

# Mobile6 Input Files - 2005 & 2007

## Pittsburgh - Low Enhanced Performance Standard I/M Program

### MOBILE6 INPUT FILE

```
REPORT FILE      : m6output.out          REPLACE
DATABASE OUTPUT  :
WITH FIELDNAMES  :
EMISSIONS TABLE : M6OUTPUT_ALLE07A.TB1  REPLACE
POLLUTANTS      : HC CO NOX
AGGREGATED OUTPUT :
RUN DATA       : 0021

MIN/MAX TEMPERATURE: 65.1  89.4
94+ LDG IMP       : NLEVNE.D
FUEL RVP         : 7.8
EXPRESS HC AS VOC :
EXPAND EXHAUST   :
EXPAND EVAPORATIVE :
NO REFUELING     :
REG DISTRIBUTION  : ALLE02ag.dat
I/M PROGRAM      : 1 1995 2050 1 T/O IDLE
I/M PROGRAM      : 2 2002 2050 1 T/O OBD I/M
I/M PROGRAM      : 3 2002 2050 1 T/O EVAP OBD
I/M MODEL YEARS  : 1 1968 1995
I/M MODEL YEARS  : 2 1996 2050
I/M MODEL YEARS  : 3 1996 2050
I/M VEHICLES     : 1 22222 11111111 1
I/M VEHICLES     : 2 22222 11111111 1
I/M VEHICLES     : 3 22222 11111111 1
I/M STRINGENCY   : 1 20
I/M STRINGENCY   : 2 20
I/M STRINGENCY   : 3 20
I/M COMPLIANCE   : 1 96.0
I/M COMPLIANCE   : 2 96.0
I/M COMPLIANCE   : 3 96.0
I/M WAIVER RATES : 1 3.0 3.0
I/M WAIVER RATES : 2 3.0 3.0
I/M WAIVER RATES : 3 3.0 3.0
ANTI-TAMP PROGRAM : 95 72 50 22222 11111111 1 11 096. 11112111

SCENARIO RECORD  :[02 0021]  2
CALENDAR YEAR    : 2007
EVALUATION MONTH : 7
ABSOLUTE HUMIDITY : 78.0
SEASON          : 1
VMT FRACTIONS    :
                  .403907 .084059 .279498 .086126 .039646 .032482 .003194 .002607
                  .001932 .007222 .008567 .009324 .033246 .001679 .000757 .005754
VMT BY FACILITY  :V002102F.def
VMT BY HOUR      :V002102H.def
SPEED VMT       :V002102S.def
END OF RUN      :
```

*(Scenarios repeated for each Area, Functional Class Combination)*

# Pittsburgh - OBD PA97 I/M Program

MOBILE6 INPUT FILE

REPORT FILE : m6output.out REPLACE  
DATABASE OUTPUT :  
WITH FIELDNAMES :  
EMISSIONS TABLE : M6OUTPUT\_ALLE07A.TB1 REPLACE  
POLLUTANTS : HC CO NOX  
AGGREGATED OUTPUT :  
RUN DATA : 0021

MIN/MAX TEMPERATURE: 65.1 89.4  
94+ LDG IMP : NLEVNE.D  
FUEL RVP : 7.8  
EXPRESS HC AS VOC :  
EXPAND EXHAUST :  
EXPAND EVAPORATIVE :  
NO REFUELING :  
REG DISTRIBUTION : ALLE02ag.dat  
I/M PROGRAM : 1 2004 2050 1 TRC OBD I/M  
I/M PROGRAM : 2 1997 2050 1 TRC 2500/IDLE  
I/M PROGRAM : 3 2004 2050 1 TRC EVAP OBD & GC  
I/M PROGRAM : 4 1997 2050 1 TRC GC  
I/M PROGRAM : 5 1984 2050 1 TRC IDLE  
I/M MODEL YEARS : 1 1996 2050  
I/M MODEL YEARS : 2 1981 1995  
I/M MODEL YEARS : 3 1996 2050  
I/M MODEL YEARS : 4 1975 1995  
I/M MODEL YEARS : 5 1975 1980  
I/M VEHICLES : 1 22222 11111111 1  
I/M VEHICLES : 2 22222 11111111 1  
I/M VEHICLES : 3 22222 11111111 1  
I/M VEHICLES : 4 22222 11111111 1  
I/M VEHICLES : 5 22222 11111111 1  
I/M STRINGENCY : 1 20  
I/M STRINGENCY : 2 20  
I/M STRINGENCY : 5 20  
I/M COMPLIANCE : 1 96.0  
I/M COMPLIANCE : 2 96.0  
I/M COMPLIANCE : 3 96.0  
I/M COMPLIANCE : 4 96.0  
I/M COMPLIANCE : 5 96.0  
I/M WAIVER RATES : 1 3.0 3.0  
I/M WAIVER RATES : 2 3.0 3.0  
I/M WAIVER RATES : 3 3.0 3.0  
I/M WAIVER RATES : 4 3.0 3.0  
I/M WAIVER RATES : 5 3.0 3.0  
I/M EFFECTIVENES : 1.00 1.00 1.00  
ANTI-TAMP PROGRAM : 97 75 50 22222 11111111 1 11 096. 22212222

SCENARIO RECORD :[02 0021] 2  
CALENDAR YEAR : 2007  
EVALUATION MONTH : 7  
ABSOLUTE HUMIDITY : 78.0  
SEASON : 1  
VMT FRACTIONS :  
          .403907 .084059 .279498 .086126 .039646 .032482 .003194 .002607  
          .001932 .007222 .008567 .009324 .033246 .001679 .000757 .005754  
VMT BY FACILITY :V002102F.def  
VMT BY HOUR :V002102H.def  
SPEED VMT :V002102S.def  
END OF RUN :

*(Scenarios repeated for each Area, Functional Class Combination)*

# Philadelphia - High Enhanced Performance Standard I/M Program

## MOBILE6 INPUT FILE

REPORT FILE : m6output.out REPLACE  
DATABASE OUTPUT :  
WITH FIELDNAMES :  
EMISSIONS TABLE : M6OUTPUT\_BUCK07A.TB1 REPLACE  
POLLUTANTS : HC CO NOX  
AGGREGATED OUTPUT :  
RUN DATA : 0091

MIN/MAX TEMPERATURE: 70.7 93.4  
94+ LDG IMP : NLEVNE.D  
FUEL PROGRAM : 2 N  
FUEL RVP : 8.7  
EXPRESS HC AS VOC :  
EXPAND EXHAUST :  
EXPAND EVAPORATIVE :  
NO REFUELING :  
REG DISTRIBUTION : BUCK02ag.dat  
I/M PROGRAM : 1 1983 2050 1 T/O IDLE  
I/M PROGRAM : 2 1983 2050 1 T/O 2500/IDLE  
I/M PROGRAM : 3 1983 2050 1 T/O IM240  
I/M PROGRAM : 4 1983 2050 1 T/O IM240  
I/M PROGRAM : 5 1983 2050 1 T/O FP & GC  
I/M PROGRAM : 6 2002 2050 1 T/O OBD I/M  
I/M PROGRAM : 7 2002 2050 1 T/O EVAP OBD  
I/M CUTPOINTS : 3 CUTLDV.07 (*Different Cutpoint files for 05 and 07*)  
I/M CUTPOINTS : 4 CUTLDT.07  
I/M MODEL YEARS : 1 1968 1980  
I/M MODEL YEARS : 2 1981 1985  
I/M MODEL YEARS : 3 1986 1995  
I/M MODEL YEARS : 4 1986 1995  
I/M MODEL YEARS : 5 1983 1995  
I/M MODEL YEARS : 6 1996 2050  
I/M MODEL YEARS : 7 1996 2050  
I/M VEHICLES : 1 22222 11111111 1  
I/M VEHICLES : 2 22222 11111111 1  
I/M VEHICLES : 3 21111 11111111 1  
I/M VEHICLES : 4 12222 11111111 1  
I/M VEHICLES : 5 22222 11111111 1  
I/M VEHICLES : 6 22222 11111111 1  
I/M VEHICLES : 7 22222 11111111 1  
I/M STRINGENCY : 1 20  
I/M STRINGENCY : 2 20  
I/M STRINGENCY : 3 20  
I/M STRINGENCY : 4 20  
I/M STRINGENCY : 6 20  
I/M COMPLIANCE : 1 96.0  
I/M COMPLIANCE : 2 96.0  
I/M COMPLIANCE : 3 96.0  
I/M COMPLIANCE : 4 96.0  
I/M COMPLIANCE : 5 96.0  
I/M COMPLIANCE : 6 96.0  
I/M COMPLIANCE : 7 96.0  
I/M WAIVER RATES : 1 3.0 3.0  
I/M WAIVER RATES : 2 3.0 3.0  
I/M WAIVER RATES : 3 3.0 3.0  
I/M WAIVER RATES : 4 3.0 3.0

I/M WAIVER RATES : 5 3.0 3.0  
I/M WAIVER RATES : 6 3.0 3.0  
I/M WAIVER RATES : 7 3.0 3.0  
I/M EFFECTIVENES : 1.00 1.00 1.00  
ANTI-TAMP PROGRAM : 83 72 50 22222 11111111 1 11 096. 12212111

SCENARIO RECORD :[01 0091] 1  
CALENDAR YEAR :2007  
EVALUATION MONTH : 7  
ABSOLUTE HUMIDITY : 72.6  
SEASON : 1  
VMT FRACTIONS :  
.380905 .079266 .263574 .081218 .037388 .048955 .004810 .003926  
.002908 .010884 .012908 .014050 .050113 .002526 .001142 .005427  
VMT BY FACILITY :V009101F.def  
VMT BY HOUR :V009101H.def  
SPEED VMT :V009101S.def  
END OF RUN :

*(Scenarios repeated for each Area, Functional Class Combination)*

# Philadelphia - OBD PA97 I/M Program

MOBILE6 INPUT FILE

REPORT FILE : m6output.out REPLACE  
DATABASE OUTPUT :  
WITH FIELDNAMES :  
EMISSIONS TABLE : M6OUTPUT\_BUCK07A.TB1 REPLACE  
POLLUTANTS : HC CO NOX  
AGGREGATED OUTPUT :  
RUN DATA : 0091

MIN/MAX TEMPERATURE: 70.7 93.4  
94+ LDG IMP : NLEVNE.D  
FUEL PROGRAM : 2 N  
FUEL RVP : 8.7  
EXPRESS HC AS VOC :  
EXPAND EXHAUST :  
EXPAND EVAPORATIVE :  
NO REFUELING :  
REG DISTRIBUTION : BUCK02ag.dat  
I/M PROGRAM : 1 2004 2050 1 TRC OBD I/M  
I/M PROGRAM : 2 1997 2050 1 TRC ASM 5015 FINAL  
I/M PROGRAM : 3 2004 2050 1 TRC EVAP OBD & GC  
I/M PROGRAM : 4 1997 2050 1 TRC GC  
I/M MODEL YEARS : 1 1996 2050  
I/M MODEL YEARS : 2 1981 1995  
I/M MODEL YEARS : 3 1996 2050  
I/M MODEL YEARS : 4 1975 1995  
I/M VEHICLES : 1 22222 11111111 1  
I/M VEHICLES : 2 22222 11111111 1  
I/M VEHICLES : 3 22222 11111111 1  
I/M VEHICLES : 4 22222 11111111 1  
I/M STRINGENCY : 1 20  
I/M STRINGENCY : 2 20  
I/M COMPLIANCE : 1 96.0  
I/M COMPLIANCE : 2 96.0  
I/M COMPLIANCE : 3 96.0  
I/M COMPLIANCE : 4 96.0  
I/M WAIVER RATES : 1 3.0 3.0  
I/M WAIVER RATES : 2 3.0 3.0  
I/M WAIVER RATES : 3 3.0 3.0  
I/M WAIVER RATES : 4 3.0 3.0  
I/M EFFECTIVENES : 1.00 1.00 1.00  
ANTI-TAMP PROGRAM : 97 75 50 22222 11111111 1 11 096. 22212222

SCENARIO RECORD :[01 0091] 1  
CALENDAR YEAR :2007  
EVALUATION MONTH : 7  
ABSOLUTE HUMIDITY : 72.6  
SEASON : 1  
VMT FRACTIONS :  
.380905 .079266 .263574 .081218 .037388 .048955 .004810 .003926  
.002908 .010884 .012908 .014050 .050113 .002526 .001142 .005427  
VMT BY FACILITY :V009101F.def  
VMT BY HOUR :V009101H.def  
SPEED VMT :V009101S.def  
END OF RUN :

*(Scenarios repeated for each Area, Functional Class Combination)*