Connecticut Department of Transportation

OZONE Air Quality
Conformity Determination

of the
2011 Regional Transportation Plans and the
FY 2010-2013 Transportation Improvement Programs
for the Connecticut portion of
the New York-Northern New Jersey-Long Island, NY-NJ-CT
Ozone Nonattainment Area and the Greater Connecticut Ozone Nonattainment Area

March 2011

Note: The Connecticut portion of the New York-Northern New Jersey-Long Island Non-Attainment area (Fairfield, New Haven and Middlesex counties) and the Greater Connecticut Non-Attainment area (Hartford, New London, Tolland, Windham and Litchfield counties) have been designated as Moderate Non-Attainment areas. This document includes the documentation of the regional analysis for both nonattainment areas within the State of Connecticut, as well as documentation and information on the processes and procedures undertaken by Connecticut Department of Transportation, coordinator of Air Quality Conformity for the Connecticut Regional Planning Organizations.
INTRODUCTION

This document was prepared to document the emissions analysis that was completed to evaluate Fiscal Year 2011 Conformity of the Statewide Transportation Improvement Program (STIP) and the Regional Long Range Transportation Plans (LRTP) to the State Implementation Plan (SIP) for air quality. This submittal incorporates the FY 2010-2013 STIP and LRTPs from Connecticut’s Regional Planning Organizations (RPOs), and revised Mobile Vehicle Emission Budgets (MVEBs).

The report is submitted to satisfy the requirements of the SIP, as revised.

The statewide travel demand models were rerun, along with accompanying Vehicle Miles of Travel (VMT) and Mobile 6.2 emissions model. The results of these runs show a decrease in emissions in the affected area and therefore the transportation program and plan continue to conform to the State’s.

On November 15, 1990, the Clean Air Act Amendments (CAAA) of 1990 were signed into law. On August 15, 1997, the Environmental Protection Agency (EPA) published the Final Conformity Rule. Effective February 17, 2004, EPA approved a revision to the Connecticut SIP for the attainment and maintenance of the one-hour National Ambient Air Quality Standard (NAAQS) for ground level ozone. Emissions budgets for the 2007 Volatile Organic Compounds (VOC) & Nitrogen Oxides (NOX) motor vehicle emissions were calculated using MOBILE6.2 for the Connecticut portion of the New York-Northern
New Jersey-Long Island nonattainment area and the 2007 motor vehicle emissions budgets (MVEBs) for the Greater Connecticut non-attainment area. Procedures and criteria contained in that document provided the basis for this Conformity determination. Implementation of these rules has been accomplished through a cooperative effort of the Regional Planning Organizations (RPOs), EPA, Federal Transit Administration (FTA), Federal Highway Administration (FHWA), Connecticut Department of Transportation (CTDOT) and the Connecticut Department of Environmental Protection (CTDEP). Until superceded by an updated emissions model, all future transportation conformity analysis will be required to demonstrate compliance with MOBILE6.2 budgets.

In June of 2004, EPA finalized eight-hour conformity rules for ozone non-attainment areas in Connecticut, which became effective in June of 2005. These areas were designated as ‘moderate’ non-attainment for the eight-hour standard: the Connecticut portion of the New York-Northern New Jersey-Long Island eight-hour ozone non-attainment area, consisting of Fairfield, New Haven and Middlesex counties and the Greater Connecticut eight-hour ozone non-attainment area, consisting of Hartford, Litchfield, New London, Tolland and Windham counties. Emissions are now tested against new eight-hour budgets, which were developed jointly by CTDEP and CTDOT, and found adequate by EPA on June 27, 2008.

The 2009 MVEBs established in 2008 for each of Connecticut’s non-attainment areas

\footnote{40CFR Part 52}
represented CTDEP’s planning estimate at that time of the level of motor vehicle emissions that would be necessary to produce timely attainment of the 1997 8-hour ozone NAAQS. The appropriateness of the 2009 MVEBs was confirmed by actual monitored 2009 design values, which demonstrated that both nonattainment areas had achieved timely attainment of the NAAQS.

On August 23, 2010, CTDEP requested EPA to retain the 2009 MVEBs as adequate ozone precursor budgets for future transportation conformity determinations and for EPA to withdraw the adequacy determination for the 2012 MVEBs, which were set at lower emission levels in case attainment was not achieved by 2009. On December 30, 2010 EPA informed CTDEP that it was withdrawing its previous adequacy finding on the 2012 out year MVEBs contained in Connecticut’s 8-hour ozone attainment demonstration SIP. Therefore, as the 2009 MVEBs are adequate ozone precursor budgets, this Air Quality Conformity analysis will compare future year emissions to this base. Connecticut’s withdrawal of the 2012 MVEBs was published in the Federal Register on February 15, 2011 and the budget change became effective 15 days after publication of the announcement.

MOBILE6.2 calculates emission factors based on a wider variety of parameters than the previous MOBILE5b emissions model. These parameters include vehicle type and age, model year; travel speed; roadway type; ambient temperature and humidity; fuel type, and applicable control measures such as reformulated gasoline (RFG) and inspection and maintenance (I/M). Local inputs were cooperatively developed by CTDEP and
CTDOT where applicable using EPA recommended methods.  

VEHICLE EMISSIONS

Ozone

Ground level ozone is a major component of smog. It is formed by sunlight and heat acting upon fuel combustion products such as nitrogen oxides and hydrocarbons. Ozone occurs naturally in the upper atmosphere and shields the earth from ultraviolet radiation. However, at ground level, ozone is a severe irritant. Because ozone formation is directly related to atmospheric temperatures, problematic ozone levels occur most frequently on hot summer afternoons.

Ozone exposure is linked to respiratory illnesses such as asthma and lung inflammation and can exacerbate existing respiratory ailments. Ozone pollution can also severely damage vegetation, including agricultural crops and forest habitats.

Nitrogen Oxides (NOX)

Mobile source nitrogen oxides form when nitrogen and oxygen atoms chemically react inside the high pressure and temperature conditions in an engine. Nitrogen oxides are precursors for ozone and can also contribute to the formation of acidic rain.

Hydrocarbons or Volatile Organic Compounds (VOC)

Hydrocarbon emissions are a product of partial fuel combustion, fuel evaporation and

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refueling losses caused by spillage and vapor leakage. VOC reacts with nitrogen oxides and sunlight to form ozone.

**Carbon Monoxide (CO)**

Carbon monoxide is produced by the incomplete burning of carbon in fuels, including gasoline. High concentrations of CO occur along roadsides in heavy traffic, particularly at major intersections and in enclosed areas such as garages and poorly ventilated tunnels. Peak concentrations occur during the colder months of the year when CO vehicular emissions are greater.

**Ozone Non-Attainment Areas**

In July 1997, EPA announced a new eight-hour standard for ozone emissions. This new standard is more stringent than the previous one-hour standard; it requires that the average eight-hour ozone level be no greater than 0.08 parts per million (ppm). The one-hour standard specified an ozone level no greater than 0.12 ppm for one hour.

Under the one-hour standard, the state had two non-attainment areas. Fairfield County, minus Shelton, plus New Milford and Bridgewater was designated as a severe non-attainment area. The rest of the state was designated to be in serious non-attainment. As previously discussed, these non-attainment areas have changed under the eight-hour standard. The Connecticut portion of the New York-Northern New Jersey-Long Island Non-Attainment area (Fairfield, New Haven and Middlesex counties) has been
designated a Moderate Non-Attainment area, while the Greater Connecticut area (Hartford, New London, Tolland, Windham and Litchfield counties) has also been designated as a Moderate Non-Attainment area. Figure 1 below shows the two Moderate Non-Attainment areas in Connecticut.
**CO Non-Attainment Areas**

There were formerly three CO non-attainment areas in the state. These were the Southwest portion of the state, the greater New Haven area, and the greater Hartford area. The remainder of the state was in attainment for CO. Attainment was demonstrated in each of these areas and, subsequently, they were designated as Full Maintenance areas. On September 13, 2004, EPA approved a CTDEP submittal for a SIP revision for re-designation of these areas to Limited Maintenance Plan status, thus eliminating the need for budget testing. In the future, “hot-spot” carbon monoxide analyses will be performed to satisfy “project level” conformity determinations.

**Conformity Tests**

Under the Conformity Rules, the following test for VOC/NOX must be met:

- **TEST 1**
  For VOC and NOX, transportation emissions from the Action Scenarios must be less than the 2009 transportation emission budgets if analysis year is 2009 or later.

As the CO areas have been approved by EPA for Limited Maintenance Plan status, no tests for CO have to be made.

The **ACTION SCENARIO** is the future transportation system that will result from full implementation of the Transportation Improvement Programs (TIP) and Long Range Transportation Plans (LRTP).
VOC/NOX emission analysis was conducted for summer conditions and for the following years:

- 2009 (eight-hour MVEB year)
- 2015 (near term analysis year)
- 2025 (interim modeling year)
- 2035 (interim modeling year)
- 2040 (Long Range Transportation Plan horizon year)

At this time, the following eight-hour emission budgets have been approved by EPA for use in this conformity analysis:

1. In 2009 and subsequent years, VOC in the Connecticut portion of the New York-Northern New Jersey-Long Island Moderate Non-Attainment area must be less than 27.4 tons per day.

2. In 2009 and subsequent years, NOx in the Connecticut portion of the New York-Northern New Jersey-Long Island Moderate Non-Attainment area must be less than 54.6 tons per day.

3. In 2009 and subsequent years, VOC in the Greater Connecticut Moderate Non-Attainment area must be less than 26.3 tons per day.

4. In 2009 and subsequent years, NOx in the Greater Connecticut Moderate Non-Attainment area must be less than 49.2 tons per day.

**INTERAGENCY CONSULTATION**

An Interagency Consultation Meeting was held on March 8, 2011 to address the need to prepare an Air Quality Determination Analysis for this project. All Metropolitan Planning Organizations (MPO’s), rural RPAs, FHWA, FTA, EPA, and CTDEP were invited to
review and comment on the project’s Air Quality coding, analysis years to be modeled, and comments on the latest planning assumptions to be utilized for this conformity.

It was agreed at the Interagency Consultation Meeting that the 2005 vehicle registration data file would be adequate for this Conformity Determination, as the vehicle registration data file was not available for use in the air quality emissions model until July 2007.

A copy of the Interagency Consultation Meeting minutes is included in Appendix A. The final emissions analysis was prepared and the report was distributed for the 30 day public comment period.

**PUBLIC CONSULTATION**

As required by the Final Rule, the transportation conformity process must include public consultation on the emissions analysis and conformity determination for Ozone determinations. This includes posting of relevant documentation and analysis on a “clearinghouse” webpage maintained through the interagency consultation process. All MPOs in the Connecticut Ozone nonattainment area must provide thirty day public comment periods and address any comments received. For this Ozone transportation conformity determination, all Connecticut MPOs will hold a thirty day public comment period.
VMT and EMISSIONS ESTIMATES

VMT estimates were developed from CTDOT's statewide network-based travel model. The 2010 travel model network, to the extent practical, represents all state highways and major connecting non-state streets and roads, as well as the rail, local bus, and express bus systems that currently exist. Future highway networks for 2012, 2015, 2020 and 2030 and transit networks for 2012, 2013, 2015, 2020 and 2030 were built by adding Statewide Transportation Improvement Program (STIP), TIP and LRTP projects (programmed for opening after 2010) to the 2010 network. These networks were used to run travel models and conduct emissions analysis for the years 2015, 2025, 2035, and 2040. Projects for each model analysis year for which network changes were required are shown on Table 1 as follows:
<table>
<thead>
<tr>
<th>REGION</th>
<th>PROJECT NO.</th>
<th>HIGHWAY NAME</th>
<th>TOWN</th>
<th>DESCRIPTION</th>
<th>LANES</th>
<th>FROM</th>
<th>TO</th>
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</thead>
<tbody>
<tr>
<td>GREATER BRIDGEPORT</td>
<td>0301-0060</td>
<td>Black Rock, Fairfield Main St Train Station</td>
<td>FAIRFIELD</td>
<td>Long Range Plan</td>
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<tr>
<td></td>
<td>0034-0260</td>
<td>From Stars Plain Rd. to 0.4 mile south of Wooster Heights Rd. Phase 2- project with 0034-315 for modeling</td>
<td>US 7 DANBURY RECONSTRUCTION</td>
<td>BID 10-09-07, CCD 11-18-11, TIP.</td>
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<td>2/2</td>
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<tr>
<td>HOUSATONIC VALLEY</td>
<td>0034-0313</td>
<td>Interchanges 6</td>
<td>I-84 DANBURY, NEWTOWN, SOUTHBURY</td>
<td>Long Range Plan CCD 2012</td>
<td>3/3</td>
<td>4/4</td>
<td></td>
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<tr>
<td></td>
<td>0034-0330</td>
<td>Operational lanes on I-84 EB/WB between Exit 1 and Exit 2</td>
<td>I-84 DANBURY</td>
<td>Operational LANE</td>
<td>3/3</td>
<td>4/4</td>
<td></td>
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<td>SOUTH CENTRAL</td>
<td>0092-0618</td>
<td>Brkout “Q” Brg Project 0092-0531, Construction NB Approach and River Piers.</td>
<td>I-95 NEW HAVEN BRGE. Replacement</td>
<td></td>
<td>Varies</td>
<td></td>
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<td></td>
<td>0092-0619</td>
<td>Breakout of Project No.0092-0531, the reconstruction of the I-91/I-95/Route 34 interchange Associated with Q-Bridge Replacement.</td>
<td>I-95 NEW HAVEN UPGRD EXPRESSWAY</td>
<td></td>
<td>3/3</td>
<td>5/5</td>
<td></td>
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<tr>
<td>SOUTH WESTERN</td>
<td>0135-XXXX</td>
<td>Phase I from State and Elm Street to the Stamford Train Station. Phase II from East Main Street (RT 1) to Elm Street. Two HOV lanes plus four lanes.</td>
<td>STAMFORD TRANSITWAY STAMFORD WIDENING/HOV</td>
<td></td>
<td>Varies</td>
<td>3/3</td>
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### TABLE 1: LIST OF NETWORK CHANGES

#### 2015 NETWORK CHANGES

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<tr>
<th>REGION</th>
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<th>DESCRIPTION</th>
<th>LANES</th>
<th>TO</th>
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<tr>
<td><strong>CAPITOL</strong></td>
<td>0051-0260</td>
<td>Add EB Lane in Farmington Center. CCD 12/12/12 Long Range Plan.</td>
<td>1/1</td>
<td>2/1</td>
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<tr>
<td></td>
<td>RT 4 FARMINGTON ADD LANE</td>
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<td></td>
<td>0063-XXXX</td>
<td>Rebuild interchange from half to full. Long Range Plan. EST CCD 3-30-2014</td>
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<td></td>
<td>I84/FLATBUSH AVE. HARTFORD INTERCHANGE</td>
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<tr>
<td></td>
<td>0171-0305</td>
<td>From New Britain to Hartford, District 1 funding Hartford and New Britain. TIP CCD 8/14/2014</td>
<td>N/A</td>
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<td></td>
<td>NEW BRITAIN- HARTFORD BUSWAY</td>
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<td><strong>CENTRAL CONNECTICUT</strong></td>
<td>0088-0160</td>
<td>Extension from South Main Street to Arch Street. Congressional earmark Est. Completion After 1-1-2013, TIP.</td>
<td>0/0</td>
<td>2/2</td>
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<tr>
<td></td>
<td>HART STREET NEW BRITAIN NEW ROAD</td>
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<tr>
<td></td>
<td>0171-0305</td>
<td>From New Britain to Hartford, District 1 funding Hartford and New Britain. Long Range Plan CCD 8-14-2014</td>
<td>N/A</td>
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<td>NEW BRITAIN- HARTFORD BUSWAY</td>
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<td><strong>CENTRAL NAUGATUCK VALLEY</strong></td>
<td>0151-0296</td>
<td>Homer St. / Chase Ave Waterville St. to Nottingham Terrace Long Range Plan, CCD 1-9-2013</td>
<td>1/1</td>
<td>2/2</td>
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<td>WATERBURY WIDENING</td>
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<td></td>
<td>0151-0297</td>
<td>Chase Ave. Nottingham Terrace to North Main Street Long Range Plan CCD 21/1/2014</td>
<td>1/1</td>
<td>2/2</td>
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<td>WATERBURY WIDENING</td>
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<td></td>
<td>0151-XXXX</td>
<td>Boyden Street Extension Construct new road from Bucks Hill Rd. to North Main St. Long Range Plan</td>
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<td></td>
<td>BOYDEN ST WATERBURY EXTENSION</td>
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<td>0092-XXXX</td>
<td>Route 34</td>
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<td>NORWALK</td>
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<td>HILLSIDE ROAD</td>
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<td>I-84</td>
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<tr>
<td>VALLEY</td>
<td>0124-0165</td>
<td><strong>As of 2/15/2011 current scope from consultant is spot improvements for from Swan Ave to Franklin St</strong> Project Manager <strong>Bank Street from West Street to North Main St is full scope being reviewed by consultant</strong> Long Range Plan</td>
<td>1/1</td>
<td>2/2</td>
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<tr>
<td></td>
<td>0124-XXXX</td>
<td>Between Interchange 22 and 23; improve access.</td>
<td>N/A</td>
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<td>0124-XXXX</td>
<td>Realign interchange with new extension of Derby Road.</td>
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<td>0126-XXXX</td>
<td>Interchange 11 - Construct new SB entrance ramp, Widen Bridgeport Ave.</td>
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<td>0126-XXXX</td>
<td>Between Huntington Ave. and Constitution Boulevard</td>
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<td>HOUSATONIC VALLEY (CONT'D.)</td>
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<td>MERIDEN</td>
<td>WIDENING</td>
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<td>0083-XXXXxb</td>
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<td>0092-XXXX</td>
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<tr>
<td>0092-XXXX</td>
<td>RTE 63</td>
<td>NEW HAVEN, WOODBRIDGE</td>
<td>WIDENING</td>
<td>From Dayton St (NH) to Landin St (Wdbg)</td>
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<td>0098-XXXX</td>
<td>RTE 80</td>
<td>NO. BRANFORD</td>
<td>WIDENING</td>
<td>From East Haven TL to Doral Farms Rd and Rte 22 to Guilford TL</td>
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<tr>
<td>0106-XXXX</td>
<td>RTE 162</td>
<td>ORANGE</td>
<td>WIDENING</td>
<td>From West Haven TL to US 1</td>
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<tr>
<td>0148-XXXX</td>
<td>RTE 150</td>
<td>WALLINGFORD</td>
<td>WIDENING</td>
<td>From South Orchard St. to Ward St. and Christian Rd. to Meriden TL</td>
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<tr>
<td>0148-XXXX</td>
<td>RTE 71</td>
<td>WALLINGFORD</td>
<td>WIDENING</td>
<td>From Rte 71 overpass South of Old Colony Rd to Rte 68</td>
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<td>0156-XXXX</td>
<td>RTE 122</td>
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<td>WIDENING</td>
<td>US 1 to Elm St</td>
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<td>RTE 1</td>
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<td>WIDENING</td>
<td>Campbell Ave to Orange TL</td>
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<td>HIGHWAY NAME</td>
<td>TOWN</td>
<td>IMPROVEMENT</td>
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<td>SOUTH CENTRAL (CONT'D.)</td>
<td>0156-XXXX</td>
<td>RTE 162</td>
<td>WEST HAVEN</td>
<td>WIDENING</td>
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<td>VARIOUS TOWNS</td>
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<td>NEW COMMUTER RAIL</td>
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<td>SOUTH WESTERN</td>
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<td>I-95</td>
<td>DARIEN/STAMFORD</td>
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<td></td>
<td>0102-0269</td>
<td>US 7/RT 15</td>
<td>NORWALK</td>
<td>UPGRD EXPRESSWAY</td>
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<td>0102-0297</td>
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<td>US 7/RT 15</td>
<td>NORWALK</td>
<td>UPGRD EXPRESSWAY</td>
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</table>

TABLE 1: LIST OF NETWORK CHANGES (CONT’D.)
### TABLE 1: LIST OF NETWORK CHANGES (CONT’D.)

#### 2030 NETWORK CHANGES

<table>
<thead>
<tr>
<th>REGION</th>
<th>PROJECT NO.</th>
<th>DESCRIPTION</th>
<th>LANES</th>
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<th>TO</th>
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<td>IMPROVEMENT</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SOUTH WESTERN (CONT’D.)**

- **0102-XXXX**
  - NORWALK, GREENWICH
  - **BRT**
  - Express Bus/BRT between Norwalk and Greenwich
  - Long Range Plan
  - N/A

- **0002-XXXX**
  - ROUTE 8
  - ANSONIA
  - INTERCHANGE
  - Interchange 18 - Construct New NB entrance ramp.
  - Long Range Plan
  - NA

- **0036-XXXX**
  - ROUTE 8
  - DERBY
  - INTERCHANGE
  - Rt. 8 Interchange 16 and 17; Construct new NB ramps. Close old ramps.
  - Long Range Plan.
  - N/A

- **0126-XXXX**
  - ROUTE 8
  - SHELTON
  - INTERCHANGE
  - Interchange 14 - Construct new SB entrance ramp
  - Long Range Plan.
  - N/A
In addition, the travel model incorporates the effect of the Employer Commute Options (ECO) Program in Southwest Connecticut (part of the Connecticut Portion of the NY-NJ-LI Moderate Non-Attainment area). In response to federal legislation, Connecticut has restructured the ECO Program to emphasize voluntary participation, combined with positive incentives, to encourage employees to rideshare, use transit, and continue to expand their trip reduction activities. This program has been made available to all employers. It is felt that this process is an effective means of achieving Connecticut's clean air targets. Funding for this effort under the Congestion Management Air Quality (CMAQ) Program is included in the TIP for FY 2010/13. It is estimated that this program, if fully successful, could reduce Vehicle Miles of Travel (VMT) and mobile source VOC emissions by two percent in Southwestern Connecticut.

It should be noted that TIP and LRTP projects which have negligible impact on trip distribution and/or highway capacity have not been incorporated into the network. These include, but are not limited to, geometric improvements of existing interchanges, short sections of climbing lanes, intersection improvements, transit projects dealing with equipment for existing facilities and vehicles, and transit operating assistance. Essentially, those projects that do not impact the travel demand forecasts are not included in the networks and/or analysis.

The network-based travel model used for this analysis is the model that CTDOT utilizes for transportation planning, programming and design requirements. This travel demand model uses demographic and land use assumptions which are based on population projections for Connecticut, which were updated in the Fall of 2005 State Data Center employment
projections and utilize 2000 Census data, and population projections developed jointly by CTDOT and Connecticut's 15 RPOs.

The model uses a constrained equilibrium approach to allocate trips among links. The model was calibrated using 2009 ground counts and 2009 Highway Performance Monitoring System (HPMS) Vehicle Miles of Travel data.

Peak hour directional traffic volumes were estimated as a percentage of the ADT on a link by link basis. Based on automatic traffic recorder data, 9.0 percent, 8.5 percent, 8.0 percent and 7.5 percent of the Average Daily Traffic (ADT) occurs during the four highest hours of the day. A 55:45 directional split was assumed. Hourly volumes were then converted to Service Flow Levels (SFL) and Volume to Capacity (V/C) ratios calculated as follows:

- \( SFL = \frac{DHV \times PHF \times N}{PHF} \)
- \( VC = \frac{SFL}{C} \)

where:

- \( DHV \) = Directional Hourly Volume
- \( PHF \) = Peak Hour Factor = .9
- \( N \) = Number of lanes
- \( C \) = Capacity of lane

Peak period speeds were estimated from the 2000 Highway Capacity Manual based on the design speed, facility class, area type and the calculated V/C ratio. On the expressway
system, Connecticut-based free flow speed data was available. This data was deemed more appropriate and superceded the capacity manual speed values. The expressway free flow speeds were updated in 2005.

For the off-peak hours, traffic volume is not the controlling factor for vehicle speed. Off-peak link speeds were based on the Highway Capacity Manual free flow speeds as a function of facility class and area type. As before, Connecticut-based speed data was substituted for expressway facilities and was updated in 2005.

Two special cases exist in the modeling process: centroid connectors and intrazonal trips.

Centroid connectors represent the local roads used to gain access to the model network from centers of activity in each traffic analysis zone (TAZ). A speed of 25 mph is assumed for these links.

Intrazonal trips are trips that are too short to get on to the model network. VMT for intrazonal trips is calculated based on the size of each individual TAZ. A speed of 20 to 24 mph is assumed for the peak period and 25 to 29 mph for the off-peak period.

The Daily Vehicle Miles of Travel (DVMT) is calculated using a methodology based on disaggregate speed, converted to summer and winter VMTs, and summarized by non-attainment area, functional class, and speed. The VMT and speed profiles developed by this process are then combined with the emission factors from the \textbf{MOBILE6.2} model to produce emission estimates for each scenario and time frame. VMT data, as well as the
MOBILE6.2 input and output, may be found in the Appendix.

The following table shows the 2009 through 2040 DVMT, Action Emissions and Eight-Hour Budgets for Volatile Organic Compounds (VOC), and Nitrogen Oxides (NOX) resulting from this process.
### TABLE 2

**VMT - OZONE EMISSIONS - SIP BUDGETS**

**SERIES 29B**

<table>
<thead>
<tr>
<th>Year</th>
<th>Ozone Area</th>
<th>VMT</th>
<th>VOC</th>
<th>NOX</th>
<th>VOC</th>
<th>NOX</th>
<th>VOC</th>
<th>NOX</th>
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<td>2009</td>
<td>Ct. Portion of NY-NJ-LI area</td>
<td>51,342,464</td>
<td>26.78</td>
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<td>27.40</td>
<td>54.60</td>
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<td>47,043,284</td>
<td>24.77</td>
<td>45.33</td>
<td>26.30</td>
<td>49.20</td>
<td>-1.53</td>
<td>-3.87</td>
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<td>Greater Ct. Portion</td>
<td>55,241,176</td>
<td>13.87</td>
<td>11.01</td>
<td>26.30</td>
<td>49.20</td>
<td>-12.43</td>
<td>-38.19</td>
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</table>

**NOTE:**

1. A small reduction in VMT and emissions in the Greater Connecticut area will occur from the ECO program in the Connecticut portion of the NY-NJ-LI area due to travel between the areas.
2. VMT represents SUMMER DAILY vehicle miles of travel.
3. VOC & NOX emissions are in tons per day and are calculated using Connecticut's vehicle mix.
4. HPMS 12 Functional Class system used.
5. National Low Emission Vehicle (NLEV) program included in 2008 and all future years.
7. Series 29B run with 20 Iteration equilibrium assignment.
8. Year 2009 VMT and emissions are based on Series 28I.
In all cases, the transportation program and plan meet the required conformity test:

- Action year emissions are less than approved 2009 budgets for VOX/NOX

This analysis in no way reflects the full benefit on air quality from the transportation plan and program. The network-based modeling process is capable of assessing the impact of major new highway or transit service. It does not reflect the impact from the many projects which are categorically excluded from the requirement of conformity. These projects include numerous improvements to intersections, which will allow traffic to flow more efficiently, thus reducing delay, fuel usage and emissions. The program also includes a significant number of miles of resurfacing. Studies have shown that smooth pavement reduces fuel consumption and the attendant CO and VOC emissions. Included in the TIP but not reflected in this analysis are many projects to maintain existing rail and bus systems. Without these projects, those systems could not offer a high level of service. With them, the mass transit systems function more efficiently, with improved safety, and provide a more dependable and aesthetically appealing service. These advantages will retain existing patrons and attract additional riders to the system. The technology to quantify the air quality benefits from these programs is not currently available.

As shown in this analysis, transportation emissions are declining dramatically and will continue to do so. This is primarily due to programs such as reformulated fuels, enhanced inspection and maintenance (I/M) programs, stage two vapor recovery (area source), and the low emissions vehicles (LEV) program. Changes in the transportation system will not
produce significant emission reductions because of the massive existing rail, bus, highway systems, and land development already in place. Change in these aspects is usually marginal, producing very small impacts.

PM\textsubscript{10}

EPA previously designated the City of New Haven as non-attainment with respect to the National Ambient Air Quality Standards (NAAQS) for particulate matter with a nominal diameter of ten microns or less (PM\textsubscript{10}). The PM\textsubscript{10} non-attainment status in New Haven was a local problem stemming from activities of several businesses located in the Stiles Street section of the City. Numerous violations in the late 1980’s and early 1990’s of Section 22a-174-18 (Fugitive Dust) of CTDEP regulations in that section of the city led to a non-attainment designation (CTDEP, 1994: Narrative Connecticut Department of Environmental Protection, State Implementation Plan Revision For PM\textsubscript{10}, March 1994). Corrective actions were subsequently identified in the State Implementation Plan and implemented, with no violations of the PM\textsubscript{10} NAAQS since the mid-1990’s.

All construction activities undertaken in the City of New Haven are required to be performed in compliance with Section 22a-174-18 (Control of Particulate "Emissions") of the CTDEP regulations. All reasonable available control measures must be implemented during construction to mitigate particulate matter emissions, including wind-blown fugitive dust, mud and dirt carry out, and re-entrained fugitive emission from
mobile equipment. The projects contained in the STIP and Plans, designated within the City of New Haven, are expected to have little effect on the overall projected vehicle miles of travel for the area and are not expected to cause significant additional airborne particulate matter to be generated. The transportation projects initiated in New Haven are not designed to enhance development in the area. Therefore, the projects undertaken in this area will not have a detrimental effect on PM$_{10}$ in New Haven.

On October 13, 2005, EPA published in the Federal Register (Vol. 70, No. 197), approval of a request by CTDEP for a Limited Maintenance Plan and redesignation of the New Haven Non Attainment Area to attainment for the National Ambient Air Quality Standards for PM$_{10}$. This direct final rule became effective on December 12, 2005.

As with limited maintenance plans for other pollutants, emissions budgets are considered to satisfy transportation conformity’s “budget test”. However, future “project level” conformity determination may require “hot spot” PM$_{10}$ analyses for new transportation projects with significant diesel traffic in accordance with EPA’s Final Rule for “PM2.5 and PM10 Hot-Spot Analyses in Project-level Transportation Conformity Determinations for the New PM2.5 and Existing PM10 National Ambient Air Quality Standards” (71 FR 12467, March 10, 2006) which became effective on April 5, 2006.

PM$_{2.5}$

In December of 2004, EPA signed the final rulemaking notice to designate attainment and
non-attainment areas with respect to the Fine Particles (PM$_{2.5}$) National Ambient Air Quality Standards, becoming effective April 5, 2005. In Connecticut, Fairfield and New Haven counties are included in the New York-Northern New Jersey-Long Island, NY-NJ-CT PM$_{2.5}$ non-attainment area. Transportation plans and transportation improvement programs (TIPS) for the tri-state non-attainment area were found to be collectively conforming as of November 2006. On June 20, 2007, PM$_{2.5}$ budgets were found to be adequate for the early progress SIP. The PM$_{2.5}$ Conformity Submittal is a separate document which currently includes data specific to Connecticut’s five MPO’s contained in that non-attainment area.

MASTER TRANSPORTATION PLAN

Another criterion used to determine SIP conformity is the requirement that CTDOT make available its transportation plan to CTDEP. Accordingly, a copy of CTDOT’s 2011 Master Transportation Plan has been placed on CTDOT’s website.

TRANSPORTATION PLANNING WORK PROGRAM

ConnDOT’s FY 2011-2012 Transportation Planning Work Program contains a description of all planning efforts (including those related to air quality) to be sponsored or undertaken with federal assistance during FY 2011 and 2012. Included with this program are several tasks directly related to CTDOT’s responsibilities under Connecticut’s SIP for Air Quality. Additional functions, such as those supporting the preparation of Indirect Source Permit applications, are funded under project related tasks. This work program is available at CTDOT for review.
CONCLUSIONS

CTDOT has assessed its compliance with the applicable conformity criteria requirements of the 1990 CAAA. Based upon this analysis, it is concluded that all elements of CTDOT’s transportation program, and the Regional Long-Range Plans conform to applicable SIP and 1990 CAAA Conformity Guidance criteria and the approved interim transportation conformity budgets.

In addition to the information required for a conformity determination, the following is attached:

- Appendix B: The VMT and MOBILE6.2 tabulations for each analysis year
- Appendix C: The MOBILE6.2 input data for each analysis year (Ozone)
- Appendix D: The MOBILE6.2 output data for each analysis year (Ozone)

Travel and emission model files used in the calculation of the VMT and emissions are available on compact disk. Requests for these files or any questions regarding the analysis contained in this document may be directed to:

Connecticut Department of Transportation
Bureau of Policy and Planning
Division of Systems Information – Unit 4203
2800 Berlin Turnpike
Newington, CT. 06111
(860) 594-2032
Email: Judy.Raymond@ct.gov
APPENDIX A
INTERAGENCY CONSULTATION MEETING
Long Range Transportation Plans
Connecticut Department of Transportation
Conference Rooms A & B
March 8, 2011

Attendees:

Ken Shooshan-Stoller – FHWA
Erik Shortell - FHWA
Donald Cooke – EPA (Call in)
Paul Bodner – DEP (Call in)
Paula Gomez – DEP (Call in)
David Levasseur – OPM
Jim Larkin – NECCOG
Richard Dunne – VCOG (Call in)
Jennifer Carrier – CRCOG
Karen Olson - CRCOG
Ethan Abeles – CCRPA
Peter Dorpalen – COGCNV
Joseph Perrelli – COGCNV
Sam Gold - COGCNV
Mark Nielson – GBRPA
Megan Sloan - GBRPA
Margaret Mixon - GBRPA
Jonathan Chew – HVCEO
Stephen Dudley – SCRCOG
Sue Prosi – SWRPA
Richard Guggenheim – SECOG
Mark Paquette – WINCOG
Robert Haramut - MRPA
Thomas Maziarz – DOT
Robbin Cabelus - DOT
Maribeth Wojenski – DOT
Hugh Hayward – DOT
Eugene Colonese – DOT
Rabih Barakat – DOT
Peter Talarico – DOT
Michael Connors – DOT
Tom Borden – DOT
Paul O’Keefe – DOT
Richard Armstrong – DOT
Dean Dickinson - DOT
Jennifer Trio - DOT
Colleen Kissane- DOT
The Interagency Consultation Meeting was held in conjunction with the quarterly RPO meeting. Projects submitted as part of the regions’ Long Range Transportation Plans (LRTPs) were discussed for their Air Quality Conformity coding. Don Cooke from EPA asked if several projects listed as “widening” were reviewed to determine the actual description of the project. All projects were reviewed by DOT staff for a clearer description of the project in order to determine the Air Quality Conformity coding. All “widening” projects that were determined to be non-exempt and funded were included in the highway networks for conformity analysis determination.

Don Cooke also stated that projects listed as “unfunded” should not be included in the conformity analysis. Therefore, all unfunded projects listed in the regions LRTPs will not be included in the highway / transit networks in this conformity analysis. Don also stated that the Railroad Transit Locomotive VOC Emission Credit, taken as part of the 1995 15% Reasonable Further Progress Plan, be eliminated as the credit is no longer part of the current State Implementation Plan (SIP). Thus these credits will not be taken in this Conformity Determination, nor in any future transportation conformity determination analyses in Connecticut.

The transportation conformity analysis on the LRTP projects will be completed within the next two weeks (March 25, 2011) and both the Ozone and PM 2.5 reports will be electronically distributed to the MPOs in the appropriate non-attainment areas, FTA,
FHWA, DEP and EPA. The MPOs will need to hold a 30 day public comment and review period. At the end of this review period, the MPO will hold a Policy Board meeting to endorse the Air Quality Conformity determination.

There was also a brief discussion on the travel model and emissions software planning assumptions employed in the conformity analysis.

The schedule for this process LRTP Conformity Determination Analysis is as follows:

- MPOs transmit signed and dated Concurrence Form to judy.raymond@ct.gov by March 10, 2011.
- CTDOT Census/Modeling Unit performs the air quality analysis and sends the Air Quality Conformity Determination Reports electronically to all MPOs by March 25, 2011.
- MPOs advertise and hold a 30-day public review and comment period for the Air Quality Conformity.
- MPOs hold a Policy Board meeting approving and endorsing the Air Quality Conformity.
- MPOs transmit resolution endorsing the Air Quality Conformity to judy.raymond@ct.gov no later than May 13, 2011.

It is important that all MPOs follow this schedule to ensure that the LRTP Conformity Determinations can go forward on schedule. EPA must approve the LRTP Conformity Determination by June 29, 2011 to avoid a conformity lapse.
# Planning Assumptions

## Ozone and PM2.5

### Regions’ Long Range Transportation Plans

March 8, 2011

<table>
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<th>Planning Assumptions for Review</th>
<th>Frequency of Review*</th>
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<td>CTDEP</td>
<td>2005 Plus</td>
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<td>As SIP revised/updated</td>
<td>CTDEP</td>
<td>2009</td>
</tr>
<tr>
<td>Temperatures and Humidity</td>
<td>As SIP revised/updated</td>
<td>CTDEP</td>
<td>X</td>
</tr>
<tr>
<td>Control Strategies</td>
<td>Each conformity round</td>
<td>CTDEP</td>
<td>X</td>
</tr>
<tr>
<td>HPMS VMT</td>
<td>Each conformity round</td>
<td>CTDOT</td>
<td>2009</td>
</tr>
</tbody>
</table>

* Review of Planning Assumptions does not necessarily prelude an update or calibration of the travel demand model.
APPENDIX B

Ozone Emission Runs
## Ozone Emissions

**Greater Connecticut - Moderate 8 Hour**

<table>
<thead>
<tr>
<th>Facility</th>
<th>VOC (tons per day)</th>
<th>NOX (tons per day)</th>
<th>Summer VMT (Kilograms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expressway</td>
<td>5.91</td>
<td>11.58</td>
<td>18937848</td>
</tr>
<tr>
<td>Arterial/Collector</td>
<td>9.29</td>
<td>8.87</td>
<td>23954396</td>
</tr>
<tr>
<td>Local</td>
<td>2.16</td>
<td>1.52</td>
<td>4011521</td>
</tr>
<tr>
<td>Ramp</td>
<td>0.23</td>
<td>0.31</td>
<td>634786</td>
</tr>
<tr>
<td><strong>Totals (in tons per day)</strong></td>
<td><strong>17.59</strong></td>
<td><strong>22.28</strong></td>
<td><strong>47538552</strong></td>
</tr>
<tr>
<td></td>
<td><strong>15918.84</strong></td>
<td><strong>20161.73</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Summer VMT Totals:**

- **NY/NJ/CT Moderate Area**: 51770104.
- **Greater CT Moderate Area**: 47538552.
- **Statewide Total**: 99308656.
MOBILE 6.2
--- Ozone Emissions ---
NY/NJ/CT Area - Moderate 8 Hour

<table>
<thead>
<tr>
<th>Facility</th>
<th>VOC</th>
<th>NOX</th>
<th>Summer VMT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(tons per day)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Expressway</td>
<td>7.90</td>
<td>15.01</td>
<td>25254982.0</td>
</tr>
<tr>
<td>Arterial/Collector</td>
<td>8.79</td>
<td>8.23</td>
<td>21652092.0</td>
</tr>
<tr>
<td>Local</td>
<td>2.15</td>
<td>1.53</td>
<td>4081946.0</td>
</tr>
<tr>
<td>Ramp</td>
<td>0.28</td>
<td>0.38</td>
<td>781082.0</td>
</tr>
<tr>
<td><strong>Totals (in tons per day)</strong></td>
<td><strong>19.11</strong></td>
<td><strong>25.16</strong></td>
<td><strong>51770104.0</strong></td>
</tr>
<tr>
<td></td>
<td>(Kilograms per day)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>17298.56</td>
<td>22768.24</td>
<td>51770104.0</td>
</tr>
</tbody>
</table>

Summer VMT Totals:
- NY/NJ/CT Moderate Area 51770104.
- Greater CT Moderate Area 47538552.
- Statewide Total 99308656.
### MOBILE 6.2
--- Ozone Emissions ---
Greater Connecticut - Moderate 8 Hour

<table>
<thead>
<tr>
<th>Facility</th>
<th>VOC</th>
<th>NOX</th>
<th>Summer VMT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(tons per day)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Expressway</td>
<td>4.10</td>
<td>5.36</td>
<td>20288632.</td>
</tr>
<tr>
<td>Arterial/Collector</td>
<td>7.08</td>
<td>5.45</td>
<td>26343764.</td>
</tr>
<tr>
<td>Local</td>
<td>1.70</td>
<td>0.91</td>
<td>4392060.</td>
</tr>
<tr>
<td>Ramp</td>
<td>0.16</td>
<td>0.16</td>
<td>682820.</td>
</tr>
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</table>

Totals (in tons per day) 13.04 11.88 51707276.
(Kilograms per day) 11799.37 10754.00

Summer VMT Totals:
- NY/NJ/CT Moderate Area 55459560.
- Greater CT Moderate Area 51707276.
- Statewide Total 107166832.
### MOBILE 6.2
--- Ozone Emissions ---
NY/NJ/CT Area - Moderate 8 Hour

<table>
<thead>
<tr>
<th>Facility</th>
<th>VOC (tons per day)</th>
<th>NOX (tons per day)</th>
<th>Summer VMT (Kilograms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expressway</td>
<td>5.50</td>
<td>6.92</td>
<td>26810568</td>
</tr>
<tr>
<td>Arterial/Collector</td>
<td>6.69</td>
<td>4.98</td>
<td>23408518</td>
</tr>
<tr>
<td>Local</td>
<td>1.67</td>
<td>0.91</td>
<td>4411280</td>
</tr>
<tr>
<td>Ramp</td>
<td>0.19</td>
<td>0.20</td>
<td>829193</td>
</tr>
</tbody>
</table>

Totals (in tons per day) 14.06 13.01 55459560
(Kilograms per day) 12723.67 11769.89

Summer VMT Totals:

- NY/NJ/CT Moderate Area 55459560.
- Greater CT Moderate Area 51707276.
- Statewide Total 107166832.
## M O B I L E 6.2
--- Ozone Emissions ---
Greater Connecticut - Moderate 8 Hour

<table>
<thead>
<tr>
<th>Facility</th>
<th>VOC (tons per day)</th>
<th>NOX (tons per day)</th>
<th>Summer VMT (Kilograms per day)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expressway</td>
<td>4.22</td>
<td>4.53</td>
<td>21374596.</td>
</tr>
<tr>
<td>Arterial/Collector</td>
<td>7.67</td>
<td>5.44</td>
<td>28397360.</td>
</tr>
<tr>
<td>Local</td>
<td>1.81</td>
<td>0.90</td>
<td>4755205.</td>
</tr>
<tr>
<td>Ramp</td>
<td>0.17</td>
<td>0.15</td>
<td>714015.</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>13.87</strong></td>
<td><strong>11.01</strong></td>
<td><strong>55241176.</strong></td>
</tr>
</tbody>
</table>

Summer VMT Totals:

- NY/NJ/CT Moderate Area: 58307232.58
- Greater CT Moderate Area: 55241176.00
- Statewide Total: 113548408.00
--- Ozone Emissions ---
NY/NJ/CT Area - Moderate 8 Hour

<table>
<thead>
<tr>
<th>Facility</th>
<th>VOC (tons per day)</th>
<th>NOX (tons per day)</th>
<th>Summer VMT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expressway</td>
<td>5.60</td>
<td>5.84</td>
<td>28007988.</td>
</tr>
<tr>
<td>Arterial/Collector</td>
<td>7.00</td>
<td>4.85</td>
<td>24710896.</td>
</tr>
<tr>
<td>Local</td>
<td>1.76</td>
<td>0.88</td>
<td>4722121.</td>
</tr>
<tr>
<td>Ramp</td>
<td>0.20</td>
<td>0.18</td>
<td>866226.</td>
</tr>
<tr>
<td><strong>Totals (in tons per day)</strong></td>
<td><strong>14.57</strong></td>
<td><strong>11.76</strong></td>
<td><strong>58307232.</strong></td>
</tr>
<tr>
<td>(Kilograms per day)</td>
<td>13181.40</td>
<td>10639.65</td>
<td></td>
</tr>
</tbody>
</table>

Summer VMT Totals:

- NY/NJ/CT Moderate Area 58307232.
- Greater CT Moderate Area 55241176.
- Statewide Total 113548408.
--- Ozone Emissions ---
Greater Connecticut - Moderate 8 Hour

<table>
<thead>
<tr>
<th>Facility</th>
<th>VOC</th>
<th>NOX</th>
<th>Summer VMT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(tons per day)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Expressway</td>
<td>4.31</td>
<td>4.60</td>
<td>21720076.</td>
</tr>
<tr>
<td>Arterial/Collector</td>
<td>8.06</td>
<td>5.68</td>
<td>29489254.</td>
</tr>
<tr>
<td>Local</td>
<td>1.88</td>
<td>0.93</td>
<td>4929726.</td>
</tr>
<tr>
<td>Ramp</td>
<td>0.17</td>
<td>0.15</td>
<td>720852.</td>
</tr>
<tr>
<td>Totals (in tons per day)</td>
<td>14.42</td>
<td>11.36</td>
<td>56859908.</td>
</tr>
<tr>
<td></td>
<td>(Kilograms per day)</td>
<td>13048.18</td>
<td>10278.25</td>
</tr>
</tbody>
</table>

Summer VMT Totals:
- NY/NJ/CT Moderate Area: 59477812.
- Greater CT Moderate Area: 56859908.
- Statewide Total: 116337720.
<table>
<thead>
<tr>
<th>Facility</th>
<th>VOC</th>
<th>NOX</th>
<th>Summer VMT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(tons per day)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Expressway</td>
<td>5.68</td>
<td>5.91</td>
<td>28397252.</td>
</tr>
<tr>
<td>Arterial/Collector</td>
<td>7.24</td>
<td>4.99</td>
<td>25334512.</td>
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<tr>
<td>Local</td>
<td>1.82</td>
<td>0.91</td>
<td>4867783.</td>
</tr>
<tr>
<td>Ramp</td>
<td>0.20</td>
<td>0.18</td>
<td>878266.</td>
</tr>
<tr>
<td><strong>Totals (in tons per day)</strong></td>
<td><strong>14.94</strong></td>
<td><strong>11.99</strong></td>
<td><strong>59477812.</strong></td>
</tr>
<tr>
<td></td>
<td>(Kilograms per day)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>13523.72</td>
<td>10852.14</td>
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</tr>
</tbody>
</table>

**Summer VMT Totals:**

- NY/NJ/CT Moderate Area 59477812.
- Greater CT Moderate Area 56859908.
- Statewide Total 116337720.
APPENDIX C

MOBILE 6.2 Input Files
MOBILE6 INPUT FILE:
* For VOC and NOx Only
SPREADSHEET:
DATABASE OUTPUT:
POLLUTANTS: HC NOX
DATABASE OPTIONS: CTdb.opt

RUN DATA
> 2015 input file for DOT; created 9/4/03 PMB
> Updated for VMT fractions, new CTIM and speed files 10/05 jbr
>********************Fairfield Expressway *****************************************************
* Northeast NLEV inputs
94+ LDG IMP: NLEVNE.D
* Fuel Data
FUEL PROGRAM: 2 N
NO REFUELING:
* Use 2002 registration age distribution data.
REG DIST: CTREG05.D
EXPRESS HC AS VOC:
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE: CTIM05pl.d
ANTI-TAMP PROG: 83 71 50 22222 2111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR: CTHVMT.def
SPEED VMT: z:\SER29b\2015\15svmtls.cty
VMT BY FACILITY: FCVMTA.CTY
* 2015 expressway/ramp VMT fractions
VMT FRACTIONS:
0.3226 0.1920 0.3396 0.1946 0.0262 0.0226 0.0026 0.0021
0.0006 0.0059 0.0070 0.0075 0.0268 0.0013 0.0007 0.0014
SCENARIO RECORD: Fairfield County 2015 O3 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR: 2015
EVALUATION MONTH: 7
FUEL RVP: 6.8
* Weather Data for SWCT NA area
MIN/MAX TEMP: 66.5 91.6
RELATIVE HUMIDITY: 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1
END OF RUN
>******************Fairfield Arterials/Collectors ***************************
* Northeast NLEV inputs
94+ LDG IMP: NLEVNE.D
* Fuel Data
FUEL PROGRAM: 2 N
NO REFUELING:
REG DIST: CTREG05.D
EXPRESS HC AS VOC:
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE: CTIM05pl.d
ANTI-TAMP PROG: 83 71 50 22222 2111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR: CTHVMT.def
SPEED VMT: z:\SER29b\2015\15svmtls.cty
VMT BY FACILITY: FCVMTA.CTY
* 2015 arterial/collector VMT fractions
VMT FRACTIONS:
0.3397 0.1074 0.3575 0.1101 0.0507 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085
SCENARIO RECORD: Fairfield County 2015 O3 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR: 2015
EVALUATION MONTH: 7
FUEL RVP: 6.8
* Weather Data for SWCT NA area
MIN/MAX TEMP: 66.5 91.6
RELATIVE HUMIDITY: 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1
END OF RUN
>******************Fairfield Local *******************************************
* Northeast NLEV inputs
94+ LDG IMP: NLEVNE.D
* Fuel Data
FUEL PROGRAM: 2 N
NO REFUELING:
REG DIST: CTREG05.D
EXPRESS HC AS VOC:
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE: CTIM05pl.d
ANTI-TAMP PROG: 83 71 50 22222 2111111 1 12 096. 12111112
* VMT Data
  VMT BY HOUR  : CTHVMT.def
  SPEED VMT    : z:\SER29b\2015\15svmtl.cty
  VMT BY FACILITY  : FCVMTL.CTY

* 2015 local VMT fractions
  VMT FRACTIONS  :
  0.3389  0.1071  0.3567  0.1099  0.0505  0.0088  0.0004  0.0002  0.0001  0.0005  0.0020  0.0023  0.0025  0.0090  0.0004  0.0002  0.0096
  SCENARIO RECORD  :
  0.3226  0.1020  0.3396  0.1046  0.0481  0.0262  0.0021
  0.0010  0.0007  0.0007  0.0007  0.0007  0.0007  0.0007
  EVALUATION MONTH  :
  0.0068  0.0007  0.0007  0.0007  0.0007  0.0007  0.0007
  SCENARIO RECORD  :
  Fairfield County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
  EVALUATION MONTH  :
  7
  FUEL RVP  : 6.8

* Weather Data for SWCT NA area
  MIN/MAX TEMP  :
  66.5 91.6
  RELATIVE HUMIDITY  :
  84.0 74.5 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
  56.9 66.0 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1
  END OF RUN

>***************************Fairfield Ramp ********************************************

* Northeast NLEV inputs
  94+ LDG IMP  : NLEVNE.D

* Fuel Data
  FUEL PROGRAM  : 2 N
  REG DIST      :

EXPRESS HC AS VOC  :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
  I/M DESC FILE  : CTIM05pl.d
  ANTI-TAMP PRG  :

I/M DESC FILE  :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
  EVALUATION MONTH  :
  7
  FUEL RVP  : 6.8

* Weather Data for SWCT NA area
  MIN/MAX TEMP  :
  66.5 91.6
  RELATIVE HUMIDITY  :
  84.0 74.5 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
  56.9 66.0 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1
  END OF RUN

>**************************Hartford Expressway ******************************************

* Northeast NLEV inputs
  94+ LDG IMP  : NLEVNE.D

* Fuel Data
  FUEL PROGRAM  : 2 N
  REG DIST      :

EXPRESS HC AS VOC  :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
  I/M DESC FILE  : CTIM05pl.d
  ANTI-TAMP PRG  :

I/M DESC FILE  :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
  EVALUATION MONTH  :
  7
  FUEL RVP  : 6.8

* Weather Data for SWCT NA area
  MIN/MAX TEMP  :
  67.7 95.5
  RELATIVE HUMIDITY  :
  86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
  END OF RUN

>***************************Hartford Expressway ******************************************

* Northeast NLEV inputs
  94+ LDG IMP  : NLEVNE.D

* Fuel Data
  FUEL PROGRAM  : 2 N
  REG DIST      :

EXPRESS HC AS VOC  :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
  I/M DESC FILE  : CTIM05pl.d
  ANTI-TAMP PRG  :

I/M DESC FILE  :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
  EVALUATION MONTH  :
  7
  FUEL RVP  : 6.8

* Weather Data for SWCT NA area
  MIN/MAX TEMP  :
  67.7 95.5
  RELATIVE HUMIDITY  :
  86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
  END OF RUN

>***************************Hartford Arterials/Collectors **************************
* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTRREG05.D

EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIMGspl.d
ANTI-TAMP PROG : 83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2015\15svmt2s.c ty
VMT BY FACILITY : FCVMTA.CTY

* 2015 arterial/collector VMT fractions
VMT FRACTIONS
0.3397 0.1874 0.3575 0.1101 0.0507 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0000 0.0004 0.0002 0.0005

SCENARIO RECORD : Hartford County 2015 03 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2015
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>******************Hartford Local *******************************************

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTRREG05.D

EXPRESS HC AS VOC :
I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIMGspl.d
ANTI-TAMP PROG : 83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2015\15svmt2s.c ty
VMT BY FACILITY : FCVMTA.CTY

* 2015 local VMT fractions
VMT FRACTIONS
0.3389 0.1071 0.3567 0.1099 0.0505 0.0088 0.0009 0.0007
0.0005 0.0020 0.0023 0.0025 0.0096 0.0004 0.0002 0.0006

SCENARIO RECORD : Hartford County 2015 03 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2015
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*******************Hartford Ramp ****************************************************

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTRREG05.D

EXPRESS HC AS VOC :
I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIMGspl.d
ANTI-TAMP PROG : 83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2015\15svmt2s.c ty
VMT BY FACILITY : FCVMTR.CTY

* 2015 expressway/ramp VMT fractions
VMT FRACTIONS
0.3226 0.1020 0.3396 0.1046 0.0481 0.0262 0.0026 0.0021
0.0016 0.0055 0.0070 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : Hartford County 2015 03 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2015
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>********************Litchfield Expressway ***********************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D
* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTREG05.D
EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG :
83 71 50 22222 21111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2015\15svmt3s.cty
VMT BY FACILITY : FCVMTA.CTY
* 2015 expressway/ramp VMT fractions
VMT FRACTIONS :
SCENARIO RECORD : Litchfield County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2015
EVALUATION MONTH : 7
FUEL RVP : 6.8
* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>********************Litchfield Arterials/Collectors *******************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D
* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTREG05.D
EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG :
83 71 50 22222 21111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2015\15svmt3s.cty
VMT BY FACILITY : FCVMTA.CTY
* 2015 arterial/collector VMT fractions
VMT FRACTIONS :
SCENARIO RECORD : Litchfield County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2015
EVALUATION MONTH : 7
FUEL RVP : 6.8
* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>********************Litchfield Local *********************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D
* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTREG05.D
EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG :
83 71 50 22222 21111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2015\15svmt3s.cty

END OF RUN
VMT BY FACILITY : FCVMTL.CTY

* 2015 local VMT fractions

VMT FRACTIONS:
0.3389  0.1071  0.3567  0.1099  0.0505  0.0088  0.0009  0.0007
0.0005  0.0020  0.0023  0.0025  0.0090  0.0004  0.0002  0.0096

SCENARIO RECORD : Litchfield County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2015
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

SCENARIO RECORD : Litchfield County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2015
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>**************************************************Litchfield Ramp ******************************************************

* Northeast NLEV inputs

94+ LDG IMP : NLEVNE.D

* Fuel Data

FUEL PROGRAM : 2 N
NO REFUELING :

REG DIST : CTRREG5.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.d
ANTI-TAMP PROG :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data

VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2015\15svmt3s.cty

VMT BY FACILITY : FCVMTF.CTY

* 2015 expressway/ramp VMT fractions

VMT FRACTIONS:
0.3226  0.1020  0.3396  0.1046  0.0481  0.0262  0.0026  0.0021
0.0016  0.0059  0.0070  0.0075  0.0268  0.0013  0.0007  0.0014

SCENARIO RECORD : Middlesex County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2015
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GCT NA area
MIN/MAX TEMP : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
56.9 60.0 63.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>**************************************************Middlesex Expressway ******************************************************

* Northeast NLEV inputs

94+ LDG IMP : NLEVNE.D

* Fuel Data

FUEL PROGRAM : 2 N
NO REFUELING :

REG DIST : CTRREG5.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.d
ANTI-TAMP PROG :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data

VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2015\15svmt4s.cty

VMT BY FACILITY : FCVMTF.CTY

* 2015 expressway/ramp VMT fractions

VMT FRACTIONS:
0.3226  0.1020  0.3396  0.1046  0.0481  0.0262  0.0026  0.0021
0.0016  0.0059  0.0070  0.0075  0.0268  0.0013  0.0007  0.0014

SCENARIO RECORD : Middlesex County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2015
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GCT NA area
MIN/MAX TEMP : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
56.9 60.0 63.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>****************************************************Middlesex Arterials/Collectors ****************************************************

* Northeast NLEV inputs

94+ LDG IMP : NLEVNE.D

* Fuel Data

FUEL PROGRAM : 2 N
NO REFUELING :

REG DIST : CTRREG5.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.d
ANTI-TAMP PROG :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data

VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2015\15svmt5s.cty

VMT BY FACILITY : FCVMTF.CTY

* 2015 expressway/ramp VMT fractions

VMT FRACTIONS:
0.3226  0.1020  0.3396  0.1046  0.0481  0.0262  0.0026  0.0021
0.0016  0.0059  0.0070  0.0075  0.0268  0.0013  0.0007  0.0014

SCENARIO RECORD : Middlesex County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2015
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
56.9 60.0 63.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>****************************************************Middlesex Arterials/Collectors ****************************************************
EXPRESS HC AS VOC:

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE: CTIM05pl.D
ANTI-TAMP PROG: 83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR: CTHVMT.def
SPEED VMT: z:\SER29b\2015\15svmt4s.cty
VMT BY FACILITY: FCVMTA.CTY

* 2015 arterial/collector VMT fractions
VMT FRACTIONS:
0.3397 0.1874 0.3575 0.1101 0.5007 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD: Middlesex County 2015 O3 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR: 2015
EVALUATION MONTH: 7
FUEL RVP: 6.8

* Weather Data for SMCT NA area
MIN/MAX TEMP: 66.5 91.6
RELATIVE HUMIDITY: 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 48.9
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>******************Middlesex Local ***********************

* Northeast NLEV inputs
94+ LDG IMP: NLEVNE.D

* Fuel Data
FUEL PROGRAM: 2 N
NO REFUELING:

REG DIST: CTREG05.D

EXPRESS HC AS VOC:

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE: CTIM05pl.D
ANTI-TAMP PROG: 83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR: CTHVMT.def
SPEED VMT: z:\SER29b\2015\15svmt4s.cty
VMT BY FACILITY: FCVMTA.CTY

* 2015 expressway/ramp VMT fractions
VMT FRACTIONS:
0.3226 0.1020 0.3396 0.1046 0.0481 0.0262 0.0021 0.0016
0.0059 0.0070 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD: Middlesex County 2015 O3 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR: 2015
EVALUATION MONTH: 7
FUEL RVP: 6.8

* Weather Data for SMCT NA area
MIN/MAX TEMP: 66.5 91.6
RELATIVE HUMIDITY: 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>*******************Middlesex Ramp *******************************************************
New Haven Expressway

Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :

REG DIST : CTREGB05.D

Express HC AS VOC :

I/M Data: reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.d
ANTI-TAMP PROG :

VMT Data
VMT BY HOUR : CTPVMT.def
SPEED VMT : z:\SER29b\2015\15svmt5s.cty
VMT BY FACILITY : FCVMTF.CTY

VMT FRACTIONS :

END OF RUN

New Haven Arterials/Collectors

Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :

REG DIST : CTREGB05.D

Express HC AS VOC :

I/M Data: reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.d
ANTI-TAMP PROG :

VMT Data
VMT BY HOUR : CTPVMT.def
SPEED VMT : z:\SER29b\2015\15svmt5s.cty
VMT BY FACILITY : FCVMTL.CTY

VMT FRACTIONS :

END OF RUN

New Haven Local

Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :

REG DIST : CTREGB05.D

Express HC AS VOC :

I/M Data: reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.d
ANTI-TAMP PROG :

VMT Data
VMT BY HOUR : CTPVMT.def
SPEED VMT : z:\SER29b\2015\15svmt5s.cty
VMT BY FACILITY : FCVMTL.CTY

VMT FRACTIONS :

END OF RUN

END OF RUN

END OF RUN

END OF RUN
ANTI-TAMP PROG:
83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTVMVT.def
SPEED VMT : z:\SER29b\2015\15svmt6s.cty
VMT BY FACILITY : FCVMITA.CTY

* 2015 arterial/collector VMT fractions
VMT FRACTIONS:
0.3397 0.1074 0.3575 0.1101 0.0057 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD: New London County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR: 2015
EVALUATION MONTH: 7
FUEL RVP: 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP: 67.7 95.5
RELATIVE HUMIDITY: 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>******************New London  Local  *******************************************

* Northeast NLEV inputs
94+ LDG IMP: NLEVNE.D

* Fuel Data
FUEL PROGRAM: 2 N
NO REFUELING: N
REG DIST: CTREG05.D

EXPRESS HC AS VOC:
* I/M Data; reflects assumed Agbar OBD/ASM/idle tests
I/M DESC FILE: CTIM05pl.d
ANTI-TAMP PROG:
83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTVMVT.def
SPEED VMT : z:\SER29b\2015\15svmt6s.cty
VMT BY FACILITY : FCVMTR.CTY

* 2015 local VMT fractions
VMT FRACTIONS:
0.3389 0.1071 0.3567 0.1099 0.0505 0.0088 0.0009 0.0007
0.0005 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD: New London County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR: 2015
EVALUATION MONTH: 7
FUEL RVP: 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP: 67.7 95.5
RELATIVE HUMIDITY: 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*******************New London Ramp  **********************************************

* Northeast NLEV inputs
94+ LDG IMP: NLEVNE.D

* Fuel Data
FUEL PROGRAM: 2 N
NO REFUELING: N
REG DIST: CTREG05.D

EXPRESS HC AS VOC:
* I/M Data; reflects assumed Agbar OBD/ASM/idle tests
I/M DESC FILE: CTIM05pl.d
ANTI-TAMP PROG:
83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTVMVT.def
SPEED VMT : z:\SER29b\2015\15svmt6s.cty
VMT BY FACILITY : FCVMTR.CTY

* 2015 expressway/ramp VMT fractions
VMT FRACTIONS:
0.3226 0.1020 0.3396 0.1046 0.0481 0.0262 0.0026 0.0021
0.0016 0.0059 0.0070 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD: New London County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR: 2015
EVALUATION MONTH: 7
FUEL RVP: 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP: 67.7 95.5
RELATIVE HUMIDITY: 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*********************Tolland Expressway  ***************
**Fuel Data**

FUEL PROGRAM : 2 N

NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests

I/M DESC FILE : CTIM05pl.d

ANTI-TAMP PROG : 83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data

VMT BY HOUR : CTHVMT.def

SPEED VMT : z:\SER29b\2015\15svmt7a.cty

VMT BY FACILITY : FCVMTA.CTY

* 2015 expressway/ramp VMT fractions

VMT FRACTIONS : 0.3226 0.1920 0.3396 0.1046 0.0481 0.0262 0.0026 0.0021 0.0016 0.0059 0.0070 0.0268 0.0013 0.0007 0.0026

SCENARIO RECORD : Tolland County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RPG2

CALENDAR YEAR : 2015

EVALUATION MONTH : 7

FUEL RVP : 6.8

* Weather Data for GRCT NA area

MIN/MAX TEMP : 67.7 95.5

RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7

END OF RUN

>***************************Tolland Arterials/Collectors***************************

* Northeast NLEV inputs

94+ LOG IMP : NLEVNE.D

* Fuel Data

FUEL PROGRAM : 2 N

NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests

I/M DESC FILE : CTIM05pl.b

ANTI-TAMP PROG : 83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data

VMT BY HOUR : CTHVMT.def

SPEED VMT : z:\SER29b\2015\15svmt7a.cty

VMT BY FACILITY : FCVMTA.CTY

* 2015 arterial/collector VMT fractions

VMT FRACTIONS : 0.3397 0.1071 0.3567 0.1099 0.0505 0.0088 0.0009 0.0007 0.0005 0.0020 0.0023 0.0025 0.0004 0.0002 0.0085

SCENARIO RECORD : Tolland County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RPG2

CALENDAR YEAR : 2015

EVALUATION MONTH : 7

FUEL RVP : 6.8

* Weather Data for GRCT NA area

MIN/MAX TEMP : 67.7 95.5

RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7

END OF RUN

>***************************Tolland Local***************************

* Northeast NLEV inputs

94+ LOG IMP : NLEVNE.D

* Fuel Data

FUEL PROGRAM : 2 N

NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests

I/M DESC FILE : CTIM05pl.b

ANTI-TAMP PROG : 83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data

VMT BY HOUR : CTHVMT.def

SPEED VMT : z:\SER29b\2015\15svmt7a.cty

VMT BY FACILITY : FCVMTL.CTY

* 2015 local VMT fractions

VMT FRACTIONS : 0.3389 0.1071 0.3567 0.1099 0.0505 0.0088 0.0009 0.0007 0.0005 0.0020 0.0023 0.0025 0.0004 0.0002 0.0085

SCENARIO RECORD : Tolland County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RPG2

CALENDAR YEAR : 2015

EVALUATION MONTH : 7

FUEL RVP : 6.8
* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>**************************Tolland Ramp ****************************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING : N
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests 
I/M DESC FILE : CTIM05pl.d
ANTI-TAMP PROG : 83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTVMT.def
SPED VMT : z:\SER29b\2015\15svm7s.cty
VMT BY FACILITY : FCVMTF.CTY

* 2015 expressway/ramp VMT fractions
VMT FRACTIONS :
0.3226 0.1020 0.3396 0.1046 0.0481 0.0262 0.0026 0.0021
0.0016 0.0059 0.0007 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : Tolland County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2015
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*******************Windham Expressway ****************************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING : N
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests 
I/M DESC FILE : CTIM05pl.d
ANTI-TAMP PROG : 83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTVMT.def
SPED VMT : z:\SER29b\2015\15svm7s.cty
VMT BY FACILITY : FCVMTF.CTY

* 2015 expressway/ramp VMT fractions
VMT FRACTIONS :
0.3226 0.1020 0.3396 0.1046 0.0481 0.0262 0.0026 0.0021
0.0016 0.0059 0.0007 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : Windham County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2015
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>******************Windham Arterials/Collectors ***************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING : N
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests 
I/M DESC FILE : CTIM05pl.d
ANTI-TAMP PROG : 83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTVMT.def
SPED VMT : z:\SER29b\2015\15svm7s.cty
VMT BY FACILITY : FCVMTF.CTY

* 2015 expressway/ramp VMT fractions
VMT FRACTIONS :
0.3226 0.1020 0.3396 0.1046 0.0481 0.0262 0.0026 0.0021
0.0016 0.0059 0.0007 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : Windham County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2015
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>***************Windham Arterials/Collectors ****************************************************
VMT BY FACILITY : FCVMTA.CTY

* 2015 arterial/collector VMT fractions

VMT FRACTIONS:
0.3397  0.1074  0.3575  0.1101  0.0507  0.0084  0.0008  0.0007  0.0005  0.0019  0.0022  0.0024  0.0086  0.0004  0.0002  0.0085

SCENARIO RECORD : Windham County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2015
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7 47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN

>******************Windham Local *******************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :

REG DIST : CTREG05.D

EXPRESSION HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D

ANTI-TAMP PROG : 83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2015\15svmt8s.cty
VMT BY FACILITY : FCVMTL.CTY

* 2015 local VMT fractions
VMT FRACTIONS:
0.3389  0.1071  0.3567  0.1099  0.0505  0.0088  0.0009  0.0007  0.005  0.0023  0.0025  0.0098  0.0064  0.0002  0.0096

SCENARIO RECORD : Windham County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2015
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7 47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN

>*******************Windham Ramp ******************************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :

REG DIST : CTREG05.D

EXPRESSION HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D

ANTI-TAMP PROG : 83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2015\15svmt8s.cty
VMT BY FACILITY : FCVMTR.CTY

* 2015 expressway/ramp VMT fractions
VMT FRACTIONS:
0.3226  0.1020  0.3396  0.1046  0.0481  0.0262  0.0026  0.0021  0.0016  0.0059  0.0070  0.0268  0.0013  0.0007  0.0014

SCENARIO RECORD : Windham County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2015
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7 47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN
MOBILE INPUT FILE:
* For VOC and NOx Only
SPREADSHEET:
DATABASE OUTPUT:
POLLUTANTS:
HC NOX
DATABASE OPTIONS: CTdb.opt

RUN DATA
> 2025 input file for DOT, created 9/4/03 PMB
> Updated for VMT fractions, new CTIM and speed files 10/05 jbr
>
>********************Fairfield Expressway ***********************

* Northeast NLEV inputs
94+ LDG IMP: NLEVNE.D
* Fuel Data
FUEL PROGRAM: 2N
NO REFUELING:
* Use 2002 registration age distribution data.
REG DIST: CTRG05.D
EXPRESS HC AS VOC:
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE: CTIM05pl.d
ANTI-TAMP PROG:
83 71 50 ZZZZZZ 2111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR: CTVMT.def
SPEED VMT: z:\SER29b\2025\25svmtls.cty
VMT BY FACILITY: FCVMTF.CTY
* 2025 expressway/ramp VMT fractions
VMT FRACTIONS:
0.2936 0.1870 0.3560 0.1097 0.0505 0.0262 0.0026 0.0022
0.0017 0.0059 0.0069 0.0075 0.0028 0.0013 0.0007 0.0014
* Weather Data for SWCT NA area
MIN/MAX TEMP: 66.5 91.6
RELATIVE HUMIDITY:
74.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
56.9 62.0 89.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1
END OF RUN

>******************Fairfield Arterials/Collectors ********************

* Northeast NLEV inputs
94+ LDG IMP: NLEVNE.D
* Fuel Data
FUEL PROGRAM: 2N
NO REFUELING:
REG DIST: CTRG05.D
EXPRESS HC AS VOC:
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE: CTIM05pl.d
ANTI-TAMP PROG:
* VMT Data
VMT BY HOUR: CTVMT.def
SPEED VMT: z:\SER29b\2025\25svmtls.cty
VMT BY FACILITY: FCVMTA.CTY
* 2025 arterial/collector VMT fractions
VMT FRACTIONS:
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0008 0.0004 0.0002 0.0005
* Weather Data for SWCT NA area
MIN/MAX TEMP: 66.5 91.6
RELATIVE HUMIDITY:
74.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
56.9 62.0 89.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1
END OF RUN

>******************Fairfield Local **********************

* Northeast NLEV inputs
94+ LDG IMP: NLEVNE.D
* Fuel Data
FUEL PROGRAM: 2N
NO REFUELING:
REG DIST: CTRG05.D
EXPRESS HC AS VOC:
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE: CTIM05pl.d
ANTI-TAMP PROG:
* VMT Data
VMT BY HOUR   : CTHVMT.def
SPEED VMT    : z:\SER29b\2025\25svmt1s.cty
VMT BY FACILITY : FCVMTL.CTY
* 2025 local VMT fractions
VMT FRACTIONS:
0.3087  0.1123  0.3738  0.1152  0.0530  0.0088  0.0009  0.0007  0.0006  0.0020  0.0023  0.0025  0.0090  0.0004  0.0002  0.0096 56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1
SCENARIO RECORD : Fairfield County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2025
EVALUATION MONTH: 7
FUEL RVP        : 6.8
* Weather Data for SWCT NA area
MIN/MAX TEMP   : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.0 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9 56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1
END OF RUN

>*******************Fairfield Ramp ****************************

* Northeast NLEV inputs
94+ LDG IMP    : NLEVNE.D
* Fuel Data
FUEL PROGRAM  : 2 N
NO REFUELING   :
REG DIST       : CTREG05.D
EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIMGp1.d
ANTI-TAMP PROG:
83 71 50 22222 2111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR   : CTHVMT.def
SPEED VMT    : z:\SER29b\2025\25svmt1s.cty
VMT BY FACILITY : FCVMTL.CTY
* 2025 expressway/ramp VMT fractions
VMT FRACTIONS:
0.2936  0.1070  0.3560  0.1097  0.0505  0.0262  0.0026  0.0022  0.0017  0.0059  0.0075  0.0268  0.0013  0.0007  0.0014 56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1
SCENARIO RECORD : Fairfield County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2025
EVALUATION MONTH: 7
FUEL RVP        : 6.8
* Weather Data for SWCT NA area
MIN/MAX TEMP   : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.0 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9 56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1
END OF RUN

>********************Hartford Expressway ****************************

* Northeast NLEV inputs
94+ LDG IMP    : NLEVNE.D
* Fuel Data
FUEL PROGRAM  : 2 N
NO REFUELING   :
REG DIST       : CTREG05.D
EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIMGp1.d
ANTI-TAMP PROG:
83 71 50 22222 2111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR   : CTHVMT.def
SPEED VMT    : z:\SER29b\2025\25svmt2s.cty
VMT BY FACILITY : FCVMTF.CTY
* 2025 expressway/ramp VMT fractions
VMT FRACTIONS:
0.2936  0.1070  0.3560  0.1097  0.0505  0.0262  0.0026  0.0022  0.0017  0.0059  0.0075  0.0268  0.0013  0.0007  0.0014 56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1
SCENARIO RECORD : Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2025
EVALUATION MONTH: 7
FUEL RVP        : 6.8
* Weather Data for GRCT NA area
MIN/MAX TEMP   : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 42.8 41.4 44.3 45.8 49.9 47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN

>******************Hartford Arterials/Collectors *****************************

* Northeast NLEV inputs
94+ LDG IMP    : NLEVNE.D
* Fuel Data
FUEL PROGRAM  : 2 N
NO REFUELING   :
REG DIST       : CTREG05.D
EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIMGp1.d
ANTI-TAMP PROG:
83 71 50 22222 2111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR   : CTHVMT.def
SPEED VMT    : z:\SER29b\2025\25svmt2s.cty
VMT BY FACILITY : FCVMTF.CTY
* 2025 expressway/ramp VMT fractions
VMT FRACTIONS:
0.2936  0.1070  0.3560  0.1097  0.0505  0.0262  0.0026  0.0022  0.0017  0.0059  0.0075  0.0268  0.0013  0.0007  0.0014
SCENARIO RECORD : Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2025
EVALUATION MONTH: 7
FUEL RVP        : 6.8
* Weather Data for GRCT NA area
MIN/MAX TEMP   : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 42.8 41.4 44.3 45.8 49.9 47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN

>***************Hartford Arterials/Collectors *****************************

* Northeast NLEV inputs
94+ LDG IMP    : NLEVNE.D
* Fuel Data
  FUEL PROGRAM : 2 N
  NO REFUELING :
  REG DIST : CTRREG05.D

  EXPRESS HC AS VOC :
  * I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
  I/M DESC FILE : CTIM05pl.d
  ANTI-TAMP PROG :
  83 71 50 22222 21111111 1 12 096. 12111112
  * VMT Data
  VMT BY HOUR : CTHVMT.def
  SPEED VMT : z:\SER29b\2025\25svmt2s.cty
  VMT BY FACILITY : FCVMTA.CTY

  * 2025 arterial/collector VMT fractions
  VMT FRACTIONS:
  0.3094  0.1126  0.3747  0.1155  0.0084  0.0008  0.007
  0.0005  0.0019  0.0020  0.0016  0.0004  0.0002  0.0000  0.0000

  SCENARIO RECORD : Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
  CALENDAR YEAR : 2025
  EVALUATION MONTH : 7
  FUEL RVP : 6.8

  * Weather Data for GRCT NA area
  MIN/MAX TEMP : 67.7 95.5
  RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>******************Hartford  Local *******************************************

* Northeast NLEV inputs
  94+ LPG IMP : NLEVNE.D

* Fuel Data
  FUEL PROGRAM : 2 N
  NO REFUELING :
  REG DIST : CTRREG05.D

  EXPRESS HC AS VOC :
  * I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
  I/M DESC FILE : CTIM05pl.d
  ANTI-TAMP PROG :
  83 71 50 22222 21111111 1 12 096. 12111112
  * VMT Data
  VMT BY HOUR : CTHVMT.def
  SPEED VMT : z:\SER29b\2025\25svmt2s.cty
  VMT BY FACILITY : FCVMTL.CTY

  * 2025 local VMT fractions
  VMT FRACTIONS:
  0.3087  0.1123  0.3738  0.1152  0.0530  0.0088  0.0009  0.0007
  0.0006  0.0020  0.0023  0.0025  0.0098  0.0004  0.0002  0.0002

  SCENARIO RECORD : Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
  CALENDAR YEAR : 2025
  EVALUATION MONTH : 7
  FUEL RVP : 6.8

  * Weather Data for GRCT NA area
  MIN/MAX TEMP : 67.7 95.5
  RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*******************Hartford Ramp ****************************************************

* Northeast NLEV inputs
  94+ LPG IMP : NLEVNE.D

* Fuel Data
  FUEL PROGRAM : 2 N
  NO REFUELING :
  REG DIST : CTRREG05.D

  EXPRESS HC AS VOC :
  * I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
  I/M DESC FILE : CTIM05pl.d
  ANTI-TAMP PROG :
  83 71 50 22222 21111111 1 12 096. 12111112
  * VMT Data
  VMT BY HOUR : CTHVMT.def
  SPEED VMT : z:\SER29b\2025\25svmt2s.cty
  VMT BY FACILITY : FCVMTR.CTY

  * 2025 expressway/ramp VMT fractions
  VMT FRACTIONS:
  0.2936  0.1070  0.3560  0.1097  0.0505  0.0262  0.0026  0.0022
  0.0017  0.0059  0.0069  0.0075  0.0268  0.0013  0.0007  0.0004

  SCENARIO RECORD : Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
  CALENDAR YEAR : 2025
  EVALUATION MONTH : 7
  FUEL RVP : 6.8
* Weather Data for GRCT NA area
MIN/MAX TEMP: 67.7 95.5
RELATIVE HUMIDITY: 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN

>********************Litchfield Expressway ***********************************************

* Northeast NLEV inputs
94+ LDG IMP: NLEVNE.D
* Fuel Data
FUEL PROGRAM: 2 N
NO REFUELING:
REG DIST: CTREG05.D
EXPRESS HC AS VOC:
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE: CTIM05pl.d
ANTI-TAMP PRG:
83 71 50 22222 2111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR: CTHVMT.def
SPEED VMT: z:\SER29b\2025\25svmt3s.cty
VMT BY FACILITY: FCVMTA.CTY
* 2025 expressway/ramp VMT fractions
VMT FRACTIONS:
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0094 0.0004 0.0002 0.0085
SCENARIO RECORD: Litchfield County 2025 03 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR: 2025
EVALUATION MONTH: 7
FUEL RVP: 6.8
* Weather Data for GRCT NA area
MIN/MAX TEMP: 67.7 95.5
RELATIVE HUMIDITY: 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN

>******************Litchfield Arterials/Collectors *********************************************

* Northeast NLEV inputs
94+ LDG IMP: NLEVNE.D
* Fuel Data
FUEL PROGRAM: 2 N
NO REFUELING:
REG DIST: CTREG05.D
EXPRESS HC AS VOC:
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE: CTIM05pl.d
ANTI-TAMP PRG:
83 71 50 22222 2111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR: CTHVMT.def
SPEED VMT: z:\SER29b\2025\25svmt3s.cty
VMT BY FACILITY: FCVMTA.CTY
* 2025 arterial/collector VMT fractions
VMT FRACTIONS:
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0094 0.0004 0.0002 0.0085
SCENARIO RECORD: Litchfield County 2025 03 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR: 2025
EVALUATION MONTH: 7
FUEL RVP: 6.8
* Weather Data for GRCT NA area
MIN/MAX TEMP: 67.7 95.5
RELATIVE HUMIDITY: 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN

>******************Litchfield Local **********************************************************

* Northeast NLEV inputs
94+ LDG IMP: NLEVNE.D
* Fuel Data
FUEL PROGRAM: 2 N
NO REFUELING:
REG DIST: CTREG05.D
EXPRESS HC AS VOC:
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE: CTIM05pl.d
ANTI-TAMP PRG:
83 71 50 22222 2111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR: CTHVMT.def
SPEED VMT: z:\SER29b\2025\25svmt3s.cty
**VMT BY FACILITY : FCVMTL.CTY**

* 2025 local VMT fractions

**VMT FRACTIONS :**

0.3087  0.1123  0.3738  0.1152  0.0530  0.0088  0.0009  0.0007  0.0006  0.0020  0.0023  0.0025  0.0090  0.0004  0.0002  0.0096

**SCENARIO RECORD :** Litchfield County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

**CALENDAR YEAR :** 2025

**EVALUATION MONTH :** 7

**FUEL RVP :** 6.8

* Weather Data for GRCT NA area

**MIN/Max TEMP :** 67.7 95.5

**RELATIVE HUMIDITY :** 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7

47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>********************Litchfield Ramp ****************************************************

* Northeast NLEV inputs

**94+ LDG IMP : NLEVNE.D**

* Fuel Data

**FUEL PROGRAM :** 2 N

**NO REFUELING :**

**REG DIST :** CTRB05.D

**EXPRESS HC AS VOC :**

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests

**I/M DESC FILE :** CTIM05p1.d

**ANTI-TAMP PROG :** 83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data

**VMT BY HOUR :** CFVMT.de

**SPEED VMT :** z:\SER29b\2025\25svmt3s.cty

**VMT BY FACILITY :** FCVMTL.CTY

* 2025 expressway/ramp VMT fractions

**VMT FRACTIONS :**

0.2936  0.1070  0.3560  0.1097  0.0505  0.0262  0.0026  0.0022  0.0017  0.0059  0.0069  0.0075  0.0268  0.0013  0.0007  0.0014

**SCENARIO RECORD :** Litchfield County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

**CALENDAR YEAR :** 2025

**EVALUATION MONTH :** 7

**FUEL RVP :** 6.8

* Weather Data for GRCT NA area

**MIN/Max TEMP :** 67.7 95.5

**RELATIVE HUMIDITY :** 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7

47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>********************Middlesex Expressway ****************************************************

* Northeast NLEV inputs

**94+ LDG IMP : NLEVNE.D**

* Fuel Data

**FUEL PROGRAM :** 2 N

**NO REFUELING :**

**REG DIST :** CTRB05.D

**EXPRESS HC AS VOC :**

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests

**I/M DESC FILE :** CTIM05p1.d

**ANTI-TAMP PROG :** 83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data

**VMT BY HOUR :** CFVMT.de

**SPEED VMT :** z:\SER29b\2025\25svmt4s.cty

**VMT BY FACILITY :** FCVMTF.CTY

* 2025 expressway/ramp VMT fractions

**VMT FRACTIONS :**

0.2936  0.1070  0.3560  0.1097  0.0505  0.0262  0.0026  0.0022  0.0017  0.0059  0.0069  0.0075  0.0268  0.0013  0.0007  0.0014

**SCENARIO RECORD :** Middlesex County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

**CALENDAR YEAR :** 2025

**EVALUATION MONTH :** 7

**FUEL RVP :** 6.8

* Weather Data for SWCT NA area

**MIN/Max TEMP :** 66.5 91.6

**RELATIVE HUMIDITY :** 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9

56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>******************Middlesex Arterials/Collectors **********************************************
EXPRESS HC AS VOC:

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE: CTIM05pl.d
ANTI-TAMP PROG: 83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR: CTHVMT.def
SPEED VMT: z:\SER29\b\2025\25vmt4s.cty
VMT BY FACILITY: FCVMTL.CTY

* 2025 arterial/collector VMT fractions
VMT FRACTIONS
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007 0.0005 0.0019 0.0022 0.0024 0.0036 0.0004 0.0004 0.0005

SCENARIO RECORD: Middlesex County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR: 2025
EVALUATION MONTH: 7
FUEL RVP: 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP: 66.5 91.6
RELATIVE HUMIDITY: 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9 56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>**************Middlesex Local *******************Middlesex Local ***************

* Northeast NLEV inputs
94+ LDG IMP: NLEVNE.D

* Fuel Data
FUEL PROGRAM: 2 N
NO REFUELING:

REG DIST: CTREG05.D

EXPRESS HC AS VOC:

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE: CTIM05pl.d
ANTI-TAMP PROG: 83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR: CTHVMT.def
SPEED VMT: z:\SER29\b\2025\25vmt4s.cty
VMT BY FACILITY: FCVMTL.CTY

* 2025 local VMT fractions
VMT FRACTIONS
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007 0.0006 0.0023 0.0025 0.0090 0.0004 0.0002 0.0006

SCENARIO RECORD: Middlesex County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR: 2025
EVALUATION MONTH: 7
FUEL RVP: 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP: 66.5 91.6
RELATIVE HUMIDITY: 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9 56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>**************Middlesex Ramp ***************Middlesex Ramp ********************

* Northeast NLEV inputs
94+ LDG IMP: NLEVNE.D

* Fuel Data
FUEL PROGRAM: 2 N
NO REFUELING:

REG DIST: CTREG05.D

EXPRESS HC AS VOC:

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE: CTIM05pl.d
ANTI-TAMP PROG: 83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR: CTHVMT.def
SPEED VMT: z:\SER29\b\2025\25vmt4s.cty
VMT BY FACILITY: FCVMTL.CTY

* 2025 expressway/ramp VMT fractions
VMT FRACTIONS
0.2936 0.1070 0.3560 0.1097 0.0505 0.0262 0.0026 0.0022 0.0017 0.0059 0.0069 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD: Middlesex County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR: 2025
EVALUATION MONTH: 7
FUEL RVP: 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP: 66.5 91.6
RELATIVE HUMIDITY: 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9 56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN
New Haven Expressway

Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTRREG05.D

Express HC as VOC :

I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.d
ANTI-TAMP PROG : 83 71 50 22222 21111111 1 12 096. 12111112

VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2025\25svmt5s.cty
VMT BY FACILITY : FCVMTF.CTY

2025 expressway/ramp VMT fractions
VMT FRACTIONS :
0.2936  0.1070  0.3560  0.0505  0.0262  0.0022
0.0017  0.0059  0.0069  0.0075  0.0268  0.0013
0.0007

Scenario Record : New Haven County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
Calendar Year : 2025
Evaluation MONTH : 7
FUEL RVP : 6.8

Weather Data for SWCT NA area
MIN/MAX TEMP : 66.5 91.6
RELATIVE HUMIDITY :
1.0000  0.7400  0.6500  0.5900  0.5300  0.4800  0.4500  0.4200  0.4100  0.4400  0.4500
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

New Haven Arterials.Collectors

Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTRREG05.D

Express HC as VOC :

I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.d
ANTI-TAMP PROG : 83 71 50 22222 21111111 1 12 096. 12111112

VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2025\25svmt5s.cty
VMT BY FACILITY : FCVMTA.CTY

2025 arterial/collector VMT fractions
VMT FRACTIONS :
0.3094  0.1126  0.3747  0.1155  0.0532  0.0084
0.0008  0.0007

Scenario Record : New Haven County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
Calendar Year : 2025
Evaluation MONTH : 7
FUEL RVP : 6.8

Weather Data for SWCT NA area
MIN/MAX TEMP : 66.5 91.6
RELATIVE HUMIDITY :
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

New Haven Local

Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTRREG05.D

Express HC as VOC :

I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.d
ANTI-TAMP PROG : 83 71 50 22222 21111111 1 12 096. 12111112

VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2025\25svmt5s.cty
VMT BY FACILITY : FCVMTL.CTY

2025 local VMT fractions
VMT FRACTIONS :
0.3087  0.1123  0.3738  0.1152  0.0530  0.0088
0.0009  0.0007
0.0006  0.0020  0.0023  0.0025  0.0098  0.0004
0.0002  0.0096

END OF RUN
SCENARIO RECORD: New Haven County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR: 2025
EVALUATION MONTH: 7
FUEL RVP: 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP: 66.5 91.6
RELATIVE HUMIDITY: 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1
END OF RUN

>********************New Haven Ramp ****************************************************
* Northeast NLEV inputs
94+ LDG IMP: NLEVNE.D
* Fuel Data
FUEL PROGRAM: 2 N
NO REFUELING:
REG DIST: CTREG05.D
EXPRESS HC AS VOC:
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE: CTIM05pl.d
ANTI-TAMP PROG:
* VMT Data
VMT BY HOUR: CTVMTM.def
SPEED VMT: z:\SER29b\2025\25svmt5s.cty
VMT BY FACILITY: FCVMTF.CTY
* 2025 expressway/ramp VMT fractions
VMT FRCTIONS:
0.2936 0.1870 0.3560 0.1097 0.0505 0.0262 0.0026 0.0022 0.0017 0.0059 0.0069 0.0075 0.0268 0.0013 0.0007 0.0014
SCENARIO RECORD: New London County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR: 2025
EVALUATION MONTH: 7
FUEL RVP: 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP: 66.5 91.6
RELATIVE HUMIDITY: 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1
END OF RUN

>********************New London Expressway ****************************************************
* Northeast NLEV inputs
94+ LDG IMP: NLEVNE.D
* Fuel Data
FUEL PROGRAM: 2 N
NO REFUELING:
REG DIST: CTREG05.D
EXPRESS HC AS VOC:
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE: CTIM05pl.d
ANTI-TAMP PROG:
* VMT Data
VMT BY HOUR: CTVMTM.def
SPEED VMT: z:\SER29b\2025\25svmt6s.cty
VMT BY FACILITY: FCVMTF.CTY
* 2025 expressway/ramp VMT fractions
VMT FRCTIONS:
0.2936 0.1870 0.3560 0.1097 0.0505 0.0262 0.0026 0.0022 0.0017 0.0059 0.0069 0.0075 0.0268 0.0013 0.0007 0.0014
SCENARIO RECORD: New London County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR: 2025
EVALUATION MONTH: 7
FUEL RVP: 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP: 67.7 95.5
RELATIVE HUMIDITY: 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN

>********************New London Arterials/Collectors ****************************************************
* Northeast NLEV inputs
94+ LDG IMP: NLEVNE.D
* Fuel Data
FUEL PROGRAM: 2 N
NO REFUELING:
REG DIST: CTREG05.D
EXPRESS HC AS VOC:
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE: CTIM05pl.d
ANTI-TAMP PROG:
* VMT Data
VMT BY HOUR: CTVMTM.def
SPEED VMT: z:\SER29b\2025\25svmt6s.cty
VMT BY FACILITY: FCVMTF.CTY
* 2025 expressway/ramp VMT fractions
VMT FRCTIONS:
0.2936 0.1870 0.3560 0.1097 0.0505 0.0262 0.0026 0.0022 0.0017 0.0059 0.0069 0.0075 0.0268 0.0013 0.0007 0.0014
SCENARIO RECORD: New London County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR: 2025
EVALUATION MONTH: 7
FUEL RVP: 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP: 67.7 95.5
RELATIVE HUMIDITY: 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN

>********************New London Expressway ****************************************************
* Northeast NLEV inputs
94+ LDG IMP: NLEVNE.D
* Fuel Data
FUEL PROGRAM: 2 N
NO REFUELING:
REG DIST: CTREG05.D
EXPRESS HC AS VOC:
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE: CTIM05pl.d
ANTI-TAMP PROG:
* VMT Data
VMT BY HOUR: CTVMTM.def
SPEED VMT: z:\SER29b\2025\25svmt6s.cty
VMT BY FACILITY: FCVMTF.CTY
* 2025 expressway/ramp VMT fractions
VMT FRCTIONS:
0.2936 0.1870 0.3560 0.1097 0.0505 0.0262 0.0026 0.0022 0.0017 0.0059 0.0069 0.0075 0.0268 0.0013 0.0007 0.0014
SCENARIO RECORD: New London County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR: 2025
EVALUATION MONTH: 7
FUEL RVP: 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP: 67.7 95.5
RELATIVE HUMIDITY: 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN

>********************New London Arterials/Collectors ****************************************************
* Northeast NLEV inputs
94+ LDG IMP: NLEVNE.D
* Fuel Data
FUEL PROGRAM: 2 N
NO REFUELING:
REG DIST: CTREG05.D
EXPRESS HC AS VOC:
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE: CTIM05pl.d
ANTI-TAMP PROG:
END OF RUN

>******************New London Local *******************************************
* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D
* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTREG05.D
EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM tests
I/M DESC FILE : CTIM05pl.d
ANTI-TAMP PROG :
83 71 50 22222 2111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2025\25svmt6s.cty
VMT BY FACILITY : FCVMTR.CTY
* 2025 local VMT fractions
VMT FRACTIONS :
0.3087  0.1070  0.3560  0.1097  0.0505  0.0262  0.0026  0.0022
0.0017  0.0059  0.0069  0.0075  0.0268  0.0013  0.0007  0.0014
SCENARIO RECORD : New London County 2025 O3 SEASON w/OBD/ASM/I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2025
EVALUATION MONTH : 7
FUEL RVP : 6.8
* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY :
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN

>*******************New London Ramp *****************************************************
* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D
* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTREG05.D
EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM tests
I/M DESC FILE : CTIM05pl.d
ANTI-TAMP PROG :
83 71 50 22222 2111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2025\25svmt6s.cty
VMT BY FACILITY : FCVMTR.CTY
* 2025 expressway/ramp VMT fractions
VMT FRACTIONS :
0.2936  0.1070  0.3560  0.1097  0.0505  0.0262  0.0026  0.0022
0.0017  0.0059  0.0069  0.0075  0.0268  0.0013  0.0007  0.0014
SCENARIO RECORD : New London County 2025 O3 SEASON w/OBD/ASM/I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2025
EVALUATION MONTH : 7
FUEL RVP : 6.8
* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY :
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN

>********************Tolland Expressway *****************************************************
* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D
* Fuel Data
FUEL PROGRAM       : 2 N
NO REFUELING       :
REG DIST           : CTREG05.D
EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE      : CTIM05pl.d
ANTI-TAMP PROG    :
83 71 50 22222 2111111 1 12 096.12111112

* VMT Data
VMT BY HOUR        : CTHVMT.def
SPEED VMT          : z:\SER29b\2025\25svmt7s.cty
VMT BY FACILITY    : FCVMTA.CTY

* 2025 expressway/ramp VMT fractions
VMT FRACTIONS      :
0.2936 0.1070 0.3560 0.1097 0.0505 0.0262 0.0013 0.0027 0.0014
0.0017 0.0089 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD  : Tolland County 2025 03 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
FUEL RVP           : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP       : 67.7 95.5
RELATIVE HUMIDITY  : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>******************Tolland Arterials/Collectors ******************

* Northeast NLEV inputs
94+ LDG IMP        : NLEVNE.D

* Fuel Data
FUEL PROGRAM       : 2 N
NO REFUELING       :
REG DIST           : CTREG05.D
EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE      : CTIM05pl.d
ANTI-TAMP PROG    :
83 71 50 22222 21111111 1 12 096.12111112

* VMT Data
VMT BY HOUR        : CTHVMT.def
SPEED VMT          : z:\SER29b\2025\25svmt7s.cty
VMT BY FACILITY    : FCVMTL.CTY

* 2025 arterial/collector VMT fractions
VMT FRACTIONS      :
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD  : Tolland County 2025 03 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
FUEL RVP           : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP       : 67.7 95.5
RELATIVE HUMIDITY  : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>******************Tolland Local **********************

* Northeast NLEV inputs
94+ LDG IMP        : NLEVNE.D

* Fuel Data
FUEL PROGRAM       : 2 N
NO REFUELING       :
REG DIST           : CTREG05.D
EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE      : CTIM05pl.d
ANTI-TAMP PROG    :
83 71 50 22222 21111111 1 12 096.12111112

* VMT Data
VMT BY HOUR        : CTHVMT.def
SPEED VMT          : z:\SER29b\2025\25svmt7s.cty
VMT BY FACILITY    : FCVMTL.CTY

* 2025 local VMT fractions
VMT FRACTIONS      :
0.3087 0.1123 0.3738 0.1152 0.0538 0.0088 0.0009 0.0007
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD  : Tolland County 2025 03 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
FUEL RVP           : 6.8
* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>********************Tolland Ramp ****************************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.d
ANTI-TAMP PROG : 83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2025\25svmt7s.cty
VMT BY FACILITY : FCVMTF.CTY

* 2025 expressway/ramp VMT fractions
VMT FRACTIONS :
0.2936 0.1070 0.3560 0.1097 0.0505 0.0262 0.0026 0.0022
0.0017 0.0059 0.0069 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : Tolland County 2025 O3 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2025
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>********************Windham Expressway ****************************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.d
ANTI-TAMP PROG : 83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2025\25svmt8s.cty
VMT BY FACILITY : FCVMTF.CTY

* 2025 expressway/ramp VMT fractions
VMT FRACTIONS :
0.2936 0.1070 0.3560 0.1097 0.0505 0.0262 0.0026 0.0022
0.0017 0.0059 0.0069 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : Windham County 2025 O3 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2025
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>********************Windham Arterials/Collectors ***************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.d
ANTI-TAMP PROG : 83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2025\25svmt8s.cty
VMT BY FACILITY : FCVMTA.CTY
* 2025 arterial/collector VMT fractions

VMT FRACTIONS
0.3094  0.1126  0.3747  0.1155  0.0532  0.0084  0.0008  0.0007  0.0005
  0.0010  0.0009  0.0022  0.0008  0.0000  0.0001  0.0002  0.0008

SCENARIO RECORD : Windham County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2025
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>******************Windham Local ****************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG :
83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTHVMT.D
SPEED VMT : z:\SER29b\2025\25svmt8s.cty
VMT BY FACILITY : FCVMTL.CTY

* 2025 local VMT fractions
VMT FRACTIONS
0.3097  0.1123  0.3738  0.1151  0.0529  0.0087  0.0009  0.0007  0.0006
  0.0020  0.0023  0.0025  0.0098  0.0004  0.0002  0.0096

SCENARIO RECORD : Windham County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2025
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*******************Windham Ramp ********************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG :

* VMT Data
VMT BY HOUR : CTHVMT.D
SPEED VMT : z:\SER29b\2025\25svmt8s.cty
VMT BY FACILITY : FCVMTL.CTY

* 2025 expressway/ramp VMT fractions
VMT FRACTIONS
0.2936  0.1070  0.3560  0.1097  0.0505  0.0262  0.0206  0.0022
  0.0017  0.0059  0.0069  0.0075  0.0268  0.0013  0.0007  0.0014

SCENARIO RECORD : Windham County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2025
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN
MOBILE6 INPUT FILE : * For VOC and NOx Only
SPREADSHEET : DATABASE OUTPUT :
POLUTANTS : HC NOX DATABASE OPTIONS : CTdb.opt

RUN DATA
> 2035 input file for DOT; created 08/17/06 JBR
> Updated for VMT fractions, new CTIM and speed files 10/05 JBR
> *********************************************Fairfield Expressway *********************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :

* Use 2002 registration age distribution data.
REG DIST : CTPREG05.D

EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05p1.D
ANTI-TAMP PROG :
83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2035\35svmt1s.cty
VMT BY FACILITY : FCVMTA.CTY

* 2035 expressway/ramp VMT fractions
VMT FRACTIONS
0.2038 0.1870 0.3561 0.1097 0.0505 0.0026 0.0022 0.0016 0.0089
0.0076 0.0038 0.0087 0.0013 0.0090 0.0014

SCENARIO RECORD : Fairfield County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN
> *********************************************Fairfield Arterials/Collectors *********************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :

REG DIST : CTPREG05.D

EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05p1.D
ANTI-TAMP PROG :
83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2035\35svmt1s.cty
VMT BY FACILITY : FCVMTA.CTY

* 2035 arterial/collector VMT fractions
VMT FRACTIONS
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : Fairfield County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN
> *********************************************Fairfield Local *********************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :

REG DIST : CTPREG05.D

EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05p1.D
ANTI-TAMP PROG :
83 71 50 22222 2111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR: CTHVMT.def
SPEED VMT: z:\SER29b\2035\35svmt1s.cty
VMT BY FACILITY: FCVMTR.CTY

* 2035 local VMT fractions
VMT FRACTIONS:
0.3087 0.1123 0.3738 0.0530 0.0088 0.0007 0.0006 0.0023
0.0025 0.0090 0.0004 0.0002 0.0022 0.0096

SCENARIO RECORD: Fairfield County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR: 2035
EVALUATION MONTH: 7
FUEL RVP: 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP: 66.5 91.6
RELATIVE HUMIDITY: 84.0 74.5 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9 56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>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TypeInfo...
* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING:
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG : 83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTVMNT.def
SPEED VMT : z:\SER29b\2035\35svmt2s.cty
VMT BY FACILITY : FCMVTL.CTY

* 2035 arterial/collector VMT fractions
VMT FRACTIONS
0.3094  0.1126  0.3747  0.1155  0.0532  0.0084  0.0008  0.0007
0.0005  0.0019  0.0023  0.0024  0.0026  0.0028  0.0030  0.0032  0.0035

SCENARIO RECORD : Hartford County 2035 03 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>******************Hartford Local *******************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING:
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG : 83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTVMNT.def
SPEED VMT : z:\SER29b\2035\35svmt2s.cty
VMT BY FACILITY : FCMVTL.CTY

* 2035 local VMT fractions
VMT FRACTIONS
0.3087  0.1123  0.3738  0.1152  0.0530  0.0088  0.0009  0.0008
0.0008  0.0020  0.0023  0.0025  0.0026  0.0028  0.0030  0.0035

SCENARIO RECORD : Hartford County 2035 03 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*******************Hartford Ramp *****************************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING:
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG : 83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTVMNT.def
SPEED VMT : z:\SER29b\2035\35svmt2s.cty
VMT BY FACILITY : FCMVTR.CTY

* 2035 expressway/ramp VMT fractions
VMT FRACTIONS
0.2938  0.1070  0.3561  0.1097  0.0505  0.0261  0.0026  0.0023
0.0016  0.0039  0.0049  0.0050  0.0067  0.0075  0.0087  0.0094

SCENARIO RECORD : Hartford County 2035 03 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 69.0 46.5 41.2 40.4 38.8 40.8 43.7 47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>********************Litchfield Expressway **********************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING : 
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG : 
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTVMVT.def
SPEED VMT : z:\SER29b\2035\35svmt3s.cty
VMT BY FACILITY : FCVMTF.CTY

* Scenario Record
SCENARIO RECORD : Litchfield County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 69.0 46.5 41.2 40.4 38.8 40.8 43.7 47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>******************Litchfield Arterials/Collectors *************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING : 
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG : 
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTVMVT.def
SPEED VMT : z:\SER29b\2035\35svmt3s.cty
VMT BY FACILITY : FCVMTL.CTY

* Scenario Record
SCENARIO RECORD : Litchfield County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 69.0 46.5 41.2 40.4 38.8 40.8 43.7 47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>******************Litchfield Local ***********************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING : 
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG : 
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTVMVT.def
SPEED VMT : z:\SER29b\2035\35svmt3s.cty
VMT BY FACILITY : FCVMTL.CTY

* Scenario Record
SCENARIO RECORD : Litchfield County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 69.0 46.5 41.2 40.4 38.8 40.8 43.7 47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>********************Litchfield Local ***********************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING : 
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG : 
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTVMVT.def
SPEED VMT : z:\SER29b\2035\35svmt3s.cty
VMT BY FACILITY : FCVMTL.CTY

* Scenario Record
SCENARIO RECORD : Litchfield County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 69.0 46.5 41.2 40.4 38.8 40.8 43.7 47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN
* 2035 local VMT fractions
VMT FRACTIONS
0.3087  0.1123  0.3738  0.1152  0.0530  0.0088  0.0009  0.0007  0.0006  0.0020  0.0023  0.0025  0.0090  0.0004  0.0002  0.0096
SCENARIO RECORD : Litchfield County 2020 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7 47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>********************Litchfield Ramp ****************************************************
* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D
* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTREG05.D
EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG : 83 71 50 22222 2111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR : CTVMVMT.def
SPEED VMT : z:\SER29b\2035\35svmt3s.cty
VMT BY FACILITY : FCVMTR.CTY
* 2035 expressway/ramp VMT fractions
VMT FRACTIONS
0.2938  0.1070  0.3561  0.1097  0.0505  0.0261  0.0026  0.0022  0.0016  0.0059  0.0069  0.0075  0.0267  0.0013  0.0007  0.0014
SCENARIO RECORD : Litchfield County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9 56.9 66.0 89.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 90.1

END OF RUN

>********************Middlesex Expressway ****************************************************
* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D
* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTREG05.D
EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG : 83 71 50 22222 21111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR : CTVMVMT.def
SPEED VMT : z:\SER29b\2035\35svmt3s.cty
VMT BY FACILITY : FCVMTR.CTY
* 2035 expressway/ramp VMT fractions
VMT FRACTIONS
0.2938  0.1070  0.3561  0.1097  0.0505  0.0261  0.0026  0.0022  0.0016  0.0059  0.0069  0.0075  0.0267  0.0013  0.0007  0.0014
SCENARIO RECORD : Middlesex County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7 47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN

>********************Middlesex Arterials/Collectors ***************************
EXPRESS HC AS VOC:

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG : 83 71 50 22222 211111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29\2035\35svmt4s.cty
VMT BY FACILITY : FCVMTA.CTY

* 2035 arterial/collector VMT fractions
VMT FRACTIONS :
0.3094  0.1126  0.3747  0.1155  0.0532  0.0084  0.0008  0.0007
0.0005  0.0019  0.0022  0.0024  0.0086  0.0004  0.0002  0.0085

SCENARIO RECORD : Middlesex County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP : 66.5 91.6
RELATIVE HUMIDITY : 56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>******************Middlesex Local *******************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D
* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTREG05.D

EXPRESS HC AS VOC:

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG : 83 71 50 22222 211111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29\2035\35svmt4s.cty
VMT BY FACILITY : FCVMTL.CTY

* 2035 local VMT fractions
VMT FRACTIONS :
0.2938  0.1070  0.3561  0.1097  0.0505  0.0261  0.0026  0.0022
0.0016  0.0059  0.0009  0.0075  0.0267  0.0013  0.0007  0.0014

SCENARIO RECORD : Middlesex County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP : 66.5 91.6
RELATIVE HUMIDITY : 56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>******************Middlesex Ramp *****************************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D
* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTREG05.D

EXPRESS HC AS VOC:

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG : 83 71 50 22222 211111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29\2035\35svmt4s.cty
VMT BY FACILITY : FCVMTR.CTY

* 2035 expressway/ramp VMT fractions
VMT FRACTIONS :
0.2938  0.1070  0.3561  0.1097  0.0505  0.0261  0.0026  0.0022
0.0016  0.0059  0.0009  0.0075  0.0267  0.0013  0.0007  0.0014

SCENARIO RECORD : Middlesex County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP : 66.5 91.6
RELATIVE HUMIDITY : 56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1
END OF RUN

>******************New Haven Expressway****************************************************

* Northeast NLEV inputs
  94+ LDG IMP : NLEVNE.D

* Fuel Data
  FUEL PROGRAM : 2 N
  NO REFUELING :

  REG DIST : CTRLEG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
  I/M DESC FILE : CTIM5pl.D
  ANTI-TAMP PROG :

  83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
  VMT BY HOUR : CTHVMT.def
  SPEED VMT : z:\SER29b\2035\35svmt5s.cty
  VMT BY FACILITY : FCVMTA.CTY

* 2035 expressway/ramp VMT fractions
  VMT FRACTIONS :
  0.3094  0.1126  0.3747  0.1155  0.0532  0.0088  0.0009  0.0007
  0.0005  0.0019  0.0022  0.0006  0.0004  0.0002  0.0004

SCENARIO RECORD : New Haven County 2035 O3 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for SWCT NA area
  MIN/MAX TEMP : 66.5 91.6
  RELATIVE HUMIDITY :
  56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>******************New Haven Arterials/Collectors****************************************************

* Northeast NLEV inputs
  94+ LDG IMP : NLEVNE.D

* Fuel Data
  FUEL PROGRAM : 2 N
  NO REFUELING :

  REG DIST : CTRLEG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
  I/M DESC FILE : CTIM5pl.D
  ANTI-TAMP PROG :

  83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
  VMT BY HOUR : CTHVMT.def
  SPEED VMT : z:\SER29b\2035\35svmt5s.cty
  VMT BY FACILITY : FCVMTA.CTY

* 2035 arterial/collector VMT fractions
  VMT FRACTIONS :
  0.3094  0.1126  0.3747  0.1155  0.0532  0.0088  0.0009  0.0007
  0.0005  0.0019  0.0022  0.0006  0.0004  0.0002  0.0004

SCENARIO RECORD : New Haven County 2035 O3 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for SWCT NA area
  MIN/MAX TEMP : 66.5 91.6
  RELATIVE HUMIDITY :
  56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>******************New Haven Local****************************************************

* Northeast NLEV inputs
  94+ LDG IMP : NLEVNE.D

* Fuel Data
  FUEL PROGRAM : 2 N
  NO REFUELING :

  REG DIST : CTRLEG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
  I/M DESC FILE : CTIM5pl.D
  ANTI-TAMP PROG :

  83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
  VMT BY HOUR : CTHVMT.def
  SPEED VMT : z:\SER29b\2035\35svmt5s.cty
  VMT BY FACILITY : FCVMTL.CTY

* 2035 local VMT fractions
  VMT FRACTIONS :
  0.3087  0.1123  0.3738  0.1152  0.0538  0.0088  0.0009  0.0007

END OF RUN

>******************New Haven Local *******************************************************
SCENARIO RECORD : New Haven County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8
* Weather Data for SWCT NA area
MIN/MAX TEMP : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1
END OF RUN

>*******************New Haven Ramp *******************************************************
* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D
* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTREG05.D
EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG :
83 71 50 22222 21111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2035\35svmt5s.cty
VMT BY FACILITY : FCVMTF.CTY
* 2035 expressway/ramp VMT fractions
VMT FRACTIONS :
0.2938 0.1070 0.3561 0.1097 0.0505 0.0261 0.0026 0.0022
0.0016 0.0059 0.0069 0.0075 0.0267 0.0013 0.0007 0.0014
SCENARIO RECORD : New Haven County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8
* Weather Data for SWCT NA area
MIN/MAX TEMP : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1
END OF RUN

>********************New London Expressway *****************************************************
* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D
* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTREG05.D
EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG :
83 71 50 22222 21111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2035\35svmt6s.cty
VMT BY FACILITY : FCVMTF.CTY
* 2035 expressway/ramp VMT fractions
VMT FRACTIONS :
0.2938 0.1070 0.3561 0.1097 0.0505 0.0261 0.0026 0.0022
0.0016 0.0059 0.0069 0.0075 0.0267 0.0013 0.0007 0.0014
SCENARIO RECORD : New London County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8
* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 92.0
END OF RUN

>******************New London Arterials/Collectors ******************************************
* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D
* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTREG05.D
EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG :
83 71 50 22222 21111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2035\35svmt6s.cty
VMT BY FACILITY : FCVMTF.CTY
* 2035 expressway/ramp VMT fractions
VMT FRACTIONS :
0.2938 0.1070 0.3561 0.1097 0.0505 0.0261 0.0026 0.0022
0.0016 0.0059 0.0069 0.0075 0.0267 0.0013 0.0007 0.0014
SCENARIO RECORD : New London County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8
* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 92.0
END OF RUN

>******************New London County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8
* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 92.0
END OF RUN
ANTI-TAMP PROG : 83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR  : CTHVMT.def
SPEED VMT  : z:\SER29b\2035\35svmt6a.cty
VMT BY FACILITY  : FCVMTA.CTY

* 2035 arterial/collector VMT fractions
VMT FRACTIONS  :
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0007 0.0005 0.0020 0.0023 0.0025 0.0086
0.0004 0.0002 0.0085

SCENARIO RECORD  : New London County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR  : 2035
EVALUATION MONTH  : 7
FUEL RVP  : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP  : 67.7 95.5
RELATIVE HUMIDITY  : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>******************New London Local ************

* Northeast NLEV inputs
94+ LDG IMP  : NLEVNE.D

* Fuel Data
FUEL PROGRAM  : 2 N
NO REFUELING  :
REG DIST  : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/idle tests
I/M DESC FILE  : CTIM05pl.D
ANTI-TAMP PROG
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR  : CTHVMT.def
SPEED VMT  : z:\SER29b\2035\35svmt6a.cty
VMT BY FACILITY  : FCVMTL.CTY

* 2035 local VMT fractions
VMT FRACTIONS  :
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD  : New London County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR  : 2035
EVALUATION MONTH  : 7
FUEL RVP  : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP  : 67.7 95.5
RELATIVE HUMIDITY  : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*******************New London Ramp *******************

* Northeast NLEV inputs
94+ LDG IMP  : NLEVNE.D

* Fuel Data
FUEL PROGRAM  : 2 N
NO REFUELING  :
REG DIST  : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/idle tests
I/M DESC FILE  : CTIM05pl.D
ANTI-TAMP PROG
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR  : CTHVMT.def
SPEED VMT  : z:\SER29b\2035\35svmt6a.cty
VMT BY FACILITY  : FCVMTR.CTY

* 2035 expressway/ramp VMT fractions
VMT FRACTIONS  :
0.2938 0.1070 0.3561 0.1097 0.0505 0.0261 0.0026 0.0022
0.0016 0.0059 0.0069 0.0075 0.0267 0.0013 0.0007 0.0014

SCENARIO RECORD  : New London County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR  : 2035
EVALUATION MONTH  : 7
FUEL RVP  : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP  : 67.7 95.5
RELATIVE HUMIDITY  : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>********************Tolland Expressway ***********************

* Northeast NLEV inputs
94+ LDG IMP  : NLEVNE.D
* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTREG05.D
EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG :
83 71 50 22222 2111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2035\35svmt7s.cty
VMT BY FACILITY : FCVMTF.CTY
* 2035 expressway/ramp VMT fractions
VMT FRACTIONS
0.2938 0.1070 0.3561 0.1097 0.0509 0.0261 0.0226 0.0022
0.0016 0.0059 0.0069 0.0075 0.0013 0.0007 0.0014
SCENARIO RECORD : Tolland County 2035 03 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8
* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN
>**************************Tolland Arterials/Collectors**************************
* Northeast NLEV inputs
94+ LGD IMP : NLEVNE.D
* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTREG05.D
EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG :
83 71 50 22222 2111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2035\35svmt7s.cty
VMT BY FACILITY : FCVMTA.CTY
* 2035 arterial/collector VMT fractions
VMT FRACTIONS
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007
0.0005 0.0019 0.0024 0.0086 0.0004 0.0002 0.0085
SCENARIO RECORD : Tolland County 2035 03 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8
* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN
>**************************Tolland Local**************************
* Northeast NLEV inputs
94+ LGD IMP : NLEVNE.D
* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTREG05.D
EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG :
83 71 50 22222 2111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2035\35svmt7s.cty
VMT BY FACILITY : FCVMTL.CTY
* 2035 local VMT fractions
VMT FRACTIONS
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096
SCENARIO RECORD : Tolland County 2035 03 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2035
EVALUATION MONTH : 7
FUEL RVP : 6.8
* Weather Data for GRCT NA area
MIN/MAX TEMP   : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN

>*******************Tolland Ramp *****************************************************

* Northeast NLEV inputs
94+ LDG IMP  : NLEVNE.D

* Fuel Data
FUEL PROGRAM  : 2 N
NO REFUELING  : 

REG DIST   : CTREG05.D

EXPRESS HC AS VOC  :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE  : CTIM05pl.D
ANTI-TAMP PROG  : 

* VMT Data
VMT BY HOUR  : CTHVMT.def
SPEED VMT    : z:\SER29b\2035\35svmt7s.cty

* 2035 expressway/ramp VMT fractions
VMT FRACTIONS :

* Weather Data for GRCT NA area
MIN/MAX TEMP   : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN

>********************Windham Expressway *****************************************************

* Northeast NLEV inputs
94+ LDG IMP  : NLEVNE.D

* Fuel Data
FUEL PROGRAM  : 2 N
NO REFUELING  : 

REG DIST   : CTREG05.D

EXPRESS HC AS VOC  :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE  : CTIM05pl.D
ANTI-TAMP PROG  : 

* VMT Data
VMT BY HOUR  : CTHVMT.def
SPEED VMT    : z:\SER29b\2035\35svmt8s.cty

* 2035 expressway/ramp VMT fractions
VMT FRACTIONS :

* Weather Data for GRCT NA area
MIN/MAX TEMP   : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN

>******************Windham Arterials/Collectors  *********************************

* Northeast NLEV inputs
94+ LDG IMP  : NLEVNE.D

* Fuel Data
FUEL PROGRAM  : 2 N
NO REFUELING  : 

REG DIST   : CTREG05.D

EXPRESS HC AS VOC  :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE  : CTIM05pl.D
ANTI-TAMP PROG  : 

* VMT Data
VMT BY HOUR  : CTHVMT.def
SPEED VMT    : z:\SER29b\2035\35svmt8s.cty

* 2035 expressway/ramp VMT fractions
VMT FRACTIONS :

* Weather Data for GRCT NA area
MIN/MAX TEMP   : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN

>***************Windham Arterials/Collectors  **********************************

* Northeast NLEV inputs
94+ LDG IMP  : NLEVNE.D

* Fuel Data
FUEL PROGRAM  : 2 N
NO REFUELING  : 

REG DIST   : CTREG05.D

EXPRESS HC AS VOC  :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE  : CTIM05pl.D
ANTI-TAMP PROG  : 

* VMT Data
VMT BY HOUR  : CTHVMT.def
SPEED VMT    : z:\SER29b\2035\35svmt8s.cty
VMT BY FACILITY : FCVMTA.CTY

* 2035 arterial/collector VMT fractions
VMT FRACTIONS : 
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007 
0.0005 0.0019 0.0024 0.0086 0.0004 0.0002 0.0085
SCENARIO RECORD : Windham County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2 
CALENDAR YEAR : 2035 
EVALUATION MONTH : 7 
FUEL RVP : 6.8 

* Weather Data for GRCT NA area 
MIN/Max TEMP : 67.7 95.5 
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7 
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN

>******************Windham Local **************************************************

* Northeast NLEV inputs 
94+ LDG IMP : NLEVNE.D 

* Fuel Data 
FUEL PROGRAM : 2 N 
NO REFUELING : 

REG DIST : CTREG05.D
EXPRESSION AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests 
I/M DESC FILE : CTIM05pl.D 
ANTH-TAMP PROG : 83 71 50 22222 21111111 1 12 096. 12111112 

* VMT Data 
VMT BY Hr : CTVMT.D 
SPEED VMT : z:\SER29b\2035\35svmt8s.cty 
VMT BY FACILITY : FCVMTR.CTY 

* 2035 local VMT fractions 
VMT FRACTIONS : 
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007 
0.0006 0.0022 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096
SCENARIO RECORD : Windham County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2 
CALENDAR YEAR : 2035 
EVALUATION MONTH : 7 
FUEL RVP : 6.8 

* Weather Data for GRCT NA area 
MIN/Max TEMP : 67.7 95.5 
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7 
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN

>*****************Windham Ramp ******************************************************

* Northeast NLEV inputs 
94+ LDG IMP : NLEVNE.D 

* Fuel Data 
FUEL PROGRAM : 2 N 
NO REFUELING : 

REG DIST : CTREG05.D
EXPRESSION AS VOC :

* I/M Data: reflects assumed Agbar OBD/ASM/Idle tests 
I/M DESC FILE : CTIM05pl.D 
ANTH-TAMP PROG : 83 71 50 22222 21111111 1 12 096. 12111112 

* VMT Data 
VMT BY Hr : CTVMT.D 
SPEED VMT : z:\SER29b\2035\35svmt8s.cty 
VMT BY FACILITY : FCVMTR.CTY 

* 2035 expressway/ramp VMT fractions 
VMT FRACTIONS : 
0.2938 0.1070 0.3561 0.1097 0.0505 0.0261 0.0026 0.0022 
0.0016 0.0059 0.0069 0.0075 0.0267 0.0013 0.0007 0.0014 
SCENARIO RECORD : Windham County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2 
CALENDAR YEAR : 2035 
EVALUATION MONTH : 7 
FUEL RVP : 6.8 

* Weather Data for GRCT NA area 
MIN/Max TEMP : 67.7 95.5 
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7 
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN
For VOC and NOx Only

SPREADSHEET:

DATABASE OUTPUT:
POLLUTANTS: HC NOX
DATABASE OPTIONS: CTdb.opt

RUN DATA
> 2040 input file for DOT; created 08/17/06 JBR
> Updated for VMT fractions, new CTIM and speed files 10/05 jbr

>******************************************************Fairfield Expressway *******************************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :

* Use 2002 registration age distribution data.
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG : 83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTVMT.D
SPEED VMT : z:\SER29b\2040\40svmtls.cty
VMT BY FACILITY : FCVMT.D

* 2040 expressway/ramp VMT fractions
VMT FRACTIONS
0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022
0.0016 0.0006 0.0009 0.0007 0.0013 0.0007 0.0014

SCENARIO RECORD : Fairfield County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2040
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
56.9 66.0 69.7 71.5 79.1 85.7 86.7 89.8 90.5 90.7 90.21

END OF RUN

>************************Fairfield Arterials/Collectors ***************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG : 83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTVMT.D
SPEED VMT : z:\SER29b\2040\40svmtls.cty
VMT BY FACILITY : FCVMT.D

* 2040 arterial/collector VMT fractions
VMT FRACTIONS
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : Fairfield County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2040
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
56.9 66.0 69.7 71.5 79.1 85.7 86.7 89.8 90.5 90.7 90.21

END OF RUN

>********************Fairfield Local ******************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG : 83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTVMT.D
SPEED VMT : z:\SER29b\2040\40svmtls.cty
VMT BY FACILITY : FCVMT.D

* 2040 arterial/collector VMT fractions
VMT FRACTIONS
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : Fairfield County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2040
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
56.9 66.0 69.7 71.5 79.1 85.7 86.7 89.8 90.5 90.7 90.21

END OF RUN

>********************Fairfield Local ******************************************
* VMT Data
  VMT BY HOUR  : CTHVMT.def
  SPEED VMT    : z:\SER29b\2040\40svmtls.cty
  VMT BY FACILITY  : FCVMTL.CTY

* 2040 local VMT fractions
  VMT FRACTIONS : 
    0.3087  0.1123  0.3738  0.0539  0.0088  0.0009  0.0007
    0.0006  0.0020  0.0025  0.0098  0.0004  0.0022  0.0096

SCENARIO RECORD : Fairfield County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR    : 2040
EVALUATION MONTH : 7
FUEL RVP         : 6.8

* Weather Data for SMCT NA area
  MIN/MAX TEMP   : 66.5 91.6
  RELATIVE HUMIDITY : 84.0 74.5 69.5 63.6 57.6 51.6 45.9 41.4 44.3 45.8 49.9
                    56.9 66.0 71.5 76.1 85.7 86.7 89.8 90.5 90.7 90.7 92.1

END OF RUN

>******************Fairfield Ramp **********************************************

* Northeast NLEV inputs
  94+ LDG IMP   : NLEVNE.D

* Fuel Data
  FUEL PROGRAM  : 2 N
  NO REFUELING  :
  REG DIST      : CTREG05.D

  EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
  I/M DESC FILE  : CTIM05pl.D
  ANTI-TAMP PROG :
  83 71 50 22222 2111111 | 1 2 096. 12111112

* VMT Data
  VMT BY HOUR   : CTHVMT.def
  SPEED VMT     : z:\SER29b\2040\40svmtls.cty
  VMT BY FACILITY  : FCVMTL.CTY

* 2040 expressway/ramp VMT fractions
  VMT FRACTIONS : 
    0.2940  0.1070  0.3561  0.1098  0.0505  0.0260  0.0022
    0.0016  0.0058  0.0069  0.0075  0.0266  0.0013  0.0007
    0.0014

SCENARIO RECORD : Fairfield County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR    : 2040
EVALUATION MONTH : 7
FUEL RVP         : 6.8

* Weather Data for SMCT NA area
  MIN/MAX TEMP   : 66.5 91.6
  RELATIVE HUMIDITY : 84.0 74.5 69.5 63.6 57.6 51.6 45.9 41.4 44.3 45.8 49.9
                    56.9 66.0 71.5 76.1 85.7 86.7 89.8 90.5 90.7 90.7 92.1

END OF RUN

>*******************Hartford Expressway ***************************************

* Northeast NLEV inputs
  94+ LDG IMP   : NLEVNE.D

* Fuel Data
  FUEL PROGRAM  : 2 N
  NO REFUELING  :
  REG DIST      : CTREG05.D

  EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
  I/M DESC FILE  : CTIM05pl.D
  ANTI-TAMP PROG :
  83 71 50 22222 2111111 | 1 2 096. 12111112

* VMT Data
  VMT BY HOUR   : CTHVMT.def
  SPEED VMT     : z:\SER29b\2040\40svmt2s.cty
  VMT BY FACILITY  : FCVMTF.CTY

* 2040 expressway/ramp VMT fractions
  VMT FRACTIONS : 
    0.2940  0.1070  0.3561  0.1098  0.0505  0.0260  0.0022
    0.0016  0.0058  0.0069  0.0075  0.0266  0.0013  0.0007
    0.0014

SCENARIO RECORD : Hartford County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR    : 2040
EVALUATION MONTH : 7
FUEL RVP         : 6.8

* Weather Data for GRCT NA area
  MIN/MAX TEMP   : 67.7 95.5
  RELATIVE HUMIDITY : 84.0 74.5 69.5 63.6 57.6 51.6 45.9 41.4 44.3 45.8 49.9
                    56.9 66.0 71.5 76.1 85.7 86.7 89.8 90.5 90.7 90.7 92.1

END OF RUN

>******************Hartford Arterials/Collectors *****************************

* Northeast NLEV inputs
  94+ LDG IMP   : NLEVNE.D

* Fuel Data
  FUEL PROGRAM  : 2 N
  NO REFUELING  :
  REG DIST      : CTREG05.D

  EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
  I/M DESC FILE  : CTIM05pl.D
  ANTI-TAMP PROG :
  83 71 50 22222 2111111 | 1 2 096. 12111112

* VMT Data
  VMT BY HOUR   : CTHVMT.def
  SPEED VMT     : z:\SER29b\2040\40svmtn01.cty
  VMT BY FACILITY  : FCVMTF.CTY

* 2040 expressway/ramp VMT fractions
  VMT FRACTIONS : 
    0.2940  0.1070  0.3561  0.1098  0.0505  0.0260  0.0022
    0.0016  0.0058  0.0069  0.0075  0.0266  0.0013  0.0007
    0.0014

SCENARIO RECORD : Hartford County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR    : 2040
EVALUATION MONTH : 7
FUEL RVP         : 6.8

* Weather Data for GRCT NA area
  MIN/MAX TEMP   : 67.7 95.5
  RELATIVE HUMIDITY : 84.0 74.5 69.5 63.6 57.6 51.6 45.9 41.4 44.3 45.8 49.9
                    47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*******************Hartford Arterials/Collectors *****************************

* Northeast NLEV inputs
  94+ LDG IMP   : NLEVNE.D
* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING : 
REG DIST : CTRREG05.D

EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG : 
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTPVMT.def
SPEED VMT : z:\SER29b\2040\40svmt2s.cty
VMT BY FACILITY : FCVMTL.CTY

* 2040 arterial/collector VMT fractions
VMT FRACTIONS :
0.3087 0.1123 0.3561 0.1098 0.0505 0.0026 0.0026 0.0026
0.0016 0.0058 0.0069 0.0075 0.0566 0.0013 0.0007 0.0014

SCENARIO RECORD : Hartford County 2040 03 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2040
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 86.2 69.5 61.2 53.8 49.0 44.5 44.5 44.2 40.4 38.8 40.8 43.7
     47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>************************Hartford Local *****************************

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTRREG05.D

EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG : 
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTPVMT.def
SPEED VMT : z:\SER29b\2040\40svmt2s.cty
VMT BY FACILITY : FCVMTL.CTY

* 2040 local VMT fractions
VMT FRACTIONS :
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0084 0.0084
0.0005 0.0019 0.0022 0.0024 0.0098 0.0004 0.002 0.0085

SCENARIO RECORD : Hartford County 2040 03 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2040
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 44.5 44.2 40.4 38.8 40.8 43.7
     47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>******************Hartford  Local *******************************************

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTRREG05.D

EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG : 
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTPVMT.def
SPEED VMT : z:\SER29b\2040\40svmt2s.cty
VMT BY FACILITY : FCVMTL.CTY

* 2040 expressway/ramp VMT fractions
VMT FRACTIONS :
0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0260 0.0260
0.0016 0.0058 0.0069 0.0075 0.0566 0.0013 0.0007 0.0014

SCENARIO RECORD : Hartford County 2040 03 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2040
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 44.5 44.2 40.4 38.8 40.8 43.7
     47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*******************Hartford Ramp ****************************************************

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTRREG05.D

EXPRESS HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG : 
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTPVMT.def
SPEED VMT : z:\SER29b\2040\40svmt2s.cty
VMT BY FACILITY : FCVMTL.CTY

* 2040 expressway/ramp VMT fractions
VMT FRACTIONS :
0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0260 0.0260
0.0016 0.0058 0.0069 0.0075 0.0566 0.0013 0.0007 0.0014

SCENARIO RECORD : Hartford County 2040 03 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2040
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP       : 67.7 95.5
RELATIVE HUMIDITY  : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                     47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>********************Litchfield Expressway ****************************************************

> Northeast NLEV inputs
94+ LDG IMP        : NLEVNE.D
* Fuel Data
FUEL PROGRAM       : 2 N
NO REFUELING       :
REG DIST           : CTREG05.D
EXPRESS HC AS VOC  :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE      : CTIM05pl.D
ANTI-TAMP PROG     :
83 71 50 22222 21111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR        : CTHVMT.def
SPEED VMT          : z:\SER29b\2040\40svmt3s.cty
VMT BY FACILITY    : FCVMTA.CTY
* 2040 expressway/ramp VMT fractions
VMT FRACTIONS      :
0.2940  0.1070  0.3561  0.1098  0.0505  0.0266  0.0231  0.0026  0.0022
0.0026  0.0022  0.0022  0.0022  0.0022  0.0022  0.0022  0.0022  0.0022
SCENARIO RECORD    : Litchfield County 2040 03 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR      : 2040
EVALUATION MONTH   : 7
FUEL RVP           : 6.8
* Weather Data for GRCT NA area
MIN/MAX TEMP       : 67.7 95.5
RELATIVE HUMIDITY  : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                     47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>********************Litchfield Arterials/Collectors ***************************

* Northeast NLEV inputs
94+ LDG IMP        : NLEVNE.D
* Fuel Data
FUEL PROGRAM       : 2 N
NO REFUELING       :
REG DIST           : CTREG05.D
EXPRESS HC AS VOC  :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE      : CTIM05pl.D
ANTI-TAMP PROG     :
83 71 50 22222 21111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR        : CTHVMT.def
SPEED VMT          : z:\SER29b\2040\40svmt3s.cty
VMT BY FACILITY    : FCVMTA.CTY
* 2040 arterial/collector VMT fractions
VMT FRACTIONS      :
0.3094  0.1126  0.3747  0.1155  0.0532  0.0084  0.0008  0.0007
0.0007  0.0007  0.0007  0.0007  0.0007  0.0007  0.0007  0.0007  0.0007
SCENARIO RECORD    : Litchfield County 2040 03 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR      : 2040
EVALUATION MONTH   : 7
FUEL RVP           : 6.8
* Weather Data for GRCT NA area
MIN/MAX TEMP       : 67.7 95.5
RELATIVE HUMIDITY  : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                     47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>********************Litchfield Local ***********************************

* Northeast NLEV inputs
94+ LDG IMP        : NLEVNE.D
* Fuel Data
FUEL PROGRAM       : 2 N
NO REFUELING       :
REG DIST           : CTREG05.D
EXPRESS HC AS VOC  :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE      : CTIM05pl.D
ANTI-TAMP PROG     :
83 71 50 22222 21111111 1 12 096. 12111112
* VMT Data
VMT BY HOUR        : CTHVMT.def
SPEED VMT          : z:\SER29b\2040\40svmt3s.cty
VMT BY FACILITY    : FCVMTL.CTY
* 2040 arterial/collector VMT fractions
VMT FRACTIONS      :
0.3094  0.1126  0.3747  0.1155  0.0532  0.0084  0.0008  0.0007
0.0007  0.0007  0.0007  0.0007  0.0007  0.0007  0.0007  0.0007  0.0007
SCENARIO RECORD    : Litchfield County 2040 03 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR      : 2040
EVALUATION MONTH   : 7
FUEL RVP           : 6.8
* Weather Data for GRCT NA area
MIN/MAX TEMP       : 67.7 95.5
RELATIVE HUMIDITY  : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                     47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
2040 local VMT fractions
VMT FRACTIONS:
0.3087  0.1123  0.3738  0.1152  0.0530  0.0088  0.0009  0.0007
0.0006  0.0020  0.0023  0.0025  0.0090  0.0004  0.0002  0.0096
SCENARIO RECORD: Litchfield County 2020 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR: 2040
EVALUATION MONTH: 7
FUEL RVP: 6.8

Weather Data for GRCT NA area
MIN/MAX TEMP: 67.7 95.5
RELATIVE HUMIDITY:
86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7 47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN

Middlesex Expressway
94+ LDG IMP: NLEVNE.D
FUEL PROGRAM: 2 N
NO REFUELING:
REG DIST: CTREG05.D

Weather Data for SWCT NA area
MIN/MAX TEMP: 66.5 91.6
RELATIVE HUMIDITY:
84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9 56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1
END OF RUN

Middlesex Arterials/Collectors
94+ LDG IMP: NLEVNE.D
FUEL PROGRAM: 2 N
NO REFUELING:
REG DIST: CTREG05.D

Weather Data for SWCT NA area
MIN/MAX TEMP: 66.5 91.6
RELATIVE HUMIDITY:
84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9 56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1
END OF RUN
EXPRESS HC AS VOC:

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
  I/M DESC FILE: CTIM05pl.D
  ANTI-TAMP PROG:
  83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
  VMT BY HOUR:
  SPEED VMT: z:\SER29b\2040\40svmt4s.cty
  VMT BY FACILITY: FCVMTA.CTY

* 2040 arterial/collector VMT fractions
  VMT FRACTIONS:
  0.3094 0.1126 0.3747 0.0532 0.0084 0.0008 0.0007 0.0005 0.0019 0.0022
  0.0024 0.0098 0.0004 0.0002 0.0085

SCENARIO RECORD: Middlesex County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR: 2040
EVALUATION MONTH: 7
FUEL RVP:

* Weather Data for SWCT NA area
MIN/MAX TEMP:

RELATIVE HUMIDITY:

END OF RUN

>******************Middlesex Local *******************************************

* Northeast NLEV inputs
  94+ LDG IMP:
  FUEL PROGRAM: 2 N
  NO REFUELING:
  REG DIST:

EXPRESS HC AS VOC:

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
  I/M DESC FILE: CTIM05pl.D
  ANTI-TAMP PROG:
  83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
  VMT BY HOUR:
  SPEED VMT: z:\SER29b\2040\40svmt4s.cty
  VMT BY FACILITY: FCVMTA.CTY

* 2040 local VMT fractions
  VMT FRACTIONS:
  0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007 0.0006 0.0020
  0.0023 0.0025 0.0098 0.0004 0.0002 0.0096

SCENARIO RECORD: Middlesex County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR: 2040
EVALUATION MONTH: 7
FUEL RVP:

* Weather Data for SWCT NA area
MIN/MAX TEMP:

RELATIVE HUMIDITY:

END OF RUN

>*******************Middlesex Ramp ****************************************************

* Northeast NLEV inputs
  94+ LDG IMP:
  FUEL PROGRAM: 2 N
  NO REFUELING:
  REG DIST:

EXPRESS HC AS VOC:

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
  I/M DESC FILE: CTIM05pl.D
  ANTI-TAMP PROG:
  83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
  VMT BY HOUR:
  SPEED VMT: z:\SER29b\2040\40svmt4s.cty
  VMT BY FACILITY: FCVMTA.CTY

* 2040 expressway/ramp VMT fractions
  VMT FRACTIONS:
  0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022 0.0016 0.0058
  0.0059 0.0075 0.0266 0.0013 0.0097 0.0014

SCENARIO RECORD: Middlesex County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR: 2040
EVALUATION MONTH: 7
FUEL RVP:

* Weather Data for SWCT NA area
MIN/MAX TEMP:

RELATIVE HUMIDITY:

END OF RUN

>******************Middlesex Ramp *********************************************
END OF RUN

>**************************New Haven Expressway **********************************************

* Northeast NLEV inputs
  94+ LDG IMP : NLEVNE.D
* Fuel Data
  FUEL PROGRAM : 2 N
  NO REFUELING :
  REG DIST : CTREG05.D

EXPRESSION HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
  I/M DESC FILE : CTIM5pl.D
  ANTI-TAMP PROG :
  VMT BY HOUR : CTHVMT.def
  SPEED VMT : z:\SER29b\2040\40svmt5s.cty
  VMT BY FACILITY : FCVMT.CTY
  2040 expressway/ramp VMT fractions
  VMT FRACTIONS :
  0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022
  0.0016 0.0018 0.0019 0.0019 0.0019 0.0019 0.0009
  SCENARIO RECORD : New Haven County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
  CALENDAR YEAR : 2040
  EVALUATION MONTH : 7
  FUEL RVP : 6.8
* Weather Data for SWCT NA area
  MIN/MAX TEMP : 66.5 91.6
  RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
  56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>**************************New Haven Arterials/Collectors ***************************

* Northeast NLEV inputs
  94+ LDG IMP : NLEVNE.D
* Fuel Data
  FUEL PROGRAM : 2 N
  NO REFUELING :
  REG DIST : CTREG05.D

EXPRESSION HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
  I/M DESC FILE : CTIM5pl.D
  ANTI-TAMP PROG :
  VMT BY HOUR : CTHVMT.def
  SPEED VMT : z:\SER29b\2040\40svmt5s.cty
  VMT BY FACILITY : FCVMTA.CTY
  2040 arterial/collector VMT fractions
  VMT FRACTIONS :
  0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007
  0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085
  SCENARIO RECORD : New Haven County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
  CALENDAR YEAR : 2040
  EVALUATION MONTH : 7
  FUEL RVP : 6.8
* Weather Data for SWCT NA area
  MIN/MAX TEMP : 66.5 91.6
  RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
  56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>**************************New Haven Local *******************************************

* Northeast NLEV inputs
  94+ LDG IMP : NLEVNE.D
* Fuel Data
  FUEL PROGRAM : 2 N
  NO REFUELING :
  REG DIST : CTREG05.D

EXPRESSION HC AS VOC :
* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
  I/M DESC FILE : CTIM5pl.D
  ANTI-TAMP PROG :
  VMT BY HOUR : CTHVMT.def
  SPEED VMT : z:\SER29b\2040\40svmt5s.cty
  VMT BY FACILITY : FCVMTL.CTY
  2040 local VMT fractions
  VMT FRACTIONS :
  0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007

END OF RUN

>**************************New Haven Local *******************************************
SCENARIO RECORD : New Haven County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR     : 2040
EVALUATION MONTH  : 7
FUEL RVP          : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP      : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
                   56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>*******************New Haven Ramp ******************************************************

* Northeast NLEV inputs
94+ LDG IMP    : NLEVNE.D
* Fuel Data
FUEL PROGRAM  : 2 N
NO REFUELING  :
REG DIST      : CTPREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE  : CTIM05pl.D
ANTI-TAMP PROG : 83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR    : CTHVMT.def
SPEED VMT      : z:\SER29b\2040\40svmt5s.cty
VMT BY FACILITY: FCMTR.CTY

* 2040 expressway/ramp VMT fractions
VMT FRACTIONS  :
0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022 0.0016 0.0058 0.0069 0.0075 0.0266 0.0013 0.0007 0.0014

SCENARIO RECORD : New Haven County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2040
EVALUATION MONTH: 7
FUEL RVP        : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP    : 66.5 91.6
RELATIVE HUMIDITY: 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
                   56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>********************New London Expressway ***********************************************

* Northeast NLEV inputs
94+ LDG IMP    : NLEVNE.D
* Fuel Data
FUEL PROGRAM  : 2 N
NO REFUELING  :
REG DIST      : CTPREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE  : CTIM05pl.D
ANTI-TAMP PROG : 83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR    : CTHVMT.def
SPEED VMT      : z:\SER29b\2040\40svmt6s.cty
VMT BY FACILITY: FCMTR.F.CTY

* 2040 expressway/ramp VMT fractions
VMT FRACTIONS  :
0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022 0.0016 0.0058 0.0069 0.0075 0.0266 0.0013 0.0007 0.0014

SCENARIO RECORD : New London County 2040 O3 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2040
EVALUATION MONTH: 7
FUEL RVP        : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP    : 67.7 95.5
RELATIVE HUMIDITY: 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                   47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>******************New London Arterials/Collectors ***********************

* Northeast NLEV inputs
94+ LDG IMP    : NLEVNE.D
* Fuel Data
FUEL PROGRAM  : 2 N
NO REFUELING  :
REG DIST      : CTPREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE  : CTIM05pl.D
ANTI-TAMP PROG : 83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR    : CTHVMT.def
SPEED VMT      : z:\SER29b\2040\40svmt6s.cty
VMT BY FACILITY: FCMTR.F.CTY

* 2040 expressway/ramp VMT fractions
VMT FRACTIONS  :
0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022 0.0016 0.0058 0.0069 0.0075 0.0266 0.0013 0.0007 0.0014

SCENARIO RECORD : New London County 2040 O3 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2040
EVALUATION MONTH: 7
FUEL RVP        : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP    : 67.7 95.5
RELATIVE HUMIDITY: 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                   47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>********************New London Arterials/Collectors ******************************************************
ANTI-TAMP PROG : 83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2040\40svmt6a.cty
VMT BY FACILITY : FCVMTA.CTY

* 2040 arterial/collector VMT fractions
VMT FRACTIONS : 0.3094 0.1126 0.3747 0.1155 0.0532 0.0083 0.0007
0.0005 0.0019 0.0022 0.0025 0.0086 0.0045 0.0002 0.0007
SCENARIO RECORD : New London County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALIBRATION YEAR : 2040
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>******************New London Local *********************

* Northeast NLEV inputs
94+ LOD IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :"
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG : 83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2040\40svmt6a.cty
VMT BY FACILITY : FCVMTR.CTY

* 2040 local VMT fractions
VMT FRACTIONS : 0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007
0.0006 0.0020 0.0023 0.0025 0.0099 0.0004 0.0023 0.0009 0.0007
SCENARIO RECORD : New London County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALIBRATION YEAR : 2040
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*******************New London Ramp ****************************************************

* Northeast NLEV inputs
94+ LOD IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :"
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG : 83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2040\40svmt6a.cty
VMT BY FACILITY : FCVMTR.CTY

* 2040 expressway/ramp VMT fractions
VMT FRACTIONS : 0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022
0.0016 0.0058 0.0069 0.0075 0.0266 0.0013 0.0007 0.0014
SCENARIO RECORD : New London County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALIBRATION YEAR : 2040
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>********************Tolland Expressway ******************************************************

* Northeast NLEV inputs
94+ LOD IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :"
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP PROG : 83 71 50 22222 2111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR : CTHVMT.def
SPEED VMT : z:\SER29b\2040\40svmt6a.cty
VMT BY FACILITY : FCVMTR.CTY

* 2040 expressway/ramp VMT fractions
VMT FRACTIONS : 0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022
0.0016 0.0058 0.0069 0.0075 0.0266 0.0013 0.0007 0.0014
SCENARIO RECORD : New London County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALIBRATION YEAR : 2040
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>***********************Tolland Expressway ******************************************************

* Northeast NLEV inputs
94+ LOD IMP : NLEVNE.D
* Fuel Data

** FUEL PROGRAM : 2 N
NO REFUELING :

** REG DIST : CTREG05.D

** EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests

** I/M DESC FILE : CTIN05pl.D
ANTI-TAMP PROG : 83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data

** VMT BY HOUR : CTHVMT.def
** SPEED VMT : z:\SER29b\2040\40svmt7s.cty
** VMT BY FACILITY : FCVMF7.CTY

* 2040 expressway/ramp VMT fractions

** FUEL RVP : 6.8

* Weather Data for GRCT NA area

MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>******************Tolland Arterials/Collectors **************************

* Northeast NLEV inputs

94+ LCG IMP : NLEVNE.D

* Fuel Data

** FUEL PROGRAM : 2 N
NO REFUELING :

** REG DIST : CTREG05.D

** EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests

** I/M DESC FILE : CTIN05pl.D
ANTI-TAMP PROG : 83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data

** VMT BY HOUR : CTHVMT.def
** SPEED VMT : z:\SER29b\2040\40svmt7s.cty
** VMT BY FACILITY : FCVMF7.CTY

* 2040 arterial/collector VMT fractions

** FUEL RVP : 6.8

* Weather Data for GRCT NA area

MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>***************Tolland Local ***********************
* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 69.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN

Tolland Ramp

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTRFSG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP RFG2
94+ LDG IMP : NLEVNE.D

* VMT Data
VMT BY HOUR : CTTHVMT.def
SPEED VMT : z:\SER29b\2040\40svmt7s.cty
VMT BY FACILITY : FCVMTF.CTY

* 2040 expressway/ramp VMT fractions
VMT FRACTIONS :
0.2940 0.1570 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022
0.0016 0.0058 0.0069 0.0075 0.0266 0.0013 0.0007 0.0014
SCENARIO RECORD : Tolland County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2040
EVALUATION MONTH : 7
FUEL RVP :

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 69.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN

Windham Expressway

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTRFSG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP RFG2
94+ LDG IMP : NLEVNE.D

* VMT Data
VMT BY HOUR : CTTHVMT.def
SPEED VMT : z:\SER29b\2040\40svmt8s.cty
VMT BY FACILITY : FCVMTF.CTY

* 2040 expressway/ramp VMT fractions
VMT FRACTIONS :
0.2940 0.1570 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022
0.0016 0.0058 0.0069 0.0075 0.0266 0.0013 0.0007 0.0014
SCENARIO RECORD : Windham County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2040
EVALUATION MONTH : 7
FUEL RVP :

* Weather Data for GRCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 69.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6
END OF RUN

Windham Arterials/Collectors

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :
REG DIST : CTRFSG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIM05pl.D
ANTI-TAMP RFG2
94+ LDG IMP : NLEVNE.D

* VMT Data
VMT BY HOUR : CTTHVMT.def
SPEED VMT : z:\SER29b\2040\40svmt8s.cty
VMT BY FACILITY : FCVMTA.CTY

* 2040 arterial/collector VMT fractions
VMT FRACTIONS :
0.3094  0.1126  0.3747  0.1155  0.0532  0.0084  0.0008  0.0007
0.0005  0.0019  0.0024  0.0086  0.0004  0.0002  0.0085

SCENARIO RECORD : Windham County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2040
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>******************Windham Local *******************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :

REG DIST : CTREGD.CTY

EXPRESSION HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIMD5p1.D
ANTI-TAMP PROG : 83 71 50 22222 21111111 1 12 1986. 12111112

* VMT Data
VMT BY HOUR : CTVMTM.def
SPEED VMT :
z:\SER\2040\40svmt8s.cty
VMT BY FACILITY : FCVMTL.CTY

* 2040 local VMT fractions
VMT FRACTIONS :
0.3087  0.1123  0.3738  0.1152  0.0530  0.0088  0.0009  0.0007
0.0006  0.0020  0.0023  0.0025  0.0090  0.0004  0.0002  0.0096

SCENARIO RECORD : Windham County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2040
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*******************Windham Ramp ****************************************************

* Northeast NLEV inputs
94+ LDG IMP : NLEVNE.D

* Fuel Data
FUEL PROGRAM : 2 N
NO REFUELING :

REG DIST : CTREGD.CTY

EXPRESSION HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE : CTIMD5p1.D
ANTI-TAMP PROG : 83 71 50 22222 21111111 1 12 1986. 12111112

* VMT Data
VMT BY HOUR : CTVMTM.def
SPEED VMT :
z:\SER\2040\40svmt8s.cty
VMT BY FACILITY : FCvmr.CTY

* 2040 expressway/ramp VMT fractions
VMT FRACTIONS :
0.2940  0.1070  0.3561  0.1098  0.0505  0.0260  0.0026  0.0022
0.0016  0.0058  0.0069  0.0075  0.0266  0.0013  0.0007  0.0014

SCENARIO RECORD : Windham County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR : 2040
EVALUATION MONTH : 7
FUEL RVP : 6.8

* Weather Data for GCT NA area
MIN/MAX TEMP : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN
APPENDIX D

MOBILE 6.2 Output Files
********* MOBILE6.2.03 (24-Sep-2003) *********
* Input file: 15OZ.IN (file 1, run 1). *
********* MOBILE6.2.03 (24-Sep-2003) *********
* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
  data file: MLEVNE.D
M616 Comment:
  User has supplied post-1999 sulfur levels.
  User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
  data file: CTREG05.D
M 49 Warning:
  1.00  MYR sum not = 1. (will normalize)
  1.00  MYR sum not = 1. (will normalize)
  1.00  MYR sum not = 1. (will normalize)
  1.00  MYR sum not = 1. (will normalize)
  1.00  MYR sum not = 1. (will normalize)
  1.00  MYR sum not = 1. (will normalize)
  1.00  MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
  data file: CTIM05PL.D
  CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
  Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
  Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
  Biennial 2500/100LE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
  Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
  Biennial ASK I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
* Reading Hourly VMT distribution from the following external
  data file: CTCHNMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external
  data file: Z:\SER29B\2015\15SVMT1S.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
  User supplied VMT mix.

* Fairfield County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
  * File 1, Run 1, Scenario 1.
* T/M credits for Tehcxlz vehicles were read from the following external
  data file: TECH12.D
  M 48 Warning:
  there are no sales for vehicle class HDGV8b
  M 48 Warning:
  there are no sales for vehicle class LDDT12

LEV phase-in data read from file MLEVNE.D
  Calendar Year: 2015
  Month: July
  Altitude: Low
  Minimum Temperature: 66.5 (F)
  Maximum Temperature: 91.6 (F)
  Maximum Rel. Hum.: 92.1 (%)
  Fuel Sulfur Content: 30. ppm

** New ACAP **
  Exhaust I/M Program: Yes
  Evap I/M Program: Yes
  ATP Program: Yes
  Reformulated Gas: Yes
  Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDDV LDDT HDDV MC All Veh
  VMT Distribution: 0.3223 0.4416 0.1504 0.0239 0.0003 0.0023 0.0578 0.0014 1.0000
  Composite Emission Factors (g/mi):
  Composite VOC: 0.317 0.254 0.309 0.268 0.369 0.084 0.137 0.212 3.55 0.287
  Composite NOX: 0.249 0.273 0.386 0.302 1.224 0.183 0.303 4.149 1.43 0.531

Fairfield Arterials/Collectors

** MOBILE6.2.03 (24-Sep-2003) **
* Input file: 15OZ.IN (file 1, run 2). *
********* Fairfield Expressway *********

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
  data file: MLEVNE.D
M616 Comment:
  User has supplied post-1999 sulfur levels.
  User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
  data file: CTREG05.D
M 49 Warning:
  1.00  MYR sum not = 1. (will normalize)
  1.00  MYR sum not = 1. (will normalize)
  1.00  MYR sum not = 1. (will normalize)
  1.00  MYR sum not = 1. (will normalize)
  1.00  MYR sum not = 1. (will normalize)
  1.00  MYR sum not = 1. (will normalize)
  1.00  MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
  data file: CTIM05PL.D
  CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
  Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
  Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
  Biennial 2500/100LE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
  Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
  Biennial ASK I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
* Reading Hourly VMT distribution from the following external
  data file: CTCHNMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external
  data file: Z:\SER29B\2015\15SVMT1S.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
  User supplied VMT mix.

* Fairfield County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
  * File 1, Run 1, Scenario 1.
* F/M credits for Tehcxlz vehicles were read from the following external
  data file: TECH12.D
  M 48 Warning:
  there are no sales for vehicle class HDGV8b
  M 48 Warning:
  there are no sales for vehicle class LDDT12

LEV phase-in data read from file MLEVNE.D
  Calendar Year: 2015
  Month: July
  Altitude: Low
  Minimum Temperature: 66.5 (F)
  Maximum Temperature: 91.6 (F)
  Maximum Rel. Hum.: 92.1 (%)
  Fuel Sulfur Content: 30. ppm

** New ACAP **
  Exhaust I/M Program: Yes
  Evap I/M Program: Yes
  ATP Program: Yes
  Reformulated Gas: Yes
  Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDDV LDDT HDDV MC All Veh
  VMT Distribution: 0.3223 0.4416 0.1504 0.0239 0.0003 0.0023 0.0578 0.0014 1.0000
  Composite Emission Factors (g/mi):
  Composite VOC: 0.317 0.254 0.309 0.268 0.369 0.084 0.137 0.212 3.55 0.287
  Composite NOX: 0.249 0.273 0.386 0.302 1.224 0.183 0.303 4.149 1.43 0.531

******************** Fairfield Arterials/Collectors *********************
* Reading Registration Distributions from the following external
  * data file: CTREG05.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)

* Reading I/M program description records from the following external
  * data file: CTIM05PL.D
    CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
    *Biennial OBOS I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OB test
      that replaced the ADM
    *Biennial OBOS evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR(Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
    *Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
    * Reading ASM I/M Test Credits from ASMDATA.D
    *Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
    * Reading Hourly VMT distribution from the following external
      * data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
  * data file: Z:\SER29B\2015\15SVMT1S.CTY

* Reading Hourly Roadway VMT distribution from the following external
  * data file: FCVMTA.CTY

* Reading User Supplied ROADWAY VMT Factors
  M615 Comment: User supplied VMT mix.
  * # # # # # # # # # # # # # # # # # # # # # # # # #
  * Fairfield County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
    * File 1, Run 2, Scenario 1.
  * # # # # # # # # # # # # # # # # # # # # # # # # #
  *** 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
  M 48 Warning: there are no sales for vehicle class LDDT12
  LEV phase-in data read from file KLEVNE.D
  Calendar Year: 2015
  Month: July
  Altitude: Low
  Minimum Temperature: 66.5 (F)
  Maximum Temperature: 91.6 (F)
  Minimum Rel. Hum.: 41.4 (%)    Maximum Rel. Hum.: 92.1 (%)
  Fuel Sulfur Content: 30. ppm
  Exhaust I/M Program: Yes
  Evap I/M Program: Yes
  ATP Program: Yes
  Reformulated Gas: Yes

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

  VMT Distribution: 0.3394 0.4649 0.1584 0.0077 0.0003 0.0024 0.0184 0.0085 1.0000

  Composite Emission Factors (g/mi): 
  Composite VOC : 0.385 0.304 0.373 0.321 0.328 0.110 0.345 0.332 3.84 0.374
  Composite NOX : 0.262 0.272 0.389 0.302 1.025 0.135 0.221 2.821 1.12 0.347

* MOBILE6.203 (24-Sep-2003) *
* Input files: 15OZ.IN (file 1, run 3).
* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
  data file: KLEVNE.D

  M616 Comment:
  User has supplied post-1999 sulfur levels.
  M603 Comment:
  User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
  * data file: CTREG05.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)
### LEV phase-in data read from file KLEVNE.D

**Calendar Year:** 2015  
**Month:** July  
**Altitude:** Low  
**Minimum Temperature:** 68.5 (F)  
**Maximum Temperature:** 91.6 (F)  
**Minimum Rel. Hum.:** 41.4 (%)  
**Maximum Rel. Hum.:** 92.1 (%)  
**Fuel Sulfur Content:** 30. ppm

### Composite Emission Factors (g/mi):

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>LDGV</th>
<th>LDGT12</th>
<th>LDGT34</th>
<th>LDGT</th>
<th>HDGV</th>
<th>LDV</th>
<th>LDGT</th>
<th>HDDV</th>
<th>MC</th>
<th>All Veh</th>
</tr>
</thead>
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<tr>
<td>GVWR</td>
<td>&lt;6000</td>
<td>&gt;6000</td>
<td>(All)</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>VMT Distribution</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Composite VOC:** 0.477  
**Composite NOX:** 0.253

### Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external

* data file: KLEVNE.D

**M616 Comment:**  
User has supplied post-1999 sulfur levels.

**M603 Comment:**  
User has disabled the calculation of REFUELING emissions.

### Reading Registration Distributions from the following external

* data file: CPREGOS.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)

**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)
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29B\2015\15SVMT2S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment:
User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Fairfield County 2015 O3 SEASON w/OBD/ASM/idle I/M W-gascap, ATP, RFG2
* File 1, Run 4, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
*** I/M credits for Tech12 vehicles were read from the following external data file: TECH12.D

M48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file KLEVUNE.D
Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV  LDGT12  LDGT34  LDGT  HDGV  LDDV  LDDT  HDDV  MC  All Veh
GVWR: <6000  >6000  (All)
VMT Distribution: 0.3223  0.4416  0.1504  0.0239  0.0003  0.0023  0.0578  0.0014  1.0000

Composite Emission Factors (g/mi):
Composite VOC : 0.359  0.280  0.349  0.297  0.421  0.096  0.159  0.266  3.42  0.322
Composite NOX : 0.265  0.287  0.429  0.323  1.060  0.123  0.202  2.426  1.16  0.444

* MOBILE6.2.03 (24-Sep-2003)
* Input files: 15OZ.IN (file 1, run 5).

Hartford Expressway

* Reading Registration Distributions from the following external
* data file: CTREG05.D

M49 Warning:
MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D

CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)

* Biennial OBII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
* replaced the ASM
* Biennial OBII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial 2500/Idle I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29B\2015\15SVMT2S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment:
User supplied VMT mix.
Hartford County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
File 1, Run 5, Scenario 1.

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
there are no sales for vehicle class LDGT12

LEV phase-in data read from file KLEVE.D
Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
GVWR:               <6000     >6000     (All)              (All)    (All)    (All)    (All)    (All)    (All)  (All)
------    ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
VMT Distribution:    0.3223    0.4416    0.1504    0.0239    0.0003    0.0023    0.0578    0.0014    1.0000

Composite Emission Factors (g/mi):
Composite VOC :      0.315     0.251     0.306     0.265     0.358    0.080     0.131     0.195      3.71     0.284
Composite NOX :      0.251     0.276     0.389     0.304     1.263    0.198     0.327     4.449      1.45     0.551

Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: NLEVNE.D
User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.

Reading Registration Distributions from the following external data file: CTREG05.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)

Reading I/M program description records from the following external data file: CTIM05PL.D
Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
Biennial 2500/IDLE I/M "tailpipe" test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
Biennial ASM I/M "tailpipe" test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF
Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: FCVMTA.CTY

User supplied VMT mix.

Reading I/M program description records from the following external data file: CTIM05PL.D
CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
Biennial 2500/IDLE I/M "tailpipe" test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)

Reading ASM I/M Test Credits from ASMDATA.D
Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF
Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: FCVMTA.CTY

User supplied VMT mix.
Minimum Temperature: 67.7 (°F)
Maximum Temperature: 95.5 (°F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 95.6 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

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

VMT Distribution: 0.3394    0.4649    0.1584    0.0077    0.0003    0.0024    0.0184    0.0085    1.0000

Composite Emission Factors (g/mi):
Composite VOC : 0.373     0.294     0.361     0.311     0.501    0.105     0.175     0.307      3.79     0.363
Composite NOX : 0.255     0.265     0.379     0.294     1.042    0.131     0.216     2.755      1.09     0.338

* MOBILE6.2.03 (24-Sep-2003)
* Input file: 15OZ.IN (file 1, run 7)

* Hartford Local

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
  * data file: NLEVNE.D
  M603 Comment:
  User has supplied post-1999 sulfur levels.
  User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
  * data file: CTREG05.D
  * Reading I/M program description records from the following external
    * data file: CTIM05PL.D
    * Reading ASM I/M Test Credits from ASMDATA.D
  * Reading Hourly VMT distribution from the following external
    * data file: CTVMULT.DEF
  * Reading Hourly, Roadway, and Speed VMT dist. from the following external
    * data file: 5(USEPA\2015\15SVMT2S.CTY
  * Reading Hourly Roadway VMT distribution from the following external
    * data file: FCVMTL.CTY
  * Reading User Supplied ROADWAY VMT Factors
  M615 Comment:
  User supplied VMT mix.

* Hartford County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
  * File 1, Run 7, Scenario 1.

** I/M credits for Towtiax Vehicles were read from the following external
  data file: TECH12.D

M 48 Warning: there are no sales for vehicle class HDDV8b
M 48 Warning: there are no sales for vehicle class LDGT12

LEV phase-in data read from file NLEVNE.D
Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 67.7 (°F)
Maximum Temperature: 95.5 (°F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 95.6 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

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

VMT Distribution: 0.3394    0.4638    0.1580    0.0080    0.0003    0.0024    0.0193    0.0096    1.0000
### Hartford Ramp

| Calendar Year: 2015 | Month: July | Altitude: Low | Minimum Temperature: 67.7 (°F) | Maximum Temperature: 95.5 (°F) | Minimum Rel. Hum.: 38.8 (%) | Maximum Rel. Hum.: 90.6 (%) | Fuel Sulfur Content: 30. ppm |

#### Exhaust I/M Program: Yes
- Evap I/M Program: Yes
- ATP Program: Yes
- Reformulated Gas: Yes

#### Vehicle Type: LDDV, LDDT, HDDV, MC

| VMT Distribution | 0.3223 | 0.4416 | 0.1504 | 0.0239 | 0.0003 | 0.0023 | 0.0578 | 0.0014 | 1.0000 |

### Composite Emission Factors (g/mi):

| Composite VOC | 0.487 | 0.392 | 0.480 | 0.414 | 0.826 | 0.160 | 0.274 | 0.557 | 4.93 | 0.488 |
| Composite NOX | 0.257 | 0.258 | 0.360 | 0.284 | 0.881 | 0.165 | 0.273 | 3.231 | 0.92 | 0.343 |

### Litchfield Expressway

| Calendar Year: 2015 | Month: July | Altitude: Low | Minimum Temperature: 67.7 (°F) | Maximum Temperature: 95.5 (°F) | Minimum Rel. Hum.: 38.8 (%) | Maximum Rel. Hum.: 90.6 (%) | Fuel Sulfur Content: 30. ppm |

#### Exhaust I/M Program: Yes
- Evap I/M Program: Yes
- ATP Program: Yes
- Reformulated Gas: Yes

#### Vehicle Type: LDDV, LDDT, HDDV, MC

| VMT Distribution | 0.3223 | 0.4416 | 0.1504 | 0.0239 | 0.0003 | 0.0023 | 0.0578 | 0.0014 | 1.0000 |

### Composite Emission Factors (g/mi):

| Composite VOC | 0.366 | 0.285 | 0.355 | 0.303 | 0.435 | 0.096 | 0.159 | 0.266 | 0.54 | 0.328 |
| Composite NOX | 0.265 | 0.286 | 0.427 | 0.322 | 1.061 | 0.123 | 0.202 | 2.426 | 1.12 | 0.443 |
Comment:
User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
  * data file: CTREG05.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)

* Reading I/M program description records from the following external
  * data file: CTIM05PL.D

*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial biennial I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
  * data file: CTHTMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
  * data file: Z:\SER29B\2015\15SVMT3S.CTY

* Reading Hourly Roadway VMT distribution from the following external
  * data file: PCVMFT.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment:
User supplied VMT mix.

* Litchfield County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 9, Scenario 1.

*** I/M credits for Tech1&2 vehicles were read from the following external
  * data files: TECH12.D

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNR.D

Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%) 
Maximum Rel. Hum.: 90.6 (%) 
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

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

VMT Distribution: 0.3223 0.4416 0.1504 0.0239 0.0003 0.0023 0.0578 0.0014 1.0000

Composite Emission Factors (g/mi):
Composite VOC : 0.312 0.250 0.304 0.263 0.352 0.079 0.129 0.191 3.79 0.282
Composite NOX : 0.251 0.278 0.391 0.307 1.279 0.207 0.343 4.649 1.49 0.565

**********************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                       *
* Input file: 15OZ.IIN (file 1, run 10)                            *
* **********************************************************************

* Running Litchfield Arterials/Collectors

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
  * data file: KLEVNR.D

M616 Comment:
User has supplied post-1999 sulfur levels.

M603 Comment:
User has disabled the calculation of REFUELING emissions.
* Reading I/M program description records from the following external
  * data file: CTIM05PL.D
  * CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
  * Biennial OBDD II I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBDD test that replaced the ASM
  * Biennial OBDD II evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
  * Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 -10,000 lbs GVWR (per above comment)
  * Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR
  * Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CHVMT.DEP

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29B\2015\15SVMT3S.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Litchfield County 2015 Q3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 10, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
* ** 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

M 48 Warning:
there are no sales for vehicle class LDGT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDG V LDGT12 LDGT34 LDGT HDGV LDGV LDGT HDGV MC All Veh
GVWR: <6000 >6000 (All)
VMT Distribution: 0.3394 0.4649 0.1584 0.0077 0.0003 0.0024 0.0184 0.0085 1.0000

Composite Emission Factors (g/Mi):
Composite VOC : 0.344 0.270 0.332 0.286 0.428 0.293 0.153 0.251 3.52 0.333
Composite NOX : 0.260 0.273 0.288 1.107 0.134 0.220 2.858 1.15 0.333

*** Litchfield Local ************

* MOBILE6.2.03 (24-Sep-2003)

* Input file: 15OZ.IN (file 1, run 11)

** User has supplied post-1999 sulfur levels.
M616 Comment:
User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.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)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
* CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)

* Biennial OBDD II I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBDD test that replaced the ASM

* Biennial OBDD II evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR

* Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 -10,000 lbs GVWR (per above comment)

* Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM

Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR

Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)

Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Reading ASM I/M Test Credits from ASMDATA.D

Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF

Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: FCVMTR.CTY

Reading User Supplied ROADWAY VMT Factors

Vehicle Type: LDGV LDGT LDGT34 LDGT LDGV LDGV LDGT LDGV MC All Veh
GVWR: <6000 >6000 (All)

VMT Distribution: 0.3386 0.4638 0.1580 0.0080 0.0003 0.0024 0.0193 0.0096 1.0000

Composite Emission Factors (g/mi):
Composite VOC : 0.487 0.392 0.480 0.414 0.826 0.160 0.274 0.557 4.93 0.488
Composite NOX : 0.257 0.258 0.360 0.284 0.881 0.165 0.273 3.231 0.92 0.343

Reading Registration Distributions from the following external data file: CTREG05.D

User supplied VMT mix.

User has supplied post-1999 sulfur levels.

User has disabled the calculation of REFUELING emissions.

Reading I/M program description records from the following external data file: CTIM05PL.D

CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)

Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM

Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR

Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)

Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Reading ASM I/M Test Credits from ASMDATA.D

Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF

Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: FCVMTR.CTY

Reading User Supplied ROADWAY VMT Factors
User supplied VMT mix.

Litchfield County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

File 1, Run 12, Scenario 1.

I/M credits for Tech912 vehicles were read from the following external data file: TECH12.D

there are no sales for vehicle class HDGV8b

there are no sales for vehicle class LDOT12

LEV phase-in data read from file KLEVNE.D

Calendar Year: 2015

Month: July

Altitude: Low

Minimum Temperature: 67.7 (F)

Maximum Temperature: 95.5 (F)

Minimum Rel. Hum.: 38.8 (%)

Maximum Rel. Hum.: 90.6 (%)

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: Yes

Vehicle Type: LDGV  LDGT12  LDGT34  LDGT  HDGV  LDGV  LDOT  HDGV  MC  All Veh

GVWR: <6000  >6000  (All)

------  ------  ------  ------  ------  ------  ------  ------  ------  ------

VMT Distribution: 0.3223  0.4416  0.1504  0.0239  0.0003  0.0023  0.0578  0.0014  1.0000

----------------------------------------------------------------------------------------------------------------------

Composite Emission Factors (g/mi):

Composite VOC:  0.366  0.285  0.355  0.303  0.435  0.096  0.159  0.266  3.54  0.328

Composite NOX:  0.265  0.286  0.427  0.322  1.061  0.123  0.202  2.426  1.12  0.443

----------------------------------------------------------------------------------------------------------------------

***************************************************************************

* MOBILE6.2.03 (24-Sep-2003)

* Input file: 15OZ.IN (file 1, run 13).

***************************************************************************

Middlesex Expressway

***************************************************************************

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external

* data file: KLEVNE.D

M616 Comment:

User has supplied post-1999 sulfur levels.

User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external

* data file: CTREG05.D

M 49 Warning:

1.00  MYR sum not = 1. (will normalize)

1.00  MYR sum not = 1. (will normalize)

1.00  MYR sum not = 1. (will normalize)

1.00  MYR sum not = 1. (will normalize)

1.00  MYR sum not = 1. (will normalize)

1.00  MYR sum not = 1. (will normalize)

* Reading ASM I/M Test Credits from ASMDATA.D

Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM 1/M program description records from the following external

* data file: CTIM05PL.D

CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD))

Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM

Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR

Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)

Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)

Biennial ASM 1/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external

* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external

* data file: FCVMTF.CTY

* Reading Hourly Roadway VMT distribution from the following external

* data file: PUVMT.F.CTY

* Reading User Supplied ROADWAY VMT Factors

M615 Comment:

User supplied VMT mix.

Middlesex County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

File 1, Run 12, Scenario 1.

I/M credits for Tech912 vehicles were read from the following external data file: TECH12.D

there are no sales for vehicle class HDGV8b

there are no sales for vehicle class LDOT12
Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

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

VMT Distribution: 0.3223  0.4416  0.1504  0.0239  0.003  0.0023  0.0578  0.0014  1.0000

Composite Emission Factors (g/mi):

<table>
<thead>
<tr>
<th></th>
<th>LDGV</th>
<th>LDGT12</th>
<th>LDGT34</th>
<th>LDGT</th>
<th>HDGV</th>
<th>LDDV</th>
<th>LDDT</th>
<th>HDDV</th>
<th>MC</th>
<th>All Veh</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composite VOC</td>
<td>0.306</td>
<td>0.247</td>
<td>0.301</td>
<td>0.261</td>
<td>0.343</td>
<td>0.280</td>
<td>0.129</td>
<td>0.192</td>
<td>3.57</td>
<td>0.278</td>
</tr>
<tr>
<td>Composite NOX</td>
<td>0.250</td>
<td>0.277</td>
<td>0.390</td>
<td>0.306</td>
<td>1.264</td>
<td>0.197</td>
<td>0.325</td>
<td>4.433</td>
<td>1.51</td>
<td>0.551</td>
</tr>
</tbody>
</table>

* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 15OZ.IN (file 1, run 14), *

* Middlesex Arterials/Collectors ******************

*** I/M credits for Tech12 vehicles were read from the following external data file: TECH12.D

M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class LDGT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV  LDGT12  LDGT34  LDGT  HDGV  LDDV  LDDT  HDDV  MC  All Veh

* Reading Registration Distributions from the following external data file: CTHREG5.D

* Reading I/M program description records from the following external data file: CTIM05PL.D
<table>
<thead>
<tr>
<th>GVWR:</th>
<th>&lt;6000</th>
<th>&gt;6000</th>
<th>(All)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VMT Distribution:</td>
<td>0.3394</td>
<td>0.4649</td>
<td>0.1584</td>
</tr>
<tr>
<td>Composite VOC</td>
<td>0.351</td>
<td>0.276</td>
<td>0.340</td>
</tr>
<tr>
<td>Composite NOX</td>
<td>0.247</td>
<td>0.263</td>
<td>0.375</td>
</tr>
</tbody>
</table>

Composite Emission Factors (g/mi):

- Composite VOC: 0.477
- Composite NOX: 0.253

LEV phase-in data read from file KLELYNE.D
Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

<table>
<thead>
<tr>
<th>Vehicle Type:</th>
<th>LDGV</th>
<th>LDGT12</th>
<th>LDGT34</th>
<th>LDGT</th>
<th>HDGV</th>
<th>LDGV</th>
<th>LDGT</th>
<th>HDDV</th>
<th>MC</th>
<th>All Veh</th>
</tr>
</thead>
<tbody>
<tr>
<td>GVWR:</td>
<td>&lt;6000</td>
<td>&gt;6000</td>
<td>(All)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VMT Distribution:</td>
<td>0.3386</td>
<td>0.4638</td>
<td>0.1580</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Composite Emission Factors (g/mi):</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Composite VOC</td>
<td>0.477</td>
<td>0.382</td>
<td>0.468</td>
<td>0.404</td>
<td>0.806</td>
<td>0.160</td>
<td>0.274</td>
<td>0.557</td>
<td>4.81</td>
<td>0.477</td>
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<tr>
<td>Composite NOX</td>
<td>0.253</td>
<td>0.258</td>
<td>0.360</td>
<td>0.284</td>
<td>0.880</td>
<td>0.165</td>
<td>0.273</td>
<td>3.231</td>
<td>0.95</td>
<td>0.341</td>
</tr>
</tbody>
</table>

Middlesex County 2015 03 SEASON w/OBD/ASM/idle I/M w/gascap, ATP, RF92
File 1, Run 15, Scenario 1.
* data file: NLEVNE.D
M616 Comment:
User has supplied post-1999 sulfur levels.
M603 Comment:
User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.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)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/DILE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading Hourly VMT distribution from the following external
* data file: CTVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29B\2015\15SVMT4S.CTY
* Reading Hourly Roadway VMT distribution from the following external
* data file: PCVMTH.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Middlesex County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 16, Scenario 1.
** # # # # # # # # # # # # # # # # # # # # # # # # #
** 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
M 48 Warning:
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LGDV LGDT12 LGDT34 LDGT HDGV LDGV LDGT HGV MC All Veh
GVWR: <6000 >6000 >6000 <6000 >6000 >6000 >6000 >6000 >6000 >6000 <6000
VMT Distribution: 0.3223 0.4416 0.1504 0.0239 0.0003 0.0023 0.0578 0.0014 1.0000

-----------------------------
Composite Emission Factors (g/mi):
Composite VOC : 0.359 0.359 0.359 0.359 0.359 0.359 0.359 0.359 0.359 0.359 0.359
Composite NOX : 0.265 0.265 0.265 0.265 0.265 0.265 0.265 0.265 0.265 0.265 0.265

***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                              *
* Input file: 1502.IN (file 1, run 17)                                     *
***************************************************************************

***New Haven Expressway *******************************************
Reading I/M program description records from the following external data file: CTIM05PL.D

CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)

Biennial OBDD I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM

Biennial OBDD evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR

Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)

Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Reading ASM I/M Test Credits from ASMDATA.D

there are no sales for vehicle class HDGVb

there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNB.D

Calendar Year: 2015

Month: July

Altitude: Low

Minimum Temperature: 66.5 (F)

Maximum Temperature: 91.6 (F)

Minimum Rel. Hum.: 41.4 (%)

Maximum Rel. Hum.: 92.1 (%)

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: Yes

Vehicle Type: LDGV, LDGT12, LDGT34, LDGT, HDGV, LDDV, LDDT, HDDV, MC, All Veh

GVWR: <6000, >6000, (All)

VMT Distribution: 0.0239, 0.1504, 0.4416, 0.3223, 1.0000

Composite Emission Factors (g/mi):

Composite VOC : 0.312, 0.256, 0.305, 0.264, 0.354, 0.382, 0.133, 0.201, 3.57, 0.282

Composite NOX : 0.290, 0.267, 0.385, 0.305, 1.248, 1.192, 4.337, 4.337, 1.48, 0.544

User supplied VMT mix.

User has supplied post-1999 sulfur levels.

User has disabled the calculation of REFUELING emissions.

Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVNB.D

M616 Comment:

User has supplied post-1999 sulfur levels.

M603 Comment:

User has disabled the calculation of REFUELING emissions.
* Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
* Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading Hourly VMT distribution from the following external
  * data file: CTNVTM.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external
  * data file: Z:\SER29B\2015\15SVMT5S.CTY
* Reading Hourly Roadway VMT distribution from the following external
  * data file: PVNVTM.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment:
User supplied VMT mix.

* New Haven County 2015 O3 SEASON w/OBD/ASM/idle I/M w/gascap, ATP, RFG2

* File 1, Run 19, Scenario 1.

** 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

M 48 Warning:
there are no sales for vehicle class LDGT12

LEV phase-in data read from file KLEVNE.D

Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type:      LDGV    LDGT12    LDGT34    LDGT    HDGV    LDDV    LDDT    HDDV    MC   All Veh
GVWR:               <6000     >6000     (All)     (All)    (All)    (All)    (All)    (All)    (All)    (All)
------    ------    ------    ------    ------    ------    ------    ------    ------    ------
VMT Distribution:    0.3394    0.4649    0.1584              0.0077    0.0003    0.0024    0.0184    0.0085    1.0000
----------------------------------------------------------------------------------------------------------------------
Composite Emission Factors (g/mi):
Composite VOC :      0.380     0.299     0.368     0.317     0.515    0.109     0.181     0.324      3.79     0.369
Composite NOX :      0.259     0.270     0.386     0.300     1.030    0.134     0.220     2.801      1.13     0.345
----------------------------------------------------------------------------------------------------------------------
***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                              *
* Input file: 15OZ.IN (file 1, run 19).                                   *
***************************************************************************
*******************New Haven  Local *******************************************

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)

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
  * data file: KLEVNE.D

M616 Comment:
User has supplied post-1999 sulfur levels.

User has disabled the calculation of REFUEILING emissions.

* Reading Registration Distributions from the following external
  * data file: CTREG05.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)

* Reading 1/M program description records from the following external
  * data file: CTIM05PL.D

CT 1/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
* Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
* Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading Hourly VMT distribution from the following external
  * data file: CTNVTM.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external
  * data file: Z:\SER29B\2015\15SVMT5S.CTY
* Reading Hourly Roadway VMT distribution from the following external
M 48 Warning: there are no sales for vehicle class HDGV8b

LEV phase-in data read from file NLEVNE.D
Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

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

VMT Distribution: 0.3386  0.4638  0.1580  0.0080  0.0003  0.0024  0.0193  0.0096  1.0000

Composite Emission Factors (g/mi):
Composite VOC: 0.477  0.382  0.468  0.404  0.806  0.160  0.274  0.557  4.81  0.477
Composite NOX: 0.253  0.258  0.360  0.284  0.880  0.165  0.273  3.231  0.95  0.341

Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: NLEVNE.D
User has supplied post-1999 sulfur levels.

User has disabled the calculation of REFUELING emissions.

Reading Registration Distributions from the following external data file: CTREG05.D
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

Reading I/M program description records from the following external data file: CTIM05PL.D
CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
Biennial 2500/IDLE I/M "tailpipe" test for all HDGT 8,501 - 10,000 lbs (per above comment)
Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Reading ASM I/M Test Credits from ASMDATA.D
Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF

Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2015\15SVMT5S.CTY

Reading Hourly Roadway VMT distribution from the following external data file: FCVMTR.CTY

Reading User Supplied ROADWAY VMT Factors
M 48 Warning: there are no sales for vehicle class HDGV8b

User supplied VMT mix.
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D

Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%) 
Maximum Rel. Hum.: 92.1 (%) 
Fuel Sulfur Content: 30.0 ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

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

VMT Distribution: 0.3223  0.4416  0.1504  0.0239  0.0003  0.0023  0.0578  0.0014  1.0000

Composite Emission Factors (g/mi):

Composite VOC :  0.359     0.280     0.349     0.297     0.421     0.296     0.319     0.266     3.42     0.322
Composite NOX :  0.265     0.287     0.429     0.323     1.060     0.123     0.202     2.426     1.16     0.444

************************************************************************************

* MOBILE6.2.03 (24-Sep-2003)
* Input file: 15OZ.IN (file 1, run 21).

**************New London Expressway**************

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
  * data file: NLEVNE.D
  M616 Comment: User has supplied post-1999 sulfur levels.
  M603 Comment: User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
  * data file: CTREG05.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)

* Reading I/M program description records from the following external
  * data file: CTIM05PL.D

* Reading ASM I/M Test Credits from ASMDATA.D
* Reading Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
  * data file: CTHVMT.DEF

Reading User Supplied ROADWAY VMT Factors
M615 Comment: User supplied VMT mix.

# # # # # # # # # # # # # # # # # # # # # # # # #
New London County 2015 O3 SEASON w/OBD/ASM/idle I/M w/gascap, ATP, RFG2
* File 1, Run 21, Scenario 1.
# # # # # # # # # # # # # # # # # # # # # # # # #

* I/M credits for Tech12 vehicles were read from the following external
  * data file: TECH12.D
M 48 Warning: there are no sales for vehicle class HDGV8b

LEV phase-in data read from file NLEVNE.D

Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%) 
Maximum Rel. Hum.: 90.6 (%) 
Fuel Sulfur Content: 30.0 ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

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

VMT Distribution: 0.3394  0.4649  0.1584  0.0077  0.0003  0.0024  0.0184  0.0085  1.0000

Composite Emission Factors (g/mi):
Composite VOC: 0.362  0.285  0.350  0.264  0.353  0.279  0.129  0.191  3.74  0.351
Composite NOX: 0.251  0.262  0.375  0.291  1.067  0.132  0.217  2.761  1.11  0.336

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2015
Month: July
Altitude: Low

Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%) Maximum Rel. Hum.: 90.6 (%) Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

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

VMT Distribution: 0.3323  0.584  0.0339  0.0023  0.0578  0.014  1.0000

Composite Emission Factors (g/mi):
Composite VOC: 0.362  0.285  0.350  0.302  0.472  0.100  0.166  0.284  3.68  0.351
Composite NOX: 0.251  0.262  0.375  0.291  1.067  0.132  0.217  2.761  1.11  0.336
Reading LEV IMPLEMENTATION SCHEDULE from the following external data file: NLEVNE.D
M616 Comment:
User has supplied post-1999 sulfur levels.
M603 Comment:
User has disabled the calculation of REFUELING emissions.

Reading Registration Distributions from the following external data file: CTREG05.D
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)

Reading I/M program description records from the following external data file: CTIM05PL.D

CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Reading ASM I/M Test Credits from ASMDATA.D

Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF

Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2015\15SVMT6S.CTY

Reading Hourly Roadway VMT distribution from the following external data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors M615 Comment:
User supplied VMT mix.

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Types:
LDGV   LDGT12   LDGT34   LDGT   HDGV   LDDV   LDDT   HDDV   MC  All Veh
GVWR:  <6000  >6000  (All)
VMT Distribution: 0.3386 0.4638 0.1580 0.0080 0.0003 0.0024 0.0193 0.0096 1.0000

Composite Emission Factors (g/mi):
Composite VOC : 0.487 0.392 0.480 0.414 0.826 0.180 0.274 0.357 4.93 0.488
Composite NOX : 0.257 0.258 0.360 0.284 0.881 0.185 0.273 0.331 0.92 0.343

MOBILE6.2.03 (24-Sep-2003)
Input file: 15OZ.IN (file 1, run 24)

New London County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Types:
LDGV   LDGT12   LDGT34   LDGT   HDGV   LDDV   LDDT   HDDV   MC  All Veh
GVWR:  <6000  >6000  (All)
VMT Distribution: 0.3386 0.4638 0.1580 0.0080 0.0003 0.0024 0.0193 0.0096 1.0000

Composite Emission Factors (g/mi):
Composite VOC : 0.487 0.392 0.480 0.414 0.826 0.180 0.274 0.357 4.93 0.488
Composite NOX : 0.257 0.258 0.360 0.284 0.881 0.185 0.273 0.331 0.92 0.343

New London Ramp

Reading LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVNE.D
M616 Comment:
User has supplied post-1999 sulfur levels.
M603 Comment:
User has disabled the calculation of REFUELING emissions.

Reading Registration Distributions from the following external data file: CTREG05.D
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
* Reading I/M program description records from the following external
  * data file: CTIM05PL.D
* CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
* Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR per above comment
* Biennial SOC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
* Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.D
* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading Hourly VMT distribution from the following external
  * data file: CTIHMNT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external
  * data file: 21\SEEG98\2015\1SVMNT05.CTY
* Reading Hourly Roadway VMT distribution from the following external
  * data file: FCVNMRT.CTY
* Reading User Supplied ROADWAY VMT Factors
  * M615 Comment:
    User supplied VMT mix.
* New London County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 24, Scenario 1.
* LEV phase-in data read from file NLEVNE.D
Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes
Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDGV LDGT HDDV MC All Veh
GVWR: <6000 >6000 <6000
VMT Distribution: 0.3223 0.4416 0.1504 0.0239 0.0003 0.0023 0.0578 0.0014 1.0000
Composite Emission Factors (g/mi): VOC NOX
Composite VOC: 0.285 0.355 0.303 0.435 0.896 0.159 0.266 3.54 0.328
Composite NOX: 0.265 0.286 0.427 0.322 1.061 0.123 0.202 2.426 1.12 0.443
* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
  * data file: KLEVNE.D
* M616 Comment:
  User has supplied post-1999 sulfur levels.
* M603 Comment:
  User has disabled the calculation of REFUELING emissions.
* Reading Registration Distributions from the following external
  * data file: CTPREG05.D
* M49 Warning:
  1.00 MYR sum not = 1. (will normalize)
  1.00 MYR sum not = 1. (will normalize)
  1.00 MYR sum not = 1. (will normalize)
  1.00 MYR sum not = 1. (will normalize)
  1.00 MYR sum not = 1. (will normalize)
  1.00 MYR sum not = 1. (will normalize)
  1.00 MYR sum not = 1. (will normalize)
  1.00 MYR sum not = 1. (will normalize)
  1.00 MYR sum not = 1. (will normalize)
* Reading I/M program description records from the following external
  * data file: CTIM05PL.D
CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)

* Biennial OBII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial ASM I/M tailpipe test for pos-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
* Biennial Gas Cap evaporative test for pos-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
  * data file: CTHVMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external
  * data file: SIUSER2010\11SMVMT7S.CTY
* Reading Hourly Roadway VMT distribution from the following external
  * data file: FCVMTF.CTY
Reading User Supplied ROADWAY VMT Factors
M615 Comment:

** User supplied VMT mix.

* Tolland County 2015 O3 SEASON w/CBO/ASM/Idle I/M W/gascap, ATP, RFG2
  * File 1, Run 25, Scenario 1.

*** 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
M 48 Warning:
there are no sales for vehicle class LDDT12
LEV phase-in data read from file KLEVNE.D
Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%) 
Maximum Rel. Hum.: 90.6 (%) 
Fuel Sulfur Content:   30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes
Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
GVWR:               <6000     >6000     (All)
------    ------    ------    ------    ------    ------    ------    ------    ------    ------
VMT Distribution:    0.3223    0.4416    0.1504              0.0239    0.0003    0.0023    0.0578    0.0014    1.0000
----------------------------------------------------------------------------------------------------------------------
Composite Emission Factors (g/mi):
Composite VOC :      0.312     0.250     0.304     0.263     0.352    0.079     0.129     0.191      3.78     0.282
Composite NOX :      0.251     0.278     0.391     0.306     1.278    0.206     0.341     4.631      1.49     0.563
----------------------------------------------------------------------------------------------------------------------
***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                              *
* Input file: 15OZ.IN (file 1, run 26).                                   *
***************************************************************************
*******************Tolland Arterials/Collectors ***************************
Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
data file: NLEVNE.D
M616 Comment:
User has supplied post-1999 sulfur levels.
M603 Comment:
User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
  * data file: CTREG05.D
M 49 Warning:

M 49 Warning:
M 49 Warning:
M 49 Warning:
M 49 Warning:

* Reading I/M program description records from the following external
  * data file: CTIM05PL.D
* CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)

* Biennial OBII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
  * data file: CTHVMT.DEF
Reading User Supplied ROADWAY VMT Factors
M615 Comment:

** User supplied VMT mix.

* Tolland County 2015 O3 SEASON w/CBO/ASM/Idle I/M W/gascap, ATP, RFG2
  * File 1, Run 25, Scenario 1.

*** 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
M 48 Warning:
there are no sales for vehicle class LDDT12
LEV phase-in data read from file KLEVNE.D
Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%) 
Maximum Rel. Hum.: 90.6 (%) 
Fuel Sulfur Content:   30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes
Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
GVWR:               <6000     >6000     (All)
------    ------    ------    ------    ------    ------    ------    ------    ------    ------
VMT Distribution:    0.3223    0.4416    0.1504              0.0239    0.0003    0.0023    0.0578    0.0014    1.0000
----------------------------------------------------------------------------------------------------------------------
Composite Emission Factors (g/mi):
Composite VOC :      0.312     0.250     0.304     0.263     0.352    0.079     0.129     0.191      3.78     0.282
Composite NOX :      0.251     0.278     0.391     0.306     1.278    0.206     0.341     4.631      1.49     0.563
----------------------------------------------------------------------------------------------------------------------
***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                              *
* Input file: 15OZ.IN (file 1, run 26).                                   *
***************************************************************************
*******************Tolland Arterials/Collectors ***************************
Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
data file: NLEVNE.D
M616 Comment:
User has supplied post-1999 sulfur levels.
M603 Comment:
User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
  * data file: CTREG05.D
M 49 Warning:

M 49 Warning:
M 49 Warning:
M 49 Warning:
M 49 Warning:

* Reading I/M program description records from the following external
  * data file: CTIM05PL.D
* CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)

* Biennial OBII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial ASM I/M tailpipe test for pos-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
* Biennial Gas Cap evaporative test for pos-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
  * data file: CTHVMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2015\15SVMT7S.CTY
* Reading Hourly Roadway VMT distribution from the following external data file: FCVMTA.CTY
* Reading User Supplied ROADWAY VMT Factors
M615 Comment:
User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Tolland County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 26, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
** I/M credits for Tech12 vehicles were read from the following external data file: TECH12.D
M 48 Warning:
there are no sales for vehicle class HGV#B
M 48 Warning:
there are no sales for vehicle class LDOT12
LEV phase-in data read from file MLEVNE.D
Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 67.7 (°F)
Maximum Temperature: 95.5 (°F)
Minimum Rel. Hum.: 38.8 (%) 
Maximum Rel. Hum.: 90.6 (%) 
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes
Vehicle Type: LDGV  LDGT12  LDGT34  LDGT     HDGV     LDDV     LDDT     HDDV     MC     All Veh
GVWR: <6000  >6000  (All)
------    ------    ------    ------    ------    ------    ------    ------    ------    -----
VMT Distribution: 0.3394  0.4649  0.1584  0.0077  0.0003  0.0024  0.0184  0.0085  1.0000
----------------------------------------------------------------------------------------------------------------------
Composite Emission Factors (g/mi):
Composite VOC : 0.352  0.277  0.340  0.293  0.450  0.097  0.160  0.270  3.60  0.342
Composite NOX : 0.246  0.260  0.372  0.288  1.080  0.132  0.217  2.763  1.12  0.333
----------------------------------------------------------------------------------------------------------------------
***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                            *
* Input file: 15OZ.IN (file 1, run 27).                                   *
***************************************************************************
*******************Tolland Local ***************************************
* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: NLEVNE.D
M616 Comment:
User has supplied post-1999 sulfur levels.
M603 Comment:
User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external data file: CPREG05.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)

* Reading I/M program description records from the following external data file: CTIM05PL.D
* Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial 2500/IDLE I/M tailpipe test for all HDT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial 2500/IDLE I/M evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM 1/M Test Credits from ASMDATA.D
* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2015\15SVMT7S.CTY
* Reading Hourly Roadway VMT distribution from the following external data file: FCVMTA.CTY
Reading User Supplied ROADWAY VMT Factors
M615 Comment:
User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Tolland County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 27, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
** I/M credits for Tech12 vehicles were read from the following external
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV  LDGT12  LDGT34  LDGT  HDGV  LDDV  LDDT  HDDV  MC  All Veh
GVWR: <6000 >6000 (All)
VMT Distribution: 0.3386 0.4638 0.1580 0.0080 0.0003 0.0024 0.0193 0.0096 1.0000

Composite Emission Factors (g/mi):
Composite VOC: 0.487 0.392 0.480 0.414 0.826 0.160 0.274 0.557 4.93 0.488
Composite NOX: 0.257 0.258 0.360 0.284 0.881 0.165 0.273 3.231 0.92 0.343

---
* MOBILES.2.03 (24-Sep-2003)
* Input file: 15OZ.IN (file 1, run 28).
** Tolland Ramp. **

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVNE.D
M616 Comment:
User has supplied post-1999 sulfur levels.

* Reading Registration Distributions from the following external data file: STRREGS.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)

* Reading I/M program description records from the following external data file: CTIM05PL.D
* CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
* Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR
* Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.D
* Biennial gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external data file: CTNVT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: 3:Z:SVMT7S.CTY
* Reading Hourly Roadway VMT distribution from the following external data file: SCIRY.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment: User supplied VMT mix.

---
** Tolland County 2015 O3 SEASON w/OBD/ASM/idle I/M R/gascap, ATP, RFG2
* File 1, Run 28, Scenario 1.
** 1/M credits for Tech1a2 vehicles were read from the following external data file: TECH12.D
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

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

VMT Distribution: 0.3233, 0.4416, 0.1339

Composite Emission Factors (g/mi):
Composite VOC: 0.386 0.285 0.355 0.303 0.435 0.396 0.159 0.266 3.54 0.328
Composite NOX: 0.265 0.286 0.427 0.322 1.061 0.123 0.202 2.426 1.12 0.443

* Windham Expressway

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: NLEVNE.D
* M616 Comment:
User has supplied post-1999 sulfur levels.

* Reading Registration Distributions from the following external data file: CTREG05.D

M 49 Warning:
1.00 MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external data file: CTIM05PL.D

*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D

*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2015\15SVMT8S.CTY

* Reading Hourly Roadway VMT distribution from the following external data file: PCVMT.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment:
User supplied VMT mix.

* Windham County 2015 O3 SEASON w/OBD/ASM/idle I/M w/gascap, ATP, RFG2
* File 1, Run 29, Scenario 1.

** I/M credits for Tech12 vehicles were read from the following external data file: TBCH12.D

M 48 Warning:
there are no sales for vehicle class HDGV8b
there are no sales for vehicle class LDGT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 90.6 (%)  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

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

VMT Distribution: 0.3233, 0.4416, 0.1339

Composite Emission Factors (g/mi):
Composite VOC: 0.312 0.250 0.303 0.263 0.352 0.279 0.129 0.190 3.80 0.281
Composite NOX: 0.252 0.278 0.391 0.307 1.279 0.208 0.344 4.662 1.49 0.565
### Windham Arterials/Collectors

#### MOBILE6.2.03 (24-Sep-2003)
- Input file: 15OZ.IN (file 1, run 30).

#### Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: NLEVNE.D
- User has supplied post-1999 sulfur levels.
- User has disabled the calculation of REFUELING emissions.

#### Reading Registration Distributions from the following external data file: CTREG05.D
- Warning: MYR sum not = 1. (will normalize)

#### Reading I/M program description records from the following external data file: CTIM05PL.D
- CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
- Biennial OBII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBII test that replaced the ASM
- Biennial OBII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
- Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
- Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

#### Reading ASM I/M Test Credits from ASMDATA.D
- Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

#### Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF

#### Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2015\15SVMT8S.CTY

#### Reading Hourly Roadway VMT distribution from the following external data file: PCVMTA.CTY

#### Reading User Supplied ROADWAY VMT Factors
- User supplied VMT mix.

#### Windham County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
- File 1, Run 30, Scenario 1.

#### *** I/M credits for Tech1&2 vehicles were read from the following external data file: TECH12.D
- Warning: there are no sales for vehicle class HDGV8b
- Warning: there are no sales for vehicle class LDGT12

#### LEV phase-in data read from file KLEVNE.D
- Calendar Year: 2015
- Month: July
- Altitude: Low
- Minimum Temperature: 67.7 (F)
- Maximum Temperature: 95.5 (F)
- Maximum Rel. Hum.: 38.8 (%)
- Fuel Sulfur Content: 30. ppm
- Exhaust I/M Program: Yes
- Evap I/M Program: Yes
- ATP Program: Yes
- Reformulated Gas: Yes

#### Vehicle Type: LDOV LDGT12 LDGT34 LDGT HDGV LDGV LDGT LDHV All Veh
<table>
<thead>
<tr>
<th>GVWR</th>
<th>&lt;6000</th>
<th>&gt;6000</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.3394</td>
<td>0.4649</td>
</tr>
</tbody>
</table>

#### Composite Emission Factors (g/mi):
- Composite VOC : 0.345 0.272 0.334 0.287 0.433 0.294 0.156 0.256 3.54 0.335
- Composite NOx : 0.244 0.259 0.370 0.287 0.108 0.218 2.776 1.14 0.322

#### Windham Local

#### MOBILE6.2.03 (24-Sep-2003)
- Input file: 15OZ.IN (file 1, run 31).

#### Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: NLEVNE.D
- User has supplied post-1999 sulfur levels.
- User has disabled the calculation of REFUELING emissions.

#### Reading Registration Distributions from the following external data file: CTREG05.D

---
* Reading I/M program description records from the following external data file: CTIM05PL.D
* CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
* Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
* Biennial ASM I/M "tailpipe" test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.D
* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading Hourly VMT distribution from the following external data file: CTWMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2015\15SVMT8S.CTY
* Reading Hourly Roadway VMT distribution from the following external data file: FCWMTL.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment:
User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Windham County 2015 O3 SEASON w/CBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run #1, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
*** I/M credits for Tech12 vehicles were read from the following external data file: TECH12.D

M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVELE.D
Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

<table>
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<tr>
<th>Vehicle Type</th>
<th>LDGV</th>
<th>LDGT12</th>
<th>LDGT34</th>
<th>LDGT</th>
<th>HDGV</th>
<th>LDDV</th>
<th>LDJT</th>
<th>HDJH</th>
<th>MC</th>
<th>All Veh</th>
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<tbody>
<tr>
<td>GVWR:</td>
<td>&lt;6000</td>
<td>&gt;6000</td>
<td>(All)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td>VMT Distribution:</td>
<td>0.3386</td>
<td>0.4638</td>
<td>0.1580</td>
<td>0.0080</td>
<td>0.0003</td>
<td>0.0024</td>
<td>0.0193</td>
<td>0.0096</td>
<td>1.0000</td>
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Composite Emission Factors (g/mi):

<table>
<thead>
<tr>
<th>Composite</th>
<th>VOC</th>
<th>NOX</th>
</tr>
</thead>
<tbody>
<tr>
<td>LDGV</td>
<td>0.487</td>
<td>0.432</td>
</tr>
<tr>
<td>LDGT12</td>
<td>0.480</td>
<td>0.414</td>
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<td>LDGT34</td>
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<td>0.366</td>
</tr>
<tr>
<td>LDGT</td>
<td>0.366</td>
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</tr>
<tr>
<td>HDGV</td>
<td>0.328</td>
<td>0.284</td>
</tr>
<tr>
<td>LDDV</td>
<td>0.284</td>
<td>0.241</td>
</tr>
<tr>
<td>LDJT</td>
<td>0.241</td>
<td>0.201</td>
</tr>
<tr>
<td>HDJH</td>
<td>0.201</td>
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</tr>
<tr>
<td>MC</td>
<td>0.168</td>
<td>0.139</td>
</tr>
<tr>
<td>All Veh</td>
<td>0.139</td>
<td>0.116</td>
</tr>
</tbody>
</table>

***************************************************************************
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 15OZ.IN (file 1, run 32) *
***************************************************************************

Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVELE.D

M616 Comment:
User has supplied post-1999 sulfur levels.

M603 Comment:
User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external data file: CTREG05.D

M 49 Warning:
MYR sum not = 1. (will normalize)
* Reading I/M program description records from the following external
  * data file: CTIM05PL.D
* CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
* Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial 2500/IDLE I/M "tailpipe" test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
* Biennial ASM I/M "tailpipe" test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.D
* Reading Hourly VMT distribution from the following external
  * data file: CT/HMVT.DSF

 * **Reading User Supplied ROADWAY VMT Factors**
   M615 Comment:
   User supplied VMT mix.

### Windham County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

### LEV phase-in data read from file KLEVNE.D

#### Calendar Year: 2015
#### Month: July
#### Altitude: Low
#### Minimum Temperature: 67.7 (F)
#### Maximum Temperature: 95.5 (F)
#### Minimum Rel. Hum.: 38.8 (%)  
#### Maximum Rel. Hum.: 90.6 (%)  
#### Fuel Sulfur Content: 30. ppm  
#### Exhaust I/M Program: Yes
#### Evap I/M Program: Yes
#### ATP Program: Yes
#### Reformulated Gas: Yes

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>LDGV</th>
<th>LDGT12</th>
<th>LDGT34</th>
<th>LDGT</th>
<th>HDGV</th>
<th>LDDV</th>
<th>LDDT</th>
<th>HDDV</th>
<th>MC</th>
<th>All Veh</th>
</tr>
</thead>
<tbody>
<tr>
<td>VMT Distribution</td>
<td>-----</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td>------</td>
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</tr>
<tr>
<td>Composite VOC</td>
<td>0.266</td>
<td>0.285</td>
<td>0.355</td>
<td>0.303</td>
<td>0.435</td>
<td>0.296</td>
<td>0.159</td>
<td>0.266</td>
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<td>0.328</td>
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<tr>
<td>Composite NOX</td>
<td>0.286</td>
<td>0.284</td>
<td>0.427</td>
<td>0.322</td>
<td>1.061</td>
<td>0.123</td>
<td>0.202</td>
<td>2.426</td>
<td>1.12</td>
<td>0.443</td>
</tr>
</tbody>
</table>
***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                              *
* Input file: 25OZ.IN (file 1, run 1).                                    *
***************************************************************************

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: NLEVNE.D
M616 Comment:
User has supplied post-1999 sulfur levels.

M603 Comment:
User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external data file: CTREG05.D
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external data file: CTIM05PL.D
* CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)

* Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBDII I/M evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external data file: CHVMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2025\25SVMT1S.CTY

* Reading Hourly Roadway VMT distribution from the following external data file: FCVMTF.CTY

* M615 Comment:
User supplied VMT mix.

* Fairfield County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 1, Scenario 1.

** 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

M 48 Warning:
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV LDGTV LDOT LDOT34 LDOT HDGV LDDV LDOT HDDV MC All Veh
GVWR: <6000 >6000 (All)

VMT Distribution:

Composite Emission Factors (g/mi):

** Fairfield Arterials/Collectors

* MOBILE6.2.03 (24-Sep-2003)
* Input file: 25OZ.IN (file 1, run 2).

***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                              *
* Input file: 25OZ.IN (file 1, run 2).                                    *
***************************************************************************

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: NLEVNE.D
M616 Comment:
User has supplied post-1999 sulfur levels.

M603 Comment:
User has disabled the calculation of REFUELING emissions.

** Fairfield Expressway

Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: NLEVNE.D
M616 Comment:
User has supplied post-1999 sulfur levels.

M603 Comment:
User has disabled the calculation of REFUELING emissions.
* Reading Registration Distributions from the following external
  * data file: CTREG05.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)

* Reading I/M program description records from the following external
  * data file: CTIM05PL.D
  * CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
  * Biennial OBDD I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBDD test that replaced the AEM
  * Biennial OBDD evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
  * Biennial TSI I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
  * Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
  * Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
  * Reading Hourly VMT distribution from the following external
  * data file: CTHVMT.DEF
  * Reading Hourly VMT distribution from the following external
  * data file: Z:\SER29B\2025\25SVMT1S.CTY
  * Reading Hourly Roadway VMT distribution from the following external
  * data file: RCWMTA.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
  User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Fairfield County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
  * File 1, Run 2, Scenario 1.
  * # # # # # # # # # # # # # # # # # # # # # # # # #
  * 1/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
  M 48 Warning: there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
  Evap I/M Program: Yes
  ATP Program: Yes
Reformulated Gas: Yes
Vehicle Type: LDGV  LDGT12  LDGT34  LDGT  HDGV  LDGV  LDGT  HDGV  MC  All Veh
GVWR:  <6000  >6000  (All)  <6000  >6000  (All)  <6000  >6000  (All)  <6000  >6000  (All)
VMT Distribution:  0.3091  0.4873  0.1662  0.0077  0.0003  0.0025  0.0184  0.0085  1.0000

Composite Emission Factors (g/mi):
  Composite VOC :  0.234  0.230  0.256  0.236  0.297  0.257  0.282  0.283  3.36  0.263
  Composite NOX :  0.133  0.175  0.247  0.193  0.316  0.231  0.112  0.126  1.12  0.194

***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                              *
* Input file: 25OZ.IN (file 1, run 3).                                    *
***************************************************************************

******Fairfield Local ****************************

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
  data file: KLEVNE.D
M616 Comment:
  User has supplied post-1999 sulfur levels.

M603 Comment:
  User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
  * data file: CTREG05.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)

* Reading I/M program description records from the following external
  * file: CTIM05PL.D
  * CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
  * Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
  * Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
  * Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
  * Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
  * Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D

* Reading Hourly VMT distribution from the following external
  * file: CTWMT.DF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
  * file: file1.ser29b/2025/25SVMT1S.CTY

* Reading Hourly Roadway VMT distribution from the following external
  * file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment: User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Fairfield County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 1, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
** I/M credits for Tech12 vehicles were read from the following external
  data file: TECH12.D

M 48 Warning: There are no sales for vehicle class HDGV8b

M 48 Warning: There are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEUNE.D

Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV LDGT12 LDGT34 LDOT HDGV LDV LDTC HDDV MC All Veh
GVWR: <6000 >6000 (All)

VMT Distribution: 0.3084 0.4861 0.1657 0.0081 0.0003 0.0025 0.0193 0.0096 1.0000

Composite Emission Factors (g/mi):
Composite VOC : 0.301 0.295 0.325 0.303 0.458 0.281 0.167 0.465 4.27 0.344
Composite NOX : 0.130 0.164 0.221 0.178 0.274 0.038 0.144 0.975 0.95 0.187

***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                              *
* Input file: 25OZ.IN (file 1, run 4).                                      *
***************************************************************************

**Fairfield Ramp **

*************************************************
* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
  * file: KLEUNE.D
  * M603 Comment: User has supplied post-1999 sulfur levels.
  * M616 Comment: User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
  * file: CTPREGS.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)

* Reading I/M program description records from the following external
  * file: CTIM05PL.D
  * CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
  * Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
  * Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
  * Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
  * Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
  * Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D

* Warning:
  1.00 MYR sum not = 1. (will normalize)
  1.00 MYR sum not = 1. (will normalize)
  1.00 MYR sum not = 1. (will normalize)
Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF

Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2025\25SVMT2S.CTY

Reading Hourly Roadway VMT distribution from the following external data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment: User supplied VMT mix.

Reading User Supplied ROADWAY VMT Factors

M615 Comment: User supplied VMT mix.

Fairfield County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

File 1, Run 4, Scenario 1.

I/M credits for Tech1&2 vehicles were read from the following external data file: TECH12.D

Warning: there are no sales for vehicle class HDGV8b

Warning: there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNE.D

Calendar Year: 2025

Month: July

Altitude: Low

Minimum Temperature: 66.5 (°F)

Maximum Temperature: 91.6 (°F)

Minimum Rel. Hum.: 41.4 (%)

Maximum Rel. Hum.: 92.1 (%)

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: Yes

Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDGV LDGT LDGV HDGV MC All Veh

GVWR: <6000 >6000 (All)

VMT Distribution: 0.2933 0.4630 0.1578 0.0240 0.0003 0.0024 0.0578 0.0014 1.0000

Composite Emission Factors (g/mi)

Composite VOC : 0.206 0.202 0.231 0.209 0.210 0.210 0.204 0.222 2.89 0.212

Composite NOX : 0.130 0.183 0.279 0.208 0.329 0.028 0.106 0.726 1.16 0.219

M615 Comment: User has supplied post-1999 sulfur levels.

M603 Comment: User has disabled the calculation of REFUELING emissions.

Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVNE.D

M616 Comment:

Reading Registration Distributions from the following external data file: CTREG05.D

M49 Warning: MYR sum not = 1. (will normalize)

Reading I/M program description records from the following external data file: CTIM05PL.D

CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD))

Biennial OBII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM

Biennial OBII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR

Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)

Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Reading ASM I/M Test Credits from ASMDATA.D

Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF

Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2025\25SVMT2S.CTY

Reading Hourly Roadway VMT distribution from the following external data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment: User supplied VMT mix.
*** 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
there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type:      LDGV    LDGT12    LDGT34    LDGT      HDGV      LDDV      LDDT      HDDV    MC   All Veh
GVWR:               <6000     >6000     (All)     (All)     (All)     (All)     (All)     (All)    ----
VMT Distribution:    0.2933    0.4630    0.1578    0.0240    0.0003    0.0024    0.0578    0.0014    1.0000

Composite Emission Factors (g/mi):
Composite VOC :      0.174     0.179     0.201     0.185     0.166    0.039     0.077     0.164      3.15     0.184
Composite NOX :      0.121     0.175     0.247     0.194     0.391    0.044     0.170     1.218      1.44     0.238

***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                              *
* Input file: 25OZ.IN (file 1, run 6).                                    *
***************************************************************************

** Hartford County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
** File 1, Run 5, Scenario 1.
**
*** I/M credits for Tech12 vehicles were read from the following external data file: TEC12.D

M 48 Warning:
there are no sales for vehicle class HDGV8b
there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 90.6 (%)  
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type:  
LDGV  LDGT12  LDGT34  LDGT  HDGV  LDDV  LDDT  HDDV  MC  All Veh
GVWR: <6000  >6000  (All)  
VMT Distribution:  
0.3091  0.4873  0.1662  0.0077  0.0003  0.0025  0.0184  0.0085  1.0000

Composite Emission Factors (g/mi):
Composite VOC: 0.225  0.222  0.248  0.229  0.270  0.053  0.107  0.266  3.32  0.255
Composite NOX: 0.130  0.171  0.242  0.189  0.321  0.030  0.115  0.795  1.08  0.190

** Hartford Local **********

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: NLEVNE.D
  User has supplied post-1999 sulfur levels.
  User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external data file: CTREG05.D
  1.000 MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external data file: CTIM05PL.D

* Reading ASM I/M Test Credits from ASMDATA.D

* Reading Hourly VMT distribution from the following external data file: CTWVMT.DEF

** Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
** File 1, Run 7, Scenario 1.

** Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
** File 1, Run 7, Scenario 1.

** Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
** File 1, Run 7, Scenario 1.

** Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
** File 1, Run 7, Scenario 1.

** Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
** File 1, Run 7, Scenario 1.

** Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
** File 1, Run 7, Scenario 1.

** Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
** File 1, Run 7, Scenario 1.

** Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
** File 1, Run 7, Scenario 1.

** Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
** File 1, Run 7, Scenario 1.

** Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
** File 1, Run 7, Scenario 1.

** Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
** File 1, Run 7, Scenario 1.

** Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
** File 1, Run 7, Scenario 1.

** Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
** File 1, Run 7, Scenario 1.

** Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
** File 1, Run 7, Scenario 1.

** Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
** File 1, Run 7, Scenario 1.

** Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
** File 1, Run 7, Scenario 1.

** Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
** File 1, Run 7, Scenario 1.
**Composite Emission Factors (g/mi):**

**Composite VOC:**
- 0.304 0.302 0.333 0.310 0.467 0.081 0.167 0.465 4.39 0.351

**Composite NOX:**
- 0.134 0.164 0.222 0.179 0.274 0.144 0.177 0.975 0.92 0.188

---

**Hartford Ramp**

---

**M603 Comment:**
- User has supplied post-1999 sulfur levels.

---

**Litchfield Expressway**

---

**M603 Comment:**
- User has disabled the calculation of REFUELING emissions.
User has disabled the calculation of REFueling emissions.

Reading Registration Distributions from the following external data file: CTREG05.D

M49 Warning: MYR sum not = 1. (will normalize)

Reading I/M program description records from the following external data file: CTIM05PL.D

CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASIM
Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)

Biennial I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Reading I/M Test Credits from ASMDATA.D

Reading ASM I/M Test Credits from ASMDATA.D

Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF

Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2025\25SVMT3S.CTY

Reading Hourly Roadway VMT distribution from the following external data file: PCVMFT.CTY

Reading User Supplied ROADWAY VMT Factors

User supplied VMT mix.

Litchfield County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

File 1, Run 9, Scenario 1.

LEV phase-in data read from file KLEVNE.D

Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

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

VMT Distribution: 0.2933 0.4630 0.1578

Composite Emission Factors (g/mi):

Composite VOC: 0.172 0.178 0.198 0.183 0.160 0.160 0.038 0.075 0.159 3.24 0.182

Composite NOX: 0.122 0.177 0.249 0.195 0.397 0.247 0.181 1.293 1.49 0.244

User has supplied post-1999 sulfur levels.

User has disabled the calculation of REFueling emissions.
* Reading I/M program description records from the following external data file: CTIM05PL.D
  * CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
  * Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
  * Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
  * Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
  * Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR
  * Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
  * Reading ASM I/M Test Credits from ASMDATA.D
  * Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
  * Reading Hourly VMT distribution from the following external data file: Z:\SER29B\2025\25SVMT3S.CTY
  * Reading Hourly Roadway and speed VMT dist. from the following external data file: RVMTA.CTY
  * Reading Hourly ROADWAY VMT Factors from the following external data file: CTREG05.D
  * Reading Registration Distributions from the following external data file: CTREG05.D
  * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * 
  * Reading I/M program description records from the following external data file: CTIM05PL.D
  * CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
  * Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
  * Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
  * Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
  * Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 67.7 (°F)
Maximum Temperature: 95.5 (°F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDGV LDGT HDGV MC All Veh
GVWR: <6000 >6000 (All) 0.007 0.003 0.0025 0.0184 0.0085 1.0000
VMT Distribution: 0.3091 0.4873 0.1662 0.0077 0.0003 0.0025 0.0184 0.0085 1.0000

Composite Emission Factors (g/mi):
Composite VOC : 0.199 0.199 0.222 0.205 0.217 0.246 0.092 0.216 3.02 0.227
Composite NOX : 0.122 0.166 0.235 0.183 0.342 0.116 0.094 1.14 0.185

M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class LDGT12

User supplied VMT mix.

User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVNE.D
* Input file: 25OZ.IN (file 1, run 11)

User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external data file: CTREG05.D

* Reading I/M program description records from the following external data file: CTIM05PL.D
  * CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
  * Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
  * Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
  * Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
  * Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2025\25SVMT3S.CTY
* Reading Hourly VMT distribution from the following external data file: FCVMTR.CTY
* Reading User Supplied ROADWAY VMT Factors

M615 Comment:
User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Litchfield County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 11, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
*** 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
there are no sales for vehicle class LDGT12
LEV phase-in data read from file NLEVNE.D
Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes
Vehicle Type:
LDGV    LDGT12    LDGT34    LDGT    HDGV    LDDV    LDDT    HDDV    MC   All Veh
GVWR:  <6000     >6000     (All)     (All)     (All)     (All)     (All)     (All)     (All)
------    ------    ------    ------    ------    ------    ------    ------    ------    ------
VMT Distribution: 0.3084    0.4861    0.1657    0.0081    0.0003    0.0025    0.0193    0.0096    1.0000
----------------------------------------------------------------------------------------------------------------------
Composite Emission Factors (g/mi):
Composite VOC : 0.304    0.302    0.333    0.310    0.467    0.081    0.167    0.465    4.39    0.351
Composite NOX : 0.134    0.164    0.222    0.179    0.274    0.038    0.144    0.975    0.92    0.188
----------------------------------------------------------------------------------------------------------------------
***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                              *
* Input file: 25OZ.IN (file 1, run 12).                                   *
***************************************************************************

M 49 Warning:
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)

* Reading Registration Distributions from the following external data file: CTREG05.D

M616 Comment:
User has supplied post-1999 sulfur levels.

M603 Comment:
User has disabled the calculation of REFUELING emissions.

* Reading I/M program description records from the following external data file: CTIM05PL.D

*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AZ to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD))
*Biennial OBBD I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBBD test that replaced the ASM
*Biennial OBBD evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2025\25SVMT3S.CTY
* Reading Hourly VMT distribution from the following external data file: FCVMTR.CTY
* Reading User Supplied ROADWAY VMT Factors
# Comment: User supplied VMT mix.

Litchfield County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

File 1, Run 12, Scenario 1.

# Comment: User supplied VMT mix.

Litchfield County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

File 1, Run 12, Scenario 1.

I/M credits for Tech12 vehicles were read from the following external data file: TECH12.D

M 48 Warning: there are no sales for vehicle class HDGV8b

M 48 Warning: there are no sales for vehicle class LDGT12

LEV phase-in data read from file KLEVNE.D

Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

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

VMT Distribution: 0.2933 0.4630 0.1578 0.0240 0.0003 0.0024 0.0578 0.0014 1.0000

----------------------------------------

Composite Emission Factors (g/mi):

Composite VOC: 0.209 0.205 0.234 0.213 0.216 0.047 0.094 0.222 2.99 0.216
Composite NOX: 0.130 0.183 0.278 0.207 0.330 0.028 0.106 0.726 1.12 0.218

------------------------------

* MOBILE6.2.03 (24-Sep-2003)
* Input file: 25OZ.IN (file 1, run 13).

Middlesex Expressway

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVNE.D

M616 Comment: User has supplied post-1999 sulfur levels.

M616 Comment: User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external data file: CREG05.D

M 49 Warning: MYR sum not = 1. (will normalize)

M 49 Warning: MYR sum not = 1. (will normalize)

M 49 Warning: MYR sum not = 1. (will normalize)

M 49 Warning: MYR sum not = 1. (will normalize)

M 49 Warning: MYR sum not = 1. (will normalize)

* Reading ASM I/M Test Credits from ASMDATA.D

* Reading ASM I/M Test Credits from ASMDATA.D

* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF

* Reading Hourly. Roadway, and Speed VMT dist. from the following external data file: S1\USER\2025\25SVMT4S.CTY

* Reading Hourly Roadway VMT distribution from the following external data file: Z:\SER29B\2025\25SVMT4S.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment: User supplied VMT mix.

Middlesex County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

File 1, Run 12, Scenario 1.

I/M credits for Tech12 vehicles were read from the following external data file: TECH12.D

M 48 Warning: there are no sales for vehicle class HDGV8b

M 48 Warning: there are no sales for vehicle class LDGT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV, LDGT12, LDGT34, LDGT, HDGV, LDDV, LDDT, HDDV, MC, All Veh

GVWR: <6000, >6000, (All)

VMT Distribution: 0.2933, 0.4630, 0.1578, 0.0240, 0.0003, 0.0024, 0.0578, 0.0014, 1.0000

Composite Emission Factors (g/mi):

- Composite VOC: 0.171, 0.177, 0.197, 0.182, 0.157, 0.238, 0.170, 0.160, 3.02, 0.180
- Composite NOX: 0.120, 0.176, 0.248, 0.194, 0.392, 0.044, 1.219, 1.50, 0.238

User supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.
GVWR:               <6000     >6000     (All)

VMT Distribution:    0.3091    0.4873    0.1662              0.0077    0.0003    0.0025    0.0184    0.0085    1.0000

Composite Emission Factors (g/mi):

Composite VOC :      0.214    0.211    0.235    0.217    0.246    0.051    0.102    0.249      3.11    0.241

Composite NOX :      0.125    0.169    0.239    0.187    0.328    0.030    0.115    0.798      1.15    0.188

----------------------------------------------------------------------------------------------------------------------

*** MOBILE6.2.03 (24-Sep-2003) ***
* Input file: 25OZ.IN (file 1, run 15) *

* Middlesex Local ******************************************

* Reading Registration Distributions from the following external data file: CTREG05.D

* Reading I/M program description records from the following external data file: CTIM05PL.D

* Reading ASM I/M Test Credits from ASMDATA.D

* Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF

* Middlesex County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

* File 1, Run 15, Scenario 1.

* # # # # # # # # # # # # # # # # # # # # # # # # #

* Middlesex County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

* File 1, Run 15, Scenario 1.

* # # # # # # # # # # # # # # # # # # # # # # # # #

* Middlesex County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

* File 1, Run 15, Scenario 1.

* # # # # # # # # # # # # # # # # # # # # # # # # #

* Middlesex County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

* File 1, Run 15, Scenario 1.

* # # # # # # # # # # # # # # # # # # # # # # # # #

* Middlesex County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

* File 1, Run 15, Scenario 1.

* # # # # # # # # # # # # # # # # # # # # # # # # #

* Middlesex County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

* File 1, Run 15, Scenario 1.

* # # # # # # # # # # # # # # # # # # # # # # # # #

* Middlesex County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

* File 1, Run 15, Scenario 1.

* # # # # # # # # # # # # # # # # # # # # # # # # #

* Middlesex County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

* File 1, Run 15, Scenario 1.

* # # # # # # # # # # # # # # # # # # # # # # # # #

* Middlesex County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

* File 1, Run 15, Scenario 1.

* # # # # # # # # # # # # # # # # # # # # # # # # #

* Middlesex County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

* File 1, Run 15, Scenario 1.
* Reading I/M program description records from the following external data file: CTIM05PL.D
  * CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
  * Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
  * Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
  * Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
  * Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading I/M Test Credits from ASMDATA.D
  * Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF
  * Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2025\25SVMT4S.CTY
  * Reading Hourly Roadway VMT distribution from the following external data file: PCVWR.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment: User supplied VMT mix.

* Middlesex County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RF2
  * File 1, Run 16, Scenario 1.
  * *** 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 HDGV9b
M 48 Warning: there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV, LDGT12, LDGT34, LDGT, HDGV, LDGV, LDGT, HDGV, MC, All Veh
GVWR: <6000, >6000
VMT Distribution: 0.2933, 0.4630, 0.1578, 0.0240, 0.0003, 0.0024, 0.0578, 0.0014, 1.0000

Composite Emission Factors (g/mi):
- Composite VOC: 0.206, 0.202, 0.231, 0.209, 0.210, 0.247, 0.094, 0.222, 2.89, 0.212
- Composite NOX: 0.130, 0.183, 0.279, 0.208, 0.329, 0.328, 0.106, 0.726, 1.16, 0.219

* MOBILE6.2.03 (24-Sep-2003)
  * Input file: 25OZ.IN (file 1, run 17)

*****************************************
* New Haven Expressway **************************

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: NLEVNE.D
  * M616 Comment: User has supplied post-1999 sulfur levels.

* Reading Registration Distributions from the following external data file: CTREG05.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)
Reading I/M program description records from the following external data file: CTIM05PL.D

* CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
* Biennial OBDD I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBDD evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
* Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: CTHVMT.DEF
* Reading Hourly Roadway VMT distribution from the following external data file: Z:\SER29B\2025\25SVMT5S.CTY
* Reading Hourly Roadway VMT distribution from the following external data file: FCVMTF.CTY
* Reading User Supplied ROADWAY VMT Factors

M615 Comment: User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* New Haven County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File I, Run 17, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #

*** I/M credits for Tech12 vehicles were read from the following external data file: TECH12.D

M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
GVWR:               <6000     >6000     (All)    ------    ------    ------    ------    ------    ------    ------    -----
VMT Distribution:    0.2933    0.4630    0.1578              0.0240    0.0003    0.0024    0.0578    0.0014    1.0000

Composite Emission Factors (g/mi):
Composite VOC :      0.174     0.179     0.200     0.185     0.165    0.040     0.078     0.169      3.03     0.184
Composite NOX :      0.121     0.175     0.246     0.193     0.387    0.043     0.166     1.192      1.48     0.236

***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                              *
* Input file: 25OZ.IN (file 1, run 18).                                     *
***************************************************************************

New Haven Arterials/Collectors

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVNE.D

M616 Comment: User has supplied post-1999 sulfur levels.

M603 Comment: User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external data file: CRREG05.D

M 49 Warning: there are no sales for vehicle class HDGV8b
* Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial SC evaporative "test" for all HDGT 8,501 - 16,000 lbs (per above comment)
* Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.D
* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading Hourly VMT distribution from the following external
  * data file: CTIVMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external
  * data file: z\SER29B\2025\25SVMT5S.CTY
* Reading Hourly Roadway VMT distribution from the following external
  * data file: FGUIVMT.CTY
* Reading User Supplied ROADWAY VMT Factors
  * M615 Comment: User supplied VMT mix.
* New Haven County 2025 O3 SEASON w/OBD/ASM/idle I/M w/gascap, ATP, RFG2
* File 1, Run 19, Scenario 1.
* 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
* M 48 Warning: there are no sales for vehicle class LDGT12
* LEV phase-in data read from file KLEVNE.D
  * Calendar Year: 2025
  * Month: July
  * Altitude: Low
  * Minimum Temperature: 66.5 (F)
  * Maximum Temperature: 91.6 (F)
  * Minimum Rel. Hum.: 41.4 (%)
  * Maximum Rel. Hum.: 92.1 (%)
  * Fuel Sulfur Content: 30. ppm
* Exhaust I/M Program: Yes
* Evap I/M Program: Yes
* ATP Program: Yes
* Reformulated Gas: Yes

**Composite Emission Factors (g/mi):**

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>LDGV</th>
<th>LDGT12</th>
<th>LDGT34</th>
<th>LDGT</th>
<th>HDGV</th>
<th>LDOV</th>
<th>LDDT</th>
<th>HDDV</th>
<th>MC</th>
<th>All Veh</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VMT Distribution</td>
<td>0.0861</td>
<td>0.1621</td>
<td>0.3622</td>
<td>0.233</td>
<td>0.278</td>
<td>0.111</td>
<td>0.280</td>
<td>0.328</td>
<td>1.000</td>
<td></td>
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<tr>
<td>Composite VOC</td>
<td>0.231</td>
<td>0.227</td>
<td>0.252</td>
<td>0.233</td>
<td>0.280</td>
<td>0.280</td>
<td>0.555</td>
<td>0.111</td>
<td>0.278</td>
<td>3.32</td>
</tr>
<tr>
<td>Composite NOX</td>
<td>0.131</td>
<td>0.174</td>
<td>0.246</td>
<td>0.192</td>
<td>0.318</td>
<td>0.318</td>
<td>0.030</td>
<td>0.117</td>
<td>0.808</td>
<td>1.12</td>
</tr>
<tr>
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<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

**CAUTION:**

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
  * data file: KLEVNE.D
* M616 Comment: User has supplied post-1999 sulfur levels.
  * M603 Comment: User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
  * data file: CTREG05.D
  * M 49 Warning: MYR sum not = 1. (will normalize)
  * M 49 Warning: MYR sum not = 1. (will normalize)
  * M 49 Warning: MYR sum not = 1. (will normalize)
  * M 49 Warning: MYR sum not = 1. (will normalize)
  * M 49 Warning: MYR sum not = 1. (will normalize)
  * M 49 Warning: MYR sum not = 1. (will normalize)
  * M 49 Warning: MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
  * data file: CTIM05PL.D
* CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
* Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial SC evaporative "test" for all HDGT 8,501 - 16,000 lbs (per above comment)
* Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.D
* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading Hourly VMT distribution from the following external
  * data file: CTIVMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external
  * data file: z\SER29B\2025\25SVMT5S.CTY
* Reading Hourly Roadway VMT distribution from the following external
Reading User Supplied ROADWAY VMT Factors

M615 Comment:
User supplied VMT mix.

*** I/M credits for Tech1a2 vehicles were read from the following external data file: TECH12.D

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class LDGT12

LEV phase-in data read from file NLEVNE.D
Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV   LDGT12   LDGT34   LDGT   HDGV   LDDV   LDDT   HDDV   MC   All Veh
GVWR: <6000   >6000   (All)
----    ------    ------    ------    ------    ------    ------    ------    ------    -----
VMT Distribution: 0.3084   0.4861   0.1657   0.0081   0.0003   0.0025   0.0193   0.0096   1.0000

----------------------------------------------------------------------------------------------------------------------

Composite Emission Factors (g/mi):

Composite VOC : 0.301   0.295   0.325   0.303   0.458   0.081   0.167   0.465   4.27   0.344
Composite NOX : 0.130   0.164   0.221   0.178   0.274   0.038   0.144   0.975   0.95   0.187

----------------------------------------------------------------------------------------------------------------------

***************************************************************************
** MOBILE6.2.03 (24-Sep-2003) **
***************************************************************************

Reading Registration Distributions from the following external data file: CTREG05.D

M 49 Warning:
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)

M603 Comment:
User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.

Reading I/M program description records from the following external data file: ASMDATA.D

* Biennial OBDII 1/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBDI evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
* Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Reading Hourly VMT distribution from the following external data file: FCVMTR.CTY

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class LDGT12

LEV phase-in data read from file NLEVNE.D

Calendar Year: 2025
Month: July
Altitude: Low

Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
Fuel ATP Program: Yes
Reformulated Gas: Yes

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

VMT Distribution:    0.2933    0.4630    0.1578              0.0240    0.0003    0.0024    0.0578    0.0014    1.0000

Composite Emission Factors (g/mi):
Composite VOC :      0.206     0.202     0.231     0.209     0.210    0.047     0.094     0.222      2.89     0.212
Composite NOX :      0.130     0.183     0.279     0.208     0.329    0.028     0.106     0.726      1.16     0.219

* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 25OZ.IN (file 1, run 21). *
* **********************************************************************
* New London Expressway ***********************************************
* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external *
* data file: NLEVNE.D
* M616 Comment: User has supplied post-1999 sulfur levels.
* M603 Comment: User has disabled the calculation of REFUELING emissions.
* * Reading Registration Distributions from the following external *
* data file: CRNREG05.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)
* * Reading I/M program description records from the following external *
* data file: CTIM05PL.D
* Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* * Reading ASM I/M Test Credits from ASMDATA.D
* * Reading Hourly VMT distribution from the following external *
* data file: CTHVMT.DEF
* * Reading Hourly, Roadway, and Speed VMT dist. from the following external *
* data file: Z:\SER29B\2025\25SVMT6S.CTY
* * Reading Hourly Roadway VMT distribution from the following external *
* data file: FCVMTF.CTY
* Reading User Supplied ROADWAY VMT Factors
* M615 Comment: User supplied VMT mix.
* # # # # # # # # # # # # # # # # # # # # # # # # # #
* New London County 2025 03 SEASON w/ODB/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 21, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # # #
*** I/M credits for Tech12 vehicles were read from the following external *
* data file: TECH12.D
* M 48 Warning: there are no sales for vehicle class HDGV8b
* M 48 Warning: there are no sales for vehicle class LDGT12

LEV phase-in data read from file NLEVNE.D

Calendar Year: 2025
Month: July
Altitude: Low

Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
### New London Arterials/Collectors

#### Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: NLEVNE.D

- User has supplied post-1999 sulfur levels.
- User has disabled the calculation of REFUELING emissions.

#### Reading Registration Distributions from the following external data file: CPREG05.D

- M 49 Warning: MYR sum not = 1. (will normalize)

#### Reading ASM I/M Test Credits from ASMDATA.D

- Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

#### Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF

#### Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2025\25SVMT6S.CTY

#### Reading Hourly Roadway VMT distribution from the following external data file: FCVMTA.CTY

#### Reading User Supplied ROADWAY VMT Factors

- User supplied VMT mix.

### New London County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

#### File 1, Run 22, Scenario 1.

#### I/M credits for Tech12 I/M test for 1992-1995 gasoline vehicles up to 8,500 lbs GVWR

- M 48 Warning: there are no sales for vehicle class LDGT12

#### LEV phase-in data read from file KLEVNE.D

- Calendar Year: 2025
- Month: July
- Altitude: Low

#### Exhaust I/M Program: Yes

- Evap I/M Program: Yes
- ATP Program: Yes
- Reformulated Gas: Yes

#### Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDGV LDGT HDDV MC All Veh

<table>
<thead>
<tr>
<th>GVWR</th>
<th>&lt;6000</th>
<th>&gt;6000</th>
</tr>
</thead>
<tbody>
<tr>
<td>VMT</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Composite Emission Factors (g/mi):

- **VOC**: 0.172 0.178 0.199 0.183 0.161 0.238 0.076 0.160 3.19 0.182
- **NOX**: 0.121 0.131 0.248 0.195 0.395 0.046 0.176 1.260 1.47 0.241

---

### New London County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

#### File 1, Run 22, Scenario 1.

#### I/M credits for Tech12 I/M test for 1992-1995 gasoline vehicles up to 8,500 lbs GVWR

- M 48 Warning: there are no sales for vehicle class LDGT12
* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
data file: NLEVNE.D
M616 Comment: User has supplied post-1999 sulfur levels.
M603 Comment: User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: STRING05.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)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
* CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
* Biennial OBSII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBS test that replaced the ASM
* Biennial OBSII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial OBSII tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
* Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29B\2025\25SVMT6S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment: User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #
* New London County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 23, Scenario 1,
* # # # # # # # # # # # # # # # # # # # # # # # # #
*** 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
M 48 Warning: there are no sales for vehicle class LDGT12
LEV phase-in data read from file KLEVNE.D
Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

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

VMT Distribution: 0.3084 0.4861 0.1657 0.0081 0.0003 0.0025 0.0193 0.0096 1.0000

Composite Emission Factors (g/mi):
Composite VOC: 0.304 0.302 0.333 0.310 0.467 0.281 0.167 0.465 4.39 0.351
Composite NOX: 0.134 0.164 0.222 0.179 0.274 0.238 0.144 0.975 0.92 0.188

* MOBILE6.2.03 (24-Sep-2003)
* Input file: 25OZ.IN (file 1, run 24)
***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 25OZ.IN (file 1, run 24)
***************************************************************************
Warning: MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
  * data file: CTIM05PL.D

* Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)

* Reading ASM I/M Test Credits from ASMDATA.D

* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

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

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
  * data file: Z:\SER29B\2025\25SVMT6S.CTY

* Reading Hourly Roadway VMT distribution from the following external
  * data file: PCVMTR.CTY

* Reading User Supplied ROADWAY VMT Factors
  M615 Comment: User supplied VMT mix.

* New London County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 24, Scenario 1.

* I/M credits for Tech1&2 vehicles were read from the following external
  data file: TCHI12.D

* there are no sales for vehicle class HGVAB

LEV phase-in data read from file KLEVNE.D

Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

VMT Distribution: 0.2933 0.4630 0.1578 0.0240 0.0003 0.0024 0.0578 0.0014 1.0000

Composite Emission Factors (g/mi):

- Composite VOC: 0.239
- Composite NOX: 0.130

** Tolland Expressway ******************************************

- Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
  - data file: KLEVNE.D
  M616 Comment: User has supplied post-1999 sulfur levels.

- Reading Registration Distributions from the following external
  - data file: CTREG05.D
  M 49 Warning: MYR sum not = 1. (will normalize)

- Reading I/M program description records from the following external
  - data file: CTIM05PL.D
CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD) *Biennial OBDD I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM *Biennial OBDD evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR *Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment) *Biennial ASM I/M tailpipe test for post-96 gasoline vehicles up to 8,500 lbs GVWR *Reading ASM I/M Test Credits from ASMDATA.D *Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

*Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF
*Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: SUSER2\2005\0125\25SVMT7S.CTY
*Reading Hourly Roadway VMT distribution from the following external
* data file: PCHVMT.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment:

User supplied VMT mix.

* Tolland County 2025 O3 SEASON w/CBD/ASM/Idle I/M W/gascap, ATP, RFG2
File 1, Run 25, Scenario 1.

** I/M credits for Tech1a2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%) Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type:     LDGV    LDGT12    LDGT34    LDGT     HDGV     LDDV     LDDT     HDDV        MC   All Veh
GVWR:               <6000     >6000     (All)    (All)    (All)    (All)    (All)    (All)    ------    ------    ------    ------    ------    ------    ------    ------    ------    ------    ------
VMT Distribution:    0.2933    0.4630    0.1578              0.0240    0.0003    0.0024    0.0578    0.0014    1.0000

----------------------------------------------------------------------------------------------------------------------

Composite Emission Factors (g/mi):

Composite VOC :      0.172     0.178     0.198     0.183     0.161    0.038     0.075     0.159      3.22     0.182
Composite NOX :      0.122     0.177     0.248     0.195     0.396    0.046     0.179     1.277      1.48     0.243

----------------------------------------------------------------------------------------------------------------------

***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                              *
* Input file: 25OZ.IN (file 1, run 26).                                   *
***************************************************************************

*******************Tolland Arterials/Collectors ***************************

M616 Comment:

User has supplied post-1999 sulfur levels.

User has disabled the calculation of REFUELING emissions.

*Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: KLEVNE.D
M603 Comment:

User has disabled the calculation of REFUELING emissions.

*Reading Registration Distributions from the following external
* data file: CTREG05.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)

*Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDD I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDD evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
*Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2025\25SVMT7S.CTY
* Reading Hourly Roadway VMT distribution from the following external data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment: User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # # 
* Tolland County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 2, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # # 
** 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
M 48 Warning: there are no sales for vehicle class LDDT12
LEV phase-in data read from file NLEVNE.D
Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDDV LDDT HDDV MC All Veh
GVWR: <6000 >6000 (All)
VMT Distribution: 0.3091 0.4873 0.1662 0.0077 0.0003 0.0025 0.0184 0.0085 1.0000

----------------------------------------------------------------------------------------------------------------------
** Composite Emission Factors (g/mi):**
Component VOC: 0.206 0.205 0.228 0.211 0.232 0.049 0.097 0.233 3.10 0.234
Component NOX: 0.123 0.166 0.235 0.184 0.333 0.030 0.114 0.791 1.12 0.185

----------------------------------------------------------------------------------------------------------------------
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 250Z.IN (file 1, run 27). *
* ******************************************************
* Tolland Local ******************************************************

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: NLEVNE.D
* M616 Comment: User has supplied post-1999 sulfur levels.

* Reading Registration Distributions from the following external data file: CTREG05.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)

* Reading I/M program description records from the following external data file: CTIM05PL.D
* Biennial OBDO II I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBDO II evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial 2500/D0LE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.D

* Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF

* Reading Hourly VMT distribution from the following external data file: Z:\SER29B\2025\25SVMT7S.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment: User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # # 
* Tolland County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 27, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # # 
** I/M credits for Tech1&2 vehicles were read from the following external data file: TECH12.D
## LEV phase-in data read from file KLEVNE.D

Calendar Year: 2025  
Month: July  
Altitude: Low  

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>LDGV</th>
<th>LDGT12</th>
<th>LDGT34</th>
<th>LDGT</th>
<th>HDGV</th>
<th>LDDV</th>
<th>LDDT</th>
<th>HDDV</th>
<th>MC</th>
<th>All Veh</th>
</tr>
</thead>
<tbody>
<tr>
<td>VMT Distribution</td>
<td>0.3084</td>
<td>0.4861</td>
<td>0.1657</td>
<td>0.0081</td>
<td>0.0003</td>
<td>0.0025</td>
<td>0.0193</td>
<td>0.0096</td>
<td>1.0000</td>
<td></td>
</tr>
</tbody>
</table>

### Composite Emission Factors (g/mi):

<table>
<thead>
<tr>
<th>Component</th>
<th>LDGV</th>
<th>LDGT12</th>
<th>LDGT34</th>
<th>LDGT</th>
<th>HDGV</th>
<th>LDDV</th>
<th>LDDT</th>
<th>HDDV</th>
<th>MC</th>
<th>All Veh</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC</td>
<td>0.304</td>
<td>0.302</td>
<td>0.333</td>
<td>0.310</td>
<td>0.467</td>
<td>0.281</td>
<td>0.167</td>
<td>0.465</td>
<td>4.39</td>
<td>0.351</td>
</tr>
<tr>
<td>NOX</td>
<td>0.134</td>
<td>0.164</td>
<td>0.222</td>
<td>0.179</td>
<td>0.274</td>
<td>0.238</td>
<td>0.144</td>
<td>0.975</td>
<td>0.188</td>
<td></td>
</tr>
</tbody>
</table>

---

#### Tolland Ramp

**Warning:**

- there are no sales for vehicle class HDGV8b  
- there are no sales for vehicle class LDDT12  

LEV phase-in data read from file NLEVNE.D

Calendar Year: 2025  
Month: July  
Altitude: Low  

<table>
<thead>
<tr>
<th>Minimum Temperature</th>
<th>67.7°F</th>
<th>95.5°F</th>
<th>38.8%</th>
<th>90.6%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel Sulfur Content</td>
<td>30 ppm</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Warning:**

- there are no sales for vehicle class HDGV8b  
- there are no sales for vehicle class LDDT12  

---

* MOBILES.2.03 (24-Sep-2003)
  * Input file: 25OZ.IN (file 1, run 28).

---

**User has supplied post-1999 sulfur levels.**

---

* Reading Registration Distributions from the following external
  * data file: STRG05.D

---

**User has disabled the calculation of REFUELING emissions.**
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV  LDGT12  LDGT34  LDGT  HDGV  LDGV  LDVT  HGDV  MC  All Veh
VMT Distribution: 0.2933  0.4630  0.1578  <6000  0.0240  0.0003  0.0024  0.0578  0.0014  1.0000

Composite Emission Factors (g/mi):
Composite VOC : 0.130  0.183  0.278  0.307  0.330  0.328  0.106  0.726  1.12  0.218
Composite NOX : 0.122  0.177  0.249  0.397  0.047  0.181  1.298  1.49  0.244

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: KLEVNE.D
M603 Comment:
User has supplied post-1999 sulfur levels.

* Reading ASM I/M Test Credits from ASMDATA.D
* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Programs for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
* Biennial OBII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR (per above comment)
* Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)

* Windham County 2025 O3 SEASON w/OBD/ASM/idle I/M w/gascap, ATP, RFG2
* File 1, Run 29, Scenario 1.

*** I/M credits for Tech1a2 vehicles were read from the following external
data file: TCH1A2.D

M 48 Warning:
there are no sales for vehicle class LDGT12
there are no sales for vehicle class LDGV8b

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%) 
Maximum Rel. Hum.: 90.6 (%) 
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV  LDGT12  LDGT34  LDGT  HDGV  LDGV  LDVT  HGDV  MC  All Veh
GVWR: <6000  >6000  (All)
VMT Distribution: 0.2933  0.4630  0.1578  0.0240  0.0003  0.0024  0.0578  0.0014  1.0000

Composite Emission Factors (g/mi):
Composite VOC : 0.172  0.178  0.198  0.183  0.160  0.038  0.075  0.159  3.25  0.182
Composite NOX : 0.122  0.177  0.249  0.195  0.397  0.247  0.181  1.298  1.49  0.244
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 25OZ.IN (file 1, run 30). *

**************************************************
*Windham Arterials/Collectors*

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: NLEVNE.D
  M616 Comment:
  User has supplied post-1999 sulfur levels.
  M603 Comment:
  User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external data file: CTREG05.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)

* Reading I/M program description records from the following external data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external data file: CHVMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2025\25SVMT8S.CTY
* Reading Hourly Roadway VMT distribution from the following external data file: PCVMT.ACT

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Windham County 2025 O3 SEASON w/CBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 30, Scenario 1.
*** 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
M 48 Warning:
there are no sales for vehicle class LDGT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%) 
Maximum Rel. Hum.: 90.6 (%) 
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>LDGV</th>
<th>LDGT12</th>
<th>LDGT34</th>
<th>LDGT</th>
<th>HDGV</th>
<th>LDGV</th>
<th>LDGT</th>
<th>HDGV</th>
<th>MC</th>
<th>All Veh</th>
</tr>
</thead>
<tbody>
<tr>
<td>GVWR</td>
<td>&lt;6000</td>
<td>&gt;6000</td>
<td>(All)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VMT Distribution</td>
<td>0.3091</td>
<td>0.4873</td>
<td>0.1662</td>
<td>0.0077</td>
<td>0.003</td>
<td>0.0025</td>
<td>0.0184</td>
<td>0.0085</td>
<td>1.0000</td>
<td></td>
</tr>
</tbody>
</table>

Composite Emission Factors (g/Mi):
Composite VOC : 0.250 0.199 0.222 0.205 0.218 0.246 0.092 0.218 3.02 0.227
Composite NOX : 0.121 0.165 0.234 0.183 0.340 0.073 0.115 0.794 1.14 0.184

* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 25OZ.IN (file 1, run 31).

**************************************************
*Windham Local*

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVNE.D
  M616 Comment:
  User has supplied post-1999 sulfur levels.
  M603 Comment:
  User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external data file: CTREG05.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)

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Reading User Supplied ROADWAY VMT Factors

Reading User Supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Windham County 2025 O3 SEASON w/CBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 30, Scenario 1.
*** 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
M 48 Warning:
there are no sales for vehicle class LDGT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%) 
Maximum Rel. Hum.: 90.6 (%) 
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>LDGV</th>
<th>LDGT12</th>
<th>LDGT34</th>
<th>LDGT</th>
<th>HDGV</th>
<th>LDGV</th>
<th>LDGT</th>
<th>HDGV</th>
<th>MC</th>
<th>All Veh</th>
</tr>
</thead>
<tbody>
<tr>
<td>GVWR</td>
<td>&lt;6000</td>
<td>&gt;6000</td>
<td>(All)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VMT Distribution</td>
<td>0.3091</td>
<td>0.4873</td>
<td>0.1662</td>
<td>0.0077</td>
<td>0.003</td>
<td>0.0025</td>
<td>0.0184</td>
<td>0.0085</td>
<td>1.0000</td>
<td></td>
</tr>
</tbody>
</table>

Composite Emission Factors (g/Mi):
Composite VOC : 0.250 0.199 0.222 0.205 0.218 0.246 0.092 0.218 3.02 0.227
Composite NOX : 0.121 0.165 0.234 0.183 0.340 0.073 0.115 0.794 1.14 0.184

* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 25OZ.IN (file 1, run 31).

**************************************************
*Windham Local*

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVNE.D
  M616 Comment:
  User has supplied post-1999 sulfur levels.
  M603 Comment:
  User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external data file: CTREG05.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)

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Reading User Supplied ROADWAY VMT Factors

Reading User Supplied VMT mix.
* Reading I/M program description records from the following external data file: CTIM05PL.D

* CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)

*Biennial OBII 1/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVMR. Program start year reflects OBD test that replaced the ASM

*Biennial OBII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVMR

*Biennial 2500/IDLE 1/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVMR (per above comment)

*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)

*Biennial ASM 1/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVMR

* Reading ASM 1/M Test Credits from ASMDATA.D

*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVMR

* Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2025\25SVMT8S.CTY

* Reading Hourly Roadway VMT distribution from the following external data file: FCVMTL.CTY

* Reading User Supplied ROADWAY VMT Factors

M615 Comment:
User supplied VMT mix.

** Windham County 2025 03 SEASON w/CB/ASM/idle 1/M W/gascap, ATP, RFG2

** File 1, Run 31, Scenario 1.  

*** 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

M 48 Warning:
there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNE.D

Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDDV LDOT HDDV MC All Veh
GVWR: <6000 >6000 (All)
VMT Distribution: 0.3084 0.4861 0.1657 0.0081 0.0003 0.0025 0.0193 0.0096 1.0000

Composite Emission Factors (g/mi):
Composite VOC = 0.304 0.302 0.333 0.310 0.467 0.281 0.167 0.465 4.39 0.351
Composite NOX = 0.134 0.164 0.222 0.179 0.274 0.238 0.144 0.975 0.92 0.188

***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                              *
* Input file: 2502.IN (file 1, run 32).                                    *
***************************************************************************

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVNE.D

M616 Comment:
User has supplied post-1999 sulfur levels.

M603 Comment:
User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external data file: CTREG05.D

M 49 Warning:
there are no sales for vehicle class HDGV8b

M 49 Warning:
there are no sales for vehicle class LDDT12

* Warning: 1.00 MYR sum not = 1. (will normalize)
* Reading I/M program description records from the following external file: CTIM05PL.D
* CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
* Biennial OBDII I/M "tailpipe" test for post-1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBDII evaporative "test" for post-1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial 2500/1000 I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)

* Reading ASM I/M Program description records from the following external file: ASMPL.D
* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external file: Z:\SER29B\2025\25SVMT8S.CTY

* Reading Hourly Roadway VMT distribution from the following external file: PVVMT.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment: User supplied VMT mix.

* Windham County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 32, Scenario 1.

** I/M credits for Tech1&2 vehicles were read from the following external file: TECH12.D

M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNE.D

Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%) 
Maximum Rel. Hum.: 90.6 (%) 
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV LDDV LDGT2 LDGT4 LDGT LDOT HDGV LDDV LDOT HDDV MC All Veh
GVWR: <6000 >6000 (All)
VMT Distribution: ----- ----- ----- ----- ----- ----- ----- ----- ----- ------

Composite Emission Factors (g/mi):
Composite VOC: 0.209 0.205 0.234 0.213 0.216 0.047 0.094 0.222 2.99 0.216
Composite NOX: 0.130 0.183 0.278 0.207 0.330 0.028 0.106 0.726 1.12 0.218

----------------------------------------------------------------------------------------------------------------------
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 35OZ.IN (file 1, run 1). *

* 2035 input file for DOT; created 08/17/06 JBR
* Updated for VMT fractions, new CTIM and speed files 10/05 JBR

************************Fairfield Expressway*******************************
* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
  data file: NLEVNE.D
  M616 Comment: User has supplied post-1999 sulfur levels.
  M603 Comment: User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
  data file: CTRREG05.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)

* Reading I/M program description records from the following external
  data file: CTIM05PL.D
  CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
  Biennial OBDD I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBDD test that replaced the ASM
  Biennial OBDD evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
  Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
  Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
  Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
  data file: CHVMT.DSF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external
  data file: \SER29B\2035\35SVMT1S.CTY
* Reading Hourly Roadway VMT distribution from the following external
  data file: PCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment: User supplied VMT mix.

# # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* # Fairfield County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
  File 1, Run 1, Scenario 1.
  # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
  **  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
M 48 Warning: there are no sales for vehicle class LDGT12

LEV phase-in data read from file NLEVNE.D
  Calendar Year: 2035
  Month: July
  Altitude: Low
  Minimum Temperature: 66.5 (F)
  Maximum Temperature: 91.6 (F)
  Minimum Rel. Hum.: 41.4 (%)
  Maximum Rel. Hum.: 92.1 (%)
  Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDDV LDGT HDDV MC All Veh
GVWR: <6000 >6000 (All)
VMT Distribution: 0.2935 0.4631 0.1578 0.0239 0.0003 0.0024 0.0576 0.0014 1.0000

Composite Emission Factors (g/mi):
  Composite VOC : 0.174 0.181 0.196 0.185 0.161 0.038 0.072 0.171 3.00 0.184
  Composite NOX : 0.110 0.170 0.227 0.184 0.190 0.034 0.143 0.594 1.42 0.188

# # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 35OZ.IN (file 1, run 2). *

************************Fairfield Arterials/Collectors***************************
* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
  data file: NLEVNE.D
  M616 Comment: User has supplied post-1999 sulfur levels.
  M603 Comment: User has disabled the calculation of REFUELING emissions.

# # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Fairfield County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
  File 1, Run 1, Scenario 1.
  # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
  **  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 LDGV8b
M 48 Warning: there are no sales for vehicle class LDGT12

LEV phase-in data read from file NLEVNE.D
  Calendar Year: 2035
  Month: July
  Altitude: Low
  Minimum Temperature: 66.5 (F)
  Maximum Temperature: 91.6 (F)
  Minimum Rel. Hum.: 41.4 (%)
  Maximum Rel. Hum.: 92.1 (%)
  Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDDV LDGT HDDV MC All Veh
GVWR: <6000 >6000 (All)
VMT Distribution: 0.2935 0.4631 0.1578 0.0239 0.0003 0.0024 0.0576 0.0014 1.0000

Composite Emission Factors (g/mi):
  Composite VOC : 0.174 0.181 0.196 0.185 0.161 0.038 0.072 0.171 3.00 0.184
  Composite NOX : 0.110 0.170 0.227 0.184 0.190 0.034 0.143 0.594 1.42 0.188

# # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Reading Registration Distributions from the following external data file: CTREG05.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)

* Reading I/M program description records from the following external data file: CTIM05PL.D
  CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
  *Biennial OBII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBII test that replaced the ASM
  *Biennial OBII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
  *Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
  *Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
  *Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
  *Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF
  *Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2035\35SVMT1S.CTY
  *Reading Hourly Roadway VMT distribution from the following external data file: FCVMTA.CTY
  Reading User Supplied ROADWAY VMT Factors
  M615 Comment:
  User supplied VMT mix.

  * # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
  * Fairfield County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
  * File 1, Run 2, Scenario 1.
  * # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #

---

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2035
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes
Vehicle Type: LDGV, LDGT12, LDGT34, LDGT, HDGV, LDGV, LDGT, HDDV, MC, All Veh
GVWR: <6000, >6000
VMT Distribution: 0.3091, 0.4873, 0.1662, 0.0077, 0.0003, 0.0025, 0.0184, 0.0085, 1.0000

---

Composite Emission Factors (g/mi):
Composite VOC : 0.232 0.230 0.248 0.234 0.295 0.092 0.273 3.37 0.261
Composite NOX : 0.122 0.172 0.230 0.186 0.158 0.025 0.106 0.440 1.11 0.179

---

* MOBILE6.2.03 (24-Sep-2003)
* Input file: 35OZ.IN (file 1, run 3)
* Reading LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVNE.D
  M616 Comment:
  User has disabled the calculation of REFUELING emissions.

---

* Reading Registration Distributions from the following external data file: CTREG05.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)

---

* LEV phase-in data read from file KLEVNE.D
Calendar Year: 2035
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes
Vehicle Type: LDGV, LDGT12, LDGT34, LDGT, HDGV, LDGV, LDGT, HDDV, MC, All Veh
GVWR: <6000, >6000
VMT Distribution: 0.3091, 0.4873, 0.1662, 0.0077, 0.0003, 0.0025, 0.0184, 0.0085, 1.0000

---

Composite Emission Factors (g/mi):
Composite VOC : 0.232 0.230 0.248 0.234 0.295 0.092 0.273 3.37 0.261
Composite NOX : 0.122 0.172 0.230 0.186 0.158 0.025 0.106 0.440 1.11 0.179

---

* MOBILE6.2.03 (24-Sep-2003)
* Input file: 35OZ.IN (file 1, run 3)
* Reading LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVNE.D
  M616 Comment:
  User has disabled the calculation of REFUELING emissions.

---

* Reading Registration Distributions from the following external data file: CTREG05.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)
Warning: 1.00  MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
  * data file: CTIM05PL.D
  * CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
  * Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
  * Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
  * Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
  * Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
  * Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
  * Reading ASM I/M Test Credits from ASMDATA.D
  * Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
  * Reading Hourly VMT distribution from the following external
  * data file: CTNVMT.DEF
  * Reading Hourly, Roadway, and Speed VMT dist. from the following external
  * data file: Z:\SER29B\2035\35SVMT1S.CTY
  * Reading Hourly Roadway VMT distribution from the following external
  * data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment:
User supplied VMT mix.

# # # # # # # # # # # # # # # # # # # # # # # # #
* Fairfield County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
  * File 1, Run 1, Scenario 1.
  * # # # # # # # # # # # # # # # # # # # # # # # #

** I/M credits for Tech12 vehicles were read from the following external
  * data file: TECH12.D

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2035
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV LDGT2 LDGT34 LDGT HDGV LDGV LDGT HDDV MC All Veh
GVWR: <6000 >6000 (All)
VMT Distribution: 0.3084 0.4861 0.1657 0.0081 0.0003 0.0025 0.0193 0.0096 1.0000

Composite Emission Factors (g/mi):
Composite VOC: 0.297 0.239 0.315 0.299 0.415 0.276 0.152 0.444 4.27 0.339
Composite NOX: 0.120 0.160 0.204 0.171 0.137 0.031 0.130 0.539 0.95 0.170

***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                          *
* Input file: 35OZ.IN (file 1, run 4).                                 *
***************************************************************************

**evilbee.2.03 (26-Sep-2003)                                           **
* Input file: 35OZ.IN (file 1, run 4). *
***************************************************************************

**Fairfield Ramp  ********************************************************************

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
  * data file: KLEVNE.D

M616 Comment:
User has supplied post-1999 sulfur levels.

M603 Comment:
User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
  * data file: CTREG05.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)

Reading I/M program description records from the following external
  * data file: CTIM05PL.D
  * CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
  * Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
  * Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
  * Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
  * Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
  * Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
  * Reading ASM I/M Test Credits from ASMDATA.D
Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Reading Hourly VMT distribution from the following external
data file: CTHVMT.DEF

Reading Hourly, Roadway, and Speed VMT dist. from the following external
data file: 2\USER29B\2035\35SVMT1S.CTY

Reading Hourly Roadway VMT distribution from the following external
data file: PCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
User supplied VMT mix.

# # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #

Fairfield County 2035 03 SEASON w/ODI/ASM/idle 1/M W/gascap, ATP, RFG2

File 1, Run 4, Scenario 1.

/ # / # / # / # / # / # / # / # / # / # / # / # / # / # / # / # /

I/M credits for Tech12 vehicles were read from the following external
data file: TECH12.D

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNE,D
Calendar Year: 2035
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content:   30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
GVWR:               <6000     >6000     (All)    (All)    (All)    (All)    (All)    (All)    (All)    (All)    (All)
VMT Distribution:    0.2935    0.4631    0.1578              0.0239    0.0003    0.0024    0.0576    0.0014    1.0000

Composite Emission Factors (g/mi):
Composite VOC :      0.201     0.200     0.222     0.206     0.193    0.044     0.084     0.212      2.89     0.208
Composite NOX :      0.118     0.180     0.260     0.200     0.165    0.023     0.096     0.397      1.16     0.188

***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                              *
* Input files: 35OZ.IN (file 1, run 5).                                    *
***************************************************************************

********************************************************************
Hartford Expressway
********************************************************************

Reading Registration Distributions from the following external
data file: CTREG05.D

M 49 Warning:
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)

User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.

Reading Registration Distributions from the following external
data file: CTREG05.D

M 49 Warning:
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)

User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.

Reading Registration Distributions from the following external
data file: CTREG05.D

M 49 Warning:
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)

User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.

Reading Registration Distributions from the following external
data file: CTREG05.D

M 49 Warning:
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)

User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.

Reading Registration Distributions from the following external
data file: CTREG05.D

M 49 Warning:
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)

User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.

Reading Registration Distributions from the following external
data file: CTREG05.D

M 49 Warning:
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)

User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.

Reading Registration Distributions from the following external
data file: CTREG05.D

M 49 Warning:
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)

User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.

Reading Registration Distributions from the following external
data file: CTREG05.D

M 49 Warning:
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)

User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.

Reading Registration Distributions from the following external
data file: CTREG05.D

M 49 Warning:
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)

User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.

Reading Registration Distributions from the following external
data file: CTREG05.D

M 49 Warning:
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)

User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.

Reading Registration Distributions from the following external
data file: CTREG05.D

M 49 Warning:
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)

User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.

Reading Registration Distributions from the following external
data file: CTREG05.D

M 49 Warning:
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)

User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 90.6 (%)  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes

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

VMT Distribution: 0.3084  
0.4861  
0.1657  
0.0081  
0.0003  
0.0025  
0.0193  
0.0096  
1.0000

Composite Emission Factors (g/mi):
Composite VOC: 0.226  
0.227  
0.245  
0.231  
0.258  
0.051  
0.099  
0.263  
3.39  
0.257

Composite NOX: 0.122  
0.169  
0.227  
0.184  
0.160  
0.025  
0.105  
0.434  
1.08  
0.177

* MOBILE6.2.03 (24-Sep-2003)  
* Input file: 35OZ.IN (file 1, run 7)

** Hartford Local **

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: NLEVNE.D
User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external data file: CTREG05.D

M 49 Warning: 1.00  
MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external data file: CTIM05PL.D

* Reading ASM I/M Test Credits from ASMDATA.D

* Reading Hourly VMT distribution from the following external data file: CTHWMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2035\35SVMT2S.CTY

* Reading Hourly Roadway VMT distribution from the following external data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors

M 48 Warning: 1.00  
MYR sum not = 1. (will normalize)

* Hartford County 2035 O3 SEASON w/OBD/ASM/idle I/M w/gascap, ATP, RFG2  
* File 1, Run 7, Scenario 1

** 1/M credits for Tochiaz Vehicles were read from the following external data file: TECH12.D

M 48 Warning: 1.00  
MYR sum not = 1. (will normalize)

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2035  
Month: July  
Altitude: Low  
Minimum Temperature: 67.7 (F)  
Maximum Temperature: 95.5 (F)  
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 90.6 (%)  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes

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

VMT Distribution: 0.3084  
8.4861  
0.1657  
0.9081  
8.0003  
0.0025  
0.0193  
0.0096  
1.0000
Composite Emission Factors (g/mi):

<table>
<thead>
<tr>
<th>VOC Composition</th>
<th>Value 1</th>
<th>Value 2</th>
<th>Value 3</th>
<th>Value 4</th>
<th>Value 5</th>
<th>Value 6</th>
<th>Value 7</th>
<th>Value 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composite VOC</td>
<td>0.300</td>
<td>0.300</td>
<td>0.300</td>
<td>0.322</td>
<td>0.306</td>
<td>0.444</td>
<td>0.439</td>
<td>0.346</td>
</tr>
<tr>
<td>Composite NOX</td>
<td>0.124</td>
<td>0.161</td>
<td>0.204</td>
<td>0.172</td>
<td>0.137</td>
<td>0.031</td>
<td>0.130</td>
<td>0.092</td>
</tr>
</tbody>
</table>

---

**Hartford Ramp**

**M603 Comment:**
User has supplied post-1999 sulfur levels.

---

Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVNE.D

M601 Comment:
User has supplied post-1999 sulfur levels.

---

**Litchfield Expressway**

**M603 Comment:**
User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
  * data file: CTREG05.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)

* Reading I/M program description records from the following external
  * data file: CTIM05PL.D

CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)

Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM

Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR

Biennial 2500/Idle I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)

Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D

*Biennial Gas Cap evaporative test for all HDGT 8,501 - 10,000 lbs (per above comment)

* Reading Hourly VMT distribution from the following external
  * data file: CTIM05PL.D

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
  * data file: Z:\SER29B\2035\35SVMT3S.CTY

* Reading Hourly Roadway VMT distribution from the following external
  * data file: FCVMTF.CTY

* Reading User Supplied ROADWAY VMT Factors

M615 Comment:
User supplied VMT mix.

### Litchfield County 2035 03 SEASON w/OBD/ASM/idle I/M w/gascap, ATP, RFG2

File 1, Run 9, Scenario 1.

### I/M credits for Tech12 vehicles were read from the following external

data file: TECH12.D

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNR.D

Calendar Year: 2035
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%) Maxinum Rel. Hum.: 90.6 (%) Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

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

VMT Distribution: 0.2935 0.4631 0.1578 0.0239 0.0003 0.0024 0.0576 0.0014 1.0000

Composite Emission Factors (g/mi):
Composite VOC : 0.167 0.176 0.191 0.180 0.147 0.035 0.035 0.152 3.23 0.178
Composite NOX : 0.111 0.173 0.231 0.188 0.199 0.039 0.039 0.163 0.800 1.49 0.196

***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                              *
* Input file: 35OZ.IN (file 1, run 10).                                    *
***************************************************************************

*******************Litchfield Arterials/Collectors ***************************
* Reading I/M program description records from the following external data file: CTIM05PL.D

<table>
<thead>
<tr>
<th>Composite Emission Factors (g/Mi)</th>
<th>Composite VOC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.197</td>
</tr>
</tbody>
</table>

**MOBILE6.2.03**

**Reading Registration Distributions from the following external data file: CTREG05.D**

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external data file: CTIM05PL.D

<table>
<thead>
<tr>
<th>Composite Emission Factors (g/Mi)</th>
<th>Composite VOC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.197</td>
</tr>
</tbody>
</table>

**MOBILE6.2.03**

**Reading Registration Distributions from the following external data file: CTREG05.D**

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)
Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.D
* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading Hourly VMT distribution from the following external
  * data file: CTHVMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external
  * data file: Z:\SER29B\2035\35SVMT3S.CTY
* Reading Hourly Roadway VMT distribution from the following external
  * data file: FCVMTR.CTY
Reading User Supplied ROADWAY VMT Factors
M615 Comment:
User supplied VMT mix.

* Litchfield County 2020 O3 SEASON w/ODB/ASM/idle I/M W/gascap, ATP, RFG2
  * File 1, Run 11, Scenario 1.
  * # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
  *** I/M credits for Tech1a2 vehicles were read from the following external
  data file: TECH12.D

M 48 Warning:
there are no sales for vehicle class HDGV8b
there are no sales for vehicle class LDGT12

LEV phase-in data read from file NLEVNE.D
Calendar Year:  2035
Month:  July
Altitude:  Low
Minimum Temperature:  67.7 (F)
Maximum Temperature:  95.5 (F)
Minimum Rel. Hum.:  38.8 (%)
Maximum Rel. Hum.:  90.6 (%)
Fuel Sulfur Content:   30. ppm
Exhaust I/M Program:  Yes
Evap I/M Program:  Yes
ATP Program:  Yes
Reformulated Gas:  Yes

Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
GVWR:               <6000     >6000     (All)     (All)     (All)     (All)     (All)     (All)     (All)     (All)
------    ------    ------    ------    ------    ------    ------    ------    ------    ------
VMT Distribution:    0.3084    0.4861    0.1657              0.0081    0.0003    0.0025    0.0193    0.0096    1.0000

Composite Emission Factors (g/mi):
Composite VOC :      0.300     0.300     0.322     0.306     0.422    0.076     0.152     0.444      4.39     0.346
Composite NOX :      0.124     0.161     0.204     0.172     0.137    0.031     0.130     0.539      0.92     0.171

***************************************************************************
MOBILE6.2.03 (24-Sep-2003)                                            *
Input file: 35OZ.IN (file 1, run 12).                                   *
***************************************************************************

Reading Registration Distributions from the following external
* data file: CTREG05.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)

Reading ASM I/M Test description records from the following external
* data file: CTIM05PL.D
** CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD))
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial OBDII evaporative "test" for all HDOT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDOT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading Hourly VMT distribution from the following external
  * data file: CTHVMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external
  * data file: Z:\SER29B\2035\35SVMT3S.CTY
* Reading Hourly Roadway VMT distribution from the following external
  * data file: FCVMTR.CTY
Reading User Supplied ROADWAY VMT Factors
User supplied VMT mix.

* Litchfield County 2035 O3 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
* File 1, Run 12, Scenario 1.

** I/M credits for Tech92 vehicles were read from the following external data file: TECH92.D

M 48 Warning: there are no sales for vehicle class HDGV8b

M 48 Warning: there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2035
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

** Vehicle Type: LDGV LDGT12 LDGT34 LDGT LDGV LDGV LDGT HDGV All Veh
GVWR: <6000 >6000 (All)
------ ------ ------ ------ -----
VMT Distribution: 0.2935 0.4631 0.1578 0.0239 0.0003 0.0024 0.0576 0.0014 1.0000
----------------------------------------------------------------------------------------------------------------------
** Composite Emission Factors (g/mi):
Composite VOC : 0.204 0.204 0.225 0.209 0.198 0.044 0.084 0.212 2.99 0.211
Composite NOX : 0.119 0.179 0.260 0.200 0.165 0.023 0.096 0.397 1.12 0.187
----------------------------------------------------------------------------------------------------------------------
** Middlesex Expressway

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVNE.D
M616 Comment: User has supplied post-1999 sulfur levels.

* Reading Registration Distributions from the following external data file: CTREG05.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)

* Reading I/M program description records from the following external data file: CTIM05PL.D
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMATA.D

* Reading Hourly VMT distribution from the following external data file: CTIWMF.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: C1H1VMT.D.

* Reading Hourly Roadway VMT distribution from the following external data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment: User supplied VMT mix.

* Middlesex County 2035 O3 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2
* File 1, Run 13, Scenario 1.

** I/M credits for Tech92 vehicles were read from the following external data file: TECH92.D

M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2035
Month: July
Altitude: Low
Minimum Temperature: 66.5 (°F)
Maximum Temperature: 91.6 (°F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes
Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDGV LDGT HDGV MC All Veh
GVWR: <6000 >6000 (All)
VMT Distribution: 0.2935 0.4631 0.1578 0.0239 0.0003 0.0024 0.0576 0.0014 1.0000

Composite Emission Factors (g/mi):
Composite VOC : 0.167 0.175 0.190 0.179 0.145 0.036 0.067 0.154 2.99 0.177
Composite NOX : 0.109 0.172 0.229 0.186 0.196 0.036 0.152 0.632 1.49 0.191

* Reading Registration Distributions from the following external data file: KLEVNE.D
* M615 Comment:
  User supplied VMT mix.
* # # # # # # # # # # # # # # # # # # # # # # # # # #
  Middlesex County 2035 O3 SEASON w/OBD/ASM/idle I/M w/gascap, ATP, RFG2
  File 1, Run 14, Scenario 1.
  # # # # # # # # # # # # # # # # # # # # # # # # # #
  *** I/M credits for Tech1a2 vehicles were read from the following external data file: TECH12.D
  M 48 Warning: there are no sales for vehicle class HDGV8b
  M 48 Warning: there are no sales for vehicle class LDGT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2035
Month: July
Altitude: Low
Minimum Temperature: 66.5 (°F)
Maximum Temperature: 91.6 (°F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes
Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDGV LDGT HDGV MC All Veh
GVWR: <6000 >6000 (All)

| VMT Distribution | 0.3091 | 0.4873 | 0.1662 | 0.0077 | 0.0003 | 0.0184 | 0.0085 | 1.0000 |

Composite Emission Factors (g/mi):

| Composite VOC | 0.214 | 0.214 | 0.231 | 0.218 | 0.234 | 0.048 | 0.093 | 0.245 | 3.17 | 0.242 |
| Composite NOX | 0.116 | 0.167 | 0.224 | 0.182 | 0.163 | 0.025 | 0.105 | 0.434 | 1.14 | 0.174 |

---

**Middlesex Local**

* MOBILE6.2.03 (24-Sep-2003)

* Input file: 35OZ.IN (file 1, run 15)

---

* MOBILE6.2.03 (24-Sep-2003)

* Input file: 35OZ.IN (file 1, run 16)

---

* MOBILE6.2.03 (24-Sep-2003)

* Input file: 35OZ.IN (file 1, run 16)
### LEV Phase-in data read from file NLEVNE.D

**Calendar Year:** 2035  
**Month:** July  
**Altitude:** Low  
**Minimum Temperature:** 66.5°F  
**Maximum Temperature:** 91.6°F  
**Minimum Rel. Hum.:** 41.4%  
**Maximum Rel. Hum.:** 92.1%  
**Fuel Sulfur Content:** 30 ppm  

**Exhaust I/M Program:** Yes  
**Evap I/M Program:** Yes  
**ATP Program:** Yes  
**Reformulated Gas:** Yes

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>LDGV</th>
<th>LDGT12</th>
<th>LDGT34</th>
<th>LDGT</th>
<th>HDGV</th>
<th>LDDV</th>
<th>LDOT</th>
<th>MDDV</th>
<th>MC</th>
<th>All Veh</th>
</tr>
</thead>
<tbody>
<tr>
<td>GVWR</td>
<td>&lt;6000</td>
<td>&gt;6000</td>
<td>&lt;6000</td>
<td>&gt;6000</td>
<td>(All)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Composite Emission Factors (g/mi):**
- **Composite VOC:** 0.201  
- **Composite NOx:** 0.118

**MBILEVE_2.03 (24-Sep-2003)**

**Input file:** 35OZ.IN (file 1, run 17)

**New Haven Expressway**
* Reading I/M program description records from the following external data file: CTIM05PL.D
  *CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,500-10,000 lb get TSI & GC (no OBD)
  *Biennial OBDD I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
  *Biennial OBDD evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
  *Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
  *Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D

* Reading Hourly VMT distribution from the following external data file: CTVMNT.DEF

* Reading User Supplied ROADWAY VMT Factors

M615 Comment:
User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #
  * New Haven County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
  * File 1, Run 17, Scenario 1.
  * # # # # # # # # # # # # # # # # # # # # # # # #

*** 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

M 48 Warning:
there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNE.D

Calendar Year: 2035
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)  
Maximum Rel. Hum.: 92.1 (%)  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type:     LDGV    LDGT12    LDGT34    LDGT    HDGV    LDDV    LDDT    HDDV        MC   All Veh
GVWR:               <6000     >6000     (All)    ------    ------    ------    ------    ------    ------    -----
VMT Distribution:   0.2935    0.4631    0.1578              0.0239    0.0003    0.0024    0.0576    0.0014    1.0000

Composite Emission Factors (g/mi):
Composite VOC :      0.171     0.178     0.193     0.182     0.153    0.037     0.069     0.162      3.01     0.180
Composite NOX :      0.110     0.171     0.228     0.186     0.193    0.035     0.148     0.618      1.46     0.190

**                          MOBILE6.2.03 (24-Sep-2003)                          **
**                          Input file: 35OZ.IN (file 1, run 18)                          **
**                          New Haven Arterials/Collectors                            **

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVNE.D

M616 Comment:
User has supplied post-1999 sulfur levels.

M603 Comment:  
User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external data file: CTREG05.D

M 49 Warning:
there are no sales for vehicle class HDGV8b

M 49 Warning:
there are no sales for vehicle class LDDT12

* Reading I/M program description records from the following external data file: CTIM05PL.D
  *CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,500-10,000 lb get TSI & GC (no OBD)
  *Biennial OBDD I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 16,000 lbs GVWR (per above comment)
Biennial GC evaporative "test" for all HDGT 8,501 - 16,000 lbs GVWR (per above comment)
Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
Reading ASM I/M Test Credits from ASMDATA.D
Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
Reading Hourly VMT distribution from the following external data file: CTVMNT.DEF
Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2035\35SVMT5S.CTY
Reading Hourly Roadway VMT distribution from the following external data file: FUCVMT.CTY
Reading User Supplied ROADWAY VMT Factors
M615 Comment: User supplied VMT mix.

** New Haven County 2035 O3 SEASON w/OBD/ASM/idle I/M w/gascap, ATP, RFG2
* File 1, Run 19, Scenario 1.
** 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
M 48 Warning: there are no sales for vehicle class LDGT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2035
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>LDGV</th>
<th>LDGT12</th>
<th>LDGT34</th>
<th>LDGT</th>
<th>HDGV</th>
<th>LDOV</th>
<th>LDOT</th>
<th>HDDV</th>
<th>MC</th>
<th>All Veh</th>
</tr>
</thead>
<tbody>
<tr>
<td>VMT Distribution</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td>1.0000</td>
</tr>
<tr>
<td>Composite Emission Factors (g/mi):</td>
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<td></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>Composite VOC</td>
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<td>0.226</td>
<td>0.245</td>
<td>0.231</td>
<td>0.259</td>
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<td>0.025</td>
<td>0.105</td>
<td>0.437</td>
<td>1.12</td>
<td>0.178</td>
</tr>
</tbody>
</table>

Input file: 3602.IN (file 1, run 19).

* User has supplied post-1999 sulfur levels.

M603 Comment: User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external data file: CTREG05.D
M 49 Warning: MR sum not = 1. (will normalize)
M 49 Warning: MR sum not = 1. (will normalize)

* Reading I/M program description records from the following external data file: CTIM05PL.D
CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)

* Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 16,000 lbs GVWR (per above comment)
Biennial GC evaporative "test" for all HDGT 8,501 - 16,000 lbs (per above comment)
Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
Reading ASM I/M Test Credits from ASMDATA.D
Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
Reading Hourly VMT distribution from the following external data file: CTVMNT.DEF
Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2035\35SVMT5S.CTY
Reading Hourly Roadway VMT distribution from the following external
Reading User Supplied ROADWAY VMT Factors

M615 Comment:
User supplied VMT mix.

*** I/M credits for Tech12 vehicles were read from the following external data file: TECH12.D

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class LDGT12

LEV phase-in data read from file NLEVNE.D
Calendar Year: 2035
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDGV LDOT HDDV MC All Veh
GVWR: <6000 >6000 (All)
VMT Distribution: 0.3084 0.4861 0.1657 0.0081 0.0003 0.0025 0.0193 0.0096 1.0000

=================================================================================================
Composite Emission Factors (g/mi):
Composite VOC: 0.297 0.293 0.315 0.299 0.415 0.076 0.152 0.444 4.27 0.339
Composite NOX: 0.120 0.160 0.204 0.171 0.137 0.031 0.130 0.539 0.95 0.170

=================================================================================================

Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: NLEVNE.D

M603 Comment:
User has disabled the calculation of REFUELING emissions.

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

M616 Comment:
User has supplied post-1999 sulfur levels.

* Reading ASM I/M Test Credits from ASMDATA.D

* Reading Hourly VMT distribution from the following external data file: FCVMTR.CTY

M 48 Warning:
there are no sales for vehicle class HDGV8b
there are no sales for vehicle class LDGT12

LEV phase-in data read from file NLEVNE.D
Calendar Year: 2035
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
Fuel ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV LDGT LDGT12 LDGT34 LDGTD DGV LDDT HDDV MC All Veh
GVWR: <6000 >6000 (All)

VMT Distribution: 0.2935 0.4631 0.1578 0.0239 0.0003 0.0024 0.0576 0.0014 1.0000

Composite Emission Factors (g/mi):
Composite VOC 0.201 0.200 0.222 0.206 0.193 0.044 0.084 0.212 2.89 0.208
Composite NOX 0.118 0.180 0.260 0.200 0.165 0.023 0.096 0.397 1.16 0.188

***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)*
* Input file: 35OZ.IN (file 1, run 21).*
***************************************************************************

********************New London Expressway****************************************************
* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external*
* data file: NLEVNE.D*
M616 Comment: User has supplied post-1999 sulfur levels.
M603 Comment: User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external*
* data file: CTREG05.D*
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external*
* data file: CTIM05PL.D*
* Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D*
* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external*
* data file: CTHVMT.DEF*
* Reading Hourly, Roadway, and Speed VMT dist. from the following external*
* data file: Z:\SER29B\2035\35SVMT6S.CTY*
* Reading Hourly Roadway VMT distribution from the following external*
* data file: FCVMTF.CTY*

Reading User Supplied ROADWAY VMT Factors
M615 Comment: User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* New London County 2035 03 SEASON w/OD/B/ASM/idle I/M W/gascap, ATP, RFG2*
* File 1, Run 21, Scenario 1.*
* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #

**I/M credits for Tech12 vehicles were read from the following external*
* data file: TECH12.D*
M 48 Warning: there are no sales for vehicle class HDGV8b

M 48 Warning: there are no sales for vehicle class LDGT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2035
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type:    LDGV    LDGT12    LDGT34    LDGT    HDGV    LDGV    LDGT    HDDV    MC    All Veh
GVWR:            <6000    >6000    (All)
VMT Distribution:  -----    -----    -----    -----    -----    -----    -----    -----    -----    -----  

Composite Emission Factors (g/mi):

- VOC: 0.168 0.177 0.191 0.180 0.148 0.036 0.067 0.154 3.16 0.178
- NOX: 0.110 0.172 0.230 0.187 0.157 0.037 0.157 0.654 1.46 0.193

* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 3502.IN (file 1, run 23) *

Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
1.00     MYR sum not = 1. (will normalize)
M 49 Warning:
there are no sales for vehicle class HDGV8b
there are no sales for vehicle class LDDT12

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
* CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
* Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs (per above comment)
* Biennial 2500/IDLE evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
* Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.D
* Reading Hourly VMT distribution from the following external
* data file: FCVMTA.CTY
* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: CTHVMT.DEF
* Reading Hourly Roadway VMT distribution from the following external
* data file: Z:\SER29B\2035\35SVMT6S.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
User supplied VMTmix.

LEV phase-in data read from file NLEVNE.D
Calendar Year: 2035
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%) 
Maximum Rel. Hum.: 90.6 (%) 
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type:    LDGV    LDGT12    LDGT34    LDGT    HDGV    LDGV    LDGT    HDDV    MC    All Veh
GVWR:            <6000    >6000    (All)
VMT Distribution:  -----    -----    -----    -----    -----    -----    -----    -----    -----    -----  

Composite Emission Factors (g/mi):

- VOC: 0.214 0.214 0.232 0.219 0.234 0.048 0.092 0.240 3.24 0.243
- NOX: 0.117 0.166 0.222 0.180 0.164 0.025 0.104 0.429 1.10 0.173

************************************************************************************
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 3502.IN (file 1, run 23) *
************************************************************************************
**New London Local**

- Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: NLEVNE.D
  - M616 Comment: User has supplied post-1999 sulfur levels.
  - M603 Comment: User has disabled the calculation of REFUELING emissions.

- Reading Registration Distributions from the following external data file: CTREG05.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)

- Reading I/M program description records from the following external data file: CTIM05PL.D
  - CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD))
  - Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
  - Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
  - Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
  - Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

- Reading ASM I/M Test Credits from ASMDATA.D
- Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF
- Reading Hourly Roadway and Speed VMT dist. from the following external data file: FCVMTL.CTY

**New London County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2**

- File 1, Run 23, Scenario 1.

- **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
  - M 48 Warning: there are no sales for vehicle class LDDT12

**LEV phase-in data read from file KLEVNE.D**

- Calendar Year: 2035
- Month: July
- Altitude: Low
- Minimum Temperature: 67.7 (F)
- Maximum Temperature: 95.5 (F)
- Minimum Rel. Hum.: 38.8 (%)
- Maximum Rel. Hum.: 90.6 (%)
- Fuel Sulfur Content: 30. ppm

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>LDGV</th>
<th>LDGT12</th>
<th>LDGT34</th>
<th>LDGT</th>
<th>HDGV</th>
<th>LDGV</th>
<th>LDGT</th>
<th>HDDV</th>
<th>MC</th>
<th>All Veh</th>
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<td></td>
<td>&lt;6000</td>
<td>&gt;6000</td>
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<td></td>
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<tr>
<td>VMT Distribution:</td>
<td>0.3084</td>
<td>0.4861</td>
<td>0.1657</td>
<td>0.0081</td>
<td>0.0033</td>
<td>0.0025</td>
<td>0.0193</td>
<td>0.0096</td>
<td>1.0000</td>
<td></td>
</tr>
</tbody>
</table>

**Composite Emission Factors (g/mi):**

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>LDGV</th>
<th>LDGT12</th>
<th>LDGT34</th>
<th>LDGT</th>
<th>HDGV</th>
<th>LDGV</th>
<th>LDGT</th>
<th>HDDV</th>
<th>MC</th>
<th>All Veh</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>&lt;6000</td>
<td>&gt;6000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exhaust I/M Program:</td>
<td>Yes</td>
<td>Evap I/M Program:</td>
<td>Yes</td>
<td>ATP Program:</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reformulated Gas:</td>
<td>Yes</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**New London Ramp**

- Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVNE.D
  - M603 Comment: User has supplied post-1999 sulfur levels.

**New London Local**

- Reading Registration Distributions from the following external data file: CTREG05.D
  - M 49 Warning: 1.00 MYR sum not = 1. (will normalize)
* Reading I/M program description records from the following external
  * data file: CTIM05PL.D

  CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)

  Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM

  Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR

  Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)

  Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)

  Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D

  there are no sales for vehicle class HDGV8b

  there are no sales for vehicle class LDDT12

* LEV phase-in data read from file KLEVNE.D

  Calendar Year: 2035
  Month: July
  Altitude: Low
  Minimum Temperature: 67.7 (F)
  Maximum Temperature: 95.5 (F)
  Minimum Rel. Hum.: 38.8 (%)
  Maximum Rel. Hum.: 90.6 (%)
  Fuel Sulfur Content: 30. ppm

  Exhaust I/M Program: Yes
  Evap I/M Program: Yes
  ATP Program: Yes
  Reformulated Gas: Yes

  Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDG V LDVT HDDV MC All Veh
  GVWR: <6000 >6000 >6000 >6000 >6000 >6000 >6000 >6000 >6000 >6000
  VMT Distribution: 0.2935 0.4631 0.1578 0.0239 0.0003 0.0024 0.0576 0.0014 1.0000

  Composite Emission Factors (g/mi):
  Composite VOC : 0.204 0.204 0.204 0.204 0.204 0.204 0.204 0.204 0.204 0.204
  Composite NOx : 0.119 0.179 0.260 0.200 0.165 0.233 0.196 0.397 1.12 0.187

* Reading 9+ LEV IMPLEMENTATION SCHEDULE from the following external
  * data file: KLEVNE.D

  M603 Comment:
  User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
  * data file: CTREG05.D
  * data file: CTREG06.D

  there are no sales for vehicle class LDDV7b

  there are no sales for vehicle class LDDT12

* Input file: 35OZ.IN (file 1, run 25)

* Reading Hourly Roadway VMT distribution from the following external
  * data file: FCVMTR.CTY

  User supplied VMT mix.

* New London County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 24, Scenario 1.

* Reading Scenario Description from the following external
  * data file: TECH12.D

  there are no sales for vehicle class HDGV8b

  there are no sales for vehicle class LDDT12

* Reading Scenario Description from the following external
  * data file: TECH12.D

  there are no sales for vehicle class HDGV8b

  there are no sales for vehicle class LDDT12
**CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)**

*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM

*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR

*Biennial 2500/Idle I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)

*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)

*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D

*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external data file: CHWMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: S:\USER2\082010\JASVM7S.CTY

* Reading Hourly Roadway VMT distribution from the following external data file: PCHWMT.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment:

* User supplied VMT mix.

* Tolland County 2035 03 SEASON w/OBD/ASM/Idle I/M W/gascap, ATP, RFG2

File 1, Run 25, Scenario 1.

** I/M credits for Tech1a2 vehicles were read from the following external data file: TECH12.D

M 48 Warning:

there are no sales for vehicle class HDGVb

M 48 Warning:

there are no sales for vehicle class LDGT12

LEV phase-in data read from file KLEVNE.D

Calendar Year: 2035

Month: July

Altitude: Low

Minimum Temperature: 67.7 (F)

Maximum Temperature: 95.5 (F)

Minimum Rel. Hum.: 38.8 (%)

Maximum Rel. Hum.: 90.6 (%)

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: Yes

Vehicle Type: LGDV LGDT12 LGDT34 LGDT HDGV LDDV LDGT HDDV MC All Veh

GVWR: <6000 >6000 (All)

------ ------ ------ ------ ------ ------ ------ ------ ------ ------

VMT Distribution: 0.2935 0.4631 0.1578 0.0239 0.0003 0.0024 0.0576 0.0014 1.0000

Composite Emission Factors (g/mi):

Composite VOC : 0.168 0.176 0.191 0.180 0.147 0.035 0.067 0.153 3.20 0.178

Composite NOX : 0.111 0.173 0.231 0.187 0.198 0.038 0.160 0.667 1.47 0.194

M616 Comment:

User has supplied post-1999 sulfur levels.

M603 Comment:

User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external data file: CTREG05.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)

* Reading I/M program description records from the following external data file: CTIM05PL.D

**CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)**

*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM

*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR

*Biennial 2500/Idle I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)

*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)

*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D

*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external data file: CHWMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external
data file: Z:\SER29B\2035\35SVMT7S.CTY
* Reading Hourly Roadway VMT distribution from the following external
data file: FCVMTA.CTY
* Reading User Supplied ROADWAY VMT Factors

M615 Comment:
User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Tolland County 2035 Q3 SEASON w/CBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 28, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
** 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
M 48 Warning:
there are no sales for vehicle class LDDT12
LEV phase-in data read from file NLEVNE.D
Calendar Year: 2035
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes
Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
GVWR:               <6000     >6000     (All)
------    ------    ------    ------    ------    ------    ------    ------    ------    -----
VMT Distribution:    0.3091    0.4873    0.1662              0.0077    0.0003    0.0025    0.0184    0.0085    1.0000
----------------------------------------------------------------------------------------------------------------------
Composite Emission Factors (g/mi):
Composite VOC :      0.207     0.208     0.225     0.212     0.222    0.046     0.089     0.231      3.16     0.236
Composite NOX :      0.115     0.164     0.220     0.178     0.165    0.025     0.104     0.429      1.11     0.171
----------------------------------------------------------------------------------------------------------------------
***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                              *
* Input file: 35OZ.IN (file 1, run 27).                                   *
***************************************************************************
*******************Tolland Local *******************************************
* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
data file: NLEVNE.D
M616 Comment:
User has supplied post-1999 sulfur levels.
M603 Comment:
User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
data file: CPREG05.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)
----------------------------------------------------------------------------------------------------------------------
* Reading I/M program description records from the following external
data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no
OBD)
*Biennial OBDD I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
that replaced the ASM
*Biennial OBDD evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading Hourly VMT distribution from the following external
data file: CTHVMT.DEF
* Reading Hourly Roadway VMT distribution from the following external
data file: FCVMTL.CTY
Reading User Supplied ROADWAY VMT Factors
M615 Comments:
User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Tolland County 2035 Q3 SEASON w/CBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 27, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
** I/M credits for Tech1&2 vehicles were read from the following external
There are no sales for vehicle class HDGV8b.

There are no sales for vehicle class LDDT12.

LEV phase-in data read from file KLEVNE.D

Calendar Year: 2035
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

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

VMT Distribution: 0.3084 0.4861 0.1657 0.0081 0.0003 0.0025 0.0193 0.0096 1.0000

Composite Emission Factors (g/mi):
Composite VOC : 0.300 0.300 0.322 0.306 0.422 0.076 0.152 0.444 4.39 0.346
Composite NOX : 0.124 0.161 0.204 0.172 0.137 0.031 0.130 0.539 0.92 0.171

User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

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

VMT Distribution: 0.578  0.463  0.393

Composite Emission Factors (g/mi):

Composite VOC: 0.204  0.204  0.225  0.209  0.198  0.044  0.084  0.212  2.99  0.211
Composite NOX: 0.119  0.179  0.260  0.200  0.165  0.023  0.096  0.397  1.12  0.187

Reading I/M program description records from the following external data file: CTIM05PL.D
CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
Biennial ODIII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
Biennial GC evaporative "test" for all HDGV 8,501 - 10,000 lbs GVWR (per above comment)
Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Reading ASM I/M Test Credits from ASMDATA.D
Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Reading Hourly VMT distribution from the following external data file: PCVMT.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment: User supplied VMT mix.

Windham County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
File 1, Run 29, Scenario 1.*** 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
M 48 Warning: there are no sales for vehicle class LDGT12

Calendar Year: 2035
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

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

VMT Distribution: 0.293  0.4631  0.158  0.024  0.000  0.001  0.058  0.001  1.000

Composite Emission Factors (g/mi):

Composite VOC: 0.167  0.176  0.191  0.180  0.146  0.035  0.066  0.152  3.25  0.178
Composite NOX: 0.111  0.173  0.232  0.188  0.199  0.039  0.164  0.686  1.49  0.196
MOBILE6.2.03 (24-Sep-2003)

Input file: 35OZ.IN (file 1, run 30).

Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: NLEVNE.D

User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.

Reading Registration Distributions from the following external data file: CTPREG05.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)

Reading Registration Distributions from the following external data file: CTREG05.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)

Reading I/M program description records from the following external data file: CTI/M05PL.D

CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD))

Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM

Biennial OBD evaporative test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR

Biennial IDLE I/M "tailpipe" test for all HDGV 8,501 - 10,000 lbs GVWR (per above comment)

Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Reading ASM I/M Test Credits from ASMDATA.D

Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Reading Hourly VMT distribution from the following external data file: CHKVTM.D

Reading Hourly Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2035\35SVMT8S.CTY

Reading Hourly Roadway VMT distribution from the following external data file: PCVMTA.CTY

Reading User Supplied ROADWAY VMT Factors

User supplied VMT mix.

# # # # # # # # # # # # # # # # # # # # # # # # #

Windham County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

File 1, Run 30, Scenario 1.

# # # # # # # # # # # # # # # # # # # # # # # # #

Reading User Supplied ROADWAY VMT Factors

User supplied VMT mix.

# # # # # # # # # # # # # # # # # # # # # # # # #

Windham County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

File 1, Run 30, Scenario 1.

# # # # # # # # # # # # # # # # # # # # # # # # #

LEV phase-in data read from file KLEVNE.D

Calendar Year: 2035
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDOGV, LDGT12, LDGT34, LDGT, HDGV, LDGV, LDLO, HDLO, MC, All Veh

GVWR: <6000 >6000 (All)

VMT Distribution: 0.3091 0.4873 0.1662 0.0077 0.0033 0.0025 0.0184 0.0085 1.0000

Composite Emission Factors (g/mi):

Composite VOC: 0.199 0.200 0.217 0.205 0.206 0.244 0.084 0.213 3.06 0.227
Composite NOX: 0.112 0.162 0.218 0.177 0.169 0.025 0.104 0.430 1.13 0.169

# # # # # # # # # # # # # # # # # # # # # # # # #

MOBILE6.2.03 (24-Sep-2003)

Input file: 35OZ.IN (file 1, run 31).

Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVNE.D

User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.

Reading Registration Distributions from the following external data file: CTPREG05.D
* Reading I/M program description records from the following external data file: CTIM05PL.D

* CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
* Biennial OBII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)

* Reading ASM I/M Test Credits from ASMDATA.D
* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external data file: CTWVTMT.DEF

* Reading User Supplied ROADWAY VMT Factors
M615 Comment:
User supplied VMT mix.

* Windham County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 31, Scenario 1.

*** 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
there are no sales for vehicle class LDGT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2035
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDGV LDGT HDGV MC All Veh
GVWR: <6000 >6000 (All)
------- ------- ------- ------- ------- ------- ------- ------- ------- -------
VMT Distribution: 0.3084 0.4861 0.1657 0.0081 0.0003 0.0025 0.0193 0.0096 1.0000

Composite Emission Factors (g/mi):

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>Composite NOx</th>
<th>Composite CO</th>
<th>Composite VOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>LDGV LDGT12</td>
<td>0.124</td>
<td>0.161</td>
<td>0.204</td>
</tr>
<tr>
<td>LDGT34 LDGT</td>
<td>0.300</td>
<td>0.322</td>
<td>0.306</td>
</tr>
<tr>
<td>HDGV LDGV LDGT</td>
<td>0.422</td>
<td>0.276</td>
<td>0.152</td>
</tr>
<tr>
<td>LDGV LDGT HDGV</td>
<td>0.444</td>
<td>0.393</td>
<td>0.92</td>
</tr>
<tr>
<td>LDGV LDGT HDGV</td>
<td>0.346</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

***************************************************************************
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 35OZ.IW (file 1, run 32). *
***************************************************************************

*** I/M credits for Tech1&2 vehicles were read from the following external data file: KLEVNE.D

M616 Comment:
User has supplied post-1999 sulfur levels.
M603 Comment:
User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external data file: CTREG05.D
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
* Reading I/M program description records from the following external data file: CTIM05PL.D
* Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial 2500/10LE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.D
* Biennial OBDII evaporative test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2035\35SVMT8S.CTY
* Reading Hourly Roadway VMT distribution from the following external data file: FCVMTR.CTY
* Reading User Supplied ROADWAY VMT Factors

M615 Comment:
User supplied VMT mix.

* Windham County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 32, Scenario 1.

*** 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
M 48 Warning: there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2035
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDDGV LDDV LDDT HDDV MC All Veh
GVWR: <6000 >6000 (All) 0.2935 0.4631 0.1578 0.0239 0.0003 0.0576 0.0014 1.0000

Composite Emission Factors (g/mi):

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>LDGV</th>
<th>LDGT12</th>
<th>LDGT34</th>
<th>LDGT</th>
<th>HDDGV</th>
<th>LDDV</th>
<th>LDDT</th>
<th>HDDV</th>
<th>MC</th>
<th>All Veh</th>
</tr>
</thead>
<tbody>
<tr>
<td>GVWR</td>
<td>&lt;6000</td>
<td>&gt;6000</td>
<td>(All)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Composite VOC</td>
<td>0.204</td>
<td>0.204</td>
<td>0.225</td>
<td>0.209</td>
<td>0.198</td>
<td>0.044</td>
<td>0.084</td>
<td>0.212</td>
<td>2.99</td>
<td>0.211</td>
</tr>
<tr>
<td>Composite NOX</td>
<td>0.119</td>
<td>0.179</td>
<td>0.260</td>
<td>0.200</td>
<td>0.165</td>
<td>0.023</td>
<td>0.096</td>
<td>0.397</td>
<td>1.12</td>
<td>0.187</td>
</tr>
</tbody>
</table>
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 40OZ.IN (file 1, FHM 3). *
* 2040 input file for DOT; created 08/17/06 JBR *
* Updated for VMT fractions, new CTIM and speed files 10/05 JBR *
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 40OZ.IN (file 1, run 1). *
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 40OZ.IN (file 1, run 2). *
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 40OZ.IN (file 1, run 3). *
* Reading Registration Distributions from the following external data file: CTREG05.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)

* Reading I/M program description records from the following external data file: CTIM05PL.D

CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
Biennial OBDD I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBDD test that replaced the ADM
Biennial OBDD evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
Biennial 2500/1000 I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D

* Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2040\40SVMT1S.CTY

* Reading Hourly Roadway VMT distribution from the following external data file: FCVMTA.CTY

* Reading User Supplied ROADWAY VMT Factors

M615 Comment: User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #

* Fairfield County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

* File 1, Run 2, Scenario 1.

# # # # # # # # # # # # # # # # # # # # # # # # #

*** 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
M 48 Warning: there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2040
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDVV LDVT HDVV MC All Veh
GVWR: <6000 >6000 (All)

VMT Distribution: 0.3091 0.4873 0.1662 0.0077 0.0003 0.0025 0.0184 0.0085 1.0000

Composite Emission Factors (g/mi):

Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDVV LDVT HDVV MC All Veh
GVWR: <6000 >6000 (All)

Composite VOC : 0.232 0.230 0.249 0.235 0.256 0.252 0.102 0.127 3.38 0.261
Composite NOX : 0.123 0.172 0.230 0.187 0.158 0.106 0.118 0.180 1.11 0.179

M616 Comment: User has supplied post-1999 sulfur levels.

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVNE.D

M616 Comment: User has supplied post-1999 sulfur levels.

* Reading Registration Distributions from the following external data file: CTREG05.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)
**Warning:**

1.00 MYR sum not = 1. (will normalize)

- Reading I/M program description records from the following external data file: CTIM05PL.D
- CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD))
- Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
- Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
- Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
- Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
- Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
- Reading ASM I/M Test Credits from ASMDATA.D
- Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
- Reading Hourly VMT distribution from the following external data file: CTWNT.DEF
- Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2040\40SVMT1S.CTY
- Reading Hourly Roadway VMT distribution from the following external data file: FCVMTL.CTY
- Reading User Supplied ROADWAY VMT Factors
- User supplied VMT mix.

**Fairfield County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2**

**File 1, Run 1, Scenario 1.**

**LEV phase-in data read from file NLEVNE.D**

- Calendar Year: 2040
- Altitude: Low
- Minimum Temperature: 66.5 (F)
- Maximum Temperature: 91.6 (F)
- Minimum Rel. Hum.: 41.4 (%)
- Maximum Rel. Hum.: 92.1 (%)
- Fuel Sulfur Content: 30. ppm

**Exhaust I/M Program: Yes**

**Evap I/M Program: Yes**

**ATP Program: Yes**

**Reformulated Gas: Yes**

**Vehicle Type:**

<table>
<thead>
<tr>
<th>Type</th>
<th>LDGV</th>
<th>LDGT12</th>
<th>LDGT34</th>
<th>LDGT</th>
<th>HDGV</th>
<th>LDV</th>
<th>LDST</th>
<th>HDST</th>
<th>MC</th>
<th>All Veh</th>
</tr>
</thead>
<tbody>
<tr>
<td>VMT Distribution:</td>
<td>-----</td>
<td>------</td>
<td>-------</td>
<td>-----</td>
<td>------</td>
<td>-----</td>
<td>------</td>
<td>------</td>
<td>----</td>
<td>1.0000</td>
</tr>
<tr>
<td>Composite Emission Factors (g/mi):</td>
<td>0.3094</td>
<td>0.4861</td>
<td>0.1657</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Composite NOX:</td>
<td>0.120</td>
<td>0.160</td>
<td>0.204</td>
<td>0.171</td>
<td>0.137</td>
<td>0.231</td>
<td>0.130</td>
<td>0.539</td>
<td>0.95</td>
<td>0.170</td>
</tr>
</tbody>
</table>

**Comments:**

- User has supplied post-1999 sulfur levels.
- User has disabled the calculation of REFUELING emissions.

**Fairfield Ramp**

**94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVNE.D**

**User has supplied post-1999 sulfur levels.**

**User has disabled the calculation of REFUELING emissions.**

**Reading Registration Distributions from the following external data file: CTREG05.D**

**Warning:**

1.00 MYR sum not = 1. (will normalize)

**Reading I/M program description records from the following external data file: CTIM05PL.D**

**CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD))**

**Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM**

**Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR**

**Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)**

**Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)**

**Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR**

**Reading ASM I/M Test Credits from ASMDATA.D**
Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

- Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF
- Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2040\40SVMT2S.CTY
- Reading Hourly Roadway VMT distribution from the following external data file: FCVMT2.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment:

User supplied VMT mix.

# # # # # # # # # # # # # # # # # # # # # # # # #
Fairfield County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 4, Scenario 1.

** I/M credits for Tech12 vehicles were read from the following external data file: TECH12.D

M48 Warning:

- there are no sales for vehicle class HDGV8b
- there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2040
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

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

VMT Distribution:    0.2937    0.4631    0.1579    0.0238    0.0003    0.0024    0.0574    0.0014    1.0000

--- Composite Emission Factors (g/mi) ---

Composite VOC :      0.201     0.200     0.222     0.206     0.193    0.044     0.084     0.212      2.89     0.208
Composite NOX :      0.118     0.180     0.260     0.200     0.165    0.023     0.096     0.397      1.16     0.188

--- Hartford Expressway ---

** Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVNE.D

M603 Comment:

- User has supplied post-1999 sulfur levels.
- User has disabled the calculation of REFUELING emissions.

--- Reading Registration Distributions from the following external data file: CTREG05.D ---
M49 Warning:

- MYR sum not = 1. (will normalize)

--- Reading I/M program description records from the following external data file: CTIM05PL.D ---
CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)

--- Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
--- Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
--- Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
--- Biennial HDGT evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)

--- Reading ASM I/M Test Credits from ASMDATA.D ---

--- Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
--- Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF

--- Reading Hourly Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2040\40SVMT2S.CTY
--- Reading Hourly Roadway VMT distribution from the following external data file: FCVMT2.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment:

User supplied VMT mix.
**Hartford County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2**
* File 1, Run 5, Scenario 1.  
M 48 Warning:  
there are no sales for vehicle class HDGV8b
M 48 Warning:  
there are no sales for vehicle class LDGT12
LEV phase-in data read from file NLEVNE.D  
Calendar Year: 2040  
Month: July  
Altitude: Low  
Minimum Temperature: 67.7 (F)  
Maximum Temperature: 95.5 (F)  
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 90.6 (%)  
Fuel Sulfur Content: 30. ppm  
Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>LDGV</th>
<th>LDGT12</th>
<th>LDGT34</th>
<th>LDGT</th>
<th>HDGV</th>
<th>LDDV</th>
<th>LDDT</th>
<th>HDDV</th>
<th>MC</th>
<th>All Veh</th>
</tr>
</thead>
<tbody>
<tr>
<td>VMT Distribution</td>
<td>0.2937</td>
<td>0.4631</td>
<td>0.1579</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1.0000</td>
</tr>
<tr>
<td>Composite VOC</td>
<td>0.171</td>
<td>0.179</td>
<td>0.194</td>
<td>0.183</td>
<td>0.154</td>
<td>0.036</td>
<td>0.068</td>
<td>0.159</td>
<td>3.13</td>
<td>0.181</td>
</tr>
<tr>
<td>Composite NOX</td>
<td>0.111</td>
<td>0.171</td>
<td>0.229</td>
<td>0.186</td>
<td>0.195</td>
<td>0.036</td>
<td>0.151</td>
<td>0.630</td>
<td>1.42</td>
<td>0.191</td>
</tr>
</tbody>
</table>

---

* # # # # # # # # # # # # # # # # # # # * 
**I/M credits for Tech1a2 vehicles were read from the following external data file: TECH12.D**
M 48 Warning:  
there are no sales for vehicle class HDGV8b
M 48 Warning:  
there are no sales for vehicle class LDGT12
LEV phase-in data read from file NLEVNE.D  
Calendar Year: 2040  
Month: July  
Altitude: Low
Minimum Temperature: 67.7 (°F)
Maximum Temperature: 95.5 (°F)
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 95.6 (%)  
Fuel Sulfur Content: 30. ppm  
Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes
Vehicle Type: LDGV | LDGT12 | LDGT34 | LDGT | HDGV | LDDV | LDDT | HDDV | MC | All Veh
GVWR: <6000 | >6000 | (All)
VMT Distribution: 0.3091 | 0.4873 | 0.1662 | 0.0077 | 0.0003 | 0.0025 | 0.0184 | 0.0085 | 1.0000

Composite Emission Factors (g/mi):
Composite VOC: 0.229 | 0.230 | 0.248 | 0.234 | 0.263 | 0.051 | 0.100 | 0.267 | 3.43 | 0.260
Composite NOX: 0.123 | 0.170 | 0.228 | 0.185 | 0.159 | 0.025 | 0.105 | 0.436 | 1.07 | 0.178

MOBILE6.2.03 (24-Sep-2003)
Input file: 40OZ.IN (file 1, run 7)

Hartford Local
Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: NLEVNE.D
User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.

Reading Registration Distributions from the following external data file: CTREG05.D
1.00 MYR sum not = 1. (will normalize)
1.00 MYR sum not = 1. (will normalize)
1.00 MYR sum not = 1. (will normalize)
1.00 MYR sum not = 1. (will normalize)
1.00 MYR sum not = 1. (will normalize)
1.00 MYR sum not = 1. (will normalize)

Reading I/M program description records from the following external data file: CTIM05PL.D
CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
Biennial OBIII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
Biennial OBIII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
Biennial 2500/IDLE I/M "tailpipe" test for all HDGV 8,501 - 10,000 lbs GVWR (per above comment)
Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
Biennial ASM I/M "tailpipe" test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Reading ASM I/M Test Credits from ASMDATA.D
Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF

Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2040\40SVMT2S.CTY

Reading User Supplied ROADWAY VMT Factors

User supplied VMT mix.

Hartford County 2040 Q3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
File 1, Run 7, Scenario 1

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2040
Month: July
Altitude: Low
Minimum Temperature: 67.7 (°F)
Maximum Temperature: 95.5 (°F)
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 95.6 (%)  
Fuel Sulfur Content: 30. ppm  
Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes
Vehicle Type: LDGV | LDGT12 | LDGT34 | LDGT | HDGV | LDDV | LDDT | HDDV | MC | All Veh
GVWR: <6000 | >6000 | (All)
VMT Distribution: 0.3084 | 0.4861 | 0.1657 | 0.0081 | 0.0003 | 0.0025 | 0.0193 | 0.0096 | 1.0000
Composite Emission Factors (g/mi):

<table>
<thead>
<tr>
<th></th>
<th>0.300</th>
<th>0.300</th>
<th>0.322</th>
<th>0.306</th>
<th>0.422</th>
<th>0.276</th>
<th>0.152</th>
<th>0.444</th>
<th>4.39</th>
<th>0.346</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composite VOC</td>
<td>0.24</td>
<td>0.124</td>
<td>0.204</td>
<td>0.172</td>
<td>0.137</td>
<td>0.231</td>
<td>0.130</td>
<td>0.539</td>
<td>0.92</td>
<td>0.171</td>
</tr>
</tbody>
</table>

**Hartford Ramp**

* MOBILE6.2.03 (24-Sep-2003)
* Input file: 40OZ.IN (file 1, run 8)

**Litchfield Expressway**

* MOBILE6.2.03 (24-Sep-2003)
* Input file: 40OZ.IN (file 1, run 9)
User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
  * data file: CTREG05.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)

* Reading I/M program description records from the following external
  * data file: CTIM05PL.D

*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29B\2040\40SVMT3S.CTY

Reading Hourly Roadway VMT distribution from the following external
* data file: PCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Litchfield County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 9, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # # #

*** 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

M 48 Warning:
  there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNE.D

Calendar Year: 2040
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDGV LDDT HDDV MC All Veh
GVWR: <6000 >6000 (All)
VMT Distribution: 0.2937 0.4631 0.1579 0.0238 0.0003 0.0024 0.0574 0.0014 1.0000

Composite Emission Factors (g/mi):
Composite VOC: 0.167 0.176 0.191 0.180 0.147 0.035 0.035 0.152 3.23 0.178
Composite NOX: 0.111 0.173 0.231 0.188 0.199 0.039 0.163 0.679 1.48 0.195

***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                          *
* Input file: 40OZ.IN (file 1, run 10).                                *
***************************************************************************
**CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD))**

*Biennial OBDD I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBDD test that replaced the ASM

*Biennial OBDD evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR

*Biennial 2500/IDLE I/M "tailpipe" test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)

*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)

*Biennial ASM I/M "tailpipe" test for post-95 gasoline vehicles up to 8,500 lbs GVWR

*Reading I/M program description records from the following external data file: CTIM05PL.D

---

**Litchfield County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2**

* File 1, Run 10, Scenario 1.

**I/M credits for Tech1&2 vehicles were read from the following external data file: TECH12.D

---

**There are no sales for vehicle class HDGV8b**

**There are no sales for vehicle class LDDT12**

---

**LEV phase-in data read from file KLEVNE.D**

* Calendar Year: 2040
  * Month: July
  * Altitude: Low
  * Minimum Temperature: 67.7 (°F)
  * Maximum Temperature: 95.5 (°F)
  * Minimum Rel. Hum.: 38.8 (%)
  * Maximum Rel. Hum.: 90.6 (%)
  * Fuel Sulfur Content: 30. ppm

**Exhaust I/M Program: Yes**
**Evap I/M Program: Yes**
**ATP Program: Yes**
**Reformulated Gas: Yes**

---

**Composite Emission Factors (g/mi):**

* Composite VOC: 0.199, 0.201, 0.219, 0.206, 0.207, 0.244, 0.084, 0.214, 3.07, 0.228
* Composite NOX: 0.113, 0.164, 0.178, 0.170, 0.106, 0.435, 1.13, 0.170

---

**Input file: 40OZ.IN (file 1, run 1)**

**User has supplied sulfur levels.**
**User has disabled the calculation of REFUELING emissions.**

---

**Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVNE.D**

---

**User has supplied post-1999 sulfur levels.**
**User has disabled the calculation of REFUELING emissions.**

---

**Reading Registration Distributions from the following external data file: CTREG05.D**

---

**Reading I/M program description records from the following external data file: CTIM05PL.D**

---

**CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD))**

*Biennial OBDD I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBDD test that replaced the ASM

*Biennial OBDD evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR

*Biennial 2500/IDLE I/M "tailpipe" test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)

*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading Hourly VMT distribution from the following external
  * data file: CTHVMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external
  * data file: Z:\SER29N\2040\40SVMT3S.CTY
* Reading Hourly Roadway VMT distribution from the following external
  * data file: FCWMTL.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment:
User supplied VMT mix.

* Litchfield County 2020 O3 SEASON w/CRD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 11, Scenario 1.

*** I/M credits for Tech1a2 vehicles were read from the following external
  * data file: TECH12.D

M 48 Warning:
there are no sales for vehicle class HDGV8b
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVYN.D
Calendar Year: 2040
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
GVWR:               <6000     >6000     (All)    (All)    (All)    (All)    (All)    (All)    (All)    (All)
------    ------    ------    ------    ------    ------    ------    ------    ------    -----
VMT Distribution:    0.3084    0.4861    0.1657              0.0081    0.0003    0.0025    0.0193    0.0096    1.0000
----------------------------------------------------------------------------------------------------------------------
Composite Emission Factors (g/mi):

Composite VOC :      0.300     0.300     0.322     0.306     0.422    0.076     0.152     0.444      4.39     0.346
Composite NOX :      0.124     0.161     0.204     0.172     0.137    0.031     0.130     0.539      0.92     0.171
----------------------------------------------------------------------------------------------------------------------
***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)      *
* Input file: 40OZ.IN (file 1, run 12).     *
***************************************************************************

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)

* Reading Registration Distributions from the following external
  * data file: CTREG05.D
M 49 Warning: 1.00     MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
  * data file: CTIM05PL.D

* CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no CRD)
* Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
  that replaced the ASM
* Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.D
* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading Hourly VMT distribution from the following external
  * data file: CTHVMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external
  * data file: Z:\SER29N\2040\40SVMT3S.CTY
* Reading Hourly Roadway VMT distribution from the following external
  * data file: FCWMTL.CTY

Reading User Supplied ROADWAY VMT Factors
User supplied VMT mix.

* Litchfield County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 12, Scenario 1.

I/M credits for Tech12 vehicles were read from the following external data file: TECH12.D

M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2040
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

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

VMT Distribution:
0.2937, 0.4631, 0.1579, 0.0238, 0.0003, 0.0024, 0.0574, 0.0014, 1.0000

Composite Emission Factors (g/mi):
Composite VOC: 0.204, 0.204, 0.225, 0.209, 0.198, 0.044, 0.084, 0.212, 2.99, 0.211
Composite NOX: 0.119, 0.179, 0.260, 0.200, 0.165, 0.023, 0.096, 0.397, 1.12, 0.187

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: NLEVNE.D

User has supplied post-1999 sulfur levels.

User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external data file: CHREG01.D

* Reading ASM I/M program description records from the following external data file: ASMDATA.D

Reading User Supplied ROADWAY VMT Factors

M 48 Warning: there are no sales for vehicle class LDGV8b
M 48 Warning: there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVNE.D
GVWR: <6000 >6000 (All)  
VMT Distribution: 0.3091 0.4873 0.1662 0.0077 0.0003 0.0025 0.0184 0.0085 1.0000

Composite Emission Factors (g/mi):
- Composite VOC : 0.217 0.216 0.234 0.221 0.239 0.049 0.094 0.248 3.20 0.245
- Composite NOX : 0.117 0.168 0.225 0.182 0.163 0.025 0.105 0.435 1.14 0.175

* MOBILE6.2.03 (24-Sep-2003)
* Input file: 40OZ.IN (file 1, run 15)

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVE.ENV.D
* User has supplied post-1999 sulfur levels.
* User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external data file: CTREG05.DEF
* CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
* Biennial OBII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBII test that replaced the ASM
* Biennial OBII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial 2500/I/M I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.DE
* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.DE
* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2040\40SVMT4S.CTY
* Reading Hourly Roadway VMT distribution from the following external data file: PCVMTL.CTY

* Reading User Supplied ROADWAY VMT Factors
* User supplied VMT mix.

* Middlesex County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 15, Scenario 1.

*** I/M credits for Tech1&2 vehicles were read from the following external data file: TECH12.DE

* Middlesex Ramp 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 16, Scenario 1.

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LGDV LGDT LGDT34 LGDT HDGV LGDV LDGT HDDV MC All Veh
GVWR: <6000 >6000 (All)  
VMT Distribution: 0.3084 0.4861 0.1677 0.0081 0.0003 0.0025 0.0193 0.0096 1.0000

Composite Emission Factors (g/mi):
- Composite VOC : 0.237 0.293 0.315 0.299 0.415 0.076 0.352 0.444 4.27 0.339
- Composite NOX : 0.120 0.160 0.204 0.171 0.137 0.031 0.130 0.539 0.95 0.170

* MOBILE6.2.03 (24-Sep-2003)
* Input file: 40OZ.IN (file 1, run 16)

***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 40OZ.IN (file 1, run 16)
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)

Reading Registration Distributions from the following external data file: CTREG05.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)

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

M616 Comment: User has supplied post-1999 sulfur levels.

M603 Comment: User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external data file: CTREG05.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)

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

M616 Comment: User has supplied post-1999 sulfur levels.

M603 Comment: User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external data file: CTREG05.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)
Warning: MYR sum not = 1. (will normalize)

Warning: MYR sum not = 1. (will normalize)

Warning: MYR sum not = 1. (will normalize)

Warning: MYR sum not = 1. (will normalize)

Reading I/M program description records from the following external data file:

CTIM05PL.D

CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501–10,000 lb get TSI & GC (no OBD)

Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM

Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR

Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)

Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

Reading ASM I/M Test Credits from ASMDATA.D

Warning: there are no sales for vehicle class HDGVb

Warning: there are no sales for vehicle class LDDT12

LEV phase-in data read from file KLEVE.D

Calendar Year: 2040
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
 Reformulated Gas: Yes

Vehicle Emission Factors (g/mi):

Composite VOC : 0.171 0.179 0.184 0.183 0.155 0.237 0.70 0.164 3.00 0.181
Composite NOX : 0.210 0.211 0.228 0.228 0.192 0.235 0.147 0.147 0.147 0.147

Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVE.D

User has supplied post-1999 sulfur levels.

User has disabled the calculation of REFUELING emissions.

Reading Registration Distributions from the following external data file: CTRG05.D

Warning: MYR sum not = 1. (will normalize)

Warning: MYR sum not = 1. (will normalize)

Warning: MYR sum not = 1. (will normalize)

Warning: MYR sum not = 1. (will normalize)

Reading I/M program description records from the following external data file:

CTIM05PL.D

CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501–10,000 lb get TSI & GC (no OBD)

Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
* Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.D
* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading Hourly VMT distribution from the following external
  * data file: CTBVMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external
  * data file: z:\SER29B\2040\40SVMT5S.CTY
* Reading Hourly Roadway VMT distribution from the following external
  * data file: FVWMT.DEF

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
User supplied VMT mix.

* New Haven County 2040 03 SEASON w/OBD/ASM/idle I/M w/gascap, ATP, RFG2
* File 1, Run 19, Scenario 1.
* I/M credits for Tech12 vehicles were read from the following external
  data file: TECH12.D

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class LDGT12

LEV phase-in data read from file KLEVNE.D

Calendar Year: 2040
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDDV HDGT HDDV MC All Veh
GVWR: <6000 >6000 (All)
------ ------ ------ ------ ------ ------ ------ ------ ------ -----
VMT Distribution: 0.3091 0.4873 0.1662 0.0077 0.0003 0.0025 0.0184 0.0085 1.0000

----------------------------------------------------------------------------------------------------------------------
Composite Emission Factors (g/mi):
Composite VOC: 0.232 0.249 0.235 0.266 0.252 0.102 0.274 3.38 0.261
Composite NOX: 0.123 0.230 0.187 0.158 0.025 0.106 0.439 1.11 0.179

----------------------------------------------------------------------------------------------------------------------
***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                          *
* Input file: 40OZ.IN (file 1, run 19).                              *
***************************************************************************
*******************New Haven Local **************************************
* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
  * data file: KLEVNE.D

M616 Comment:
User has supplied post-1999 sulfur levels.

M603 Comment:
User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
  * data file: CTHREG05.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)

* Reading I/M program description records from the following external
  * data file: CTIM05PL.D

CT IM Programs for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)

* Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
* Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.D
* Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading Hourly VMT distribution from the following external
  * data file: CTBVMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external
  * data file: z:\SER29B\2040\40SVMT5S.CTY
* Reading Hourly Roadway VMT distribution from the following external
Reading User Supplied ROADWAY VMT Factors
M615 Comment:
User supplied VMT mix.

*** I/M credits for Tech1a2 vehicles were read from the following external data file: TECH12.D
M 48 Warning:
there are no sales for vehicle class HDGV8b

** LEV phase-in data read from file NLEVNE.D
Calendar Year: 2040
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type:  
           LDGV LDGT12 LDGT34 LDGT       HDGV       LDDV       LDDT       HDDV        MC   All Veh
GVWR:      <6000  >6000  (All)  (All)   >6000  (All)   >6000  (All)   >6000  (All)   >6000  (All)   >6000  (All)
VMT Distribution:  0.3084  0.4861  0.1657              0.0081    0.0003    0.0025    0.0193    0.0096    1.0000

Composite Emission Factors (g/mi):
Composite VOC :  0.297     0.293     0.315     0.299     0.415    0.076     0.152     0.444      4.27     0.339
Composite NOX :  0.120     0.160     0.204     0.171     0.137    0.031     0.121     0.539      0.95     0.170

** Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: NLEVNE.D

** User has supplied post-1999 sulfur levels.

** User has disabled the calculation of REFUELING emissions.

** Reading Registration Distributions from the following external data file: CTREG05.D
M 49 Warning:
1.00     MYR sum not = 1. (will normalize)

** Reading I/M program description records from the following external data file: ASMDATA.D

** Reading ASM I/M Test Credits from ASMDATA.D

** Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF

** Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2040\40SVMT5S.CTY

** Reading Hourly Roadway VMT distribution from the following external data file: FCVMTR.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
Calendar Year: 2040
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
Fuel ATP Program: Yes
Reformulated Gas: Yes

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

VMT Distribution:
<6000 4600 (All)

Composites Emission Factors (g/mi):
Composite VOC: 0.201, 0.200, 0.222, 0.206, 0.193, 0.244, 0.834, 0.212, 0.89, 0.208
Composite NOX: 0.118, 0.180, 0.260, 0.200, 0.165, 0.023, 0.096, 0.397, 1.16, 0.188

***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                            *
* Input file: 40OZ.IN (file 1, run 21).                                   *
***************************************************************************

*********************New London Expressway ****************************************************
* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M 49 Warning:
User has supplied post-1999 sulfur levels.
M 49 Warning:
User has disabled the calculation of REFUELING emissions.

*Reading Registration Distributions from the following external
* data file: CTREG05.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)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D

* Reading ASM I/M Test Credits from ASMDATA.D

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

*Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: 3:SERVMT4040404MVT05.DTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: PCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
User supplied VMT mix.

* *** I/M credits for Tech12 vehicles were read from the following external
  data file: TECH12.D
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
Calendar Year: 2040
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
Fuel ATP Program: Yes
Reformulated Gas: Yes

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>LDGV</th>
<th>LDGT12</th>
<th>LDGT34</th>
<th>LDGT</th>
<th>HDGV</th>
<th>LDGV</th>
<th>LDDV</th>
<th>HDDV</th>
<th>MC</th>
<th>All Veh</th>
</tr>
</thead>
<tbody>
<tr>
<td>GVWR</td>
<td>&lt;6000</td>
<td>&gt;6000</td>
<td>(All)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VMT Distribution</td>
<td>0.297</td>
<td>0.177</td>
<td>0.192</td>
<td>0.181</td>
<td>0.150</td>
<td>0.0236</td>
<td>0.067</td>
<td>0.155</td>
<td>3.15</td>
<td>0.179</td>
</tr>
</tbody>
</table>

Composite Emission Factors (g/mi):

<table>
<thead>
<tr>
<th></th>
<th>LDGV</th>
<th>LDGT12</th>
<th>LDGT34</th>
<th>LDGT</th>
<th>HDGV</th>
<th>LDGV</th>
<th>LDDV</th>
<th>HDDV</th>
<th>MC</th>
<th>All Veh</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composite VOC</td>
<td>0.169</td>
<td>0.177</td>
<td>0.192</td>
<td>0.181</td>
<td>0.150</td>
<td>0.0236</td>
<td>0.067</td>
<td>0.155</td>
<td>3.15</td>
<td>0.179</td>
</tr>
<tr>
<td>Composite NOX</td>
<td>0.118</td>
<td>0.166</td>
<td>0.223</td>
<td>0.163</td>
<td>0.163</td>
<td>0.025</td>
<td>0.067</td>
<td>0.155</td>
<td>3.15</td>
<td>0.179</td>
</tr>
</tbody>
</table>

* MOBILE6.2.03 (24-Sep-2003)
* Input file: 40OZ.IN (file 1, run 23)
**New London Local**

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: KLLEVNE.D
  M616 Comment: User has supplied post-1999 sulfur levels.
  M603 Comment: User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external data file: CTREG05.D
  M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external data file: CTIM05PL.D

  *CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD))
  *Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test run by DMV that replaced the ASM
  *Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
  *Biennial GC evaporative "test" for all HDGV 8,501 - 10,000 lbs GVWR (per above comment)
  *Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D

* Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2040\40SVMT6S.CTY

* Reading Hourly Roadway VMT distribution from the following external data file: FCVMTL.CTY

* Reading User Supplied ROADWAY VMT Factors

  M615 Comment: User supplied VMT mix.

  # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
  **New London County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2**
  * File 1, Run 23, Scenario 1.
  # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #

  *** 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 HDGVRe
  M 48 Warning: there are no sales for vehicle class LDDT12

  LEV phase-in data read from file KLEVNE.D
  Calendar Year: 2040
  Month: July
  Altitude: Low
  Minimum Temperature: 67.7 (F)
  Maximum Temperature: 95.5 (F)
  Minimum Rel. Hum.: 38.8 (%)
  Maximum Rel. Hum.: 90.6 (%)
  Fuel Sulfur Content: 30. ppm
  Exhaust I/M Program: Yes
  Evap I/M Program: Yes
  ATP Program: Yes
  Reformulated Gas: Yes

  Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDGV LDGT HDDV MC All Veh
  GWVR: <6000 >6000 (All)
  VMT Distribution: 0.3084 0.4861 0.1657 0.0081 0.0003 0.0025 0.0193 0.0096 1.0000

  Composite Emission Factors (g/mi):
  Composite VOC : 0.300 0.300 0.322 0.366 0.122 0.094 0.444 0.39 0.346
  Composite NOX : 0.124 0.161 0.204 0.172 0.137 0.231 0.030 0.539 0.92 0.175

  ***********************************************************************************
  ** MOBILE6.2.03 (24-Sep-2003) **
  * Input file: 40OZ.IN (file 1, run 24)
  ***********************************************************************************

  **New London Ramp**

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: KLEVNE.D
  M616 Comment: User has supplied post-1999 sulfur levels.
  M603 Comment: User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external data file: CTREG05.D

  M 49 Warning: 1.00 MYR sum not = 1. (will normalize)
Reading I/M program description records from the following external data file: CTIM05PL.D
CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD))
* Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
* Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
* Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
* Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
* Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
Reading ASM I/M Test Credits from ASMDATA.D
* There are no sales for vehicle class HDGV8b
* There are no sales for vehicle class LDDT12
LEV phase-in data read from file NLEVNE.D
Calendar Year: 2040
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes
Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDGV LDGT HDDV MC All Veh
GVWR: <6000 >6000
VMT Distribution: 0.2937 0.4631 0.1579 0.0238 0.0003 0.0024 0.0574 0.0014 1.0000
Composite Emission Factors (g/mi):
Composite VOC : 0.204 0.204 0.225 0.209 0.198 0.044 0.084 0.212 2.99 0.211
Composite NOX : 0.119 0.179 0.260 0.200 0.165 0.023 0.096 0.397 1.12 0.187
User has supplied post-1999 sulfur levels.
User has disabled the calculation of REFUELING emissions.
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OB2I I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OB2I evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial GC evaporative "test" for all HDGT, 8,501 - 10,000 lbs per above comment
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading Hourly VMT distribution from the following external
  * data file: CTHVMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external
  * data file: C/USER2/2040/40SVMT7S.CTY
* Reading Hourly Roadway VMT distribution from the following external
  * data file: FCVMTF.CTY
* Reading User Supplied ROADWAY VMT Factors
  *M615 Comment:
  User supplied VMT mix.
* # # # # # # # # # # # # # # # # # # # # # # # # #
* Tolland County 2040 O3 SEASON w/CBD/ASM/Idle I/M W/gascap, ATP, RFG2
  * File 1, Run 25, Scenario 1.
  * # # # # # # # # # # # # # # # # # # # # # # # # #
* I/M credits for Tech1a2 vehicles were read from the following external
  * data file: TECH12.D
* M 48 Warning:
  * there are no sales for vehicle class HDGV8b
* M 48 Warning:
  * there are no sales for vehicle class LDDT12
LEV phase-in data read from file KLEVE1.D
  * Calendar Year: 2040
  * Month: July
  * Altitude: Low
  * Minimum Temperature: 67.7 (F)
  * Maximum Temperature: 95.5 (F)
  * Maximum Rel. Hum.: 38.8 (%)
  * Fuel Sulfur Content: 30. ppm
  * Exhaust I/M Program: Yes
  * Evap I/M Program: Yes
  * ATP Program: Yes
  * Reformulated Gas: Yes
  * Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT56    HDGV      LDDV      LDDT      HDDV        MC   All Veh
  * GVWR:               <6000     >6000     (All)              (All)    (All)    (All)    (All)    (All)    ------
  * VMT Distribution:    0.2937    0.4631    0.1579              0.0238    0.0003    0.0024    0.0574    0.0014    1.0000
  * Composite Emission Factors (g/mi):
    Composite VOC :   0.148     0.176     0.191     0.180     0.147    0.038     0.067     0.153      3.18     0.178
    Composite NOX :   0.110     0.173     0.230     0.187     0.198    0.038     0.159     0.662      1.47     0.194
  * M616 Comment:
  * User has supplied post-1999 sulfur levels.
  * M603 Comment:
  * User has disabled the calculation of REFUELING emissions.
  * Reading Registration Distributions from the following external
  * data file: C/REG05.D
  * M 49 Warning:
  * MYR sum not = 1. (will normalize)
  * M 49 Warning:
  * MYR sum not = 1. (will normalize)
  * M 49 Warning:
  * MYR sum not = 1. (will normalize)
  * M 49 Warning:
  * MYR sum not = 1. (will normalize)
  * M 49 Warning:
  * MYR sum not = 1. (will normalize)
  * Reading I/M program description records from the following external
  * data file: CTIM05PL.D
* M 49 Warning:
  * MYR sum not = 1. (will normalize)
* Reading I/M program description records from the following external
  * data file: CTIM05PL.D
* Reading Hourly, Roadway, and Speed VMT dist. from the following external
  * data file: Z:\SER29B\2040\40SVMT7S.CTY
  *
* Reading Hourly Roadway VMT distribution from the following external
  * data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Tolland County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 26, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
** I/M credits for Tech12 Vehicles were read from the following external
  data file: TECH12.D

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
Calendar Year: 2040
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type:      LDGV    LDGT12    LDGT34    LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
GVWR:               <6000     >6000     (All)    (All)    (All)    (All)    (All)    (All)    (All)    (All)
VMT Distribution:    0.3091    0.4873    0.1662    0.0077    0.0003    0.0025    0.0184    0.0085    1.0000

Composite Emission Factors (g/mi):

VOC :      0.211     0.212     0.230     0.217     0.231    0.047     0.091     0.238      3.22     0.241
NOX :      0.117     0.165     0.222     0.180     0.164    0.025     0.104     0.431      1.10     0.172

* MOBILE6.2.03 (24-Sep-2003)
* Input file: 40OZ.IN (file 1, run 27).

*******************Tolland  Local *******************

Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
  data file: NLEVNE.D

M616 Comment:
User has supplied post-1999 sulfur levels.

M603 Comment:
User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
  * data file: CTREG05.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)

* Reading I/M program description records from the following external
  * data file: CTIM05PL.D

*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDD I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBDD test that replaced the ASM
*Biennial OBDD evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

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

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
  * data file: Z:\SER29B\2040\40SVMT7S.CTY

* Reading Hourly Roadway VMT distribution from the following external
  * data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Tolland County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 27, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
** I/M credits for Tech12 Vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class LDDT12
LEV phase-in data read from file KLEVNE.D
    Calendar Year: 2040
    Month:    July
    Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.:  38.8 (%)  
Maximum Rel. Hum.:  90.6 (%)  
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas:  Yes
Vehicle Type:      LDGV    LDGT12    LDGT34    LDGT    HDGV    LDDV    LDDT    HDDV    MC   All Veh
GVWR:               <6000     >6000     (All)  
VMT Distribution:    0.3084    0.4861    0.1657              0.0081    0.0003    0.0025    0.0193    0.0096    1.0000
----------------------------------------------------------------------------------------------------------------------
Composite Emission Factors (g/mi): 
Composite VOC  :      0.300     0.300     0.322     0.306     0.422    0.076     0.152     0.444      4.39     0.346
Composite NOX  :      0.124     0.161     0.204     0.172     0.137    0.031     0.130     0.539      0.92     0.171
----------------------------------------------------------------------------------------------------------------------
***************************************************************************
* MOBILES.2.03 (24-Sep-2003)                                            *
***************************************************************************
********************Tolland Ramp ***********************************************
* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external *
  data file: KLEVNE.D
M616 Comment:  User has supplied post-1999 sulfur levels.
M603 Comment:
  User has disabled the calculation of REFUELING emissions.
* Reading Registration Distributions from the following external *
  data file: CHRDGD.S
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)
* Reading I/M program description records from the following external *
  data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMR/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD))
*Biennial OBII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBII test that replaced the ADM
*Biennial OBII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDL3 I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
*Biennial 2500/IDL3 evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading Hourly VMT distribution from the following external *
  data file: CTNWMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external *
  data file: Z:\SER29B\2040\40SVMT7S.CTY
* Reading Hourly Roadway VMT distribution from the following external *
  data file: PCWMT.CTY
Reading User Supplied ROADWAY VMT Factors
M615 Comment:  User supplied VMT mix.

* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Tolland County 2040 03 SEASON w/CDN/ASM/Idle I/M 8\gas\gascap, ATP, RFG2
  # File 1, Run 28, Scenario 1.
  # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
** I/M credits for Tech1a2 vehicles were read from the following external *
  data file: TECH12.D
M 48 Warning:  there are no sales for vehicle class HDGV8b
M 48 Warning:  there are no sales for vehicle class LDDT12
LEV phase-in data read from file KLEVNE.D
    Calendar Year: 2040
    Month:    July
    Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.:  38.8 (%)  
Maximum Rel. Hum.:  90.6 (%)  
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

<table>
<thead>
<tr>
<th>Vehicle Type:</th>
<th>LDGV</th>
<th>LDGT12</th>
<th>LDGT34</th>
<th>LDGT</th>
<th>HDGV</th>
<th>LDDV</th>
<th>LDDT</th>
<th>HDDV</th>
<th>MC</th>
<th>All Veh</th>
</tr>
</thead>
<tbody>
<tr>
<td>VMT Distribution:</td>
<td>0.284</td>
<td>0.240</td>
<td>0.225</td>
<td>0.209</td>
<td>0.198</td>
<td>0.244</td>
<td>0.084</td>
<td>0.212</td>
<td>2.99</td>
<td>0.211</td>
</tr>
</tbody>
</table>

Composite Emission Factors (g/mi):

- Composite VOC: 0.119
- Composite NOX: 0.119

VMT Distribution: 0.2937 0.4631 0.1579 0.0238 0.0003 0.0024 0.0574 0.0014 1.0000

M 49 Warning:
- MYR sum not = 1.
- Will normalize.

M 48 Warning:
- There are no sales for vehicle class LDGT8b.
- There are no sales for vehicle class LDGT9b.

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2040
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

<table>
<thead>
<tr>
<th>Vehicle Type:</th>
<th>LDGV</th>
<th>LDGT12</th>
<th>LDGT34</th>
<th>LDGT</th>
<th>HDGV</th>
<th>LDDV</th>
<th>LDDT</th>
<th>HDDV</th>
<th>MC</th>
<th>All Veh</th>
</tr>
</thead>
<tbody>
<tr>
<td>VMT Distribution:</td>
<td>0.2937</td>
<td>0.4631</td>
<td>0.1579</td>
<td>0.0238</td>
<td>0.0003</td>
<td>0.0024</td>
<td>0.0574</td>
<td>0.0014</td>
<td>1.0000</td>
<td></td>
</tr>
</tbody>
</table>

Composite Emission Factors (g/mi):

- Composite VOC: 0.111
- Composite NOX: 0.111

M 48 Warning:
- There are no sales for vehicle class LDGT12.
* MOBILE6.2.03 (24-Sep-2003)                                              *
* Input file: 40OZ.IN (file 1, run 30).                                   *
***********************************************************************

### Windham Arterials/Collectors *

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
data file: NLEVNE.D*

M616 Comment:
User has supplied post-1999 sulfur levels.

M603 Comment:
User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
data file: CTREG05.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)

* Reading I/M program description records from the following external
data file: CTIM05PL.D*

*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)*

*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM*

*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR*

*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)*

*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR*

* Reading ASM I/M Test Credits from ASMDATA.D*

*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR*

* Reading Hourly VMT distribution from the following external
data file: CHTYMT.DEF*

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
data file: Z:\SER29B\2040\40SVMT8S.CTY*

* Reading Hourly Roadway VMT distribution from the following external
data file: PCVTYA.CTY*

Reading User Supplied ROADWAY VMT Factors

M615 Comment:
User supplied VMT mix.

### Windham County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

* File 1, Run 30, Scenario 1:

** Windham Local

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class LDGT12

LEV phase-in data read from file KLEVE,D

Calendar Year:  2040
Month:  July
Altitude:  Low
Minimum Temperature:  67.7 (F)
Maximum Temperature:  95.5 (F)
Minimum Rel. Hum.:  38.8 (%)
Maximum Rel. Hum.:  90.6 (%)
Fuel Sulfur Content:   30. ppm

Exhaust I/M Program:  Yes
Evap I/M Program:  Yes
ATP Program:  Yes
Reformulated Gas:  Yes

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>LDGV</th>
<th>LDGT12</th>
<th>LDGT34</th>
<th>LDGT</th>
<th>HDGV</th>
<th>LDGV</th>
<th>LDGT</th>
<th>HDGV</th>
<th>MC</th>
<th>All Veh</th>
</tr>
</thead>
<tbody>
<tr>
<td>GVWR</td>
<td>&lt;6000</td>
<td>&gt;6000</td>
<td>(All)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

VMT Distribution: 0.3091 0.4873 0.1662 0.0077 0.0025 0.0184 0.0085 1.0000

---------------------------------------------------------------

Composite Emission Factors (g/mi):

Composite VOC : 0.201 0.203 0.220 0.207 0.210 0.244 0.085 0.217 3.09 0.229
Composite NOX : 0.113 0.163 0.218 0.177 0.169 0.075 0.104 0.430 1.13 0.170

---------------------------------------------------------------

* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 40OZ.IN (file 1, run 31).

***********************************************************************

### Windham Local

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
data file: KLEVE,D

M616 Comment:
User has supplied post-1999 sulfur levels.

M603 Comment:
User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* Reading I/M program description records from the following external data file: CTIM05PL.D

* CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDD I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial GAS Cap evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
*Biennial ASM I/M "tailpipe" test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
* Reading ASM I/M Test Credits from ASMDATA.D

* Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF
* Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29B\2040\40SVMT8S.CTY

* Reading Hourly Roadway VMT distribution from the following external data file: SCWMTL.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment:
User supplied VMT mix.

* Windham County 2040 O3 SEASON w/CBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 31, Scenario 1.

*** 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
there are no sales for vehicle class LDGT12

LEV phase-in data read from file KLEVNE.D
Calendar Year: 2940
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
GVWR:               <6000     >6000     (All)     (All)     (All)     (All)     (All)     (All)    (All)
------    ------    ------    ------    ------    ------    ------    ------    ------    ------
VMT Distribution:    0.3084    0.4861    0.1657              0.0081    0.0003    0.0025    0.0193    0.0096    1.0000
----------------------------------------------------------------------------------------------------------------------
Composite Emission Factors (g/mi):

Composite VOC :      0.300     0.300     0.322     0.306     0.422    0.076     0.152     0.444      4.39     0.346
Composite NOX :      0.124     0.161     0.204     0.172     0.137    0.031     0.130     0.539      0.92     0.171
----------------------------------------------------------------------------------------------------------------------
***************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                              *
* Input files: 40OZ.IN (file 1, run 32).                                   *
***************************************************************************
**CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)**

- Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM.
- Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR.
- Biennial 2500/10G I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment).
- Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs GVWR (per above comment).
- Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR.

**Reading ASM I/M Test Credits from ASMDATA.D**

- Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR.

**Reading Hourly VMT distribution from the following external**

**Reading Hourly Roadway and Speed VMT dist. from the following external**

**Reading Hourly Roadway VMT distribution from the following external**

**Reading User Supplied ROADWAY VMT Factors**

<table>
<thead>
<tr>
<th>M615 Comment:</th>
<th>User supplied VMT mix</th>
</tr>
</thead>
</table>

**Windham County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2**

**LEV phase-in data read from file KLEVNE.D**

<table>
<thead>
<tr>
<th>Calendar Year:</th>
<th>2040</th>
</tr>
</thead>
<tbody>
<tr>
<td>Month:</td>
<td>July</td>
</tr>
<tr>
<td>Altitude:</td>
<td>Low</td>
</tr>
<tr>
<td>Minimum Temp.:</td>
<td>67.7 (F)</td>
</tr>
<tr>
<td>Maximum Temp.:</td>
<td>95.5 (F)</td>
</tr>
<tr>
<td>Minimum Rel. Hum.:</td>
<td>38.8 (%)</td>
</tr>
<tr>
<td>Maximum Rel. Hum.:</td>
<td>90.6 (%)</td>
</tr>
<tr>
<td>Fuel Sulfur Content:</td>
<td>30. ppm</td>
</tr>
<tr>
<td>Exhaust I/M Program:</td>
<td>Yes</td>
</tr>
<tr>
<td>Evap I/M Program:</td>
<td>Yes</td>
</tr>
<tr>
<td>ATP Program:</td>
<td>Yes</td>
</tr>
<tr>
<td>Reformulated Gas:</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Composite Emission Factors (g/mi):**

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>LDGV</th>
<th>LDGT12</th>
<th>LDGT34</th>
<th>LDGT</th>
<th>HDGV</th>
<th>LDDV</th>
<th>LDDT</th>
<th>HDDV</th>
<th>MC</th>
<th>All Veh</th>
</tr>
</thead>
<tbody>
<tr>
<td>VMT Distribution:</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td>----</td>
<td>------</td>
</tr>
</tbody>
</table>

| Composite VOC | 0.204 | 0.204 | 0.225 | 0.209 | 0.198 | 0.044 | 0.084 | 0.212 | 2.99 | 0.211 |
| Composite NOX | 0.119 | 0.179 | 0.260 | 0.200 | 0.185 | 0.223 | 0.096 | 0.397 | 1.12 | 0.187 |