

Appendix C, Exhibit 5
C5-1

```
*
* 7-1-02, 13-county area, '02 reg. dist., default VMT mix (02atl13a.in)
*
MOBILE6 INPUT FILE :

RUN DATA
>
*
* next lines show average hourly temp. for 10 highest Atlanta ozone days 2000-2002
HOURLY TEMPERATURES: 74 77 81 84 86 88 90 91 92 92 91 90
                     88 86 83 82 80 78 76 75 74 73 72 72
*
* Reid vapor pressure of 7.0 psi is a requirement for Georgia gasoline, Phases 1 and 2
*
FUEL RVP           : 7.0

STAGE II REFUELING :
92 3 81. 81.

FUEL PROGRAM       : 4
 150.0 150.0 150.0 90.0 30.0 30.0 30.0 30.0
 30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0
1000.0 1000.0 1000.0 1000.0 150.0 150.0 87.0 87.0
 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0
*
* In 1999 there were 25 counties with Phase 1 Georgia gasoline. These counties included
* the 13-county Atlanta ozone nonattainment area: Cherokee (13057), Clayton (13063),
* Cobb (13067), Coweta (13077), DeKalb (13089), Douglas (13097), Fayette (13113),
* Forsyth (13117), Fulton (13121), Gwinnett (13135), Henry (13151), Paulding (13223),
* and Rockdale (13247);
*
* ...plus 12 attainment area counties: Barrow (13013), Bartow (13015),
* Butts (13035), Carroll (13045), Dawson (13085), Hall (13139), Haralson (13143),
* Jackson (13157), Newton (13217), Pickens (13227), Spalding (13255), and
* Walton (13297).
*
* In 2003 there were 20 additional attainment area counties with fuel controls
* (Phase 2): Banks (13011), Chattooga (13055), Clarke (13059), Floyd (13115),
* Gordon (13129), Heard (13149), Jasper (13159), Jones (13169), Lamar (13171),
* Lumpkin (13187), Madison (13195), Meriwether (13199), Monroe (13207), Morgan (13211),
* Oconee (13219), Pike (13231), Polk (13233), Putnam (13237), Troup (13285), and
* Upson (13293);
*
* ...for a total of 45 counties with 7.0 psi RVP/low sulfur Georgia gasoline.
*
* Georgia gasoline, Phase 1
* 150 ppm average sulfur June 1 through September 15, 352 average rest
* of year until, effectively, June 1, 2003.
*
* Georgia gasoline, Phase 2
* a. 90 ppm average sulfur, 200 ppm per-gallon cap, effective 6-1-03.
*
* b. 30 ppm average sulfur, year round effective 9-16-03; 150 ppm per-gallon cap.
*
* c. Seasonal 80 ppm per-gallon cap effective 6-1-04 for the period June 1 through
* September 15.
*

REG DIST           : 02regis2.d

ANTI-TAMP PROG    :
82 75 95 22222 11111111 1 11 097. 12111111
```

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* The external data file "im-info.d" is for 2002 and later evaluation dates;
* "iminfo-p.d" is identical to "im-info.d" but with phase-in ASM cutpoints
*

I/M DESCRIPT FILE : iminfo-p.d

* I/M notes:

* Annual inspections began in calendar year (CY) 2000.

* Beginning in CY 2001, the three newest model years were exempted from testing and
* "newer vehicles" were redefined as 1996 and newer model years.

* In CY 2002, single-mode ASM on "older vehicles" ('75 - '95) was replaced with
* 2-mode ASM. Newer vehicles were tested with OBD II.

* The vehicles covered by I/M are effectively those in a 25-model-year "rolling window"
* because "an antique or collector car or truck 25 years old and older" is exempt from
* inspection [Enhanced Inspection and Maintenance Rules, Chapter 391-3-20-.03(9)(b)].
* However, from CY 2000 on there is no difference in emission factors whether specifying
* that 1975 and newer vehicles are subject or that vehicles 25 model years old and older
* are exempt -- MOBILE only calculates emission factors for, effectively, 25 model years.

SCENARIO REC : arterial, 13-county area, 2002, 2.5 mph
* 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02atl13a.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7

* next lines show average hourly rel. humidity for 10 highest Atlanta ozone days 2000-2002

RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77

* next line shows average daily barometric pressure for 10 highest Atlanta ozone days 2000-2002

BAROMETRIC PRES : 28.98
AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO REC : arterial, 13-county area, 2002, 3 mph
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02atl13a.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 3 Arterial 0.0 100.0 0.0 0.0

[scenarios for 4 mph through 64 mph not shown]

SCENARIO REC : arterial, 13-county area, 2002, 65 mph
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02atl13a.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 65 Arterial 0.0 100.0 0.0 0.0

SCENARIO REC : local, 13-county area, 2002, no speed input
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02atl13a.in)
CALENDAR YEAR : 2002

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EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
 : 44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
* Note that 12.9 is the default MOBILE6 average speed for local streets.
*

AVERAGE SPEED : 12.9 local
*
*

SCENARIO REC : ramps, 13-county area, 2002, no speed input
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02at113a.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
 : 44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
* Note that 34.6 is the default MOBILE6 average speed for ramps.
*
AVERAGE SPEED : 34.6 ramp

END OF RUN

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*
* 7-1-02, 13-county area, '02 reg. dist., default VMT mix (02atl13f.in)
*
MOBILE6 INPUT FILE :

RUN DATA
>
*
* next lines show average hourly temp. for 10 highest Atlanta ozone days 2000-2002
HOURLY TEMPERATURES: 74 77 81 84 86 88 90 91 92 92 91 90
 88 86 83 82 80 78 76 75 74 73 72 72
*
* Reid vapor pressure of 7.0 psi is a requirement for Georgia gasoline, Phases 1 and 2
*
FUEL RVP : 7.0

STAGE II REFUELING :
92 3 81. 81.

FUEL PROGRAM : 4
 150.0 150.0 150.0 90.0 30.0 30.0 30.0 30.0
 30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0
 1000.0 1000.0 1000.0 1000.0 150.0 150.0 87.0 87.0
 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0

[redundant comments not shown]

REG DIST : 02regis2.d

ANTI-TAMP PROG :
82 75 95 22222 11111111 1 11 097. 12111111

* The external data file "im-info.d" is for 2002 and later evaluation dates;
* "imininfo-p.d" is identical to "im-info.d" but with phase-in ASM cutpoints
*

I/M DESCRIPT FILE : iminfo-p.d
*

[redundant comments not shown]

*
SCENARIO REC : freeway, 13-county area, 2002, 2.5 mph
* 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02atl13f.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
* next lines show average hourly rel. humidity for 10 highest Atlanta ozone days 2000-2002
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
 44 49 53 57 61 65 69 70 72 75 78 77
* next line shows average daily barometric pressure for 10 highest Atlanta ozone days 2000-2002
BAROMETRIC PRES : 28.98
AVERAGE SPEED : 2.5 Non-Ramp 100.0 0.0 0.0 0.0
*

*
SCENARIO REC : freeway, 13-county area, 2002, 3 mph
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02atl13f.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
 44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 3 Non-Ramp 100.0 0.0 0.0 0.0
*

[scenarios for 4 mph through 64 mph not shown]

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*
*
SCENARIO REC : freeway, 13-county area, 2002, 65 mph
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02atl13f.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
 44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

*
*
END OF RUN

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*
* 7-1-02, 7-county area, '02 reg. dist. (default for Class 8b), default VMT mix (02atl7-a.in)
*
MOBILE6 INPUT FILE :

RUN DATA

>
*
* next lines show average hourly temp. for 10 highest Atlanta ozone days 2000-2002
HOURLY TEMPERATURES: 74 77 81 84 86 88 90 91 92 92 91 90
88 86 83 82 80 78 76 75 74 73 72 72

*
* Reid vapor pressure of 7.0 psi is a requirement for Georgia gasoline, Phases 1 and 2
*

FUEL RVP : 7.0

FUEL PROGRAM : 4
150.0 150.0 150.0 90.0 30.0 30.0 30.0 30.0
30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0
1000.0 1000.0 1000.0 1000.0 150.0 150.0 87.0 87.0
80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0

[redundant comments not shown]

REG DIST : 02atl_7.d

*
*
SCENARIO REC : arterial, 7 Atlanta ring counties, 2002, 2.5 mph
* 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02atl7-a.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
* next lines show average hourly rel. humidity for 10 highest Atlanta ozone days 2000-2002
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77

* next line shows average daily barometric pressure for 10 highest Atlanta ozone days 2000-2002
BAROMETRIC PRES : 28.98
AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0
*

*
*
SCENARIO REC : arterial, 7 Atlanta ring counties, 2002, 3 mph
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02atl7-a.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 3 Arterial 0.0 100.0 0.0 0.0
*

[scenarios for 4 mph through 64 mph not shown]

*
*
SCENARIO REC : arterial, 7 Atlanta ring counties, 2002, 65 mph
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02atl7-a.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 65 Arterial 0.0 100.0 0.0 0.0
*

*
*
SCENARIO REC : local, 7 Atlanta ring counties, 2002, no speed input

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> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02atl7-a.in)

CALENDAR YEAR : 2002

EVALUATION MONTH : 7

RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77

BAROMETRIC PRES : 28.99

* Note that 12.9 is the default MOBILE6 average speed for local streets.

*

AVERAGE SPEED : 12.9 local

*

*

SCENARIO REC : ramps, 7 Atlanta ring counties, 2002, no speed input

> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02atl7-a.in)

CALENDAR YEAR : 2002

EVALUATION MONTH : 7

RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77

BAROMETRIC PRES : 28.99

* Note that 34.6 is the default MOBILE6 average speed for ramps.

*

AVERAGE SPEED : 34.6 ramp

END OF RUN

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*
* 7-1-02, 7-county area, '02 reg. dist. (default for Class 8b), default VMT mix (02atl7-f.in)
*
MOBILE6 INPUT FILE :

RUN DATA

>
*
* next lines show average hourly temp. for 10 highest Atlanta ozone days 2000-2002
HOURLY TEMPERATURES: 74 77 81 84 86 88 90 91 92 92 91 90
88 86 83 82 80 78 76 75 74 73 72 72

*
* Reid vapor pressure of 7.0 psi is a requirement for Georgia gasoline, Phases 1 and 2
*

FUEL RVP : 7.0

FUEL PROGRAM : 4
150.0 150.0 150.0 90.0 30.0 30.0 30.0 30.0
30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0
1000.0 1000.0 1000.0 1000.0 150.0 150.0 87.0 87.0
80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0

[redundant comments not shown]

REG DIST : 02atl_7.d

*
*

SCENARIO REC : freeway, 7 Atlanta ring counties, 2002, 2.5 mph
* 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02atl7-f.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
* next lines show average hourly rel. humidity for 10 highest Atlanta ozone days 2000-2002
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77

* next line shows average daily barometric pressure for 10 highest Atlanta ozone days 2000-2002
BAROMETRIC PRES : 28.98
AVERAGE SPEED : 2.5 Non-Ramp 100.0 0.0 0.0 0.0

*
*

SCENARIO REC : freeway, 7 Atlanta ring counties, 2002, 3 mph
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02atl7-f.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 3 Non-Ramp 100.0 0.0 0.0 0.0

*
*

[scenarios for 4 mph through 64 mph not shown]

*
*

SCENARIO REC : freeway, 7 Atlanta ring counties, 2002, 65 mph
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02atl7-f.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

END OF RUN

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```
*
* 7-1-02, idle test I/M in 4 counties, '02 reg. dist., default VMT mix (02noc4-a.in)
*
MOBILE6 INPUT FILE :

RUN DATA
>
*
NO CLEAN AIR ACT   :
*
* next lines show average hourly temp. for 10 highest Atlanta ozone days 2000-2002
HOURLY TEMPERATURES: 74 77 81 84 86 88 90 91 92 92 91 90
                      88 86 83 82 80 78 76 75 74 73 72 72
*
* Reid vapor pressure of 7.0 psi is a requirement for Georgia gasoline, Phases 1 and 2
*
*FUEL RVP           : 7.0
FUEL RVP            : 7.8

FUEL PROGRAM        : 4
 150.0 150.0 150.0  90.0  30.0  30.0  30.0  30.0
  30.0  30.0  30.0  30.0  30.0  30.0  30.0  30.0
1000.0 1000.0 1000.0 1000.0 150.0 150.0  87.0  87.0
  80.0  80.0  80.0  80.0  80.0  80.0  80.0  80.0
[redundant comments not shown]
REG DIST            : 02regis2.d

ANTI-TAMP PROG      :
82 79 89 22222 11111111 1 21 095. 22211111

*I/M DESCRIPT FILE  : old_im.d

* I/M program for 12-years-old and newer vehicles
I/M PROGRAM          : 1 1982 2051 1 TRC IDLE
I/M MODEL YEARS      : 1 1979 2050
I/M VEHICLES         : 1 22222 11111111 1
I/M STRINGENCY       : 1 22.0
I/M COMPLIANCE       : 1 95.0
I/M WAIVER RATES     : 1 17. 14.
I/M EFFECTIVENESS    : 0.50 0.50 0.50
I/M GRACE PERIOD     : 1 1
I/M EXEMPTION AGE    : 1 13

*
*
SCENARIO REC        : arterial, 4-county idle test area, 2002, 2.5 mph
* 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc4-a.in)
CALENDAR YEAR       : 2002
EVALUATION MONTH    : 7
* next lines show average hourly rel. humidity for 10 highest Atlanta ozone days 2000-2002
RELATIVE HUMIDITY   : 76 68 60 53 49 45 42 40 39 38 38 41
                      44 49 53 57 61 65 69 70 72 75 78 77
* next line shows average daily barometric pressure for 10 highest Atlanta ozone days 2000-2002
BAROMETRIC PRES     : 28.98
AVERAGE SPEED       : 2.5 Arterial 0.0 100.0 0.0 0.0
*
*
SCENARIO REC        : arterial, 4-county idle test area, 2002, 3 mph
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc4-a.in)
CALENDAR YEAR       : 2002
EVALUATION MONTH    : 7
```

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RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 3 Arterial 0.0 100.0 0.0 0.0

*
*

[scenarios for 4 mph through 64 mph not shown]

*
*

SCENARIO REC : arterial, 4-county idle test area, 2002, 65 mph
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc4-a.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 65 Arterial 0.0 100.0 0.0 0.0

*
*

SCENARIO REC : local, 4-county idle test area, 2002, no speed input
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc4-a.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
* Note that 12.9 is the default MOBILE6 average speed for local streets.

*
*

AVERAGE SPEED : 12.9 local

*
*

SCENARIO REC : ramps, 4-county idle test area, 2002, no speed input
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc4-a.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
* Note that 34.6 is the default MOBILE6 average speed for ramps.

*
*

AVERAGE SPEED : 34.6 ramp

END OF RUN

Appendix C, Exhibit 5
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```
*
* 7-1-02, idle test I/M in 4 counties, '02 reg. dist., default VMT mix (02noc4-f.in)
*
MOBILE6 INPUT FILE :

RUN DATA
>
*
NO CLEAN AIR ACT   :
*
* next lines show average hourly temp. for 10 highest Atlanta ozone days 2000-2002
HOURLY TEMPERATURES: 74 77 81 84 86 88 90 91 92 92 91 90
                      88 86 83 82 80 78 76 75 74 73 72 72
*
* Reid vapor pressure of 7.0 psi is a requirement for Georgia gasoline, Phases 1 and 2
*
*FUEL RVP           : 7.0
FUEL RVP            : 7.8

FUEL PROGRAM        : 4
 150.0 150.0 150.0 90.0 30.0 30.0 30.0 30.0
 30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0
1000.0 1000.0 1000.0 1000.0 150.0 150.0 87.0 87.0
 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0
[redundant comments not shown]
REG DIST            : 02regis2.d

ANTI-TAMP PROG      :
82 79 89 22222 11111111 1 21 095. 22211111

*I/M DESCRIPT FILE  : old_im.d

* I/M program for 12-years-old and newer vehicles
I/M PROGRAM          : 1 1982 2051 1 TRC IDLE
I/M MODEL YEARS      : 1 1979 2050
I/M VEHICLES          : 1 22222 11111111 1
I/M STRINGENCY        : 1 22.0
I/M COMPLIANCE        : 1 95.0
I/M WAIVER RATES      : 1 17. 14.
I/M EFFECTIVENESS     : 0.50 0.50 0.50
I/M GRACE PERIOD      : 1 1
I/M EXEMPTION AGE     : 1 13

*
*
SCENARIO REC         : freeway, 4-county idle test area, 2002, 2.5 mph
* 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc4-f.in)
CALENDAR YEAR        : 2002
EVALUATION MONTH     : 7
* next lines show average hourly rel. humidity for 10 highest Atlanta ozone days 2000-2002
RELATIVE HUMIDITY    : 76 68 60 53 49 45 42 40 39 38 38 41
                      44 49 53 57 61 65 69 70 72 75 78 77
* next line shows average daily barometric pressure for 10 highest Atlanta ozone days 2000-2002
BAROMETRIC PRES      : 28.98
AVERAGE SPEED        : 2.5 Non-Ramp 100.0 0.0 0.0 0.0
*
*
SCENARIO REC         : freeway, 4-county idle test area, 2002, 3 mph
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc4-f.in)
CALENDAR YEAR        : 2002
EVALUATION MONTH     : 7
RELATIVE HUMIDITY    : 76 68 60 53 49 45 42 40 39 38 38 41
```

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44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 3 Non-Ramp 100.0 0.0 0.0 0.0

*

*

[scenarios for 4 mph through 64 mph not shown]

*

*

SCENARIO REC : freeway, 4-county idle test area, 2002, 65 mph
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc4-f.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

*

*

END OF RUN

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*
* 7-1-02, 9-county area w/o 1990 I/M, '02 reg. dist., default VMT mix (02noc9-a.in)
*
MOBILE6 INPUT FILE :

RUN DATA
>
*
NO CLEAN AIR ACT :
*
* next lines show average hourly temp. for 10 highest Atlanta ozone days 2000-2002
HOURLY TEMPERATURES: 74 77 81 84 86 88 90 91 92 92 91 90
88 86 83 82 80 78 76 75 74 73 72 72
*
* Reid vapor pressure of 7.0 psi is a requirement for Georgia gasoline, Phases 1 and 2
*
*FUEL RVP : 7.0
FUEL RVP : 7.8

FUEL PROGRAM : 4
150.0 150.0 150.0 90.0 30.0 30.0 30.0 30.0
30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0
1000.0 1000.0 1000.0 1000.0 150.0 150.0 87.0 87.0
80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0
[redundant comments not shown]
REG DIST : 02regis2.d

*
*
SCENARIO REC : arterial, 9-county area w/o 1990 I/M, 2002, 2.5 mph
* 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc9-a.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
* next lines show average hourly rel. humidity for 10 highest Atlanta ozone days 2000-2002
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
* next line shows average daily barometric pressure for 10 highest Atlanta ozone days 2000-2002
BAROMETRIC PRES : 28.98
AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0
*

*
*
SCENARIO REC : arterial, 9-county area w/o 1990 I/M, 2002, 3 mph
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc9-a.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 3 Arterial 0.0 100.0 0.0 0.0
*

[scenarios for 4 mph through 64 mph not shown]

*
*
SCENARIO REC : arterial, 9-county area w/o 1990 I/M, 2002, 65 mph
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc9-a.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 65 Arterial 0.0 100.0 0.0 0.0

Appendix C, Exhibit 5
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*
*
SCENARIO REC : local, 9-county area w/o 1990 I/M, 2002, no speed input
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc9-a.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
 44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
* Note that 12.9 is the default MOBILE6 average speed for local streets.
*
AVERAGE SPEED : 12.9 local

*
SCENARIO REC : ramps, 9-county area w/o 1990 I/M, 2002, no speed input
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc9-a.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
 44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
* Note that 34.6 is the default MOBILE6 average speed for ramps.
*
AVERAGE SPEED : 34.6 ramp

END OF RUN

Appendix C, Exhibit 5
C5-15

*
* 7-1-02, no I/M in 9 counties, '02 reg. dist., default VMT mix (02noc9-f.in)
*
MOBILE6 INPUT FILE :

RUN DATA
>
*
NO CLEAN AIR ACT :
*
* next lines show average hourly temp. for 10 highest Atlanta ozone days 2000-2002
HOURLY TEMPERATURES: 74 77 81 84 86 88 90 91 92 92 91 90
88 86 83 82 80 78 76 75 74 73 72 72
*
* Reid vapor pressure of 7.0 psi is a requirement for Georgia gasoline, Phases 1 and 2
*
*FUEL RVP : 7.0
FUEL RVP : 7.8

FUEL PROGRAM : 4
150.0 150.0 150.0 90.0 30.0 30.0 30.0 30.0
30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0
1000.0 1000.0 1000.0 1000.0 150.0 150.0 87.0 87.0
80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0
[redundant comments not shown]
REG DIST : 02regis2.d

*
*
SCENARIO REC : freeway, 9-county area w/o 1990 I/M, 2002, 2.5 mph
* 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc9-f.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
* next lines show average hourly rel. humidity for 10 highest Atlanta ozone days 2000-2002
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
* next line shows average daily barometric pressure for 10 highest Atlanta ozone days 2000-2002
BAROMETRIC PRES : 28.98
AVERAGE SPEED : 2.5 Non-Ramp 100.0 0.0 0.0 0.0

*
*
SCENARIO REC : freeway, 9-county area w/o 1990 I/M, 2002, 3 mph
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc9-f.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 3 Non-Ramp 100.0 0.0 0.0 0.0

[scenarios for 4 mph through 64 mph not shown]

*
*
SCENARIO REC : freeway, 9-county area w/o 1990 I/M, 2002, 65 mph
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc9-f.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

Appendix C, Exhibit 5
C5-16

*
*

END OF RUN

Appendix C, Exhibit 5
C5-17

*
* 7-1-02, 7-county area, '02 reg. dist., default VMT mix (02noc7-a.in)
*

MOBILE6 INPUT FILE :

RUN DATA

>
*
NO CLEAN AIR ACT :
*
* next lines show average hourly temp. for 10 highest Atlanta ozone days 2000-2002
HOURLY TEMPERATURES: 74 77 81 84 86 88 90 91 92 92 91 90
88 86 83 82 80 78 76 75 74 73 72 72

*
* Reid vapor pressure of 7.0 psi is a requirement for Georgia gasoline, Phases 1 and 2
*
*FUEL RVP : 7.0
FUEL RVP : 9.0

FUEL PROGRAM : 4
150.0 150.0 150.0 90.0 30.0 30.0 30.0 30.0
30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0
1000.0 1000.0 1000.0 1000.0 150.0 150.0 87.0 87.0
80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0

[redundant comments not shown]

REG DIST : 02atl_7.d

*
*
SCENARIO REC : arterial, 7 Atlanta ring counties, 2002, 2.5 mph
* 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc7-a.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
* next lines show average hourly rel. humidity for 10 highest Atlanta ozone days 2000-2002
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77

* next line shows average daily barometric pressure for 10 highest Atlanta ozone days 2000-2002
BAROMETRIC PRES : 28.98
AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0

*
*
SCENARIO REC : arterial, 7 Atlanta ring counties, 2002, 3 mph
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc7-a.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 3 Arterial 0.0 100.0 0.0 0.0

[scenarios for 4 mph through 64 mph not shown]

*
*
SCENARIO REC : arterial, 7 Atlanta ring counties, 2002, 65 mph
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc7-a.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 65 Arterial 0.0 100.0 0.0 0.0

Appendix C, Exhibit 5
C5-18

*
*
SCENARIO REC : local, 7 Atlanta ring counties, 2002, no speed input
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc7-a.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
 44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
* Note that 12.9 is the default MOBILE6 average speed for local streets.
*
AVERAGE SPEED : 12.9 local

*
SCENARIO REC : ramps, 7 Atlanta ring counties, 2002, no speed input
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc7-a.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
 44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
* Note that 34.6 is the default MOBILE6 average speed for ramps.
*
AVERAGE SPEED : 34.6 ramp

END OF RUN

Appendix C, Exhibit 5
C5-19

*
* 7-1-02, 7-county area, '02 reg. dist., default VMT mix (02noc7-f.in)
*
MOBILE6 INPUT FILE :

RUN DATA
>
*
NO CLEAN AIR ACT :
*
* next lines show average hourly temp. for 10 highest Atlanta ozone days 2000-2002
HOURLY TEMPERATURES: 74 77 81 84 86 88 90 91 92 92 91 90
88 86 83 82 80 78 76 75 74 73 72 72
*
* Reid vapor pressure of 7.0 psi is a requirement for Georgia gasoline, Phases 1 and 2
*
*FUEL RVP : 7.0
FUEL RVP : 9.0

FUEL PROGRAM : 4
150.0 150.0 150.0 90.0 30.0 30.0 30.0 30.0
30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0
1000.0 1000.0 1000.0 1000.0 150.0 150.0 87.0 87.0
80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0
[redundant comments not shown]
REG DIST : 02atl_7.d

*
*
SCENARIO REC : freeway, 7 Atlanta ring counties, 2002, 2.5 mph
* 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc7-f.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
* next lines show average hourly rel. humidity for 10 highest Atlanta ozone days 2000-2002
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
* next line shows average daily barometric pressure for 10 highest Atlanta ozone days 2000-2002
BAROMETRIC PRES : 28.98
AVERAGE SPEED : 2.5 Non-Ramp 100.0 0.0 0.0 0.0
*

*
*
SCENARIO REC : freeway, 7 Atlanta ring counties, 2002, 3 mph
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc7-f.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 3 Non-Ramp 100.0 0.0 0.0 0.0
*

[scenarios for 4 mph through 64 mph not shown]

*
*
SCENARIO REC : freeway, 7 Atlanta ring counties, 2002, 65 mph
> 7-1-02, '02 reg. dist. (default for Class 8b), default VMT mix (02noc7-f.in)
CALENDAR YEAR : 2002
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

Appendix C, Exhibit 5
C5-20

END OF RUN

Appendix C, Exhibit 5
C5-21

```
*
* 7-1-08, idle test I/M in 4 counties, '02 reg. dist., default VMT mix (02ad084a.in)
*
MOBILE6 INPUT FILE :

RUN DATA
>
*
NO CLEAN AIR ACT   :
*
* next lines show average hourly temp. for 10 highest Atlanta ozone days 2000-2002
HOURLY TEMPERATURES: 74 77 81 84 86 88 90 91 92 92 91 90
                    88 86 83 82 80 78 76 75 74 73 72 72
*
* Reid vapor pressure of 7.0 psi is a requirement for Georgia gasoline, Phases 1 and 2
*
*FUEL RVP           : 7.0
FUEL RVP            : 7.8

*STAGE II REFUELING :
*92 3 81. 81.

FUEL PROGRAM       : 4
 150.0 150.0 150.0 90.0 30.0 30.0 30.0 30.0
 30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0
1000.0 1000.0 1000.0 1000.0 150.0 150.0 87.0 87.0
 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0
[redundant comments not shown]
REG DIST           : 02regis2.d

ANTI-TAMP PROG     :
82 79 89 22222 11111111 1 21 095. 22211111

*I/M DESCRIPT FILE : old_im.d

* I/M program for 12-years-old and newer vehicles
I/M PROGRAM        : 1 1982 2051 1 TRC IDLE
I/M MODEL YEARS    : 1 1979 2050
I/M VEHICLES       : 1 22222 11111111 1
I/M STRINGENCY     : 1 22.0
I/M COMPLIANCE     : 1 95.0
I/M WAIVER RATES   : 1 17. 14.
I/M EFFECTIVENESS  : 0.50 0.50 0.50
I/M GRACE PERIOD   : 1 1
I/M EXEMPTION AGE  : 1 13

*
*
SCENARIO REC       : arterial, 4-county idle test area, 2002 adj. to 2008, 2.5 mph
* 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad084a.in)
CALENDAR YEAR      : 2008
EVALUATION MONTH   : 7
* next lines show average hourly rel. humidity for 10 highest Atlanta ozone days 2000-2002
RELATIVE HUMIDITY  : 76 68 60 53 49 45 42 40 39 38 38 41
                    44 49 53 57 61 65 69 70 72 75 78 77
* next line shows average daily barometric pressure for 10 highest Atlanta ozone days 2000-2002
BAROMETRIC PRES    : 28.98
AVERAGE SPEED     : 2.5 Arterial 0.0 100.0 0.0 0.0
*
*
SCENARIO REC       : arterial, 4-county idle test area, 2002 adj. to 2008, 3 mph
> 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad084a.in)
```

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CALENDAR YEAR : 2008
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 3 Arterial 0.0 100.0 0.0 0.0

*
*

[scenarios for 4 mph through 64 mph not shown]

*
*

SCENARIO REC : arterial, 4-county idle test area, 2002 adj. to 2008, 65 mph
> 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad084a.in)
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 65 Arterial 0.0 100.0 0.0 0.0

*
*

SCENARIO REC : local, 4-county idle test area, 2002 adj. to 2008, no speed input
> 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad084a.in)
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
* Note that 12.9 is the default MOBILE6 average speed for local streets.
AVERAGE SPEED : 12.9 local

*
*

SCENARIO REC : ramps, 4-county idle test area, 2002 adj. to 2008, no speed input
> 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad084a.in)
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
* Note that 34.6 is the default MOBILE6 average speed for ramps.
AVERAGE SPEED : 34.6 ramp

END OF RUN

Appendix C, Exhibit 5
C5-23

```
*
* 7-1-08, idle test I/M in 4 counties, '02 reg. dist., default VMT mix (02ad084f.in)
*
MOBILE6 INPUT FILE :

RUN DATA
>
*
NO CLEAN AIR ACT   :
*
* next lines show average hourly temp. for 10 highest Atlanta ozone days 2000-2002
HOURLY TEMPERATURES: 74 77 81 84 86 88 90 91 92 92 91 90
                      88 86 83 82 80 78 76 75 74 73 72 72
*
* Reid vapor pressure of 7.0 psi is a requirement for Georgia gasoline, Phases 1 and 2
*
*FUEL RVP           : 7.0
FUEL RVP            : 7.8

*STAGE II REFUELING :
*92 3 81. 81.

FUEL PROGRAM       : 4
 150.0 150.0 150.0 90.0 30.0 30.0 30.0 30.0
 30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0
1000.0 1000.0 1000.0 1000.0 150.0 150.0 87.0 87.0
 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0
[redundant comments not shown]
REG DIST           : 02regis2.d

ANTI-TAMP PROG     :
82 79 89 22222 11111111 1 21 095. 22211111

*I/M DESCRIPT FILE : old_im.d

* I/M program for 12-years-old and newer vehicles
I/M PROGRAM        : 1 1982 2051 1 TRC IDLE
I/M MODEL YEARS    : 1 1979 2050
I/M VEHICLES       : 1 22222 11111111 1
I/M STRINGENCY     : 1 22.0
I/M COMPLIANCE     : 1 95.0
I/M WAIVER RATES   : 1 17. 14.
I/M EFFECTIVENESS  : 0.50 0.50 0.50
I/M GRACE PERIOD   : 1 1
I/M EXEMPTION AGE  : 1 13

*
*
SCENARIO REC       : freeway, 4-county idle test area, 2002 adj. to 2008, 2.5 mph
* 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad084f.in)
CALENDAR YEAR      : 2008
EVALUATION MONTH   : 7
* next lines show average hourly rel. humidity for 10 highest Atlanta ozone days 2000-2002
RELATIVE HUMIDITY  : 76 68 60 53 49 45 42 40 39 38 38 41
                      44 49 53 57 61 65 69 70 72 75 78 77
* next line shows average daily barometric pressure for 10 highest Atlanta ozone days 2000-2002
BAROMETRIC PRES    : 28.98
AVERAGE SPEED     : 2.5 Non-Ramp 100.0 0.0 0.0 0.0
*
*
SCENARIO REC       : freeway, 4-county idle test area, 2002 adj. to 2008, 3 mph
> 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad084f.in)
```

Appendix C, Exhibit 5
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CALENDAR YEAR : 2008
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 3 Non-Ramp 100.0 0.0 0.0 0.0

*
*

[scenarios for 4 mph through 64 mph not shown]

*
*

SCENARIO REC : freeway, 4-county idle test area, 2002 adj. to 2008, 65 mph
> 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad084f.in)
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

END OF RUN

Appendix C, Exhibit 5
C5-25

*
* 7-1-08, 9-county area w/o 1990 I/M, '02 reg. dist., default VMT mix (02ad089a.in)
*
MOBILE6 INPUT FILE :

RUN DATA

>
*
NO CLEAN AIR ACT :
*
* next lines show average hourly temp. for 10 highest Atlanta ozone days 2000-2002
HOURLY TEMPERATURES: 74 77 81 84 86 88 90 91 92 92 91 90
88 86 83 82 80 78 76 75 74 73 72 72
*
* Reid vapor pressure of 7.0 psi is a requirement for Georgia gasoline, Phases 1 and 2
*
*FUEL RVP : 7.0
FUEL RVP : 7.8

FUEL PROGRAM : 4
150.0 150.0 150.0 90.0 30.0 30.0 30.0 30.0
30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0
1000.0 1000.0 1000.0 1000.0 150.0 150.0 87.0 87.0
80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0

[redundant comments not shown]

REG DIST : 02regis2.d

*
*
SCENARIO REC : arterial, 9-county area w/o 1990 I/M, 2002 adj. to 2008, 2.5 mph
* 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad089a.in)
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
* next lines show average hourly rel. humidity for 10 highest Atlanta ozone days 2000-2002
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77

* next line shows average daily barometric pressure for 10 highest Atlanta ozone days 2000-2002
BAROMETRIC PRES : 28.98
AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0

*
*
SCENARIO REC : arterial, 9-county area w/o 1990 I/M, 2002 adj. to 2008, 3 mph
> 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad089a.in)
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 3 Arterial 0.0 100.0 0.0 0.0

[scenarios for 4 mph through 64 mph not shown]

*
*
SCENARIO REC : arterial, 9-county area w/o 1990 I/M, 2002 adj. to 2008, 65 mph
> 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad089a.in)
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 65 Arterial 0.0 100.0 0.0 0.0

Appendix C, Exhibit 5
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*
*
SCENARIO REC : local, 9-county area w/o 1990 I/M, 2002 adj. to 2008, no speed input
> 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad089a.in)
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
 44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
* Note that 12.9 is the default MOBILE6 average speed for local streets.
AVERAGE SPEED : 12.9 local
*

*
SCENARIO REC : ramps, 9-county area w/o 1990 I/M, 2002 adj. to 2008, no speed input
> 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad089a.in)
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
 44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
* Note that 34.6 is the default MOBILE6 average speed for ramps.
AVERAGE SPEED : 34.6 ramp

END OF RUN

Appendix C, Exhibit 5
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*
* 7-1-08, 9-county area w/o 1990 I/M, '02 reg. dist., default VMT mix (02ad089f.in)
*
MOBILE6 INPUT FILE :

RUN DATA

>
*
NO CLEAN AIR ACT :
*
* next lines show average hourly temp. for 10 highest Atlanta ozone days 2000-2002
HOURLY TEMPERATURES: 74 77 81 84 86 88 90 91 92 92 91 90
88 86 83 82 80 78 76 75 74 73 72 72
*
* Reid vapor pressure of 7.0 psi is a requirement for Georgia gasoline, Phases 1 and 2
*
*FUEL RVP : 7.0
FUEL RVP : 7.8

FUEL PROGRAM : 4
150.0 150.0 150.0 90.0 30.0 30.0 30.0 30.0
30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0
1000.0 1000.0 1000.0 1000.0 150.0 150.0 87.0 87.0
80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0

[redundant comments not shown]

REG DIST : 02regis2.d

*
*
SCENARIO REC : arterial, 9-county area w/o 1990 I/M, 2002 adj. to 2008, 2.5 mph
* 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad089f.in)
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
* next lines show average hourly rel. humidity for 10 highest Atlanta ozone days 2000-2002
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77

* next line shows average daily barometric pressure for 10 highest Atlanta ozone days 2000-2002
BAROMETRIC PRES : 28.98
AVERAGE SPEED : 2.5 Non-Ramp 100.0 0.0 0.0 0.0

*
*
SCENARIO REC : arterial, 9-county area w/o 1990 I/M, 2002 adj. to 2008, 3 mph
> 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad089f.in)
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 3 Non-Ramp 100.0 0.0 0.0 0.0

[scenarios for 4 mph through 64 mph not shown]

*
*
SCENARIO REC : freeway, 9-county area w/o 1990 I/M, 2002 adj. to 2008, 65 mph
> 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad089f.in)
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

Appendix C, Exhibit 5
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END OF RUN

Appendix C, Exhibit 5
C5-29

*
* 7-1-08, 7-county area, '02 reg. dist. (default for Class 8b), default VMT mix (02ad087a.in)
*

MOBILE6 INPUT FILE :

RUN DATA

>
*

NO CLEAN AIR ACT :

*
* next lines show average hourly temp. for 10 highest Atlanta ozone days 2000-2002

HOURLY TEMPERATURES: 74 77 81 84 86 88 90 91 92 92 91 90
88 86 83 82 80 78 76 75 74 73 72 72

*
* Reid vapor pressure of 7.0 psi is a requirement for Georgia gasoline, Phases 1 and 2
*

*FUEL RVP : 7.0

FUEL RVP : 9.0

FUEL PROGRAM : 4

150.0	150.0	150.0	90.0	30.0	30.0	30.0	30.0
30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
1000.0	1000.0	1000.0	1000.0	150.0	150.0	87.0	87.0
80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0

[redundant comments not shown]

REG DIST : 02atl_7.d

*
*
SCENARIO REC : arterial, 7 Atlanta ring counties, 2002 adj. to 2008, 2.5 mph
> 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad087a.in)

CALENDAR YEAR : 2008

EVALUATION MONTH : 7

* next lines show average hourly rel. humidity for 10 highest Atlanta ozone days 2000-2002

RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77

* next line shows average daily barometric pressure for 10 highest Atlanta ozone days 2000-2002

BAROMETRIC PRES : 28.98

AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0

*
*
SCENARIO REC : arterial, 7 Atlanta ring counties, 2002 adj. to 2008, 3 mph
> 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad087a.in)

CALENDAR YEAR : 2008

EVALUATION MONTH : 7

RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77

BAROMETRIC PRES : 28.99

AVERAGE SPEED : 3 Arterial 0.0 100.0 0.0 0.0

*
*
[scenarios for 4 mph through 64 mph not shown]

*
*
SCENARIO REC : arterial, 7 Atlanta ring counties, 2002 adj. to 2008, 65 mph
> 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad087a.in)

CALENDAR YEAR : 2008

EVALUATION MONTH : 7

RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77

BAROMETRIC PRES : 28.99

AVERAGE SPEED : 65 Arterial 0.0 100.0 0.0 0.0

Appendix C, Exhibit 5
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*
*
SCENARIO REC : local, 7 Atlanta ring counties, 2002 adj. to 2008, no speed input
> 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad087a.in)
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
 44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
* Note that 12.9 is the default MOBILE6 average speed for local streets.
AVERAGE SPEED : 12.9 local

*
*
SCENARIO REC : ramps, 7 Atlanta ring counties, 2002 adj. to 2008, no speed input
> 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad087a.in)
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
 44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
* Note that 34.6 is the default MOBILE6 average speed for ramps.
AVERAGE SPEED : 34.6 ramp

END OF RUN

Appendix C, Exhibit 5
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*
* 7-1-08, 7-county area, '02 reg. dist. (default for Class 8b), default VMT mix (02ad087f.in)
*
MOBILE6 INPUT FILE :

RUN DATA

>
*
NO CLEAN AIR ACT :
*
* next lines show average hourly temp. for 10 highest Atlanta ozone days 2000-2002
HOURLY TEMPERATURES: 74 77 81 84 86 88 90 91 92 92 91 90
88 86 83 82 80 78 76 75 74 73 72 72

*
* Reid vapor pressure of 7.0 psi is a requirement for Georgia gasoline, Phases 1 and 2
*
*FUEL RVP : 7.0
FUEL RVP : 9.0

FUEL PROGRAM : 4
150.0 150.0 150.0 90.0 30.0 30.0 30.0 30.0
30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0
1000.0 1000.0 1000.0 1000.0 150.0 150.0 87.0 87.0
80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0

[redundant comments not shown]

REG DIST : 02atl_7.d

*
*
SCENARIO REC : freeway, 7 Atlanta ring counties, 2002 adj. to 2008, 2.5 mph
* 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad087f.in)
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
* next lines show average hourly rel. humidity for 10 highest Atlanta ozone days 2000-2002
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77

* next line shows average daily barometric pressure for 10 highest Atlanta ozone days 2000-2002
BAROMETRIC PRES : 28.98
AVERAGE SPEED : 2.5 Non-Ramp 100.0 0.0 0.0 0.0

*
*
SCENARIO REC : freeway, 7 Atlanta ring counties, 2002 adj. to 2008, 3 mph
> 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad087f.in)
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 3 Non-Ramp 100.0 0.0 0.0 0.0

[scenarios for 4 mph through 64 mph not shown]

*
*
SCENARIO REC : freeway, 7 Atlanta ring counties, 2002 adj. to 2008, 65 mph
> 7-1-08, '02 reg. dist. (default for Class 8b), default VMT mix (02ad087f.in)
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
RELATIVE HUMIDITY : 76 68 60 53 49 45 42 40 39 38 38 41
44 49 53 57 61 65 69 70 72 75 78 77
BAROMETRIC PRES : 28.99
AVERAGE SPEED : 65 Non-Ramp 100.0 0.0 0.0 0.0

Appendix C, Exhibit 5
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END OF RUN