Appendix B

Onroad Mobile Emissions Summaries

Including MOBILE6 Input and Output files
For 2002, 2008, 2011, and 2014; RVP 7.8

Beauregard Parish Sec. 110(a)(1) Maintenance Plan

2002 ACTUAL ON-ROAD MOBILE EMISSIONS INVENTORY
BEAUREGARD PARISH
PEAK OZONE SEASON, RVP 7.8

ROAD CLASS	SPEED (MPH)	VOC (G/MI)	NOx (G/MI)	VMT (MI/DAY)	VOC (TPD)	NOx (TPD)
01	63.0	1.209	4.834	0	0.00	0.00
02	58.5	1.285	2.597	182,276	0.26	0.52
06	49.5	1.335	2.123	151,563	0.22	0.35
07	45.0	1.382	1.791	332,272	0.51	0.66
08	36.0	1.470	1.818	43,138	0.07	0.09
09	27.0	2.316	1.821	198,374	0.51	0.40
11	58.5	1.292	2.516	0	0.00	0.00
12	58.5	1.312	2.072	0	0.00	0.00
14	49.5	1.363	1.653	172,710	0.26	0.31
16	45.0	1.405	1.472	77,290	0.12	0.13
17	36.0	1.489	1.409	19,727	0.03	0.03
19	27.0	2.319	1.328	14,936	0.04	0.02
				1,192,286	2.01	2.51

ROADWAY FUNCTIONAL CLASS CODE

01 - RURAL PRINCIPAL ARTERIAL, INTERSTATE
02 - RURAL PRINCIPAL ARTERIAL, OTHER
06 - RURAL MINOR ARTERIAL
07 - RURAL MAJOR COLLECTOR
08 - RURAL MINOR COLLECTOR
09 - RURAL LOCAL ROAD

11 - URBAN PRINCIPAL ARTERIAL, INTERSTATE
12 - URBAN PRINCIPAL ARTERIAL, FREEWAY
14 - URBAN PRINCIPAL ARTERIAL, OTHER
16 - URBAN MINOR ARTERIAL
17 - URBAN COLLECTOR
19 - URBAN LOCAL ROAD

LDEQ, OEA, 3/31/2006

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* Beauregard Parish; Ozone Season, 2002
******************  Header Section  *************************
MOBILE6 INPUT FILE :
POLLUTANTS         : HC NOX
RUN DATA
******************  Run Section  ****************************
>Year 2002 - Beauregard Parish Emission Factors
NO REFUELING       :
MIN/MAX TEMP       : 72.6 92.1
ABSOLUTE HUMIDITY  : 150.5
FUEL RVP           : 7.8
REG DIST           : LA_REGD.D
ANTI-TAMP PROG     : 00 80 95 22222 21111111 1 11 072. 22222222
******************  Scenario Section  ************************
SCENARIO REC       : Rural interstate, 63.0
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 63.0 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS      :
0.599  0.038  0.127  0.014  0.007  0.068  0.007  0.005
0.004  0.015  0.017  0.019  0.069  0.003  0.002  0.006
******************  Scenario Section  ************************
SCENARIO REC       : Rural principal arterial, 58.5
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.652  0.048  0.160  0.016  0.008  0.036  0.004  0.003
0.002  0.008  0.009  0.010  0.037  0.002  0.001  0.004
******************  Scenario Section  ************************
SCENARIO REC       : Rural minor arterial, 49.5
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.672  0.046  0.155  0.017  0.008  0.032  0.003  0.002
0.002  0.007  0.008  0.009  0.032  0.002  0.001  0.004
******************  Scenario Section  ************************
SCENARIO REC       : Rural major collector, 45.0
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.667  0.054  0.178  0.017  0.008  0.023  0.002  0.002
0.001  0.005  0.006  0.007  0.024  0.001  0.001  0.004
******************  Scenario Section  ************************
SCENARIO REC       : Rural minor collector, 36.0
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 36.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.639  0.056  0.186  0.009  0.004  0.027  0.003  0.002
0.002  0.006  0.007  0.008  0.027  0.001  0.001  0.022
******************  Scenario Section  ************************
SCENARIO REC       : Rural local, 27.0
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 7
ALTITUDE           : 1
VMT BY FACILITY    : localvmt.d
VMT FRACTIONS      :
0.654  0.057  0.189  0.003  0.002  0.024  0.002  0.002
0.001  0.005  0.006  0.007  0.025  0.001  0.001  0.021
******************  Scenario Section  ************************
SCENARIO REC       : Urban interstate, 58.5
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58.5 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS      :
0.720  0.037  0.122  0.019  0.009  0.030  0.003  0.002
0.002  0.006  0.008  0.008  0.030  0.001  0.001  0.002
******************  Scenario Section  ************************
SCENARIO REC       : Urban other expressway, 58.5
CALENDAR YEAR      : 2002
```

```
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 58.5 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS       :
0.764  0.034  0.112  0.018  0.008  0.020  0.002  0.002
0.001  0.004  0.005  0.006  0.021  0.001  0.000  0.002
*******************  Scenario Section  ************************
SCENARIO REC        : Urban principal arterial, 49.5
CALENDAR YEAR       : 2002
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 49.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.766  0.034  0.113  0.018  0.008  0.018  0.002  0.001
0.001  0.004  0.005  0.005  0.018  0.001  0.000  0.006
*******************  Scenario Section  ************************
SCENARIO REC        : Urban minor arterial, 45.0
CALENDAR YEAR       : 2002
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 45.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.773  0.040  0.131  0.009  0.004  0.013  0.001  0.001
0.001  0.003  0.003  0.004  0.014  0.001  0.000  0.002
*******************  Scenario Section  ************************
SCENARIO REC        : Urban collector, 36.0
CALENDAR YEAR       : 2002
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 36.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.772  0.037  0.125  0.007  0.003  0.013  0.001  0.001
0.001  0.003  0.003  0.004  0.013  0.001  0.000  0.016
*******************  Scenario Section  ************************
SCENARIO REC        : Urban local, 27.0
CALENDAR YEAR       : 2002
EVALUATION MONTH    : 7
ALTITUDE            : 1
VMT BY FACILITY     : localvmt.d
VMT FRACTIONS       :
0.797  0.037  0.122  0.003  0.001  0.008  0.001  0.001
0.000  0.002  0.002  0.002  0.009  0.000  0.000  0.015

END OF RUN
```

```
*************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                            *
* Input file: C:\MOBILE6\RUN\110A1\LIMITED\22011_02.IN (file 1, run 1).  *
*************************************************************************
*Year 2002 - Beauregard Parish Emission Factors
  M603 Comment:
               User has disabled the calculation of REFUELING emissions.


* Reading Registration Distributions from the following external
* data file: LA_REGD.D

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural interstate, 63.0
* File 1, Run 1, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M581 Warning:
            The user supplied freeway average speed of 63.0
            will be used for all hours of the day. 100% of VMT
            has been assigned to the freeway roadway type for
            all hours of the day and all vehicle types.
  M615 Comment:
               User supplied VMT mix.
  M 48 warning:
             there are no sales for vehicle class HDGV8b

                  Calendar Year:  2002
                          Month:  July
                       Altitude:  Low
             Minimum Temperature:  72.6 (F)
             Maximum Temperature:  92.1 (F)
               Absolute Humidity:  151. grains/lb
                Nominal Fuel RVP:   7.8 psi
                   Weathered RVP:   7.4 psi
             Fuel Sulfur Content:  279. ppm

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

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.5978	0.1648	0.0207		0.0633	0.0012	0.0005	0.1457	0.0060	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.345	1.384	0.868	1.327	1.175	0.663	1.121	0.441	3.03	1.209
Composite NOX :	1.091	1.179	1.170	1.178	5.993	2.576	2.896	24.517	1.35	4.834

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural principal arterial, 58.5
* File 1, Run 1, Scenario 2.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 58.5
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
```

```
              User supplied VMT mix.
  M 48 Warning:
             there are no sales for vehicle class HDGV8b

                   Calendar Year:  2002
                           Month:  July
                        Altitude:  Low
             Minimum Temperature:  72.6 (F)
             Maximum Temperature:  92.1 (F)
               Absolute Humidity:  151. grains/lb
                Nominal Fuel RVP:   7.8 psi
                   Weathered RVP:   7.4 psi
             Fuel Sulfur Content:  279. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
               GVWR:               <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
   VMT Distribution:    0.6507    0.2078    0.0236              0.0337    0.0013    0.0006    0.0783    0.0040    1.0000
  ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
     Composite VOC :      1.360     1.403     0.874     1.349     1.199     0.665     1.173     0.443      2.71     1.285
     Composite NOX :      1.079     1.160     1.151     1.159     5.834     2.176     2.505    18.150      1.26     2.597
  ---------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural minor arterial, 49.5
* File 1, Run 1, Scenario 3.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 49.5
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
             there are no sales for vehicle class HDGV8b

                   Calendar Year:  2002
                           Month:  July
                        Altitude:  Low
             Minimum Temperature:  72.6 (F)
             Maximum Temperature:  92.1 (F)
               Absolute Humidity:  151. grains/lb
                Nominal Fuel RVP:   7.8 psi
                   Weathered RVP:   7.4 psi
             Fuel Sulfur Content:  279. ppm

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

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

```
  VMT Distribution:    0.6707    0.2008    0.0246              0.0299    0.0013    0.0006    0.0681    0.0040    1.0000
 ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      1.402     1.451     0.891     1.389     1.273     0.685     1.163     0.475      2.47     1.335
    Composite NOX :      1.057     1.124     1.108     1.122     5.487     1.691     1.923    14.529      1.07     2.123
 ---------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural major collector, 45.0
* File 1, Run 1, Scenario 4.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
           The user supplied arterial average speed of 45.0
           will be used for all hours of the day.  100% of VMT
           has been assigned to the arterial/collector roadway
           type for all hours of the day and all vehicle types.
  M615 Comment:
            User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b

                 Calendar Year:  2002
                         Month:  July
                      Altitude:  Low
            Minimum Temperature:  72.6 (F)
            Maximum Temperature:  92.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.4 psi
            Fuel Sulfur Content:  279. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
             GVWR:               <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:    0.6657    0.2318    0.0246              0.0212    0.0013    0.0006    0.0508    0.0040    1.0000
 ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      1.429     1.477     0.902     1.422     1.329     0.705     1.265     0.507      2.48     1.382
    Composite NOX :      1.047     1.105     1.090     1.104     5.295     1.555     1.831    13.600      1.02     1.791
 ---------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural minor collector, 36.0
* File 1, Run 1, Scenario 5.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
           The user supplied arterial average speed of 36.0
           will be used for all hours of the day.  100% of VMT
           has been assigned to the arterial/collector roadway
           type for all hours of the day and all vehicle types.
  M615 Comment:
            User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b

                 Calendar Year:  2002
```

```
                    Month:  July
                 Altitude:  Low
Minimum Temperature:  72.6 (F)
Maximum Temperature:  92.1 (F)
  Absolute Humidity:  151. grains/lb
   Nominal Fuel RVP:   7.8 psi
      Weathered RVP:   7.4 psi
Fuel Sulfur Content:  279. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:               <6000     >6000     (All)
                      ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:    0.6378    0.2418    0.0128              0.0254    0.0012    0.0004    0.0586    0.0220    1.0000
 ---------------------------------------------------------------------------------------------------------------------
Composite Emission Factors (g/mi):
    Composite VOC :      1.494     1.535     0.927     1.504     1.557     0.771     1.761     0.596      2.62     1.470
    Composite NOX :      1.035     1.076     1.056     1.075     4.967     1.440     1.983    12.526      0.98     1.818
 ---------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural local, 27.0
* File 1, Run 1, Scenario 6.
* # # # # # # # # # # # # # # # # # # # # # # # # # #

* Reading Hourly Roadway VMT distribution from the following external
* data file: LOCALVMT.D

 Reading User Supplied ROADWAY VMT Factors
 M615 Comment:
            User supplied VMT mix.
 M 48 Warning:
            there are no sales for vehicle class HDGV8b

                 Calendar Year:  2002
                    Month:  July
                 Altitude:  Low
Minimum Temperature:  72.6 (F)
Maximum Temperature:  92.1 (F)
  Absolute Humidity:  151. grains/lb
   Nominal Fuel RVP:   7.8 psi
      Weathered RVP:   7.4 psi
Fuel Sulfur Content:  279. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:               <6000     >6000     (All)
                      ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:    0.6527    0.2458    0.0049              0.0220    0.0013    0.0003    0.0520    0.0210    1.0000
 ---------------------------------------------------------------------------------------------------------------------
Composite Emission Factors (g/mi):
    Composite VOC :      2.311     2.292     1.456     2.276     3.856     1.248     3.214     1.309      3.88     2.316
    Composite NOX :      1.088     1.054     1.064     1.054     4.061     1.918     3.063    14.161      0.80     1.821
```

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* # # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban interstate, 58.5
* File 1, Run 1, Scenario 7.
* # # # # # # # # # # # # # # # # # # # # # # # # # #
  M581 Warning:
            The user supplied freeway average speed of 58.5
            will be used for all hours of the day. 100% of VMT
            has been assigned to the freeway roadway type for
            all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b

                  Calendar Year:  2002
                          Month:  July
                       Altitude:  Low
            Minimum Temperature:  72.6 (F)
            Maximum Temperature:  92.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.4 psi
            Fuel Sulfur Content:  279. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:                <6000     >6000     (All)
                       ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:    0.7186    0.1588    0.0276              0.0278    0.0014    0.0006    0.0632    0.0020    1.0000
  ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      1.360     1.403     0.874     1.325     1.171     0.665     0.971     0.444      2.71     1.292
    Composite NOX :      1.079     1.160     1.147     1.158     5.810     2.176     2.285    21.465      1.26     2.516
  ---------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban other expressway, 58.5
* File 1, Run 1, Scenario 8.
* # # # # # # # # # # # # # # # # # # # # # # # # # #
  M581 Warning:
            The user supplied freeway average speed of 58.5
            will be used for all hours of the day. 100% of VMT
            has been assigned to the freeway roadway type for
            all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b

                  Calendar Year:  2002
                          Month:  July
                       Altitude:  Low
            Minimum Temperature:  72.6 (F)
            Maximum Temperature:  92.1 (F)
              Absolute Humidity:  151. grains/lb
```

```
              Nominal Fuel RVP:   7.8 psi
                 Weathered RVP:   7.4 psi
           Fuel Sulfur Content:  279. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
             GVWR:                <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:     0.7625    0.1459    0.0256              0.0185    0.0015    0.0005    0.0435    0.0020    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      1.360     1.403     0.873     1.324     1.193     0.665     0.966     0.443      2.71     1.312
    Composite NOX :      1.079     1.160     1.143     1.157     5.821     2.176     2.280    21.524      1.26     2.072
 ---------------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban principal arterial, 49.5
* File 1, Run 1, Scenario 9.
* # # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
           The user supplied arterial average speed of 49.5
           will be used for all hours of the day.  100% of VMT
           has been assigned to the arterial/collector roadway
           type for all hours of the day and all vehicle types.
  M615 Comment:
             User supplied VMT mix.
  M 48 Warning:
           there are no sales for vehicle class HDGV8b

                 Calendar Year:  2002
                         Month:  July
                      Altitude:  Low
           Minimum Temperature:  72.6 (F)
           Maximum Temperature:  92.1 (F)
             Absolute Humidity:  151. grains/lb
              Nominal Fuel RVP:   7.8 psi
                 Weathered RVP:   7.4 psi
           Fuel Sulfur Content:  279. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
             GVWR:                <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:     0.7645    0.1469    0.0256              0.0168    0.0015    0.0005    0.0382    0.0060    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      1.402     1.450     0.890     1.367     1.269     0.685     0.995     0.473      2.47     1.363
    Composite NOX :      1.057     1.123     1.105     1.120     5.487     1.691     1.778    14.386      1.07     1.653
 ---------------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban minor arterial, 45.0
* File 1, Run 1, Scenario 10.
```

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 45.0
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
               User supplied VMT mix.
  M 48 Warning:
              there are no sales for vehicle class HDGV8b

                    Calendar Year:  2002
                            Month:  July
                         Altitude:  Low
              Minimum Temperature:  72.6 (F)
              Maximum Temperature:  92.1 (F)
                Absolute Humidity:  151. grains/lb
                 Nominal Fuel RVP:   7.8 psi
                    Weathered RVP:   7.4 psi
              Fuel Sulfur Content:  279. ppm

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

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7715	0.1708	0.0128		0.0123	0.0015	0.0004	0.0287	0.0020	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.429	1.477	0.902	1.437	1.369	0.705	1.457	0.507	2.48	1.405
Composite NOX :	1.047	1.105	1.086	1.103	5.334	1.555	1.982	13.580	1.02	1.472

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban collector, 36.0
* File 1, Run 1, Scenario 11.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 36.0
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
               User supplied VMT mix.
  M 48 Warning:
              there are no sales for vehicle class HDGV8b

                    Calendar Year:  2002
                            Month:  July
                         Altitude:  Low
              Minimum Temperature:  72.6 (F)
              Maximum Temperature:  92.1 (F)
                Absolute Humidity:  151. grains/lb
                 Nominal Fuel RVP:   7.8 psi
                    Weathered RVP:   7.4 psi
              Fuel Sulfur Content:  279. ppm

              Exhaust I/M Program:  No
```

```
              Evap I/M Program:  No
                   ATP Program:  Yes
             Reformulated Gas:  No

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:                <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:     0.7705    0.1618    0.0099              0.0123    0.0015    0.0003    0.0277    0.0160    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      1.494     1.535     0.927     1.500     1.601     0.771     1.680     0.598      2.62     1.489
    Composite NOX :      1.035     1.077     1.054     1.075     4.992     1.440     1.926    12.548      0.98     1.409
 ---------------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban local, 27.0
* File 1, Run 1, Scenario 12.
* # # # # # # # # # # # # # # # # # # # # # # # # # #

* Reading Hourly Roadway VMT distribution from the following external
* data file: LOCALVMT.D

  Reading User Supplied ROADWAY VMT Factors
  M615 Comment:
             User supplied VMT mix.
  M 48 warning:
             there are no sales for vehicle class HDGV8b

                  Calendar Year:  2002
                          Month:  July
                       Altitude:  Low
             Minimum Temperature:  72.6 (F)
             Maximum Temperature:  92.1 (F)
               Absolute Humidity:  151. grains/lb
                Nominal Fuel RVP:   7.8 psi
                   Weathered RVP:   7.4 psi
             Fuel Sulfur Content:  279. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:                <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:     0.7955    0.1588    0.0039              0.0073    0.0015    0.0002    0.0177    0.0150    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      2.311     2.292     1.442     2.272     3.761     1.248     3.091     1.295      3.88     2.319
    Composite NOX :      1.088     1.054     1.017     1.053     4.040     1.918     2.978    13.877      0.80     1.328
 ---------------------------------------------------------------------------------------------------------------------------
```

2008 PROJECTED ON-ROAD MOBILE EMISSIONS INVENTORY
BEAUREGARD PARISH
PEAK OZONE SEASON, RVP 7.8

ROAD CLASS	SPEED (MPH)	VOC (G/MI)	NOx (G/MI)	VMT (MI/DAY)	VOC (TPD)	NOx (TPD)
01	63.0	0.687	2.707	0	0.00	0.00
02	58.5	0.728	1.511	210,034	0.17	0.35
06	49.5	0.764	1.218	174,644	0.15	0.23
07	45.0	0.794	1.023	382,873	0.34	0.43
08	36.0	0.872	1.043	49,707	0.05	0.06
09	27.0	1.356	1.101	198,374	0.30	0.24
11	58.5	0.728	1.396	0	0.00	0.00
12	58.5	0.738	1.149	0	0.00	0.00
14	49.5	0.780	0.942	201,355	0.17	0.21
16	45.0	0.804	0.835	80,782	0.07	0.07
17	36.0	0.876	0.804	19,727	0.02	0.02
19	27.0	1.349	0.782	14,936	0.02	0.01
				1,332,432	1.28	1.63

ROADWAY FUNCTIONAL CLASS CODE

01 - RURAL PRINCIPAL ARTERIAL, INTERSTATE
02 - RURAL PRINCIPAL ARTERIAL, OTHER
06 - RURAL MINOR ARTERIAL
07 - RURAL MAJOR COLLECTOR
08 - RURAL MINOR COLLECTOR
09 - RURAL LOCAL ROAD

11 - URBAN PRINCIPAL ARTERIAL, INTERSTATE
12 - URBAN PRINCIPAL ARTERIAL, FREEWAY
14 - URBAN PRINCIPAL ARTERIAL, OTHER
16 - URBAN MINOR ARTERIAL
17 - URBAN COLLECTOR
19 - URBAN LOCAL ROAD

LDEQ, OEA, 3/31/2006

```
* Beauregard Parish; Ozone Season, 2008
******************* Header Section *************************
MOBILE6 INPUT FILE :
POLLUTANTS         : HC NOX
RUN DATA
******************* Run Section ****************************
>Year 2008 - Beauregard Parish Emission Factors
NO REFUELING       :
MIN/MAX TEMP       : 72.6 92.1
ABSOLUTE HUMIDITY  : 150.5
FUEL RVP           : 7.8
REG DIST           : LA_REGD.D
ANTI-TAMP PROG     : 00 80 95 22222 21111111 1 11 072. 22222222
******************* Scenario Section ************************
SCENARIO REC       : Rural interstate, 63.0
CALENDAR YEAR      : 2008
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 63.0 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS      :
0.599  0.038  0.127  0.014  0.007  0.068  0.007  0.005
0.004  0.015  0.017  0.019  0.069  0.003  0.002  0.006
******************* Scenario Section ************************
SCENARIO REC       : Rural principal arterial, 58.5
CALENDAR YEAR      : 2008
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.652  0.048  0.160  0.016  0.008  0.036  0.004  0.003
0.002  0.008  0.009  0.010  0.037  0.002  0.001  0.004
******************* Scenario Section ************************
SCENARIO REC       : Rural minor arterial, 49.5
CALENDAR YEAR      : 2008
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.672  0.046  0.155  0.017  0.008  0.032  0.003  0.002
0.002  0.007  0.008  0.009  0.032  0.002  0.001  0.004
******************* Scenario Section ************************
SCENARIO REC       : Rural major collector, 45.0
CALENDAR YEAR      : 2008
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.667  0.054  0.178  0.017  0.008  0.023  0.002  0.002
0.001  0.005  0.006  0.007  0.024  0.001  0.001  0.004
******************* Scenario Section ************************
SCENARIO REC       : Rural minor collector, 36.0
CALENDAR YEAR      : 2008
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 36.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.639  0.056  0.186  0.009  0.004  0.027  0.003  0.002
0.002  0.006  0.007  0.008  0.027  0.001  0.001  0.022
******************* Scenario Section ************************
SCENARIO REC       : Rural local, 27.0
CALENDAR YEAR      : 2008
EVALUATION MONTH   : 7
ALTITUDE           : 1
VMT BY FACILITY    : localvmt.d
VMT FRACTIONS      :
0.654  0.057  0.189  0.003  0.002  0.024  0.002  0.002
0.001  0.005  0.006  0.007  0.025  0.001  0.001  0.021
******************* Scenario Section ************************
SCENARIO REC       : Urban interstate, 58.5
CALENDAR YEAR      : 2008
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58.5 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS      :
0.720  0.037  0.122  0.019  0.009  0.030  0.003  0.002
0.002  0.006  0.008  0.008  0.030  0.001  0.001  0.002
******************* Scenario Section ************************
SCENARIO REC       : Urban other expressway, 58.5
CALENDAR YEAR      : 2008
```

```
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 58.5 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS       :
0.764  0.034  0.112  0.018  0.008  0.020  0.002  0.002
0.001  0.004  0.005  0.006  0.021  0.001  0.000  0.002
*******************  Scenario Section  ************************
SCENARIO REC        : Urban principal arterial, 49.5
CALENDAR YEAR       : 2008
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 49.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.766  0.034  0.113  0.018  0.008  0.018  0.002  0.001
0.001  0.004  0.005  0.005  0.018  0.001  0.000  0.006
*******************  Scenario Section  ************************
SCENARIO REC        : Urban minor arterial, 45.0
CALENDAR YEAR       : 2008
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 45.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.773  0.040  0.131  0.009  0.004  0.013  0.001  0.001
0.001  0.003  0.003  0.004  0.014  0.001  0.000  0.002
*******************  Scenario Section  ************************
SCENARIO REC        : Urban collector, 36.0
CALENDAR YEAR       : 2008
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 36.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.772  0.037  0.125  0.007  0.003  0.013  0.001  0.001
0.001  0.003  0.003  0.004  0.013  0.001  0.000  0.016
*******************  Scenario Section  ************************
SCENARIO REC        : Urban local, 27.0
CALENDAR YEAR       : 2008
EVALUATION MONTH    : 7
ALTITUDE            : 1
VMT BY FACILITY     : localvmt.d
VMT FRACTIONS       :
0.797  0.037  0.122  0.003  0.001  0.008  0.001  0.001
0.000  0.002  0.002  0.002  0.009  0.000  0.000  0.015

END OF RUN
```

```
*************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                            *
* Input file: C:\MOBILE6\RUN\110A1\LIMITED\22011_08.IN (file 1, run 1).  *
*************************************************************************
*Year 2008 - Beauregard Parish Emission Factors
  M603 Comment:
              User has disabled the calculation of REFUELING emissions.


* Reading Registration Distributions from the following external
* data file: LA_REGD.D

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural interstate, 63.0
* File 1, Run 1, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M581 Warning:
            The user supplied freeway average speed of 63.0
            will be used for all hours of the day. 100% of VMT
            has been assigned to the freeway roadway type for
            all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
             there are no sales for vehicle class HDGV8b

                  Calendar Year:  2008
                          Month:  July
                       Altitude:  Low
             Minimum Temperature:  72.6 (F)
             Maximum Temperature:  92.1 (F)
               Absolute Humidity:  151. grains/lb
                Nominal Fuel RVP:   7.8 psi
                   Weathered RVP:   7.4 psi
             Fuel Sulfur Content:   30. ppm

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

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.5984	0.1650	0.0207		0.0622	0.0006	0.0003	0.1468	0.0060	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.746	0.784	0.467	0.749	0.676	0.311	0.315	0.284	2.97	0.687
Composite NOX :	0.607	0.728	0.709	0.726	3.532	1.299	1.033	13.490	1.35	2.707

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural principal arterial, 58.5
* File 1, Run 1, Scenario 2.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 58.5
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
```

```
              User supplied VMT mix.
  M 48 Warning:
              there are no sales for vehicle class HDGV8b

                    Calendar Year:  2008
                            Month:  July
                         Altitude:  Low
              Minimum Temperature:  72.6 (F)
              Maximum Temperature:  92.1 (F)
                Absolute Humidity:  151. grains/lb
                 Nominal Fuel RVP:   7.8 psi
                    Weathered RVP:   7.4 psi
              Fuel Sulfur Content:   30. ppm

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

       Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:                <6000     >6000     (All)
                         ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
   VMT Distribution:    0.6513    0.2080    0.0236              0.0331    0.0007    0.0004    0.0789    0.0040    1.0000
  ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
     Composite VOC :      0.759     0.797     0.474     0.764     0.689     0.312     0.326     0.286      2.66     0.728
     Composite NOX :      0.600     0.717     0.698     0.715     3.439     1.097     0.883    10.586      1.26     1.511
  ---------------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural minor arterial, 49.5
* File 1, Run 1, Scenario 3.
* # # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
             The user supplied arterial average speed of 49.5
             will be used for all hours of the day.  100% of VMT
             has been assigned to the arterial/collector roadway
             type for all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
              there are no sales for vehicle class HDGV8b

                    Calendar Year:  2008
                            Month:  July
                         Altitude:  Low
              Minimum Temperature:  72.6 (F)
              Maximum Temperature:  92.1 (F)
                Absolute Humidity:  151. grains/lb
                 Nominal Fuel RVP:   7.8 psi
                    Weathered RVP:   7.4 psi
              Fuel Sulfur Content:   30. ppm

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

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

```
  VMT Distribution:    0.6713    0.2010    0.0246              0.0293    0.0007    0.0004    0.0687    0.0040    1.0000
 ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
     Composite VOC :      0.793     0.830     0.493     0.794     0.733     0.322     0.330     0.307      2.41     0.764
     Composite NOX :      0.587     0.695     0.673     0.692     3.238     0.853     0.678     8.266      1.07     1.218
 ---------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural major collector, 45.0
* File 1, Run 1, Scenario 4.
* # # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 45.0
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b

                  Calendar Year:  2008
                          Month:  July
                       Altitude:  Low
            Minimum Temperature:  72.6 (F)
            Maximum Temperature:  92.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.4 psi
            Fuel Sulfur Content:   30. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:                <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:    0.6663    0.2320    0.0246              0.0208    0.0007    0.0004    0.0512    0.0040    1.0000
 ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
     Composite VOC :      0.814     0.849     0.504     0.816     0.762     0.332     0.355     0.325      2.43     0.794
     Composite NOX :      0.581     0.683     0.663     0.681     3.120     0.784     0.636     7.646      1.02     1.023
 ---------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural minor collector, 36.0
* File 1, Run 1, Scenario 5.
* # # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 36.0
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b

                  Calendar Year:  2008
```

```
                 Month:  July
              Altitude:  Low
   Minimum Temperature:  72.6 (F)
   Maximum Temperature:  92.1 (F)
     Absolute Humidity:  151. grains/lb
      Nominal Fuel RVP:   7.8 psi
         Weathered RVP:   7.4 psi
   Fuel Sulfur Content:   30. ppm

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

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6383	0.2420	0.0128		0.0250	0.0007	0.0002	0.0590	0.0220	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.861	0.887	0.528	0.869	0.875	0.363	0.497	0.383	2.56	0.872
Composite NOX :	0.574	0.666	0.644	0.665	2.928	0.726	0.675	6.974	0.98	1.043

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural local, 27.0
* File 1, Run 1, Scenario 6.
* # # # # # # # # # # # # # # # # # # # # # # # # #

* Reading Hourly Roadway VMT distribution from the following external
* data file: LOCALVMT.D

  Reading User Supplied ROADWAY VMT Factors
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
             there are no sales for vehicle class HDGV8b

         Calendar Year:  2008
                 Month:  July
              Altitude:  Low
   Minimum Temperature:  72.6 (F)
   Maximum Temperature:  92.1 (F)
     Absolute Humidity:  151. grains/lb
      Nominal Fuel RVP:   7.8 psi
         Weathered RVP:   7.4 psi
   Fuel Sulfur Content:   30. ppm

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

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6533	0.2460	0.0049		0.0216	0.0007	0.0001	0.0524	0.0210	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.320	1.309	0.831	1.300	1.973	0.592	1.153	0.840	3.83	1.356
Composite NOX :	0.617	0.670	0.676	0.670	2.393	0.967	1.195	8.802	0.80	1.101

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban interstate, 58.5
* File 1, Run 1, Scenario 7.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M581 Warning:
            The user supplied freeway average speed of 58.5
            will be used for all hours of the day. 100% of VMT
            has been assigned to the freeway roadway type for
            all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
             there are no sales for vehicle class HDGV8b

                  Calendar Year:  2008
                          Month:  July
                       Altitude:  Low
             Minimum Temperature:  72.6 (F)
             Maximum Temperature:  92.1 (F)
               Absolute Humidity:  151. grains/lb
                Nominal Fuel RVP:   7.8 psi
                   Weathered RVP:   7.4 psi
             Fuel Sulfur Content:   30. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:                <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:     0.7192    0.1590    0.0276              0.0274    0.0008    0.0004    0.0636    0.0020    1.0000
 ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      0.759     0.797     0.474     0.749     0.679     0.312     0.291     0.285      2.66     0.728
    Composite NOX :      0.600     0.716     0.695     0.713     3.423     1.097     0.840    11.538      1.26     1.396
 ---------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban other expressway, 58.5
* File 1, Run 1, Scenario 8.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M581 Warning:
            The user supplied freeway average speed of 58.5
            will be used for all hours of the day. 100% of VMT
            has been assigned to the freeway roadway type for
            all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
             there are no sales for vehicle class HDGV8b

                  Calendar Year:  2008
                          Month:  July
                       Altitude:  Low
             Minimum Temperature:  72.6 (F)
             Maximum Temperature:  92.1 (F)
               Absolute Humidity:  151. grains/lb
```

```
              Nominal Fuel RVP:   7.8 psi
                 Weathered RVP:   7.4 psi
           Fuel Sulfur Content:   30. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
             GVWR:                <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:     0.7632    0.1460    0.0256              0.0182    0.0008    0.0004    0.0438    0.0020    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      0.759     0.797     0.473     0.749     0.687     0.312     0.291     0.287      2.66     0.738
    Composite NOX :      0.600     0.716     0.692     0.712     3.430     1.097     0.839    11.484      1.26     1.149
 ---------------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban principal arterial, 49.5
* File 1, Run 1, Scenario 9.
* # # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
           The user supplied arterial average speed of 49.5
           will be used for all hours of the day.  100% of VMT
           has been assigned to the arterial/collector roadway
           type for all hours of the day and all vehicle types.
  M615 Comment:
            User supplied VMT mix.
  M 48 Warning:
           there are no sales for vehicle class HDGV8b

                Calendar Year:  2008
                        Month:  July
                     Altitude:  Low
           Minimum Temperature:  72.6 (F)
           Maximum Temperature:  92.1 (F)
             Absolute Humidity:  151. grains/lb
              Nominal Fuel RVP:   7.8 psi
                 Weathered RVP:   7.4 psi
           Fuel Sulfur Content:   30. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
             GVWR:                <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:     0.7652    0.1470    0.0256              0.0165    0.0008    0.0004    0.0385    0.0060    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      0.793     0.830     0.492     0.780     0.729     0.322     0.302     0.307      2.41     0.780
    Composite NOX :      0.587     0.694     0.670     0.691     3.234     0.853     0.650     8.142      1.07     0.942
 ---------------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban minor arterial, 45.0
* File 1, Run 1, Scenario 10.
```

```
* # # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 45.0
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
             User supplied VMT mix.
  M 48 Warning:
             there are no sales for vehicle class HDGV8b

                  Calendar Year:  2008
                          Month:  July
                       Altitude:  Low
             Minimum Temperature:  72.6 (F)
             Maximum Temperature:  92.1 (F)
               Absolute Humidity:  151. grains/lb
                Nominal Fuel RVP:   7.8 psi
                   Weathered RVP:   7.4 psi
             Fuel Sulfur Content:   30. ppm

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

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7722	0.1710	0.0128		0.0120	0.0008	0.0002	0.0290	0.0020	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.814	0.849	0.504	0.825	0.783	0.332	0.398	0.329	2.43	0.804
Composite NOX :	0.581	0.683	0.660	0.681	3.153	0.784	0.676	7.594	1.02	0.835

```
* # # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban collector, 36.0
* File 1, Run 1, Scenario 11.
* # # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 36.0
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
             User supplied VMT mix.
  M 48 Warning:
             there are no sales for vehicle class HDGV8b

                  Calendar Year:  2008
                          Month:  July
                       Altitude:  Low
             Minimum Temperature:  72.6 (F)
             Maximum Temperature:  92.1 (F)
               Absolute Humidity:  151. grains/lb
                Nominal Fuel RVP:   7.8 psi
                   Weathered RVP:   7.4 psi
             Fuel Sulfur Content:   30. ppm

             Exhaust I/M Program:  No
```

```
                Evap I/M Program:  No
                     ATP Program:  Yes
                Reformulated Gas:  No

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:               <6000     >6000     (All)
                       ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:    0.7712    0.1620    0.0099              0.0120    0.0008    0.0002    0.0280    0.0160    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      0.861     0.888     0.527     0.867     0.896     0.363     0.470     0.389      2.56     0.876
    Composite NOX :      0.574     0.667     0.643     0.665     2.951     0.726     0.654     6.963      0.98     0.804
 ---------------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban local, 27.0
* File 1, Run 1, Scenario 12.
* # # # # # # # # # # # # # # # # # # # # # # # # #

* Reading Hourly Roadway VMT distribution from the following external
* data file: LOCALVMT.D

  Reading User Supplied ROADWAY VMT Factors
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
             there are no sales for vehicle class HDGV8b

                   Calendar Year:  2008
                           Month:  July
                        Altitude:  Low
             Minimum Temperature:  72.6 (F)
             Maximum Temperature:  92.1 (F)
               Absolute Humidity:  151. grains/lb
                Nominal Fuel RVP:   7.8 psi
                   Weathered RVP:   7.4 psi
             Fuel Sulfur Content:   30. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:               <6000     >6000     (All)
                       ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:    0.7961    0.1590    0.0039              0.0072    0.0009    0.0001    0.0178    0.0150    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      1.320     1.309     0.822     1.297     1.924     0.592     1.052     0.834      3.83     1.349
    Composite NOX :      0.617     0.670     0.642     0.669     2.371     0.967     1.112     8.544      0.80     0.782
 ---------------------------------------------------------------------------------------------------------------------------
```

2011 PROJECTED ON-ROAD MOBILE EMISSIONS INVENTORY
BEAUREGARD PARISH
PEAK OZONE SEASON, RVP 7.8

ROAD CLASS	SPEED (MPH)	VOC (G/MI)	NOx (G/MI)	VMT (MI/DAY)	VOC (TPD)	NOx (TPD)
01	63.0	0.555	1.902	0	0.00	0.00
02	58.5	0.586	1.096	221,992	0.14	0.27
06	49.5	0.612	0.892	184,588	0.12	0.18
07	45.0	0.636	0.759	404,672	0.28	0.34
08	36.0	0.706	0.776	52,537	0.04	0.04
09	27.0	1.081	0.828	162,362	0.19	0.15
11	58.5	0.583	1.008	0	0.00	0.00
12	58.5	0.591	0.841	0	0.00	0.00
14	49.5	0.623	0.702	211,720	0.15	0.16
16	45.0	0.641	0.629	57,636	0.04	0.04
17	36.0	0.702	0.611	11,165	0.01	0.01
19	27.0	1.067	0.605	8,453	0.01	0.01
				1,315,126	0.99	1.20

ROADWAY FUNCTIONAL CLASS CODE

01 - RURAL PRINCIPAL ARTERIAL, INTERSTATE
02 - RURAL PRINCIPAL ARTERIAL, OTHER
06 - RURAL MINOR ARTERIAL
07 - RURAL MAJOR COLLECTOR
08 - RURAL MINOR COLLECTOR
09 - RURAL LOCAL ROAD

11 - URBAN PRINCIPAL ARTERIAL, INTERSTATE
12 - URBAN PRINCIPAL ARTERIAL, FREEWAY
14 - URBAN PRINCIPAL ARTERIAL, OTHER
16 - URBAN MINOR ARTERIAL
17 - URBAN COLLECTOR
19 - URBAN LOCAL ROAD

LDEQ, OEA, 3/31/2006

```
* Beauregard Parish; Ozone Season, 2011
*******************  Header Section  **************************
MOBILE6 INPUT FILE :
POLLUTANTS         : HC NOX
RUN DATA
*******************  Run Section  ****************************
>Year 2011 - Beauregard Parish Emission Factors, 7.8 RVP
NO REFUELING       :
MIN/MAX TEMP       : 72.6 92.1
ABSOLUTE HUMIDITY  : 150.5
FUEL RVP           : 7.8
REG DIST           : LA_REGD.D
ANTI-TAMP PROG     : 00 80 95 22222 21111111 1 11 072. 22222222
*******************  Scenario Section  ************************
SCENARIO REC       : Rural interstate, 63.0
CALENDAR YEAR      : 2011
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 63.0 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS      :
0.599  0.038  0.127  0.014  0.007  0.068  0.007  0.005
0.004  0.015  0.017  0.019  0.069  0.003  0.002  0.006
*******************  Scenario Section  ************************
SCENARIO REC       : Rural principal arterial, 58.5
CALENDAR YEAR      : 2011
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.652  0.048  0.160  0.016  0.008  0.036  0.004  0.003
0.002  0.008  0.009  0.010  0.037  0.002  0.001  0.004
*******************  Scenario Section  ************************
SCENARIO REC       : Rural minor arterial, 49.5
CALENDAR YEAR      : 2011
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.672  0.046  0.155  0.017  0.008  0.032  0.003  0.002
0.002  0.007  0.008  0.009  0.032  0.002  0.001  0.004
*******************  Scenario Section  ************************
SCENARIO REC       : Rural major collector, 45.0
CALENDAR YEAR      : 2011
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.667  0.054  0.178  0.017  0.008  0.023  0.002  0.002
0.001  0.005  0.006  0.007  0.024  0.001  0.001  0.004
*******************  Scenario Section  ************************
SCENARIO REC       : Rural minor collector, 36.0
CALENDAR YEAR      : 2011
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 36.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.639  0.056  0.186  0.009  0.004  0.027  0.003  0.002
0.002  0.006  0.007  0.008  0.027  0.001  0.001  0.022
*******************  Scenario Section  ************************
SCENARIO REC       : Rural local, 27.0
CALENDAR YEAR      : 2011
EVALUATION MONTH   : 7
ALTITUDE           : 1
VMT BY FACILITY    : localvmt.d
VMT FRACTIONS      :
0.654  0.057  0.189  0.003  0.002  0.024  0.002  0.002
0.001  0.005  0.006  0.007  0.025  0.001  0.001  0.021
*******************  Scenario Section  ************************
SCENARIO REC       : Urban interstate, 58.5
CALENDAR YEAR      : 2011
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58.5 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS      :
0.720  0.037  0.122  0.019  0.009  0.030  0.003  0.002
0.002  0.006  0.008  0.008  0.030  0.001  0.001  0.002
*******************  Scenario Section  ************************
SCENARIO REC       : Urban other expressway, 58.5
CALENDAR YEAR      : 2011
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58.5 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS      :
0.764  0.034  0.112  0.018  0.008  0.020  0.002  0.002
```

```
0.001  0.004  0.005  0.006  0.021  0.001  0.000  0.002
*******************  Scenario Section  ************************
SCENARIO REC        : Urban principal arterial, 49.5
CALENDAR YEAR       : 2011
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 49.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.766  0.034  0.113  0.018  0.008  0.018  0.002  0.001
0.001  0.004  0.005  0.005  0.018  0.001  0.000  0.006
*******************  Scenario Section  ************************
SCENARIO REC        : Urban minor arterial, 45.0
CALENDAR YEAR       : 2011
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 45.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.773  0.040  0.131  0.009  0.004  0.013  0.001  0.001
0.001  0.003  0.003  0.004  0.014  0.001  0.000  0.002
*******************  Scenario Section  ************************
SCENARIO REC        : Urban collector, 36.0
CALENDAR YEAR       : 2011
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 36.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.772  0.037  0.125  0.007  0.003  0.013  0.001  0.001
0.001  0.003  0.003  0.004  0.013  0.001  0.000  0.016
*******************  Scenario Section  ************************
SCENARIO REC        : Urban local, 27.0
CALENDAR YEAR       : 2011
EVALUATION MONTH    : 7
ALTITUDE            : 1
VMT BY FACILITY     : localvmt.d
VMT FRACTIONS       :
0.797  0.037  0.122  0.003  0.001  0.008  0.001  0.001
0.000  0.002  0.002  0.002  0.009  0.000  0.000  0.015

END OF RUN
```

```
*************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                            *
* Input file: C:\MOBILE6\RUN\110A1\LIMITED\78_RVP\2201 (file 1, run 1).  *
*************************************************************************
*Year 2011 - Beauregard Parish Emission Factors, 7.8 RVP
  M603 Comment:
              User has disabled the calculation of REFUELING emissions.


* Reading Registration Distributions from the following external
* data file: LA_REGD.D

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural interstate, 63.0
* File 1, Run 1, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M581 Warning:
            The user supplied freeway average speed of 63.0
            will be used for all hours of the day. 100% of VMT
            has been assigned to the freeway roadway type for
            all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
             there are no sales for vehicle class HDGV8b

                  Calendar Year:  2011
                          Month:  July
                       Altitude:  Low
             Minimum Temperature:  72.6 (F)
             Maximum Temperature:  92.1 (F)
               Absolute Humidity:  151. grains/lb
                Nominal Fuel RVP:   7.8 psi
                   Weathered RVP:   7.4 psi
             Fuel Sulfur Content:   30. ppm

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

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.5985	0.1650	0.0207		0.0622	0.0005	0.0003	0.1468	0.0060	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.590	0.661	0.374	0.629	0.531	0.139	0.158	0.236	2.93	0.555
Composite NOX :	0.470	0.588	0.520	0.580	2.400	0.561	0.543	9.225	1.35	1.902

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural principal arterial, 58.5
* File 1, Run 1, Scenario 2.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 58.5
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
             there are no sales for vehicle class HDGV8b
```

```
                Calendar Year:  2011
                        Month:  July
                     Altitude:  Low
     Minimum Temperature:  72.6 (F)
     Maximum Temperature:  92.1 (F)
       Absolute Humidity:  151. grains/lb
        Nominal Fuel RVP:   7.8 psi
            Weathered RVP:   7.4 psi
     Fuel Sulfur Content:   30. ppm

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

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6514	0.2080	0.0236		0.0330	0.0006	0.0004	0.0790	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.600	0.670	0.379	0.640	0.539	0.140	0.159	0.238	2.61	0.586
Composite NOX :	0.465	0.579	0.512	0.572	2.337	0.473	0.458	7.311	1.26	1.096

```
* # # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural minor arterial, 49.5
* File 1, Run 1, Scenario 3.
* # # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
           The user supplied arterial average speed of 49.5
           will be used for all hours of the day.  100% of VMT
           has been assigned to the arterial/collector roadway
           type for all hours of the day and all vehicle types.
  M615 Comment:
            User supplied VMT mix.
  M 48 Warning:
           there are no sales for vehicle class HDGV8b

                Calendar Year:  2011
                        Month:  July
                     Altitude:  Low
     Minimum Temperature:  72.6 (F)
     Maximum Temperature:  92.1 (F)
       Absolute Humidity:  151. grains/lb
        Nominal Fuel RVP:   7.8 psi
            Weathered RVP:   7.4 psi
     Fuel Sulfur Content:   30. ppm

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

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6714	0.2010	0.0246		0.0292	0.0006	0.0004	0.0688	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.625	0.694	0.392	0.661	0.570	0.145	0.166	0.255	2.37	0.612
Composite NOX :	0.456	0.562	0.493	0.554	2.202	0.367	0.353	5.706	1.07	0.892

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural major collector, 45.0
* File 1, Run 1, Scenario 4.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 45.0
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
             User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b

                  Calendar Year:  2011
                          Month:  July
                       Altitude:  Low
            Minimum Temperature:  72.6 (F)
            Maximum Temperature:  92.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.4 psi
            Fuel Sulfur Content:   30. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
             GVWR:                <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:     0.6664    0.2320    0.0246              0.0208    0.0006    0.0004    0.0512    0.0040    1.0000
  ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      0.640     0.707     0.400     0.678     0.592     0.150     0.173     0.270      2.38     0.636
    Composite NOX :      0.451     0.553     0.486     0.547     2.120     0.337     0.325     5.268      1.02     0.759
  ---------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural minor collector, 36.0
* File 1, Run 1, Scenario 5.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 36.0
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
             User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b

                  Calendar Year:  2011
                          Month:  July
                       Altitude:  Low
            Minimum Temperature:  72.6 (F)
            Maximum Temperature:  92.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.4 psi
            Fuel Sulfur Content:   30. ppm
```

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:               <6000     >6000     (All)
                       ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:    0.6384    0.2420    0.0128              0.0249    0.0006    0.0002    0.0591    0.0220    1.0000
 ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      0.676     0.736     0.417     0.720     0.665     0.166     0.200     0.318      2.52     0.706
    Composite NOX :      0.446     0.540     0.472     0.537     1.988     0.312     0.305     4.796      0.98     0.776
 ---------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # #
* Rural local, 27.0
* File 1, Run 1, Scenario 6.
* # # # # # # # # # # # # # # # # # # # # # # # #

* Reading Hourly Roadway VMT distribution from the following external
* data file: LOCALVMT.D

  Reading User Supplied ROADWAY VMT Factors
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b

                 Calendar Year:  2011
                         Month:  July
                      Altitude:  Low
            Minimum Temperature:  72.6 (F)
            Maximum Temperature:  92.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.4 psi
            Fuel Sulfur Content:   30. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:               <6000     >6000     (All)
                       ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:    0.6534    0.2460    0.0049              0.0216    0.0006    0.0001    0.0524    0.0210    1.0000
 ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      1.025     1.066     0.656     1.058     1.354     0.281     0.382     0.698      3.79     1.081
    Composite NOX :      0.486     0.548     0.496     0.547     1.626     0.417     0.431     6.130      0.80     0.828
 ---------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # #
* Urban interstate, 58.5
* File 1, Run 1, Scenario 7.
* # # # # # # # # # # # # # # # # # # # # # # # #
  M581 Warning:
          The user supplied freeway average speed of 58.5
          will be used for all hours of the day. 100% of VMT
          has been assigned to the freeway roadway type for
          all hours of the day and all vehicle types.
  M615 Comment:
```

```
              User supplied VMT mix.
 M 48 Warning:
             there are no sales for vehicle class HDGV8b

                   Calendar Year:  2011
                           Month:  July
                        Altitude:  Low
             Minimum Temperature:  72.6 (F)
             Maximum Temperature:  92.1 (F)
               Absolute Humidity:  151. grains/lb
                Nominal Fuel RVP:   7.8 psi
                   Weathered RVP:   7.4 psi
             Fuel Sulfur Content:   30. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:               <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:     0.7194    0.1590    0.0276              0.0273    0.0006    0.0004    0.0637    0.0020    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      0.600     0.670     0.379     0.627     0.536     0.140     0.158     0.237      2.61     0.583
    Composite NOX :      0.465     0.579     0.509     0.568     2.325     0.473     0.455     7.867      1.26     1.008
 ---------------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban other expressway, 58.5
* File 1, Run 1, Scenario 8.
* # # # # # # # # # # # # # # # # # # # # # # # # # # #
 M581 Warning:
            The user supplied freeway average speed of 58.5
            will be used for all hours of the day. 100% of VMT
            has been assigned to the freeway roadway type for
            all hours of the day and all vehicle types.
 M615 Comment:
              User supplied VMT mix.
 M 48 Warning:
             there are no sales for vehicle class HDGV8b

                   Calendar Year:  2011
                           Month:  July
                        Altitude:  Low
             Minimum Temperature:  72.6 (F)
             Maximum Temperature:  92.1 (F)
               Absolute Humidity:  151. grains/lb
                Nominal Fuel RVP:   7.8 psi
                   Weathered RVP:   7.4 psi
             Fuel Sulfur Content:   30. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:               <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:     0.7633    0.1460    0.0256              0.0181    0.0007    0.0004    0.0439    0.0020    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
```

```
   Composite VOC :      0.600     0.670     0.378     0.626     0.538     0.140     0.158     0.239      2.61     0.591
   Composite NOX :      0.465     0.579     0.507     0.568     2.330     0.473     0.455     7.817      1.26     0.841
 ---------------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban principal arterial, 49.5
* File 1, Run 1, Scenario 9.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
           The user supplied arterial average speed of 49.5
           will be used for all hours of the day.  100% of VMT
           has been assigned to the arterial/collector roadway
           type for all hours of the day and all vehicle types.
  M615 Comment:
             User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b

                 Calendar Year:  2011
                         Month:  July
                      Altitude:  Low
            Minimum Temperature:  72.6 (F)
            Maximum Temperature:  92.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                   Weathered RVP:   7.4 psi
            Fuel Sulfur Content:   30. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:               <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:     0.7653    0.1470    0.0256              0.0165    0.0007    0.0004    0.0385    0.0060    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
   Composite VOC :      0.625     0.694     0.391     0.649     0.568     0.145     0.164     0.255      2.37     0.623
   Composite NOX :      0.456     0.562     0.491     0.551     2.198     0.367     0.352     5.599      1.07     0.702
 ---------------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban minor arterial, 45.0
* File 1, Run 1, Scenario 10.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
           The user supplied arterial average speed of 45.0
           will be used for all hours of the day.  100% of VMT
           has been assigned to the arterial/collector roadway
           type for all hours of the day and all vehicle types.
  M615 Comment:
             User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b

                 Calendar Year:  2011
                         Month:  July
                      Altitude:  Low
            Minimum Temperature:  72.6 (F)
            Maximum Temperature:  92.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
```

```
              Weathered RVP:   7.4 psi
        Fuel Sulfur Content:   30. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:               <6000     >6000     (All)
                       ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:    0.7723    0.1710    0.0128              0.0119    0.0007    0.0002    0.0291    0.0020    1.0000
 ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      0.640     0.707     0.399     0.686     0.601     0.150     0.175     0.274      2.38     0.641
    Composite NOX :      0.451     0.553     0.484     0.548     2.145     0.337     0.327     5.231      1.02     0.629
 ---------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban collector, 36.0
* File 1, Run 1, Scenario 11.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
           The user supplied arterial average speed of 36.0
           will be used for all hours of the day.  100% of VMT
           has been assigned to the arterial/collector roadway
           type for all hours of the day and all vehicle types.
  M615 Comment:
            User supplied VMT mix.
  M 48 Warning:
           there are no sales for vehicle class HDGV8b

              Calendar Year:  2011
                      Month:  July
                   Altitude:  Low
        Minimum Temperature:  72.6 (F)
        Maximum Temperature:  92.1 (F)
          Absolute Humidity:  151. grains/lb
           Nominal Fuel RVP:   7.8 psi
              Weathered RVP:   7.4 psi
        Fuel Sulfur Content:   30. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:               <6000     >6000     (All)
                       ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:    0.7713    0.1620    0.0099              0.0119    0.0007    0.0001    0.0281    0.0160    1.0000
 ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      0.676     0.736     0.417     0.718     0.673     0.166     0.199     0.324      2.52     0.702
    Composite NOX :      0.446     0.540     0.471     0.536     2.007     0.312     0.304     4.794      0.98     0.611
 ---------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban local, 27.0
* File 1, Run 1, Scenario 12.
* # # # # # # # # # # # # # # # # # # # # # # # # #

* Reading Hourly Roadway VMT distribution from the following external
* data file: LOCALVMT.D
```

```
Reading User Supplied ROADWAY VMT Factors
M615 Comment:
             User supplied VMT mix.
M 48 Warning:
            there are no sales for vehicle class HDGV8b

                  Calendar Year:  2011
                          Month:  July
                       Altitude:  Low
            Minimum Temperature:  72.6 (F)
            Maximum Temperature:  92.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.4 psi
            Fuel Sulfur Content:   30. ppm

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

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7963	0.1590	0.0039		0.0072	0.0007	0.0001	0.0178	0.0150	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.025	1.066	0.648	1.056	1.339	0.281	0.374	0.692	3.79	1.067
Composite NOX :	0.486	0.548	0.470	0.546	1.608	0.417	0.424	5.902	0.80	0.605

2014 PROJECTED ON-ROAD MOBILE EMISSIONS INVENTORY
BEAUREGARD PARISH
PEAK OZONE SEASON, RVP 7.8

ROAD CLASS	SPEED (MPH)	VOC (G/MI)	NOx (G/MI)	VMT (MI/DAY)	VOC (TPD)	NOx (TPD)
01	63.0	0.445	1.272	0	0.00	0.00
02	58.5	0.467	0.765	233,850	0.12	0.20
06	49.5	0.485	0.636	194,448	0.10	0.14
07	45.0	0.504	0.552	426,288	0.24	0.26
08	36.0	0.569	0.567	55,343	0.03	0.03
09	27.0	0.870	0.608	163,016	0.16	0.11
11	58.5	0.463	0.708	0	0.00	0.00
12	58.5	0.468	0.603	0	0.00	0.00
14	49.5	0.494	0.515	219,916	0.12	0.12
16	45.0	0.505	0.469	58,794	0.03	0.03
17	36.0	0.560	0.460	11,220	0.01	0.01
19	27.0	0.852	0.465	8,495	0.01	0.00
				1,371,370	0.82	0.90

ROADWAY FUNCTIONAL CLASS CODE

01 - RURAL PRINCIPAL ARTERIAL, INTERSTATE
02 - RURAL PRINCIPAL ARTERIAL, OTHER
06 - RURAL MINOR ARTERIAL
07 - RURAL MAJOR COLLECTOR
08 - RURAL MINOR COLLECTOR
09 - RURAL LOCAL ROAD

11 - URBAN PRINCIPAL ARTERIAL, INTERSTATE
12 - URBAN PRINCIPAL ARTERIAL, FREEWAY
14 - URBAN PRINCIPAL ARTERIAL, OTHER
16 - URBAN MINOR ARTERIAL
17 - URBAN COLLECTOR
19 - URBAN LOCAL ROAD

LDEQ, OEA, 3/31/2006

```
* Beauregard Parish; Ozone Season, 2014
******************* Header Section *************************
MOBILE6 INPUT FILE :
POLLUTANTS         : HC NOX
RUN DATA
******************* Run Section ****************************
>Year 2014 - Beauregard Parish Emission Factors
NO REFUELING       :
MIN/MAX TEMP       : 72.6 92.1
ABSOLUTE HUMIDITY  : 150.5
FUEL RVP           : 7.8
REG DIST           : LA_REGD.D
ANTI-TAMP PROG     : 00 80 95 22222 21111111 1 11 072. 22222222
******************* Scenario Section ************************
SCENARIO REC       : Rural interstate, 63.0
CALENDAR YEAR      : 2014
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 63.0 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS      :
0.599  0.038  0.127  0.014  0.007  0.068  0.007  0.005
0.004  0.015  0.017  0.019  0.069  0.003  0.002  0.006
******************* Scenario Section ************************
SCENARIO REC       : Rural principal arterial, 58.5
CALENDAR YEAR      : 2014
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.652  0.048  0.160  0.016  0.008  0.036  0.004  0.003
0.002  0.008  0.009  0.010  0.037  0.002  0.001  0.004
******************* Scenario Section ************************
SCENARIO REC       : Rural minor arterial, 49.5
CALENDAR YEAR      : 2014
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.672  0.046  0.155  0.017  0.008  0.032  0.003  0.002
0.002  0.007  0.008  0.009  0.032  0.002  0.001  0.004
******************* Scenario Section ************************
SCENARIO REC       : Rural major collector, 45.0
CALENDAR YEAR      : 2014
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.667  0.054  0.178  0.017  0.008  0.023  0.002  0.002
0.001  0.005  0.006  0.007  0.024  0.001  0.001  0.004
******************* Scenario Section ************************
SCENARIO REC       : Rural minor collector, 36.0
CALENDAR YEAR      : 2014
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 36.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.639  0.056  0.186  0.009  0.004  0.027  0.003  0.002
0.002  0.006  0.007  0.008  0.027  0.001  0.001  0.022
******************* Scenario Section ************************
SCENARIO REC       : Rural local, 27.0
CALENDAR YEAR      : 2014
EVALUATION MONTH   : 7
ALTITUDE           : 1
VMT BY FACILITY    : localvmt.d
VMT FRACTIONS      :
0.654  0.057  0.189  0.003  0.002  0.024  0.002  0.002
0.001  0.005  0.006  0.007  0.025  0.001  0.001  0.021
******************* Scenario Section ************************
SCENARIO REC       : Urban interstate, 58.5
CALENDAR YEAR      : 2014
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58.5 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS      :
0.720  0.037  0.122  0.019  0.009  0.030  0.003  0.002
0.002  0.006  0.008  0.008  0.030  0.001  0.001  0.002
******************* Scenario Section ************************
SCENARIO REC       : Urban other expressway, 58.5
CALENDAR YEAR      : 2014
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58.5 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS      :
0.764  0.034  0.112  0.018  0.008  0.020  0.002  0.002
```

```
0.001  0.004  0.005  0.006  0.021  0.001  0.000  0.002
*******************  Scenario Section  ************************
SCENARIO REC        : Urban principal arterial, 49.5
CALENDAR YEAR       : 2014
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 49.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.766  0.034  0.113  0.018  0.008  0.018  0.002  0.001
0.001  0.004  0.005  0.005  0.018  0.001  0.000  0.006
*******************  Scenario Section  ************************
SCENARIO REC        : Urban minor arterial, 45.0
CALENDAR YEAR       : 2014
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 45.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.773  0.040  0.131  0.009  0.004  0.013  0.001  0.001
0.001  0.003  0.003  0.004  0.014  0.001  0.000  0.002
*******************  Scenario Section  ************************
SCENARIO REC        : Urban collector, 36.0
CALENDAR YEAR       : 2014
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 36.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.772  0.037  0.125  0.007  0.003  0.013  0.001  0.001
0.001  0.003  0.003  0.004  0.013  0.001  0.000  0.016
*******************  Scenario Section  ************************
SCENARIO REC        : Urban local, 27.0
CALENDAR YEAR       : 2014
EVALUATION MONTH    : 7
ALTITUDE            : 1
VMT BY FACILITY     : localvmt.d
VMT FRACTIONS       :
0.797  0.037  0.122  0.003  0.001  0.008  0.001  0.001
0.000  0.002  0.002  0.002  0.009  0.000  0.000  0.015

END OF RUN
```

```
*************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                            *
* Input file: C:\MOBILE6\RUN\110A1\LIMITED\22011_14.IN (file 1, run 1).  *
*************************************************************************
*Year 2014 - Beauregard Parish Emission Factors
  M603 Comment:
               User has disabled the calculation of REFUELING emissions.


* Reading Registration Distributions from the following external
* data file: LA_REGD.D

* # # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural interstate, 63.0
* File 1, Run 1, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # # #
  M581 Warning:
            The user supplied freeway average speed of 63.0
            will be used for all hours of the day. 100% of VMT
            has been assigned to the freeway roadway type for
            all hours of the day and all vehicle types.
  M615 Comment:
               User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b
  M 48 Warning:
            there are no sales for vehicle class LDDT12

                  Calendar Year:  2014
                          Month:  July
                       Altitude:  Low
            Minimum Temperature:  72.6 (F)
            Maximum Temperature:  92.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.4 psi
            Fuel Sulfur Content:   30. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:              <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:     0.5985    0.1650    0.0207              0.0620    0.0005    0.0003    0.1470    0.0060    1.0000
  -----------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      0.463     0.537     0.306     0.511     0.413     0.086     0.114     0.200      2.93     0.445
    Composite NOX :      0.365     0.477     0.405     0.469     1.520     0.297     0.357     5.874      1.35     1.272
  -----------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural principal arterial, 58.5
* File 1, Run 1, Scenario 2.
* # # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 58.5
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
               User supplied VMT mix.
```

```
M 48 Warning:
            there are no sales for vehicle class HDGV8b
M 48 Warning:
            there are no sales for vehicle class LDDT12

                  Calendar Year:  2014
                          Month:  July
                       Altitude:  Low
            Minimum Temperature:  72.6 (F)
            Maximum Temperature:  92.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.4 psi
            Fuel Sulfur Content:   30. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
             GVWR:                <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:     0.6514    0.2080    0.0236              0.0329    0.0006    0.0004    0.0791    0.0040    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      0.470     0.544     0.310     0.520     0.419     0.086     0.115     0.202      2.61     0.467
    Composite NOX :      0.362     0.470     0.398     0.463     1.478     0.250     0.301     4.664      1.26     0.765
 ---------------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural minor arterial, 49.5
* File 1, Run 1, Scenario 3.
* # # # # # # # # # # # # # # # # # # # # # # # # #
M583 Warning:
          The user supplied arterial average speed of 49.5
          will be used for all hours of the day.  100% of VMT
          has been assigned to the arterial/collector roadway
          type for all hours of the day and all vehicle types.
M615 Comment:
           User supplied VMT mix.
M 48 Warning:
            there are no sales for vehicle class HDGV8b
M 48 Warning:
            there are no sales for vehicle class LDDT12

                  Calendar Year:  2014
                          Month:  July
                       Altitude:  Low
            Minimum Temperature:  72.6 (F)
            Maximum Temperature:  92.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.4 psi
            Fuel Sulfur Content:   30. ppm

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

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

```
   VMT Distribution:    0.6714    0.2010    0.0246              0.0291    0.0006    0.0004    0.0689    0.0040    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
     Composite VOC :      0.488     0.560     0.319     0.534     0.442     0.090     0.119     0.217      2.37     0.485
     Composite NOX :      0.355     0.456     0.384     0.448     1.392     0.194     0.233     3.647      1.07     0.636
 ---------------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural major collector, 45.0
* File 1, Run 1, Scenario 4.
* # # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 45.0
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b
  M 48 Warning:
            there are no sales for vehicle class LDDT12

                  Calendar Year:  2014
                          Month:  July
                       Altitude:  Low
            Minimum Temperature:  72.6 (F)
            Maximum Temperature:  92.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.4 psi
            Fuel Sulfur Content:   30. ppm

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

       Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:               <6000     >6000     (All)
                         ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
   VMT Distribution:    0.6664    0.2320    0.0246              0.0207    0.0006    0.0004    0.0513    0.0040    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
     Composite VOC :      0.500     0.570     0.326     0.547     0.459     0.093     0.124     0.229      2.38     0.504
     Composite NOX :      0.352     0.449     0.378     0.442     1.342     0.178     0.213     3.360      1.02     0.552
 ---------------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural minor collector, 36.0
* File 1, Run 1, Scenario 5.
* # # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 36.0
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b
  M 48 Warning:
            there are no sales for vehicle class LDDT12
```

```
                Calendar Year:  2014
                        Month:  July
                     Altitude:  Low
          Minimum Temperature:  72.6 (F)
          Maximum Temperature:  92.1 (F)
            Absolute Humidity:  151. grains/lb
             Nominal Fuel RVP:   7.8 psi
                Weathered RVP:   7.4 psi
          Fuel Sulfur Content:   30. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:               <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:     0.6384    0.2420    0.0128              0.0249    0.0006    0.0002    0.0591    0.0220    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      0.527     0.592     0.340     0.579     0.517     0.103     0.140     0.270      2.52     0.569
    Composite NOX :      0.348     0.439     0.367     0.435     1.260     0.165     0.197     3.056      0.98     0.567
 ---------------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural local, 27.0
* File 1, Run 1, Scenario 6.
* # # # # # # # # # # # # # # # # # # # # # # # # # #

* Reading Hourly Roadway VMT distribution from the following external
* data file: LOCALVMT.D

  Reading User Supplied ROADWAY VMT Factors
  M615 Comment:
             User supplied VMT mix.
  M 48 Warning:
          there are no sales for vehicle class HDGV8b
  M 48 Warning:
          there are no sales for vehicle class LDDT12

                Calendar Year:  2014
                        Month:  July
                     Altitude:  Low
          Minimum Temperature:  72.6 (F)
          Maximum Temperature:  92.1 (F)
            Absolute Humidity:  151. grains/lb
             Nominal Fuel RVP:   7.8 psi
                Weathered RVP:   7.4 psi
          Fuel Sulfur Content:   30. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:               <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:     0.6534    0.2460    0.0049              0.0215    0.0006    0.0001    0.0525    0.0210    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      0.802     0.854     0.537     0.847     1.050     0.177     0.252     0.593      3.79     0.870
    Composite NOX :      0.385     0.449     0.384     0.447     1.030     0.220     0.264     3.902      0.80     0.608
```

```
* # # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban interstate, 58.5
* File 1, Run 1, Scenario 7.
* # # # # # # # # # # # # # # # # # # # # # # # # # #
  M581 Warning:
            The user supplied freeway average speed of 58.5
            will be used for all hours of the day. 100% of VMT
            has been assigned to the freeway roadway type for
            all hours of the day and all vehicle types.
  M615 Comment:
             User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b
  M 48 Warning:
            there are no sales for vehicle class LDDT12

                  Calendar Year:  2014
                          Month:  July
                       Altitude:  Low
            Minimum Temperature:  72.6 (F)
            Maximum Temperature:  92.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.4 psi
            Fuel Sulfur Content:   30. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
             GVWR:                <6000     >6000     (All)
                       ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:    0.7194    0.1590    0.0276              0.0273    0.0006    0.0004    0.0637    0.0020    1.0000
 ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      0.470     0.543     0.310     0.509     0.417     0.086     0.115     0.201      2.61     0.463
    Composite NOX :      0.362     0.470     0.397     0.459     1.474     0.250     0.301     5.006      1.26     0.708
 ---------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban other expressway, 58.5
* File 1, Run 1, Scenario 8.
* # # # # # # # # # # # # # # # # # # # # # # # # # #
  M581 Warning:
            The user supplied freeway average speed of 58.5
            will be used for all hours of the day. 100% of VMT
            has been assigned to the freeway roadway type for
            all hours of the day and all vehicle types.
  M615 Comment:
             User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b
  M 48 Warning:
            there are no sales for vehicle class LDDT12

                  Calendar Year:  2014
                          Month:  July
                       Altitude:  Low
            Minimum Temperature:  72.6 (F)
            Maximum Temperature:  92.1 (F)
```

```
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.4 psi
            Fuel Sulfur Content:   30. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:               <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:     0.7633    0.1460    0.0256              0.0181    0.0007    0.0004    0.0439    0.0020    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      0.470     0.543     0.309     0.509     0.417     0.086     0.115     0.203      2.61     0.468
    Composite NOX :      0.362     0.470     0.395     0.458     1.474     0.250     0.301     4.973      1.26     0.603
 ---------------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban principal arterial, 49.5
* File 1, Run 1, Scenario 9.
* # # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
           The user supplied arterial average speed of 49.5
           will be used for all hours of the day.  100% of VMT
           has been assigned to the arterial/collector roadway
           type for all hours of the day and all vehicle types.
  M615 Comment:
            User supplied VMT mix.
  M 48 Warning:
           there are no sales for vehicle class HDGV8b
  M 48 Warning:
           there are no sales for vehicle class LDDT12

                 Calendar Year:  2014
                         Month:  July
                      Altitude:  Low
            Minimum Temperature:  72.6 (F)
            Maximum Temperature:  92.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.4 psi
            Fuel Sulfur Content:   30. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:               <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:     0.7653    0.1470    0.0256              0.0165    0.0007    0.0004    0.0385    0.0060    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      0.488     0.560     0.319     0.525     0.441     0.090     0.119     0.216      2.37     0.494
    Composite NOX :      0.355     0.456     0.382     0.445     1.391     0.194     0.233     3.565      1.07     0.515
 ---------------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban minor arterial, 45.0
* File 1, Run 1, Scenario 10.
```

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 45.0
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
             User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b
  M 48 Warning:
            there are no sales for vehicle class LDDT12

                  Calendar Year:  2014
                          Month:  July
                       Altitude:  Low
            Minimum Temperature:  72.6 (F)
            Maximum Temperature:  92.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.4 psi
            Fuel Sulfur Content:   30. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:               <6000     >6000     (All)
                       ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:    0.7723    0.1710    0.0128              0.0119    0.0007    0.0002    0.0291    0.0020    1.0000
 ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      0.500     0.570     0.325     0.553     0.465     0.093     0.124     0.233      2.38     0.505
    Composite NOX :      0.352     0.449     0.376     0.444     1.354     0.178     0.213     3.344      1.02     0.469
 ---------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban collector, 36.0
* File 1, Run 1, Scenario 11.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 36.0
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
             User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b
  M 48 Warning:
            there are no sales for vehicle class LDDT12

                  Calendar Year:  2014
                          Month:  July
                       Altitude:  Low
            Minimum Temperature:  72.6 (F)
            Maximum Temperature:  92.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.4 psi
            Fuel Sulfur Content:   30. ppm
```

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
               GVWR:               <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:     0.7713    0.1620    0.0099              0.0119    0.0007    0.0001    0.0281    0.0160    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      0.527     0.592     0.339     0.577     0.521     0.103     0.140     0.275      2.52     0.560
    Composite NOX :      0.348     0.439     0.366     0.435     1.268     0.165     0.197     3.066      0.98     0.460
 ---------------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # #
* Urban local, 27.0
* File 1, Run 1, Scenario 12.
* # # # # # # # # # # # # # # # # # # # # # # # #

* Reading Hourly Roadway VMT distribution from the following external
* data file: LOCALVMT.D

  Reading User Supplied ROADWAY VMT Factors
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b
  M 48 Warning:
            there are no sales for vehicle class LDDT12

                  Calendar Year:  2014
                          Month:  July
                       Altitude:  Low
            Minimum Temperature:  72.6 (F)
            Maximum Temperature:  92.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.4 psi
            Fuel Sulfur Content:   30. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
               GVWR:               <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:     0.7963    0.1590    0.0039              0.0072    0.0007    0.0001    0.0178    0.0150    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      0.802     0.853     0.531     0.846     1.040     0.177     0.252     0.586      3.79     0.852
    Composite NOX :      0.385     0.448     0.364     0.446     1.021     0.220     0.264     3.719      0.80     0.465
 ---------------------------------------------------------------------------------------------------------------------------
```