Appendix H

MOBILE6 Files

2002 Input File

```
*
* July 1, 2002, Murray county, '02 reg. dist. (default for Class 8b), default VMT mix (02murray.in)
*
MOBILE6 INPUT FILE :

POLLUTANTS         : HC CO NOx
*PARTICULATES      :
*REPORT FILE       :
*DATABASE OUTPUT   :
*DATABASE OPTIONS  :
*WITH FIELDNAMES   :
*DATABASE EMISSIONS : 2222 2222
*DATABASE FACILITIES: Freeway Arterial Local Ramp None
*DATABASE VEHICLES  : 22222 22222222 2 222 22222222 222
*EMISSIONS TABLE   :

RUN DATA
>
* next lines show average hourly temp. for 10 highest Chattanooga ozone days 2000-2002
HOURLY TEMPERATURES: 68  72  77  81  84  87  89  91  92  92  92  91
                     88  84  80  78  76  73  71  70  69  68  66  66
*
* the Reid vapor pressure shown below is for ozone attainment areas
* and 8-hour ozone nonattainment areas
*
FUEL RVP           : 9.0

* registration distribution for Murray county
REG DIST           : 02murray.d

*_____________________________________________________________________
*
SCENARIO REC       : arterials/collectors, 40.0
> July 1, 2002, Murray county, '02 reg. dist. (default for Class 8b), default VMT mix (02murray.in)
*
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 7
* next lines show average hourly rel. humidity for 10 highest Chattanooga ozone days 2000-2002
RELATIVE HUMIDITY  : 84  73  63  54  49  43  39  37  35  34  34  36
                     42  51  60  65  70  78  79  81  83  83  87  88
* next line shows average daily barometric pressure for 10 highest Chattanooga ozone days 2000-2002
BAROMETRIC PRES    : 29.39
AVERAGE SPEED      : 40.0 Arterial 0.0 100.0 0.0 0.0

*_____________________________________________________________________
*
SCENARIO REC       : rural local, no speed input
> July 1, 2002, Murray county, '02 reg. dist. (default for Class 8b), default VMT mix (02murray.in)
*
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 7
RELATIVE HUMIDITY  : 84  73  63  54  49  43  39  37  35  34  34  36
                     42  51  60  65  70  78  79  81  83  83  87  88
BAROMETRIC PRES    : 29.39
*
* Note that 12.9 is the default MOBILE6 average speed for local streets.
*
AVERAGE SPEED      : 12.9 local

END OF RUN
```

2009 Input File

```
*
* July 1, 2009, Murray county, '02 reg. dist. (default for Class 8b), default VMT mix (09murray.in)
*
MOBILE6 INPUT FILE :

POLLUTANTS         : HC CO NOx
*PARTICULATES       :
*REPORT FILE        :
*DATABASE OUTPUT    :
*DATABASE OPTIONS   :
*WITH FIELDNAMES    :
*DATABASE EMISSIONS : 2222 2222
*DATABASE FACILITIES: Freeway Arterial Local Ramp None
*DATABASE VEHICLES  : 22222 22222222 2 222 22222222 222
*EMISSIONS TABLE    :

RUN DATA
>
* next lines show average hourly temp. for 10 highest Chattanooga ozone days 2000-2002
HOURLY TEMPERATURES: 68  72  77  81  84  87  89  91  92  92  92  91
                     88  84  80  78  76  73  71  70  69  68  66  66
*
* the Reid vapor pressure shown below is for ozone attainment areas
* and 8-hour ozone nonattainment areas
*
FUEL RVP           : 9.0

* registration distribution for Murray county
REG DIST           : 02murray.d

*_____________________________________________________________________
*
SCENARIO REC       : arterials/collectors, 40.0
> July 1, 2009, Murray county, '02 reg. dist. (default for Class 8b), default VMT mix (09murray.in)
*
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
* next lines show average hourly rel. humidity for 10 highest Chattanooga ozone days 2000-2002
RELATIVE HUMIDITY  : 84  73  63  54  49  43  39  37  35  34  34  36
                     42  51  60  65  70  78  79  81  83  83  87  88
* next line shows average daily barometric pressure for 10 highest Chattanooga ozone days 2000-2002
BAROMETRIC PRES    : 29.39
AVERAGE SPEED      : 40.0 Arterial 0.0 100.0 0.0 0.0

*_____________________________________________________________________
*
SCENARIO REC       : rural local, no speed input
> July 1, 2009, Murray county, '02 reg. dist. (default for Class 8b), default VMT mix (09murray.in)
*
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
RELATIVE HUMIDITY  : 84  73  63  54  49  43  39  37  35  34  34  36
                     42  51  60  65  70  78  79  81  83  83  87  88
BAROMETRIC PRES    : 29.39
*
* Note that 12.9 is the default MOBILE6 average speed for local streets.
*
AVERAGE SPEED      : 12.9 local

END OF RUN
```

2018 Input File

```
*
* July 1, 2018, Murray county, '02 reg. dist. (default for Class 8b), default VMT mix (18murray.in)
*
MOBILE6 INPUT FILE :

POLLUTANTS         : HC CO NOx
*PARTICULATES       :
*REPORT FILE        :
*DATABASE OUTPUT    :
*DATABASE OPTIONS   :
*WITH FIELDNAMES    :
*DATABASE EMISSIONS : 2222 2222
*DATABASE FACILITIES: Freeway Arterial Local Ramp None
*DATABASE VEHICLES  : 22222 22222222 2 222 22222222 222
*EMISSIONS TABLE    :

RUN DATA
>
* next lines show average hourly temp. for 10 highest Chattanooga ozone days 2000-2002
HOURLY TEMPERATURES: 68  72  77  81  84  87  89  91  92  92  92  91
                     88  84  80  78  76  73  71  70  69  68  66  66
*
* the Reid vapor pressure shown below is for ozone attainment areas
* and 8-hour ozone nonattainment areas
*
FUEL RVP           : 9.0

* registration distribution for Murray county
REG DIST           : 02murray.d

*_____________________________________________________________________
*
SCENARIO REC       : arterials/collectors, 40.0
> July 1, 2018, Murray county, '02 reg. dist. (default for Class 8b), default VMT mix (18murray.in)
*
CALENDAR YEAR      : 2018
EVALUATION MONTH   : 7
* next lines show average hourly rel. humidity for 10 highest Chattanooga ozone days 2000-2002
RELATIVE HUMIDITY  : 84  73  63  54  49  43  39  37  35  34  34  36
                     42  51  60  65  70  78  79  81  83  83  87  88
* next line shows average daily barometric pressure for 10 highest Chattanooga ozone days 2000-2002
BAROMETRIC PRES    : 29.39
AVERAGE SPEED      : 40.0 Arterial 0.0 100.0 0.0 0.0

*_____________________________________________________________________
*
SCENARIO REC       : rural local, no speed input
> July 1, 2018, Murray county, '02 reg. dist. (default for Class 8b), default VMT mix (18murray.in)
*
CALENDAR YEAR      : 2018
EVALUATION MONTH   : 7
RELATIVE HUMIDITY  : 84  73  63  54  49  43  39  37  35  34  34  36
                     42  51  60  65  70  78  79  81  83  83  87  88
BAROMETRIC PRES    : 29.39
*
* Note that 12.9 is the default MOBILE6 average speed for local streets.
*
AVERAGE SPEED      : 12.9 local

END OF RUN
```

2002 Output File

```
***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                              *
* Input file: 02MURRAY.IN (file 1, run 1).                                *
***************************************************************************
*

* Reading Registration Distributions from the following external
* data file: 02MURRAY.D
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)

* # # # # # # # # # # # # # # # # # # # # # # # # #
* arterials/collectors, 40.0
* File 1, Run 1, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
* July 1, 2002, Murray county, '02 reg. dist. (default for Class 8b), default VMT mix (02murray.in)
  M583 Warning:
            The user supplied arterial average speed of 40.0
            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.
  M 48 Warning:
              there are no sales for vehicle class HDGV8b

                    Calendar Year:  2002
                            Month:  July
                         Altitude:  Low
              Minimum Temperature:  66.0 (F)
              Maximum Temperature:  92.0 (F)
                Minimum Rel. Hum.:  34.0 (%)
                Maximum Rel. Hum.:  88.0 (%)
```

```
              Barometric Pressure: 29.39 (inches Hg)
                 Nominal Fuel RVP:   9.0 psi
                    Weathered RVP:   8.6 psi
              Fuel Sulfur Content:  279. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:                <6000     >6000     (All)
                      ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
   VMT Distribution:    0.4821    0.2538    0.1279              0.0382    0.0012    0.0029    0.0883    0.0056    1.0000
  ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      2.554     3.901     2.264     3.353     3.019    0.857     1.203     0.589      3.47     2.702
    Composite CO  :     24.13     38.30     24.74     33.76     27.18     1.747     1.994     2.804     13.11    25.889
    Composite NOX :      1.549     1.815     1.563     1.730     5.430    1.604     1.719    13.681      1.21     2.837
  ---------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # #
* rural local, no speed input
* File 1, Run 1, Scenario 2.
* # # # # # # # # # # # # # # # # # # # # # # # #
* July 1, 2002, Murray county, '02 reg. dist. (default for Class 8b), default VMT mix (02murray.in)
  M585 Warning:
            100% of VMT has been assigned to the local roadway
            type for all hours of the day for all vehicle types
            with an average speed of 12.9 mph.
  M 48 Warning:
              there are no sales for vehicle class HDGV8b

                   Calendar Year:  2002
                           Month:  July
                        Altitude:  Low
              Minimum Temperature:  66.0 (F)
              Maximum Temperature:  92.0 (F)
                Minimum Rel. Hum.:  34.0 (%)
                Maximum Rel. Hum.:  88.0 (%)
              Barometric Pressure: 29.39 (inches Hg)
                 Nominal Fuel RVP:   9.0 psi
                    Weathered RVP:   8.6 psi
              Fuel Sulfur Content:  279. ppm

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

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

VMT Distribution:	0.4821	0.2538	0.1279		0.0382	0.0012	0.0029	0.0883	0.0056	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	4.118	5.911	3.547	5.119	6.980	1.446	1.944	1.391	4.94	4.363
Composite CO :	20.83	38.68	23.15	33.47	79.95	3.104	3.359	8.259	32.30	26.796
Composite NOX :	1.597	1.768	1.516	1.684	4.329	2.095	2.238	14.839	0.97	2.903

2009 Output File

```
****************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                               *
* Input file: 09MURRAY.IN (file 2, run 1).                                 *
****************************************************************************
*

* Reading Registration Distributions from the following external
* data file: 02MURRAY.D
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)

* # # # # # # # # # # # # # # # # # # # # # # # # #
* arterials/collectors, 40.0
* File 2, Run 1, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
* July 1, 2009, Murray county, '02 reg. dist. (default for Class 8b), default VMT mix (09murray.in)
  M583 Warning:
            The user supplied arterial average speed of 40.0
            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.
  M 48 Warning:
              there are no sales for vehicle class HDGV8b

                    Calendar Year:  2009
                            Month:  July
                         Altitude:  Low
              Minimum Temperature:  66.0 (F)
              Maximum Temperature:  92.0 (F)
                Minimum Rel. Hum.:  34.0 (%)
                Maximum Rel. Hum.:  88.0 (%)
```

```
              Barometric Pressure: 29.39 (inches Hg)
                 Nominal Fuel RVP:   9.0 psi
                    Weathered RVP:   8.6 psi
              Fuel Sulfur Content:   30. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:                <6000     >6000     (All)
                      ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
   VMT Distribution:    0.3847    0.3172    0.1591              0.0387    0.0004    0.0023    0.0925    0.0051    1.0000
  ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      1.461     2.475     1.394     2.114     1.684    0.401     0.436     0.360      3.39     1.686
    Composite CO  :     12.21     18.86     13.27     16.99      7.81    1.174     0.685     1.546     13.11    13.304
    Composite NOX :      0.882     1.408     1.243     1.353     3.188    0.767     0.765     7.086      1.21     1.771
  ---------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # #
* rural local, no speed input
* File 2, Run 1, Scenario 2.
* # # # # # # # # # # # # # # # # # # # # # # # #
* July 1, 2009, Murray county, '02 reg. dist. (default for Class 8b), default VMT mix (09murray.in)
  M585 Warning:
            100% of VMT has been assigned to the local roadway
            type for all hours of the day for all vehicle types
            with an average speed of 12.9 mph.
  M 48 Warning:
              there are no sales for vehicle class HDGV8b

                    Calendar Year:  2009
                           Month:  July
                        Altitude:  Low
              Minimum Temperature:  66.0 (F)
              Maximum Temperature:  92.0 (F)
                Minimum Rel. Hum.:  34.0 (%)
                Maximum Rel. Hum.:  88.0 (%)
              Barometric Pressure: 29.39 (inches Hg)
                 Nominal Fuel RVP:   9.0 psi
                    Weathered RVP:   8.6 psi
              Fuel Sulfur Content:   30. ppm

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

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

VMT Distribution:	0.3847	0.3172	0.1591		0.0387	0.0004	0.0023	0.0925	0.0051	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	2.321	3.682	2.120	3.160	3.189	0.682	0.814	0.850	4.85	2.627
Composite CO :	11.15	18.84	13.06	16.91	22.96	2.174	1.391	4.553	32.30	13.821
Composite NOX :	0.922	1.392	1.241	1.341	2.541	1.003	1.005	8.643	0.97	1.899

2018 Output File

```
***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                              *
* Input file: 18MURRAY.IN (file 3, run 1).                                *
***************************************************************************
*

* Reading Registration Distributions from the following external
* data file: 02MURRAY.D
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)
  M 49 Warning:
                1.00     MYR sum not = 1. (will normalize)

* # # # # # # # # # # # # # # # # # # # # # # # # #
* arterials/collectors, 40.0
* File 3, Run 1, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
* July 1, 2018, Murray county, '02 reg. dist. (default for Class 8b), default VMT mix (18murray.in)
  M583 Warning:
           The user supplied arterial average speed of 40.0
           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.
  M 48 Warning:
             there are no sales for vehicle class HDGV8b
  M 48 Warning:
             there are no sales for vehicle class LDDT12

                   Calendar Year:  2018
                           Month:  July
                        Altitude:  Low
             Minimum Temperature:  66.0 (F)
             Maximum Temperature:  92.0 (F)
```

```
                Minimum Rel. Hum.:  34.0 (%)
                Maximum Rel. Hum.:  88.0 (%)
              Barometric Pressure: 29.39 (inches Hg)
                 Nominal Fuel RVP:   9.0 psi
                    Weathered RVP:   8.6 psi
              Fuel Sulfur Content:   30. ppm

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

      Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
              GVWR:                <6000     >6000     (All)
                       ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
   VMT Distribution:    0.3091    0.3656    0.1833              0.0394    0.0003    0.0027    0.0947    0.0049    1.0000
  ---------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      0.685     1.072     0.661     0.935     0.756    0.088     0.195     0.235      3.37     0.794
    Composite CO  :      7.97     12.31      9.06     11.23      5.80     0.636     0.387     0.462     13.11     8.964
    Composite NOX :      0.451     0.908     0.711     0.842     1.198    0.119     0.260     2.120      1.21     0.856
  ---------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # #
* rural local, no speed input
* File 3, Run 1, Scenario 2.
* # # # # # # # # # # # # # # # # # # # # # # # #
* July 1, 2018, Murray county, '02 reg. dist. (default for Class 8b), default VMT mix (18murray.in)
  M585 Warning:
            100% of VMT has been assigned to the local roadway
            type for all hours of the day for all vehicle types
            with an average speed of 12.9 mph.
  M 48 Warning:
              there are no sales for vehicle class HDGV8b
  M 48 Warning:
              there are no sales for vehicle class LDDT12

                    Calendar Year:  2018
                            Month:  July
                         Altitude:  Low
              Minimum Temperature:  66.0 (F)
              Maximum Temperature:  92.0 (F)
                Minimum Rel. Hum.:  34.0 (%)
                Maximum Rel. Hum.:  88.0 (%)
              Barometric Pressure: 29.39 (inches Hg)
                 Nominal Fuel RVP:   9.0 psi
                    Weathered RVP:   8.6 psi
              Fuel Sulfur Content:   30. ppm

              Exhaust I/M Program:  No
                 Evap I/M Program:  No
                      ATP Program:  No
```

Reformulated Gas: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3091	0.3656	0.1833		0.0394	0.0003	0.0027	0.0947	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.106	1.540	1.013	1.364	1.421	0.158	0.354	0.554	4.84	1.224
Composite CO :	8.23	12.78	9.44	11.66	17.06	1.253	0.785	1.362	32.30	9.907
Composite NOX :	0.488	0.917	0.711	0.848	0.955	0.156	0.341	2.681	0.97	0.914

Murray County Registration Distribution Input (02murray.d)

```
REG DIST
*
* The file REGDATA.D contains the default MOBILE6 values for the distribution of
* vehicles by age for July of any calendar year.  There are sixteeen (16)
* sets of values representing 16 combined gasoline/diesel vehicle class
* distributions.  These distributions are split for gasoline and diesel
* using the separate input (or default) values for diesel sales fractions.
* Each distribution contains 25 values which represent the fraction of
* all vehicles in that class (gasoline and diesel) of that age in July.
* The first number is for age 1 (calendar year minus model year plus one)
* and the last number is for age 25.  The last age includes all vehicles
* of age 25 or older.  The first number in each distribution is an integer
* which indicates which of the 16 vehicle classes are represented by the
* distribution.  The sixteen vehicle classes are:
*
*  1  LDV    Light-Duty Vehicles (Passenger Cars)
*  2  LDT1   Light-Duty Trucks 1 (0-6,000 lbs. GVWR, 0-3750 lbs. LVW)
*  3  LDT2   Light Duty Trucks 2 (0-6,001 lbs. GVWR, 3751-5750 lbs. LVW)
*  4  LDT3   Light Duty Trucks 3 (6,001-8500 lbs. GVWR, 0-3750 lbs. LVW)
*  5  LDT4   Light Duty Trucks 4 (6,001-8500 lbs. GVWR, 3751-5750 lbs. LVW)
*  6  HDV2B  Class 2b Heavy Duty Vehicles (8501-10,000 lbs. GVWR)
*  7  HDV3   Class 3 Heavy Duty Vehicles (10,001-14,000 lbs. GVWR)
*  8  HDV4   Class 4 Heavy Duty Vehicles (14,001-16,000 lbs. GVWR)
*  9  HDV5   Class 5 Heavy Duty Vehicles (16,001-19,500 lbs. GVWR)
* 10  HDV6   Class 6 Heavy Duty Vehicles (19,501-26,000 lbs. GVWR)
* 11  HDV7   Class 7 Heavy Duty Vehicles (26,001-33,000 lbs. GVWR)
* 12  HDV8A  Class 8a Heavy Duty Vehicles (33,001-60,000 lbs. GVWR)
* 13  HDV8B  Class 8b Heavy Duty Vehicles (>60,000 lbs. GVWR)
* 14  HDBS   School Busses
* 15  HDBT   Transit and Urban Busses
* 16  MC     Motorcycles (All)
*
* The 25 age values are arranged in two rows of 10 values followed by a row
* with the last 5 values.  Comments (such as this one) are indicated by
* an asterisk in the first column. Empty rows are ignored.  Values are
* read "free format," meaning any number may appear in any row with as
* many characters as needed (including a decimal) as long as 25 values
* follow the initial integer value separated by a space.
*
* If all 16 vehicle classes do not need to be altered from the default
* values, then only the vehicle classes that need to be changed need to
* be included in this file.  The order in which the vehicle classes are
* read does not matter, however each vehicle class set must contain 25
* values and be in the proper age order.
* ------------------------------------------------------------------------
*
* This file specifies the local registration distribution by age
* (MOBILE6 defaults for heavy-heavy-duties) for the county where
* the Fort Mountain State Park nonattainment area is:
*
* Murray.
*
* Sources of registration data:  R. L. Polk & Co.'s National Vehicle
* Population Profile (R) as of October 2002 and R. L. Polk & Co.'s
* TIPNet (R) as of March 2003.
*
* LDV
1  0.0066  0.0334  0.0425  0.0576  0.0505  0.0547  0.0563  0.0597  0.0692  0.0604
   0.0656  0.0578  0.0547  0.0470  0.0503  0.0427  0.0342  0.0308  0.0254  0.0200
   0.0115  0.0061  0.0053  0.0056  0.0521

* LDT1
2  0.0095  0.0663  0.0623  0.0623  0.0550  0.0575  0.0573  0.0645  0.0694  0.0671
   0.0630  0.0477  0.0369  0.0287  0.0376  0.0419  0.0360  0.0271  0.0224  0.0164
   0.0107  0.0043  0.0025  0.0035  0.0499
```

```
* LDT2
3  0.0006  0.0011  0.0056  0.0246  0.0302  0.0610  0.0649  0.0000  0.0201  0.0325
   0.0364  0.0353  0.0403  0.0576  0.0778  0.0856  0.0481  0.0755  0.0632  0.0744
   0.0476  0.0593  0.0582  0.0000  0.0000

* LDT3
4  0.0331  0.0762  0.0823  0.0872  0.0904  0.0476  0.0664  0.0651  0.0804  0.0625
   0.0305  0.0334  0.0146  0.0204  0.0201  0.0240  0.0272  0.0275  0.0444  0.0275
   0.0172  0.0123  0.0097  0.0000  0.0000

* LDT4
5  0.0022  0.0195  0.0195  0.0282  0.0542  0.0477  0.0586  0.0390  0.0738  0.0759
   0.0607  0.0629  0.0477  0.0412  0.0716  0.0694  0.0369  0.0477  0.0325  0.0499
   0.0325  0.0087  0.0195  0.0000  0.0000

* HDV2B
6  0.0377  0.0866  0.0490  0.0565  0.0546  0.0151  0.0546  0.0527  0.0414  0.0659
   0.0433  0.0490  0.0282  0.0264  0.0301  0.0527  0.0282  0.0452  0.0565  0.0490
   0.0358  0.0282  0.0113  0.0000  0.0019

* HDV3
7  0.0267  0.0833  0.1433  0.0500  0.0833  0.0300  0.0600  0.0433  0.0433  0.0500
   0.0267  0.0100  0.0067  0.0433  0.0300  0.0167  0.0333  0.0467  0.0300  0.0233
   0.0267  0.0267  0.0067  0.0067  0.0533

* HDV4
8  0.0000  0.0326  0.0435  0.0326  0.0435  0.0652  0.0978  0.0109  0.0326  0.0217
   0.0543  0.0217  0.0435  0.0435  0.0761  0.0978  0.0543  0.0109  0.0326  0.0543
   0.0326  0.0000  0.0000  0.0000  0.0978

* HDV5
9  0.0000  0.0175  0.1053  0.0702  0.0526  0.0175  0.1228  0.0000  0.0175  0.0000
   0.0000  0.0351  0.0000  0.0000  0.0000  0.0000  0.0000  0.0175  0.0175  0.0175
   0.0526  0.0000  0.0175  0.0000  0.4386

* HDV6
10 0.0030  0.0030  0.0121  0.0453  0.0242  0.0242  0.0242  0.0272  0.0363  0.0181
   0.0151  0.0121  0.0030  0.0151  0.0181  0.0181  0.0483  0.0302  0.0211  0.0302
   0.0211  0.0181  0.0091  0.0121  0.5106

* HDV7
11 0.0000  0.0076  0.0076  0.0152  0.0000  0.0076  0.0303  0.0000  0.0682  0.0227
   0.0303  0.0303  0.0530  0.0606  0.0303  0.0909  0.0530  0.0758  0.0909  0.0530
   0.0227  0.0530  0.0455  0.0530  0.0985

* HDV8A
12 0.0046  0.1261  0.0550  0.0642  0.0321  0.0482  0.0344  0.0505  0.0550  0.0528
   0.0298  0.0528  0.0482  0.0367  0.0528  0.0596  0.0229  0.0390  0.0413  0.0298
   0.0161  0.0115  0.0046  0.0069  0.0252

* HDV8B
*13 0.0204  0.0000  0.0544  0.0612  0.0544  0.0408  0.0408  0.0272  0.0680  0.0068
*   0.0340  0.0068  0.0136  0.0340  0.0272  0.0408  0.0136  0.0884  0.0408  0.0204
*   0.0204  0.0136  0.0204  0.0068  0.2449

* HDBS
14 0.0549  0.0440  0.0330  0.0440  0.0549  0.0110  0.0549  0.0769  0.0769  0.0440
   0.0440  0.0989  0.0549  0.0659  0.0110  0.0769  0.0330  0.0000  0.0220  0.0000
   0.0220  0.0110  0.0110  0.0110  0.0440

* HDBT
15 0.0000  0.0000  0.0000  0.0000  0.0000  0.0000  1.0000  0.0000  0.0000  0.0000
   0.0000  0.0000  0.0000  0.0000  0.0000  0.0000  0.0000  0.0000  0.0000  0.0000
   0.0000  0.0000  0.0000  0.0000  0.0000

* MC
16 0.0016  0.0966  0.1293  0.0841  0.0514  0.0561  0.0483  0.0561  0.0530  0.0343
   0.0312  0.3583  0.0000  0.0000  0.0000  0.0000  0.0000  0.0000  0.0000  0.0000
   0.0000  0.0000  0.0000  0.0000  0.0000
```