Appendix B

On-road Mobile Emissions Summaries

New Orleans Ozone Maintenance Area
Sec. 110(a)(1) Maintenance Plan

Appendix B

NEW ORLEANS MAINTENANCE AREA ONROAD MOBILE EMISSION SUMMARIES

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

2002 ACTUAL ON-ROAD MOBILE EMISSIONS INVENTORY
JEFFERSON 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	1.200	4.833	0	0.00	0.00
02	58.5	1.275	2.596	4,902	0.01	0.01
06	49.5	1.325	2.123	61,628	0.09	0.14
07	45.0	1.371	1.790	46,560	0.07	0.09
08	36.0	1.458	1.817	9,906	0.02	0.02
09	27.0	2.296	1.821	21,648	0.05	0.04
11	58.5	1.283	2.516	1,350,797	1.91	3.75
12	58.5	1.303	2.071	866,229	1.24	1.98
14	49.5	1.353	1.652	2,496,639	3.72	4.55
16	45.0	1.394	1.471	1,097,167	1.69	1.78
17	36.0	1.477	1.409	142,397	0.23	0.22
19	27.0	2.298	1.328	214,340	0.54	0.31
				6,312,213	9.58	12.90

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, 10/16/2006

2002 ACTUAL ON-ROAD MOBILE EMISSIONS INVENTORY
ORLEANS 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	1.200	4.833	0	0.00	0.00
02	58.5	1.275	2.596	0	0.00	0.00
06	49.5	1.325	2.123	0	0.00	0.00
07	45.0	1.371	1.790	0	0.00	0.00
08	36.0	1.458	1.817	0	0.00	0.00
09	27.0	2.296	1.821	0	0.00	0.00
11	58.5	1.283	2.516	3,464,812	4.90	9.61
12	58.5	1.303	2.071	665,945	0.96	1.52
14	49.5	1.353	1.652	2,125,316	3.17	3.87
16	45.0	1.394	1.471	986,546	1.52	1.60
17	36.0	1.477	1.409	246,669	0.40	0.38
19	27.0	2.298	1.328	204,422	0.52	0.30
				7,693,709	11.46	17.28

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, 10/16/2006

2002 ACTUAL ON-ROAD MOBILE EMISSIONS INVENTORY
ST. BERNARD 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	1.200	4.833	0	0.00	0.00
02	58.5	1.275	2.596	0	0.00	0.00
06	49.5	1.325	2.123	0	0.00	0.00
07	45.0	1.371	1.790	51,976	0.08	0.10
08	36.0	1.458	1.817	8,002	0.01	0.02
09	27.0	2.296	1.821	1,894	0.00	0.00
11	58.5	1.283	2.516	0	0.00	0.00
12	58.5	1.303	2.071	0	0.00	0.00
14	49.5	1.353	1.652	612,073	0.91	1.11
16	45.0	1.394	1.471	201,403	0.31	0.33
17	36.0	1.477	1.409	35,424	0.06	0.06
19	27.0	2.298	1.328	30,314	0.08	0.04
				941,087	1.45	1.66

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, 10/16/2006

2002 ACTUAL ON-ROAD MOBILE EMISSIONS INVENTORY
ST. CHARLES 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	1.200	4.833	468,475	0.62	2.50
02	58.5	1.275	2.596	391,415	0.55	1.12
06	49.5	1.325	2.123	135,684	0.20	0.32
07	45.0	1.371	1.790	191,320	0.29	0.38
08	36.0	1.458	1.817	73,738	0.12	0.15
09	27.0	2.296	1.821	34,663	0.09	0.07
11	58.5	1.283	2.516	550,263	0.78	1.53
12	58.5	1.303	2.071	0	0.00	0.00
14	49.5	1.353	1.652	332,726	0.50	0.61
16	45.0	1.394	1.471	166,203	0.26	0.27
17	36.0	1.477	1.409	56,656	0.09	0.09
19	27.0	2.298	1.328	0	0.00	0.00
				2,401,145	3.49	7.02
			4-PARISH TOTAL:	17,348,154.04	25.98	38.86
			TONS PER MONTH:		805.28	1,204.65

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, 10/16/2006

```
* New Orleans Maintenance Area; Ozone Season, 2002
******************  Header Section  ***************************
MOBILE6 INPUT FILE :
POLLUTANTS         : HC NOX
RUN DATA
******************  Run Section  ******************************
>Year 2002 - New Orleans Area Emission Factors
NO REFUELING       :
MIN/MAX TEMP       : 74.2 91.1
ABSOLUTE HUMIDITY  : 150.0
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\NOLA_SIP\NOLA2002.IN (file 1, run 1).      *
*************************************************************************
*Year 2002 - New Orleans Area 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:  74.2 (F)
                 Maximum Temperature:  91.1 (F)
                   Absolute Humidity:  150. grains/lb
                    Nominal Fuel RVP:   7.8 psi
                       Weathered RVP:   7.5 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 :	1.336	1.374	0.864	1.317	1.164	0.663	1.121	0.441	2.99	1.200
Composite NOX :	1.090	1.178	1.169	1.177	5.994	2.576	2.896	24.517	1.35	4.833

```
* # # # # # # # # # # # # # # # # # # # # # # #
```

```
* 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:  74.2 (F)
                Maximum Temperature:  91.1 (F)
                  Absolute Humidity:  150. grains/lb
                   Nominal Fuel RVP:   7.8 psi
                      Weathered RVP:   7.5 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 :      1.350     1.393     0.870     1.339     1.187     0.665     1.173     0.443      2.67     1.275
    Composite NOX :      1.078     1.159     1.149     1.158     5.835     2.176     2.505    18.150      1.26     2.596
  ---------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  74.2 (F)
           Maximum Temperature:  91.1 (F)
             Absolute Humidity:  150. grains/lb
              Nominal Fuel RVP:   7.8 psi
                 Weathered RVP:   7.5 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:	0.6707	0.2008	0.0246		0.0299	0.0013	0.0006	0.0681	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.391	1.440	0.887	1.379	1.261	0.685	1.163	0.475	2.43	1.325
Composite NOX :	1.056	1.122	1.107	1.121	5.489	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:  74.2 (F)
           Maximum Temperature:  91.1 (F)
             Absolute Humidity:  150. grains/lb
              Nominal Fuel RVP:   7.8 psi
                 Weathered RVP:   7.5 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:	0.6657	0.2318	0.0246		0.0212	0.0013	0.0006	0.0508	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.419	1.466	0.898	1.412	1.316	0.705	1.265	0.507	2.44	1.371
Composite NOX :	1.047	1.104	1.089	1.102	5.296	1.555	1.831	13.600	1.02	1.790

* #
* 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: 74.2 (F)
Maximum Temperature: 91.1 (F)
Absolute Humidity: 150. grains/lb
Nominal Fuel RVP: 7.8 psi
Weathered RVP: 7.5 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:	0.6378	0.2418	0.0128		0.0254	0.0012	0.0004	0.0586	0.0220	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.482	1.523	0.922	1.493	1.542	0.771	1.761	0.596	2.58	1.458
Composite NOX :	1.034	1.075	1.055	1.074	4.968	1.440	1.983	12.526	0.98	1.817

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  74.2 (F)
              Maximum Temperature:  91.1 (F)
                Absolute Humidity:  150. grains/lb
                 Nominal Fuel RVP:   7.8 psi
                    Weathered RVP:   7.5 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:	0.6527	0.2458	0.0049		0.0220	0.0013	0.0003	0.0520	0.0210	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	2.289	2.278	1.451	2.262	3.826	1.248	3.214	1.309	3.84	2.296
Composite NOX :	1.089	1.053	1.064	1.054	4.062	1.918	3.063	14.161	0.80	1.821

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  74.2 (F)
Maximum Temperature:  91.1 (F)
  Absolute Humidity:  150. grains/lb
   Nominal Fuel RVP:   7.8 psi
      Weathered RVP:   7.5 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:	0.7186	0.1588	0.0276		0.0278	0.0014	0.0006	0.0632	0.0020	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.350	1.393	0.870	1.315	1.159	0.665	0.971	0.444	2.67	1.283
Composite NOX :	1.078	1.158	1.146	1.157	5.811	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:  74.2 (F)
Maximum Temperature:  91.1 (F)
  Absolute Humidity:  150. grains/lb
   Nominal Fuel RVP:   7.8 psi
      Weathered RVP:   7.5 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 :     1.350     1.393      0.869     1.314     1.181     0.665     0.966     0.443      2.67     1.303
    Composite NOX :     1.078     1.158      1.141     1.156     5.823     2.176     2.280    21.524      1.26     2.071
 ---------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # #
* 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:  74.2 (F)
                Maximum Temperature:  91.1 (F)
                  Absolute Humidity:  150. grains/lb
                   Nominal Fuel RVP:   7.8 psi
                      Weathered RVP:   7.5 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 :     1.391     1.440      0.886     1.357     1.257     0.685     0.995     0.473      2.43     1.353
    Composite NOX :     1.056     1.122      1.103     1.119     5.488     1.691     1.778    14.386      1.07     1.652
 ---------------------------------------------------------------------------------------------------------------------
```

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  74.2 (F)
                Maximum Temperature:  91.1 (F)
                  Absolute Humidity:  150. grains/lb
                   Nominal Fuel RVP:   7.8 psi
                      Weathered RVP:   7.5 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:    0.7715    0.1708     0.0128              0.0123    0.0015    0.0004    0.0287    0.0020    1.0000
 ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      1.419     1.466      0.897     1.427     1.355     0.705     1.457     0.507      2.44     1.394
    Composite NOX :      1.047     1.104      1.085     1.102     5.335     1.555     1.982    13.580      1.02     1.471
 ---------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # #
* 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:	74.2 (F)
Maximum Temperature:	91.1 (F)
Absolute Humidity:	150. grains/lb
Nominal Fuel RVP:	7.8 psi
Weathered RVP:	7.5 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:	0.7705	0.1618	0.0099		0.0123	0.0015	0.0003	0.0277	0.0160	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.482	1.523	0.922	1.489	1.586	0.771	1.680	0.598	2.58	1.477
Composite NOX :	1.034	1.076	1.053	1.074	4.993	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:	74.2 (F)
Maximum Temperature:	91.1 (F)
Absolute Humidity:	150. grains/lb
Nominal Fuel RVP:	7.8 psi
Weathered RVP:	7.5 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:	0.7955	0.1588	0.0039		0.0073	0.0015	0.0002	0.0177	0.0150	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	2.289	2.278	1.437	2.258	3.732	1.248	3.091	1.295	3.84	2.298
Composite NOX :	1.089	1.053	1.016	1.052	4.041	1.918	2.978	13.877	0.80	1.328

2008 PROJECTED ON-ROAD MOBILE EMISSIONS INVENTORY
JEFFERSON 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	0.682	2.706	0	0.00	0.00
02	58.5	0.722	1.511	5,648	0.00	0.01
06	49.5	0.758	1.218	71,014	0.06	0.10
07	45.0	0.788	1.023	53,650	0.05	0.06
08	36.0	0.865	1.042	11,414	0.01	0.01
09	27.0	1.345	1.102	21,648	0.03	0.03
11	58.5	0.723	1.395	1,574,835	1.26	2.42
12	58.5	0.733	1.149	1,009,898	0.82	1.28
14	49.5	0.774	0.942	2,805,870	2.39	2.91
16	45.0	0.798	0.835	1,213,611	1.07	1.12
17	36.0	0.869	0.804	149,123	0.14	0.13
19	27.0	1.337	0.782	214,340	0.32	0.18
				7,131,051	6.14	8.25

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, 10/16/2006

2008 PROJECTED ON-ROAD MOBILE EMISSIONS INVENTORY
ORLEANS 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	0.682	2.706	0	0.00	0.00
02	58.5	0.722	1.511	0	0.00	0.00
06	49.5	0.758	1.218	0	0.00	0.00
07	45.0	0.788	1.023	0	0.00	0.00
08	36.0	0.865	1.042	0	0.00	0.00
09	27.0	1.345	1.102	0	0.00	0.00
11	58.5	0.723	1.395	4,039,473	3.22	6.21
12	58.5	0.733	1.149	776,396	0.63	0.98
14	49.5	0.774	0.942	2,347,923	2.00	2.44
16	45.0	0.798	0.835	1,050,431	0.92	0.97
17	36.0	0.869	0.804	249,035	0.24	0.22
19	27.0	1.337	0.782	204,422	0.30	0.18
				8,667,679	7.31	11.00

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, 10/16/2006

2008 PROJECTED ON-ROAD MOBILE EMISSIONS INVENTORY
ST. BERNARD 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	0.682	2.706	0	0.00	0.00
02	58.5	0.722	1.511	0	0.00	0.00
06	49.5	0.758	1.218	0	0.00	0.00
07	45.0	0.788	1.023	59,892	0.05	0.07
08	36.0	0.865	1.042	9,221	0.01	0.01
09	27.0	1.345	1.102	1,894	0.00	0.00
11	58.5	0.723	1.395	0	0.00	0.00
12	58.5	0.733	1.149	0	0.00	0.00
14	49.5	0.774	0.942	713,589	0.61	0.74
16	45.0	0.798	0.835	234,806	0.21	0.22
17	36.0	0.869	0.804	35,980	0.03	0.03
19	27.0	1.337	0.782	30,314	0.04	0.03
				1,085,696	0.96	1.10

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, 10/16/2006

2008 PROJECTED ON-ROAD MOBILE EMISSIONS INVENTORY
ST. CHARLES 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	0.682	2.706	539,818	0.41	1.61
02	58.5	0.722	1.511	451,023	0.36	0.75
06	49.5	0.758	1.218	156,347	0.13	0.21
07	45.0	0.788	1.023	220,456	0.19	0.25
08	36.0	0.865	1.042	84,967	0.08	0.10
09	27.0	1.345	1.102	34,663	0.05	0.04
11	58.5	0.723	1.395	641,528	0.51	0.99
12	58.5	0.733	1.149	0	0.00	0.00
14	49.5	0.774	0.942	387,911	0.33	0.40
16	45.0	0.798	0.835	193,769	0.17	0.18
17	36.0	0.869	0.804	66,053	0.06	0.06
19	27.0	1.337	0.782	0	0.00	0.00
				2,776,535	2.30	4.59
			4-PARISH TOTAL:	19,660,961.65	16.71	24.93
			TONS PER MONTH:		518.06	772.85

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, 10/16/2006

```
* New Orleans Maintenance Area; Ozone Season, 2008
******************  Header Section  **************************
MOBILE6 INPUT FILE :
POLLUTANTS         : HC NOX
RUN DATA
******************  Run Section  *****************************
>Year 2008 - New Orleans Area Emission Factors
NO REFUELING       :
MIN/MAX TEMP       : 74.2 91.1
ABSOLUTE HUMIDITY  : 150.0
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\NOLA_SIP\NOLA2008.IN (file 1, run 1).     *
************************************************************************
*Year 2008 - New Orleans Area 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:  74.2 (F)
                Maximum Temperature:  91.1 (F)
                  Absolute Humidity:  150. grains/lb
                   Nominal Fuel RVP:   7.8 psi
                      Weathered RVP:   7.5 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:	0.5984	0.1650	0.0207		0.0622	0.0006	0.0003	0.1468	0.0060	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.740	0.779	0.464	0.743	0.669	0.311	0.315	0.284	2.93	0.682
Composite NOX :	0.606	0.727	0.707	0.725	3.532	1.299	1.033	13.490	1.35	2.706

```
* # # # # # # # # # # # # # # # # # # # # # # # #
```

```
* 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:  74.2 (F)
              Maximum Temperature:  91.1 (F)
                Absolute Humidity:  150. grains/lb
                 Nominal Fuel RVP:   7.8 psi
                    Weathered RVP:   7.5 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 :	0.753	0.791	0.471	0.759	0.681	0.312	0.326	0.286	2.62	0.722
Composite NOX :	0.599	0.715	0.697	0.714	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:  74.2 (F)
           Maximum Temperature:  91.1 (F)
             Absolute Humidity:  150. grains/lb
              Nominal Fuel RVP:   7.8 psi
                 Weathered RVP:   7.5 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 :	0.787	0.824	0.490	0.788	0.724	0.322	0.330	0.307	2.37	0.758
Composite NOX :	0.587	0.694	0.672	0.691	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:  74.2 (F)
           Maximum Temperature:  91.1 (F)
             Absolute Humidity:  150. grains/lb
              Nominal Fuel RVP:   7.8 psi
                 Weathered RVP:   7.5 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 :	0.808	0.842	0.501	0.810	0.753	0.332	0.355	0.325	2.39	0.788
Composite NOX :	0.581	0.682	0.662	0.680	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: 74.2 (F)
Maximum Temperature: 91.1 (F)
Absolute Humidity: 150. grains/lb
Nominal Fuel RVP: 7.8 psi
Weathered RVP: 7.5 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 :	0.854	0.881	0.524	0.863	0.865	0.363	0.497	0.383	2.52	0.865
Composite NOX :	0.574	0.665	0.643	0.664	2.928	0.726	0.675	6.974	0.98	1.042

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  74.2 (F)
              Maximum Temperature:  91.1 (F)
                Absolute Humidity:  150. grains/lb
                 Nominal Fuel RVP:   7.8 psi
                    Weathered RVP:   7.5 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 :	1.308	1.301	0.828	1.292	1.955	0.592	1.153	0.840	3.79	1.345
Composite NOX :	0.617	0.669	0.676	0.669	2.393	0.967	1.195	8.802	0.80	1.102

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* 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:	74.2 (F)
Maximum Temperature:	91.1 (F)
Absolute Humidity:	150. grains/lb
Nominal Fuel RVP:	7.8 psi
Weathered RVP:	7.5 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 :	0.753	0.791	0.471	0.744	0.671	0.312	0.291	0.285	2.62	0.723
Composite NOX :	0.599	0.715	0.694	0.712	3.423	1.097	0.840	11.538	1.26	1.395

* #
* 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:	74.2 (F)
Maximum Temperature:	91.1 (F)
Absolute Humidity:	150. grains/lb
Nominal Fuel RVP:	7.8 psi
Weathered RVP:	7.5 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 :	0.753	0.791	0.470	0.743	0.678	0.312	0.291	0.287	2.62	0.733
Composite NOX :	0.599	0.715	0.691	0.711	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:  74.2 (F)
              Maximum Temperature:  91.1 (F)
                Absolute Humidity:  150. grains/lb
                 Nominal Fuel RVP:   7.8 psi
                    Weathered RVP:   7.5 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 :	0.787	0.824	0.489	0.774	0.720	0.322	0.302	0.307	2.37	0.774
Composite NOX :	0.587	0.693	0.669	0.690	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:  74.2 (F)
              Maximum Temperature:  91.1 (F)
                Absolute Humidity:  150. grains/lb
                 Nominal Fuel RVP:   7.8 psi
                    Weathered RVP:   7.5 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 :	0.808	0.842	0.500	0.818	0.774	0.332	0.398	0.329	2.39	0.798
Composite NOX :	0.581	0.682	0.660	0.680	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:	74.2 (F)
Maximum Temperature:	91.1 (F)
Absolute Humidity:	150. grains/lb
Nominal Fuel RVP:	7.8 psi
Weathered RVP:	7.5 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 :	0.854	0.881	0.524	0.860	0.886	0.363	0.470	0.389	2.52	0.869
Composite NOX :	0.574	0.666	0.642	0.664	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:	74.2 (F)
Maximum Temperature:	91.1 (F)
Absolute Humidity:	150. grains/lb
Nominal Fuel RVP:	7.8 psi
Weathered RVP:	7.5 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 :	1.308	1.301	0.818	1.289	1.906	0.592	1.052	0.834	3.79	1.337
Composite NOX :	0.617	0.669	0.641	0.668	2.371	0.967	1.112	8.544	0.80	0.782

2011 PROJECTED ON-ROAD MOBILE EMISSIONS INVENTORY
JEFFERSON 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	0.551	1.901	0	0.00	0.00
02	58.5	0.582	1.095	5,970	0.00	0.01
06	49.5	0.608	0.892	75,057	0.05	0.07
07	45.0	0.632	0.759	56,705	0.04	0.05
08	36.0	0.700	0.776	12,064	0.01	0.01
09	27.0	1.072	0.828	17,718	0.02	0.02
11	58.5	0.579	1.008	1,655,906	1.06	1.84
12	58.5	0.587	0.840	1,061,887	0.69	0.98
14	49.5	0.619	0.702	2,643,371	1.80	2.05
16	45.0	0.636	0.629	1,084,263	0.76	0.75
17	36.0	0.697	0.610	107,350	0.08	0.07
19	27.0	1.058	0.605	121,307	0.14	0.08
				6,841,598	4.66	5.93

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, 10/16/2006

2011 PROJECTED ON-ROAD MOBILE EMISSIONS INVENTORY
ORLEANS 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	0.551	1.901	0	0.00	0.00
02	58.5	0.582	1.095	0	0.00	0.00
06	49.5	0.608	0.892	0	0.00	0.00
07	45.0	0.632	0.759	0	0.00	0.00
08	36.0	0.700	0.776	0	0.00	0.00
09	27.0	1.072	0.828	0	0.00	0.00
11	58.5	0.579	1.008	4,247,422	2.71	4.72
12	58.5	0.587	0.840	816,364	0.53	0.76
14	49.5	0.619	0.702	2,088,560	1.43	1.62
16	45.0	0.636	0.629	812,531	0.57	0.56
17	36.0	0.697	0.610	149,015	0.11	0.10
19	27.0	1.058	0.605	115,694	0.13	0.08
				8,229,586	5.48	7.83

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, 10/16/2006

2011 PROJECTED ON-ROAD MOBILE EMISSIONS INVENTORY
ST. BERNARD 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	0.551	1.901	0	0.00	0.00
02	58.5	0.582	1.095	0	0.00	0.00
06	49.5	0.608	0.892	0	0.00	0.00
07	45.0	0.632	0.759	63,302	0.04	0.05
08	36.0	0.700	0.776	9,746	0.01	0.01
09	27.0	1.072	0.828	1,550	0.00	0.00
11	58.5	0.579	1.008	0	0.00	0.00
12	58.5	0.587	0.840	0	0.00	0.00
14	49.5	0.619	0.702	750,324	0.51	0.58
16	45.0	0.636	0.629	246,894	0.17	0.17
17	36.0	0.697	0.610	22,259	0.02	0.01
19	27.0	1.058	0.605	17,156	0.02	0.01
				1,111,232	0.78	0.84

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, 10/16/2006

2011 PROJECTED ON-ROAD MOBILE EMISSIONS INVENTORY
ST. CHARLES 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	0.551	1.901	570,553	0.35	1.20
02	58.5	0.582	1.095	476,702	0.31	0.58
06	49.5	0.608	0.892	165,248	0.11	0.16
07	45.0	0.632	0.759	233,007	0.16	0.19
08	36.0	0.700	0.776	89,805	0.07	0.08
09	27.0	1.072	0.828	28,371	0.03	0.03
11	58.5	0.579	1.008	674,553	0.43	0.75
12	58.5	0.587	0.840	0	0.00	0.00
14	49.5	0.619	0.702	407,881	0.28	0.32
16	45.0	0.636	0.629	203,744	0.14	0.14
17	36.0	0.697	0.610	69,453	0.05	0.05
19	27.0	1.058	0.605	0	0.00	0.00
				2,919,317	1.93	3.48
			4-PARISH TOTAL:	19,101,733.60	12.85	18.09
			TONS PER MONTH:		398.27	560.65

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, 10/16/2006

```
* New Orleans Maintenance Area; Ozone Season, 2011
******************  Header Section  ***************************
MOBILE6 INPUT FILE :
POLLUTANTS         : HC NOX
RUN DATA
******************  Run Section  ******************************
>Year 2011 - New Orleans Area Emission Factors
NO REFUELING       :
MIN/MAX TEMP       : 74.2 91.1
ABSOLUTE HUMIDITY  : 150.0
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\NOLA_SIP\NOLA2011.IN (file 1, run 1).     *
************************************************************************
*Year 2011 - New Orleans Area 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:  2011
                             Month:  July
                          Altitude:  Low
                 Minimum Temperature:  74.2 (F)
                 Maximum Temperature:  91.1 (F)
                   Absolute Humidity:  150. grains/lb
                    Nominal Fuel RVP:   7.8 psi
                       Weathered RVP:   7.5 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:	0.5985	0.1650	0.0207		0.0622	0.0005	0.0003	0.1468	0.0060	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.586	0.656	0.371	0.624	0.525	0.139	0.158	0.236	2.89	0.551
Composite NOX :	0.470	0.587	0.519	0.579	2.400	0.561	0.543	9.225	1.35	1.901

```
* # # # # # # # # # # # # # # # # # # # # # # # #
```

```
* 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:  74.2 (F)
                Maximum Temperature:  91.1 (F)
                  Absolute Humidity:  150. grains/lb
                     Nominal Fuel RVP:   7.8 psi
                        Weathered RVP:   7.5 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:    0.6514    0.2080    0.0236              0.0330    0.0006    0.0004    0.0790    0.0040    1.0000
 ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      0.595     0.665     0.377     0.636     0.533     0.140     0.159     0.238      2.58     0.582
    Composite NOX :      0.465     0.578     0.511     0.571     2.337     0.473     0.458     7.311      1.26     1.095
 ---------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  74.2 (F)
            Maximum Temperature:  91.1 (F)
              Absolute Humidity:  150. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.5 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 :	0.620	0.689	0.389	0.656	0.563	0.145	0.166	0.255	2.33	0.608
Composite NOX :	0.455	0.561	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:  74.2 (F)
            Maximum Temperature:  91.1 (F)
              Absolute Humidity:  150. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.5 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		0.0208	0.0006	0.0004	0.0512	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.636	0.702	0.397	0.673	0.585	0.150	0.173	0.270	2.35	0.632
Composite NOX :	0.451	0.552	0.485	0.546	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: 74.2 (F)
Maximum Temperature: 91.1 (F)
Absolute Humidity: 150. grains/lb
Nominal Fuel RVP: 7.8 psi
Weathered RVP: 7.5 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 :	0.671	0.731	0.415	0.715	0.658	0.166	0.200	0.318	2.48	0.700
Composite NOX :	0.446	0.539	0.471	0.536	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:  74.2 (F)
                Maximum Temperature:  91.1 (F)
                  Absolute Humidity:  150. grains/lb
                   Nominal Fuel RVP:   7.8 psi
                      Weathered RVP:   7.5 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:    0.6534    0.2460     0.0049              0.0216    0.0006    0.0001    0.0524    0.0210    1.0000
 ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      1.016     1.060      0.653     1.052     1.341     0.281     0.382     0.698      3.75     1.072
    Composite NOX :      0.486     0.547      0.496     0.546     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: 74.2 (F)
Maximum Temperature: 91.1 (F)
Absolute Humidity: 150. grains/lb
Nominal Fuel RVP: 7.8 psi
Weathered RVP: 7.5 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 :	0.595	0.665	0.376	0.622	0.530	0.140	0.158	0.237	2.58	0.579
Composite NOX :	0.465	0.578	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: 74.2 (F)
Maximum Temperature: 91.1 (F)
Absolute Humidity: 150. grains/lb
Nominal Fuel RVP: 7.8 psi
Weathered RVP: 7.5 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 :	0.595	0.665	0.376	0.622	0.532	0.140	0.158	0.239	2.58	0.587
Composite NOX :	0.465	0.578	0.506	0.567	2.330	0.473	0.455	7.817	1.26	0.840

```
* # # # # # # # # # # # # # # # # # # # # #
* 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:  74.2 (F)
              Maximum Temperature:  91.1 (F)
                Absolute Humidity:  150. grains/lb
                 Nominal Fuel RVP:   7.8 psi
                    Weathered RVP:   7.5 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 :	0.620	0.689	0.389	0.644	0.561	0.145	0.164	0.255	2.33	0.619
Composite NOX :	0.455	0.561	0.491	0.550	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:  74.2 (F)
                Maximum Temperature:  91.1 (F)
                  Absolute Humidity:  150. grains/lb
                     Nominal Fuel RVP:   7.8 psi
                        Weathered RVP:   7.5 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 :      0.636     0.702     0.397     0.681     0.595     0.150     0.175     0.274      2.35     0.636
    Composite NOX :      0.451     0.552     0.483     0.547     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:	74.2 (F)
Maximum Temperature:	91.1 (F)
Absolute Humidity:	150. grains/lb
Nominal Fuel RVP:	7.8 psi
Weathered RVP:	7.5 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 :	0.671	0.731	0.414	0.713	0.666	0.166	0.199	0.324	2.48	0.697
Composite NOX :	0.446	0.540	0.470	0.536	2.008	0.312	0.304	4.794	0.98	0.610

* #
* 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:	74.2 (F)
Maximum Temperature:	91.1 (F)
Absolute Humidity:	150. grains/lb
Nominal Fuel RVP:	7.8 psi
Weathered RVP:	7.5 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 :	1.016	1.060	0.646	1.050	1.327	0.281	0.374	0.692	3.75	1.058
Composite NOX :	0.486	0.547	0.470	0.545	1.608	0.417	0.424	5.902	0.80	0.605

2014 PROJECTED ON-ROAD MOBILE EMISSIONS INVENTORY
JEFFERSON 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	0.442	1.272	0	0.00	0.00
02	58.5	0.464	0.765	6,289	0.00	0.01
06	49.5	0.482	0.635	79,066	0.04	0.06
07	45.0	0.501	0.552	59,734	0.03	0.04
08	36.0	0.564	0.566	12,709	0.01	0.01
09	27.0	0.863	0.608	17,790	0.02	0.01
11	58.5	0.460	0.707	1,720,008	0.87	1.34
12	58.5	0.465	0.602	1,102,994	0.57	0.73
14	49.5	0.490	0.515	2,733,627	1.48	1.55
16	45.0	0.501	0.469	1,118,692	0.62	0.58
17	36.0	0.556	0.460	109,561	0.07	0.06
19	27.0	0.845	0.465	121,911	0.11	0.06
				7,082,379	3.82	4.44

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, 10/16/2006

2014 PROJECTED ON-ROAD MOBILE EMISSIONS INVENTORY
ORLEANS 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	0.442	1.272	0	0.00	0.00
02	58.5	0.464	0.765	0	0.00	0.00
06	49.5	0.482	0.635	0	0.00	0.00
07	45.0	0.501	0.552	0	0.00	0.00
08	36.0	0.564	0.566	0	0.00	0.00
09	27.0	0.863	0.608	0	0.00	0.00
11	58.5	0.460	0.707	4,411,843	2.24	3.44
12	58.5	0.465	0.602	847,966	0.43	0.56
14	49.5	0.490	0.515	2,154,457	1.16	1.22
16	45.0	0.501	0.469	832,502	0.46	0.43
17	36.0	0.556	0.460	150,346	0.09	0.08
19	27.0	0.845	0.465	116,269	0.11	0.06
				8,513,384	4.50	5.79

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, 10/16/2006

2014 PROJECTED ON-ROAD MOBILE EMISSIONS INVENTORY
ST. BERNARD 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	0.442	1.272	0	0.00	0.00
02	58.5	0.464	0.765	0	0.00	0.00
06	49.5	0.482	0.635	0	0.00	0.00
07	45.0	0.501	0.552	66,683	0.04	0.04
08	36.0	0.564	0.566	10,267	0.01	0.01
09	27.0	0.863	0.608	1,557	0.00	0.00
11	58.5	0.460	0.707	0	0.00	0.00
12	58.5	0.465	0.602	0	0.00	0.00
14	49.5	0.490	0.515	779,370	0.42	0.44
16	45.0	0.501	0.469	256,452	0.14	0.13
17	36.0	0.556	0.460	22,508	0.01	0.01
19	27.0	0.845	0.465	17,242	0.02	0.01
				1,154,078	0.64	0.64

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, 10/16/2006

2014 PROJECTED ON-ROAD MOBILE EMISSIONS INVENTORY
ST. CHARLES 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	0.442	1.272	601,029	0.29	0.84
02	58.5	0.464	0.765	502,165	0.26	0.42
06	49.5	0.482	0.635	174,075	0.09	0.12
07	45.0	0.501	0.552	245,453	0.14	0.15
08	36.0	0.564	0.566	94,602	0.06	0.06
09	27.0	0.863	0.608	28,485	0.03	0.02
11	58.5	0.460	0.707	700,666	0.36	0.55
12	58.5	0.465	0.602	0	0.00	0.00
14	49.5	0.490	0.515	423,670	0.23	0.24
16	45.0	0.501	0.469	211,631	0.12	0.11
17	36.0	0.556	0.460	72,141	0.04	0.04
19	27.0	0.845	0.465	0	0.00	0.00
				3,053,918	1.61	2.55
		4-PARISH TOTAL:		19,803,758.60	10.56	13.42
		TONS PER MONTH:			327.27	415.99

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, 10/16/2006

```
* New Orleans Maintenance Area; Ozone Season, 2014
******************  Header Section  ***************************
MOBILE6 INPUT FILE :
POLLUTANTS         : HC NOX
RUN DATA
******************  Run Section  ******************************
>Year 2014 - New Orleans Area Emission Factors
NO REFUELING       :
MIN/MAX TEMP       : 74.2 91.1
ABSOLUTE HUMIDITY  : 150.0
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\NOLA_SIP\NOLA2014.IN (file 1, run 1).            *
*******************************************************************************
*Year 2014 - New Orleans Area 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:  74.2 (F)
                Maximum Temperature:  91.1 (F)
                  Absolute Humidity:  150. grains/lb
                   Nominal Fuel RVP:   7.8 psi
                      Weathered RVP:   7.5 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:	0.5985	0.1650	0.0207		0.0620	0.0005	0.0003	0.1470	0.0060	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.460	0.534	0.304	0.508	0.409	0.086	0.114	0.200	2.89	0.442
Composite NOX :	0.365	0.476	0.404	0.468	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:  74.2 (F)
                Maximum Temperature:  91.1 (F)
                  Absolute Humidity:  150. grains/lb
                   Nominal Fuel RVP:   7.8 psi
                      Weathered RVP:   7.5 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 :	0.467	0.540	0.308	0.516	0.414	0.086	0.115	0.202	2.58	0.464
Composite NOX :	0.361	0.469	0.398	0.462	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:  74.2 (F)
             Maximum Temperature:  91.1 (F)
               Absolute Humidity:  150. grains/lb
                Nominal Fuel RVP:   7.8 psi
                   Weathered RVP:   7.5 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 :	0.485	0.557	0.318	0.531	0.437	0.090	0.119	0.217	2.33	0.482
Composite NOX :	0.354	0.456	0.383	0.448	1.393	0.194	0.233	3.647	1.07	0.635

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* 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:  74.2 (F)
```

```
            Maximum Temperature:  91.1 (F)
              Absolute Humidity:  150. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.5 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 :	0.496	0.566	0.324	0.543	0.454	0.093	0.124	0.229	2.35	0.501
Composite NOX :	0.351	0.449	0.377	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:  74.2 (F)
            Maximum Temperature:  91.1 (F)
              Absolute Humidity:  150. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.5 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 :	0.524	0.588	0.338	0.575	0.512	0.103	0.140	0.270	2.48	0.564
Composite NOX :	0.348	0.438	0.366	0.435	1.260	0.165	0.197	3.056	0.98	0.566

* #
* 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:	74.2 (F)
Maximum Temperature:	91.1 (F)
Absolute Humidity:	150. grains/lb
Nominal Fuel RVP:	7.8 psi
Weathered RVP:	7.5 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 :	0.795	0.849	0.535	0.843	1.040	0.177	0.252	0.593	3.75	0.863
Composite NOX :	0.386	0.448	0.383	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:  74.2 (F)
                Maximum Temperature:  91.1 (F)
                  Absolute Humidity:  150. grains/lb
                   Nominal Fuel RVP:   7.8 psi
                      Weathered RVP:   7.5 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 :	0.467	0.540	0.308	0.506	0.413	0.086	0.115	0.201	2.58	0.460
Composite NOX :	0.361	0.469	0.396	0.458	1.474	0.250	0.301	5.006	1.26	0.707

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* 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:	74.2 (F)
Maximum Temperature:	91.1 (F)
Absolute Humidity:	150. grains/lb
Nominal Fuel RVP:	7.8 psi
Weathered RVP:	7.5 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 :	0.467	0.540	0.308	0.505	0.413	0.086	0.115	0.203	2.58	0.465
Composite NOX :	0.361	0.469	0.394	0.458	1.474	0.250	0.301	4.973	1.26	0.602

* #
* 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:	74.2 (F)
Maximum Temperature:	91.1 (F)
Absolute Humidity:	150. grains/lb

```
                Nominal Fuel RVP:   7.8 psi
                   Weathered RVP:   7.5 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 :	0.485	0.557	0.317	0.521	0.436	0.090	0.119	0.216	2.33	0.490
Composite NOX :	0.354	0.455	0.382	0.444	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:  74.2 (F)
              Maximum Temperature:  91.1 (F)
                Absolute Humidity:  150. grains/lb
                 Nominal Fuel RVP:   7.8 psi
                    Weathered RVP:   7.5 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 :	0.496	0.566	0.323	0.549	0.460	0.093	0.124	0.233	2.35	0.501
Composite NOX :	0.351	0.449	0.376	0.444	1.355	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: 74.2 (F)
Maximum Temperature: 91.1 (F)
Absolute Humidity: 150. grains/lb
Nominal Fuel RVP: 7.8 psi
Weathered RVP: 7.5 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 :	0.524	0.588	0.337	0.574	0.516	0.103	0.140	0.275	2.48	0.556
Composite NOX :	0.348	0.439	0.365	0.434	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:  74.2 (F)
                Maximum Temperature:  91.1 (F)
                  Absolute Humidity:  150. grains/lb
                   Nominal Fuel RVP:   7.8 psi
                      Weathered RVP:   7.5 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 :	0.795	0.849	0.529	0.842	1.030	0.177	0.252	0.586	3.75	0.845
Composite NOX :	0.386	0.448	0.364	0.446	1.021	0.220	0.264	3.719	0.80	0.465