2008 PROJECTED ON-ROAD MOBILE EMISSIONS INVENTORY
GRANT PARISH
PEAK OZONE SEASON, RVP 9.0

ROAD CLASS	SPEED (MPH)	VOC (G/MI)	NOx (G/MI)	VMT (MI/DAY)	VOC (TPD)	NOx (TPD)
01	63.0	0.750	2.709	0	0.00	0.00
02	58.5	0.797	1.516	313,428	0.28	0.52
06	49.5	0.841	1.223	84,942	0.08	0.11
07	45.0	0.878	1.029	190,676	0.18	0.22
08	36.0	0.975	1.048	43,958	0.05	0.05
09	27.0	1.581	1.107	178,052	0.31	0.22
11	58.5	0.797	1.401	0	0.00	0.00
12	58.5	0.809	1.155	0	0.00	0.00
14	49.5	0.861	0.948	0	0.00	0.00
16	45.0	0.890	0.841	0	0.00	0.00
17	36.0	0.980	0.810	0	0.00	0.00
19	27.0	1.586	0.789	0	0.00	0.00
				811,056	0.90	1.12

ROADWAY FUNCTIONAL CLASS (FC) 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, 10/24/2005

```
* Grant Parish; Ozone Season, 2008
******************  Header Section  ***************************
MOBILE6 INPUT FILE :
POLLUTANTS         : HC NOX
RUN DATA
******************  Run Section  ******************************
>Year 2008 - Grant Parish Emission Factors, 9.0 RVP
NO REFUELING       :
MIN/MAX TEMP       : 72.3 92.5
ABSOLUTE HUMIDITY  : 150.5
FUEL RVP           : 9.0
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\90_RVP\2204 (file 1, run 1).      *
*****************************************************************************
*Year 2008 - Grant 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:  72.3 (F)
                Maximum Temperature:  92.5 (F)
                  Absolute Humidity:  151. grains/lb
                   Nominal Fuel RVP:   9.0 psi
                      Weathered RVP:   8.5 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:    0.5984    0.1650     0.0207                0.0622    0.0006    0.0003    0.1468    0.0060    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
Composite Emission Factors (g/mi):
    Composite VOC :      0.816     0.854      0.499     0.814     0.776     0.311     0.315     0.284      3.43     0.750
    Composite NOX :      0.614     0.736      0.717     0.734     3.467     1.299     1.033    13.490      1.35     2.709
 ---------------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # #
* 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: 72.3 (F)
Maximum Temperature: 92.5 (F)
Absolute Humidity: 151. grains/lb
Nominal Fuel RVP: 9.0 psi
Weathered RVP: 8.5 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:	0.6513	0.2080	0.0236		0.0331	0.0007	0.0004	0.0789	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.832	0.869	0.508	0.832	0.794	0.312	0.326	0.286	3.12	0.797
Composite NOX :	0.607	0.725	0.706	0.723	3.376	1.097	0.883	10.586	1.25	1.516

* #
* 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: 72.3 (F)
Maximum Temperature: 92.5 (F)
Absolute Humidity: 151. grains/lb
Nominal Fuel RVP: 9.0 psi
Weathered RVP: 8.5 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:	0.6713	0.2010	0.0246		0.0293	0.0007	0.0004	0.0687	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.875	0.910	0.531	0.868	0.848	0.322	0.330	0.307	2.87	0.841
Composite NOX :	0.594	0.702	0.681	0.700	3.179	0.853	0.678	8.266	1.06	1.223

```
* # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
                Maximum Temperature:  92.5 (F)
                  Absolute Humidity:  151. grains/lb
                   Nominal Fuel RVP:   9.0 psi
                      Weathered RVP:   8.5 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:	0.6663	0.2320	0.0246		0.0208	0.0007	0.0004	0.0512	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.903	0.932	0.544	0.895	0.884	0.332	0.355	0.325	2.89	0.878
Composite NOX :	0.588	0.691	0.671	0.689	3.063	0.784	0.636	7.646	1.01	1.029

```
* # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
              Maximum Temperature:  92.5 (F)
                Absolute Humidity:  151. grains/lb
                 Nominal Fuel RVP:   9.0 psi
                    Weathered RVP:   8.5 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 :	0.965	0.979	0.571	0.958	1.015	0.363	0.497	0.383	3.02	0.975
Composite NOX :	0.581	0.673	0.652	0.672	2.874	0.726	0.675	6.974	0.98	1.048

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
              Maximum Temperature:  92.5 (F)
                Absolute Humidity:  151. grains/lb
                 Nominal Fuel RVP:   9.0 psi
```

```
                Weathered RVP:   8.5 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 :	1.568	1.498	0.936	1.487	2.279	0.592	1.153	0.840	4.29	1.581
Composite NOX :	0.624	0.677	0.684	0.677	2.349	0.967	1.195	8.802	0.79	1.107

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
               Maximum Temperature:  92.5 (F)
                 Absolute Humidity:  151. grains/lb
                  Nominal Fuel RVP:   9.0 psi
                     Weathered RVP:   8.5 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:	0.7192	0.1590	0.0276		0.0274	0.0008	0.0004	0.0636	0.0020	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.832	0.869	0.508	0.816	0.782	0.312	0.291	0.285	3.12	0.797
Composite NOX :	0.607	0.724	0.703	0.721	3.360	1.097	0.840	11.538	1.25	1.401

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
            Maximum Temperature:  92.5 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   9.0 psi
                  Weathered RVP:   8.5 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:	0.7632	0.1460	0.0256		0.0182	0.0008	0.0004	0.0438	0.0020	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.832	0.869	0.507	0.815	0.790	0.312	0.291	0.287	3.12	0.809
Composite NOX :	0.607	0.724	0.700	0.721	3.367	1.097	0.839	11.484	1.25	1.155

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
```

```
            Maximum Temperature:  92.5 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   9.0 psi
                  Weathered RVP:   8.5 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:	0.7652	0.1470	0.0256		0.0165	0.0008	0.0004	0.0385	0.0060	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.875	0.910	0.530	0.853	0.843	0.322	0.302	0.307	2.87	0.861
Composite NOX :	0.594	0.702	0.679	0.698	3.175	0.853	0.650	8.142	1.06	0.948

```
* # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
            Maximum Temperature:  92.5 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   9.0 psi
                  Weathered RVP:   8.5 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 :	0.903	0.932	0.543	0.905	0.908	0.332	0.398	0.329	2.89	0.890

Composite NOX :	0.588	0.691	0.669	0.689	3.095	0.784	0.676	7.594	1.01	0.841

```
* # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
                  Maximum Temperature:  92.5 (F)
                    Absolute Humidity:  151. grains/lb
                     Nominal Fuel RVP:   9.0 psi
                        Weathered RVP:   8.5 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:	0.7712	0.1620	0.0099		0.0120	0.0008	0.0002	0.0280	0.0160	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.965	0.979	0.571	0.955	1.039	0.363	0.470	0.389	3.02	0.980
Composite NOX :	0.581	0.674	0.650	0.673	2.897	0.726	0.654	6.963	0.98	0.810

```
* # # # # # # # # # # # # # # # # # # # # # # #
* 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:	72.3 (F)
Maximum Temperature:	92.5 (F)
Absolute Humidity:	151. grains/lb
Nominal Fuel RVP:	9.0 psi
Weathered RVP:	8.5 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:	0.7961	0.1590	0.0039		0.0072	0.0009	0.0001	0.0178	0.0150	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.568	1.498	0.927	1.484	2.225	0.592	1.052	0.834	4.29	1.586
Composite NOX :	0.624	0.677	0.649	0.676	2.327	0.967	1.112	8.544	0.79	0.789

```
* Grant Parish; Ozone Season, 2011
********************  Header Section  ***************************
MOBILE6 INPUT FILE :
POLLUTANTS         : HC NOX
RUN DATA
********************  Run Section  ******************************
>Year 2011 - Grant Parish Emission Factors, 9.0 RVP
NO REFUELING       :
MIN/MAX TEMP       : 72.3 92.5
ABSOLUTE HUMIDITY  : 150.5
FUEL RVP           : 9.0
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\GRANT\90_RV (file 1, run 1).    *
*****************************************************************************
*Year 2011 - Grant Parish Emission Factors, 9.0 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:  72.3 (F)
             Maximum Temperature:  92.5 (F)
               Absolute Humidity:  151. grains/lb
                Nominal Fuel RVP:   9.0 psi
                   Weathered RVP:   8.5 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              0.0622    0.0005    0.0003    0.1468    0.0060    1.0000
  ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
     Composite VOC :      0.642     0.714     0.398     0.679     0.609     0.139     0.158     0.236      3.39     0.604
     Composite NOX :      0.476     0.595     0.526     0.587     2.354     0.561     0.543     9.225      1.35     1.903
  ---------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
            Maximum Temperature:  92.5 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   9.0 psi
                  Weathered RVP:   8.5 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 :	0.654	0.726	0.404	0.693	0.620	0.140	0.159	0.238	3.08	0.638
Composite NOX :	0.471	0.586	0.518	0.579	2.292	0.473	0.458	7.311	1.25	1.099

```
* # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
            Maximum Temperature:  92.5 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   9.0 psi
                  Weathered RVP:   8.5 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 :	0.685	0.755	0.419	0.718	0.658	0.145	0.166	0.255	2.83	0.670
Composite NOX :	0.461	0.569	0.500	0.561	2.159	0.367	0.353	5.706	1.06	0.896

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
              Maximum Temperature:  92.5 (F)
                Absolute Humidity:  151. grains/lb
                 Nominal Fuel RVP:   9.0 psi
                    Weathered RVP:   8.5 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 :	0.706	0.771	0.429	0.738	0.685	0.150	0.173	0.270	2.85	0.699
Composite NOX :	0.457	0.560	0.492	0.553	2.079	0.337	0.325	5.268	1.01	0.764

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
Maximum Temperature:  92.5 (F)
  Absolute Humidity:  151. grains/lb
   Nominal Fuel RVP:   9.0 psi
      Weathered RVP:   8.5 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:	0.6384	0.2420	0.0128		0.0249	0.0006	0.0002	0.0591	0.0220	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.752	0.805	0.449	0.788	0.773	0.166	0.200	0.318	2.99	0.785
Composite NOX :	0.451	0.546	0.478	0.543	1.950	0.312	0.305	4.796	0.98	0.780

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
              Maximum Temperature:  92.5 (F)
                Absolute Humidity:  151. grains/lb
                 Nominal Fuel RVP:   9.0 psi
                    Weathered RVP:   8.5 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:	0.6534	0.2460	0.0049		0.0216	0.0006	0.0001	0.0524	0.0210	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.213	1.210	0.736	1.201	1.593	0.281	0.382	0.698	4.25	1.254
Composite NOX :	0.492	0.554	0.502	0.553	1.595	0.417	0.431	6.130	0.79	0.833

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
                Maximum Temperature:  92.5 (F)
                  Absolute Humidity:  151. grains/lb
                   Nominal Fuel RVP:   9.0 psi
                      Weathered RVP:   8.5 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:	0.7194	0.1590	0.0276		0.0273	0.0006	0.0004	0.0637	0.0020	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.654	0.726	0.404	0.678	0.616	0.140	0.158	0.237	3.08	0.635
Composite NOX :	0.471	0.585	0.516	0.575	2.280	0.473	0.455	7.867	1.25	1.012

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
                Maximum Temperature:  92.5 (F)
                  Absolute Humidity:  151. grains/lb
```

```
                Nominal Fuel RVP:   9.0 psi
                   Weathered RVP:   8.5 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:	0.7633	0.1460	0.0256		0.0181	0.0007	0.0004	0.0439	0.0020	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.654	0.726	0.403	0.677	0.618	0.140	0.158	0.239	3.08	0.644
Composite NOX :	0.471	0.585	0.513	0.575	2.285	0.473	0.455	7.817	1.25	0.845

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
               Maximum Temperature:  92.5 (F)
                 Absolute Humidity:  151. grains/lb
                   Nominal Fuel RVP:   9.0 psi
                      Weathered RVP:   8.5 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:	0.7653	0.1470	0.0256		0.0165	0.0007	0.0004	0.0385	0.0060	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.685	0.755	0.419	0.705	0.656	0.145	0.164	0.255	2.83	0.684
Composite NOX :	0.461	0.568	0.497	0.558	2.156	0.367	0.352	5.599	1.06	0.707

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
              Maximum Temperature:  92.5 (F)
                Absolute Humidity:  151. grains/lb
                 Nominal Fuel RVP:   9.0 psi
                    Weathered RVP:   8.5 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:	0.7723	0.1710	0.0128		0.0119	0.0007	0.0002	0.0291	0.0020	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.706	0.771	0.428	0.747	0.697	0.150	0.175	0.274	2.85	0.704
Composite NOX :	0.457	0.560	0.490	0.555	2.104	0.337	0.327	5.231	1.01	0.634

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
              Maximum Temperature:  92.5 (F)
                Absolute Humidity:  151. grains/lb
                 Nominal Fuel RVP:   9.0 psi
                    Weathered RVP:   8.5 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 :      0.752      0.806      0.449      0.785      0.782      0.166      0.199      0.324       2.99      0.782
    Composite NOX :      0.451      0.547      0.477      0.543      1.969      0.312      0.304      4.794       0.98      0.615
 ---------------------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
                Maximum Temperature:  92.5 (F)
                  Absolute Humidity:  151. grains/lb
                   Nominal Fuel RVP:  9.0 psi
                      Weathered RVP:  8.5 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 :      1.213      1.210      0.728      1.199      1.575      0.281      0.374      0.692       4.25      1.249
    Composite NOX :      0.492      0.554      0.476      0.552      1.577      0.417      0.424      5.902       0.79      0.610
 ---------------------------------------------------------------------------------------------------------------------------------
```

2014 PROJECTED ON-ROAD MOBILE EMISSIONS INVENTORY
GRANT PARISH
PEAK OZONE SEASON, RVP 9.0

ROAD CLASS	SPEED (MPH)	VOC (G/MI)	NOx (G/MI)	VMT (MI/DAY)	VOC (TPD)	NOx (TPD)
01	63.0	0.481	1.274	0	0.00	0.00
02	58.5	0.505	0.769	348,968	0.19	0.30
06	49.5	0.528	0.639	94,574	0.06	0.07
07	45.0	0.551	0.556	212,297	0.13	0.13
08	36.0	0.630	0.570	48,942	0.03	0.03
09	27.0	1.008	0.612	146,317	0.16	0.10
11	58.5	0.501	0.711	0	0.00	0.00
12	58.5	0.507	0.606	0	0.00	0.00
14	49.5	0.539	0.519	0	0.00	0.00
16	45.0	0.552	0.473	0	0.00	0.00
17	36.0	0.621	0.464	0	0.00	0.00
19	27.0	0.995	0.470	0	0.00	0.00
				851,098	0.57	0.62

ROADWAY FUNCTIONAL CLASS (FC) 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, 10/24/2005

```
* Grant Parish; Ozone Season, 2014
********************  Header Section  ***************************
MOBILE6 INPUT FILE :
POLLUTANTS         : HC NOX
RUN DATA
********************  Run Section  ******************************
>Year 2014 - Grant Parish Emission Factors, 9.0 RVP
NO REFUELING       :
MIN/MAX TEMP       : 72.3 92.5
ABSOLUTE HUMIDITY  : 150.5
FUEL RVP           : 9.0
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\90_RVP\2204 (file 1, run 1).       *
*******************************************************************************
*Year 2014 - Grant 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:  72.3 (F)
              Maximum Temperature:  92.5 (F)
                Absolute Humidity:  151. grains/lb
                 Nominal Fuel RVP:   9.0 psi
                    Weathered RVP:   8.5 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 :      0.501     0.577     0.324     0.549     0.471     0.086     0.114     0.200      3.39     0.481
    Composite NOX :      0.370     0.483     0.410     0.474     1.490     0.297     0.357     5.874      1.35     1.274
 -------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # #
* 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: 72.3 (F)
Maximum Temperature: 92.5 (F)
Absolute Humidity: 151. grains/lb
Nominal Fuel RVP: 9.0 psi
Weathered RVP: 8.5 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		0.0329	0.0006	0.0004	0.0791	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.510	0.585	0.329	0.559	0.478	0.086	0.115	0.202	3.08	0.505
Composite NOX :	0.366	0.475	0.403	0.468	1.450	0.250	0.301	4.664	1.25	0.769

* #
* 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: 72.3 (F)
Maximum Temperature: 92.5 (F)
Absolute Humidity: 151. grains/lb
Nominal Fuel RVP: 9.0 psi
Weathered RVP: 8.5 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		0.0291	0.0006	0.0004	0.0689	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.532	0.605	0.340	0.576	0.507	0.090	0.119	0.217	2.83	0.528
Composite NOX :	0.359	0.462	0.389	0.454	1.366	0.194	0.233	3.647	1.06	0.639

* #
* 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: 72.3 (F)
Maximum Temperature: 92.5 (F)
Absolute Humidity: 151. grains/lb
Nominal Fuel RVP: 9.0 psi
Weathered RVP: 8.5 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:	0.6664	0.2320	0.0246		0.0207	0.0006	0.0004	0.0513	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.547	0.617	0.348	0.591	0.528	0.093	0.124	0.229	2.85	0.551
Composite NOX :	0.356	0.455	0.383	0.448	1.316	0.178	0.213	3.360	1.01	0.556

* #
* 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:  72.3 (F)
                Maximum Temperature:  92.5 (F)
                  Absolute Humidity:  151. grains/lb
                   Nominal Fuel RVP:   9.0 psi
                      Weathered RVP:   8.5 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:	0.6384	0.2420	0.0128		0.0249	0.0006	0.0002	0.0591	0.0220	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.584	0.642	0.364	0.628	0.598	0.103	0.140	0.270	2.99	0.630
Composite NOX :	0.352	0.444	0.371	0.440	1.235	0.165	0.197	3.056	0.98	0.570

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
                Maximum Temperature:  92.5 (F)
                  Absolute Humidity:  151. grains/lb
                   Nominal Fuel RVP:   9.0 psi
                      Weathered RVP:   8.5 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:	0.6534	0.2460	0.0049		0.0215	0.0006	0.0001	0.0525	0.0210	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.950	0.962	0.603	0.955	1.237	0.177	0.252	0.593	4.25	1.008
Composite NOX :	0.390	0.454	0.388	0.453	1.010	0.220	0.264	3.902	0.79	0.612

```
* # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
               Maximum Temperature:  92.5 (F)
                 Absolute Humidity:  151. grains/lb
                  Nominal Fuel RVP:   9.0 psi
                     Weathered RVP:   8.5 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:	0.7194	0.1590	0.0276		0.0273	0.0006	0.0004	0.0637	0.0020	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.510	0.585	0.329	0.547	0.476	0.086	0.115	0.201	3.08	0.501
Composite NOX :	0.366	0.475	0.402	0.464	1.445	0.250	0.301	5.006	1.25	0.711

```
* # # # # # # # # # # # # # # # # # # # # # # #
* 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: 72.3 (F)
Maximum Temperature: 92.5 (F)
Absolute Humidity: 151. grains/lb
Nominal Fuel RVP: 9.0 psi
Weathered RVP: 8.5 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:	0.7633	0.1460	0.0256		0.0181	0.0007	0.0004	0.0439	0.0020	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.510	0.585	0.328	0.546	0.476	0.086	0.115	0.203	3.08	0.507
Composite NOX :	0.366	0.475	0.400	0.464	1.446	0.250	0.301	4.973	1.25	0.606

* #
* 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: 72.3 (F)
Maximum Temperature: 92.5 (F)
Absolute Humidity: 151. grains/lb
Nominal Fuel RVP: 9.0 psi
Weathered RVP: 8.5 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 :       0.532      0.605      0.340      0.566      0.506      0.090      0.119      0.216       2.83      0.539
    Composite NOX :       0.359      0.461      0.387      0.450      1.364      0.194      0.233      3.565       1.06      0.519
 ---------------------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
           Maximum Temperature:  92.5 (F)
             Absolute Humidity:  151. grains/lb
              Nominal Fuel RVP:   9.0 psi
                 Weathered RVP:   8.5 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 :       0.547      0.617      0.347      0.598      0.536      0.093      0.124      0.233       2.85      0.552
    Composite NOX :       0.356      0.454      0.381      0.449      1.328      0.178      0.213      3.344       1.01      0.473
 ---------------------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
          Maximum Temperature:  92.5 (F)
            Absolute Humidity:  151. grains/lb
             Nominal Fuel RVP:   9.0 psi
                Weathered RVP:   8.5 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:	0.7713	0.1620	0.0099		0.0119	0.0007	0.0001	0.0281	0.0160	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.584	0.643	0.363	0.627	0.603	0.103	0.140	0.275	2.99	0.621
Composite NOX :	0.352	0.444	0.370	0.440	1.243	0.165	0.197	3.066	0.98	0.464

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  72.3 (F)
          Maximum Temperature:  92.5 (F)
            Absolute Humidity:  151. grains/lb
             Nominal Fuel RVP:   9.0 psi
                Weathered RVP:   8.5 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 :	0.950	0.962	0.597	0.953	1.226	0.177	0.252	0.586	4.25	0.995
Composite NOX :	0.390	0.454	0.368	0.452	1.001	0.220	0.264	3.719	0.79	0.470