APPENDIX D

Mobile Input/Output and Calculation Files, Greene County Indiana

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{\rtf1\ansi\deff0{\fonttbl{\f0\fnil\fcharset0 Courier
New;}{\f1\fmodern\fprq1\fcharset0 Courier New;}}
{\colortbl ;\red0\green0\blue0;}
{\*\generator Msftedit 5.41.15.1507;}\viewkind4\uc1\pard\lang1033\f0\fs20 MOBILE6
INPUT FILE\par
\par
\par
******************** Header Section   ********************\par
MOBILE6 INPUT FILE : Greene County Emissions\par
DATABASE OUTPUT    :\par
WITH FIELDNAMES    :\par
AGGREGATED OUTPUT  :\par
POLLUTANTS         : HC NOX\par
REPORT FILE        : Greene.txt\par
EMISSIONS TABLE    : Greene.tb1\par
RUN DATA\par
********************* Run Section      *********************\par
* These min/max temperatures are July averages from Greene County\par
MIN/MAX TEMP       : 65.0  86.3\par
ABSOLUTE HUMIDITY  : 93.7\par
CLOUD COVER        : 0.34\par
SUNRISE/SUNSET     : 6  8\par
FUEL RVP           : 9.0\par
NO REFUELING       :\par
REG DIST           : 28-reg.d\par
********************* Scenario Section *********************\par
SCENARIO RECORD    : Scenario 1: HPMS Rural Interstate (M6 Freeway/Freeway Ramp)\par
CALENDAR YEAR      : 2002\par
EVALUATION MONTH   : 7\par
AVERAGE SPEED      : XX.X FREEWAY 97.0  0.0  0.0  3.0\par
VMT FRACTIONS            :\par
0.3525 0.0536 0.1783 0.0549 0.0253 0.1065 0.0106 0.0084\par
0.0061 0.0234 0.0279 0.0304 0.1088 0.0058 0.0028 0.0047\par
********************* Scenario Section *********************\par
SCENARIO RECORD    : Scenario 2: HPMS Rural OPA (M6 Non-Ramp)\par
CALENDAR YEAR      : 2002\par
EVALUATION MONTH   : 7\par
AVERAGE SPEED      : 51.7 NON-RAMP\par
VMT FRACTIONS            :\par
0.4333 0.0658 0.2190 0.0675 0.0311 0.0573 0.0057 0.0045\par
0.0033 0.0126 0.0150 0.0164 0.0585 0.0033 0.0015 0.0052\par
********************* Scenario Section *********************\par
SCENARIO RECORD    : Scenario 3: HPMS Rural Minor Arterial (M6
Arterial/Collector)\par
CALENDAR YEAR      : 2002\par
EVALUATION MONTH   : 7\par
AVERAGE SPEED      : 47.3 ARTERIAL\par
VMT FRACTIONS            :\par
0.4662 0.0708 0.2357 0.0726 0.0334 0.0374 0.0037 0.0029\par
0.0022 0.0082 0.0098 0.0107 0.0382 0.0026 0.0013 0.0043\par
********************* Scenario Section *********************\par
SCENARIO RECORD    : Scenario 4: HPMS Rural Major Collector (M6
Arterial/Collector)\par
CALENDAR YEAR      : 2002\par
EVALUATION MONTH   : 7\par
AVERAGE SPEED      : 38.3 ARTERIAL\par
VMT FRACTIONS            :\par
0.4821 0.0732 0.2437 0.0751 0.0345 0.0275 0.0027 0.0022\par
0.0016 0.0060 0.0072 0.0078 0.0280 0.0024 0.0011 0.0049\par
********************* Scenario Section *********************\par
SCENARIO RECORD    : Scenario 5: HPMS Rural Minor Collector (M6
Arterial/Collector)\par
CALENDAR YEAR      : 2002\par
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EVALUATION MONTH    : 7\par
AVERAGE SPEED       : 33.9 ARTERIAL\par
VMT FRACTIONS           :\par
0.4532 0.0689 0.2292 0.0706 0.0325 0.0399 0.0040 0.0031\par
0.0023 0.0088 0.0104 0.0114 0.0407 0.0026 0.0013 0.0211\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 6: HPMS Rural Local (M6 Arterial/Collector)\par
CALENDAR YEAR       : 2002\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : 29.3 ARTERIAL\par
VMT FRACTIONS           :\par
0.4789 0.0728 0.2421 0.0746 0.0343 0.0294 0.0029 0.0023\par
0.0017 0.0065 0.0077 0.0084 0.0300 0.0026 0.0013 0.0045\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 7: HPMS Urban Interstate (M6 Freeway/Freeway Ramp)\par
CALENDAR YEAR       : 2002\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : XX.X FREEWAY 92.0  0.0  0.0  8.0\par
VMT FRACTIONS           :\par
0.4155 0.0631 0.2101 0.0647 0.0298 0.0688 0.0068 0.0054\par
0.0040 0.0151 0.0180 0.0196 0.0702 0.0043 0.0021 0.0025\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 8: HPMS Urban Freeway/Expressway (M6 Freeway/Freeway
Ramp)\par
CALENDAR YEAR       : 2002\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : XX.X FREEWAY 92.0  0.0  0.0  8.0\par
VMT FRACTIONS           :\par
0.4554 0.0692 0.2303 0.0710 0.0326 0.0446 0.0044 0.0035\par
0.0026 0.0098 0.0117 0.0127 0.0456 0.0022 0.0011 0.0033\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 9: HPMS Urban OPA (M6 Arterial/Collector)\par
CALENDAR YEAR       : 2002\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : 39.2 ARTERIAL\par
VMT FRACTIONS           :\par
0.4868 0.0740 0.2462 0.0759 0.0349 0.0251 0.0025 0.0020\par
0.0014 0.0055 0.0066 0.0072 0.0257 0.0015 0.0007 0.0040\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 10: HPMS Urban Minor Arterial (M6
Arterial/Collector)\par
CALENDAR YEAR       : 2002\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : 38.0 ARTERIAL\par
VMT FRACTIONS           :\par
0.4944 0.0751 0.2499 0.0770 0.0354 0.0203 0.0020 0.0016\par
0.0012 0.0045 0.0053 0.0058 0.0207 0.0018 0.0008 0.0042\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 11: HPMS Urban Collector (M6 Arterial/Collector)\par
CALENDAR YEAR       : 2002\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : 34.0 ARTERIAL\par
VMT FRACTIONS           :\par
0.5024 0.0763 0.2540 0.0783 0.0360 0.0152 0.0015 0.0012\par
0.0009 0.0033 0.0040 0.0043 0.0155 0.0010 0.0005 0.0056\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 12: HPMS Urban Local (M6 Local Road) - 12.9\par
CALENDAR YEAR       : 2002\par
EVALUATION MONTH    : 7\par
VMT BY FACILITY     : fvmtlocl.def\par
VMT FRACTIONS           :\par
0.5099 0.0775 0.2579 0.0795 0.0366 0.0106 0.0010 0.0008\par
0.0006 0.0023 0.0028 0.0030 0.0108 0.0028 0.0013 0.0026\par
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END OF RUN          : \par
******************** Run Section     ********************\par
* These min/max temperatures are July averages from Greene County\par
MIN/MAX TEMP        : 65.0  86.3\par
ABSOLUTE HUMIDITY   : 93.7\par
CLOUD COVER         : 0.34\par
SUNRISE/SUNSET      : 6  8\par
FUEL RVP            : 9.0\par
NO REFUELING        :\par
REG DIST            : 28-reg.d\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 13: HPMS Rural Interstate (M6 Freeway/Freeway
Ramp)\par
CALENDAR YEAR       : 2010\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : XX.X FREEWAY 97.0  0.0  0.0  3.0\par
VMT FRACTIONS             :\par
0.3525 0.0536 0.1783 0.0549 0.0253 0.1065 0.0106 0.0084\par
0.0061 0.0234 0.0279 0.0304 0.1088 0.0058 0.0028 0.0047\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 14: HPMS Rural OPA (M6 Non-Ramp)\par
CALENDAR YEAR       : 2010\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : 51.5 NON-RAMP\par
VMT FRACTIONS             :\par
0.4333 0.0658 0.2190 0.0675 0.0311 0.0573 0.0057 0.0045\par
0.0033 0.0126 0.0150 0.0164 0.0585 0.0033 0.0015 0.0052\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 15: HPMS Rural Minor Arterial (M6
Arterial/Collector)\par
CALENDAR YEAR       : 2010\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : 47.2 ARTERIAL\par
VMT FRACTIONS             :\par
0.4662 0.0708 0.2357 0.0726 0.0334 0.0374 0.0037 0.0029\par
0.0022 0.0082 0.0098 0.0107 0.0382 0.0026 0.0013 0.0043\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 16: HPMS Rural Major Collector (M6
Arterial/Collector)\par
CALENDAR YEAR       : 2010\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : 38.2 ARTERIAL\par
VMT FRACTIONS             :\par
0.4821 0.0732 0.2437 0.0751 0.0345 0.0275 0.0027 0.0022\par
0.0016 0.0060 0.0072 0.0078 0.0280 0.0024 0.0011 0.0049\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 17: HPMS Rural Minor Collector (M6
Arterial/Collector)\par
CALENDAR YEAR       : 2010\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : 33.9 ARTERIAL\par
VMT FRACTIONS             :\par
0.4532 0.0689 0.2292 0.0706 0.0325 0.0399 0.0040 0.0031\par
0.0023 0.0088 0.0104 0.0114 0.0407 0.0026 0.0013 0.0211\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 18: HPMS Rural Local (M6 Arterial/Collector)\par
CALENDAR YEAR       : 2010\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : 29.2 ARTERIAL\par
VMT FRACTIONS             :\par
0.4789 0.0728 0.2421 0.0746 0.0343 0.0294 0.0029 0.0023\par
0.0017 0.0065 0.0077 0.0084 0.0300 0.0026 0.0013 0.0045\par
******************** Scenario Section ********************\par
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SCENARIO RECORD     : Scenario 19: HPMS Urban Interstate (M6 Freeway/Freeway
Ramp)\par
CALENDAR YEAR       : 2010\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : XX.X FREEWAY 92.0  0.0  0.0  8.0\par
VMT FRACTIONS           :\par
0.4155 0.0631 0.2101 0.0647 0.0298 0.0688 0.0068 0.0054\par
0.0040 0.0151 0.0180 0.0196 0.0702 0.0043 0.0021 0.0025\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 20: HPMS Urban Freeway/Expressway (M6 Freeway/Freeway
Ramp)\par
CALENDAR YEAR       : 2010\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : XX.X FREEWAY 92.0  0.0  0.0  8.0\par
VMT FRACTIONS           :\par
0.4554 0.0692 0.2303 0.0710 0.0326 0.0446 0.0044 0.0035\par
0.0026 0.0098 0.0117 0.0127 0.0456 0.0022 0.0011 0.0033\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 21: HPMS Urban OPA (M6 Arterial/Collector)\par
CALENDAR YEAR       : 2010\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : 36.3 ARTERIAL\par
VMT FRACTIONS           :\par
0.4868 0.0740 0.2462 0.0759 0.0349 0.0251 0.0025 0.0020\par
0.0014 0.0055 0.0066 0.0072 0.0257 0.0015 0.0007 0.0040\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 22: HPMS Urban Minor Arterial (M6
Arterial/Collector)\par
CALENDAR YEAR       : 2010\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : 37.7 ARTERIAL\par
VMT FRACTIONS           :\par
0.4944 0.0751 0.2499 0.0770 0.0354 0.0203 0.0020 0.0016\par
0.0012 0.0045 0.0053 0.0058 0.0207 0.0018 0.0008 0.0042\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 23: HPMS Urban Collector (M6 Arterial/Collector)\par
CALENDAR YEAR       : 2010\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : 33.9 ARTERIAL\par
VMT FRACTIONS           :\par
0.5024 0.0763 0.2540 0.0783 0.0360 0.0152 0.0015 0.0012\par
0.0009 0.0033 0.0040 0.0043 0.0155 0.0010 0.0005 0.0056\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 24: HPMS Urban Local (M6 Local Road) - 12.9\par
CALENDAR YEAR       : 2010\par
EVALUATION MONTH    : 7\par
VMT BY FACILITY     : fvmtlocl.def\par
VMT FRACTIONS           :\par
0.5099 0.0775 0.2579 0.0795 0.0366 0.0106 0.0010 0.0008\par
0.0006 0.0023 0.0028 0.0030 0.0108 0.0028 0.0013 0.0026\par
END OF RUN          : \par
********************* Run Section *********************\par
* These min/max temperatures are July averages from Greene County\par
MIN/MAX TEMP        : 65.0  86.3\par
ABSOLUTE HUMIDITY   : 93.7\par
CLOUD COVER         : 0.34\par
SUNRISE/SUNSET      : 6  8\par
FUEL RVP            : 9.0\par
NO REFUELING        :\par
REG DIST            : 28-reg.d\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 25: HPMS Rural Interstate (M6 Freeway/Freeway
Ramp)\par
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CALENDAR YEAR       : 2015\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : XX.X FREEWAY 97.0  0.0  0.0  3.0\par
VMT FRACTIONS           :\par
0.3525 0.0536 0.1783 0.0549 0.0253 0.1065 0.0106 0.0084\par
0.0061 0.0234 0.0279 0.0304 0.1088 0.0058 0.0028 0.0047\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 26: HPMS Rural OPA (M6 Non-Ramp)\par
CALENDAR YEAR       : 2015\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : 51.4 NON-RAMP\par
VMT FRACTIONS           :\par
0.4333 0.0658 0.2190 0.0675 0.0311 0.0573 0.0057 0.0045\par
0.0033 0.0126 0.0150 0.0164 0.0585 0.0033 0.0015 0.0052\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 27: HPMS Rural Minor Arterial (M6
Arterial/Collector)\par
CALENDAR YEAR       : 2015\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : 47.1 ARTERIAL\par
VMT FRACTIONS           :\par
0.4662 0.0708 0.2357 0.0726 0.0334 0.0374 0.0037 0.0029\par
0.0022 0.0082 0.0098 0.0107 0.0382 0.0026 0.0013 0.0043\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 28: HPMS Rural Major Collector (M6
Arterial/Collector)\par
CALENDAR YEAR       : 2015\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : 38.1 ARTERIAL\par
VMT FRACTIONS           :\par
0.4821 0.0732 0.2437 0.0751 0.0345 0.0275 0.0027 0.0022\par
0.0016 0.0060 0.0072 0.0078 0.0280 0.0024 0.0011 0.0049\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 29: HPMS Rural Minor Collector (M6
Arterial/Collector)\par
CALENDAR YEAR       : 2015\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : 33.9 ARTERIAL\par
VMT FRACTIONS           :\par
0.4532 0.0689 0.2292 0.0706 0.0325 0.0399 0.0040 0.0031\par
0.0023 0.0088 0.0104 0.0114 0.0407 0.0026 0.0013 0.0211\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 30: HPMS Rural Local (M6 Arterial/Collector)\par
CALENDAR YEAR       : 2015\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : 29.2 ARTERIAL\par
VMT FRACTIONS           :\par
0.4789 0.0728 0.2421 0.0746 0.0343 0.0294 0.0029 0.0023\par
0.0017 0.0065 0.0077 0.0084 0.0300 0.0026 0.0013 0.0045\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 31: HPMS Urban Interstate (M6 Freeway/Freeway
Ramp)\par
CALENDAR YEAR       : 2015\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : XX.X FREEWAY 92.0  0.0  0.0  8.0\par
VMT FRACTIONS           :\par
0.4155 0.0631 0.2101 0.0647 0.0298 0.0688 0.0068 0.0054\par
0.0040 0.0151 0.0180 0.0196 0.0702 0.0043 0.0021 0.0025\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 32: HPMS Urban Freeway/Expressway (M6 Freeway/Freeway
Ramp)\par
CALENDAR YEAR       : 2015\par
EVALUATION MONTH    : 7\par
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AVERAGE SPEED       : XX.X FREEWAY 92.0  0.0  0.0  8.0\par
VMT FRACTIONS             :\par
0.4554 0.0692 0.2303 0.0710 0.0326 0.0446 0.0044 0.0035\par
0.0026 0.0098 0.0117 0.0127 0.0456 0.0022 0.0011 0.0033\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 33: HPMS Urban OPA (M6 Arterial/Collector)\par
CALENDAR YEAR       : 2015\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : 34.0 ARTERIAL\par
VMT FRACTIONS             :\par
0.4868 0.0740 0.2462 0.0759 0.0349 0.0251 0.0025 0.0020\par
0.0014 0.0055 0.0066 0.0072 0.0257 0.0015 0.0007 0.0040\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 34: HPMS Urban Minor Arterial (M6
Arterial/Collector)\par
CALENDAR YEAR       : 2015\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : 37.5 ARTERIAL\par
VMT FRACTIONS             :\par
0.4944 0.0751 0.2499 0.0770 0.0354 0.0203 0.0020 0.0016\par
0.0012 0.0045 0.0053 0.0058 0.0207 0.0018 0.0008 0.0042\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 35: HPMS Urban Collector (M6 Arterial/Collector)\par
CALENDAR YEAR       : 2015\par
EVALUATION MONTH    : 7\par
AVERAGE SPEED       : 33.9 ARTERIAL\par
VMT FRACTIONS             :\par
0.5024 0.0763 0.2540 0.0783 0.0360 0.0152 0.0015 0.0012\par
0.0009 0.0033 0.0040 0.0043 0.0155 0.0010 0.0005 0.0056\par
******************** Scenario Section ********************\par
SCENARIO RECORD     : Scenario 36: HPMS Urban Local (M6 Local Road) - 12.9\par
CALENDAR YEAR       : 2015\par
EVALUATION MONTH    : 7\par
VMT BY FACILITY     : fvmtlocl.def\par
VMT FRACTIONS             :\par
0.5099 0.0775 0.2579 0.0795 0.0366 0.0106 0.0010 0.0008\par
0.0006 0.0023 0.0028 0.0030 0.0108 0.0028 0.0013 0.0026\par
END OF RUN          :\par
\par
\par
MOBILE6 OUTPUT FILE\par
\par
\cf1\f1\fs14\par
*****************************************************************************\par
* MOBILE6.2.03 (24-Sep-2003)                                                *\par
* Input file: GREENE.IN (file 2, run 1).                                    *\par
*****************************************************************************\par
  M617 Comment:\par
               User supplied alternate AC input: Cloud Cover Fraction set to
0.34.\par
  M618 Comment:\par
               User supplied alternate AC input: Sunrise at  6 AM, Sunset at  8
PM.\par
  M603 Comment:\par
               User has disabled the calculation of REFUELING emissions.\par
\par
\par
* Reading Registration Distributions from the following external\par
* data file: 28-REG.D\par
  M 49 Warning:\par
                 1.00      MYR sum not = 1. (will normalize)\par
  M 49 Warning:\par
                 1.00      MYR sum not = 1. (will normalize)\par
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  M 49 Warning:\par
                1.00     MYR sum not = 1. (will normalize)\par
  M 49 Warning:\par
                1.00     MYR sum not = 1. (will normalize)\par
  M 49 Warning:\par
                1.00     MYR sum not = 1. (will normalize)\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 1: HPMS Rural Interstate (M6 Freeway/Freeway Ramp)
                                        \par
* File 2, Run 1, Scenario 1.
\par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
  M 52 Warning:\par
               0.000     speed increased to 2.5 mph minimum\par
  M514 Warning:\par
            The combined freeway and ramp average speed entered\par
           cannot be less than  2.6 miles per hour.\par
           The average speed will be reset to this value.\par
  M582 Warning:\par
           The user supplied freeway average speed of  2.6\par
           will be used for all hours of the day. 100% of VMT\par
           has been assigned to a fixed combination of freeways\par
           and freeway ramps for all hours of the day and all\par
            vehicle types.\par
  M615 Comment:\par
              User supplied VMT mix.\par
  M 48 Warning:\par
            there are no sales for vehicle class HDGV8b  \par
\par
                  Calendar Year:  2002\par
                          Month:  July\par
                       Altitude:  Low \par
           Minimum Temperature:  65.0 (F)\par
           Maximum Temperature:  86.3 (F)\par
             Absolute Humidity:   94. grains/lb\par
              Nominal Fuel RVP:   9.0 psi\par
                 Weathered RVP:   8.7 psi\par
           Fuel Sulfur Content:  279. ppm\par
\par
           Exhaust I/M Program:  No  \par
              Evap I/M Program:  No  \par
                   ATP Program:  No  \par
             Reformulated Gas:  No\par
\par
      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV         MC   All Veh\par
               GVWR:                <6000     >6000     (All)\par
                    ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.3516    0.2316    0.0791              0.0995    0.0009
0.0014    0.2312    0.0047    1.0000\par

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 Composite Emission Factors (g/mi):\par
     Composite VOC :     18.425    15.899    18.608    16.588    18.228    1.884
2.211     2.099      8.47    13.976\par
     Composite NOX :      2.649     2.654     3.070     2.760     3.684    2.887
2.751    25.546      0.99     8.073\par

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 \par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 2: HPMS Rural OPA (M6 Non-Ramp)
                                          \par
* File 2, Run 1, Scenario 2.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
  M581 Warning:\par
            The user supplied freeway average speed of 51.7\par
            will be used for all hours of the day. 100% of VMT\par
            has been assigned to the freeway roadway type for\par
            all hours of the day and all vehicle types.\par
  M615 Comment:\par
              User supplied VMT mix.\par
  M 48 Warning:\par
              there are no sales for vehicle class HDGV8b  \par
\par
                    Calendar Year:  2002\par
                            Month:  July\par
                         Altitude:  Low \par
              Minimum Temperature:  65.0 (F)\par
              Maximum Temperature:  86.3 (F)\par
                Absolute Humidity:   94. grains/lb\par
                 Nominal Fuel RVP:   9.0 psi\par
                    Weathered RVP:   8.7 psi\par
              Fuel Sulfur Content:  279. ppm\par
\par
              Exhaust I/M Program:  No  \par
                 Evap I/M Program:  No  \par
                      ATP Program:  No  \par
                 Reformulated Gas:  No\par
\par
      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV        MC   All Veh\par
               GVWR:                <6000     >6000     (All)\par
                         ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.4322    0.2845    0.0972              0.0536    0.0011
0.0017    0.1245    0.0052    1.0000\par

-------------------------------------------------------------------------------
---------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      1.807     1.741     2.397     1.908     1.324     0.710
0.832     0.464      1.95     1.651\par
     Composite NOX :      1.357     1.457     1.748     1.531     5.521     1.886
1.795    18.485      1.25     3.780\par

-------------------------------------------------------------------------------
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 \par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 3: HPMS Rural Minor Arterial (M6 Arterial/Collector)
                                          \par
* File 2, Run 1, Scenario 3.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
  M583 Warning:\par
            The user supplied arterial average speed of 47.3\par
            will be used for all hours of the day.  100% of VMT\par
            has been assigned to the arterial/collector roadway\par
            type for all hours of the day and all vehicle types.\par
  M615 Comment:\par
```

```
                User supplied VMT mix.\par
  M 48 Warning:\par
                there are no sales for vehicle class HDGV8b  \par
\par
                     Calendar Year:  2002\par
                             Month:  July\par
                          Altitude:  Low \par
               Minimum Temperature:  65.0 (F)\par
               Maximum Temperature:  86.3 (F)\par
                 Absolute Humidity:   94. grains/lb\par
                  Nominal Fuel RVP:   9.0 psi\par
                     Weathered RVP:   8.7 psi\par
               Fuel Sulfur Content:  279. ppm\par
\par
               Exhaust I/M Program:  No  \par
                  Evap I/M Program:  No  \par
                       ATP Program:  No  \par
                  Reformulated Gas:  No\par
\par
       Vehicle Type:       LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV          MC   All Veh\par
                GVWR:                <6000     >6000     (All)\par
                          ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:     0.4650    0.3062    0.1045              0.0351    0.0012
0.0018    0.0819    0.0043    1.0000\par

-----------------------------------------------------------------------------------
----------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :       1.854     1.786     2.451     1.955     1.400     0.727
0.853     0.489      1.96     1.765\par
     Composite NOX :       1.343     1.436     1.728     1.511     5.366     1.718
1.635    14.026      1.17     2.592\par

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 \par
* # # # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 4: HPMS Rural Major Collector (M6 Arterial/Collector)
                                                \par
* File 2, Run 1, Scenario 4.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # # #\par
  M583 Warning:\par
            The user supplied arterial average speed of 38.3\par
            will be used for all hours of the day.  100% of VMT\par
            has been assigned to the arterial/collector roadway\par
            type for all hours of the day and all vehicle types.\par
  M615 Comment:\par
                User supplied VMT mix.\par
  M 48 Warning:\par
                there are no sales for vehicle class HDGV8b  \par
\par
                     Calendar Year:  2002\par
                             Month:  July\par
                          Altitude:  Low \par
               Minimum Temperature:  65.0 (F)\par
               Maximum Temperature:  86.3 (F)\par
                 Absolute Humidity:   94. grains/lb\par
                  Nominal Fuel RVP:   9.0 psi\par
                     Weathered RVP:   8.7 psi\par
               Fuel Sulfur Content:  279. ppm\par
```

```
\par
              Exhaust I/M Program:  No  \par
                 Evap I/M Program:  No  \par
                      ATP Program:  No  \par
                 Reformulated Gas:  No\par
\par
       Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV         MC   All Veh\par
               GVWR:                <6000     >6000     (All)\par
                        ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.4809    0.3166    0.1081              0.0259    0.0012
0.0019    0.0606    0.0049    1.0000\par

-----------------------------------------------------------------------------------
----------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      1.961     1.881     2.565     2.055     1.628     0.786
0.922     0.571      2.04     1.905\par
     Composite NOX :      1.318     1.399     1.692     1.474     5.040     1.537
1.462    12.707      1.11     2.170\par

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 \par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 5: HPMS Rural Minor Collector (M6 Arterial/Collector)
                                                  \par
* File 2, Run 1, Scenario 5.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
  M583 Warning:\par
            The user supplied arterial average speed of 33.9\par
            will be used for all hours of the day.  100% of VMT\par
            has been assigned to the arterial/collector roadway\par
            type for all hours of the day and all vehicle types.\par
  M615 Comment:\par
              User supplied VMT mix.\par
  M 48 Warning:\par
             there are no sales for vehicle class HDGV8b  \par
\par
                   Calendar Year:  2002\par
                           Month:  July\par
                        Altitude:  Low \par
             Minimum Temperature:  65.0 (F)\par
             Maximum Temperature:  86.3 (F)\par
               Absolute Humidity:   94. grains/lb\par
                Nominal Fuel RVP:   9.0 psi\par
                   Weathered RVP:   8.7 psi\par
             Fuel Sulfur Content:  279. ppm\par
\par
             Exhaust I/M Program:  No  \par
                Evap I/M Program:  No  \par
                      ATP Program:  No  \par
                Reformulated Gas:  No\par
\par
       Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV         MC   All Veh\par
               GVWR:                <6000     >6000     (All)\par
                        ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.4520    0.2978    0.1017              0.0374    0.0012
0.0017    0.0871    0.0211    1.0000\par
```

```
---------------------------------------------------------------------------------
--------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      2.030     1.943     2.640     2.121     1.755     0.830
0.973     0.631      2.12     1.933\par
     Composite NOX :      1.318     1.393     1.688     1.468     4.852     1.514
1.440    12.540      1.08     2.483\par

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 \par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 6: HPMS Rural Local (M6 Arterial/Collector)
                                          \par
* File 2, Run 1, Scenario 6.
\par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
  M583 Warning:\par
            The user supplied arterial average speed of 29.3\par
            will be used for all hours of the day.  100% of VMT\par
            has been assigned to the arterial/collector roadway\par
            type for all hours of the day and all vehicle types.\par
  M615 Comment:\par
             User supplied VMT mix.\par
  M 48 Warning:\par
            there are no sales for vehicle class HDGV8b  \par
\par
                    Calendar Year:  2002\par
                            Month:  July\par
                         Altitude:  Low \par
               Minimum Temperature:  65.0 (F)\par
               Maximum Temperature:  86.3 (F)\par
                 Absolute Humidity:   94. grains/lb\par
                   Nominal Fuel RVP:   9.0 psi\par
                       Weathered RVP:   8.7 psi\par
               Fuel Sulfur Content:  279. ppm\par
\par
               Exhaust I/M Program:  No  \par
                  Evap I/M Program:  No  \par
                       ATP Program:  No  \par
                  Reformulated Gas:  No\par
\par
      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV        MC   All Veh\par
                GVWR:                <6000     >6000     (All)\par
                          ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.4777    0.3146    0.1074              0.0277    0.0012
0.0018    0.0651    0.0045    1.0000\par

---------------------------------------------------------------------------------
--------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      2.140     2.046     2.771     2.231     2.020     0.890
1.044     0.717      2.24     2.079\par
     Composite NOX :      1.349     1.416     1.714     1.492     4.696     1.532
1.458    12.684      1.04     2.239\par

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--------------------------------\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
```

```
* Scenario 7: HPMS Urban Interstate (M6 Freeway/Freeway Ramp)
                                                \par
* File 2, Run 1, Scenario 7.
\par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
  M 52 Warning:\par
                0.000     speed increased to 2.5 mph minimum\par
  M514 Warning:\par
              The combined freeway and ramp average speed entered\par
             cannot be less than  2.7 miles per hour.\par
             The average speed will be reset to this value.\par
  M582 Warning:\par
             The user supplied freeway average speed of  2.7\par
             will be used for all hours of the day. 100% of VMT\par
             has been assigned to a fixed combination of freeways\par
             and freeway ramps for all hours of the day and all\par
              vehicle types.\par
  M615 Comment:\par
                User supplied VMT mix.\par
  M 48 Warning:\par
              there are no sales for vehicle class HDGV8b  \par
\par
                     Calendar Year:  2002\par
                             Month:  July\par
                          Altitude:  Low \par
                Minimum Temperature:  65.0 (F)\par
                Maximum Temperature:  86.3 (F)\par
                  Absolute Humidity:   94. grains/lb\par
                   Nominal Fuel RVP:   9.0 psi\par
                      Weathered RVP:   8.7 psi\par
                Fuel Sulfur Content:  279. ppm\par
\par
                Exhaust I/M Program:  No  \par
                   Evap I/M Program:  No  \par
                        ATP Program:  No  \par
                  Reformulated Gas:  No\par
\par
       Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV        MC   All Veh\par
              GVWR:                <6000     >6000     (All)\par
                     ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.4144    0.2729    0.0932              0.0644    0.0011
0.0016    0.1499    0.0025    1.0000\par

-------------------------------------------------------------------------------
---------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :     17.592    15.190    17.798    15.854    17.495    1.829
2.147     2.024      8.14    14.551\par
     Composite NOX :      2.594     2.606     3.015     2.710     3.750    2.816
2.683    24.758      1.00     6.030\par

-------------------------------------------------------------------------------
---------------------------------\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 8: HPMS Urban Freeway/Expressway (M6 Freeway/Freeway Ramp)
                                                \par
* File 2, Run 1, Scenario 8.
\par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
  M 52 Warning:\par
```

```
                0.000      speed increased to 2.5 mph minimum\par
  M514 Warning:\par
               The combined freeway and ramp average speed entered\par
              cannot be less than  2.7 miles per hour.\par
              The average speed will be reset to this value.\par
  M582 Warning:\par
              The user supplied freeway average speed of  2.7\par
              will be used for all hours of the day. 100% of VMT\par
              has been assigned to a fixed combination of freeways\par
              and freeway ramps for all hours of the day and all\par
               vehicle types.\par
  M615 Comment:\par
                User supplied VMT mix.\par
  M 48 Warning:\par
               there are no sales for vehicle class HDGV8b  \par
\par
                     Calendar Year:  2002\par
                             Month:  July\par
                          Altitude:  Low \par
                Minimum Temperature:  65.0 (F)\par
                Maximum Temperature:  86.3 (F)\par
                  Absolute Humidity:   94. grains/lb\par
                   Nominal Fuel RVP:   9.0 psi\par
                      Weathered RVP:   8.7 psi\par
                Fuel Sulfur Content:  279. ppm\par
\par
                Exhaust I/M Program:  No  \par
                   Evap I/M Program:  No  \par
                        ATP Program:  No  \par
                   Reformulated Gas:  No\par
\par
       Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT       HDGV       LDDV
 LDDT       HDDV         MC    All Veh\par
                GVWR:               <6000     >6000     (All)\par
                      ------    ------    ------    ------     ------     ------
------     ------     ------    ------\par
   VMT Distribution:    0.4542    0.2992    0.1022               0.0416     0.0012
0.0018     0.0966     0.0033    1.0000\par

-------------------------------------------------------------------------------
---------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      17.592    15.191    17.800    15.855    17.300    1.829
2.147      2.022       8.14    15.302\par
     Composite NOX :       2.594     2.606     3.015     2.710     3.741    2.816
2.683     24.761       1.00     4.824\par

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 \par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 9: HPMS Urban OPA (M6 Arterial/Collector)
                                          \par
* File 2, Run 1, Scenario 9.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
  M583 Warning:\par
              The user supplied arterial average speed of 39.2\par
              will be used for all hours of the day.  100% of VMT\par
              has been assigned to the arterial/collector roadway\par
              type for all hours of the day and all vehicle types.\par
  M615 Comment:\par
               User supplied VMT mix.\par
```

```
  M 48 Warning:\par
             there are no sales for vehicle class HDGV8b  \par
\par
                    Calendar Year:  2002\par
                            Month:  July\par
                         Altitude:  Low \par
                Minimum Temperature:  65.0 (F)\par
                Maximum Temperature:  86.3 (F)\par
                  Absolute Humidity:   94. grains/lb\par
                   Nominal Fuel RVP:   9.0 psi\par
                      Weathered RVP:   8.7 psi\par
                Fuel Sulfur Content:  279. ppm\par
\par
                Exhaust I/M Program:  No  \par
                   Evap I/M Program:  No  \par
                        ATP Program:  No  \par
                   Reformulated Gas:  No\par
\par
       Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV        MC   All Veh\par
                GVWR:                <6000     >6000     (All)\par
                          ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.4856    0.3199    0.1093                0.0235    0.0012
0.0019    0.0547    0.0040    1.0000\par

-------------------------------------------------------------------------------------
---------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      1.949     1.872     2.553     2.045     1.566     0.778
0.913     0.559      2.03     1.902\par
     Composite NOX :      1.320     1.401     1.695     1.476     5.047     1.543
1.468    12.755      1.11     2.100\par

-------------------------------------------------------------------------------------
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 \par
* # # # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 10: HPMS Urban Minor Arterial (M6 Arterial/Collector)
                                          \par
* File 2, Run 1, Scenario 10.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # # #\par
  M583 Warning:\par
             The user supplied arterial average speed of 38.0\par
             will be used for all hours of the day.  100% of VMT\par
             has been assigned to the arterial/collector roadway\par
             type for all hours of the day and all vehicle types.\par
  M615 Comment:\par
              User supplied VMT mix.\par
  M 48 Warning:\par
             there are no sales for vehicle class HDGV8b  \par
\par
                    Calendar Year:  2002\par
                            Month:  July\par
                         Altitude:  Low \par
                Minimum Temperature:  65.0 (F)\par
                Maximum Temperature:  86.3 (F)\par
                  Absolute Humidity:   94. grains/lb\par
                   Nominal Fuel RVP:   9.0 psi\par
                      Weathered RVP:   8.7 psi\par
                Fuel Sulfur Content:  279. ppm\par
\par
```

```
                Exhaust I/M Program:  No  \par
                  Evap I/M Program:  No  \par
                       ATP Program:  No  \par
                 Reformulated Gas:  No\par
\par
        Vehicle Type:       LDGV    LDGT12    LDGT34       LDGT       HDGV       LDDV
 LDDT       HDDV          MC   All Veh\par
                GVWR:                <6000     >6000     (All)\par
                          ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.4931    0.3246    0.1109                 0.0192    0.0013
0.0019    0.0448    0.0042    1.0000\par

-------------------------------------------------------------------------------
-----------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      1.965     1.885     2.569     2.059     1.640     0.789
0.925     0.575      2.05     1.934\par
     Composite NOX :      1.318     1.398     1.692     1.473     5.031     1.535
1.460    12.691      1.10     1.966\par

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-----------------------------------\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 11: HPMS Urban Collector (M6 Arterial/Collector)
                                          \par
* File 2, Run 1, Scenario 11.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
  M583 Warning:\par
            The user supplied arterial average speed of 34.0\par
            will be used for all hours of the day.  100% of VMT\par
            has been assigned to the arterial/collector roadway\par
            type for all hours of the day and all vehicle types.\par
  M615 Comment:\par
              User supplied VMT mix.\par
  M 48 Warning:\par
              there are no sales for vehicle class HDGV8b  \par
\par
                    Calendar Year:  2002\par
                            Month:  July\par
                         Altitude:  Low \par
              Minimum Temperature:  65.0 (F)\par
              Maximum Temperature:  86.3 (F)\par
                Absolute Humidity:   94. grains/lb\par
                 Nominal Fuel RVP:   9.0 psi\par
                    Weathered RVP:   8.7 psi\par
              Fuel Sulfur Content:  279. ppm\par
\par
              Exhaust I/M Program:  No  \par
                Evap I/M Program:  No  \par
                     ATP Program:  No  \par
               Reformulated Gas:  No\par
\par
        Vehicle Type:       LDGV    LDGT12    LDGT34       LDGT       HDGV       LDDV
 LDDT       HDDV          MC   All Veh\par
                GVWR:                <6000     >6000     (All)\par
                          ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.5011    0.3299    0.1127                 0.0142    0.0013
0.0019    0.0332    0.0056    1.0000\par
```

```
-------------------------------------------------------------------------------
---------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      2.028     1.941     2.637     2.118     1.753     0.829
0.972     0.630      2.12     2.015\par
     Composite NOX :      1.317     1.392     1.687     1.468     4.857     1.514
1.440    12.536      1.08     1.805\par

-------------------------------------------------------------------------------
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 \par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 12: HPMS Urban Local (M6 Local Road) - 12.9
                                                \par
* File 2, Run 1, Scenario 12.
\par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
\par
* Reading Hourly Roadway VMT distribution from the following external\par
* data file: FVMTLOCL.DEF\par
\par
  Reading User Supplied ROADWAY VMT Factors\par
  M615 Comment:\par
               User supplied VMT mix.\par
  M 48 Warning:\par
               there are no sales for vehicle class HDGV8b  \par
\par
                     Calendar Year:  2002\par
                             Month:  July\par
                          Altitude:  Low \par
                 Minimum Temperature:  65.0 (F)\par
                 Maximum Temperature:  86.3 (F)\par
                   Absolute Humidity:   94. grains/lb\par
                    Nominal Fuel RVP:   9.0 psi\par
                       Weathered RVP:   8.7 psi\par
                 Fuel Sulfur Content:  279. ppm\par
\par
                 Exhaust I/M Program:  No  \par
                    Evap I/M Program:  No  \par
                         ATP Program:  No  \par
                    Reformulated Gas:  No\par
\par
       Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV        MC   All Veh\par
                  GVWR:               <6000     >6000     (All)\par
                        ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.5086    0.3350    0.1145              0.0104    0.0013
0.0020    0.0256    0.0026    1.0000\par

-------------------------------------------------------------------------------
---------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      3.103     2.979     3.855     3.202     4.853     1.310
1.536     1.324      3.16     3.115\par
     Composite NOX :      1.320     1.344     1.647     1.421     4.184     2.024
1.926    14.421      0.87     1.731\par

-------------------------------------------------------------------------------
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*******************************************************************************\par
* MOBILE6.2.03 (24-Sep-2003)                                                   *\par
* Input file: GREENE.IN (file 2, run 2).                                       *\par
```

```
**********************************************************************\par
  M617 Comment:\par
               User supplied alternate AC input: Cloud Cover Fraction set to
0.34.\par
  M618 Comment:\par
               User supplied alternate AC input: Sunrise at  6 AM, Sunset at  8
PM.\par
  M603 Comment:\par
               User has disabled the calculation of REFUELING emissions.\par
\par
\par
* Reading Registration Distributions from the following external\par
* data file: 28-REG.D\par
  M 49 Warning:\par
                 1.00      MYR sum not = 1. (will normalize)\par
  M 49 Warning:\par
                 1.00      MYR sum not = 1. (will normalize)\par
  M 49 Warning:\par
                 1.00      MYR sum not = 1. (will normalize)\par
  M 49 Warning:\par
                 1.00      MYR sum not = 1. (will normalize)\par
  M 49 Warning:\par
                 1.00      MYR sum not = 1. (will normalize)\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 13: HPMS Rural Interstate (M6 Freeway/Freeway Ramp)
                                      \par
* File 2, Run 2, Scenario 1.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
  M 52 Warning:\par
                 0.000     speed increased to 2.5 mph minimum\par
  M514 Warning:\par
              The combined freeway and ramp average speed entered\par
             cannot be less than  2.6 miles per hour.\par
             The average speed will be reset to this value.\par
  M582 Warning:\par
             The user supplied freeway average speed of  2.6\par
             will be used for all hours of the day. 100% of VMT\par
             has been assigned to a fixed combination of freeways\par
             and freeway ramps for all hours of the day and all\par
              vehicle types.\par
  M615 Comment:\par
               User supplied VMT mix.\par
  M 48 Warning:\par
              there are no sales for vehicle class HDGV8b  \par
\par
                    Calendar Year:  2010\par
                            Month:  July\par
                         Altitude:  Low \par
               Minimum Temperature:  65.0 (F)\par
               Maximum Temperature:  86.3 (F)\par
                 Absolute Humidity:   94. grains/lb\par
                  Nominal Fuel RVP:   9.0 psi\par
                      Weathered RVP:   8.7 psi\par
               Fuel Sulfur Content:   30. ppm\par
\par
               Exhaust I/M Program:  No  \par
                  Evap I/M Program:  No  \par
                       ATP Program:  No  \par
                 Reformulated Gas:  No\par
\par
      Vehicle Type:      LDGV     LDGT12     LDGT34      LDGT       HDGV       LDDV
```

```
 LDDT      HDDV        MC   All Veh\par
              GVWR:                <6000     >6000     (All)\par
                        ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.3522    0.2319    0.0790              0.0974    0.0003
0.0012    0.2333    0.0047    1.0000\par

-----------------------------------------------------------------------------------
-----------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      10.158     8.120     9.519     8.476     8.255    0.596
1.073     1.189      8.44     7.335\par
     Composite NOX :       1.446     1.508     1.941     1.618     1.655    0.939
1.234    11.330      0.99     3.823\par

-----------------------------------------------------------------------------------
-----------------------------------\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 14: HPMS Rural OPA (M6 Non-Ramp)
                                        \par
* File 2, Run 2, Scenario 2.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
  M581 Warning:\par
            The user supplied freeway average speed of 51.5\par
            will be used for all hours of the day. 100% of VMT\par
            has been assigned to the freeway roadway type for\par
            all hours of the day and all vehicle types.\par
  M615 Comment:\par
              User supplied VMT mix.\par
  M 48 Warning:\par
             there are no sales for vehicle class HDGV8b  \par
\par
                    Calendar Year:  2010\par
                            Month:  July\par
                         Altitude:  Low \par
             Minimum Temperature:  65.0 (F)\par
             Maximum Temperature:  86.3 (F)\par
               Absolute Humidity:   94. grains/lb\par
                Nominal Fuel RVP:   9.0 psi\par
                   Weathered RVP:   8.7 psi\par
             Fuel Sulfur Content:   30. ppm\par
\par
             Exhaust I/M Program:  No  \par
                Evap I/M Program:  No  \par
                     ATP Program:  No  \par
                Reformulated Gas:  No\par
\par
       Vehicle Type:       LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV        MC   All Veh\par
              GVWR:                <6000     >6000     (All)\par
                        ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.4329    0.2848    0.0972              0.0524    0.0004
0.0014    0.1257    0.0052    1.0000\par

-----------------------------------------------------------------------------------
-----------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :       1.003     0.933     1.153     0.989     0.636    0.209
0.362     0.264      1.92     0.889\par
     Composite NOX :       0.713     0.833     1.067     0.893     2.476    0.609
```

```
0.798     7.591      1.25     1.742\par
-----------------------------------------------------------------------------------
-----------------------------------\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 15: HPMS Rural Minor Arterial (M6 Arterial/Collector)
                                                  \par
* File 2, Run 2, Scenario 3.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # # #\par
  M583 Warning:\par
            The user supplied arterial average speed of 47.2\par
            will be used for all hours of the day.  100% of VMT\par
            has been assigned to the arterial/collector roadway\par
            type for all hours of the day and all vehicle types.\par
  M615 Comment:\par
              User supplied VMT mix.\par
  M 48 Warning:\par
             there are no sales for vehicle class HDGV8b  \par
\par
                    Calendar Year:  2010\par
                            Month:  July\par
                         Altitude:  Low \par
             Minimum Temperature:  65.0 (F)\par
             Maximum Temperature:  86.3 (F)\par
               Absolute Humidity:   94. grains/lb\par
                Nominal Fuel RVP:   9.0 psi\par
                   Weathered RVP:   8.7 psi\par
             Fuel Sulfur Content:   30. ppm\par
\par
             Exhaust I/M Program:  No  \par
                Evap I/M Program:  No  \par
                     ATP Program:  No  \par
                Reformulated Gas:  No\par
\par
       Vehicle Type:       LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV          MC   All Veh\par
              GVWR:                <6000     >6000     (All)\par
                        ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.4658    0.3065    0.1045              0.0343    0.0004
0.0015    0.0827    0.0043    1.0000\par

-----------------------------------------------------------------------------------
-----------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      1.030     0.953     1.179     1.011     0.664     0.214
0.372     0.277      1.93     0.950\par
     Composite NOX :      0.705     0.822     1.054     0.881     2.410     0.556
0.728     6.362      1.17     1.306\par

-----------------------------------------------------------------------------------
-----------------------------------\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 16: HPMS Rural Major Collector (M6 Arterial/Collector)
                                                  \par
* File 2, Run 2, Scenario 4.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # # #\par
  M583 Warning:\par
            The user supplied arterial average speed of 38.2\par
```

```
            will be used for all hours of the day.  100% of VMT\par
            has been assigned to the arterial/collector roadway\par
            type for all hours of the day and all vehicle types.\par
  M615 Comment:\par
             User supplied VMT mix.\par
  M 48 Warning:\par
            there are no sales for vehicle class HDGV8b  \par
\par
                  Calendar Year:  2010\par
                          Month:  July\par
                       Altitude:  Low \par
            Minimum Temperature:  65.0 (F)\par
            Maximum Temperature:  86.3 (F)\par
              Absolute Humidity:   94. grains/lb\par
               Nominal Fuel RVP:   9.0 psi\par
                  Weathered RVP:   8.7 psi\par
            Fuel Sulfur Content:   30. ppm\par
\par
            Exhaust I/M Program:  No  \par
               Evap I/M Program:  No  \par
                    ATP Program:  No  \par
               Reformulated Gas:  No\par
\par
       Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV        MC   All Veh\par
            GVWR:                <6000     >6000     (All)\par
                        ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.4817    0.3169    0.1080              0.0252    0.0004
0.0016    0.0613    0.0049    1.0000\par

-------------------------------------------------------------------------------
---------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      1.090     0.997     1.236     1.058     0.744     0.234
0.408     0.325      2.02     1.024\par
     Composite NOX :      0.689     0.799     1.031     0.858     2.264     0.497
0.651     5.715      1.11     1.110\par

-------------------------------------------------------------------------------
---------------------------------\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 17: HPMS Rural Minor Collector (M6 Arterial/Collector)
                                        \par
* File 2, Run 2, Scenario 5.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
  M583 Warning:\par
            The user supplied arterial average speed of 33.9\par
            will be used for all hours of the day.  100% of VMT\par
            has been assigned to the arterial/collector roadway\par
            type for all hours of the day and all vehicle types.\par
  M615 Comment:\par
             User supplied VMT mix.\par
  M 48 Warning:\par
            there are no sales for vehicle class HDGV8b  \par
\par
                  Calendar Year:  2010\par
                          Month:  July\par
                       Altitude:  Low \par
            Minimum Temperature:  65.0 (F)\par
            Maximum Temperature:  86.3 (F)\par
```

```
                  Absolute Humidity:    94. grains/lb\par
                  Nominal Fuel RVP:     9.0 psi\par
                     Weathered RVP:     8.7 psi\par
                Fuel Sulfur Content:    30. ppm\par
\par
               Exhaust I/M Program:  No  \par
                  Evap I/M Program:  No  \par
                       ATP Program:  No  \par
                  Reformulated Gas:  No\par
\par
        Vehicle Type:       LDGV    LDGT12    LDGT34      LDGT       HDGV       LDDV
 LDDT       HDDV          MC   All Veh\par
                GVWR:                <6000     >6000     (All)\par
                        ------    ------    ------    ------     ------     ------
------     ------     ------    ------\par
   VMT Distribution:     0.4528    0.2981    0.1016                0.0365     0.0004
0.0015     0.0880     0.0211    1.0000\par

-------------------------------------------------------------------------------
-----------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :       1.127     1.025     1.271     1.087      0.794      0.248
0.434      0.358      2.10      1.050\par
     Composite NOX :       0.689     0.795     1.027     0.854      2.180      0.490
0.642      5.596      1.08      1.249\par

-------------------------------------------------------------------------------
-----------------------------------\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 18: HPMS Rural Local (M6 Arterial/Collector)
                                                \par
* File 2, Run 2, Scenario 6.
\par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
  M583 Warning:\par
            The user supplied arterial average speed of 29.2\par
            will be used for all hours of the day.  100% of VMT\par
            has been assigned to the arterial/collector roadway\par
            type for all hours of the day and all vehicle types.\par
  M615 Comment:\par
              User supplied VMT mix.\par
  M 48 Warning:\par
             there are no sales for vehicle class HDGV8b  \par
\par
                     Calendar Year:  2010\par
                             Month:  July\par
                          Altitude:  Low \par
                Minimum Temperature:  65.0 (F)\par
                Maximum Temperature:  86.3 (F)\par
                  Absolute Humidity:   94. grains/lb\par
                  Nominal Fuel RVP:   9.0 psi\par
                     Weathered RVP:   8.7 psi\par
                Fuel Sulfur Content:   30. ppm\par
\par
               Exhaust I/M Program:  No  \par
                  Evap I/M Program:  No  \par
                       ATP Program:  No  \par
                  Reformulated Gas:  No\par
\par
        Vehicle Type:       LDGV    LDGT12    LDGT34      LDGT       HDGV       LDDV
 LDDT       HDDV          MC   All Veh\par
                GVWR:                <6000     >6000     (All)\par
```

```
------  ------  ------  ------\par
   VMT Distribution:    0.4785    0.3149    0.1073             0.0270    0.0004
0.0016    0.0658    0.0045    1.0000\par

-------------------------------------------------------------------------------
--------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      1.184     1.071     1.331     1.137     0.880     0.268
0.471     0.408      2.22     1.108\par
     Composite NOX :      0.706     0.809     1.045     0.869     2.110     0.496
0.650     5.715      1.04     1.144\par

-------------------------------------------------------------------------------
--------------------------------\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 19: HPMS Urban Interstate (M6 Freeway/Freeway Ramp)
                                        \par
* File 2, Run 2, Scenario 7.
\par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
  M 52 Warning:\par
               0.000     speed increased to 2.5 mph minimum\par
  M514 Warning:\par
            The combined freeway and ramp average speed entered\par
           cannot be less than  2.7 miles per hour.\par
           The average speed will be reset to this value.\par
  M582 Warning:\par
           The user supplied freeway average speed of  2.7\par
           will be used for all hours of the day. 100% of VMT\par
           has been assigned to a fixed combination of freeways\par
           and freeway ramps for all hours of the day and all\par
            vehicle types.\par
  M615 Comment:\par
              User supplied VMT mix.\par
  M 48 Warning:\par
            there are no sales for vehicle class HDGV8b  \par
\par
                    Calendar Year:  2010\par
                            Month:  July\par
                         Altitude:  Low \par
               Minimum Temperature:  65.0 (F)\par
               Maximum Temperature:  86.3 (F)\par
                 Absolute Humidity:   94. grains/lb\par
                  Nominal Fuel RVP:   9.0 psi\par
                     Weathered RVP:   8.7 psi\par
               Fuel Sulfur Content:   30. ppm\par
\par
               Exhaust I/M Program:  No  \par
                  Evap I/M Program:  No  \par
                       ATP Program:  No  \par
                  Reformulated Gas:  No\par
\par
       Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV          MC   All Veh\par
                GVWR:                <6000     >6000     (All)\par
                     ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.4151    0.2732    0.0931             0.0630    0.0004
0.0014    0.1513    0.0025    1.0000\par

-------------------------------------------------------------------------------
```

```
----------\par
 Composite Emission Factors (g/mi):\par
      Composite VOC :      9.696     7.756     9.099     8.098     7.892     0.578
1.039     1.147      8.11     7.684\par
      Composite NOX :      1.413     1.478     1.903     1.586     1.685     0.916
1.203    11.048      1.00     2.950\par

------------------------------------------------------------------------------------
----------\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 20: HPMS Urban Freeway/Expressway (M6 Freeway/Freeway Ramp)
                                                \par
* File 2, Run 2, Scenario 8.
\par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
  M 52 Warning:\par
                0.000     speed increased to 2.5 mph minimum\par
  M514 Warning:\par
            The combined freeway and ramp average speed entered\par
           cannot be less than  2.7 miles per hour.\par
           The average speed will be reset to this value.\par
  M582 Warning:\par
           The user supplied freeway average speed of  2.7\par
           will be used for all hours of the day. 100% of VMT\par
           has been assigned to a fixed combination of freeways\par
           and freeway ramps for all hours of the day and all\par
            vehicle types.\par
  M615 Comment:\par
              User supplied VMT mix.\par
  M 48 Warning:\par
           there are no sales for vehicle class HDGV8b  \par
\par
                    Calendar Year:  2010\par
                            Month:  July\par
                         Altitude:  Low \par
                Minimum Temperature:  65.0 (F)\par
                Maximum Temperature:  86.3 (F)\par
                  Absolute Humidity:   94. grains/lb\par
                   Nominal Fuel RVP:   9.0 psi\par
                      Weathered RVP:   8.7 psi\par
                Fuel Sulfur Content:   30. ppm\par
\par
                Exhaust I/M Program:  No  \par
                   Evap I/M Program:  No  \par
                        ATP Program:  No  \par
                   Reformulated Gas:  No\par
\par
       Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV         MC   All Veh\par
                GVWR:               <6000     >6000     (All)\par
                          ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.4550    0.2995    0.1021              0.0408    0.0004
0.0015    0.0974    0.0033    1.0000\par

------------------------------------------------------------------------------------
----------\par
 Composite Emission Factors (g/mi):\par
      Composite VOC :      9.696     7.757     9.100     8.098     7.858     0.578
1.039     1.145      8.11     8.125\par
      Composite NOX :      1.413     1.478     1.903     1.586     1.680     0.916
1.203    11.005      1.00     2.426\par
```

```
-----------------------------------\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 21: HPMS Urban OPA (M6 Arterial/Collector)
                                        \par
* File 2, Run 2, Scenario 9.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
  M583 Warning:\par
            The user supplied arterial average speed of 36.3\par
            will be used for all hours of the day.  100% of VMT\par
            has been assigned to the arterial/collector roadway\par
            type for all hours of the day and all vehicle types.\par
  M615 Comment:\par
              User supplied VMT mix.\par
  M 48 Warning:\par
             there are no sales for vehicle class HDGV8b  \par
\par
                    Calendar Year:  2010\par
                            Month:  July\par
                         Altitude:  Low \par
             Minimum Temperature:  65.0 (F)\par
             Maximum Temperature:  86.3 (F)\par
               Absolute Humidity:   94. grains/lb\par
                Nominal Fuel RVP:   9.0 psi\par
                   Weathered RVP:   8.7 psi\par
             Fuel Sulfur Content:   30. ppm\par
\par
             Exhaust I/M Program:  No  \par
                Evap I/M Program:  No  \par
                     ATP Program:  No  \par
                Reformulated Gas:  No\par
\par
      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV        MC   All Veh\par
              GVWR:                <6000     >6000     (All)\par
                       ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.4864    0.3202    0.1092              0.0229    0.0004
0.0016    0.0553    0.0040    1.0000\par

-----------------------------------------------------------------------------------
-----------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      1.104     1.008     1.249     1.069     0.760    0.240
0.419     0.338      2.05     1.041\par
     Composite NOX :      0.687     0.795     1.027     0.854     2.218    0.493
0.645     5.615      1.09     1.068\par

-----------------------------------------------------------------------------------
-----------------------------------\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 22: HPMS Urban Minor Arterial (M6 Arterial/Collector)
                                        \par
* File 2, Run 2, Scenario 10.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
  M583 Warning:\par
            The user supplied arterial average speed of 37.7\par
            will be used for all hours of the day.  100% of VMT\par
```

```
            has been assigned to the arterial/collector roadway\par
            type for all hours of the day and all vehicle types.\par
  M615 Comment:\par
               User supplied VMT mix.\par
  M 48 Warning:\par
            there are no sales for vehicle class HDGV8b  \par
\par
                    Calendar Year:  2010\par
                            Month:  July\par
                         Altitude:  Low \par
                Minimum Temperature:  65.0 (F)\par
                Maximum Temperature:  86.3 (F)\par
                  Absolute Humidity:   94. grains/lb\par
                   Nominal Fuel RVP:   9.0 psi\par
                      Weathered RVP:   8.7 psi\par
                Fuel Sulfur Content:   30. ppm\par
\par
                Exhaust I/M Program:  No  \par
                   Evap I/M Program:  No  \par
                        ATP Program:  No  \par
                  Reformulated Gas:  No\par
\par
        Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV         MC   All Veh\par
                GVWR:                <6000     >6000     (All)\par
                          ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.4940    0.3250    0.1108                0.0186    0.0004
0.0016    0.0454    0.0042    1.0000\par

-------------------------------------------------------------------------------
-----------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      1.093     1.000     1.239     1.061     0.750     0.235
0.411     0.329      2.02     1.040\par
     Composite NOX :      0.689     0.798     1.030     0.857     2.257     0.496
0.650     5.701      1.10     1.020\par

-------------------------------------------------------------------------------
-----------------------------------\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 23: HPMS Urban Collector (M6 Arterial/Collector)
                                        \par
* File 2, Run 2, Scenario 11.
\par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
  M583 Warning:\par
            The user supplied arterial average speed of 33.9\par
            will be used for all hours of the day.  100% of VMT\par
            has been assigned to the arterial/collector roadway\par
            type for all hours of the day and all vehicle types.\par
  M615 Comment:\par
               User supplied VMT mix.\par
  M 48 Warning:\par
            there are no sales for vehicle class HDGV8b  \par
\par
                    Calendar Year:  2010\par
                            Month:  July\par
                         Altitude:  Low \par
                Minimum Temperature:  65.0 (F)\par
                Maximum Temperature:  86.3 (F)\par
                  Absolute Humidity:   94. grains/lb\par
```

```
                 Nominal Fuel RVP:    9.0 psi\par
                    Weathered RVP:    8.7 psi\par
              Fuel Sulfur Content:    30. ppm\par
\par
              Exhaust I/M Program:  No  \par
                 Evap I/M Program:  No  \par
                      ATP Program:  No  \par
                 Reformulated Gas:  No\par
\par
       Vehicle Type:       LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT       HDDV         MC   All Veh\par
              GVWR:                <6000     >6000     (All)\par
                        ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.5020    0.3303    0.1127              0.0139    0.0004
0.0016    0.0335    0.0056    1.0000\par

-----------------------------------------------------------------------------------
----------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :       1.127     1.025     1.271     1.087     0.794     0.248
0.434     0.358      2.10     1.083\par
     Composite NOX :       0.689     0.795     1.027     0.854     2.181     0.490
0.642     5.598      1.08     0.949\par

-----------------------------------------------------------------------------------
----------------------------------\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 24: HPMS Urban Local (M6 Local Road) - 12.9
                                        \par
* File 2, Run 2, Scenario 12.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
\par
* Reading Hourly Roadway VMT distribution from the following external\par
* data file: FVMTLOCL.DEF\par
\par
  Reading User Supplied ROADWAY VMT Factors\par
  M615 Comment:\par
              User supplied VMT mix.\par
  M 48 Warning:\par
             there are no sales for vehicle class HDGV8b  \par
\par
                   Calendar Year:  2010\par
                           Month:  July\par
                        Altitude:  Low \par
             Minimum Temperature:  65.0 (F)\par
             Maximum Temperature:  86.3 (F)\par
               Absolute Humidity:   94. grains/lb\par
                Nominal Fuel RVP:   9.0 psi\par
                   Weathered RVP:   8.7 psi\par
             Fuel Sulfur Content:   30. ppm\par
\par
             Exhaust I/M Program:  No  \par
                Evap I/M Program:  No  \par
                     ATP Program:  No  \par
                Reformulated Gas:  No\par
\par
       Vehicle Type:       LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT       HDDV         MC   All Veh\par
              GVWR:                <6000     >6000     (All)\par
                        ------    ------    ------    ------    ------    ------
```

```
------  ------  ------  ------\par
   VMT Distribution:    0.5094    0.3354    0.1144                0.0099    0.0005
0.0017    0.0261    0.0026    1.0000\par

-------------------------------------------------------------------------------
---------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :       1.683     1.510     1.856     1.598     1.718     0.406
0.725     0.758      3.13     1.622\par
     Composite NOX :       0.700     0.791     1.021     0.849     1.890     0.657
0.861     7.576      0.87     0.959\par

-------------------------------------------------------------------------------
---------------------------------\par
*******************************************************************************\par
* MOBILE6.2.03 (24-Sep-2003)                                                   *\par
* Input file: GREENE.IN (file 2, run 3).                                       *\par
*******************************************************************************\par
  M617 Comment:\par
               User supplied alternate AC input: Cloud Cover Fraction set to
0.34.\par
  M618 Comment:\par
               User supplied alternate AC input: Sunrise at  6 AM, Sunset at  8
PM.\par
  M603 Comment:\par
               User has disabled the calculation of REFUELING emissions.\par
\par
\par
* Reading Registration Distributions from the following external\par
* data file: 28-REG.D\par
  M 49 Warning:\par
                 1.00      MYR sum not = 1. (will normalize)\par
  M 49 Warning:\par
                 1.00      MYR sum not = 1. (will normalize)\par
  M 49 Warning:\par
                 1.00      MYR sum not = 1. (will normalize)\par
  M 49 Warning:\par
                 1.00      MYR sum not = 1. (will normalize)\par
  M 49 Warning:\par
                 1.00      MYR sum not = 1. (will normalize)\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 25: HPMS Rural Interstate (M6 Freeway/Freeway Ramp)
                                          \par
* File 2, Run 3, Scenario 1.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
  M 52 Warning:\par
                 0.000     speed increased to 2.5 mph minimum\par
  M514 Warning:\par
              The combined freeway and ramp average speed entered\par
             cannot be less than  2.6 miles per hour.\par
             The average speed will be reset to this value.\par
  M582 Warning:\par
             The user supplied freeway average speed of  2.6\par
             will be used for all hours of the day. 100% of VMT\par
             has been assigned to a fixed combination of freeways\par
             and freeway ramps for all hours of the day and all\par
              vehicle types.\par
  M615 Comment:\par
                User supplied VMT mix.\par
  M 48 Warning:\par
              there are no sales for vehicle class HDGV8b  \par
```

```
  M 48 Warning:\par
               there are no sales for vehicle class LDDT12  \par
\par
                     Calendar Year:  2015\par
                             Month:  July\par
                          Altitude:  Low \par
                 Minimum Temperature:  65.0 (F)\par
                 Maximum Temperature:  86.3 (F)\par
                   Absolute Humidity:   94. grains/lb\par
                    Nominal Fuel RVP:   9.0 psi\par
                       Weathered RVP:   8.7 psi\par
                 Fuel Sulfur Content:   30. ppm\par
\par
                 Exhaust I/M Program:  No  \par
                    Evap I/M Program:  No  \par
                         ATP Program:  No  \par
                    Reformulated Gas:  No\par
\par
       Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV        MC   All Veh\par
                GVWR:               <6000     >6000     (All)\par
                     ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.3522    0.2319    0.0790              0.0970    0.0003
0.0012    0.2337    0.0047    1.0000\par

-------------------------------------------------------------------------------
-----------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      5.657     4.738     6.770     5.255     5.226     0.346
0.665     0.910      8.44     4.386\par
     Composite NOX :      0.989     1.016     1.318     1.093     0.806     0.448
0.629     5.403      0.99     2.034\par

-------------------------------------------------------------------------------
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 \par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 26: HPMS Rural OPA (M6 Non-Ramp)
                                        \par
* File 2, Run 3, Scenario 2.
\par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
  M581 Warning:\par
            The user supplied freeway average speed of 51.4\par
            will be used for all hours of the day. 100% of VMT\par
            has been assigned to the freeway roadway type for\par
            all hours of the day and all vehicle types.\par
  M615 Comment:\par
              User supplied VMT mix.\par
  M 48 Warning:\par
              there are no sales for vehicle class HDGV8b  \par
  M 48 Warning:\par
              there are no sales for vehicle class LDDT12  \par
\par
                    Calendar Year:  2015\par
                            Month:  July\par
                         Altitude:  Low \par
                Minimum Temperature:  65.0 (F)\par
                Maximum Temperature:  86.3 (F)\par
                  Absolute Humidity:   94. grains/lb\par
                   Nominal Fuel RVP:   9.0 psi\par
                      Weathered RVP:   8.7 psi\par
```

```
                Fuel Sulfur Content:   30. ppm\par
\par
               Exhaust I/M Program:  No  \par
                  Evap I/M Program:  No  \par
                       ATP Program:  No  \par
                 Reformulated Gas:  No\par
\par
        Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV         MC   All Veh\par
                GVWR:               <6000     >6000     (All)\par
                      ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.4329    0.2848    0.0972              0.0522    0.0004
0.0014    0.1259    0.0052    1.0000\par

-------------------------------------------------------------------------------
---------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      0.629     0.620     0.877     0.685     0.424     0.121
0.236     0.202      1.92     0.592\par
     Composite NOX :      0.485     0.564     0.741     0.609     1.205     0.290
0.407     3.618      1.24     0.968\par

-------------------------------------------------------------------------------
---------------------------------\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 27: HPMS Rural Minor Arterial (M6 Arterial/Collector)
                                                \par
* File 2, Run 3, Scenario 3.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
 M583 Warning:\par
            The user supplied arterial average speed of 47.1\par
            will be used for all hours of the day.  100% of VMT\par
            has been assigned to the arterial/collector roadway\par
            type for all hours of the day and all vehicle types.\par
 M615 Comment:\par
              User supplied VMT mix.\par
 M 48 Warning:\par
            there are no sales for vehicle class HDGV8b  \par
 M 48 Warning:\par
            there are no sales for vehicle class LDDT12  \par
\par
                    Calendar Year:  2015\par
                            Month:  July\par
                         Altitude:  Low \par
                Minimum Temperature:  65.0 (F)\par
                Maximum Temperature:  86.3 (F)\par
                  Absolute Humidity:   94. grains/lb\par
                   Nominal Fuel RVP:   9.0 psi\par
                      Weathered RVP:   8.7 psi\par
                Fuel Sulfur Content:   30. ppm\par
\par
               Exhaust I/M Program:  No  \par
                  Evap I/M Program:  No  \par
                       ATP Program:  No  \par
                 Reformulated Gas:  No\par
\par
        Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV         MC   All Veh\par
                GVWR:               <6000     >6000     (All)\par
                      ------    ------    ------    ------    ------    ------
```

```
------    ------    ------    ------\par
   VMT Distribution:    0.4658    0.3065    0.1045              0.0341    0.0004
0.0015    0.0829    0.0043    1.0000\par

-----------------------------------------------------------------------------------
----------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      0.644     0.631     0.894     0.698     0.441    0.124
0.242     0.213      1.93     0.628\par
     Composite NOX :      0.479     0.556     0.732     0.601     1.172    0.265
0.372     3.053      1.17     0.769\par

-----------------------------------------------------------------------------------
----------------------------------\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 28: HPMS Rural Major Collector (M6 Arterial/Collector)
                                        \par
* File 2, Run 3, Scenario 4.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
  M583 Warning:\par
            The user supplied arterial average speed of 38.1\par
            will be used for all hours of the day.  100% of VMT\par
            has been assigned to the arterial/collector roadway\par
            type for all hours of the day and all vehicle types.\par
  M615 Comment:\par
              User supplied VMT mix.\par
  M 48 Warning:\par
             there are no sales for vehicle class HDGV8b  \par
  M 48 Warning:\par
             there are no sales for vehicle class LDDT12  \par
\par
                    Calendar Year:  2015\par
                            Month:  July\par
                         Altitude:  Low \par
             Minimum Temperature:  65.0 (F)\par
             Maximum Temperature:  86.3 (F)\par
               Absolute Humidity:   94. grains/lb\par
                Nominal Fuel RVP:   9.0 psi\par
                   Weathered RVP:   8.7 psi\par
             Fuel Sulfur Content:   30. ppm\par
\par
             Exhaust I/M Program:  No  \par
                Evap I/M Program:  No  \par
                     ATP Program:  No  \par
                Reformulated Gas:  No\par
\par
       Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV        MC   All Veh\par
              GVWR:                <6000     >6000     (All)\par
                        ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.4817    0.3169    0.1080              0.0251    0.0004
0.0016    0.0614    0.0049    1.0000\par

-----------------------------------------------------------------------------------
----------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      0.678     0.655     0.931     0.725     0.492    0.136
0.264     0.249      2.02     0.673\par
     Composite NOX :      0.468     0.541     0.715     0.585     1.100    0.237
0.333     2.761      1.10     0.677\par
```

```
---------------------------------\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 29: HPMS Rural Minor Collector (M6 Arterial/Collector)
                                                \par
* File 2, Run 3, Scenario 5.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
  M583 Warning:\par
            The user supplied arterial average speed of 33.9\par
            will be used for all hours of the day.  100% of VMT\par
            has been assigned to the arterial/collector roadway\par
            type for all hours of the day and all vehicle types.\par
  M615 Comment:\par
              User supplied VMT mix.\par
  M 48 Warning:\par
              there are no sales for vehicle class HDGV8b  \par
  M 48 Warning:\par
              there are no sales for vehicle class LDDT12  \par
\par
                     Calendar Year:  2015\par
                             Month:  July\par
                          Altitude:  Low \par
                Minimum Temperature:  65.0 (F)\par
                Maximum Temperature:  86.3 (F)\par
                  Absolute Humidity:   94. grains/lb\par
                   Nominal Fuel RVP:   9.0 psi\par
                       Weathered RVP:   8.7 psi\par
                Fuel Sulfur Content:   30. ppm\par
\par
                Exhaust I/M Program:  No  \par
                   Evap I/M Program:  No  \par
                        ATP Program:  No  \par
                   Reformulated Gas:  No\par
\par
       Vehicle Type:       LDGV    LDGT12    LDGT34       LDGT       HDGV       LDDV
 LDDT       HDDV          MC    All Veh\par
                GVWR:                <6000     >6000     (All)\par
                        ------    ------    ------    ------    ------    ------
------     ------    ------    ------\par
   VMT Distribution:    0.4528    0.2981    0.1016                0.0364    0.0004
0.0015    0.0881    0.0211    1.0000\par

-------------------------------------------------------------------------------
---------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :       0.699     0.671     0.954     0.743     0.524     0.144
0.279     0.274     2.10      0.701\par
     Composite NOX :       0.468     0.538     0.713     0.583     1.061     0.234
0.328     2.689     1.08      0.744\par

-------------------------------------------------------------------------------
---------------------------------\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 30: HPMS Rural Local (M6 Arterial/Collector)
                                                \par
* File 2, Run 3, Scenario 6.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
  M583 Warning:\par
```

```
            The user supplied arterial average speed of 29.2\par
            will be used for all hours of the day.  100% of VMT\par
            has been assigned to the arterial/collector roadway\par
            type for all hours of the day and all vehicle types.\par
  M615 Comment:\par
              User supplied VMT mix.\par
  M 48 Warning:\par
            there are no sales for vehicle class HDGV8b  \par
  M 48 Warning:\par
            there are no sales for vehicle class LDDT12  \par
\par
                    Calendar Year:  2015\par
                            Month:  July\par
                         Altitude:  Low \par
              Minimum Temperature:  65.0 (F)\par
              Maximum Temperature:  86.3 (F)\par
                Absolute Humidity:   94. grains/lb\par
                 Nominal Fuel RVP:   9.0 psi\par
                    Weathered RVP:   8.7 psi\par
              Fuel Sulfur Content:   30. ppm\par
\par
              Exhaust I/M Program:  No  \par
                 Evap I/M Program:  No  \par
                      ATP Program:  No  \par
                 Reformulated Gas:  No\par
\par
       Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV         MC   All Veh\par
             GVWR:                <6000     >6000     (All)\par
                       ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.4785    0.3149    0.1073              0.0268    0.0004
0.0016    0.0660    0.0045    1.0000\par

-------------------------------------------------------------------------------
-----------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      0.733     0.698     0.994     0.774     0.575     0.156
0.302     0.312      2.22     0.724\par
     Composite NOX :      0.480     0.548     0.725     0.593     1.026     0.237
0.333     2.763      1.04     0.695\par

-------------------------------------------------------------------------------
-----------------------------------\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 31: HPMS Urban Interstate (M6 Freeway/Freeway Ramp)
                                      \par
* File 2, Run 3, Scenario 7.
\par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
  M 52 Warning:\par
              0.000      speed increased to 2.5 mph minimum\par
  M514 Warning:\par
             The combined freeway and ramp average speed entered\par
            cannot be less than  2.7 miles per hour.\par
            The average speed will be reset to this value.\par
  M582 Warning:\par
            The user supplied freeway average speed of  2.7\par
            will be used for all hours of the day. 100% of VMT\par
            has been assigned to a fixed combination of freeways\par
            and freeway ramps for all hours of the day and all\par
             vehicle types.\par
```

```
  M615 Comment:\par
               User supplied VMT mix.\par
  M 48 Warning:\par
              there are no sales for vehicle class HDGV8b  \par
  M 48 Warning:\par
              there are no sales for vehicle class LDDT12  \par
\par
                    Calendar Year:  2015\par
                            Month:  July\par
                         Altitude:  Low \par
              Minimum Temperature:  65.0 (F)\par
              Maximum Temperature:  86.3 (F)\par
                Absolute Humidity:   94. grains/lb\par
                 Nominal Fuel RVP:   9.0 psi\par
                    Weathered RVP:   8.7 psi\par
              Fuel Sulfur Content:   30. ppm\par
\par
              Exhaust I/M Program:  No  \par
                 Evap I/M Program:  No  \par
                      ATP Program:  No  \par
                 Reformulated Gas:  No\par
\par
       Vehicle Type:       LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV         MC   All Veh\par
              GVWR:                <6000     >6000     (All)\par
                        ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.4151    0.2732    0.0931              0.0627    0.0004
0.0014    0.1516    0.0025    1.0000\par

-------------------------------------------------------------------------------
-------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      5.404     4.530     6.473     5.024     4.990     0.335
0.645     0.878      8.11     4.551\par
     Composite NOX :      0.966     0.996     1.293     1.071     0.820     0.437
0.613     5.281      1.00     1.649\par

-------------------------------------------------------------------------------
-------------------------------\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 32: HPMS Urban Freeway/Expressway (M6 Freeway/Freeway Ramp)
                                        \par
* File 2, Run 3, Scenario 8.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
  M 52 Warning:\par
               0.000     speed increased to 2.5 mph minimum\par
  M514 Warning:\par
            The combined freeway and ramp average speed entered\par
           cannot be less than  2.7 miles per hour.\par
           The average speed will be reset to this value.\par
  M582 Warning:\par
           The user supplied freeway average speed of  2.7\par
           will be used for all hours of the day. 100% of VMT\par
           has been assigned to a fixed combination of freeways\par
           and freeway ramps for all hours of the day and all\par
            vehicle types.\par
  M615 Comment:\par
              User supplied VMT mix.\par
  M 48 Warning:\par
             there are no sales for vehicle class HDGV8b  \par
```

```
  M 48 Warning:\par
               there are no sales for vehicle class LDDT12  \par
\par
                     Calendar Year:  2015\par
                             Month:  July\par
                          Altitude:  Low \par
                 Minimum Temperature:  65.0 (F)\par
                 Maximum Temperature:  86.3 (F)\par
                   Absolute Humidity:   94. grains/lb\par
                    Nominal Fuel RVP:   9.0 psi\par
                       Weathered RVP:   8.7 psi\par
                 Fuel Sulfur Content:   30. ppm\par
\par
                 Exhaust I/M Program:  No  \par
                    Evap I/M Program:  No  \par
                         ATP Program:  No  \par
                    Reformulated Gas:  No\par
\par
       Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV         MC   All Veh\par
                GVWR:                <6000     >6000     (All)\par
                          ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.4550    0.2995    0.1021              0.0406    0.0004
0.0015    0.0976    0.0033    1.0000\par

-------------------------------------------------------------------------------
---------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      5.404     4.530     6.473     5.024     4.980    0.335
0.645     0.876      8.11     4.792\par
     Composite NOX :      0.966     0.996     1.293     1.071     0.819    0.437
0.613     5.240      1.00     1.419\par

-------------------------------------------------------------------------------
---------------------------------\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 33: HPMS Urban OPA (M6 Arterial/Collector)
                                          \par
* File 2, Run 3, Scenario 9.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
  M583 Warning:\par
            The user supplied arterial average speed of 34.0\par
            will be used for all hours of the day.  100% of VMT\par
            has been assigned to the arterial/collector roadway\par
            type for all hours of the day and all vehicle types.\par
  M615 Comment:\par
             User supplied VMT mix.\par
  M 48 Warning:\par
            there are no sales for vehicle class HDGV8b  \par
  M 48 Warning:\par
            there are no sales for vehicle class LDDT12  \par
\par
                     Calendar Year:  2015\par
                             Month:  July\par
                          Altitude:  Low \par
                 Minimum Temperature:  65.0 (F)\par
                 Maximum Temperature:  86.3 (F)\par
                   Absolute Humidity:   94. grains/lb\par
                    Nominal Fuel RVP:   9.0 psi\par
                       Weathered RVP:   8.7 psi\par
```

```
                Fuel Sulfur Content:   30. ppm\par
\par
               Exhaust I/M Program:  No  \par
                  Evap I/M Program:  No  \par
                       ATP Program:  No  \par
                 Reformulated Gas:  No\par
\par
        Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV         MC   All Veh\par
                GVWR:               <6000     >6000     (All)\par
                          ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.4864    0.3202    0.1092                0.0229    0.0004
0.0016    0.0553    0.0040    1.0000\par

-------------------------------------------------------------------------------
---------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      0.699     0.670     0.953     0.742     0.522     0.144
0.279     0.273      2.09     0.694\par
     Composite NOX :      0.468     0.538     0.713     0.582     1.061     0.234
0.328     2.678      1.08     0.655\par

-------------------------------------------------------------------------------
---------------------------------\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 34: HPMS Urban Minor Arterial (M6 Arterial/Collector)
                                                \par
* File 2, Run 3, Scenario 10.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
  M583 Warning:\par
            The user supplied arterial average speed of 37.5\par
            will be used for all hours of the day.  100% of VMT\par
            has been assigned to the arterial/collector roadway\par
            type for all hours of the day and all vehicle types.\par
  M615 Comment:\par
              User supplied VMT mix.\par
  M 48 Warning:\par
              there are no sales for vehicle class HDGV8b  \par
  M 48 Warning:\par
              there are no sales for vehicle class LDDT12  \par
\par
                    Calendar Year:  2015\par
                            Month:  July\par
                         Altitude:  Low \par
                Minimum Temperature:  65.0 (F)\par
                Maximum Temperature:  86.3 (F)\par
                  Absolute Humidity:   94. grains/lb\par
                     Nominal Fuel RVP:   9.0 psi\par
                        Weathered RVP:   8.7 psi\par
                Fuel Sulfur Content:   30. ppm\par
\par
               Exhaust I/M Program:  No  \par
                  Evap I/M Program:  No  \par
                       ATP Program:  No  \par
                 Reformulated Gas:  No\par
\par
        Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV         MC   All Veh\par
                GVWR:               <6000     >6000     (All)\par
                          ------    ------    ------    ------    ------    ------
```

```
------  ------  ------  ------\par
   VMT Distribution:    0.4940    0.3250    0.1108              0.0185    0.0004
0.0016    0.0455    0.0042    1.0000\par

-------------------------------------------------------------------------------
---------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      0.681     0.657     0.934     0.727     0.496     0.137
0.266     0.253      2.03     0.683\par
     Composite NOX :      0.468     0.540     0.714     0.584     1.096     0.237
0.332     2.753      1.10     0.636\par

-------------------------------------------------------------------------------
---------------------------------\par
 \par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 35: HPMS Urban Collector (M6 Arterial/Collector)
                                                \par
* File 2, Run 3, Scenario 11.
\par
* # # # # # # # # # # # # # # # # # # # # # # # #\par
  M583 Warning:\par
            The user supplied arterial average speed of 33.9\par
            will be used for all hours of the day.  100% of VMT\par
            has been assigned to the arterial/collector roadway\par
            type for all hours of the day and all vehicle types.\par
  M615 Comment:\par
              User supplied VMT mix.\par
  M 48 Warning:\par
             there are no sales for vehicle class HDGV8b  \par
  M 48 Warning:\par
             there are no sales for vehicle class LDDT12  \par
\par
                    Calendar Year:  2015\par
                            Month:  July\par
                         Altitude:  Low \par
              Minimum Temperature:  65.0 (F)\par
              Maximum Temperature:  86.3 (F)\par
                Absolute Humidity:   94. grains/lb\par
                 Nominal Fuel RVP:   9.0 psi\par
                    Weathered RVP:   8.7 psi\par
              Fuel Sulfur Content:   30. ppm\par
\par
             Exhaust I/M Program:  No  \par
                Evap I/M Program:  No  \par
                    ATP Program:  No  \par
              Reformulated Gas:  No\par
\par
       Vehicle Type:       LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV         MC   All Veh\par
             GVWR:                  <6000     >6000     (All)\par
                          ------    ------    ------    ------    ------    ------
------  ------  ------  ------\par
   VMT Distribution:    0.5019    0.3303    0.1126              0.0139    0.0005
0.0017    0.0335    0.0056    1.0000\par

-------------------------------------------------------------------------------
---------------------------------\par
 Composite Emission Factors (g/mi):\par
     Composite VOC :      0.699     0.670     0.954     0.743     0.524     0.144
0.279     0.274      2.10     0.709\par
     Composite NOX :      0.468     0.538     0.713     0.583     1.061     0.234
0.328     2.691      1.08     0.605\par
```

```
-----------------------------------------------------------------------------------------
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 \par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
* Scenario 36: HPMS Urban Local (M6 Local Road) - 12.9
                                                \par
* File 2, Run 3, Scenario 12.
\par
* # # # # # # # # # # # # # # # # # # # # # # # # #\par
\par
* Reading Hourly Roadway VMT distribution from the following external\par
* data file: FVMTLOCL.DEF\par
\par
  Reading User Supplied ROADWAY VMT Factors\par
  M615 Comment:\par
               User supplied VMT mix.\par
  M 48 Warning:\par
              there are no sales for vehicle class HDGV8b  \par
  M 48 Warning:\par
              there are no sales for vehicle class LDDT12  \par
\par
                    Calendar Year:  2015\par
                            Month:  July\par
                         Altitude:  Low \par
             Minimum Temperature:  65.0 (F)\par
             Maximum Temperature:  86.3 (F)\par
               Absolute Humidity:   94. grains/lb\par
                Nominal Fuel RVP:   9.0 psi\par
                    Weathered RVP:   8.7 psi\par
             Fuel Sulfur Content:   30. ppm\par
\par
             Exhaust I/M Program:  No  \par
                Evap I/M Program:  No  \par
                      ATP Program:  No  \par
                Reformulated Gas:  No\par
\par
      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV
 LDDT      HDDV        MC   All Veh\par
              GVWR:                <6000     >6000     (All)\par
                        ------    ------    ------    ------    ------    ------
------    ------    ------    ------\par
   VMT Distribution:    0.5094    0.3354    0.1144              0.0097    0.0005
0.0017    0.0263    0.0026    1.0000\par

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 Composite Emission Factors (g/mi):\par
     Composite VOC :      1.039     0.985     1.380     1.086     1.065     0.236
0.455     0.583      3.13     1.052\par
     Composite NOX :      0.484     0.540     0.707     0.583     0.911     0.313
0.440     3.808      0.87     0.621\par

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\par
}
```