077	0.085		
SE	2268001000	Recreational Equipment				0.057	0.057	0.08	0.08
0.08	0.117	0.117	0.117	0.08	0.08	0.08	0.057		
SE	2268001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SE	2268002000	Construction				0.078	0.078	0.080	0.080
0.080	0.089	0.089	0.089	0.086	0.086	0.086	0.078		
SE	2268003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2268004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SE	2268004020	Lawn and Garden Chainswas				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2268004021	Lawn and Garden Chainswas				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2268004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SE	2268004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SE	2268005000	Agricultural				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SE	2268006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2268007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2268008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2270000000	Average				0.085	0.085	0.077	0.077
0.077	0.093	0.093	0.093	0.077	0.077	0.077	0.085		
SE	2270001000	Recreational Equipment				0.057	0.057	0.08	0.08
0.08	0.117	0.117	0.117	0.08	0.08	0.08	0.057		

SE	2270001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SE	2270002000	Construction				0.078	0.078	0.080	0.080
0.080	0.089	0.089	0.089	0.086	0.086	0.086	0.078		
SE	2270003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2270004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SE	2270004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2270004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2270004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SE	2270004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SE	2270005000	Agricultural				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SE	2270006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2270007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2270008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2280000000	Commercial Marine				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SE	2282000000	Recreational Marine				0.023	0.023	0.075	0.075
0.075	0.16	0.16	0.16	0.075	0.075	0.075	0.023		
SE	2285000000	Railway Maintenance				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2260000000	Average				0.083	0.083	0.078	0.078
0.078	0.094	0.094	0.094	0.078	0.078	0.078	0.083		
SW	2260001000	Recreational Equipment				0.04	0.04	0.085	0.085
0.085	0.123	0.123	0.123	0.085	0.085	0.085	0.04		
SW	2260001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SW	2260002000	Construction				0.075	0.075	0.084	0.084
0.084	0.091	0.091	0.091	0.084	0.084	0.084	0.075		
SW	2260003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2260004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SW	2260004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2260004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2260004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SW	2260004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SW	2260005000	Agricultural				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SW	2260006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2260007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2260008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2265000000	Average				0.083	0.083	0.078	0.078
0.078	0.094	0.094	0.094	0.078	0.078	0.078	0.083		
SW	2265001000	Recreational Equipment				0.04	0.04	0.085	0.085
0.085	0.123	0.123	0.123	0.085	0.085	0.085	0.04		
SW	2265001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		

SW	2265002000	Construction				0.075	0.075	0.084	0.084
0.084	0.091	0.091	0.091	0.084	0.084	0.084	0.075		
SW	2265003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2265004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SW	2265004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2265004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2265004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SW	2265004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SW	2265005000	Agricultural				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SW	2265006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2265007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2265008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2267000000	Average				0.083	0.083	0.078	0.078
0.078	0.094	0.094	0.094	0.078	0.078	0.078	0.083		
SW	2267001000	Recreational Equipment				0.04	0.04	0.085	0.085
0.085	0.123	0.123	0.123	0.085	0.085	0.085	0.04		
SW	2267001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SW	2267002000	Construction				0.075	0.075	0.084	0.084
0.084	0.091	0.091	0.091	0.084	0.084	0.084	0.075		
SW	2267003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2267004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SW	2267004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2267004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2267004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SW	2267004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SW	2267005000	Agricultural				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SW	2267006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2267007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2267008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2268000000	Average				0.083	0.083	0.078	0.078
0.078	0.094	0.094	0.094	0.078	0.078	0.078	0.083		
SW	2268001000	Recreational Equipment				0.04	0.04	0.085	0.085
0.085	0.123	0.123	0.123	0.085	0.085	0.085	0.04		
SW	2268001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SW	2268002000	Construction				0.075	0.075	0.084	0.084
0.084	0.091	0.091	0.091	0.084	0.084	0.084	0.075		
SW	2268003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2268004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SW	2268004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		

SW	2268004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2268004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SW	2268004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SW	2268005000	Agricultural				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SW	2268006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2268007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2268008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2270000000	Average				0.083	0.083	0.078	0.078
0.078	0.094	0.094	0.094	0.078	0.078	0.078	0.083		
SW	2270001000	Recreational Equipment				0.04	0.04	0.085	0.085
0.085	0.123	0.123	0.123	0.085	0.085	0.085	0.04		
SW	2270001020	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SW	2270002000	Construction				0.075	0.075	0.084	0.084
0.084	0.091	0.091	0.091	0.084	0.084	0.084	0.075		
SW	2270003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2270004000	Lawn and Garden excl. chainsaws				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SW	2270004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2270004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2270004035	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SW	2270004036	Snowblowers/Snowmobiles				0.333	0.333	0	0
0	0	0	0	0	0	0	0.333		
SW	2270005000	Agricultural				0.02	0.02	0.1	0.1
0.1	0.113	0.113	0.113	0.1	0.1	0.1	0.02		
SW	2270006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2270007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2270008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2280000000	Commercial Marine				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
SW	2282000000	Recreational Marine				0.023	0.023	0.075	0.075
0.075	0.16	0.16	0.16	0.075	0.075	0.075	0.023		
SW	2285000000	Railway Maintenance				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2260000000	Average				0.081	0.082	0.09	0.08
0.081	0.087	0.087	0.087	0.079	0.075	0.085	0.083		
WCST	2260001000	Recreational Equipment				0.06	0.06	0.07	0.08
0.09	0.1	0.1	0.1	0.09	0.09	0.09	0.07		
WCST	2260001020	Snowblowers/Snowmobiles				0.2	0.2	0.18	0.06
0.02	0	0	0	0	0	0.14	0.2		
WCST	2260002000	Construction				0.072	0.072	0.088	0.088
0.088	0.090	0.090	0.090	0.083	0.083	0.083	0.072		
WCST	2260003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2260004000	Lawn and Garden excl. chainsaws				0.057	0.067	0.086	0.086
0.095	0.095	0.095	0.095	0.095	0.086	0.076	0.067		
WCST	2260004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2260004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		

WCST	2260004035	Snowblowers/Snowmobiles				0.2	0.2	0.18	0.06
0.02	0	0	0	0	0	0.14	0.2		
WCST	2260004036	Snowblowers/Snowmobiles				0.2	0.2	0.18	0.06
0.02	0	0	0	0	0	0.14	0.2		
WCST	2260005000	Agricultural				0.054	0.054	0.086	0.086
0.108	0.108	0.108	0.108	0.108	0.075	0.054	0.054		
WCST	2260006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2260007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2260008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2265000000	Average				0.081	0.082	0.09	0.08
0.081	0.087	0.087	0.087	0.079	0.075	0.085	0.083		
WCST	2265001000	Recreational Equipment				0.06	0.06	0.07	0.08
0.09	0.1	0.1	0.1	0.09	0.09	0.09	0.07		
WCST	2265001020	Snowblowers/Snowmobiles				0.2	0.2	0.18	0.06
0.02	0	0	0	0	0	0.14	0.2		
WCST	2265002000	Construction				0.072	0.072	0.088	0.088
0.088	0.090	0.090	0.090	0.083	0.083	0.083	0.072		
WCST	2265003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2265004000	Lawn and Garden excl. chainsaws				0.057	0.067	0.086	0.086
0.095	0.095	0.095	0.095	0.095	0.086	0.076	0.067		
WCST	2265004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2265004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2265004035	Snowblowers/Snowmobiles				0.2	0.2	0.18	0.06
0.02	0	0	0	0	0	0.14	0.2		
WCST	2265004036	Snowblowers/Snowmobiles				0.2	0.2	0.18	0.06
0.02	0	0	0	0	0	0.14	0.2		
WCST	2265005000	Agricultural				0.054	0.054	0.086	0.086
0.108	0.108	0.108	0.108	0.108	0.075	0.054	0.054		
WCST	2265006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2265007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2265008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2267000000	Average				0.081	0.082	0.09	0.08
0.081	0.087	0.087	0.087	0.079	0.075	0.085	0.083		
WCST	2267001000	Recreational Equipment				0.06	0.06	0.07	0.08
0.09	0.1	0.1	0.1	0.09	0.09	0.09	0.07		
WCST	2267001020	Snowblowers/Snowmobiles				0.2	0.2	0.18	0.06
0.02	0	0	0	0	0	0.14	0.2		
WCST	2267002000	Construction				0.072	0.072	0.088	0.088
0.088	0.090	0.090	0.090	0.083	0.083	0.083	0.072		
WCST	2267003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2267004000	Lawn and Garden excl. chainsaws				0.057	0.067	0.086	0.086
0.095	0.095	0.095	0.095	0.095	0.086	0.076	0.067		
WCST	2267004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2267004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2267004035	Snowblowers/Snowmobiles				0.2	0.2	0.18	0.06
0.02	0	0	0	0	0	0.14	0.2		
WCST	2267004036	Snowblowers/Snowmobiles				0.2	0.2	0.18	0.06
0.02	0	0	0	0	0	0.14	0.2		
WCST	2267005000	Agricultural				0.054	0.054	0.086	0.086
0.108	0.108	0.108	0.108	0.108	0.075	0.054	0.054		
WCST	2267006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		

WCST	2267007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2267008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2268000000	Average				0.081	0.082	0.09	0.08
0.081	0.087	0.087	0.087	0.079	0.075	0.085	0.083		
WCST	2268001000	Recreational Equipment				0.06	0.06	0.07	0.08
0.09	0.1	0.1	0.1	0.09	0.09	0.09	0.07		
WCST	2268001020	Snowblowers/Snowmobiles				0.2	0.2	0.18	0.06
0.02	0	0	0	0	0	0.14	0.2		
WCST	2268002000	Construction				0.072	0.072	0.088	0.088
0.088	0.090	0.090	0.090	0.083	0.083	0.083	0.072		
WCST	2268003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2268004000	Lawn and Garden excl. chainsaws				0.057	0.067	0.086	0.086
0.095	0.095	0.095	0.095	0.095	0.086	0.076	0.067		
WCST	2268004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2268004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2268004035	Snowblowers/Snowmobiles				0.2	0.2	0.18	0.06
0.02	0	0	0	0	0	0.14	0.2		
WCST	2268004036	Snowblowers/Snowmobiles				0.2	0.2	0.18	0.06
0.02	0	0	0	0	0	0.14	0.2		
WCST	2268005000	Agricultural				0.054	0.054	0.086	0.086
0.108	0.108	0.108	0.108	0.108	0.075	0.054	0.054		
WCST	2268006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2268007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2268008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2270000000	Average				0.081	0.082	0.09	0.08
0.081	0.087	0.087	0.087	0.079	0.075	0.085	0.083		
WCST	2270001000	Recreational Equipment				0.06	0.06	0.07	0.08
0.09	0.1	0.1	0.1	0.09	0.09	0.09	0.07		
WCST	2270001020	Snowblowers/Snowmobiles				0.2	0.2	0.18	0.06
0.02	0	0	0	0	0	0.14	0.2		
WCST	2270002000	Construction				0.072	0.072	0.088	0.088
0.088	0.090	0.090	0.090	0.083	0.083	0.083	0.072		
WCST	2270003000	Industrial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2270004000	Lawn and Garden excl. chainsaws				0.057	0.067	0.086	0.086
0.095	0.095	0.095	0.095	0.095	0.086	0.076	0.067		
WCST	2270004020	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2270004021	Lawn and Garden Chainsaws				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2270004035	Snowblowers/Snowmobiles				0.2	0.2	0.18	0.06
0.02	0	0	0	0	0	0.14	0.2		
WCST	2270004036	Snowblowers/Snowmobiles				0.2	0.2	0.18	0.06
0.02	0	0	0	0	0	0.14	0.2		
WCST	2270005000	Agricultural				0.054	0.054	0.086	0.086
0.108	0.108	0.108	0.108	0.108	0.075	0.054	0.054		
WCST	2270006000	Light Commercial				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2270007000	Logging				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2270008000	Airport Service				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2280000000	Commercial Marine				0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083		
WCST	2282000000	Recreational Marine				0.023	0.023	0.075	0.075
0.075	0.16	0.16	0.16	0.075	0.075	0.075	0.023		

WCST	2285000000	Railway Maintenance			0.083	0.083	0.083	0.083
0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	
US	2260001000				0.0422	0.0422	0.0777	0.0785
0.0793	0.1330	0.1330	0.1330	0.0793	0.0793	0.0793	0.0431	
US	2260001020				0.3321	0.3321	0.0016	0.0005
0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0013	0.3321	
US	2260002000				0.0699	0.0699	0.0848	0.0848
0.0848	0.0941	0.0941	0.0941	0.0845	0.0845	0.0845	0.0699	
US	2260003000				0.0764	0.0764	0.0832	0.0832
0.0832	0.0905	0.0905	0.0905	0.0832	0.0832	0.0832	0.0764	
US	2260004000				0.0240	0.0251	0.0865	0.0865
0.0874	0.1354	0.1354	0.1354	0.0874	0.0865	0.0854	0.0251	
US	2260004016				0.0263	0.0280	0.0878	0.0878
0.0893	0.1298	0.1298	0.1298	0.0893	0.0878	0.0861	0.0280	
US	2260004020				0.0833	0.0833	0.0833	0.0833
0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	
US	2260004021				0.0833	0.0833	0.0833	0.0833
0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	
US	2260004026				0.0263	0.0280	0.0878	0.0878
0.0893	0.1298	0.1298	0.1298	0.0893	0.0878	0.0861	0.0280	
US	2260004031				0.0263	0.0280	0.0878	0.0878
0.0893	0.1298	0.1298	0.1298	0.0893	0.0878	0.0861	0.0280	
US	2260004035				0.3308	0.3308	0.0035	0.0012
0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0027	0.3308	
US	2260004036				0.3298	0.3298	0.0048	0.0016
0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0037	0.3298	
US	2260004071				0.0263	0.0280	0.0878	0.0878
0.0893	0.1298	0.1298	0.1298	0.0893	0.0878	0.0861	0.0280	
US	2260005000				0.0210	0.0210	0.0817	0.0817
0.0824	0.1488	0.1488	0.1488	0.0824	0.0814	0.0808	0.0210	
US	2260006000				0.0833	0.0833	0.0833	0.0833
0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	
US	2260007000				0.0833	0.0833	0.0833	0.0833
0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	
US	2260008000				0.0833	0.0833	0.0833	0.0833
0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	
US	2265001000				0.0419	0.0419	0.0778	0.0786
0.0794	0.1332	0.1332	0.1332	0.0794	0.0794	0.0794	0.0427	
US	2265001050				0.0401	0.0401	0.0773	0.0779
0.0785	0.1367	0.1367	0.1367	0.0785	0.0785	0.0785	0.0407	
US	2265002000				0.0699	0.0699	0.0848	0.0848
0.0848	0.0941	0.0941	0.0941	0.0845	0.0845	0.0845	0.0699	
US	2265003000				0.0764	0.0764	0.0832	0.0832
0.0832	0.0905	0.0905	0.0905	0.0832	0.0832	0.0832	0.0764	
US	2265004000				0.0240	0.0251	0.0865	0.0865
0.0874	0.1354	0.1354	0.1354	0.0874	0.0865	0.0854	0.0251	
US	2265004011				0.0263	0.0280	0.0878	0.0878
0.0893	0.1298	0.1298	0.1298	0.0893	0.0878	0.0861	0.0280	
US	2265004016				0.0263	0.0280	0.0878	0.0878
0.0893	0.1298	0.1298	0.1298	0.0893	0.0878	0.0861	0.0280	
US	2265004026				0.0263	0.0280	0.0878	0.0878
0.0893	0.1298	0.1298	0.1298	0.0893	0.0878	0.0861	0.0280	
US	2265004031				0.0263	0.0280	0.0878	0.0878
0.0893	0.1298	0.1298	0.1298	0.0893	0.0878	0.0861	0.0280	
US	2265004035				0.3308	0.3308	0.0035	0.0012
0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0027	0.3308	
US	2265004036				0.3298	0.3298	0.0048	0.0016
0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0037	0.3298	
US	2265004041				0.0263	0.0280	0.0878	0.0878
0.0893	0.1298	0.1298	0.1298	0.0893	0.0878	0.0861	0.0280	
US	2265004046				0.0263	0.0280	0.0878	0.0878
0.0893	0.1298	0.1298	0.1298	0.0893	0.0878	0.0861	0.0280	
US	2265004051				0.0263	0.0280	0.0878	0.0878
0.0893	0.1298	0.1298	0.1298	0.0893	0.0878	0.0861	0.0280	

US	2265004056				0.0263	0.0280	0.0878	0.0878
0.0893	0.1298	0.1298	0.1298	0.0893	0.0878	0.0861	0.0280	
US	2265004066				0.0263	0.0280	0.0878	0.0878
0.0893	0.1298	0.1298	0.1298	0.0893	0.0878	0.0861	0.0280	
US	2265004071				0.0263	0.0280	0.0878	0.0878
0.0893	0.1298	0.1298	0.1298	0.0893	0.0878	0.0861	0.0280	
US	2265004076				0.0263	0.0280	0.0878	0.0878
0.0893	0.1298	0.1298	0.1298	0.0893	0.0878	0.0861	0.0280	
US	2265005000				0.0210	0.0210	0.0817	0.0817
0.0824	0.1488	0.1488	0.1488	0.0824	0.0814	0.0808	0.0210	
US	2265006000				0.0833	0.0833	0.0833	0.0833
0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	
US	2265007000				0.0833	0.0833	0.0833	0.0833
0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	
US	2265008000				0.0833	0.0833	0.0833	0.0833
0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	
US	2265010010				0.0823	0.0823	0.0769	0.0765
0.0765	0.0980	0.0980	0.0980	0.0764	0.0763	0.0767	0.0823	
US	2267001060				0.0419	0.0419	0.0778	0.0786
0.0794	0.1332	0.1332	0.1332	0.0794	0.0794	0.0794	0.0427	
US	2267002000				0.0699	0.0699	0.0848	0.0848
0.0848	0.0941	0.0941	0.0941	0.0845	0.0845	0.0845	0.0699	
US	2267003000				0.0764	0.0764	0.0832	0.0832
0.0832	0.0905	0.0905	0.0905	0.0832	0.0832	0.0832	0.0764	
US	2267004066				0.0263	0.0280	0.0878	0.0878
0.0893	0.1298	0.1298	0.1298	0.0893	0.0878	0.0861	0.0280	
US	2267005000				0.0210	0.0210	0.0817	0.0817
0.0824	0.1488	0.1488	0.1488	0.0824	0.0814	0.0808	0.0210	
US	2267006000				0.0833	0.0833	0.0833	0.0833
0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	
US	2267008000				0.0833	0.0833	0.0833	0.0833
0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	
US	2268002000				0.0699	0.0699	0.0848	0.0848
0.0848	0.0941	0.0941	0.0941	0.0845	0.0845	0.0845	0.0699	
US	2268003000				0.0764	0.0764	0.0832	0.0832
0.0832	0.0905	0.0905	0.0905	0.0832	0.0832	0.0832	0.0764	
US	2268005000				0.0210	0.0210	0.0817	0.0817
0.0824	0.1488	0.1488	0.1488	0.0824	0.0814	0.0808	0.0210	
US	2268006000				0.0833	0.0833	0.0833	0.0833
0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	
US	2268010010				0.0823	0.0823	0.0769	0.0765
0.0765	0.0980	0.0980	0.0980	0.0764	0.0763	0.0767	0.0823	
US	2270001060				0.0419	0.0419	0.0778	0.0786
0.0794	0.1332	0.1332	0.1332	0.0794	0.0794	0.0794	0.0427	
US	2270002000				0.0699	0.0699	0.0848	0.0848
0.0848	0.0941	0.0941	0.0941	0.0845	0.0845	0.0845	0.0699	
US	2270003000				0.0764	0.0764	0.0832	0.0832
0.0832	0.0905	0.0905	0.0905	0.0832	0.0832	0.0832	0.0764	
US	2270004031				0.0263	0.0280	0.0878	0.0878
0.0893	0.1298	0.1298	0.1298	0.0893	0.0878	0.0861	0.0280	
US	2270004036				0.3298	0.3298	0.0048	0.0016
0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0037	0.3298	
US	2270004046				0.0263	0.0280	0.0878	0.0878
0.0893	0.1298	0.1298	0.1298	0.0893	0.0878	0.0861	0.0280	
US	2270004056				0.0263	0.0280	0.0878	0.0878
0.0893	0.1298	0.1298	0.1298	0.0893	0.0878	0.0861	0.0280	
US	2270004066				0.0263	0.0280	0.0878	0.0878
0.0893	0.1298	0.1298	0.1298	0.0893	0.0878	0.0861	0.0280	
US	2270004071				0.0263	0.0280	0.0878	0.0878
0.0893	0.1298	0.1298	0.1298	0.0893	0.0878	0.0861	0.0280	
US	2270004076				0.0263	0.0280	0.0878	0.0878
0.0893	0.1298	0.1298	0.1298	0.0893	0.0878	0.0861	0.0280	
US	2270005000				0.0210	0.0210	0.0817	0.0817
0.0824	0.1488	0.1488	0.1488	0.0824	0.0814	0.0808	0.0210	

US	2270006000				0.0833	0.0833	0.0833	0.0833
0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	
US	2270007000				0.0833	0.0833	0.0833	0.0833
0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	
US	2270008000				0.0833	0.0833	0.0833	0.0833
0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	
US	2270009000				0.0807	0.0807	0.0744	0.0744
0.0744	0.1038	0.1038	0.1038	0.0744	0.0744	0.0744	0.0807	
US	2270010010				0.0823	0.0823	0.0769	0.0765
0.0765	0.0980	0.0980	0.0980	0.0764	0.0763	0.0767	0.0823	
US	2282000000				0.0128	0.0128	0.0653	0.0653
0.0653	0.1900	0.1900	0.1900	0.0653	0.0653	0.0653	0.0128	
US	2285000000				0.0833	0.0833	0.0833	0.0833
0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	0.0833	

/END/

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The following packet contains the day-of-week adjustment factors.  
The factors are fraction of weekly activity occurring in the given day. Two factors are provided: typical weekday and typical weekend day. To get the total weeks activity, multiply the weekday factor by 5 and the weekend factor by 2 and add the results together.  
Global SCC codes can be used and the model will find the best match.  
A blank region code will apply to all states and counties.  
The model will also find the best match on subregion code.

The format is as follows:

1-	5	character	-- subregion code (blank = match all)
7-	16	character	-- SCC code (global codes are acceptable)
18-	52	character	-- equipment description (not used)
52-	61	real	-- fraction of weekly activity in typical weekday
62-	71	real	-- fraction of weekly activity in typical weekend

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/DAILY/

2260001000	Recreational Equipment	0.11111111	0.22222222
2260002000	Construction	0.16666667	0.08333334
2260003000	Industrial	0.16666667	0.08333334
2260003060	AC\Refrigeration	0.1428571	0.1428571
2260004000	Lawn & Garden	0.11111111	0.22222222
2260005000	Agricultural	0.16666667	0.08333334
2260006000	Light Commercial	0.16666667	0.08333334
2260007000	Logging	0.16666667	0.08333334
2260008000	Airport Service	0.1428571	0.1428571
2260009000	Underground Mining	0.16666667	0.08333334
2265001000	Recreational Equipment	0.11111111	0.22222222
2265002000	Construction	0.16666667	0.08333334
2265003000	Industrial	0.16666667	0.08333334
2265003060	AC\Refrigeration	0.1428571	0.1428571
2265004000	Lawn & Garden	0.11111111	0.22222222
2265005000	Agricultural	0.16666667	0.08333334
2265006000	Light Commercial	0.16666667	0.08333334
2265007000	Logging	0.16666667	0.08333334
2265008000	Airport Service	0.1428571	0.1428571
2265009000	Underground Mining	0.16666667	0.08333334
2267001000	Recreational Equipment	0.11111111	0.22222222
2267002000	Construction	0.16666667	0.08333334
2267003000	Industrial	0.16666667	0.08333334
2267003060	AC\Refrigeration	0.1428571	0.1428571
2267004000	Lawn & Garden	0.11111111	0.22222222
2267005000	Agricultural	0.16666667	0.08333334
2267006000	Light Commercial	0.16666667	0.08333334

2267007000	Logging	0.1666667	0.0833334
2267008000	Airport Service	0.1428571	0.1428571
2267009000	Underground Mining	0.1666667	0.0833334
2268001000	Recreational Equipment	0.1111111	0.2222222
2268002000	Construction	0.1666667	0.0833334
2268003000	Industrial	0.1666667	0.0833334
2268003060	AC\Refrigeration	0.1428571	0.1428571
2268004000	Lawn & Garden	0.1111111	0.2222222
2268005000	Agricultural	0.1666667	0.0833334
2268006000	Light Commercial	0.1666667	0.0833334
2268007000	Logging	0.1666667	0.0833334
2268008000	Airport Service	0.1428571	0.1428571
2268009000	Underground Mining	0.1666667	0.0833334
2270001000	Recreational Equipment	0.1111111	0.2222222
2270002000	Construction	0.1666667	0.0833334
2270003000	Industrial	0.1666667	0.0833334
2270003060	AC\Refrigeration	0.1428571	0.1428571
2270004000	Lawn & Garden	0.1111111	0.2222222
2270005000	Agricultural	0.1666667	0.0833334
2270006000	Light Commercial	0.1666667	0.0833334
2270007000	Logging	0.1666667	0.0833334
2270008000	Airport Service	0.1428571	0.1428571
2270009000	Underground Mining	0.1666667	0.0833334
2260004011	2-Stroke Lawn mowers (Comm.)	0.1600000	0.1000000
2260004016	2-Stroke Rotary Tillers < 5 HP	0.1600000	0.1000000
2260004021	2-Stroke Chain Saws < 4 HP (Com	0.1600000	0.1000000
2260004026	2-Stroke Trimmers/Edgers/Brush	0.1600000	0.1000000
2260004031	2-Stroke Leafblowers/Vacuums (C	0.1600000	0.1000000
2260004036	2-Stroke Snowblowers (Comm.)	0.1600000	0.1000000
2260004051	2-Stroke Shredders < 5 HP (Comm	0.1600000	0.1000000
2260004071	2-Stroke Commercial Turf Equipm	0.1600000	0.1000000
2260004076	2-Stroke Other Lawn & Garden Eq	0.1600000	0.1000000
2265004011	4-Stroke Lawn mowers (Comm.)	0.1600000	0.1000000
2265004016	4-Stroke Rotary Tillers < 5 HP	0.1600000	0.1000000
2265004026	4-Stroke Trimmers/Edgers/Brush	0.1600000	0.1000000
2265004031	4-Stroke Leafblowers/Vacuums (C	0.1600000	0.1000000
2265004036	4-Stroke Snowblowers (Comm.)	0.1600000	0.1000000
2265004041	4-Stroke Rear Engine Riding Mow	0.1600000	0.1000000
2265004046	4-Stroke Front Mowers (Comm.)	0.1600000	0.1000000
2265004051	4-Stroke Shredders < 5 HP (Comm	0.1600000	0.1000000
2265004056	4-Stroke Lawn & Garden Tractors	0.1600000	0.1000000
2265004066	4-Stroke Chippers/Stump Grinder	0.1600000	0.1000000
2265004071	4-Stroke Commercial Turf Equipm	0.1600000	0.1000000
2265004076	4-Stroke Other Lawn & Garden Eq	0.1600000	0.1000000
2267004011	LPG Lawn mowers (Comm.)	0.1600000	0.1000000
2267004016	LPG Rotary Tillers < 5 HP	0.1600000	0.1000000
2267004026	LPG Trimmers/Edgers/Brush	0.1600000	0.1000000
2267004031	LPG Leafblowers/Vacuums (C	0.1600000	0.1000000
2267004036	LPG Snowblowers (Comm.)	0.1600000	0.1000000
2267004041	LPG Rear Engine Riding Mow	0.1600000	0.1000000
2267004046	LPG Front Mowers (Comm.)	0.1600000	0.1000000
2267004051	LPG Shredders < 5 HP (Comm	0.1600000	0.1000000
2267004056	LPG Lawn & Garden Tractors	0.1600000	0.1000000
2267004066	LPG Chippers/Stump Grinder	0.1600000	0.1000000
2267004071	LPG Commercial Turf Equipm	0.1600000	0.1000000
2267004076	LPG Other Lawn & Garden Eq	0.1600000	0.1000000
2268004011	CNG Lawn mowers (Comm.)	0.1600000	0.1000000
2268004016	CNG Rotary Tillers < 5 HP	0.1600000	0.1000000
2268004026	CNG Trimmers/Edgers/Brush	0.1600000	0.1000000
2268004031	CNG Leafblowers/Vacuums (C	0.1600000	0.1000000
2268004036	CNG Snowblowers (Comm.)	0.1600000	0.1000000
2268004041	CNG Rear Engine Riding Mow	0.1600000	0.1000000
2268004046	CNG Front Mowers (Comm.)	0.1600000	0.1000000
2268004051	CNG Shredders < 5 HP (Comm	0.1600000	0.1000000
2268004056	CNG Lawn & Garden Tractors	0.1600000	0.1000000

2268004066	CNG	Chippers/Stump Grinder	0.1600000	0.1000000
2268004071	CNG	Commercial Turf Equipm	0.1600000	0.1000000
2268004076	CNG	Other Lawn & Garden Eq	0.1600000	0.1000000
2270004031	Diesel	Leafblowers/Vacuums (Com	0.1600000	0.1000000
2270004036	Diesel	Snowblowers (Comm.)	0.1600000	0.1000000
2270004041	Diesel	Rear Engine Riding Mower	0.1600000	0.1000000
2270004046	Diesel	Front Mowers (Comm.)	0.1600000	0.1000000
2270004056	Diesel	Lawn & Garden Tractors (	0.1600000	0.1000000
2270004066	Diesel	Chippers/Stump Grinders	0.1600000	0.1000000
2270004071	Diesel	Commercial Turf Equipmen	0.1600000	0.1000000
2270004076	Diesel	Other Lawn & Garden Equi	0.1600000	0.1000000
2282000000		Recreational Marine	0.0600000	0.3500000
2285000000		Railway Maintenance	0.1800000	0.0500000

/END/

## 5.5 NONROAD2005 MODEL – OPTION FILES

Written by Nonroad interface at 2/13/2006 12:42:31 PM  
Created by NCDENR DAQ on 05/04/2005 at 04:29 PM  
This is the options file for the NONROAD program.  
The data is sperated into "packets" bases on common  
information. Each packet is specified by an  
identifier and a terminator. Any notes or descriptions  
can be placed between the data packets.

### PERIOD PACKET

This is the packet that defines the period for  
which emissions are to be estimated. The order of the  
records matter. The selection of certain parameters  
will cause some of the record that follow to be ignored.  
The order of the records is as follows:

- 1 - Char 10 - Period type for this simulation.  
Valid responses are: ANNUAL, SEASONAL, and MONTHLY
- 2 - Char 10 - Type of inventory produced.  
Valid responses are: TYPICAL DAY and PERIOD TOTAL
- 3 - Integer - year of episode (4 digit year)
- 4 - Char 10 - Month of episode (use complete name of month)
- 5 - Char 10 - Type of day  
Valid responses are: WEEKDAY and WEEKEND

-----  
/PERIOD/  
Period type : Seasonal  
Summation type : Period total  
Year of episode : 2005  
Season of year : Summer  
Month of year :  
Weekday or weekend : Weekday  
/END/  
-----

### OPTIONS PACKET

This is the packet that defines some of the user  
options that drive the model. Most parameters are  
used to make episode specific emission factor  
adjustments. The order of the records is fixed.  
The order is as follows.

- 1 - Char 80 - First title on reports
- 2 - Char 80 - Second title on reports
- 3 - Real 10 - Fuel RVP of gasoline for this simulation
- 4 - Real 10 - Oxygen weight percent of gasoline for simulation
- 5 - Real 10 - Percent sulfur for gasoline
- 6 - Real 10 - Percent sulfur for diesel
- 7 - Real 10 - Percent sulfur for LPG/CNG
- 8 - Real 10 - Minimum daily temperature (deg. F)
- 9 - Real 10 - maximum daily temperature (deg. F)
- 10 - Real 10 - Representative average daily temperature (deg. F)
- 11 - Char 10 - Flag to determine if region is high altitude  
Valid responses are: HIGH and LOW

12 - Char 10 - Flag to determine if RFG adjustments are made  
Valid responses are: YES and NO

-----  
/OPTIONS/

Title 1 : Rocky Mount Redesignation\_2005\_Land-based\_ver.NR2005a  
Title 2 : NC County Temp 77; Summer  
Fuel RVP for gas : 9.0  
Oxygen Weight % : 0.0  
Gas sulfur % : 0.0092  
Diesel sulfur % : 0.3000  
CNG/LPG sulfur % : 0.003  
Minimum temper (F) : 66.67  
Maximum temper (F) : 87.33  
Average temper (F) : 77  
Altitude of region : LOW  
/END/

-----  
REGION PACKET

This is the packet that defines the region for which  
emissions are to be estimated.

The first record tells the type of region and  
allocation to perform.

Valid responses are:

US TOTAL - emissions are for entire USA without state  
breakout.

50STATE - emissions are for all 50 states  
and Washington D.C., by state.

STATE - emissions are for a select group of states  
and are state-level estimates

COUNTY - emissions are for a select group of counties  
and are county level estimates. If necessary,  
allocation from state to county will be performed.

SUBCOUNTY - emissions are for the specified sub counties  
and are subcounty level estimates. If necessary,  
county to subcounty allocation will be performed.

The remaining records define the regions to be included.  
The type of data which must be specified depends on the  
region level.

US TOTAL - Nothing needs to be specified. The FIPS  
code 00000 is used automatically.

50STATE - Nothing needs to be specified. The FIPS  
code 00000 is used automatically.

STATE - state FIPS codes

COUNTY - state or county FIPS codes. State FIPS  
code means include all counties in the  
state.

SUBCOUNTY - county FIPS code and subregion code.

-----  
/REGION/

Region Level : COUNTY  
EDGEcombe, NC : 37065  
NASH, NC : 37127  
/END/

-----  
SOURCE CATEGORY PACKET

This packet is used to tell the model which source categories are to be processed. It is optional. If used, only those source categories list will appear in the output data file. If the packet is not found, the model will process all source categories in the population files.

-----  
/SOURCE CATEGORY/

:2260000000  
:2265000000  
:2267000000  
:2268000000  
:2270000000  
:2285000000

/END/

Diesel Only -

:2270000000  
:2282020000  
:2285002015

Spark Ignition Only -

:2260000000  
:2265000000  
:2267000000  
:2268000000  
:2282005010  
:2282005015  
:2282010005  
:2285004015  
:2285006015

-----  
This is the packet that lists the names of output files and some of the input data files read by the model. If a drive:\path\ is not given, the location of the NONROAD.EXE file itself is assumed. You will probably want to change the names of the Output and Message files to match that of the OPTION file, e.g., MICH-97.OPT, MICH-97.OUT, MICH-97.MSG, and if used MICH-97.AMS.

-----  
/RUNFILES/

ALLOC XREF : c:\nonroad\data\allocate\allocate.xrf  
ACTIVITY : c:\nonroad\data\activity\activity.dat  
EXH TECHNOLOGY : data\tech\tech-exh.dat  
EVP TECHNOLOGY : data\tech\tech-evp.dat  
SEASONALITY : c:\nonroad\data\season\rnc\_seas.dat  
REGIONS : c:\nonroad\data\season\rnc\_seas.dat  
MESSAGE : c:\nonroad\outputs\en05xa.msg

```

OUTPUT DATA      : c:\nonroad\outputs\en05xa.out
EPS2 AMS         : c:\nonroad\outputs\en05xa.eps
US COUNTIES FIPS :
RETROFIT         :
/END/

```

```

-----
This is the packet that defines the equipment population
files read by the model.
-----

```

```

/POP FILES/
POPULATION FILE   : c:\nonroad\data\pop\NC.pop
/END/

```

```

-----
This is the packet that defines the growth files
files read by the model.
-----

```

```

/GROWTH FILES/
National defaults : c:\nonroad\data\growth\nation.grw
/END/

```

```

/ALLOC FILES/
Air Transportation : c:\nonroad\data\allocate\RNC_AIRT.ALO
Construction empl. : c:\nonroad\data\allocate\NC_const.alo
Harvested acres   : c:\nonroad\data\allocate\NC_farms.alo
Golf course estab. : c:\nonroad\data\allocate\NC_golf.alo
Wholesale establis.: c:\nonroad\data\allocate\RNC_HOLS.ALO
Family housing     : c:\nonroad\data\allocate\NC_house.alo
Logging empl.      : c:\nonroad\data\allocate\NC_loggn.alo
Landscape empl.    : c:\nonroad\data\allocate\RNC_LSCA.ALO
Coal mining empl.  : c:\nonroad\data\allocate\NC_coal.alo
Manufacturing empl.: c:\nonroad\data\allocate\NC_mnfg.alo
Oil & Gas employees: c:\nonroad\data\allocate\NC_oil.alo
Census population : c:\nonroad\data\allocate\NC_pop.alo
RV Park establish. : c:\nonroad\data\allocate\NC_rvprk.alo
Snowmobiles       : c:\nonroad\data\allocate\NC_snowm.alo
Snowblowers res.   : c:\nonroad\data\allocate\NC_sbr.alo
Snowblowers comm.  : c:\nonroad\data\allocate\NC_sbc.alo
Rec marine inbrd   : c:\nonroad\data\allocate\NC_wib.alo
Rec marine outbrd  : c:\nonroad\data\allocate\NC_wob.alo
/END/

```

```

-----
This is the packet that defines the emssions factors
files read by the model.
-----

```

```

/EMFAC FILES/
THC exhaust       : c:\nonroad\data\emsfac\exhthc.emf
CO exhaust        : c:\nonroad\data\emsfac\exhco.emf
NOX exhaust       : c:\nonroad\data\emsfac\exhnox.emf
PM exhaust        : c:\nonroad\data\emsfac\exhpm.emf
BSFC              : c:\nonroad\data\emsfac\bsfc.emf
Crankcase         : c:\nonroad\data\emsfac\crank.emf
Spillage          : c:\nonroad\data\emsfac\spillage.emf
Diurnal           : data\emsfac\evdiu.emf
TANK PERM         : data\emsfac\evtank.emf
NON-RM HOSE PERM  : data\emsfac\evhose.emf
RM FILL NECK PERM : data\emsfac\evneck.emf
RM SUPPLY/RETURN  : data\emsfac\evsupret.emf

```

```

RM VENT PERM      : data\emsfac\evvent.emf
HOT SOAKS         : data\emsfac\evhotsk.emf
RUNINGLOSS        : data\emsfac\evrunls.emf
/END/

```

```

-----
This is the packet that defines the deterioration factors
files read by the model.
-----

```

```

/DETERIORATE FILES/
THC exhaust       : c:\nonroad\data\detfac\exhthc.det
CO exhaust        : c:\nonroad\data\detfac\exhco.det
NOX exhaust       : c:\nonroad\data\detfac\exhnox.det
PM exhaust        : c:\nonroad\data\detfac\exhpm.det
Diurnal           : data\detfac\evdiu.det
/END/

```

Optional Packets - Add initial slash "/" to activate

```

/STAGE II/
Control Factor    : 0.0
/END/
Enter percent control: 95 = 95% control = 0.05 x uncontrolled
Default should be zero control.

```

```

MODELYEAR OUT/
by-model-year out : c:\nonroad\outputs\NC09Xa25.bmy
/END/

```

```

SI REPORT/
SI report file-CSV :C:\NONROAD\OUTPUTS\NRPOLLUT.CSV
/END/

```

```

PM Base Sulfur
  cols 1-10: dsl tech type;
  11-20: base sulfur wt%; or '1.0' means no-adjust (cert= in-use)
  21-30: sulfate conversion rate
/PM BASE SULFUR/
T2      0.2000    0.02247
T3      0.2000    0.02247
T3B     0.0500    0.02247
T4A     0.0500    0.02247
T4B     0.0015    0.02247
T4      0.0015    0.30
T4N     0.0015    0.30
/END/

```

Written by Nonroad interface at 5/9/2005 1:27:42 PM  
Created by NCDENR on 5/9/05.  
This is the options file for the NONROAD program.  
The data is sperated into "packets" bases on common  
information. Each packet is specified by an  
identifier and a terminator. Any notes or descriptions  
can be placed between the data packets.

-----  
PERIOD PACKET

This is the packet that defines the period for  
which emissions are to be estimated. The order of the  
records matter. The selection of certain parameters  
will cause some of the record that follow to be ignored.  
The order of the records is as follows:

- 1 - Char 10 - Period type for this simulation.  
Valid responses are: ANNUAL, SEASONAL, and MONTHLY
- 2 - Char 10 - Type of inventory produced.  
Valid responses are: TYPICAL DAY and PERIOD TOTAL
- 3 - Integer - year of episode (4 digit year)
- 4 - Char 10 - Month of episode (use complete name of month)
- 5 - Char 10 - Type of day  
Valid responses are: WEEKDAY and WEEKEND

-----  
/PERIOD/  
Period type : Seasonal  
Summation type : Period total  
Year of episode : 2005  
Season of year : Summer  
Month of year :  
Weekday or weekend : Weekday  
/END/  
-----

OPTIONS PACKET

This is the packet that defines some of the user  
options that drive the model. Most parameters are  
used to make episode specific emission factor  
adjustments. The order of the records is fixed.  
The order is as follows.

- 1 - Char 80 - First title on reports
  - 2 - Char 80 - Second title on reports
  - 3 - Real 10 - Fuel RVP of gasoline for this simulation
  - 4 - Real 10 - Oxygen weight percent of gasoline for simulation
  - 5 - Real 10 - Percent sulfur for gasoline
  - 6 - Real 10 - Percent sulfur for diesel
  - 7 - Real 10 - Percent sulfur for LPG/CNG
  - 8 - Real 10 - Minimum daily temperature (deg. F)
  - 9 - Real 10 - maximum daily temperature (deg. F)
  - 10 - Real 10 - Representative average daily temperature (deg. F)
  - 11 - Char 10 - Flag to determine if region is high altitude  
Valid responses are: HIGH and LOW
  - 12 - Char 10 - Flag to determine if RFG adjustments are made  
Valid responses are: YES and NO
-

```

/OPTIONS/
Title 1      : Rocky Mount Redesignation_2005_Marine_ver.NR2005a
Title 2      : NC County Temp 77; Summer
Fuel RVP for gas : 9.0
Oxygen Weight % : 0.0
Gas sulfur %   : 0.0092
Diesel sulfur % : 0.3000
CNG/LPG sulfur % : 0.003
Minimum temper (F) : 66.67
Maximum temper (F) : 87.33
Average temper (F) : 77
Altitude of region : LOW
/END/

```

-----

### REGION PACKET

This is the packet that defines the region for which emissions are to be estimated.

The first record tells the type of region and allocation to perform.

Valid responses are:

- US TOTAL - emissions are for entire USA without state breakout.
- 50STATE - emissions are for all 50 states and Washington D.C., by state.
- STATE - emissions are for a select group of states and are state-level estimates
- COUNTY - emissions are for a select group of counties and are county level estimates. If necessary, allocation from state to county will be performed.
- SUBCOUNTY - emissions are for the specified sub counties and are subcounty level estimates. If necessary, county to subcounty allocation will be performed.

The remaining records define the regions to be included. The type of data which must be specified depends on the region level.

- US TOTAL - Nothing needs to be specified. The FIPS code 00000 is used automatically.
- 50STATE - Nothing needs to be specified. The FIPS code 00000 is used automatically.
- STATE - state FIPS codes
- COUNTY - state or county FIPS codes. State FIPS code means include all counties in the state.
- SUBCOUNTY - county FIPS code and subregion code.

-----

/REGION/

Region Level : COUNTY  
EDGEcombe, NC : 37065  
NASH, NC : 37127  
/END/

-----  
SOURCE CATEGORY PACKET

This packet is used to tell the model which source categories are to be processed. It is optional. If used, only those source categories list will appear in the output data file. If the packet is not found, the model will process all source categories in the population files.

-----  
/SOURCE CATEGORY/  
:2282000000  
/END/

Diesel Only -  
:2282020000  
:2285002015  
Spark Ignition Only -  
:2282005010  
:2282005015  
:2282010005  
:2285004015  
:2285006015

-----  
This is the packet that lists the names of output files and some of the input data files read by the model. If a drive:\path\ is not given, the location of the NONROAD.EXE file itself is assumed. You will probably want to change the names of the Output and Message files to match that of the OPTION file, e.g., MICH-97.OPT, MICH-97.OUT, MICH-97.MSG, and if used MICH-97.AMS.

-----  
/RUNFILES/  
ALLOC XREF : c:\nonroad\data\allocate\allocate.xrf  
ACTIVITY : c:\nonroad\data\activity\activity.dat  
EXH TECHNOLOGY : data\tech\tech-exh.dat  
EVP TECHNOLOGY : data\tech\tech-evp.dat  
SEASONALITY : c:\nonroad\data\season\rnc\_seas.dat  
REGIONS : c:\nonroad\data\season\rnc\_seas.dat  
MESSAGE : c:\nonroad\outputs\en05xb.msg  
OUTPUT DATA : c:\nonroad\outputs\en05xb.out  
EPS2 AMS : c:\nonroad\outputs\en05xb.eps  
/END/

-----  
This is the packet that defines the equipment population files read by the model.

-----  
/POP FILES/  
POPULATION FILE : c:\nonroad\data\pop\NC.pop  
/END/

This is the packet that defines the growth files  
files read by the model.

-----  
/GROWTH FILES/

National defaults : c:\nonroad\data\growth\nation.grw  
/END/

/ALLOC FILES/

Air Transportation : c:\nonroad\data\allocate\RNC\_AIRT.ALO  
Contruction empl. : c:\nonroad\data\allocate\NC\_const.alo  
Harvested acres : c:\nonroad\data\allocate\NC\_farms.alo  
Golf course estab. : c:\nonroad\data\allocate\NC\_golf.alo  
Wholesale establis. : c:\nonroad\data\allocate\RNC\_HOLS.ALO  
Family housing : c:\nonroad\data\allocate\NC\_house.alo  
Logging empl. : c:\nonroad\data\allocate\NC\_loggn.alo  
Landscape empl. : c:\nonroad\data\allocate\RNC\_LSCA.ALO  
Coal mining empl. : c:\nonroad\data\allocate\NC\_coal.alo  
Manufacturing empl. : c:\nonroad\data\allocate\NC\_mnfg.alo  
Oil & Gas employees : c:\nonroad\data\allocate\NC\_oil.alo  
Census population : c:\nonroad\data\allocate\NC\_pop.alo  
RV Park establish. : c:\nonroad\data\allocate\NC\_rvprk.alo  
Snowmobiles : c:\nonroad\data\allocate\NC\_snowm.alo  
Snowblowers res. : c:\nonroad\data\allocate\NC\_sbr.alo  
Snowblowers comm. : c:\nonroad\data\allocate\NC\_sbc.alo  
Rec marine inbrd : c:\nonroad\data\allocate\NC\_wib.alo  
Rec marine outbrd : c:\nonroad\data\allocate\NC\_wob.alo  
/END/

-----  
This is the packet that defines the emssions factors  
files read by the model.

-----  
/EMFAC FILES/

THC exhaust : c:\nonroad\data\emsfac\exhthc.emf  
CO exhaust : c:\nonroad\data\emsfac\exhco.emf  
NOX exhaust : c:\nonroad\data\emsfac\exhnox.emf  
PM exhaust : c:\nonroad\data\emsfac\exhpm.emf  
BSFC : c:\nonroad\data\emsfac\bsfc.emf  
Crankcase : c:\nonroad\data\emsfac\crank.emf  
Spillage : c:\nonroad\data\emsfac\spillage.emf  
Diurnal : data\emsfac\evdiu.emf  
TANK PERM : data\emsfac\evtank.emf  
NON-RM HOSE PERM : data\emsfac\evhose.emf  
RM FILL NECK PERM : data\emsfac\evneck.emf  
RM SUPPLY/RETURN : data\emsfac\evsupret.emf  
RM VENT PERM : data\emsfac\evvent.emf  
HOT SOAKS : data\emsfac\evhotsk.emf  
RUNINGLOSS : data\emsfac\evrunls.emf  
/END/

-----  
This is the packet that defines the deterioration factors  
files read by the model.

-----  
/DETERIORATE FILES/

THC exhaust : c:\nonroad\data\detfac\exhthc.det  
CO exhaust : c:\nonroad\data\detfac\exhco.det  
NOX exhaust : c:\nonroad\data\detfac\exhnox.det  
PM exhaust : c:\nonroad\data\detfac\exhpm.det  
Diurnal : data\detfac\evdiu.det

```

TANK PERM          : data\detfac\evtank.det
NON-RM HOSE PERM   : data\detfac\evhose.det
RM FILL NECK PERM   : data\detfac\evneck.det
RM SUPPLY/RETURN    : data\detfac\evsupret.det
RM VENT PERM        : data\detfac\evvent.det
HOT SOAKS           : data\detfac\evhotsk.det
RUNINGLOSS          : data\detfac\evrunls.det
/END/

```

Optional Packets - Add initial slash "/" to activate

```

/STAGE II/
Control Factor      : 0.0
/END/
Enter percent control: 95 = 95% control = 0.05 x uncontrolled
Default should be zero control.

```

```

MODELYEAR OUT/
by-model-year out   : c:\nonroad\outputs\NC09Xb25.bmy
/END/

```

```

SI REPORT/
SI report file-CSV  :C:\NONROAD\OUTPUTS\NRPOLLUT.CSV
/END/

```

```

PM Base Sulfur
  cols 1-10: dsl tech type;
  11-20: base sulfur wt%; or '1.0' means no-adjust (cert= in-use)
  21-30: sulfate conversion rate
/PM BASE SULFUR/
T2          0.2000    0.02247
T3          0.2000    0.02247
T3B         0.0500    0.02247
T4A         0.0500    0.02247
T4B         0.0015    0.02247
T4          0.0015    0.30
T4N         0.0015    0.30
/END/

```

Written by Nonroad interface at 5/5/2005 5:12:20 PM  
Created by NCDENR DAQ on 05/04/2005 at 04:29 PM  
This is the options file for the NONROAD program.  
The data is sperated into "packets" bases on common  
information. Each packet is specified by an  
identifier and a terminator. Any notes or descriptions  
can be placed between the data packets.

-----  
PERIOD PACKET

This is the packet that defines the period for  
which emissions are to be estimated. The order of the  
records matter. The selection of certain parameters  
will cause some of the record that follow to be ignored.  
The order of the records is as follows:

- 1 - Char 10 - Period type for this simulation.  
Valid responses are: ANNUAL, SEASONAL, and MONTHLY
- 2 - Char 10 - Type of inventory produced.  
Valid responses are: TYPICAL DAY and PERIOD TOTAL
- 3 - Integer - year of episode (4 digit year)
- 4 - Char 10 - Month of episode (use complete name of month)
- 5 - Char 10 - Type of day  
Valid responses are: WEEKDAY and WEEKEND

-----  
/PERIOD/  
Period type : Seasonal  
Summation type : Period total  
Year of episode : 2008  
Season of year : Summer  
Month of year :  
Weekday or weekend : Weekday  
/END/  
-----

OPTIONS PACKET

This is the packet that defines some of the user  
options that drive the model. Most parameters are  
used to make episode specific emission factor  
adjustments. The order of the records is fixed.  
The order is as follows.

- 1 - Char 80 - First title on reports
  - 2 - Char 80 - Second title on reports
  - 3 - Real 10 - Fuel RVP of gasoline for this simulation
  - 4 - Real 10 - Oxygen weight percent of gasoline for simulation
  - 5 - Real 10 - Percent sulfur for gasoline
  - 6 - Real 10 - Percent sulfur for diesel
  - 7 - Real 10 - Percent sulfur for LPG/CNG
  - 8 - Real 10 - Minimum daily temperature (deg. F)
  - 9 - Real 10 - maximum daily temperature (deg. F)
  - 10 - Real 10 - Representative average daily temperature (deg. F)
  - 11 - Char 10 - Flag to determine if region is high altitude  
Valid responses are: HIGH and LOW
  - 12 - Char 10 - Flag to determine if RFG adjustments are made  
Valid responses are: YES and NO
-

```

/OPTIONS/
Title 1          : Rocky Mount Redesignation_2008_Land-based_v.NR2005a
Title 2          : NC County Temp 77; Summer
Fuel RVP for gas : 9.0
Oxygen Weight %  : 0.0
Gas sulfur %     : 0.0030
Diesel sulfur %  : 0.0500
CNG/LPG sulfur % : 0.003
Minimum temper (F) : 66.67
Maximum temper (F) : 87.33
Average temper (F) : 77
Altitude of region : LOW
/END/

```

-----

### REGION PACKET

This is the packet that defines the region for which emissions are to be estimated.

The first record tells the type of region and allocation to perform.

Valid responses are:

- US TOTAL - emissions are for entire USA without state breakout.
- 50STATE - emissions are for all 50 states and Washington D.C., by state.
- STATE - emissions are for a select group of states and are state-level estimates
- COUNTY - emissions are for a select group of counties and are county level estimates. If necessary, allocation from state to county will be performed.
- SUBCOUNTY - emissions are for the specified sub counties and are subcounty level estimates. If necessary, county to subcounty allocation will be performed.

The remaining records define the regions to be included. The type of data which must be specified depends on the region level.

- US TOTAL - Nothing needs to be specified. The FIPS code 00000 is used automatically.
- 50STATE - Nothing needs to be specified. The FIPS code 00000 is used automatically.
- STATE - state FIPS codes
- COUNTY - state or county FIPS codes. State FIPS code means include all counties in the state.
- SUBCOUNTY - county FIPS code and subregion code.

-----

/REGION/

```

Region Level      : COUNTY
EDGEcombe, NC    : 37065
NASH, NC         : 37127
/END/

```

-----

### SOURCE CATEGORY PACKET

This packet is used to tell the model which source categories are to be processed. It is optional. If used, only those source categories list will appear in the output data file. If the packet is not found, the model will process all source categories in the population files.

```

-----
/SOURCE CATEGORY/
                :2260000000
                :2265000000
                :2267000000
                :2268000000
                :2270000000
                :2285000000
/END/

```

```

Diesel Only -
                :2270000000
                :2282020000
                :2285002015
Spark Ignition Only -
                :2260000000
                :2265000000
                :2267000000
                :2268000000
                :2282005010
                :2282005015
                :2282010005
                :2285004015
                :2285006015

```

-----

This is the packet that lists the names of output files and some of the input data files read by the model. If a drive:\path\ is not given, the location of the NONROAD.EXE file itself is assumed. You will probably want to change the names of the Output and Message files to match that of the OPTion file, e.g., MICH-97.OPT, MICH-97.OUT, MICH-97.MSG, and if used MICH-97.AMS.

```

-----
/RUNFILES/
ALLOC XREF      : c:\nonroad\data\allocate\allocate.xrf
ACTIVITY        : c:\nonroad\data\activity\activity.dat
EXH TECHNOLOGY  : data\tech\tech-exh.dat
EVP TECHNOLOGY  : data\tech\tech-evp.dat
SEASONALITY     : c:\nonroad\data\season\rnc_seas.dat
REGIONS         : c:\nonroad\data\season\rnc_seas.dat
MESSAGE         : c:\nonroad\outputs\en08xa.msg
OUTPUT DATA    : c:\nonroad\outputs\en08xa.out
EPS2 AMS        : c:\nonroad\outputs\en08xa.eps
/END/

```

-----  
This is the packet that defines the equipment population  
files read by the model.  
-----

/POP FILES/  
POPULATION FILE : c:\nonroad\data\pop\NC.pop  
/END/

-----  
This is the packet that defines the growth files  
files read by the model.  
-----

/GROWTH FILES/  
National defaults : c:\nonroad\data\growth\nation.grw  
/END/

/ALLOC FILES/  
Air Transportation : c:\nonroad\data\allocate\RNC\_AIRT.ALO  
Contruction empl. : c:\nonroad\data\allocate\NC\_const.alo  
Harvested acres : c:\nonroad\data\allocate\NC\_farms.alo  
Golf course estab. : c:\nonroad\data\allocate\NC\_golf.alo  
Wholesale establis. : c:\nonroad\data\allocate\RNC\_HOLS.ALO  
Family housing : c:\nonroad\data\allocate\NC\_house.alo  
Logging empl. : c:\nonroad\data\allocate\NC\_loggn.alo  
Landscape empl. : c:\nonroad\data\allocate\RNC\_LSCA.ALO  
Coal mining empl. : c:\nonroad\data\allocate\NC\_coal.alo  
Manufacturing empl. : c:\nonroad\data\allocate\NC\_mnfg.alo  
Oil & Gas employees : c:\nonroad\data\allocate\NC\_oil.alo  
Census population : c:\nonroad\data\allocate\NC\_pop.alo  
RV Park establish. : c:\nonroad\data\allocate\NC\_rvprk.alo  
Snowmobiles : c:\nonroad\data\allocate\NC\_snowm.alo  
Snowblowers res. : c:\nonroad\data\allocate\NC\_sbr.alo  
Snowblowers comm. : c:\nonroad\data\allocate\NC\_sbc.alo  
Rec marine inbrd : c:\nonroad\data\allocate\NC\_wib.alo  
Rec marine outbrd : c:\nonroad\data\allocate\NC\_wob.alo  
/END/

-----  
This is the packet that defines the emssions factors  
files read by the model.  
-----

/EMFAC FILES/  
THC exhaust : c:\nonroad\data\emsfac\exhthc.emf  
CO exhaust : c:\nonroad\data\emsfac\exhco.emf  
NOX exhaust : c:\nonroad\data\emsfac\exhnox.emf  
PM exhaust : c:\nonroad\data\emsfac\exhpm.emf  
BSFC : c:\nonroad\data\emsfac\bsfc.emf  
Crankcase : c:\nonroad\data\emsfac\crank.emf  
Spillage : c:\nonroad\data\emsfac\spillage.emf  
Diurnal : data\emsfac\evdiu.emf  
TANK PERM : data\emsfac\evtank.emf  
NON-RM HOSE PERM : data\emsfac\evhose.emf  
RM FILL NECK PERM : data\emsfac\evneck.emf  
RM SUPPLY/RETURN : data\emsfac\evsupret.emf  
RM VENT PERM : data\emsfac\evvent.emf  
HOT SOAKS : data\emsfac\evhotsk.emf  
RUNINGLOSS : data\emsfac\evrunls.emf  
/END/

-----  
This is the packet that defines the deterioration factors  
files read by the model.  
-----

/DETERIORATE FILES/  
THC exhaust : c:\nonroad\data\detfac\exhthc.det  
CO exhaust : c:\nonroad\data\detfac\exhco.det  
NOX exhaust : c:\nonroad\data\detfac\exhnox.det  
PM exhaust : c:\nonroad\data\detfac\exhpm.det  
Diurnal : data\detfac\evdiu.det  
TANK PERM : data\detfac\evtank.det  
NON-RM HOSE PERM : data\detfac\evhose.det  
RM FILL NECK PERM : data\detfac\evneck.det  
RM SUPPLY/RETURN : data\detfac\evsupret.det  
RM VENT PERM : data\detfac\evvent.det  
HOT SOAKS : data\detfac\evhotsk.det  
RUNINGLOSS : data\detfac\evrunls.det  
/END/

Optional Packets - Add initial slash "/" to activate

/STAGE II/  
Control Factor : 0.0  
/END/  
Enter percent control: 95 = 95% control = 0.05 x uncontrolled  
Default should be zero control.

MODELYEAR OUT/  
by-model-year out : c:\nonroad\outputs\NC09Xa25.bmy  
/END/

SI REPORT/  
SI report file-CSV :C:\NONROAD\OUTPUTS\NRPOLLUT.CSV  
/END/

PM Base Sulfur  
cols 1-10: dsl tech type;  
11-20: base sulfur wt%; or '1.0' means no-adjust (cert= in-use)  
21-30: sulfate conversion rate  
/PM BASE SULFUR/  
T2 0.2000 0.02247  
T3 0.2000 0.02247  
T3B 0.0500 0.02247  
T4A 0.0500 0.02247  
T4B 0.0015 0.02247  
T4 0.0015 0.30  
T4N 0.0015 0.30  
/END/

Written by Nonroad interface at 5/9/2005 1:27:42 PM  
Created by NCDENR on 5/9/05.  
This is the options file for the NONROAD program.  
The data is sperated into "packets" bases on common  
information. Each packet is specified by an  
identifier and a terminator. Any notes or descriptions  
can be placed between the data packets.

-----  
PERIOD PACKET

This is the packet that defines the period for  
which emissions are to be estimated. The order of the  
records matter. The selection of certain parameters  
will cause some of the record that follow to be ignored.  
The order of the records is as follows:

- 1 - Char 10 - Period type for this simulation.  
Valid responses are: ANNUAL, SEASONAL, and MONTHLY
- 2 - Char 10 - Type of inventory produced.  
Valid responses are: TYPICAL DAY and PERIOD TOTAL
- 3 - Integer - year of episode (4 digit year)
- 4 - Char 10 - Month of episode (use complete name of month)
- 5 - Char 10 - Type of day  
Valid responses are: WEEKDAY and WEEKEND

-----  
/PERIOD/  
Period type : Seasonal  
Summation type : Period total  
Year of episode : 2008  
Season of year : Summer  
Month of year :  
Weekday or weekend : Weekday  
/END/  
-----

OPTIONS PACKET

This is the packet that defines some of the user  
options that drive the model. Most parameters are  
used to make episode specific emission factor  
adjustments. The order of the records is fixed.  
The order is as follows.

- 1 - Char 80 - First title on reports
  - 2 - Char 80 - Second title on reports
  - 3 - Real 10 - Fuel RVP of gasoline for this simulation
  - 4 - Real 10 - Oxygen weight percent of gasoline for simulation
  - 5 - Real 10 - Percent sulfur for gasoline
  - 6 - Real 10 - Percent sulfur for diesel
  - 7 - Real 10 - Percent sulfur for LPG/CNG
  - 8 - Real 10 - Minimum daily temperature (deg. F)
  - 9 - Real 10 - maximum daily temperature (deg. F)
  - 10 - Real 10 - Representative average daily temperature (deg. F)
  - 11 - Char 10 - Flag to determine if region is high altitude  
Valid responses are: HIGH and LOW
  - 12 - Char 10 - Flag to determine if RFG adjustments are made  
Valid responses are: YES and NO
-

```

/OPTIONS/
Title 1      : Rocky Mount Redesignation_2008_Marine_ver.NR2005a
Title 2      : NC County Temp 77; Summer
Fuel RVP for gas : 9.0
Oxygen Weight % : 0.0
Gas sulfur %   : 0.0030
Diesel sulfur % : 0.0500
CNG/LPG sulfur % : 0.003
Minimum temper (F) : 66.67
Maximum temper (F) : 87.33
Average temper (F) : 77
Altitude of region : LOW
/END/

```

-----

### REGION PACKET

This is the packet that defines the region for which emissions are to be estimated.

The first record tells the type of region and allocation to perform.

Valid responses are:

- US TOTAL - emissions are for entire USA without state breakout.
- 50STATE - emissions are for all 50 states and Washington D.C., by state.
- STATE - emissions are for a select group of states and are state-level estimates
- COUNTY - emissions are for a select group of counties and are county level estimates. If necessary, allocation from state to county will be performed.
- SUBCOUNTY - emissions are for the specified sub counties and are subcounty level estimates. If necessary, county to subcounty allocation will be performed.

The remaining records define the regions to be included. The type of data which must be specified depends on the region level.

- US TOTAL - Nothing needs to be specified. The FIPS code 00000 is used automatically.
- 50STATE - Nothing needs to be specified. The FIPS code 00000 is used automatically.
- STATE - state FIPS codes
- COUNTY - state or county FIPS codes. State FIPS code means include all counties in the state.
- SUBCOUNTY - county FIPS code and subregion code.

-----

/REGION/

Region Level : COUNTY  
EDGEcombe, NC : 37065  
NASH, NC : 37127  
/END/

-----  
SOURCE CATEGORY PACKET

This packet is used to tell the model which source categories are to be processed. It is optional. If used, only those source categories list will appear in the output data file. If the packet is not found, the model will process all source categories in the population files.

-----  
/SOURCE CATEGORY/  
:2282000000  
/END/

Diesel Only -  
:2282020000  
:2285002015  
Spark Ignition Only -  
:2282005010  
:2282005015  
:2282010005  
:2285004015  
:2285006015

-----  
This is the packet that lists the names of output files and some of the input data files read by the model. If a drive:\path\ is not given, the location of the NONROAD.EXE file itself is assumed. You will probably want to change the names of the Output and Message files to match that of the OPTION file, e.g., MICH-97.OPT, MICH-97.OUT, MICH-97.MSG, and if used MICH-97.AMS.

-----  
/RUNFILES/  
ALLOC XREF : c:\nonroad\data\allocate\allocate.xrf  
ACTIVITY : c:\nonroad\data\activity\activity.dat  
EXH TECHNOLOGY : data\tech\tech-exh.dat  
EVP TECHNOLOGY : data\tech\tech-evp.dat  
SEASONALITY : c:\nonroad\data\season\rnc\_seas.dat  
REGIONS : c:\nonroad\data\season\rnc\_seas.dat  
MESSAGE : c:\nonroad\outputs\en08xb.msg  
OUTPUT DATA : c:\nonroad\outputs\en08xb.out  
EPS2 AMS : c:\nonroad\outputs\en08xb.eps  
/END/

-----  
This is the packet that defines the equipment population files read by the model.

-----  
/POP FILES/  
POPULATION FILE : c:\nonroad\data\pop\NC.pop  
/END/

This is the packet that defines the growth files  
files read by the model.

-----  
/GROWTH FILES/

National defaults : c:\nonroad\data\growth\nation.grw  
/END/

/ALLOC FILES/

Air Transportation : c:\nonroad\data\allocate\RNC\_AIRT.ALO  
Contruction empl. : c:\nonroad\data\allocate\NC\_const.alo  
Harvested acres : c:\nonroad\data\allocate\NC\_farms.alo  
Golf course estab. : c:\nonroad\data\allocate\NC\_golf.alo  
Wholesale establis. : c:\nonroad\data\allocate\RNC\_HOLS.ALO  
Family housing : c:\nonroad\data\allocate\NC\_house.alo  
Logging empl. : c:\nonroad\data\allocate\NC\_loggn.alo  
Landscape empl. : c:\nonroad\data\allocate\RNC\_LSCA.ALO  
Coal mining empl. : c:\nonroad\data\allocate\NC\_coal.alo  
Manufacturing empl.: c:\nonroad\data\allocate\NC\_mnfg.alo  
Oil & Gas employees: c:\nonroad\data\allocate\NC\_oil.alo  
Census population : c:\nonroad\data\allocate\NC\_pop.alo  
RV Park establish. : c:\nonroad\data\allocate\NC\_rvprk.alo  
Snowmobiles : c:\nonroad\data\allocate\NC\_snowm.alo  
Snowblowers res. : c:\nonroad\data\allocate\NC\_sbr.alo  
Snowblowers comm. : c:\nonroad\data\allocate\NC\_sbc.alo  
Rec marine inbrd : c:\nonroad\data\allocate\NC\_wib.alo  
Rec marine outbrd : c:\nonroad\data\allocate\NC\_wob.alo  
/END/

-----  
This is the packet that defines the emssions factors  
files read by the model.

-----  
/EMFAC FILES/

THC exhaust : c:\nonroad\data\emsfac\exhthc.emf  
CO exhaust : c:\nonroad\data\emsfac\exhco.emf  
NOX exhaust : c:\nonroad\data\emsfac\exhnox.emf  
PM exhaust : c:\nonroad\data\emsfac\exhpm.emf  
BSFC : c:\nonroad\data\emsfac\bsfc.emf  
Crankcase : c:\nonroad\data\emsfac\crank.emf  
Spillage : c:\nonroad\data\emsfac\spillage.emf  
Diurnal : data\emsfac\evdiu.emf  
TANK PERM : data\emsfac\evtank.emf  
NON-RM HOSE PERM : data\emsfac\evhose.emf  
RM FILL NECK PERM : data\emsfac\evneck.emf  
RM SUPPLY/RETURN : data\emsfac\evsupret.emf  
RM VENT PERM : data\emsfac\evvent.emf  
HOT SOAKS : data\emsfac\evhotsk.emf  
RUNINGLOSS : data\emsfac\evrunls.emf  
/END/

-----  
This is the packet that defines the deterioration factors  
files read by the model.

-----  
/DETERIORATE FILES/

THC exhaust : c:\nonroad\data\detfac\exhthc.det  
CO exhaust : c:\nonroad\data\detfac\exhco.det  
NOX exhaust : c:\nonroad\data\detfac\exhnox.det  
PM exhaust : c:\nonroad\data\detfac\exhpm.det  
Diurnal : data\detfac\evdiu.det

```

TANK PERM          : data\detfac\evtank.det
NON-RM HOSE PERM   : data\detfac\evhose.det
RM FILL NECK PERM  : data\detfac\evneck.det
RM SUPPLY/RETURN   : data\detfac\evsupret.det
RM VENT PERM       : data\detfac\evvent.det
HOT SOAKS          : data\detfac\evhotsk.det
RUNINGLOSS         : data\detfac\evrunls.det
/END/

```

Optional Packets - Add initial slash "/" to activate

```

/STAGE II/
Control Factor      : 0.0
/END/
Enter percent control: 95 = 95% control = 0.05 x uncontrolled
Default should be zero control.

```

```

MODELYEAR OUT/
by-model-year out   : c:\nonroad\outputs\NC09Xb25.bmy
/END/

```

```

SI REPORT/
SI report file-CSV  :C:\NONROAD\OUTPUTS\NRPOLLUT.CSV
/END/

```

```

PM Base Sulfur
  cols 1-10: dsl tech type;
  11-20: base sulfur wt%; or '1.0' means no-adjust (cert= in-use)
  21-30: sulfate conversion rate
/PM BASE SULFUR/
T2      0.2000    0.02247
T3      0.2000    0.02247
T3B     0.0500    0.02247
T4A     0.0500    0.02247
T4B     0.0015    0.02247
T4      0.0015    0.30
T4N     0.0015    0.30
/END/

```

Written by Nonroad interface at 5/5/2005 5:12:20 PM  
Created by NCDENR DAQ on 05/04/2005 at 04:29 PM  
This is the options file for the NONROAD program.  
The data is sperated into "packets" bases on common  
information. Each packet is specified by an  
identifier and a terminator. Any notes or descriptions  
can be placed between the data packets.

-----  
PERIOD PACKET

This is the packet that defines the period for  
which emissions are to be estimated. The order of the  
records matter. The selection of certain parameters  
will cause some of the record that follow to be ignored.  
The order of the records is as follows:

- 1 - Char 10 - Period type for this simulation.  
Valid responses are: ANNUAL, SEASONAL, and MONTHLY
- 2 - Char 10 - Type of inventory produced.  
Valid responses are: TYPICAL DAY and PERIOD TOTAL
- 3 - Integer - year of episode (4 digit year)
- 4 - Char 10 - Month of episode (use complete name of month)
- 5 - Char 10 - Type of day  
Valid responses are: WEEKDAY and WEEKEND

-----  
/PERIOD/  
Period type : Seasonal  
Summation type : Period total  
Year of episode : 2011  
Season of year : Summer  
Month of year :  
Weekday or weekend : Weekday  
/END/  
-----

OPTIONS PACKET

This is the packet that defines some of the user  
options that drive the model. Most parameters are  
used to make episode specific emission factor  
adjustments. The order of the records is fixed.  
The order is as follows.

- 1 - Char 80 - First title on reports
  - 2 - Char 80 - Second title on reports
  - 3 - Real 10 - Fuel RVP of gasoline for this simulation
  - 4 - Real 10 - Oxygen weight percent of gasoline for simulation
  - 5 - Real 10 - Percent sulfur for gasoline
  - 6 - Real 10 - Percent sulfur for diesel
  - 7 - Real 10 - Percent sulfur for LPG/CNG
  - 8 - Real 10 - Minimum daily temperature (deg. F)
  - 9 - Real 10 - maximum daily temperature (deg. F)
  - 10 - Real 10 - Representative average daily temperature (deg. F)
  - 11 - Char 10 - Flag to determine if region is high altitude  
Valid responses are: HIGH and LOW
  - 12 - Char 10 - Flag to determine if RFG adjustments are made  
Valid responses are: YES and NO
-

```

/OPTIONS/
Title 1      : Rocky Mount Redesignation_2011_Land-based_ver.NR2005a
Title 2      : NC County Temp 77; Summer
Fuel RVP for gas : 9.0
Oxygen Weight % : 0.0
Gas sulfur %    : 0.0030
Diesel sulfur % : 0.0015
CNG/LPG sulfur % : 0.003
Minimum temper (F) : 66.67
Maximum temper (F) : 87.33
Average temper (F) : 77
Altitude of region : LOW
/END/

```

-----

### REGION PACKET

This is the packet that defines the region for which emissions are to be estimated.

The first record tells the type of region and allocation to perform.

Valid responses are:

- US TOTAL - emissions are for entire USA without state breakout.
- 50STATE - emissions are for all 50 states and Washington D.C., by state.
- STATE - emissions are for a select group of states and are state-level estimates
- COUNTY - emissions are for a select group of counties and are county level estimates. If necessary, allocation from state to county will be performed.
- SUBCOUNTY - emissions are for the specified sub counties and are subcounty level estimates. If necessary, county to subcounty allocation will be performed.

The remaining records define the regions to be included. The type of data which must be specified depends on the region level.

- US TOTAL - Nothing needs to be specified. The FIPS code 00000 is used automatically.
- 50STATE - Nothing needs to be specified. The FIPS code 00000 is used automatically.
- STATE - state FIPS codes
- COUNTY - state or county FIPS codes. State FIPS code means include all counties in the state.
- SUBCOUNTY - county FIPS code and subregion code.

-----

/REGION/

Region Level : COUNTY  
EDGEcombe, NC : 37065  
NASH, NC : 37127  
/END/

-----  
SOURCE CATEGORY PACKET

This packet is used to tell the model which source categories are to be processed. It is optional. If used, only those source categories list will appear in the output data file. If the packet is not found, the model will process all source categories in the population files.

-----  
/SOURCE CATEGORY/  
:2260000000  
:2265000000  
:2267000000  
:2268000000  
:2270000000  
:2285000000  
/END/

Diesel Only -  
:2270000000  
:2282020000  
:2285002015  
Spark Ignition Only -  
:2260000000  
:2265000000  
:2267000000  
:2268000000  
:2282005010  
:2282005015  
:2282010005  
:2285004015  
:2285006015

-----  
This is the packet that lists the names of output files and some of the input data files read by the model. If a drive:\path\ is not given, the location of the NONROAD.EXE file itself is assumed. You will probably want to change the names of the Output and Message files to match that of the OPTion file, e.g., MICH-97.OPT, MICH-97.OUT, MICH-97.MSG, and if used MICH-97.AMS.

-----  
/RUNFILES/  
ALLOC XREF : c:\nonroad\data\allocate\allocate.xrf  
ACTIVITY : c:\nonroad\data\activity\activity.dat  
EXH TECHNOLOGY : data\tech\tech-exh.dat  
EVP TECHNOLOGY : data\tech\tech-evp.dat  
SEASONALITY : c:\nonroad\data\season\rnc\_seas.dat  
REGIONS : c:\nonroad\data\season\rnc\_seas.dat  
MESSAGE : c:\nonroad\outputs\enllxa.msg  
OUTPUT DATA : c:\nonroad\outputs\enllxa.out  
EPS2 AMS : c:\nonroad\outputs\enllxa.eps  
/END/

-----  
This is the packet that defines the equipment population  
files read by the model.  
-----

/POP FILES/  
POPULATION FILE : c:\nonroad\data\pop\NC.pop  
/END/

-----  
This is the packet that defines the growth files  
files read by the model.  
-----

/GROWTH FILES/  
National defaults : c:\nonroad\data\growth\nation.grw  
/END/

/ALLOC FILES/  
Air Transportation : c:\nonroad\data\allocate\RNC\_AIRT.ALO  
Contruction empl. : c:\nonroad\data\allocate\NC\_const.alo  
Harvested acres : c:\nonroad\data\allocate\NC\_farms.alo  
Golf course estab. : c:\nonroad\data\allocate\NC\_golf.alo  
Wholesale establis. : c:\nonroad\data\allocate\RNC\_HOLS.ALO  
Family housing : c:\nonroad\data\allocate\NC\_house.alo  
Logging empl. : c:\nonroad\data\allocate\NC\_loggn.alo  
Landscape empl. : c:\nonroad\data\allocate\RNC\_LSCA.ALO  
Coal mining empl. : c:\nonroad\data\allocate\NC\_coal.alo  
Manufacturing empl. : c:\nonroad\data\allocate\NC\_mnfg.alo  
Oil & Gas employees : c:\nonroad\data\allocate\NC\_oil.alo  
Census population : c:\nonroad\data\allocate\NC\_pop.alo  
RV Park establish. : c:\nonroad\data\allocate\NC\_rvprk.alo  
Snowmobiles : c:\nonroad\data\allocate\NC\_snowm.alo  
Snowblowers res. : c:\nonroad\data\allocate\NC\_sbr.alo  
Snowblowers comm. : c:\nonroad\data\allocate\NC\_sbc.alo  
Rec marine inbrd : c:\nonroad\data\allocate\NC\_wib.alo  
Rec marine outbrd : c:\nonroad\data\allocate\NC\_wob.alo  
/END/

-----  
This is the packet that defines the emssions factors  
files read by the model.  
-----

/EMFAC FILES/  
THC exhaust : c:\nonroad\data\emsfac\exhthc.emf  
CO exhaust : c:\nonroad\data\emsfac\exhco.emf  
NOX exhaust : c:\nonroad\data\emsfac\exhnox.emf  
PM exhaust : c:\nonroad\data\emsfac\exhpm.emf  
BSFC : c:\nonroad\data\emsfac\bsfc.emf  
Crankcase : c:\nonroad\data\emsfac\crank.emf  
Spillage : c:\nonroad\data\emsfac\spillage.emf  
Diurnal : data\emsfac\evdiu.emf  
TANK PERM : data\emsfac\evtank.emf  
NON-RM HOSE PERM : data\emsfac\evhose.emf  
RM FILL NECK PERM : data\emsfac\evneck.emf  
RM SUPPLY/RETURN : data\emsfac\evsupret.emf  
RM VENT PERM : data\emsfac\evvent.emf  
HOT SOAKS : data\emsfac\evhotsk.emf  
RUNINGLOSS : data\emsfac\evrunls.emf  
/END/

-----  
This is the packet that defines the deterioration factors  
files read by the model.  
-----

```
/DETERIORATE FILES/
THC exhaust      : c:\nonroad\data\detfac\exhthc.det
CO exhaust       : c:\nonroad\data\detfac\exhco.det
NOX exhaust      : c:\nonroad\data\detfac\exhnox.det
PM exhaust       : c:\nonroad\data\detfac\exhpm.det
Diurnal          : data\detfac\evdiu.det
TANK PERM        : data\detfac\evtank.det
NON-RM HOSE PERM : data\detfac\evhose.det
RM FILL NECK PERM : data\detfac\evneck.det
RM SUPPLY/RETURN : data\detfac\evsupret.det
RM VENT PERM     : data\detfac\evvent.det
HOT SOAKS        : data\detfac\evhotsk.det
RUNINGLOSS       : data\detfac\evrunls.det
/END/
```

Optional Packets - Add initial slash "/" to activate

```
/STAGE II/
Control Factor      : 0.0
/END/
Enter percent control: 95 = 95% control = 0.05 x uncontrolled
Default should be zero control.
```

```
MODELYEAR OUT/
by-model-year out   : c:\nonroad\outputs\NC09Xa25.bmy
/END/
```

```
SI REPORT/
SI report file-CSV :C:\NONROAD\OUTPUTS\NRPOLLUT.CSV
/END/
```

```
PM Base Sulfur
  cols 1-10: dsl tech type;
  11-20: base sulfur wt%; or '1.0' means no-adjust (cert= in-use)
  21-30: sulfate conversion rate
/PM BASE SULFUR/
T2      0.2000    0.02247
T3      0.2000    0.02247
T3B     0.0500    0.02247
T4A     0.0500    0.02247
T4B     0.0015    0.02247
T4      0.0015    0.30
T4N     0.0015    0.30
/END/
```

Written by Nonroad interface at 5/9/2005 1:27:42 PM  
Created by NCDENR on 5/9/05.  
This is the options file for the NONROAD program.  
The data is sperated into "packets" bases on common  
information. Each packet is specified by an  
identifier and a terminator. Any notes or descriptions  
can be placed between the data packets.

-----  
PERIOD PACKET

This is the packet that defines the period for  
which emissions are to be estimated. The order of the  
records matter. The selection of certain parameters  
will cause some of the record that follow to be ignored.  
The order of the records is as follows:

- 1 - Char 10 - Period type for this simulation.  
Valid responses are: ANNUAL, SEASONAL, and MONTHLY
- 2 - Char 10 - Type of inventory produced.  
Valid responses are: TYPICAL DAY and PERIOD TOTAL
- 3 - Integer - year of episode (4 digit year)
- 4 - Char 10 - Month of episode (use complete name of month)
- 5 - Char 10 - Type of day  
Valid responses are: WEEKDAY and WEEKEND

-----  
/PERIOD/  
Period type : Seasonal  
Summation type : Period total  
Year of episode : 2011  
Season of year : Summer  
Month of year :  
Weekday or weekend : Weekday  
/END/  
-----

OPTIONS PACKET

This is the packet that defines some of the user  
options that drive the model. Most parameters are  
used to make episode specific emission factor  
adjustments. The order of the records is fixed.  
The order is as follows.

- 1 - Char 80 - First title on reports
  - 2 - Char 80 - Second title on reports
  - 3 - Real 10 - Fuel RVP of gasoline for this simulation
  - 4 - Real 10 - Oxygen weight percent of gasoline for simulation
  - 5 - Real 10 - Percent sulfur for gasoline
  - 6 - Real 10 - Percent sulfur for diesel
  - 7 - Real 10 - Percent sulfur for LPG/CNG
  - 8 - Real 10 - Minimum daily temperature (deg. F)
  - 9 - Real 10 - maximum daily temperature (deg. F)
  - 10 - Real 10 - Representative average daily temperature (deg. F)
  - 11 - Char 10 - Flag to determine if region is high altitude  
Valid responses are: HIGH and LOW
  - 12 - Char 10 - Flag to determine if RFG adjustments are made  
Valid responses are: YES and NO
-

```

/OPTIONS/
Title 1      : Rocky Mount Redesignation_2011_Marine_ver.NR2005a
Title 2      : NC County Temp 77; Summer
Fuel RVP for gas : 9.0
Oxygen Weight % : 0.0
Gas sulfur %    : 0.0030
Diesel sulfur % : 0.0015
CNG/LPG sulfur % : 0.003
Minimum temper (F) : 66.67
Maximum temper (F) : 87.33
Average temper (F) : 77
Altitude of region : LOW
/END/

```

-----

### REGION PACKET

This is the packet that defines the region for which emissions are to be estimated.

The first record tells the type of region and allocation to perform.

Valid responses are:

- US TOTAL - emissions are for entire USA without state breakout.
- 50STATE - emissions are for all 50 states and Washington D.C., by state.
- STATE - emissions are for a select group of states and are state-level estimates
- COUNTY - emissions are for a select group of counties and are county level estimates. If necessary, allocation from state to county will be performed.
- SUBCOUNTY - emissions are for the specified sub counties and are subcounty level estimates. If necessary, county to subcounty allocation will be performed.

The remaining records define the regions to be included. The type of data which must be specified depends on the region level.

- US TOTAL - Nothing needs to be specified. The FIPS code 00000 is used automatically.
- 50STATE - Nothing needs to be specified. The FIPS code 00000 is used automatically.
- STATE - state FIPS codes
- COUNTY - state or county FIPS codes. State FIPS code means include all counties in the state.
- SUBCOUNTY - county FIPS code and subregion code.

-----

/REGION/

Region Level : COUNTY  
EDGEcombe, NC : 37065  
NASH, NC : 37127  
/END/

-----  
SOURCE CATEGORY PACKET

This packet is used to tell the model which source categories are to be processed. It is optional. If used, only those source categories list will appear in the output data file. If the packet is not found, the model will process all source categories in the population files.

-----  
/SOURCE CATEGORY/  
:2282000000  
/END/

Diesel Only -  
:2282020000  
:2285002015  
Spark Ignition Only -  
:2282005010  
:2282005015  
:2282010005  
:2285004015  
:2285006015

-----  
This is the packet that lists the names of output files and some of the input data files read by the model. If a drive:\path\ is not given, the location of the NONROAD.EXE file itself is assumed. You will probably want to change the names of the Output and Message files to match that of the OPTION file, e.g., MICH-97.OPT, MICH-97.OUT, MICH-97.MSG, and if used MICH-97.AMS.

-----  
/RUNFILES/  
ALLOC XREF : c:\nonroad\data\allocate\allocate.xrf  
ACTIVITY : c:\nonroad\data\activity\activity.dat  
EXH TECHNOLOGY : data\tech\tech-exh.dat  
EVP TECHNOLOGY : data\tech\tech-evp.dat  
SEASONALITY : c:\nonroad\data\season\rnc\_seas.dat  
REGIONS : c:\nonroad\data\season\rnc\_seas.dat  
MESSAGE : c:\nonroad\outputs\enllxb.msg  
OUTPUT DATA : c:\nonroad\outputs\enllxb.out  
EPS2 AMS : c:\nonroad\outputs\enllxb.eps  
/END/

-----  
This is the packet that defines the equipment population files read by the model.

-----  
/POP FILES/  
POPULATION FILE : c:\nonroad\data\pop\NC.pop  
/END/

This is the packet that defines the growth files  
files read by the model.

-----  
/GROWTH FILES/

National defaults : c:\nonroad\data\growth\nation.grw  
/END/

/ALLOC FILES/

Air Transportation : c:\nonroad\data\allocate\RNC\_AIRT.ALO  
Contruction empl. : c:\nonroad\data\allocate\NC\_const.alo  
Harvested acres : c:\nonroad\data\allocate\NC\_farms.alo  
Golf course estab. : c:\nonroad\data\allocate\NC\_golf.alo  
Wholesale establis. : c:\nonroad\data\allocate\RNC\_HOLS.ALO  
Family housing : c:\nonroad\data\allocate\NC\_house.alo  
Logging empl. : c:\nonroad\data\allocate\NC\_loggn.alo  
Landscape empl. : c:\nonroad\data\allocate\RNC\_LSCA.ALO  
Coal mining empl. : c:\nonroad\data\allocate\NC\_coal.alo  
Manufacturing empl. : c:\nonroad\data\allocate\NC\_mnfg.alo  
Oil & Gas employees : c:\nonroad\data\allocate\NC\_oil.alo  
Census population : c:\nonroad\data\allocate\NC\_pop.alo  
RV Park establish. : c:\nonroad\data\allocate\NC\_rvprk.alo  
Snowmobiles : c:\nonroad\data\allocate\NC\_snowm.alo  
Snowblowers res. : c:\nonroad\data\allocate\NC\_sbr.alo  
Snowblowers comm. : c:\nonroad\data\allocate\NC\_sbc.alo  
Rec marine inbrd : c:\nonroad\data\allocate\NC\_wib.alo  
Rec marine outbrd : c:\nonroad\data\allocate\NC\_wob.alo  
/END/

-----  
This is the packet that defines the emssions factors  
files read by the model.

-----  
/EMFAC FILES/

THC exhaust : c:\nonroad\data\emsfac\exhthc.emf  
CO exhaust : c:\nonroad\data\emsfac\exhco.emf  
NOX exhaust : c:\nonroad\data\emsfac\exhnox.emf  
PM exhaust : c:\nonroad\data\emsfac\exhpm.emf  
BSFC : c:\nonroad\data\emsfac\bsfc.emf  
Crankcase : c:\nonroad\data\emsfac\crank.emf  
Spillage : c:\nonroad\data\emsfac\spillage.emf  
Diurnal : data\emsfac\evdiu.emf  
TANK PERM : data\emsfac\evtank.emf  
NON-RM HOSE PERM : data\emsfac\evhose.emf  
RM FILL NECK PERM : data\emsfac\evneck.emf  
RM SUPPLY/RETURN : data\emsfac\evsupret.emf  
RM VENT PERM : data\emsfac\evvent.emf  
HOT SOAKS : data\emsfac\evhotsk.emf  
RUNINGLOSS : data\emsfac\evrunls.emf  
/END/

-----  
This is the packet that defines the deterioration factors  
files read by the model.

-----  
/DETERIORATE FILES/

THC exhaust : c:\nonroad\data\detfac\exhthc.det  
CO exhaust : c:\nonroad\data\detfac\exhco.det  
NOX exhaust : c:\nonroad\data\detfac\exhnox.det  
PM exhaust : c:\nonroad\data\detfac\exhpm.det  
Diurnal : data\detfac\evdiu.det

```

TANK PERM          : data\detfac\evtank.det
NON-RM HOSE PERM   : data\detfac\evhose.det
RM FILL NECK PERM  : data\detfac\evneck.det
RM SUPPLY/RETURN   : data\detfac\evsupret.det
RM VENT PERM       : data\detfac\evvent.det
HOT SOAKS          : data\detfac\evhotsk.det
RUNINGLOSS         : data\detfac\evrunls.det
/END/

```

Optional Packets - Add initial slash "/" to activate

```

/STAGE II/
Control Factor      : 0.0
/END/
Enter percent control: 95 = 95% control = 0.05 x uncontrolled
Default should be zero control.

```

```

MODELYEAR OUT/
by-model-year out   : c:\nonroad\outputs\NC09Xb25.bmy
/END/

```

```

SI REPORT/
SI report file-CSV  :C:\NONROAD\OUTPUTS\NRPOLLUT.CSV
/END/

```

```

PM Base Sulfur
  cols 1-10: dsl tech type;
  11-20: base sulfur wt%; or '1.0' means no-adjust (cert= in-use)
  21-30: sulfate conversion rate
/PM BASE SULFUR/
T2          0.2000    0.02247
T3          0.2000    0.02247
T3B         0.0500    0.02247
T4A         0.0500    0.02247
T4B         0.0015    0.02247
T4          0.0015    0.30
T4N         0.0015    0.30
/END/

```

Written by Nonroad interface at 2/13/2006 1:00:05 PM  
Created by NCDENR DAQ on 05/04/2005 at 04:29 PM  
This is the options file for the NONROAD program.  
The data is sperated into "packets" bases on common  
information. Each packet is specified by an  
identifier and a terminator. Any notes or descriptions  
can be placed between the data packets.

-----  
PERIOD PACKET

This is the packet that defines the period for  
which emissions are to be estimated. The order of the  
records matter. The selection of certain parameters  
will cause some of the record that follow to be ignored.  
The order of the records is as follows:

- 1 - Char 10 - Period type for this simulation.  
Valid responses are: ANNUAL, SEASONAL, and MONTHLY
- 2 - Char 10 - Type of inventory produced.  
Valid responses are: TYPICAL DAY and PERIOD TOTAL
- 3 - Integer - year of episode (4 digit year)
- 4 - Char 10 - Month of episode (use complete name of month)
- 5 - Char 10 - Type of day  
Valid responses are: WEEKDAY and WEEKEND

-----  
/PERIOD/  
Period type : Seasonal  
Summation type : Period total  
Year of episode : 2014  
Season of year : Summer  
Month of year :  
Weekday or weekend : Weekday  
/END/  
-----

-----  
OPTIONS PACKET

This is the packet that defines some of the user  
options that drive the model. Most parameters are  
used to make episode specific emission factor  
adjustments. The order of the records is fixed.  
The order is as follows.

- 1 - Char 80 - First title on reports
  - 2 - Char 80 - Second title on reports
  - 3 - Real 10 - Fuel RVP of gasoline for this simulation
  - 4 - Real 10 - Oxygen weight percent of gasoline for simulation
  - 5 - Real 10 - Percent sulfur for gasoline
  - 6 - Real 10 - Percent sulfur for diesel
  - 7 - Real 10 - Percent sulfur for LPG/CNG
  - 8 - Real 10 - Minimum daily temperature (deg. F)
  - 9 - Real 10 - maximum daily temperature (deg. F)
  - 10 - Real 10 - Representative average daily temperature (deg. F)
  - 11 - Char 10 - Flag to determine if region is high altitude  
Valid responses are: HIGH and LOW
  - 12 - Char 10 - Flag to determine if RFG adjustments are made  
Valid responses are: YES and NO
-

```

/OPTIONS/
Title 1          : Rocky Mount Redesignation_2014_Land-based_ver.NR2005a
Title 2          : NC County Temp 77; Summer
Fuel RVP for gas : 9.0
Oxygen Weight %  : 0.0
Gas sulfur %     : 0.0030
Diesel sulfur %  : 0.0015
CNG/LPG sulfur % : 0.003
Minimum temper (F) : 66.67
Maximum temper (F) : 87.33
Average temper (F) : 77
Altitude of region : LOW
/END/

```

-----

### REGION PACKET

This is the packet that defines the region for which emissions are to be estimated.

The first record tells the type of region and allocation to perform.

Valid responses are:

- US TOTAL - emissions are for entire USA without state breakout.
- 50STATE - emissions are for all 50 states and Washington D.C., by state.
- STATE - emissions are for a select group of states and are state-level estimates
- COUNTY - emissions are for a select group of counties and are county level estimates. If necessary, allocation from state to county will be performed.
- SUBCOUNTY - emissions are for the specified sub counties and are subcounty level estimates. If necessary, county to subcounty allocation will be performed.

The remaining records define the regions to be included. The type of data which must be specified depends on the region level.

- US TOTAL - Nothing needs to be specified. The FIPS code 00000 is used automatically.
- 50STATE - Nothing needs to be specified. The FIPS code 00000 is used automatically.
- STATE - state FIPS codes
- COUNTY - state or county FIPS codes. State FIPS code means include all counties in the state.
- SUBCOUNTY - county FIPS code and subregion code.

-----

/REGION/

Region Level : COUNTY  
EDGEcombe, NC : 37065  
NASH, NC : 37127  
/END/

-----  
SOURCE CATEGORY PACKET

This packet is used to tell the model which source categories are to be processed. It is optional. If used, only those source categories list will appear in the output data file. If the packet is not found, the model will process all source categories in the population files.

-----  
/SOURCE CATEGORY/  
:2260000000  
:2265000000  
:2267000000  
:2268000000  
:2270000000  
:2285000000  
/END/

Diesel Only -  
:2270000000  
:2282020000  
:2285002015  
Spark Ignition Only -  
:2260000000  
:2265000000  
:2267000000  
:2268000000  
:2282005010  
:2282005015  
:2282010005  
:2285004015  
:2285006015

-----  
This is the packet that lists the names of output files and some of the input data files read by the model. If a drive:\path\ is not given, the location of the NONROAD.EXE file itself is assumed. You will probably want to change the names of the Output and Message files to match that of the OPTion file, e.g., MICH-97.OPT, MICH-97.OUT, MICH-97.MSG, and if used MICH-97.AMS.

-----  
/RUNFILES/  
ALLOC XREF : c:\nonroad\data\allocate\allocate.xrf  
ACTIVITY : c:\nonroad\data\activity\activity.dat  
EXH TECHNOLOGY : data\tech\tech-exh.dat  
EVP TECHNOLOGY : data\tech\tech-evp.dat  
SEASONALITY : c:\nonroad\data\season\rnc\_seas.dat  
REGIONS : c:\nonroad\data\season\rnc\_seas.dat  
MESSAGE : c:\nonroad\outputs\enl4xa.msg  
OUTPUT DATA : c:\nonroad\outputs\enl4xa.out  
EPS2 AMS : c:\nonroad\outputs\enl4xa.eps  
US COUNTIES FIPS :

RETROFIT :  
/END/

-----  
This is the packet that defines the equipment population  
files read by the model.  
-----

/POP FILES/  
POPULATION FILE : c:\nonroad\data\pop\NC.pop  
/END/

-----  
This is the packet that defines the growth files  
files read by the model.  
-----

/GROWTH FILES/  
National defaults : c:\nonroad\data\growth\nation.grw  
/END/

/ALLOC FILES/  
Air Transportation : c:\nonroad\data\allocate\RNC\_AIRT.ALO  
Contruction empl. : c:\nonroad\data\allocate\NC\_const.alo  
Harvested acres : c:\nonroad\data\allocate\NC\_farms.alo  
Golf course estab. : c:\nonroad\data\allocate\NC\_golf.alo  
Wholesale establis. : c:\nonroad\data\allocate\RNC\_HOLS.ALO  
Family housing : c:\nonroad\data\allocate\NC\_house.alo  
Logging empl. : c:\nonroad\data\allocate\NC\_loggn.alo  
Landscape empl. : c:\nonroad\data\allocate\RNC\_LSCA.ALO  
Coal mining empl. : c:\nonroad\data\allocate\NC\_coal.alo  
Manufacturing empl. : c:\nonroad\data\allocate\NC\_mnfg.alo  
Oil & Gas employees : c:\nonroad\data\allocate\NC\_oil.alo  
Census population : c:\nonroad\data\allocate\NC\_pop.alo  
RV Park establish. : c:\nonroad\data\allocate\NC\_rvprk.alo  
Snowmobiles : c:\nonroad\data\allocate\NC\_snowm.alo  
Snowblowers res. : c:\nonroad\data\allocate\NC\_sbr.alo  
Snowblowers comm. : c:\nonroad\data\allocate\NC\_sbc.alo  
Rec marine inbrd : c:\nonroad\data\allocate\NC\_wib.alo  
Rec marine outbrd : c:\nonroad\data\allocate\NC\_wob.alo  
/END/

-----  
This is the packet that defines the emssions factors  
files read by the model.  
-----

/EMFAC FILES/  
THC exhaust : c:\nonroad\data\emsfac\exhthc.emf  
CO exhaust : c:\nonroad\data\emsfac\exhco.emf  
NOX exhaust : c:\nonroad\data\emsfac\exhnox.emf  
PM exhaust : c:\nonroad\data\emsfac\exhpm.emf  
BSFC : c:\nonroad\data\emsfac\bsfc.emf  
Crankcase : c:\nonroad\data\emsfac\crank.emf  
Spillage : c:\nonroad\data\emsfac\spillage.emf  
Diurnal : data\emsfac\evdiu.emf  
TANK PERM : c:\nonroad\data\emsfac\evtank.emf  
NON-RM HOSE PERM : c:\nonroad\data\emsfac\evhose.emf  
RM FILL NECK PERM : c:\nonroad\data\emsfac\evneck.emf  
RM SUPPLY/RETURN : c:\nonroad\data\emsfac\evsupret.emf  
RM VENT PERM : c:\nonroad\data\emsfac\evvent.emf  
HOT SOAKS : c:\nonroad\data\emsfac\evhotsk.emf  
RUNINGLOSS : c:\nonroad\data\emsfac\evrunls.emf

/END/

-----  
This is the packet that defines the deterioration factors  
files read by the model.  
-----

/DETERIORATE FILES/

THC exhaust : c:\nonroad\data\detfac\exhthc.det  
CO exhaust : c:\nonroad\data\detfac\exhco.det  
NOX exhaust : c:\nonroad\data\detfac\exhnox.det  
PM exhaust : c:\nonroad\data\detfac\exhpm.det  
Diurnal : data\detfac\evdiu.det

/END/

Optional Packets - Add initial slash "/" to activate

/STAGE II/

Control Factor : 0.0

/END/

Enter percent control: 95 = 95% control = 0.05 x uncontrolled  
Default should be zero control.

MODELYEAR OUT/

by-model-year out : c:\nonroad\outputs\NC09Xa25.bmy

/END/

SI REPORT/

SI report file-CSV :C:\NONROAD\OUTPUTS\NRPOLLUT.CSV

/END/

PM Base Sulfur

cols 1-10: dsl tech type;

11-20: base sulfur wt%; or '1.0' means no-adjust (cert= in-use)

21-30: sulfate conversion rate

/PM BASE SULFUR/

T2	0.2000	0.02247
T3	0.2000	0.02247
T3B	0.0500	0.02247
T4A	0.0500	0.02247
T4B	0.0015	0.02247
T4	0.0015	0.30
T4N	0.0015	0.30

/END/

Written by Nonroad interface at 2/13/2006 12:59:54 PM  
Created by NCDENR on 5/9/05.  
This is the options file for the NONROAD program.  
The data is sperated into "packets" bases on common  
information. Each packet is specified by an  
identifier and a terminator. Any notes or descriptions  
can be placed between the data packets.

-----  
PERIOD PACKET

This is the packet that defines the period for  
which emissions are to be estimated. The order of the  
records matter. The selection of certain parameters  
will cause some of the record that follow to be ignored.  
The order of the records is as follows:

- 1 - Char 10 - Period type for this simulation.  
Valid responses are: ANNUAL, SEASONAL, and MONTHLY
- 2 - Char 10 - Type of inventory produced.  
Valid responses are: TYPICAL DAY and PERIOD TOTAL
- 3 - Integer - year of episode (4 digit year)
- 4 - Char 10 - Month of episode (use complete name of month)
- 5 - Char 10 - Type of day  
Valid responses are: WEEKDAY and WEEKEND

-----  
/PERIOD/  
Period type : Seasonal  
Summation type : Period total  
Year of episode : 2014  
Season of year : Summer  
Month of year :  
Weekday or weekend : Weekday  
/END/  
-----

OPTIONS PACKET

This is the packet that defines some of the user  
options that drive the model. Most parameters are  
used to make episode specific emission factor  
adjustments. The order of the records is fixed.  
The order is as follows.

- 1 - Char 80 - First title on reports
  - 2 - Char 80 - Second title on reports
  - 3 - Real 10 - Fuel RVP of gasoline for this simulation
  - 4 - Real 10 - Oxygen weight percent of gasoline for simulation
  - 5 - Real 10 - Percent sulfur for gasoline
  - 6 - Real 10 - Percent sulfur for diesel
  - 7 - Real 10 - Percent sulfur for LPG/CNG
  - 8 - Real 10 - Minimum daily temperature (deg. F)
  - 9 - Real 10 - maximum daily temperature (deg. F)
  - 10 - Real 10 - Representative average daily temperature (deg. F)
  - 11 - Char 10 - Flag to determine if region is high altitude  
Valid responses are: HIGH and LOW
  - 12 - Char 10 - Flag to determine if RFG adjustments are made  
Valid responses are: YES and NO
-

```

/OPTIONS/
Title 1      : Rocky Mount Redesignation_2014_Marine_ver.NR2005a
Title 2      : NC County Temp 77; Summer
Fuel RVP for gas : 9.0
Oxygen Weight % : 0.0
Gas sulfur %   : 0.0030
Diesel sulfur % : 0.0015
CNG/LPG sulfur % : 0.003
Minimum temper (F) : 66.67
Maximum temper (F) : 87.33
Average temper (F) : 77
Altitude of region : LOW
/END/

```

-----

### REGION PACKET

This is the packet that defines the region for which emissions are to be estimated.

The first record tells the type of region and allocation to perform.

Valid responses are:

- US TOTAL - emissions are for entire USA without state breakout.
- 50STATE - emissions are for all 50 states and Washington D.C., by state.
- STATE - emissions are for a select group of states and are state-level estimates
- COUNTY - emissions are for a select group of counties and are county level estimates. If necessary, allocation from state to county will be performed.
- SUBCOUNTY - emissions are for the specified sub counties and are subcounty level estimates. If necessary, county to subcounty allocation will be performed.

The remaining records define the regions to be included. The type of data which must be specified depends on the region level.

- US TOTAL - Nothing needs to be specified. The FIPS code 00000 is used automatically.
- 50STATE - Nothing needs to be specified. The FIPS code 00000 is used automatically.
- STATE - state FIPS codes
- COUNTY - state or county FIPS codes. State FIPS code means include all counties in the state.
- SUBCOUNTY - county FIPS code and subregion code.

-----

/REGION/

Region Level : COUNTY  
EDGEcombe, NC : 37065  
NASH, NC : 37127  
/END/

-----  
SOURCE CATEGORY PACKET

This packet is used to tell the model which source categories are to be processed. It is optional. If used, only those source categories list will appear in the output data file. If the packet is not found, the model will process all source categories in the population files.

-----  
/SOURCE CATEGORY/  
:2282000000  
/END/

Diesel Only -  
:2282020000  
:2285002015  
Spark Ignition Only -  
:2282005010  
:2282005015  
:2282010005  
:2285004015  
:2285006015

-----  
This is the packet that lists the names of output files and some of the input data files read by the model. If a drive:\path\ is not given, the location of the NONROAD.EXE file itself is assumed. You will probably want to change the names of the Output and Message files to match that of the OPTION file, e.g., MICH-97.OPT, MICH-97.OUT, MICH-97.MSG, and if used MICH-97.AMS.

-----  
/RUNFILES/  
ALLOC XREF : c:\nonroad\data\allocate\allocate.xrf  
ACTIVITY : c:\nonroad\data\activity\activity.dat  
EXH TECHNOLOGY : data\tech\tech-exh.dat  
EVP TECHNOLOGY : data\tech\tech-evp.dat  
SEASONALITY : c:\nonroad\data\season\rnc\_seas.dat  
REGIONS : c:\nonroad\data\season\rnc\_seas.dat  
MESSAGE : c:\nonroad\outputs\enl4xb.msg  
OUTPUT DATA : c:\nonroad\outputs\enl4xb.out  
EPS2 AMS : c:\nonroad\outputs\enl4xb.eps  
US COUNTIES FIPS :  
RETROFIT :  
/END/

-----  
This is the packet that defines the equipment population files read by the model.

-----  
/POP FILES/  
POPULATION FILE : c:\nonroad\data\pop\NC.pop  
/END/

-----  
This is the packet that defines the growth files  
files read by the model.  
-----

/GROWTH FILES/

National defaults : c:\nonroad\data\growth\nation.grw  
/END/

/ALLOC FILES/

Air Transportation : c:\nonroad\data\allocate\RNC\_AIRT.ALO  
Contruction empl. : c:\nonroad\data\allocate\NC\_const.alo  
Harvested acres : c:\nonroad\data\allocate\NC\_farms.alo  
Golf course estab. : c:\nonroad\data\allocate\NC\_golf.alo  
Wholesale establis. : c:\nonroad\data\allocate\RNC\_HOLS.ALO  
Family housing : c:\nonroad\data\allocate\NC\_house.alo  
Logging empl. : c:\nonroad\data\allocate\NC\_loggn.alo  
Landscape empl. : c:\nonroad\data\allocate\RNC\_LSCA.ALO  
Coal mining empl. : c:\nonroad\data\allocate\NC\_coal.alo  
Manufacturing empl. : c:\nonroad\data\allocate\NC\_mnfg.alo  
Oil & Gas employees : c:\nonroad\data\allocate\NC\_oil.alo  
Census population : c:\nonroad\data\allocate\NC\_pop.alo  
RV Park establish. : c:\nonroad\data\allocate\NC\_rvprk.alo  
Snowmobiles : c:\nonroad\data\allocate\NC\_snowm.alo  
Snowblowers res. : c:\nonroad\data\allocate\NC\_sbr.alo  
Snowblowers comm. : c:\nonroad\data\allocate\NC\_sbc.alo  
Rec marine inbrd : c:\nonroad\data\allocate\NC\_wib.alo  
Rec marine outbrd : c:\nonroad\data\allocate\NC\_wob.alo  
/END/

-----  
This is the packet that defines the emssions factors  
files read by the model.  
-----

/EMFAC FILES/

THC exhaust : c:\nonroad\data\emsfac\exhthc.emf  
CO exhaust : c:\nonroad\data\emsfac\exhco.emf  
NOX exhaust : c:\nonroad\data\emsfac\exhnox.emf  
PM exhaust : c:\nonroad\data\emsfac\exhpm.emf  
BSFC : c:\nonroad\data\emsfac\bsfc.emf  
Crankcase : c:\nonroad\data\emsfac\crank.emf  
Spillage : c:\nonroad\data\emsfac\spillage.emf  
Diurnal : data\emsfac\evdiu.emf  
TANK PERM : c:\nonroad\data\emsfac\evtank.emf  
NON-RM HOSE PERM : c:\nonroad\data\emsfac\evhose.emf  
RM FILL NECK PERM : c:\nonroad\data\emsfac\evneck.emf  
RM SUPPLY/RETURN : c:\nonroad\data\emsfac\evsupret.emf  
RM VENT PERM : c:\nonroad\data\emsfac\evvent.emf  
HOT SOAKS : c:\nonroad\data\emsfac\evhotsk.emf  
RUNINGLOSS : c:\nonroad\data\emsfac\evrunls.emf  
/END/

-----  
This is the packet that defines the deterioration factors  
files read by the model.  
-----

/DETERIORATE FILES/

THC exhaust : c:\nonroad\data\detfac\exhthc.det  
CO exhaust : c:\nonroad\data\detfac\exhco.det  
NOX exhaust : c:\nonroad\data\detfac\exhnox.det

PM exhaust : c:\nonroad\data\detfac\exhpm.det  
Diurnal : data\detfac\evdiu.det  
/END/

Optional Packets - Add initial slash "/" to activate

/STAGE II/  
Control Factor : 0.0  
/END/  
Enter percent control: 95 = 95% control = 0.05 x uncontrolled  
Default should be zero control.

MODELYEAR OUT/  
by-model-year out : c:\nonroad\outputs\NC09Xb25.bmy  
/END/

SI REPORT/  
SI report file-CSV :C:\NONROAD\OUTPUTS\NRPOLLUT.CSV  
/END/

PM Base Sulfur  
cols 1-10: dsl tech type;  
11-20: base sulfur wt%; or '1.0' means no-adjust (cert= in-use)  
21-30: sulfate conversion rate  
/PM BASE SULFUR/  
T2 0.2000 0.02247  
T3 0.2000 0.02247  
T3B 0.0500 0.02247  
T4A 0.0500 0.02247  
T4B 0.0015 0.02247  
T4 0.0015 0.30  
T4N 0.0015 0.30  
/END/

Written by Nonroad interface at 2/13/2006 1:06:19 PM  
Created by NCDENR DAQ on 05/04/2005 at 04:29 PM  
This is the options file for the NONROAD program.  
The data is sperated into "packets" bases on common  
information. Each packet is specified by an  
identifier and a terminator. Any notes or descriptions  
can be placed between the data packets.

-----  
PERIOD PACKET

This is the packet that defines the period for  
which emissions are to be estimated. The order of the  
records matter. The selection of certain parameters  
will cause some of the record that follow to be ignored.  
The order of the records is as follows:

- 1 - Char 10 - Period type for this simulation.  
Valid responses are: ANNUAL, SEASONAL, and MONTHLY
- 2 - Char 10 - Type of inventory produced.  
Valid responses are: TYPICAL DAY and PERIOD TOTAL
- 3 - Integer - year of episode (4 digit year)
- 4 - Char 10 - Month of episode (use complete name of month)
- 5 - Char 10 - Type of day  
Valid responses are: WEEKDAY and WEEKEND

-----  
/PERIOD/  
Period type : Seasonal  
Summation type : Period total  
Year of episode : 2017  
Season of year : Summer  
Month of year :  
Weekday or weekend : Weekday  
/END/  
-----

OPTIONS PACKET

This is the packet that defines some of the user  
options that drive the model. Most parameters are  
used to make episode specific emission factor  
adjustments. The order of the records is fixed.  
The order is as follows.

- 1 - Char 80 - First title on reports
  - 2 - Char 80 - Second title on reports
  - 3 - Real 10 - Fuel RVP of gasoline for this simulation
  - 4 - Real 10 - Oxygen weight percent of gasoline for simulation
  - 5 - Real 10 - Percent sulfur for gasoline
  - 6 - Real 10 - Percent sulfur for diesel
  - 7 - Real 10 - Percent sulfur for LPG/CNG
  - 8 - Real 10 - Minimum daily temperature (deg. F)
  - 9 - Real 10 - maximum daily temperature (deg. F)
  - 10 - Real 10 - Representative average daily temperature (deg. F)
  - 11 - Char 10 - Flag to determine if region is high altitude  
Valid responses are: HIGH and LOW
  - 12 - Char 10 - Flag to determine if RFG adjustments are made  
Valid responses are: YES and NO
-

```

/OPTIONS/
Title 1          : Rocky Mount Redesignation_2017_Land-based_ver.NR2005a
Title 2          : NC County Temp 77; Summer
Fuel RVP for gas : 9.0
Oxygen Weight %  : 0.0
Gas sulfur %     : 0.0030
Diesel sulfur %   : 0.0015
CNG/LPG sulfur % : 0.003
Minimum temper (F) : 66.67
Maximum temper (F) : 87.33
Average temper (F) : 77
Altitude of region : LOW
/END/

```

-----

### REGION PACKET

This is the packet that defines the region for which emissions are to be estimated.

The first record tells the type of region and allocation to perform.

Valid responses are:

- US TOTAL - emissions are for entire USA without state breakout.
- 50STATE - emissions are for all 50 states and Washington D.C., by state.
- STATE - emissions are for a select group of states and are state-level estimates
- COUNTY - emissions are for a select group of counties and are county level estimates. If necessary, allocation from state to county will be performed.
- SUBCOUNTY - emissions are for the specified sub counties and are subcounty level estimates. If necessary, county to subcounty allocation will be performed.

The remaining records define the regions to be included. The type of data which must be specified depends on the region level.

- US TOTAL - Nothing needs to be specified. The FIPS code 00000 is used automatically.
- 50STATE - Nothing needs to be specified. The FIPS code 00000 is used automatically.
- STATE - state FIPS codes
- COUNTY - state or county FIPS codes. State FIPS code means include all counties in the state.
- SUBCOUNTY - county FIPS code and subregion code.

-----

/REGION/

Region Level : COUNTY  
EDGEcombe, NC : 37065  
NASH, NC : 37127  
/END/

-----  
SOURCE CATEGORY PACKET

This packet is used to tell the model which source categories are to be processed. It is optional. If used, only those source categories list will appear in the output data file. If the packet is not found, the model will process all source categories in the population files.

-----  
/SOURCE CATEGORY/  
:2260000000  
:2265000000  
:2267000000  
:2268000000  
:2270000000  
:2285000000  
/END/

Diesel Only -  
:2270000000  
:2282020000  
:2285002015  
Spark Ignition Only -  
:2260000000  
:2265000000  
:2267000000  
:2268000000  
:2282005010  
:2282005015  
:2282010005  
:2285004015  
:2285006015

-----  
This is the packet that lists the names of output files and some of the input data files read by the model. If a drive:\path\ is not given, the location of the NONROAD.EXE file itself is assumed. You will probably want to change the names of the Output and Message files to match that of the OPTion file, e.g., MICH-97.OPT, MICH-97.OUT, MICH-97.MSG, and if used MICH-97.AMS.

-----  
/RUNFILES/  
ALLOC XREF : c:\nonroad\data\allocate\allocate.xrf  
ACTIVITY : c:\nonroad\data\activity\activity.dat  
EXH TECHNOLOGY : data\tech\tech-exh.dat  
EVP TECHNOLOGY : data\tech\tech-evp.dat  
SEASONALITY : c:\nonroad\data\season\rnc\_seas.dat  
REGIONS : c:\nonroad\data\season\rnc\_seas.dat  
MESSAGE : c:\nonroad\outputs\enl7xa.msg  
OUTPUT DATA : c:\nonroad\outputs\enl7xa.out  
EPS2 AMS : c:\nonroad\outputs\enl7xa.eps  
US COUNTIES FIPS :

RETROFIT :  
/END/

-----  
This is the packet that defines the equipment population  
files read by the model.  
-----

/POP FILES/  
POPULATION FILE : c:\nonroad\data\pop\NC.pop  
/END/

-----  
This is the packet that defines the growth files  
files read by the model.  
-----

/GROWTH FILES/  
National defaults : c:\nonroad\data\growth\nation.grw  
/END/

/ALLOC FILES/  
Air Transportation : c:\nonroad\data\allocate\RNC\_AIRT.ALO  
Contruction empl. : c:\nonroad\data\allocate\NC\_const.alo  
Harvested acres : c:\nonroad\data\allocate\NC\_farms.alo  
Golf course estab. : c:\nonroad\data\allocate\NC\_golf.alo  
Wholesale establis. : c:\nonroad\data\allocate\RNC\_HOLS.ALO  
Family housing : c:\nonroad\data\allocate\NC\_house.alo  
Logging empl. : c:\nonroad\data\allocate\NC\_loggn.alo  
Landscape empl. : c:\nonroad\data\allocate\RNC\_LSCA.ALO  
Coal mining empl. : c:\nonroad\data\allocate\NC\_coal.alo  
Manufacturing empl. : c:\nonroad\data\allocate\NC\_mnfg.alo  
Oil & Gas employees : c:\nonroad\data\allocate\NC\_oil.alo  
Census population : c:\nonroad\data\allocate\NC\_pop.alo  
RV Park establish. : c:\nonroad\data\allocate\NC\_rvprk.alo  
Snowmobiles : c:\nonroad\data\allocate\NC\_snowm.alo  
Snowblowers res. : c:\nonroad\data\allocate\NC\_sbr.alo  
Snowblowers comm. : c:\nonroad\data\allocate\NC\_sbc.alo  
Rec marine inbrd : c:\nonroad\data\allocate\NC\_wib.alo  
Rec marine outbrd : c:\nonroad\data\allocate\NC\_wob.alo  
/END/

-----  
This is the packet that defines the emssions factors  
files read by the model.  
-----

/EMFAC FILES/  
THC exhaust : c:\nonroad\data\emsfac\exhthc.emf  
CO exhaust : c:\nonroad\data\emsfac\exhco.emf  
NOX exhaust : c:\nonroad\data\emsfac\exhnox.emf  
PM exhaust : c:\nonroad\data\emsfac\exhpm.emf  
BSFC : c:\nonroad\data\emsfac\bsfc.emf  
Crankcase : c:\nonroad\data\emsfac\crank.emf  
Spillage : c:\nonroad\data\emsfac\spillage.emf  
Diurnal : data\emsfac\evdiu.emf  
TANK PERM : c:\nonroad\data\emsfac\evtank.emf  
NON-RM HOSE PERM : c:\nonroad\data\emsfac\evhose.emf  
RM FILL NECK PERM : c:\nonroad\data\emsfac\evneck.emf  
RM SUPPLY/RETURN : c:\nonroad\data\emsfac\evsupret.emf  
RM VENT PERM : c:\nonroad\data\emsfac\evvent.emf  
HOT SOAKS : c:\nonroad\data\emsfac\evhotsk.emf  
RUNINGLOSS : c:\nonroad\data\emsfac\evrunls.emf

/END/

-----  
This is the packet that defines the deterioration factors  
files read by the model.  
-----

/DETERIORATE FILES/

THC exhaust : c:\nonroad\data\detfac\exhthc.det  
CO exhaust : c:\nonroad\data\detfac\exhco.det  
NOX exhaust : c:\nonroad\data\detfac\exhnox.det  
PM exhaust : c:\nonroad\data\detfac\exhpm.det  
Diurnal : data\detfac\evdiu.det

/END/

Optional Packets - Add initial slash "/" to activate

/STAGE II/

Control Factor : 0.0

/END/

Enter percent control: 95 = 95% control = 0.05 x uncontrolled  
Default should be zero control.

MODELYEAR OUT/

by-model-year out : c:\nonroad\outputs\NC09Xa25.bmy

/END/

SI REPORT/

SI report file-CSV :C:\NONROAD\OUTPUTS\NRPOLLUT.CSV

/END/

PM Base Sulfur

cols 1-10: dsl tech type;

11-20: base sulfur wt%; or '1.0' means no-adjust (cert= in-use)

21-30: sulfate conversion rate

/PM BASE SULFUR/

T2	0.2000	0.02247
T3	0.2000	0.02247
T3B	0.0500	0.02247
T4A	0.0500	0.02247
T4B	0.0015	0.02247
T4	0.0015	0.30
T4N	0.0015	0.30

/END/

Written by Nonroad interface at 2/13/2006 1:22:07 PM  
Created by NCDENR on 5/9/05.  
This is the options file for the NONROAD program.  
The data is sperated into "packets" bases on common  
information. Each packet is specified by an  
identifier and a terminator. Any notes or descriptions  
can be placed between the data packets.

-----  
PERIOD PACKET

This is the packet that defines the period for  
which emissions are to be estimated. The order of the  
records matter. The selection of certain parameters  
will cause some of the record that follow to be ignored.  
The order of the records is as follows:

- 1 - Char 10 - Period type for this simulation.  
Valid responses are: ANNUAL, SEASONAL, and MONTHLY
- 2 - Char 10 - Type of inventory produced.  
Valid responses are: TYPICAL DAY and PERIOD TOTAL
- 3 - Integer - year of episode (4 digit year)
- 4 - Char 10 - Month of episode (use complete name of month)
- 5 - Char 10 - Type of day  
Valid responses are: WEEKDAY and WEEKEND

-----  
/PERIOD/  
Period type : Seasonal  
Summation type : Period total  
Year of episode : 2017  
Season of year : Summer  
Month of year :  
Weekday or weekend : Weekday  
/END/  
-----

OPTIONS PACKET

This is the packet that defines some of the user  
options that drive the model. Most parameters are  
used to make episode specific emission factor  
adjustments. The order of the records is fixed.  
The order is as follows.

- 1 - Char 80 - First title on reports
  - 2 - Char 80 - Second title on reports
  - 3 - Real 10 - Fuel RVP of gasoline for this simulation
  - 4 - Real 10 - Oxygen weight percent of gasoline for simulation
  - 5 - Real 10 - Percent sulfur for gasoline
  - 6 - Real 10 - Percent sulfur for diesel
  - 7 - Real 10 - Percent sulfur for LPG/CNG
  - 8 - Real 10 - Minimum daily temperature (deg. F)
  - 9 - Real 10 - maximum daily temperature (deg. F)
  - 10 - Real 10 - Representative average daily temperature (deg. F)
  - 11 - Char 10 - Flag to determine if region is high altitude  
Valid responses are: HIGH and LOW
  - 12 - Char 10 - Flag to determine if RFG adjustments are made  
Valid responses are: YES and NO
-

```

/OPTIONS/
Title 1          : Rocky Mount Redesignation_2017_Marine_ver.NR2005a
Title 2          : NC County Temp 77; Summer
Fuel RVP for gas : 9.0
Oxygen Weight %  : 0.0
Gas sulfur %     : 0.0030
Diesel sulfur %  : 0.0015
CNG/LPG sulfur % : 0.003
Minimum temper (F) : 66.67
Maximum temper (F) : 87.33
Average temper (F) : 77
Altitude of region : LOW
/END/

```

-----

### REGION PACKET

This is the packet that defines the region for which emissions are to be estimated.

The first record tells the type of region and allocation to perform.

Valid responses are:

- US TOTAL - emissions are for entire USA without state breakout.
- 50STATE - emissions are for all 50 states and Washington D.C., by state.
- STATE - emissions are for a select group of states and are state-level estimates
- COUNTY - emissions are for a select group of counties and are county level estimates. If necessary, allocation from state to county will be performed.
- SUBCOUNTY - emissions are for the specified sub counties and are subcounty level estimates. If necessary, county to subcounty allocation will be performed.

The remaining records define the regions to be included. The type of data which must be specified depends on the region level.

- US TOTAL - Nothing needs to be specified. The FIPS code 00000 is used automatically.
- 50STATE - Nothing needs to be specified. The FIPS code 00000 is used automatically.
- STATE - state FIPS codes
- COUNTY - state or county FIPS codes. State FIPS code means include all counties in the state.
- SUBCOUNTY - county FIPS code and subregion code.

-----

/REGION/

Region Level : COUNTY  
EDGEcombe, NC : 37065  
NASH, NC : 37127  
/END/

-----  
SOURCE CATEGORY PACKET

This packet is used to tell the model which source categories are to be processed. It is optional. If used, only those source categories list will appear in the output data file. If the packet is not found, the model will process all source categories in the population files.

-----  
/SOURCE CATEGORY/  
:2282000000  
/END/

Diesel Only -  
:2282020000  
:2285002015  
Spark Ignition Only -  
:2282005010  
:2282005015  
:2282010005  
:2285004015  
:2285006015

-----  
This is the packet that lists the names of output files and some of the input data files read by the model. If a drive:\path\ is not given, the location of the NONROAD.EXE file itself is assumed. You will probably want to change the names of the Output and Message files to match that of the OPTION file, e.g., MICH-97.OPT, MICH-97.OUT, MICH-97.MSG, and if used MICH-97.AMS.

-----  
/RUNFILES/  
ALLOC XREF : c:\nonroad\data\allocate\allocate.xrf  
ACTIVITY : c:\nonroad\data\activity\activity.dat  
EXH TECHNOLOGY : data\tech\tech-exh.dat  
EVP TECHNOLOGY : data\tech\tech-evp.dat  
SEASONALITY : c:\nonroad\data\season\rnc\_seas.dat  
REGIONS : c:\nonroad\data\season\rnc\_seas.dat  
MESSAGE : c:\nonroad\outputs\enl7xb.msg  
OUTPUT DATA : c:\nonroad\outputs\enl7xb.out  
EPS2 AMS : c:\nonroad\outputs\enl7xb.eps  
US COUNTIES FIPS :  
RETROFIT :  
/END/

-----  
This is the packet that defines the equipment population files read by the model.

-----  
/POP FILES/  
POPULATION FILE : c:\nonroad\data\pop\NC.pop  
/END/

-----  
This is the packet that defines the growth files  
files read by the model.  
-----

/GROWTH FILES/

National defaults : c:\nonroad\data\growth\nation.grw  
/END/

/ALLOC FILES/

Air Transportation : c:\nonroad\data\allocate\RNC\_AIRT.ALO  
Contruction empl. : c:\nonroad\data\allocate\NC\_const.alo  
Harvested acres : c:\nonroad\data\allocate\NC\_farms.alo  
Golf course estab. : c:\nonroad\data\allocate\NC\_golf.alo  
Wholesale establis. : c:\nonroad\data\allocate\RNC\_HOLS.ALO  
Family housing : c:\nonroad\data\allocate\NC\_house.alo  
Logging empl. : c:\nonroad\data\allocate\NC\_loggn.alo  
Landscape empl. : c:\nonroad\data\allocate\RNC\_LSCA.ALO  
Coal mining empl. : c:\nonroad\data\allocate\NC\_coal.alo  
Manufacturing empl. : c:\nonroad\data\allocate\NC\_mnfg.alo  
Oil & Gas employees : c:\nonroad\data\allocate\NC\_oil.alo  
Census population : c:\nonroad\data\allocate\NC\_pop.alo  
RV Park establish. : c:\nonroad\data\allocate\NC\_rvprk.alo  
Snowmobiles : c:\nonroad\data\allocate\NC\_snowm.alo  
Snowblowers res. : c:\nonroad\data\allocate\NC\_sbr.alo  
Snowblowers comm. : c:\nonroad\data\allocate\NC\_sbc.alo  
Rec marine inbrd : c:\nonroad\data\allocate\NC\_wib.alo  
Rec marine outbrd : c:\nonroad\data\allocate\NC\_wob.alo  
/END/

-----  
This is the packet that defines the emssions factors  
files read by the model.  
-----

/EMFAC FILES/

THC exhaust : c:\nonroad\data\emsfac\exhthc.emf  
CO exhaust : c:\nonroad\data\emsfac\exhco.emf  
NOX exhaust : c:\nonroad\data\emsfac\exhnox.emf  
PM exhaust : c:\nonroad\data\emsfac\exhpm.emf  
BSFC : c:\nonroad\data\emsfac\bsfc.emf  
Crankcase : c:\nonroad\data\emsfac\crank.emf  
Spillage : c:\nonroad\data\emsfac\spillage.emf  
Diurnal : data\emsfac\evdiu.emf  
TANK PERM : c:\nonroad\data\emsfac\evtank.emf  
NON-RM HOSE PERM : c:\nonroad\data\emsfac\evhose.emf  
RM FILL NECK PERM : c:\nonroad\data\emsfac\evneck.emf  
RM SUPPLY/RETURN : c:\nonroad\data\emsfac\evsupret.emf  
RM VENT PERM : c:\nonroad\data\emsfac\evvent.emf  
HOT SOAKS : c:\nonroad\data\emsfac\evhotsk.emf  
RUNINGLOSS : c:\nonroad\data\emsfac\evrunls.emf  
/END/

-----  
This is the packet that defines the deterioration factors  
files read by the model.  
-----

/DETERIORATE FILES/

THC exhaust : c:\nonroad\data\detfac\exhthc.det  
CO exhaust : c:\nonroad\data\detfac\exhco.det  
NOX exhaust : c:\nonroad\data\detfac\exhnox.det

PM exhaust : c:\nonroad\data\detfac\exhpm.det  
Diurnal : data\detfac\evdiu.det  
/END/

Optional Packets - Add initial slash "/" to activate

/STAGE II/  
Control Factor : 0.0  
/END/  
Enter percent control: 95 = 95% control = 0.05 x uncontrolled  
Default should be zero control.

MODELYEAR OUT/  
by-model-year out : c:\nonroad\outputs\NC09Xb25.bmy  
/END/

SI REPORT/  
SI report file-CSV :C:\NONROAD\OUTPUTS\NRPOLLUT.CSV  
/END/

PM Base Sulfur  
cols 1-10: dsl tech type;  
11-20: base sulfur wt%; or '1.0' means no-adjust (cert= in-use)  
21-30: sulfate conversion rate  
/PM BASE SULFUR/  
T2 0.2000 0.02247  
T3 0.2000 0.02247  
T3B 0.0500 0.02247  
T4A 0.0500 0.02247  
T4B 0.0015 0.02247  
T4 0.0015 0.30  
T4N 0.0015 0.30  
/END/