Appendix I

Rate of Progress Analysis:

Donut Area HPMS-based VMT and Mobile Source Worksheets for 2005

(Including MOBILE6.2 Input and Output Files)

HPMS-BASED VMT FOR THE BATON ROUGE OZONE NONATTAINMENT AREA:

AVERAGE DAILY VEHICLE MILES OF TRAVEL, YEAR 2005. (JUNE, JULY & AUGUST VALUES)

PARISH	01 Rural Interstate		02 Rural Principal Arterial		06 Rural Minor Arterial		07 Rural Major Collector		08 Rural Minor Collector		09 Rural Local Road	
	Road Miles	Vehicle Miles	Road Miles	Vehicle Miles	Road Miles	Vehicle Miles	Road Miles	Vehicle Miles	Road Miles	Vehicle Miles	Road Miles	Vehicle Miles
ASCENSION	2.84	84,189	0.00	0	14.40	119,503	39.61	137,495	29.91	20,086	60.52	15,818
E. BATON ROUGE	0.00	0	3.18	39,868	0.00	0	19.32	90,012	10.50	17,531	97.36	60,018
IBERVILLE	14.78	569,079	14.58	165,943	0.00	0	112.82	329,492	73.15	110,129	242.23	54,427
LIVINGSTON	16.63	646,954	0.00	0	3.73	16,536	174.10	465,551	65.24	64,274	488.93	147,603
W. BATON ROUGE	8.48	356,623	13.13	245,448	0.00	0	37.83	70,058	22.60	36,644	80.81	36,178
TOTALS	42.73	1,656,845	30.89	451,259	18.13	136,039	383.68	1,092,609	201.40	248,665	969.85	314,043

AVERAGE DAILY VEHICLE MILES OF TRAVEL, YEAR 2005. (JUNE, JULY & AUGUST VALUES)

PARISH	11 Urban Interstate		12 Urban Oth. Fwy & Expw		14 Urban Oth. Principal Art		16 Urban Minor Arterials		17 Urban Collector Street		19 Local City Streets		TOTALS	
	Road Miles	Vehicle Miles	Road Miles	Vehicle Miles	Road Miles	Vehicle Miles	Road Miles	Vehicle Miles	Road Miles	Vehicle Miles	Road Miles	Vehicle Miles	Road Miles	Vehicle Miles
ASCENSION	0.00	0	0.00	0	2.01	14,355	5.66	33,211	0.00	0	35.42	15,408	190.36	440,066
E. BATON ROUGE	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	130.36	207,429
IBERVILLE	0.00	0	0.00	0	2.37	57,218	5.12	34,551	3.78	6,578	36.03	16,934	504.86	1,344,350
LIVINGSTON	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	748.63	1,340,917
W. BATON ROUGE	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	162.86	744,951
TOTALS	0.00	0	0.00	0	4.38	71,573	10.78	67,762	3.78	6,578	71.45	32,342	1737.07	4,077,714

Source: Louisiana Department of Transportation and Development, Office of Planning and Programming

BATON ROUGE 5-PARISH OZONE NONATTAINMENT AREA

2005 MOBILE EMISSIONS INVENTORY FOR HPMS-BASED DONUT AREA
ASCENSION PARISH
PEAK OZONE SEASON, CG, OBD AND GAS CAP I/M, RVP 7.8

ROAD CLASS	SPEED (MPH)	VOC (G/MI)	NOX (G/MI)	VMT (MI/DAY)	VOC (TPD)	NOX (TPD)
01	63.0	0.843	3.614	84,189	0.08	0.34
02	58.5	0.892	1.981	0	0.00	0.00
06	49.5	0.935	1.593	119,503	0.12	0.21
07	45.0	0.971	1.331	137,495	0.15	0.20
08	36.0	1.061	1.350	20,086	0.02	0.03
09	27.0	1.684	1.399	15,818	0.03	0.02
11	58.5	0.894	1.852	0	0.00	0.00
12	58.5	0.906	1.518	0	0.00	0.00
14	49.5	0.954	1.227	14,355	0.02	0.02
16	45.0	0.985	1.082	33,211	0.04	0.04
17	36.0	1.068	1.033	0	0.00	0.00
19	27.0	1.681	0.986	15,408	0.03	0.02
			TOTALS	440,066	0.48	0.88

2005 MOBILE EMISSIONS INVENTORY FOR HPMS-BASED DONUT AREA
EAST BATON ROUGE PARISH
PEAK OZONE SEASON, CG, OBD AND GAS CAP I/M, RVP 7.8

ROAD CLASS	SPEED (MPH)	VOC (G/MI)	NOX (G/MI)	VMT (MI/DAY)	VOC (TPD)	NOX (TPD)
01	63.0	0.843	3.614	0	0.00	0.00
02	58.5	0.892	1.981	39,868	0.04	0.09
06	49.5	0.935	1.593	0	0.00	0.00
07	45.0	0.971	1.331	90,012	0.10	0.13
08	36.0	1.061	1.350	17,531	0.02	0.03
09	27.0	1.684	1.399	60,018	0.11	0.09
11	58.5	0.894	1.852	0	0.00	0.00
12	58.5	0.906	1.518	0	0.00	0.00
14	49.5	0.954	1.227	0	0.00	0.00
16	45.0	0.985	1.082	0	0.00	0.00
17	36.0	1.068	1.033	0	0.00	0.00
19	27.0	1.681	0.986	0	0.00	0.00
			TOTALS	207,429	0.27	0.34

ROADWAY FUNCTIONAL CLASS (FC) CODE

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

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

2005 MOBILE EMISSIONS INVENTORY FOR HPMS-BASED DONUT AREA
IBERVILLE PARISH
PEAK OZONE SEASON, CG, OBD AND GAS CAP I/M, RVP 7.8

ROAD CLASS	SPEED (MPH)	VOC (G/MI)	NOX (G/MI)	VMT (MI/DAY)	VOC (TPD)	NOX (TPD)
01	63.0	0.843	3.614	569,079	0.53	2.27
02	58.5	0.892	1.981	165,943	0.16	0.36
06	49.5	0.935	1.593	0	0.00	0.00
07	45.0	0.971	1.331	329,492	0.35	0.48
08	36.0	1.061	1.350	110,129	0.13	0.16
09	27.0	1.684	1.399	54,427	0.10	0.08
11	58.5	0.894	1.852	0	0.00	0.00
12	58.5	0.906	1.518	0	0.00	0.00
14	49.5	0.954	1.227	57,218	0.06	0.08
16	45.0	0.985	1.082	34,551	0.04	0.04
17	36.0	1.068	1.033	6,578	0.01	0.01
19	27.0	1.681	0.986	16,934	0.03	0.02
			TOTALS	1,344,350	1.41	3.51

2005 MOBILE EMISSIONS INVENTORY FOR HPMS-BASED DONUT AREA
LIVINGSTON PARISH
PEAK OZONE SEASON, CG, OBD AND GAS CAP I/M, RVP 7.8

ROAD CLASS	SPEED (MPH)	VOC (G/MI)	NOX (G/MI)	VMT (MI/DAY)	VOC (TPD)	NOX (TPD)
01	63.0	0.843	3.614	646,954	0.60	2.58
02	58.5	0.892	1.981	0	0.00	0.00
06	49.5	0.935	1.593	16,536	0.02	0.03
07	45.0	0.971	1.331	465,551	0.50	0.68
08	36.0	1.061	1.350	64,274	0.08	0.10
09	27.0	1.684	1.399	147,603	0.27	0.23
11	58.5	0.894	1.852	0	0.00	0.00
12	58.5	0.906	1.518	0	0.00	0.00
14	49.5	0.954	1.227	0	0.00	0.00
16	45.0	0.985	1.082	0	0.00	0.00
17	36.0	1.068	1.033	0	0.00	0.00
19	27.0	1.681	0.986	0	0.00	0.00
			TOTALS	1,340,917	1.47	3.61

ROADWAY FUNCTIONAL CLASS (FC) CODE

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

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

2005 MOBILE EMISSIONS INVENTORY FOR HPMS-BASED DONUT AREA
WEST BATON ROUGE PARISH
PEAK OZONE SEASON, CG, OBD AND GAS CAP I/M, RVP 7.8

ROAD CLASS	SPEED (MPH)	VOC (G/MI)	NOX (G/MI)	VMT (MI/DAY)	VOC (TPD)	NOX (TPD)
01	63.0	0.843	3.614	356,623	0.33	1.42
02	58.5	0.892	1.981	245,448	0.24	0.54
06	49.5	0.935	1.593	0	0.00	0.00
07	45.0	0.971	1.331	70,058	0.07	0.10
08	36.0	1.061	1.350	36,644	0.04	0.05
09	27.0	1.684	1.399	36,178	0.07	0.06
11	58.5	0.894	1.852	0	0.00	0.00
12	58.5	0.906	1.518	0	0.00	0.00
14	49.5	0.954	1.227	0	0.00	0.00
16	45.0	0.985	1.082	0	0.00	0.00
17	36.0	1.068	1.033	0	0.00	0.00
19	27.0	1.681	0.986	0	0.00	0.00
			TOTALS	744,951	0.76	2.17

5-Parish HPMS-based Sub-totals:	4,077,714	4.38	10.50
MPO Area TDM/PPAQ-based Sub-totals:	12,007,579	14.44	20.40
TOTALS:	16,085,293	18.82	30.90

ROADWAY FUNCTIONAL CLASS (FC) CODE

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

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

LDEQ, OEA, 1/14/2005

```
MOBILE6 INPUT FILE :
* Louisiana 4-Parish Non-attainment Area (90% design speeds); 2005
POLLUTANTS          : HC NOX
RUN DATA
*
NO REFUELING        :
MIN/MAX TEMP        : 72.3 94.8
ABSOLUTE HUMIDITY   : 123.44
FUEL RVP            : 7.8
EXPRESS HC AS VOC   :
REG DIST            : LA_REGD.D
I/M DESC FILE       : bt05im.d
ANTI-TAMP PROG      : 00 80 95 22222 21111111 1 11 072. 22222222
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 REC        : rural interstate (110), 63.0
CALENDAR YEAR       : 2005
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 63.0 Non-Ramp 100.0 0.0 0.0 0.0

END OF RUN
*
NO REFUELING        :
MIN/MAX TEMP        : 72.3 94.8
ABSOLUTE HUMIDITY   : 123.44
FUEL RVP            : 7.8
EXPRESS HC AS VOC   :
REG DIST            : LA_REGD.D
I/M DESC FILE       : bt05im.d
ANTI-TAMP PROG      : 00 80 95 22222 21111111 1 11 072. 22222222
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 REC        : rural principal arterial (130), 58.5
CALENDAR YEAR       : 2005
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 58.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN
*
NO REFUELING        :
MIN/MAX TEMP        : 72.3 94.8
ABSOLUTE HUMIDITY   : 123.44
FUEL RVP            : 7.8
EXPRESS HC AS VOC   :
REG DIST            : LA_REGD.D
I/M DESC FILE       : bt05im.d
ANTI-TAMP PROG      : 00 80 95 22222 21111111 1 11 072. 22222222
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 REC        : rural minor arterial (150), 49.5
CALENDAR YEAR       : 2005
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 49.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN
*
NO REFUELING        :
MIN/MAX TEMP        : 72.3 94.8
ABSOLUTE HUMIDITY   : 123.44
FUEL RVP            : 7.8
EXPRESS HC AS VOC   :
REG DIST            : LA_REGD.D
I/M DESC FILE       : bt05im.d
ANTI-TAMP PROG      : 00 80 95 22222 21111111 1 11 072. 22222222
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 REC        : rural major collector (170), 45.0
CALENDAR YEAR       : 2005
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 45.0 Arterial 0.0 100.0 0.0 0.0

END OF RUN
*
NO REFUELING        :
MIN/MAX TEMP        : 72.3 94.8
ABSOLUTE HUMIDITY   : 123.44
FUEL RVP            : 7.8
EXPRESS HC AS VOC   :
REG DIST            : LA_REGD.D
I/M DESC FILE       : bt05im.d
ANTI-TAMP PROG      : 00 80 95 22222 21111111 1 11 072. 22222222
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 REC        : rural minor collector (190), 36.0
CALENDAR YEAR       : 2005
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 36.0 Arterial 0.0 100.0 0.0 0.0

END OF RUN
*
NO REFUELING        :
MIN/MAX TEMP        : 72.3 94.8
ABSOLUTE HUMIDITY   : 123.44
FUEL RVP            : 7.8
EXPRESS HC AS VOC   :
REG DIST            : LA_REGD.D
I/M DESC FILE       : bt05im.d
ANTI-TAMP PROG      : 00 80 95 22222 21111111 1 11 072. 22222222
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 REC        : rural local (210), 27.0
CALENDAR YEAR       : 2005
EVALUATION MONTH    : 7
ALTITUDE            : 1
VMT BY FACILITY     : localvmt.d

END OF RUN
*
NO REFUELING        :
MIN/MAX TEMP        : 72.3 94.8
ABSOLUTE HUMIDITY   : 123.44
FUEL RVP            : 7.8
EXPRESS HC AS VOC   :
REG DIST            : LA_REGD.D
I/M DESC FILE       : bt05im.d
ANTI-TAMP PROG      : 00 80 95 22222 21111111 1 11 072. 22222222
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 REC        : urbanized interstate (230), 58.5
CALENDAR YEAR       : 2005
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 58.5 Non-Ramp 100.0 0.0 0.0 0.0

END OF RUN
*
NO REFUELING        :
MIN/MAX TEMP        : 72.3 94.8
ABSOLUTE HUMIDITY   : 123.44
FUEL RVP            : 7.8
EXPRESS HC AS VOC   :
REG DIST            : LA_REGD.D
I/M DESC FILE       : bt05im.d
ANTI-TAMP PROG      : 00 80 95 22222 21111111 1 11 072. 22222222
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 REC        : urbanized other Expressway (250), 58.5
CALENDAR YEAR       : 2005
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 58.5 Non-Ramp 100.0 0.0 0.0 0.0

END OF RUN
*
NO REFUELING        :
MIN/MAX TEMP        : 72.3 94.8
ABSOLUTE HUMIDITY   : 123.44
FUEL RVP            : 7.8
EXPRESS HC AS VOC   :
REG DIST            : LA_REGD.D
I/M DESC FILE       : bt05im.d
ANTI-TAMP PROG      : 00 80 95 22222 21111111 1 11 072. 22222222
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 REC        : urbanized principal arterial (270), 49.5
CALENDAR YEAR       : 2005
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 49.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN
*
NO REFUELING        :
MIN/MAX TEMP        : 72.3 94.8
ABSOLUTE HUMIDITY   : 123.44
```

```
FUEL RVP            : 7.8
EXPRESS HC AS VOC   :
REG DIST            : LA_REGD.D
I/M DESC FILE       : bt05im.d
ANTI-TAMP PROG      : 00 80 95 22222 21111111 1 11 072. 22222222
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 REC        : urbanized minor arterial (290), 45.0
CALENDAR YEAR       : 2005
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 45.0 Arterial 0.0 100.0 0.0 0.0

END OF RUN
*
NO REFUELING        :
MIN/MAX TEMP        : 72.3 94.8
ABSOLUTE HUMIDITY   : 123.44
FUEL RVP            : 7.8
EXPRESS HC AS VOC   :
REG DIST            : LA_REGD.D
I/M DESC FILE       : bt05im.d
ANTI-TAMP PROG      : 00 80 95 22222 21111111 1 11 072. 22222222
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 REC        : urbanized collector (310), 36.0
CALENDAR YEAR       : 2005
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 36.0 Arterial 0.0 100.0 0.0 0.0

END OF RUN
*
NO REFUELING        :
MIN/MAX TEMP        : 72.3 94.8
ABSOLUTE HUMIDITY   : 123.44
FUEL RVP            : 7.8
EXPRESS HC AS VOC   :
REG DIST            : LA_REGD.D
I/M DESC FILE       : bt05im.d
ANTI-TAMP PROG      : 00 80 95 22222 21111111 1 11 072. 22222222
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
*
SCENARIO REC        : urbanized local (330), 27.0
CALENDAR YEAR       : 2005
EVALUATION MONTH    : 7
ALTITUDE            : 1
VMT BY FACILITY     : localvmt.d

END OF RUN
```

```
*************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                            *
* Input file: C:\MOBILE6\RUN\05ATTAIN\VMT_OFF\05_4P_CG (file 1, run 1).  *
*************************************************************************
  M603 Comment:
              User has disabled the calculation of REFUELING emissions.


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

* Reading I/M program description records from the following external
* data file: BT05IM.D
  M615 Comment:
              User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #
* rural interstate (110), 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.
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
  M 48 Warning:
              there are no sales for vehicle class HDGV8b

                   Calendar Year:  2005
                           Month:  July
                        Altitude:  Low
             Minimum Temperature:  72.3 (F)
             Maximum Temperature:  94.8 (F)
               Absolute Humidity:  123. grains/lb
                Nominal Fuel RVP:   7.8 psi
                    Weathered RVP:  7.4 psi
             Fuel Sulfur Content:   92. ppm

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

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.5978	0.1649	0.0207		0.0627	0.0012	0.0004	0.1463	0.0060	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.920	0.951	0.568	0.908	0.865	0.602	0.771	0.344	3.16	0.843
Composite NOX :	0.789	0.897	0.910	0.898	5.148	2.399	2.050	18.051	1.34	3.614

```
*************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                            *
* Input file: C:\MOBILE6\RUN\05ATTAIN\VMT_OFF\05_4P_CG (file 1, run 2).  *
*************************************************************************
  M603 Comment:
              User has disabled the calculation of REFUELING emissions.


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

* Reading I/M program description records from the following external
* data file: BT05IM.D
  M615 Comment:
              User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #
* rural principal arterial (130), 58.5
* File 1, Run 2, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  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.
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
  M 48 Warning:
              there are no sales for vehicle class HDGV8b

                   Calendar Year:  2005
                           Month:  July
                        Altitude:  Low
             Minimum Temperature:  72.3 (F)
             Maximum Temperature:  94.8 (F)
               Absolute Humidity:  123. grains/lb
                Nominal Fuel RVP:   7.8 psi
                    Weathered RVP:  7.4 psi
             Fuel Sulfur Content:   92. ppm
```

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
             GVWR:               <6000     >6000     (All)
                       ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:    0.6507    0.2079    0.0236              0.0333    0.0013    0.0005    0.0787    0.0040    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :     0.934     0.967     0.575     0.927     0.884     0.604     0.809     0.346      2.85     0.892
    Composite NOX :     0.778     0.881     0.895     0.883     5.011     2.028     1.776    13.924      1.24     1.981
 ---------------------------------------------------------------------------------------------------------------------------
*****************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                                *
* Input file: C:\MOBILE6\RUN\05ATTAIN\VMT_OFF\05_4P_CG (file 1, run 3).    *
*****************************************************************************
  M603 Comment:
             User has disabled the calculation of REFUELING emissions.


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

* Reading I/M program description records from the following external
* data file: BT05IM.D
  M615 Comment:
             User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # # #
* rural minor arterial (150), 49.5
* File 1, Run 3, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # # #
  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.
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
  M 48 Warning:
             there are no sales for vehicle class HDGV8b

                  Calendar Year:  2005
                          Month:  July
                       Altitude:  Low
            Minimum Temperature:  72.3 (F)
            Maximum Temperature:  94.8 (F)
              Absolute Humidity:  123. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.4 psi
            Fuel Sulfur Content:   92. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
             GVWR:               <6000     >6000     (All)
                       ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:    0.6707    0.2009    0.0246              0.0295    0.0013    0.0005    0.0685    0.0040    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :     0.974     1.008     0.595     0.962     0.941     0.621     0.801     0.371      2.60     0.935
    Composite NOX :     0.758     0.851     0.861     0.852     4.715     1.579     1.364    10.900      1.05     1.593
 ---------------------------------------------------------------------------------------------------------------------------
*****************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                                *
* Input file: C:\MOBILE6\RUN\05ATTAIN\VMT_OFF\05_4P_CG (file 1, run 4).    *
*****************************************************************************
  M603 Comment:
             User has disabled the calculation of REFUELING emissions.


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

* Reading I/M program description records from the following external
* data file: BT05IM.D
  M615 Comment:
             User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # # #
* rural major collector (170), 45.0
* File 1, Run 4, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # # #
  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.
*** I/M credits for Tech1&2 vehicles were read from the following external
```

```
  data file: TECH12.D
M 48 Warning:
            there are no sales for vehicle class HDGV8b

                 Calendar Year:  2005
                         Month:  July
                      Altitude:  Low
            Minimum Temperature:  72.3 (F)
            Maximum Temperature:  94.8 (F)
              Absolute Humidity:  123. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.4 psi
            Fuel Sulfur Content:   92. ppm

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

     Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
          GVWR:                  <6000     >6000     (All)
                       ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
 VMT Distribution:     0.6657    0.2319    0.0246              0.0210    0.0013    0.0005    0.0510    0.0040    1.0000
 ---------------------------------------------------------------------------------------------------------------------
Composite Emission Factors (g/mi):
    Composite VOC :     0.999     1.030     0.607     0.990     0.982     0.638     0.875     0.394      2.62     0.971
    Composite NOX :     0.749     0.836     0.846     0.837     4.547     1.453     1.301    10.102      1.00     1.331
 ---------------------------------------------------------------------------------------------------------------------
*************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                            *
* Input file: C:\MOBILE6\RUN\05ATTAIN\VMT_OFF\05_4P_CG (file 1, run 5).  *
*************************************************************************
 M603 Comment:
            User has disabled the calculation of REFUELING emissions.


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

* Reading I/M program description records from the following external
* data file: BT05IM.D
 M615 Comment:
            User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #
* rural minor collector (190), 36.0
* File 1, Run 5, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
 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.
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
 M 48 Warning:
            there are no sales for vehicle class HDGV8b

                 Calendar Year:  2005
                         Month:  July
                      Altitude:  Low
            Minimum Temperature:  72.3 (F)
            Maximum Temperature:  94.8 (F)
              Absolute Humidity:  123. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.4 psi
            Fuel Sulfur Content:   92. ppm

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

     Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
          GVWR:                  <6000     >6000     (All)
                       ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
 VMT Distribution:     0.6377    0.2419    0.0128              0.0252    0.0013    0.0003    0.0588    0.0220    1.0000
 ---------------------------------------------------------------------------------------------------------------------
Composite Emission Factors (g/mi):
    Composite VOC :     1.057     1.079     0.634     1.057     1.144     0.694     1.262     0.464      2.76     1.061
    Composite NOX :     0.736     0.811     0.819     0.812     4.267     1.347     1.445     9.230      0.97     1.350
 ---------------------------------------------------------------------------------------------------------------------
*************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                            *
* Input file: C:\MOBILE6\RUN\05ATTAIN\VMT_OFF\05_4P_CG (file 1, run 6).  *
*************************************************************************
 M603 Comment:
            User has disabled the calculation of REFUELING emissions.


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

* Reading I/M program description records from the following external
```

```
* data file: BT05IM.D
  M615 Comment:
              User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # # #
* rural local (210), 27.0
* File 1, Run 6, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # # #

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

  Reading User Supplied ROADWAY VMT Factors
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
  M 48 Warning:
              there are no sales for vehicle class HDGV8b

                   Calendar Year:  2005
                           Month:  July
                        Altitude:  Low
             Minimum Temperature:  72.3 (F)
             Maximum Temperature:  94.8 (F)
               Absolute Humidity:  123. grains/lb
                Nominal Fuel RVP:   7.8 psi
                   Weathered RVP:   7.4 psi
             Fuel Sulfur Content:   92. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:                <6000     >6000     (All)
                       ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:    0.6527    0.2459    0.0049              0.0217    0.0013    0.0002    0.0523    0.0210    1.0000
 ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :     1.660     1.613     1.002     1.601     2.736     1.101     2.429     1.018      4.03     1.684
    Composite NOX :     0.777     0.805     0.848     0.805     3.488     1.789     2.352    11.373      0.79     1.399
 ---------------------------------------------------------------------------------------------------------------------
*************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                            *
* Input file: C:\MOBILE6\RUN\05ATTAIN\VMT_OFF\05_4P_CG (file 1, run 7).  *
*************************************************************************
  M603 Comment:
              User has disabled the calculation of REFUELING emissions.


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

* Reading I/M program description records from the following external
* data file: BT05IM.D
  M615 Comment:
              User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # # #
* urbanized interstate (230), 58.5
* File 1, Run 7, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # # #
  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.
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
  M 48 Warning:
              there are no sales for vehicle class HDGV8b

                   Calendar Year:  2005
                           Month:  July
                        Altitude:  Low
             Minimum Temperature:  72.3 (F)
             Maximum Temperature:  94.8 (F)
               Absolute Humidity:  123. grains/lb
                Nominal Fuel RVP:   7.8 psi
                   Weathered RVP:   7.4 psi
             Fuel Sulfur Content:   92. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:                <6000     >6000     (All)
                       ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:    0.7186    0.1589    0.0276              0.0275    0.0014    0.0005    0.0635    0.0020    1.0000
 ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :     0.934     0.967     0.575     0.909     0.866     0.604     0.667     0.345      2.85     0.894
```

```
    Composite NOX :      0.778     0.881     0.892     0.883     4.990     2.028     1.618    15.510      1.24     1.852
  ---------------------------------------------------------------------------------------------------------------------------
*************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                            *
* Input file: C:\MOBILE6\RUN\05ATTAIN\VMT_OFF\05_4P_CG (file 1, run 8).  *
*************************************************************************
  M603 Comment:
              User has disabled the calculation of REFUELING emissions.


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

* Reading I/M program description records from the following external
* data file: BT05IM.D
  M615 Comment:
              User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #
* urbanized other Expressway (250), 58.5
* File 1, Run 8, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  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.
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
  M 48 Warning:
              there are no sales for vehicle class HDGV8b

                   Calendar Year:  2005
                          Month:  July
                       Altitude:  Low
              Minimum Temperature:  72.3 (F)
              Maximum Temperature:  94.8 (F)
                Absolute Humidity:  123. grains/lb
                 Nominal Fuel RVP:   7.8 psi
                    Weathered RVP:   7.4 psi
              Fuel Sulfur Content:   92. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
             GVWR:                <6000     >6000     (All)
                      ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:    0.7625    0.1459    0.0256              0.0183    0.0015    0.0005    0.0437    0.0020    1.0000
  ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      0.934     0.967     0.575     0.908     0.880     0.604     0.663     0.346      2.85     0.906
    Composite NOX :      0.778     0.881     0.888     0.882     5.000     2.028     1.614    15.476      1.24     1.518
  ---------------------------------------------------------------------------------------------------------------------------
*************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                            *
* Input file: C:\MOBILE6\RUN\05ATTAIN\VMT_OFF\05_4P_CG (file 1, run 9).  *
*************************************************************************
  M603 Comment:
              User has disabled the calculation of REFUELING emissions.


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

* Reading I/M program description records from the following external
* data file: BT05IM.D
  M615 Comment:
              User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #
* urbanized principal arterial (270), 49.5
* File 1, Run 9, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  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.
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
  M 48 Warning:
              there are no sales for vehicle class HDGV8b

                   Calendar Year:  2005
                          Month:  July
                       Altitude:  Low
              Minimum Temperature:  72.3 (F)
              Maximum Temperature:  94.8 (F)
                Absolute Humidity:  123. grains/lb
                 Nominal Fuel RVP:   7.8 psi
                    Weathered RVP:   7.4 psi
```

```
            Fuel Sulfur Content:   92. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
             GVWR:               <6000     >6000     (All)
                       ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:    0.7645    0.1469    0.0256              0.0167    0.0015    0.0005    0.0383    0.0060    1.0000
 ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :     0.974     1.007     0.595     0.946     0.936     0.621     0.684     0.370      2.60     0.954
    Composite NOX :     0.758     0.851     0.858     0.852     4.712     1.579     1.260    10.767      1.05     1.227
 ---------------------------------------------------------------------------------------------------------------------
*************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                            *
* Input file: C:\MOBILE6\RUN\05ATTAIN\VMT_OFF\05_4P_CG (file 1, run 10).  *
*************************************************************************
  M603 Comment:
            User has disabled the calculation of REFUELING emissions.


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

* Reading I/M program description records from the following external
* data file: BT05IM.D
  M615 Comment:
            User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #
* urbanized minor arterial (290), 45.0
* File 1, Run 10, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  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.
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
  M 48 Warning:
            there are no sales for vehicle class HDGV8b

                 Calendar Year:  2005
                         Month:  July
                      Altitude:  Low
            Minimum Temperature:  72.3 (F)
            Maximum Temperature:  94.8 (F)
              Absolute Humidity:  123. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.4 psi
            Fuel Sulfur Content:   92. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
             GVWR:               <6000     >6000     (All)
                       ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:    0.7715    0.1709    0.0128              0.0121    0.0015    0.0003    0.0289    0.0020    1.0000
 ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :     0.999     1.030     0.607     1.001     1.011     0.638     1.023     0.397      2.62     0.985
    Composite NOX :     0.749     0.835     0.843     0.836     4.586     1.453     1.422    10.048      1.00     1.082
 ---------------------------------------------------------------------------------------------------------------------
*************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                            *
* Input file: C:\MOBILE6\RUN\05ATTAIN\VMT_OFF\05_4P_CG (file 1, run 11).  *
*************************************************************************
  M603 Comment:
            User has disabled the calculation of REFUELING emissions.


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

* Reading I/M program description records from the following external
* data file: BT05IM.D
  M615 Comment:
            User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #
* urbanized collector (310), 36.0
* File 1, Run 11, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  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.
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
  M 48 Warning:
            there are no sales for vehicle class HDGV8b

                 Calendar Year:  2005
                         Month:  July
                      Altitude:  Low
            Minimum Temperature:  72.3 (F)
            Maximum Temperature:  94.8 (F)
              Absolute Humidity:  123. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.4 psi
            Fuel Sulfur Content:   92. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:                <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:     0.7705    0.1619    0.0099              0.0121    0.0015    0.0002    0.0279    0.0160    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      1.057     1.079     0.633     1.054     1.174     0.694     1.193     0.469      2.76     1.068
    Composite NOX :      0.736     0.812     0.817     0.812     4.292     1.347     1.394     9.220      0.97     1.033
 ---------------------------------------------------------------------------------------------------------------------------
*****************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                                *
* Input file: C:\MOBILE6\RUN\05ATTAIN\VMT_OFF\05_4P_CG (file 1, run 12).  *
*****************************************************************************
  M603 Comment:
            User has disabled the calculation of REFUELING emissions.


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

* Reading I/M program description records from the following external
* data file: BT05IM.D
  M615 Comment:
            User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # # #
* urbanized local (330), 27.0
* File 1, Run 12, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # # #

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

  Reading User Supplied ROADWAY VMT Factors
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
  M 48 Warning:
            there are no sales for vehicle class HDGV8b

                 Calendar Year:  2005
                         Month:  July
                      Altitude:  Low
            Minimum Temperature:  72.3 (F)
            Maximum Temperature:  94.8 (F)
              Absolute Humidity:  123. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.4 psi
            Fuel Sulfur Content:   92. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:                <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:     0.7954    0.1589    0.0039              0.0073    0.0016    0.0002    0.0177    0.0150    1.0000
 ---------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      1.660     1.613     0.991     1.598     2.671     1.101     2.303     1.007      4.03     1.681
    Composite NOX :      0.777     0.804     0.805     0.804     3.465     1.789     2.258    11.096      0.79     0.986
 ---------------------------------------------------------------------------------------------------------------------------
```