

**DETROIT RIVER INTERNATIONAL CROSSING (DRIC)
2nd INTERIM AIR QUALITY MONITORING REPORT
JANUARY 1st, 2007 – MARCH 31st, 2007**

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Executive Summary

As part of the Environmental Assessment, the Detroit River International Crossing (DRIC) team has established two ambient air monitoring stations in the Area of Continued Analysis (ACA), along the existing Huron Church/Highway 3 corridor. These monitoring stations have been collecting data on ambient concentrations of nitrogen oxides, fine particulate matter, VOCs, aldehydes, and local meteorology since October 1st, 2006 and this monitoring will continue until the end of September 2007. The information from this monitoring program will be used in establishing current baseline conditions in the area for use in the air dispersion modelling portion of the Environmental Assessment associated with the DRIC project. This report presents the results from the first half of the sampling period, from October 1st, 2006 to March 31st, 2007, with a focus on the second quarter, beginning January 1st, 2007. The main findings to date are as follows:

- There were no exceedances of the MOE AAQCs (1-hr and 24-hr) for NO_x at either station during the second quarter of sampling;
- The average NO_x concentrations at each station remained relatively unchanged;
- The guideline levels for VOCs (acrolein, benzene) and aldehydes (acetaldehyde, formaldehyde) were not exceeded at any point during the second quarter of sampling;
- The proposed Canada Wide Standard (24-hr) for PM_{2.5} was exceeded at both stations (5 days at OPHL and 4 days at St. Clair College), bringing the total thus far in the sampling period to 18 exceedance days at OPHL and 12 at St. Clair College. This may be attributed to any number of local or transboundary sources. The results of the air dispersion modelling which is currently underway will clarify the actual impact of traffic on local concentrations;
- The average 24-hr PM_{2.5} concentration at each monitoring station for the period thus far remained relatively unchanged since the end of the first quarter;
- Average daily car and short truck traffic volumes for the second quarter decreased when compared to daily average volumes from the first quarter. The percentage decrease in daily average volumes of cars and short trucks from the end of the first quarter to the end of the second quarter were approximately 8.7% and 5.1%, respectively. Average daily long truck traffic volumes increased by approximately 7.4%.

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1.0 Introduction

1.1 PURPOSE OF STUDY

As part of the Environmental Assessment, the Detroit River International Crossing (DRIC) team has established two ambient air monitoring stations in the Area of Continued Analysis (ACA), along the existing Huron Church/Highway 3 corridor. The purpose of the monitoring program is to collect data on the total pollutant concentrations that are routinely observed in the corridor, rather than specifically determine the fraction that originates from the roadway. This air contaminant concentration data is to be used in establishing baseline data in the air modelling assessment as it firmly establishes the air quality conditions in the study area. The monitoring stations were each operating by September 28th, 2006. The official beginning to the air monitoring program was considered to be October 1st, 2006, and it will continue until the end of September 2007. This report presents the results from the first half of the sampling period, from October 1st, 2006 to March 31st, 2007, with a focus on the second quarter, beginning January 1st, 2007.

The data collected during this study will be used to:

- Establish current conditions within the Huron Church Road/Hwy 3 corridor;
- Assist in determining background air concentrations of the pollutants being measured; and
- Benchmark the air dispersion modelling.

The measured concentrations will be compared to the relevant federal Canada Wide Standards (CWSs) and provincial Ambient Air Quality Criteria (AAQCs) and guidelines to assess whether they are presently within acceptable levels. In addition, the monitoring data will be used in combination with air dispersion modelling undertaken by the DRIC study team to determine the contribution from the roadway relative to upwind background sources in the area which may include Zug Island and other local industries. This background contribution will be added to all modelled results for the assessment of the Practical Alternatives. Also, the data will be used to validate the air dispersion modelling and contributions from upwind background sources. This will be done by modelling the existing conditions and comparing the model predicted concentrations (including background) with the measurements for each pollutant. A statistical analysis will then be completed to confirm the model accuracy is within acceptable levels. This is the second interim report released by the Study Team.

1.2 POLLUTANTS BEING MEASURED

Nitrogen oxides (NO_x) and fine particulate matter (PM_{2.5}) are generally the typical air pollutant indicator compounds with respect to transportation related vehicle emissions. Other criteria air pollutants such as sulphur dioxide (SO₂), carbon monoxide (CO) and various species of volatile compounds are also related to transportation sources, but generally are not problematic in terms of health and environmental effects. Four air toxics associated with transportation sources have been selected for monitoring. These are:

- Benzene
- Acrolein *
- Formaldehyde *
- Acetaldehyde *

While transportation sources are not the dominant contributor of the above VOCs to the ambient air (as they are each used widely in industry), they are considered to be characteristic compounds in vehicle exhaust. Benzene is present in the exhaust of gasoline-powered vehicles, as well as diesel-powered vehicles to a lesser extent. Acrolein, formaldehyde, and acetaldehyde (denoted with an asterisk) are typically associated with diesel-powered heavy trucks (more so than gasoline-powered vehicles), and are believed to be primarily responsible for the characteristic odour of diesel exhaust.

It should be noted that transportation sources are only one source of the pollutants included in this study, and all measured concentrations would be expected to have contributions from a variety of local, regional and transboundary sources (i.e., nearby industrial operations and other sources). The MOE operates two monitoring stations in the Windsor area (Windsor West and Windsor Downtown), which collect information on air concentrations, including those measured in the DRIC study. The MOE monitoring data for January to March 2007 was not available at the time this report was written, however preliminary information from the MOE stations for previous years are included in the discussion sections to provide some perspective on the results from the DRIC study.

In addition to the air pollutant concentrations, meteorological data is continuously collected at both stations, such that the data can be correlated with the meteorological conditions. The parameters being measured are:

- Wind speed and direction;
- Temperature; and
- Relative Humidity.

1.3 AMBIENT AIR QUALITY CRITERIA (AAQCs), CANADA WIDE STANDARDS (CWS) AND GUIDELINE LEVELS

The Ontario Ministry of the Environment (MOE) has set Ambient Air Quality Criteria (AAQCs) for a number of air pollutants of concern. Similar to AAQCs, the Canadian Council of Ministers of the Environment (CCME) has set Canada-Wide Standards (CWSs) for specific air pollutants – for PM_{2.5} it is 30 µg/m³ (24-hr average). Unlike regulatory standards that apply to fence-line (or Point of Impingement – POI) concentrations at industrial facilities, AAQCs are not legally enforceable unless included in a regulatory instrument (i.e. Certificate of Approval). Instead, these criteria represent the maximum concentration or level (based on potential effects) of contaminant that is desirable or considered acceptable in ambient air (MOE, 2005).

Similarly, the CWS for PM_{2.5} represents a target concentration in ambient air that is to be achieved by 2010. According to the guidance documents provided by the CCME, CWS achievement will be based on community-oriented monitoring sites i.e., sites located where people live, work and play rather than at the expected maximum impact point for specific emission sources (CCME, 2000). Communities for which jurisdictions demonstrate (i) that continued exceedance of the CWS levels is primarily due to transboundary flow of PM and ozone or their precursor pollutants from the U.S. or from another province/territory, and (ii) that “best efforts” have been made to reduce contributions to the excess levels from pollution sources within the jurisdiction, will be identified in reporting as “transboundary influenced communities” that are unable to reach attainment of the CWSs until further reduction in transboundary air pollution flow occurs. Demonstration of transboundary flow influence will be a shared responsibility of the federal government and the affected province/territory, and demonstration of best efforts will include measures in both provincial/territorial and federal implementation plans. It is likely that when the CWS comes into force in 2010, Windsor will be designated as a “transboundary influenced community”.

2.0 Monitoring Equipment and Methodology

The following section describes the equipment and methods used to collect samples of each of the contaminants presented in Section 1.0. The description will include information pertaining to whether the contaminant was collected on a continuous basis, or whether it was collected by a trained field technician operating on a pre-defined sampling schedule coinciding with the Environment Canada (EC) National Air Pollutant Surveillance (NAPS) network schedule. Each of the methods described below are either provided by, or approved by the U.S. Environmental Protection Agency (EPA) and Ontario Ministry of the Environment (MOE).

2.1 NITROGEN OXIDES (NO_x)

The levels of nitrogen oxides (NO_x) in the ambient air were measured using continuously sampling NO_x analysers that operate on the principle of chemiluminescence, which is a U.S. EPA and Ontario Ministry of the Environment (MOE) approved method. Ambient air is continuously drawn into the analyser where it is exposed to a steady supply of ozone (O₃), initiating a chemical reaction with the NO_x compounds that produces light (chemiluminescence). The intensity of this light is directly proportional to the amount of nitrogen oxide (NO) in the sample gas stream. Nitrogen dioxide (NO₂) that may also be present in the sample gas does not participate in this reaction; therefore a second stream of gas is also passed through a catalytic-reactive converter, which converts the NO₂ to NO such that chemiluminescence may take place. The results from this second stream are reported as NO_x, and the NO₂ content is determined by difference, through subtracting the known NO content of the sample gas from the first stream.

2.2 FINE PARTICULATE MATTER (PM_{2.5})

Samples of fine particulate matter with a diameter less than 2.5 micron (PM_{2.5}) are collected using MetOne Instruments BAM-1020 Particulate Monitors. This instrument uses the principle of beta ray attenuation through a filter tape to provide an hourly determination of mass concentration on a continuous basis. Each hour, the instrument performs a cycle consisting of four steps in order to produce an average hourly PM_{2.5} concentration. Included in each cycle is an automatic calibration, which allows the instrument to provide highly accurate PM_{2.5} concentrations each hour. Descriptions of each of the steps in the cycle are described in detail in Appendix A2.

2.3 VOC SAMPLING

The method applied to collect samples of volatile organic compounds (VOCs) was the US EPA Compendium Method TO-15: *Determination of Volatile Organic Compounds (VOCs) In Air Collected In Specially-Prepared Canisters and Analysed by Gas Chromatography/Mass Spectrometry (GC/MS)*.

VOCs are collected in polished stainless steel canisters (summa canisters) over a set time period. For the purposes of this study, samples were collected over a period of 24-hours. Summa canisters are stainless steel vessels that have had their internal surfaces made chemically inert through an electro-polishing and chemical deactivation process. These 6L canisters hold a high vacuum (~28 “Hg), and ambient air is sampled by opening a valve which draws air into the canister. Before sampling, a flow controller is attached to the canister to control the rate at which air is drawn into the canister, such that sampling occurs evenly over the course of the desired time period. This method of VOC sampling requires that a field technician place the canister in the selected location and manually open and close the valve at the beginning and end of each sampling period.

Following sample collection, the canisters are shipped to a laboratory for analysis for benzene and acrolein. Results are reported on a 24-hour average basis.

2.4 ALDEHYDE SAMPLING

The method applied to collect samples of aldehydes was the US EPA Compendium Method TO-11A: *Determination of Formaldehyde in Ambient Air Using Adsorbent Cartridge Followed by High Performance Liquid Chromatography (HPLC)*. This method applies to the collection of formaldehyde, as well as other carbonyl compounds (aldehydes and ketones).

Samples of aldehydes are collected on sorbent tubes (glass tubes filled with material that easily absorb the target compounds), which meet the specifications of US EPA Method TO-11A for the determination of aldehydes in ambient air. These tubes are 6 mm OD x 110 mm long, and contain a 300 mg front sorbent section, and a 150 mg backup sorbent section. The sorbent is silica gel coated with 2,4-dinitrophenylhydrazine (DNPH). Ambient air is drawn through this sorbent tube by a personal pump at a flow rate of approximately 1 L/min for a period of 24-hours. This requires that a field technician calibrate the pump before and after each sampling period, and be present to switch the pump on and off.

After sampling, the tubes are sealed and kept refrigerated until they are packed in coolers and forwarded to the laboratory for analysis of formaldehyde and acetaldehyde.

2.3 MONITORING LOCATIONS

The DRIC team examined potential locations to site the monitoring stations within the Highway 3/Talbot Road/Huron Church corridor. In addition, suggested locations for each station were obtained from the DRIC Community Consultation Group (CCG). The final locations were selected based on the technical requirements / limitations of the available properties (i.e., site

access, power availability, trees) and permissions from the property owners. Both stations are located within 45 m of the edge of the roadway, along Huron Church / Highway 3.

The first station was deployed in an open field adjacent to the Ontario Public Health Laboratory (OPHL), which is located at 3400 Huron Church Rd. (between Cabana Rd. and Pulford St.). The second station is located adjacent to 2015 Talbot Road (Highway 3), which is on the south side of the road, opposite the main entrance to St. Clair College. Both locations experience significant traffic. In addition, the station at St. Clair College will experience the effects of idling traffic, as vehicles queue at the intersection. In addition, a traffic counting station on Huron Church Road, located in the St. Clair College area provide continuous traffic counts to correlate with the measurements. Figures 2.1 and 2.2 illustrate the approximate locations of each monitoring station.

Figure 2.1
Ontario Public Health Laboratory Air Monitoring Station Location



Figure 2.2
St. Clair College Air Monitoring Station Location



3.0 Monitoring Results and Discussion

3.1 MONITORING RESULTS TO DATE

The following section outlines the monitoring results by contaminant, for the period from October 1st, 2006 – March 31st, 2007, with a specific focus on the second quarter (beginning January 1st, 2007). A discussion of the results presented below appears in Section 3.4.

3.1.1 Nitrogen Oxides

Nitrogen oxides are emitted to the air from combustion processes, and are largely comprised of nitric oxide (NO) and nitrogen dioxide (NO₂). Major sources include the transportation sector, utilities and other processes that involve the combustion of fossil fuels.

Nitrogen dioxide is a reddish brown gas with a pungent odour, which transforms in the atmosphere to form nitric acid and nitrates. It also plays a major role in atmospheric reactions that produce ground level ozone, which is a major component of smog. Nitrogen dioxide reacts to form organic nitrates, which contribute to the formation of fine particulate (i.e. PM_{2.5}).

Atmospheric concentrations of NO_x were measured continuously at both monitoring sites and averaged on an hourly basis, calculated on the hour. The resulting hourly concentrations and daily average concentrations were compared to MOE Ambient Air Quality Criteria (AAQCs) of 400 µg/m³ and 200 µg/m³, respectively. These AAQCs are outlined in the MOE document *Summary of O.Reg. 419/05 Standards and Point of Impingement Guidelines and Ambient Air Quality Criteria* (MOE, 2005). A summary of the hourly and daily maximum, minimum and average values separated by each month in the sampling period to-date are presented in Tables 3.1 and 3.2, respectively.

Table 3.1
Hourly Max/Min/Average NO_x Concentrations by Month
(October 2006 – March 2007)

Monitoring Station	Month	MOE AAQC (µg/m ³)	Maximum Measured Concentration (µg/m ³)	Minimum Measured Concentration (µg/m ³)	Average Concentration (µg/m ³)
Ontario Public Health Laboratory	Oct. 2006	400	319	0	30
	Nov. 2006		265	4	44
	Dec. 2006		231	2	33
	Quarter #1		319	0	36
	Jan. 2007		216	3	36
	Feb. 2007		297	0	38
	Mar. 2007		209	1	24
	Quarter #2		297	0	32
St. Clair College	Oct. 2006	400	191	0	14
	Nov. 2006		345	0	34
	Dec. 2006		223	2	21
	Quarter #1		345	0	23
	Jan. 2007		115	3	22
	Feb. 2007		237	4	24
	Mar. 2007		225	1	24
	Quarter #2		237	1	23

Table 3.2
Daily Max/Min/Average NO_x Concentrations by Month
(October 2006 – March 2007)

Monitoring Station	Month	MOE AAQC (µg/m ³)	Maximum Measured Concentration (µg/m ³)	Minimum Measured Concentration (µg/m ³)	Average Concentration (µg/m ³)
Ontario Public Health Laboratory	Oct. 2006	200	101	2	30
	Nov. 2006		144	8	44
	Dec. 2006		118	9	33
	Quarter #1		144	2	36
	Jan. 2007		74	8	36
	Feb. 2007		117	3	38
	Mar. 2007		73	2	24
	Quarter #2		117	2	32
St. Clair College	Oct. 2006	200	56	1	14
	Nov. 2006		149	7	34
	Dec. 2006		66	5	21
	Quarter #1		149	1	23
	Jan. 2007		47	6	22
	Feb. 2007		64	8	24
	Mar. 2007		66	3	24
	Quarter #2		66	3	23

Tables 3.1 and 3.2 illustrate that maximum recorded hourly and daily averages are well within the AAQC values. The following figures present the entire data set for the sampling period thus far in graphical format, in order to show fluctuations in the NO_x concentrations over the period. Figure 3.1 shows the hourly maximums over the sampling period, and Figure 3.2 shows the daily averages. Refer to Appendix A1 for a tabular summary of all NO_x concentrations collected over the sampling period.

Figure 3.1
Hourly NO_x Concentrations (µg/m³)

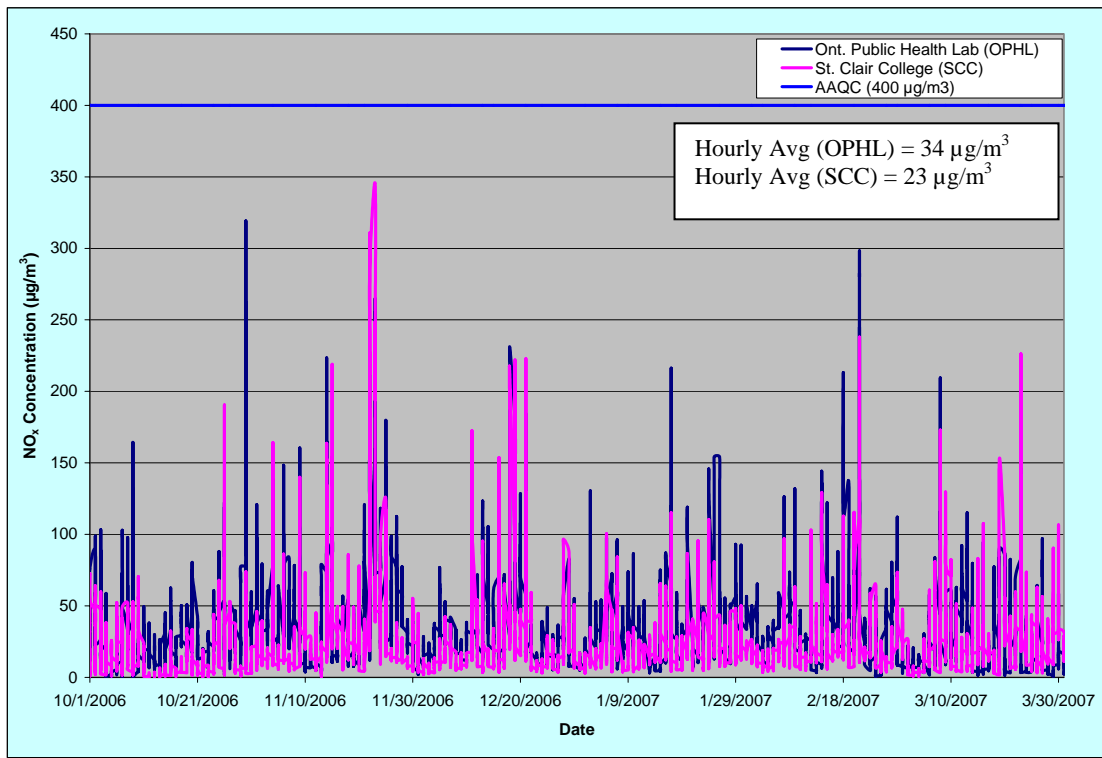
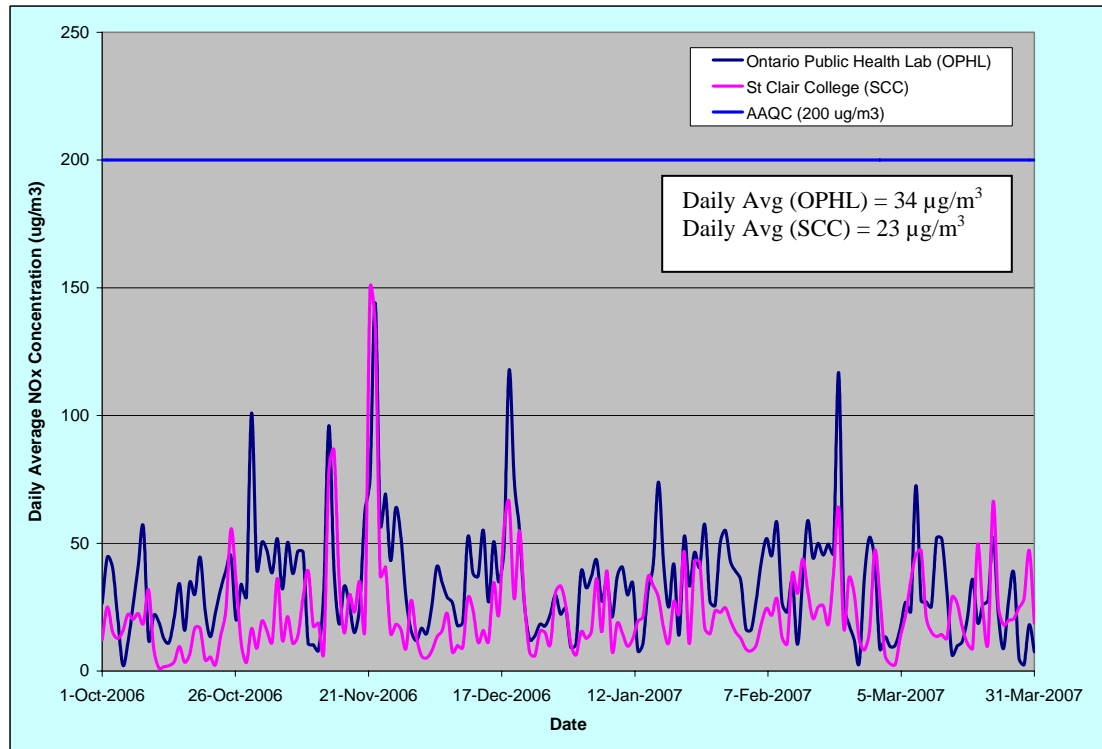


Figure 3.2
Daily Average NO_x Concentrations (µg/m³)



3.1.2 PM_{2.5}

Particulate matter includes aerosols, smoke, fumes, dust, flyash and pollen. Its composition varies with origin, residence time in the atmosphere, time of year and environmental conditions. Fine particulate matter may be emitted directly to the atmosphere through fuel combustion (e.g., motor vehicles, smelters, power plants, industrial facilities, residential fireplaces and wood stoves, agricultural burning and forest fires) or formed indirectly in the atmosphere through a series of complex chemical reactions (MOE, 2006).

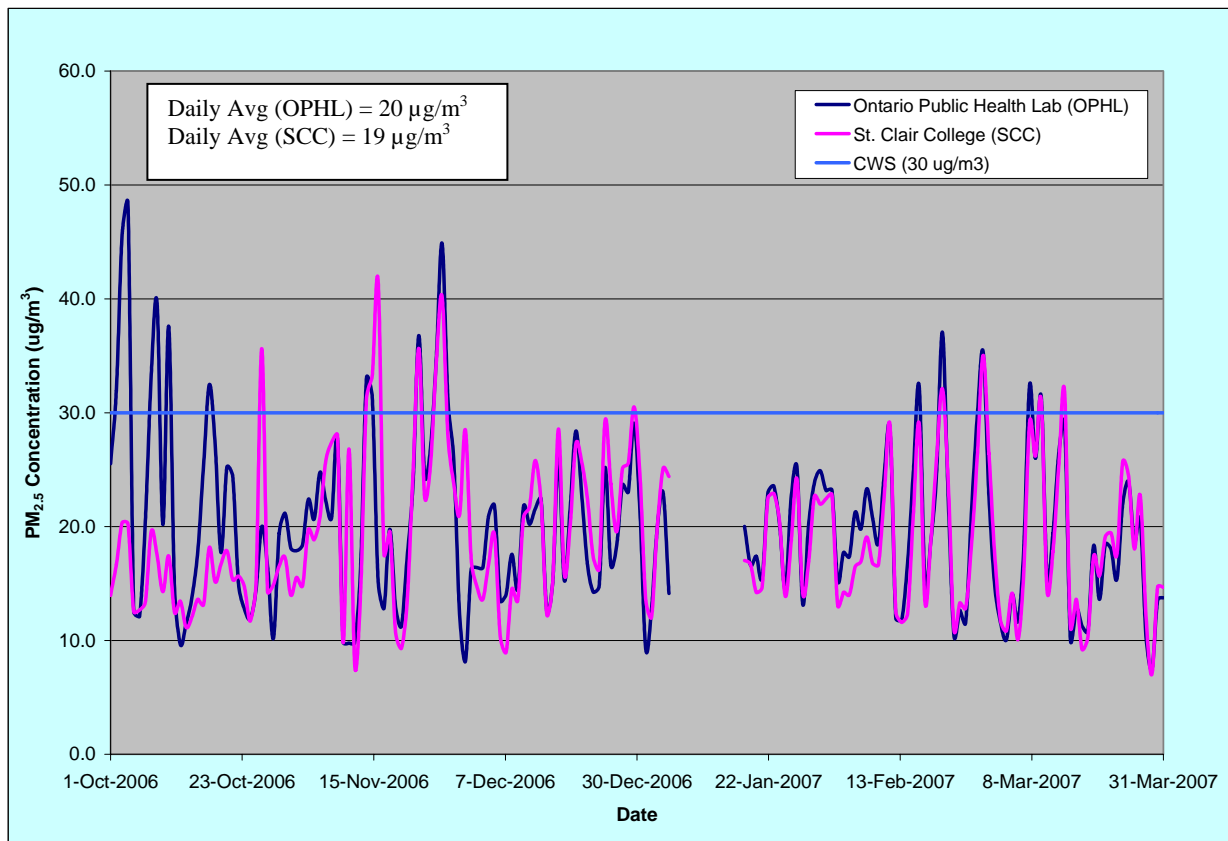
Ambient concentrations of PM_{2.5} were collected continuously at each of the monitoring stations as hourly averages, calculated on the hour. The 24-hr average concentration of PM_{2.5} for each day was compared to the proposed Canada Wide Standard (CWS) of 30 µg/m³. The CWS for PM_{2.5} will come into force in 2010, and achievement will be based on the 98th percentile annual ambient measurement, averaged over three consecutive years. A summary of the maximum, minimum, and average daily concentrations of PM_{2.5} separated by month over the entire sampling period thus-far are presented in Table 3.3

Table 3.3
Daily Max/Min/Average PM_{2.5} Concentrations by Month
(January – March 2007)

Monitoring Station	Month	CCME Canada Wide Standard (µg/m ³)	Maximum Measured Concentration (µg/m ³)	Minimum Measured Concentration (µg/m ³)	Average Concentration (µg/m ³)	# of Exceedances of CWS
Ontario Public Health Laboratory	Oct. 2006	30	48	10	22	7
	Nov. 2007		45	10	22	6
	Dec. 2006		29	8	19	0
	Quarter #1		48	8	21	13
	Jan. 2007		25	9	19	0
	Feb. 2007		37	10	21	3
	Mar. 2007		33	7	18	2
	Quarter #2		37	7	19	5
St. Clair College	Oct. 2006	30	36	11	16	1
	Nov. 2006		42	8	23	6
	Dec. 2006		31	9	20	1
	Quarter #1		42	8	20	8
	Jan. 2007		25	12	19	0
	Feb. 2007		35	11	19	2
	Mar. 2007		32	7	18	2
	Quarter #2		35	7	19	4

Figure 3.3 presents a graph illustrating the daily fluctuations in PM_{2.5} concentration over the entire sampling period, from October 1st, 2006 to March 31st, 2007. The figure shows a break in data between January 5th and January 17th, 2007. This was due to an instrument error at both stations, in which the filter tape reached the end of its length and thus no further concentrations could be recorded. This is described further in Section 4.3. Refer to Appendix A2 for a tabular summary of all PM_{2.5} concentrations collected over the sampling period.

Figure 3.3
Daily Average PM_{2.5} Concentrations (µg/m³)



3.1.3 Aldehydes

Ambient concentrations of formaldehyde and acetaldehyde were measured on an approximate 3-day cycle (twice per week) coinciding with the EC NAPS network 6-day schedule. The samples were collected by a trained field technician and sent to an accredited laboratory for analysis. The resulting concentrations were compared to the MOE 24-hr AAQCs of 65 µg/m³ for formaldehyde, and 500 µg/m³ for acetaldehyde. Table 3.4 summarizes the maximum, minimum and average daily concentrations of each aldehyde collected during the quarter and the entire period.

Table 3.4
Daily Max/Min/Average Concentrations of Aldehydes for the Quarter
(January – March 2007)

Monitoring Station	Contaminant	MOE 24-hr AAQC (µg/m ³)	Maximum Measured Concentration (µg/m ³)		Minimum Measured Concentration* (µg/m ³)		Average Concentration (µg/m ³)	
			Jan-Mar 2007 (Q2)	Sampling Period to-Date (Q1+Q2)	Jan-Mar 2007 (Q2)	Sampling Period to-Date (Q1+Q2)	Jan-Mar 2007 (Q2)	Sampling Period to-Date (Q1+Q2)
Ontario Public Health Laboratory	Acetaldehyde	500	1.2	2.4	0.6	0.3	0.8	1.0
	Formaldehyde	65	2.8	5.0	1.0	1.0	1.8	2.2
St. Clair College	Acetaldehyde	500	1.3	2.5	0.6	0.4	0.8	1.1
	Formaldehyde	65	3.2	5.7	0.9	0.8	1.7	2.4

*note: column includes detected concentrations – levels that were below the detection limit of the lab instrumentation were not included.

To put these results into perspective, Table 3.5 outlines historical results from the MOE Windsor monitoring station from the years 2003 and 2004.

Table 3.5
Max/Min/Average Concentrations of Aldehydes from MOE Windsor Station
(2003 – 2004)

Contaminant	Maximum Measured Concentration (µg/m ³)		Minimum Measured Concentration (µg/m ³)		Mean Concentration (µg/m ³)	
	2003	2004	2003	2004	2003	2004
Acetaldehyde	4.6	1.2	0.7	0.4	1.7	0.6
Formaldehyde	11.3	2.1	1.4	0.9	3.1	1.2

As can be seen in the tables, the average measurements at the DRIC monitoring stations for the sampling period thus far are less than the MOE measurements made in 2003, and greater than the MOE measurements made in 2004. The 2004 MOE values are somewhat lower than those in 2003.

3.1.4 Volatile Organic Compounds

Samples of VOCs were collected by a trained field technician on the same cycle as the aldehyde samples. The samples were collected in summa canisters and sent to an accredited laboratory for analysis. There are at present no MOE AAQCs for either acrolein or benzene. Instead, guideline limits from other jurisdictions or previous MOE AAQCs have been used as a measure of comparison. Table 3.6 outlines the maximum, minimum and average daily concentrations of each VOC for the quarter, as well as the guideline limits used for comparison.

Table 3.6
Daily Max/Min/Average Concentrations of VOCs for the Quarter
(January – March 2007)

Monitoring Station	Contaminant	Guideline Limit ($\mu\text{g}/\text{m}^3$)	Maximum Measured Concentration ($\mu\text{g}/\text{m}^3$)		Minimum Measured Concentration ($\mu\text{g}/\text{m}^3$)		Average Concentration ($\mu\text{g}/\text{m}^3$)	
			Jan-Mar 2007 (Q2)	Sampling Period To-Date (Q1+Q2)	Jan-Mar 2007 (Q2)	Sampling Period to-Date (Q1+Q2)	Jan-Mar 2007 (Q2)	Sampling Period to-Date (Q1+Q2)
Ontario Public Health Laboratory	Acrolein	9.6*	2.7	2.7	0.1	0.1	0.4	0.4
	Benzene	60 ⁺	1.8	1.8	0.3	0.3	0.6	0.6
St. Clair College	Acrolein	9.6*	1.5	1.5	0.1	0.1	0.3	0.4
	Benzene	60 ⁺	1.3	3.1	0.3	0.3	0.6	0.6

* - converted to 24-hr from 1-hr

+ - not a health-based limit

To put these results into perspective, Table 3.7 outlines the historical VOC results (2003 – 2004) from the MOE Windsor monitoring station. Note that the MOE concentrations have been calculated from data collected over an entire year, whereas the concentrations in Table 3.6 have been calculated from data collected over six months.

Table 3.7
Max/Min/Average Concentrations of VOCs from MOE Windsor Station
(2003 – 2004)

Contaminant	Maximum Measured Concentration (µg/m ³)		Minimum Measured Concentration (µg/m ³)		Mean Concentration (µg/m ³)	
	2003	2004	2003	2004	2003	2004
Acrolein	0.3	0.06	0.05	0.05	0.1	0.02
Benzene	6.3	6.3	0.6	0.4	1.7	1.8

The measured acrolein concentrations are higher on average than those measured previously at the MOE stations, while the measured benzene concentrations are lower.

3.2 METEOROLOGICAL DATA

Each of the two air monitoring stations are equipped with a fully functional meteorological station, which logs both 15-minute averages as well as 1-hour averages for outside temperature, relative humidity, wind direction and wind speed. The following sections summarize the meteorological data collected, and comparisons are made between the data set from the DRIC monitoring stations and other available data for the Windsor area.

3.2.1 Temperature

Table 3.8 summarizes temperature data from the second quarter of the ambient air monitoring program, as well as the period thus far. Temperature is an important parameter, since near the surface it controls the buoyant component of turbulence (vertical motion). Heat from the earth's surface warms the air near the ground causing it to rise, reaching a maximum in the early afternoon and a minimum near sunrise. This aids pollutant dispersion. The near-surface temperature also controls how fast the surface dries. If the temperature is low, the moisture on the surface of the ground may remain or freeze, effectively sealing the surface from wind erosion and thereby reducing re-suspension of surface dust. Conversely, high temperatures lead to dry conditions, which result in surface dust being suspended and/or generated as vehicles drive on roadways. This dust is generated through brake and tire wear, pavement degradation, etc.

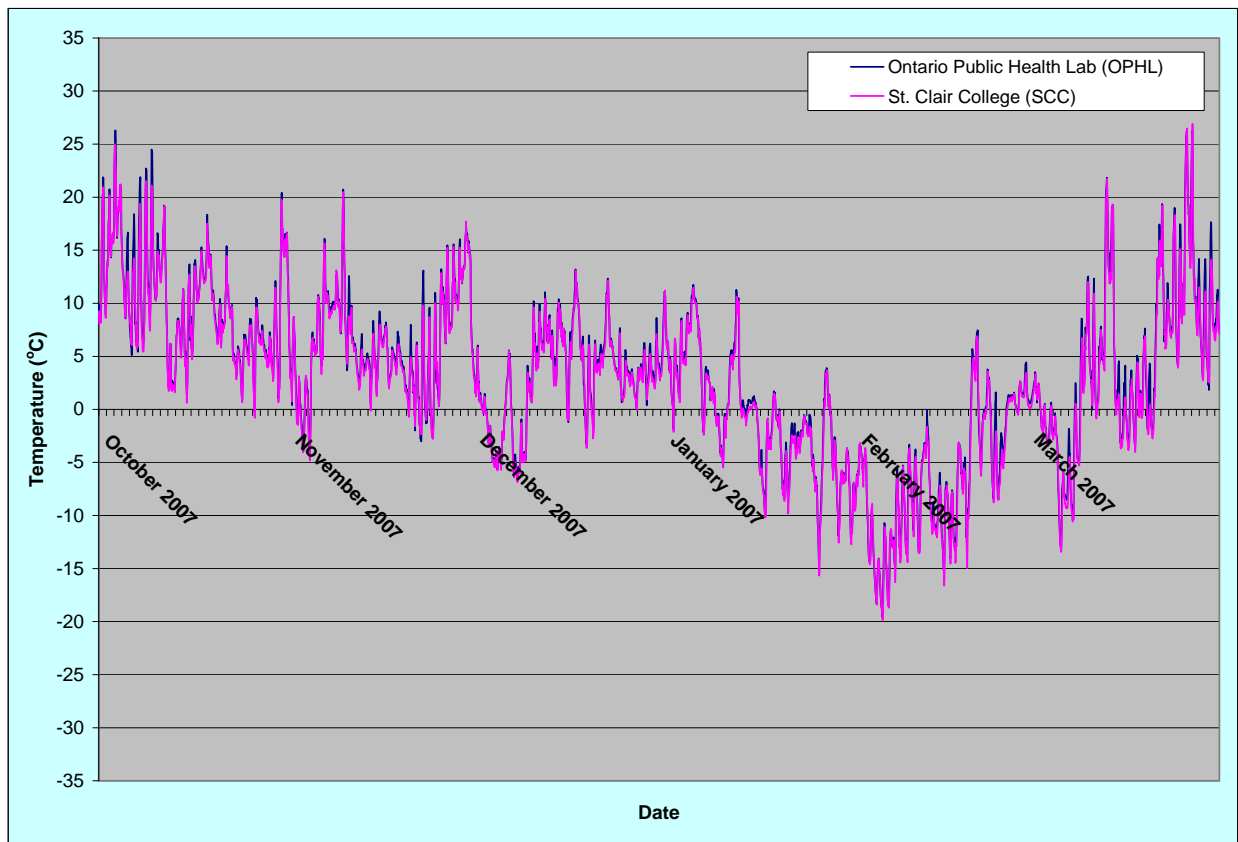
Table 3.8 outlines the maximum, minimum and average temperatures from the hourly data collected. The last row contains historical daily maximum, minimum and average temperatures from Environment Canada data, averaged over the years from 1971 through to 2000. According to this data, January 2007 and March 2007 were each warmer than typical, while February 2007 was cooler than typical. As such, particulate concentrations during January and March may be expected to be higher than usual for this time of year.

A graph of the entire set of temperature data is provided in Figure 3.4. This shows the fluctuations in temperature over the sampling period thus far. A full tabular summary of the meteorological data is provided in Appendix A3.

Table 3.8
Comparison of Temperature Data from Monitoring Stations to Local Normals

Data Set	January 2007			February 2007			March 2007			Sampling Period to-Date (Q1+Q2)		
	Max (°C)	Min (°C)	Avg (°C)	Max (°C)	Min (°C)	Avg (°C)	Max (°C)	Min (°C)	Avg (°C)	Max (°C)	Min (°C)	Avg (°C)
OPHL	11.8	-14.6	-0.6	7.5	-19.6	-6.4	26.3	-13.0	4.6	26.3	-19.6	3.0
SCC	11.5	-15.7	-1.0	6.9	-19.9	-6.8	26.9	-13.4	4.1	26.9	-19.9	2.6
EC 1971-2000	-0.9	-8.1	-4.5	0.6	-7.0	-3.2	6.4	-2.4	2.0	5.3	-2.5	1.4

Figure 3.4
Average Hourly Temperature for the Quarter



3.2.2 Wind Speed and Wind Direction

Wind is the most important meteorological parameter related to air contaminant dispersion. The concentrations of pollutants in air decrease with increasing wind speed as a result of dilution. When wind speeds are high, there is enhanced dispersion of gases and particles throughout the atmosphere, due to mechanical turbulence. However, there is also a greater potential for re-suspension of surface dust. When wind speeds are near zero (i.e. during calm conditions), reduced local circulation can lead to high pollutant concentrations near the surface due to very poor dispersion.

Wind roses for the OPHL location and the St. Clair College location are presented in Figure 3.5 and Figure 3.6, respectively. These figures display the predominant directions that the wind blew *from*, as well as the frequency of occurrence of each direction and wind speed category. These figures include a wind rose for the second quarter of sampling (a) and for the sampling period thus far (b).

Figure 3.5a
Ontario Public Health Laboratory Wind Rose for the Quarter

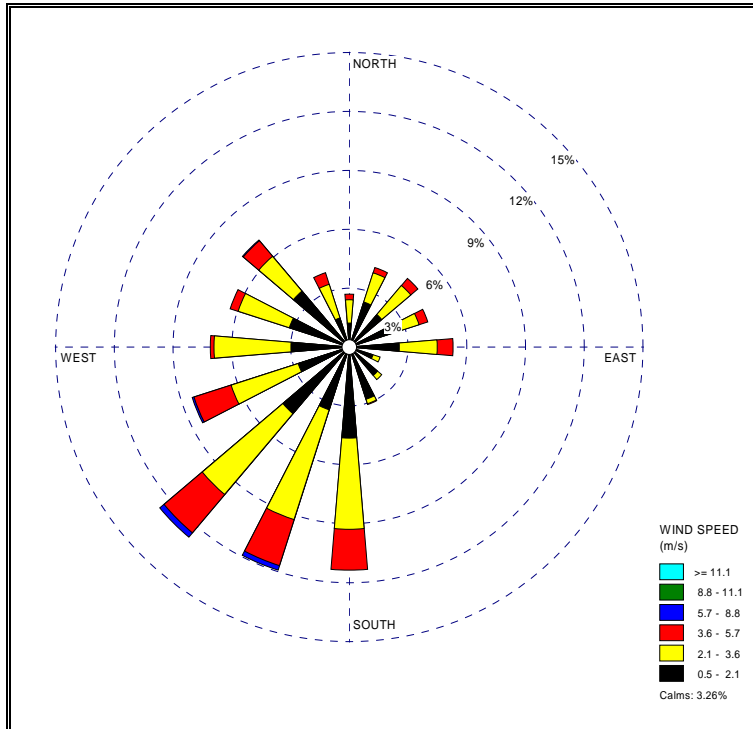


Figure 3.5b
Ontario Public Health Laboratory Wind Rose for the Period To-Date

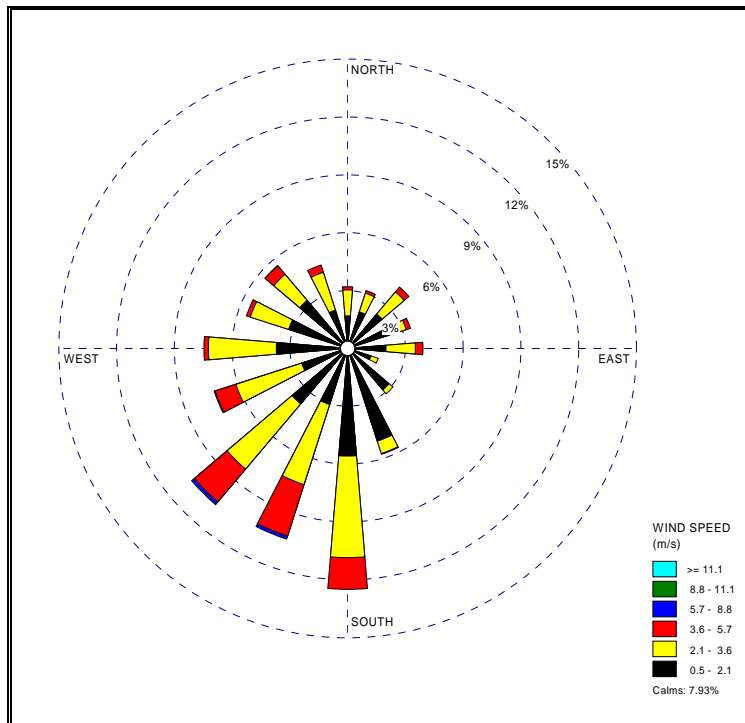


Figure 3.6a
St. Clair College Wind Rose for the Quarter

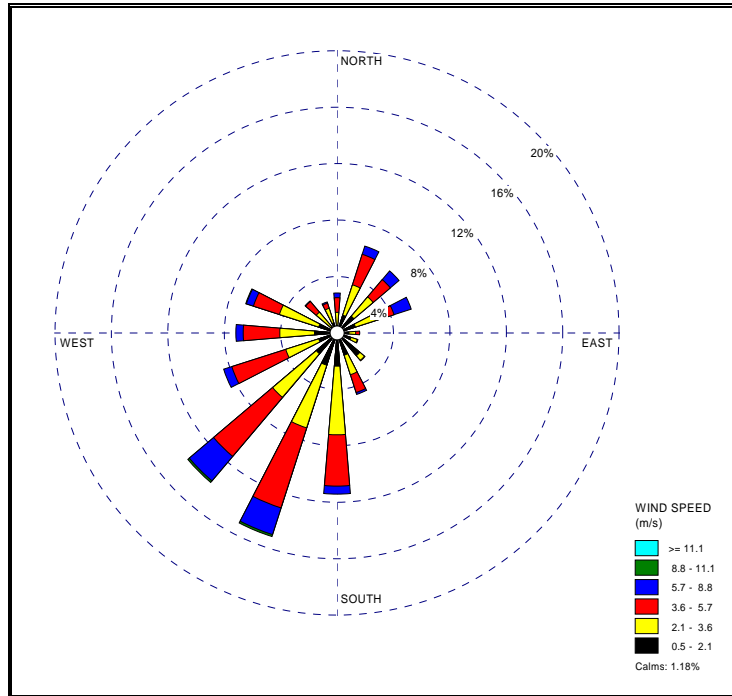
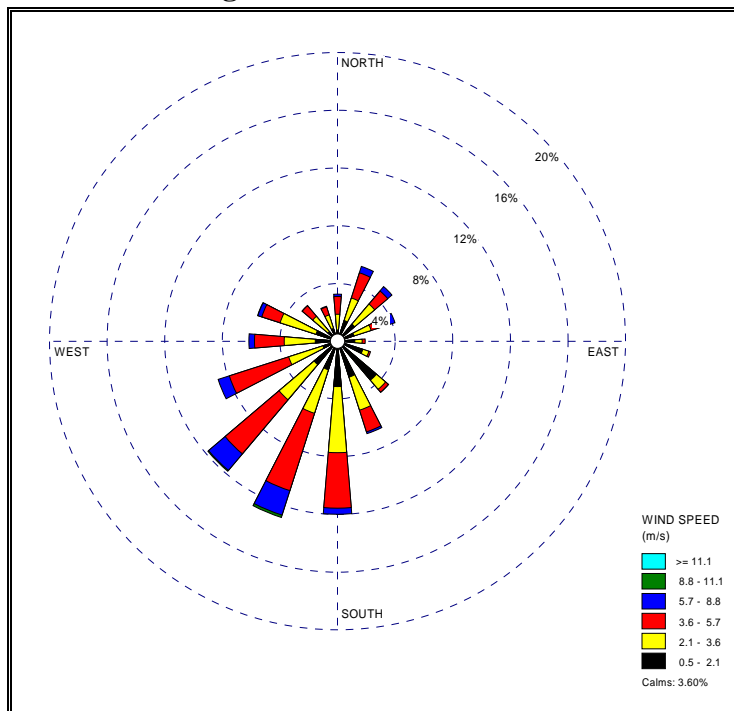


Figure 3.6b
St. Clair College Wind Rose for the Period To-Date



During the first quarter, winds were most frequently from the south at both locations. The wind roses for each monitoring station for the second quarter show that south-westerly and south-south-westerly winds are the most frequent during the winter months. As with the first quarter of monitoring, winds were generally stronger (i.e., higher speeds) at the St. Clair College location, as it is more exposed than the OPHL location. The objective of the meteorological monitoring was to determine the local wind patterns, in order to help interpret the monitoring results.

Figure 3.7 presents the wind rose data from the Environment Canada meteorological station at the Windsor Airport for purposes of comparison. Figure 3.7 shows that the wind behaviour at the airport is similar to the above wind roses, in that there is a strong contribution to from the south-west. The winds at the airport are much stronger than detected at the monitoring stations. The wind rose from the airport shows a strong westerly wind component, which is not prevalent at either of the DRIC monitoring stations. The monitoring stations each have a strong southerly component that is not prevalent at the airport. This comparison illustrates that the wind patterns in the area of the air monitoring stations are influenced by local effects (such as channelling due to the presence of the Huron Church/Highway 3 corridor) and are slightly different than the broader wind patterns of the area.

Figure 3.7a
Windsor Airport Wind Rose for the Quarter

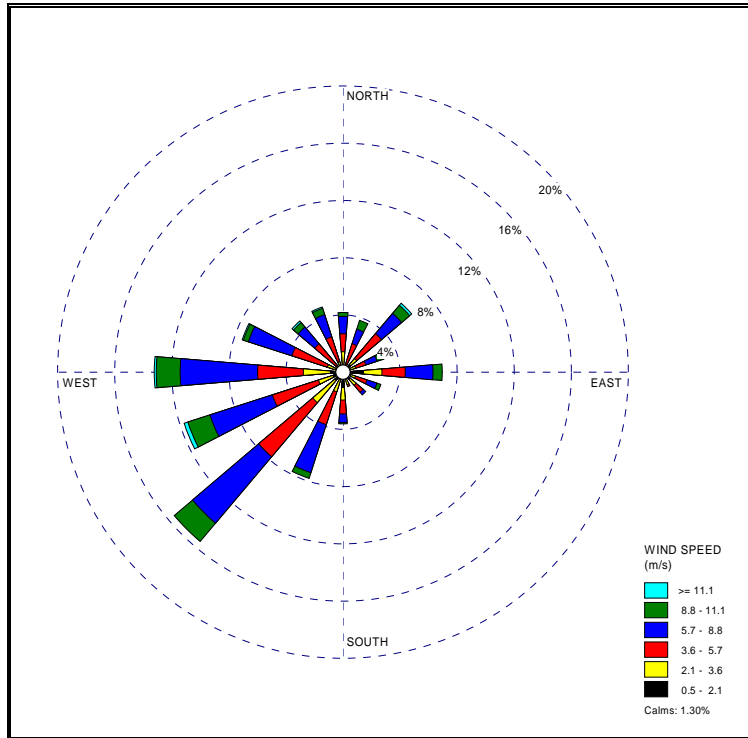
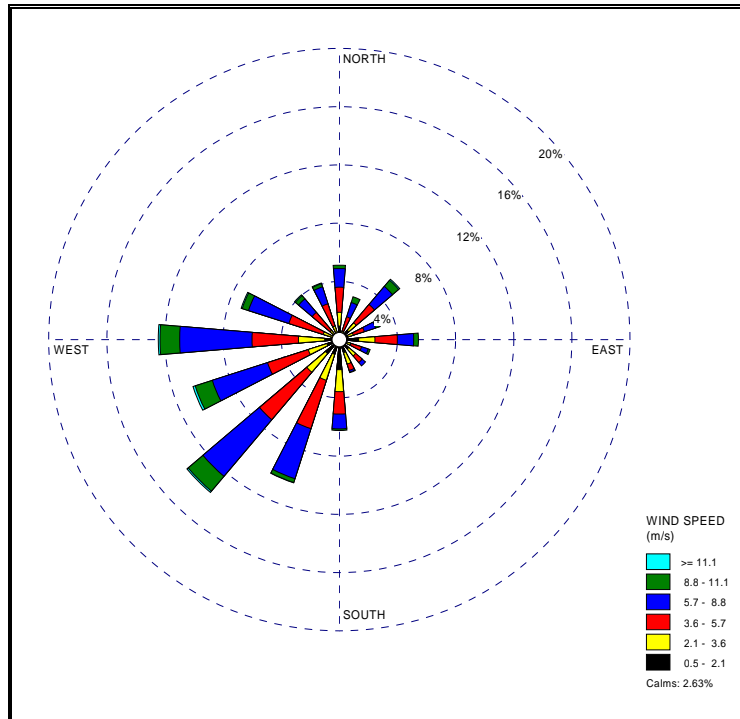


Figure 3.7b
Windsor Airport Wind Rose for the Period To-Date



3.3 TRAFFIC DATA

Information on the quantity and type of vehicle traffic travelling along Huron Church Road in the area of the air monitoring stations was provided to SENES by URS Canada via MTO to correlate with the monitoring results. The hourly maximum, minimum, and average traffic counts for the entire quarter are summarized in Table 3.9 for each vehicle type (car, short truck, long truck). The daily maximum, minimum, and average counts appear in Table 3.10. The same information separated by month is included in Table 3.11 and Table 3.12, respectively. Figure 3.8 illustrates the daily totals for cars and trucks over the course of the quarter. Refer to Appendix A4 for a tabular summary of all traffic data used in the study.

Table 3.9
Hourly Max/Min/Average Traffic Counts for the Quarter and Period

Vehicle Type	Maximum (#)		Minimum (#)		Average (#)	
	Jan-Mar 2007 (Q2)	Sampling Period to-Date (Q1+Q2)	Jan-Mar 2007 (Q2)	Sampling Period to-Date (Q1+Q2)	Jan-Mar 2007 (Q2)	Sampling Period to-Date (Q1+Q2)
Car	1,500	1,746	21	21	623	655
Short Truck	101	121	0	0	30	31
Long Truck	573	603	13	7	295	285

Table 3.10
Daily Max/Min/Average Traffic Counts for the Quarter and Period

Vehicle Type	Maximum (#)		Minimum (#)		Average (#)	
	Jan-Mar 2007 (Q2)	Sampling Period to-Date (Q1+Q2)	Jan-Mar 2007 (Q2)	Sampling Period to-Date (Q1+Q2)	Jan-Mar 2007 (Q2)	Sampling Period to-Date (Q1+Q2)
Car	18,600	21,299	6,579	6,579	14,966	15,721
Short Truck	1,034	1,355	144	79	722	742
Long Truck	9,689	9,924	2,441	698	7,085	6,827

Table 3.11
Hourly Max/Min/Average Traffic Counts by Month

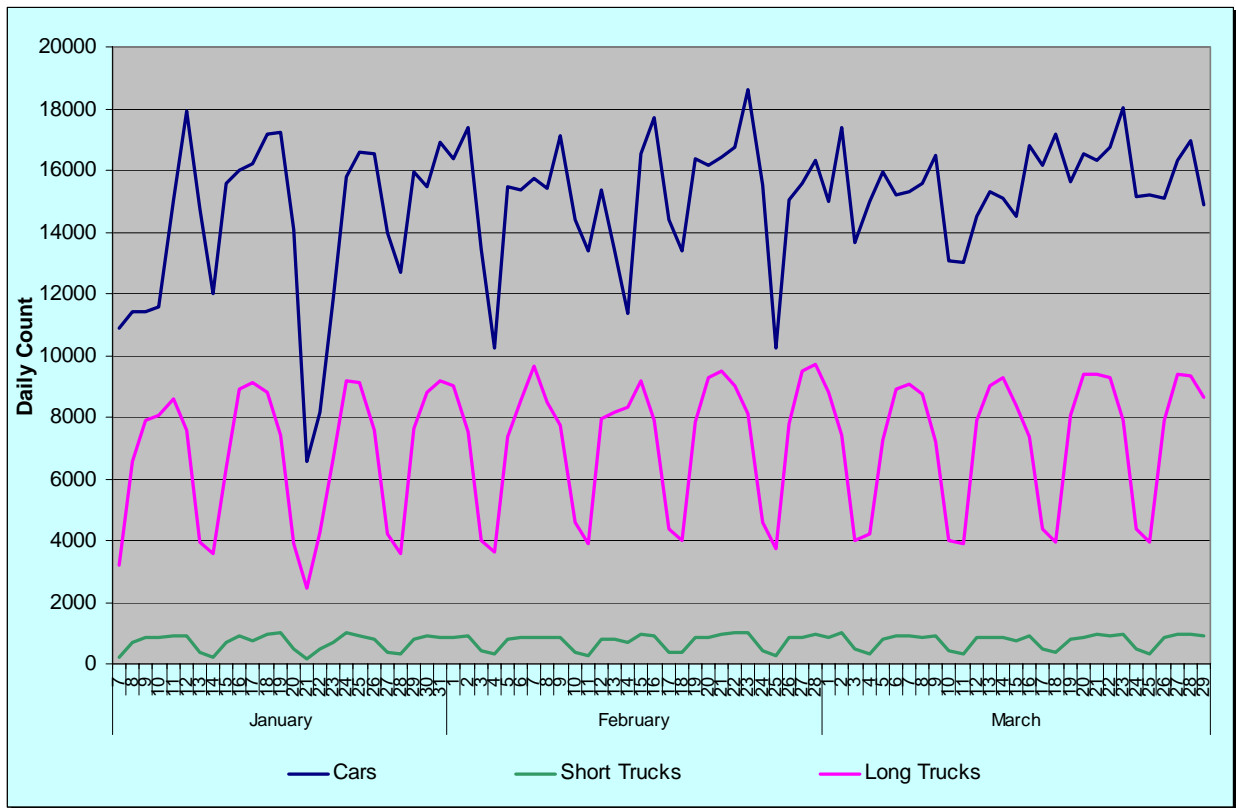
Vehicle Type	January 2007			February 2007			March 2007			Sampling Period to-Date (Q1+Q2)		
	Max (#)	Min (#)	Avg (#)	Max (#)	Min (#)	Avg (#)	Max (#)	Min (#)	Avg (#)	Max (#)	Min (#)	Avg (#)
Car	1,500	21	583	1,466	35	631	1,500	39	650	1,746	21	655
Short Truck	101	0	28	98	0	31	94	1	31	121	0	31
Long Truck	551	13	274	573	30	303	560	38	304	603	7	285

Table 3.12
Daily Max/Min/Average Traffic Counts by Month

Vehicle Type	January 2007			February 2007			March 2007			Sampling Period to-Date (Q1+Q2)		
	Max (#)	Min (#)	Avg (#)	Max (#)	Min (#)	Avg (#)	Max (#)	Min (#)	Avg (#)	Max (#)	Min (#)	Avg (#)
Car	17,899	6,579	14,070	18,600	10,262	15,124	18,008	13,016	15,586	21,299	6,579	15,721
Short Truck	1,022	144	683	1,034	253	731	1,025	307	746	1,355	79	742
Long Truck	9,175	2,441	6,660	9,689	3,618	7,259	9,385	3,891	7,283	9,924	698	6,827

Car traffic and short truck traffic decreased compared to the first quarter of monitoring. Long truck traffic increased on average.

Figure 3.8
Daily Traffic Count Totals (January to March, 2007)



As can be seen in Figure 3.8, there are weekly variations in traffic volumes, but the weekday daily maximum levels are relatively constant. The troughs in the daily total truck traffic data series represent the weekend days, in which less trucks are travelling to and from the border crossing.

3.4 DISCUSSION OF RESULTS

The following sections include a discussion of the results for each contaminant presented in Section 3.1.

3.4.1 Nitrogen Oxides

Ambient concentrations of NO_x were collected over the course of the sampling period as hourly averages. There were no measured exceedances of either the 1-hr AAQC of 400 µg/m³, or the 24-hr AAQC of 200 µg/m³ for NO_x. The highest measured hourly average NO_x concentration during the second quarter was 297 µg/m³, or 74% of the AAQC. The highest measured daily average NO_x concentration was 117 µg/m³, or 59% of the AAQC. Both of these were at the Ontario Public Health Laboratory location.

The highest measured hourly average NO_x concentration detected thus far in the sampling period (i.e., since October 1st, 2006) was 345 µg/m³ (86% of the AAQC), and the highest daily average concentration was 149 µg/m³ (75% of the AAQC). Both of these were detected at the St. Clair College location in the previous quarter.

3.4.2 PM_{2.5}

In total, there were 90 sampling days during the second quarter of sampling. The ambient concentrations of PM_{2.5} at each station were comparable to those measured in the past three years (2003 – 2005) at the two MOE monitoring stations located in west Windsor, and the downtown area, respectively. Ambient concentrations exceeded the 24-hr CWS of 30 µg/m³ a total of 5 times at the OPHL location, and 4 times at the St. Clair College location during the second quarter. The maximum number of exceedances of the CWS at the MOE stations in the years 2003 – 2005 was 11 and 12 at the Windsor West and Windsor Downtown stations, respectively. Exceedances of PM_{2.5} may be due to any number of local influences, which may include (but may not be limited to):

- Traffic along the Huron Church/Highway 3 corridor;
- Upwind transboundary sources in the United States;
- Local industrial sources; and/or
- Any other local occurrences that may have resulted in the release of fine particulate matter (i.e. fires, construction activities, etc.)

Ambient concentrations of PM_{2.5}, when considered over the course of the entire sampling period thus far (i.e., since October 1st, 2006), have exceeded the 24-hr CWS of 30 µg/m³ a total of 18 times at the OPHL location, and 12 times at the St. Clair College location. Since this includes only 6 months of monitoring, not including smog season (May – Sept/Oct), more exceedance days are expected.

As outlined in the introduction to this report, the purpose of this monitoring is to obtain a set of baseline air quality data along the Huron Church/Highway 3 corridor, which will be used in an air dispersion modelling assessment. This model will use the baseline data and associated meteorological data to determine the influence of traffic on local concentrations of fine particulate matter, and the extent that other local and transboundary sources may be contributing.

3.4.3 Aldehydes

There were no measured exceedances of the MOE AAQCs for formaldehyde or acetaldehyde during the sampling period. Concentrations of each were well within their respective criteria at both locations. The maximum concentration of each contaminant as a percentage of their respective MOE AAQCs at the Ontario Public Health Laboratory were 0.24% for acetaldehyde, and 4.3% for formaldehyde. At the St. Clair College location, the maximums were 0.26% for acetaldehyde and 4.9% for formaldehyde.

3.4.4 Volatile Organic Compounds

There were no exceedances of the acrolein guideline limit during the sampling period. As with the aldehydes, the concentrations of each of these contaminants were well within their respective standards. At the Ontario Public Health Laboratory, the concentration of benzene reached a maximum of 3.0% of the guideline limit of 60 $\mu\text{g}/\text{m}^3$, while the maximum concentration of acrolein was 28.1% of the guideline limit of 9.6 $\mu\text{g}/\text{m}^3$. The maximum concentrations of benzene and acrolein as percentages of the guidelines at the St. Clair College location were 2.2% and 15.6%, respectively.

4.0 Quality Assurance / Quality Control

4.1 VALIDITY OF DATA

For each of the contaminants being monitored, measures were taken to ensure that the data collected would be valid and representative. These measures included regular calibration of the equipment where applicable, as well as proper usage and handling of sampling media. SENES staff visited the stations approximately every 2 weeks to perform routine maintenance and calibrations.

The NO_x analysers were calibrated during every visit to the monitoring stations by SENES personnel. Tanks of zero gas (compressed air) and calibration gas (NO) located on-site were used to set the zero and span of the analysers to ensure that the data recorded was accurate. In addition to this, the units automatically check the zero and span daily.

The BAM units are self-calibrating, and therefore no ongoing calibrations measures were necessary. However, the filter tapes must be changed on occasion, as they run out. This was performed twice at each station.

Part of the procedure for collecting samples of aldehydes was to calibrate the pump before and after each sampling period. Also recorded during calibration was the rotometer reading on the pump itself. When the pump was turned on to commence sampling, and turned off at the end of the sampling period, the rotometer readings were compared to the readings during calibration to ensure that the flow rates gathered from calibration were valid to use to calculate the total volume of air sampled.

Another measure taken to ensure valid samples of aldehydes was through sealing of the cartridges and storage of the sampling media in the refrigerator, both before usage and after sampling until ready for shipment. Samples were shipped to the laboratory with an ice-pack, in order to keep the samples at sub-ambient temperature.

In order to ensure validity of the VOC samples, procedures were implemented to ensure that the valve on each canister did not leak, and that the sample was completed before all vacuum pressure was lost (i.e., before registering 0 "Hg on the gauge).

4.2 OUTLIERS

Despite making the efforts outlined in Section 4.1 to ensure data quality, there were occasional erroneous readings from the continuous monitors that were removed before processing. The BAM outputs a reading of 999 µg/m³ when there is an error. These were removed from the data

set. During the first quarter, there were instances in which a repeated number was output for a number of consecutive hours, due to the filter tape getting stuck in place. In one instance this occurred for 19 hours. It is highly unlikely that the hourly ambient concentration would be the same to two decimal places for such a period, and thus the data was removed for 18 of the 19 hours. Early in the second quarter, each of the BAM units experienced a filter tape error, where the roll of filter tape ran out and the unit continued to output data until it was replaced. The errors began on January 5th (OPHL) and January 6th (SCC), and were rectified during the next site visit on January 17th. The units output the same concentration repeatedly until the units were in working order again. These repeated concentrations were removed from the data set.

The only NO_x data that was considered to be outlier data was for low concentrations that were recorded as negative values. This indicated that the analyser was in need of re-zeroing, which was part of the regular calibration procedure. Negative values were rare as the units were calibrated and zeroed on a regular basis. Since October 1st, 2006 a total of 23 and 45 negative hourly concentrations were removed from the data set at the OPHL and St. Clair College locations, respectively. All of the outliers occurred during the first quarter – the entire second quarter data set was considered valid.

4.3 MOE AUDIT OF MONITORING STATIONS

On February 21st, 2007, a Senior Environmental Officer (Air) from the MOE London District Office (Technical Services) visited the two air monitoring stations in order to audit the equipment performance and procedures. The Officer inspected the equipment, and observed the VOC and aldehyde sample set-up, as well as a NO_x analyser calibration. All sampling and QA/QC procedures were approved in a memorandum forwarded to SENES and MTO on February 26th, 2007. No recommendations for improvement were suggested.

5.0 Findings to Date

Two air monitoring stations were strategically set up on either side of the existing Huron Church/Highway 3 corridor in Windsor, Ontario in order to monitor traffic related airborne contaminants that would be expected in the corridor. The information from this monitoring program will be used to establish current baseline conditions in the area for use in the air modelling portion of the Environmental Assessment associated with the Detroit River International Crossing project. Data on ambient concentrations of nitrogen oxides, fine particulate matter, VOCs, aldehydes, and local meteorology were collected beginning on October 1st, 2006 and monitoring will continue until the end of September 2007. This report includes the results of the monitoring program for the second quarter of sampling (from January 1st, 2007 to March 31st, 2006). The main findings to date are as follows:

- There were no measured exceedances of the MOE AAQCs (1-hr and 24-hr) for NO_x at either station during the second quarter of sampling;
- The average NO_x concentrations at each of the monitoring stations remained relatively unchanged since the end of the first quarter;
- There were no measured exceedances of the guideline limits for either of the VOCs (acrolein, benzene) that were included in the monitoring program at any point during the second quarter of sampling;
- There were no exceedances of the MOE AAQCs for either of the aldehydes (acetaldehyde, formaldehyde) that were included in the monitoring program at any point during the second quarter of sampling;
- The proposed Canada Wide Standard (24-hr) for PM_{2.5} was exceeded at both stations (5 days at OPHL and 4 days at St. Clair College), bringing the total thus far in the sampling period to 18 exceedance days at OPHL and 12 at St. Clair College. This may be attributed to any number of local or transboundary sources. The results of the air dispersion modelling which is currently underway will clarify the actual impact of traffic on local concentrations;
- The average 24-hr PM_{2.5} concentration at each monitoring station for the period thus far remained relatively unchanged since the end of the first quarter;
- Average daily car and short truck traffic volumes for the second quarter decreased when compared to daily average volumes from the first quarter. The percentage decrease in daily average volumes of cars and short trucks from the end of the first quarter to the end of the second quarter were approximately 8.7% and 5.1%, respectively. Average daily long truck traffic volumes increased by approximately 7.4%.

6.0 References

Ontario Ministry of the Environment. *Air Quality in Ontario – 2005 Report*. Queen's Printer, 2006.

Ontario Ministry of the Environment. *Transboundary Air Pollution in Ontario*. Queen's Printer, June 2005.

Appendix A1

Record of NO_x Measurements

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/1/2007 0:00	8.7	6.1
1/1/2007 1:00	8.3	6.0
1/1/2007 2:00	3.4	3.1
1/1/2007 3:00	3.3	4.0
1/1/2007 4:00	3.9	3.0
1/1/2007 5:00	5.4	3.7
1/1/2007 6:00	5.3	4.3
1/1/2007 7:00	5.7	4.6
1/1/2007 8:00	5.3	4.2
1/1/2007 9:00	9.1	5.2
1/1/2007 10:00	11.0	5.9
1/1/2007 11:00	11.2	5.5
1/1/2007 12:00	9.1	3.9
1/1/2007 13:00	7.2	3.3
1/1/2007 14:00	12.0	3.7
1/1/2007 15:00	10.9	4.5
1/1/2007 16:00	13.4	5.6
1/1/2007 17:00	20.1	6.5
1/1/2007 18:00	19.9	8.6
1/1/2007 19:00	27.5	17.2
1/1/2007 20:00	17.1	12.9
1/1/2007 21:00	13.1	9.2
1/1/2007 22:00	9.3	7.6
1/1/2007 23:00	12.6	10.7
1/2/2007 0:00	19.5	16.1
1/2/2007 1:00	13.1	14.0
1/2/2007 2:00	14.4	15.4
1/2/2007 3:00	16.4	17.6
1/2/2007 4:00	18.7	17.7
1/2/2007 5:00	19.5	16.7
1/2/2007 6:00	32.2	21.9
1/2/2007 7:00	56.4	24.1
1/2/2007 8:00	67.0	27.8
1/2/2007 9:00	130.4	34.7
1/2/2007 10:00	63.6	26.2
1/2/2007 11:00	48.6	19.7
1/2/2007 12:00	38.2	14.6
1/2/2007 13:00	32.8	10.9
1/2/2007 14:00	29.6	8.6
1/2/2007 15:00	25.3	9.1
1/2/2007 16:00	27.5	11.4
1/2/2007 17:00	37.4	8.6
1/2/2007 18:00	40.6	8.7
1/2/2007 19:00	59.4	8.9

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/2/2007 20:00	49.1	7.0
1/2/2007 21:00	35.9	7.6
1/2/2007 22:00	29.6	10.3
1/2/2007 23:00	29.7	11.1
1/3/2007 0:00	27.5	13.3
1/3/2007 1:00	20.4	6.8
1/3/2007 2:00	16.4	7.0
1/3/2007 3:00	17.8	7.1
1/3/2007 4:00	22.5	7.3
1/3/2007 5:00	24.0	5.9
1/3/2007 6:00	26.1	6.9
1/3/2007 7:00	29.6	9.3
1/3/2007 8:00	36.9	12.3
1/3/2007 9:00	34.8	13.7
1/3/2007 10:00	31.5	20.1
1/3/2007 11:00	28.1	18.9
1/3/2007 12:00	29.9	12.5
1/3/2007 13:00	29.1	12.0
1/3/2007 14:00	26.7	11.6
1/3/2007 15:00	30.0	11.8
1/3/2007 16:00	31.5	13.7
1/3/2007 17:00	41.5	14.4
1/3/2007 18:00	44.9	14.7
1/3/2007 19:00	50.5	17.4
1/3/2007 20:00	52.9	19.3
1/3/2007 21:00	46.8	15.6
1/3/2007 22:00	41.6	17.3
1/3/2007 23:00	39.8	17.4
1/4/2007 0:00	32.9	13.2
1/4/2007 1:00	34.0	16.8
1/4/2007 2:00	35.7	20.7
1/4/2007 3:00	34.6	23.6
1/4/2007 4:00	38.0	23.4
1/4/2007 5:00	37.7	18.7
1/4/2007 6:00	24.2	13.1
1/4/2007 7:00	33.2	11.1
1/4/2007 8:00	41.2	12.2
1/4/2007 9:00	36.7	12.5
1/4/2007 10:00	33.2	14.1
1/4/2007 11:00	35.3	15.7
1/4/2007 12:00	36.8	17.3
1/4/2007 13:00	37.8	16.1
1/4/2007 14:00	32.9	14.8
1/4/2007 15:00	33.3	13.9

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/4/2007 16:00	36.9	15.7
1/4/2007 17:00	44.8	14.8
1/4/2007 18:00	47.5	16.8
1/4/2007 19:00	38.9	17.6
1/4/2007 20:00	31.1	15.1
1/4/2007 21:00	45.8	16.6
1/4/2007 22:00	53.7	12.3
1/4/2007 23:00	35.3	9.6
1/5/2007 0:00	29.7	6.9
1/5/2007 1:00	34.4	64.8
1/5/2007 2:00	34.1	71.0
1/5/2007 3:00	59.8	30.4
1/5/2007 4:00	37.7	13.5
1/5/2007 5:00	24.7	11.4
1/5/2007 6:00	26.0	12.3
1/5/2007 7:00	27.2	9.8
1/5/2007 8:00	34.7	13.4
1/5/2007 9:00	52.7	14.2
1/5/2007 10:00	46.1	12.9
1/5/2007 11:00	47.7	9.2
1/5/2007 12:00	40.3	9.8
1/5/2007 13:00	52.8	9.9
1/5/2007 14:00	54.7	16.0
1/5/2007 15:00	50.1	13.4
1/5/2007 16:00	25.7	15.4
1/5/2007 17:00	36.3	39.3
1/5/2007 18:00	51.2	88.2
1/5/2007 19:00	57.6	95.2
1/5/2007 20:00	97.5	100.2
1/5/2007 21:00	52.1	86.9
1/5/2007 22:00	40.8	56.9
1/5/2007 23:00	28.6	68.0
1/6/2007 0:00	47.2	62.9
1/6/2007 1:00	70.8	45.1
1/6/2007 2:00	66.9	33.2
1/6/2007 3:00	72.0	47.3
1/6/2007 4:00	30.6	29.2
1/6/2007 5:00	19.6	10.9
1/6/2007 6:00	16.8	7.5
1/6/2007 7:00	16.7	8.3
1/6/2007 8:00	13.3	7.6
1/6/2007 9:00	21.7	8.6
1/6/2007 10:00	18.0	6.9
1/6/2007 11:00	30.7	11.3

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/6/2007 12:00	25.1	21.7
1/6/2007 13:00	19.3	6.8
1/6/2007 14:00	15.2	3.9
1/6/2007 15:00	19.6	5.7
1/6/2007 16:00	16.0	4.1
1/6/2007 17:00	17.4	4.1
1/6/2007 18:00	15.9	6.1
1/6/2007 19:00	18.1	8.9
1/6/2007 20:00	17.9	6.3
1/6/2007 21:00	20.9	6.6
1/6/2007 22:00	18.7	8.3
1/6/2007 23:00	29.0	8.4
1/7/2007 0:00	39.0	20.2
1/7/2007 1:00	59.7	21.2
1/7/2007 2:00	49.3	45.9
1/7/2007 3:00	42.4	64.0
1/7/2007 4:00	96.2	52.5
1/7/2007 5:00	43.8	84.2
1/7/2007 6:00	85.3	84.0
1/7/2007 7:00	48.9	62.7
1/7/2007 8:00	95.0	39.8
1/7/2007 9:00	53.8	43.3
1/7/2007 10:00	53.6	39.7
1/7/2007 11:00	26.7	40.5
1/7/2007 12:00	20.9	18.6
1/7/2007 13:00	18.7	16.7
1/7/2007 14:00	13.2	12.5
1/7/2007 15:00	11.9	28.3
1/7/2007 16:00	14.0	33.3
1/7/2007 17:00	13.9	37.8
1/7/2007 18:00	13.5	39.2
1/7/2007 19:00	12.9	37.4
1/7/2007 20:00	9.8	33.2
1/7/2007 21:00	5.9	25.6
1/7/2007 22:00	6.1	29.0
1/7/2007 23:00	6.1	30.7
1/8/2007 0:00	6.3	32.3
1/8/2007 1:00	34.6	7.7
1/8/2007 2:00	25.3	5.7
1/8/2007 3:00	17.4	11.0
1/8/2007 4:00	12.2	8.4
1/8/2007 5:00	12.0	8.1
1/8/2007 6:00	14.4	6.0
1/8/2007 7:00	13.9	5.5

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/8/2007 8:00	13.6	8.3
1/8/2007 9:00	17.6	4.7
1/8/2007 10:00	16.0	3.8
1/8/2007 11:00	22.1	4.1
1/8/2007 12:00	20.9	5.9
1/8/2007 13:00	19.6	5.3
1/8/2007 14:00	20.6	5.0
1/8/2007 15:00		4.0
1/8/2007 16:00		4.2
1/8/2007 17:00	12.6	5.2
1/8/2007 18:00	31.6	8.6
1/8/2007 19:00	42.2	11.3
1/8/2007 20:00	49.5	11.3
1/8/2007 21:00	37.9	6.2
1/8/2007 22:00	27.8	6.2
1/8/2007 23:00	27.1	6.1
1/9/2007 0:00	25.2	5.1
1/9/2007 1:00	18.5	5.1
1/9/2007 2:00	26.0	6.7
1/9/2007 3:00	20.2	7.8
1/9/2007 4:00	23.8	7.0
1/9/2007 5:00	23.3	7.6
1/9/2007 6:00	41.7	9.0
1/9/2007 7:00	64.2	29.9
1/9/2007 8:00	68.6	31.6
1/9/2007 9:00	73.6	24.7
1/9/2007 10:00	59.7	25.1
1/9/2007 11:00	33.0	29.1
1/9/2007 12:00	28.6	29.9
1/9/2007 13:00	31.2	21.9
1/9/2007 14:00	34.1	19.0
1/9/2007 15:00	37.1	21.9
1/9/2007 16:00	36.7	25.4
1/9/2007 17:00	35.9	19.3
1/9/2007 18:00	43.1	16.5
1/9/2007 19:00	41.3	15.4
1/9/2007 20:00	34.7	24.7
1/9/2007 21:00	26.3	22.2
1/9/2007 22:00	28.4	24.1
1/9/2007 23:00	29.4	20.9
1/10/2007 0:00	44.8	29.5
1/10/2007 1:00	21.9	26.5
1/10/2007 2:00	21.7	19.8
1/10/2007 3:00	22.7	16.2

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/10/2007 4:00	13.2	14.8
1/10/2007 5:00	26.7	15.4
1/10/2007 6:00	20.1	16.8
1/10/2007 7:00	42.8	16.0
1/10/2007 8:00	45.1	8.6
1/10/2007 9:00	47.2	28.3
1/10/2007 10:00	42.7	34.7
1/10/2007 11:00	42.4	34.4
1/10/2007 12:00	38.8	21.7
1/10/2007 13:00	28.0	6.9
1/10/2007 14:00	31.3	6.9
1/10/2007 15:00	33.8	6.4
1/10/2007 16:00	31.1	6.8
1/10/2007 17:00	45.3	6.4
1/10/2007 18:00	86.4	8.9
1/10/2007 19:00	86.0	8.7
1/10/2007 20:00	85.6	6.8
1/10/2007 21:00	52.5	6.8
1/10/2007 22:00	26.4	4.0
1/10/2007 23:00	39.7	5.1
1/11/2007 0:00	36.3	5.0
1/11/2007 1:00	31.2	8.4
1/11/2007 2:00	26.4	8.7
1/11/2007 3:00	21.0	9.3
1/11/2007 4:00	18.5	7.4
1/11/2007 5:00	16.8	7.4
1/11/2007 6:00	18.9	6.3
1/11/2007 7:00	23.7	5.9
1/11/2007 8:00	26.2	7.3
1/11/2007 9:00	29.2	7.9
1/11/2007 10:00	26.2	6.9
1/11/2007 11:00	27.2	7.4
1/11/2007 12:00	27.0	8.5
1/11/2007 13:00	30.7	9.8
1/11/2007 14:00	33.4	13.3
1/11/2007 15:00	44.5	17.7
1/11/2007 16:00	49.3	16.8
1/11/2007 17:00	38.6	15.6
1/11/2007 18:00	39.6	13.4
1/11/2007 19:00	40.5	12.7
1/11/2007 20:00	25.9	10.0
1/11/2007 21:00	27.7	8.3
1/11/2007 22:00	29.3	7.6
1/11/2007 23:00	26.8	12.1

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/12/2007 0:00	29.3	26.2
1/12/2007 1:00	26.0	12.7
1/12/2007 2:00	22.0	7.5
1/12/2007 3:00	17.6	6.7
1/12/2007 4:00	20.3	7.1
1/12/2007 5:00	18.8	9.3
1/12/2007 6:00	20.6	7.4
1/12/2007 7:00	38.7	9.4
1/12/2007 8:00	40.1	12.1
1/12/2007 9:00	39.9	12.9
1/12/2007 10:00	42.2	14.1
1/12/2007 11:00	35.8	15.1
1/12/2007 12:00	39.5	16.6
1/12/2007 13:00	37.4	17.2
1/12/2007 14:00	39.9	14.7
1/12/2007 15:00	40.3	14.0
1/12/2007 16:00	53.6	15.4
1/12/2007 17:00	53.7	14.2
1/12/2007 18:00	36.4	12.1
1/12/2007 19:00	35.7	12.6
1/12/2007 20:00	33.3	11.9
1/12/2007 21:00	43.2	11.5
1/12/2007 22:00	28.0	10.1
1/12/2007 23:00	32.5	11.4
1/13/2007 0:00	29.8	23.2
1/13/2007 1:00	5.0	13.6
1/13/2007 2:00	5.4	12.1
1/13/2007 3:00	3.7	10.3
1/13/2007 4:00	4.4	11.7
1/13/2007 5:00	3.1	8.9
1/13/2007 6:00	3.8	10.3
1/13/2007 7:00	3.7	9.3
1/13/2007 8:00	4.5	13.6
1/13/2007 9:00	5.9	21.7
1/13/2007 10:00	8.3	20.0
1/13/2007 11:00	9.1	24.4
1/13/2007 12:00	9.6	26.1
1/13/2007 13:00	12.6	28.8
1/13/2007 14:00	13.5	29.6
1/13/2007 15:00	10.7	25.9
1/13/2007 16:00	12.0	26.6
1/13/2007 17:00	6.5	21.4
1/13/2007 18:00	4.5	24.5
1/13/2007 19:00	8.5	27.4

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/13/2007 20:00	10.1	28.0
1/13/2007 21:00	6.2	19.0
1/13/2007 22:00	6.7	18.5
1/13/2007 23:00	5.3	14.5
1/14/2007 0:00	6.7	14.9
1/14/2007 1:00	14.1	17.0
1/14/2007 2:00	13.5	19.2
1/14/2007 3:00	10.2	13.4
1/14/2007 4:00	10.5	12.7
1/14/2007 5:00	10.5	13.8
1/14/2007 6:00	10.3	14.2
1/14/2007 7:00	10.3	16.2
1/14/2007 8:00	8.5	10.6
1/14/2007 9:00	16.6	18.2
1/14/2007 10:00	10.1	16.2
1/14/2007 11:00	15.8	31.9
1/14/2007 12:00	15.2	29.1
1/14/2007 13:00	10.5	26.4
1/14/2007 14:00	6.2	19.4
1/14/2007 15:00	7.2	23.1
1/14/2007 16:00	11.4	28.5
1/14/2007 17:00	7.6	22.3
1/14/2007 18:00	8.4	29.4
1/14/2007 19:00	14.0	38.1
1/14/2007 20:00	15.4	34.6
1/14/2007 21:00	11.6	24.5
1/14/2007 22:00	6.8	20.4
1/14/2007 23:00	7.1	16.7
1/15/2007 0:00	4.5	16.1
1/15/2007 1:00	5.1	10.7
1/15/2007 2:00	6.2	12.5
1/15/2007 3:00	6.3	13.2
1/15/2007 4:00	4.7	12.6
1/15/2007 5:00	4.2	14.0
1/15/2007 6:00	7.0	17.3
1/15/2007 7:00	8.2	22.0
1/15/2007 8:00	16.9	31.3
1/15/2007 9:00	23.1	46.0
1/15/2007 10:00	21.2	43.0
1/15/2007 11:00	14.7	37.9
1/15/2007 12:00	13.0	47.5
1/15/2007 13:00	21.5	44.5
1/15/2007 14:00	61.5	45.2
1/15/2007 15:00	66.7	40.2

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/15/2007 16:00	70.2	42.7
1/15/2007 17:00	75.1	64.6
1/15/2007 18:00	69.2	65.2
1/15/2007 19:00	64.2	59.4
1/15/2007 20:00	68.1	65.4
1/15/2007 21:00	55.6	49.0
1/15/2007 22:00	56.7	55.9
1/15/2007 23:00	18.9	30.8
1/16/2007 0:00	10.1	30.9
1/16/2007 1:00	13.3	23.8
1/16/2007 2:00	10.2	25.8
1/16/2007 3:00	16.4	21.0
1/16/2007 4:00	22.7	22.2
1/16/2007 5:00	21.2	23.8
1/16/2007 6:00	25.8	24.1
1/16/2007 7:00	40.5	37.2
1/16/2007 8:00	40.3	36.4
1/16/2007 9:00	48.0	43.5
1/16/2007 10:00	52.9	48.6
1/16/2007 11:00	44.2	41.9
1/16/2007 12:00	41.7	36.9
1/16/2007 13:00	43.0	35.8
1/16/2007 14:00	36.4	33.2
1/16/2007 15:00	26.0	38.7
1/16/2007 16:00	25.0	40.4
1/16/2007 17:00	36.7	47.4
1/16/2007 18:00	53.0	54.0
1/16/2007 19:00	78.5	62.8
1/16/2007 20:00	85.4	21.9
1/16/2007 21:00	61.7	12.2
1/16/2007 22:00	86.4	19.5
1/16/2007 23:00	81.1	19.1
1/17/2007 0:00	65.3	21.3
1/17/2007 1:00	58.0	69.7
1/17/2007 2:00	84.8	83.2
1/17/2007 3:00	86.3	63.9
1/17/2007 4:00	92.8	34.4
1/17/2007 5:00	96.4	26.5
1/17/2007 6:00	97.7	31.5
1/17/2007 7:00	104.3	32.1
1/17/2007 8:00	105.2	33.3
1/17/2007 9:00	118.2	26.6
1/17/2007 10:00	59.9	15.3
1/17/2007 11:00	45.0	13.1

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/17/2007 12:00	35.0	9.7
1/17/2007 13:00	32.7	14.6
1/17/2007 14:00	38.2	115.2
1/17/2007 15:00	216.3	11.5
1/17/2007 16:00	35.0	12.5
1/17/2007 17:00	48.3	11.5
1/17/2007 18:00	53.1	18.2
1/17/2007 19:00	71.9	13.7
1/17/2007 20:00	57.9	12.2
1/17/2007 21:00	70.0	8.6
1/17/2007 22:00	57.5	4.2
1/17/2007 23:00	45.3	6.9
1/18/2007 0:00	31.6	11.5
1/18/2007 1:00	27.2	9.6
1/18/2007 2:00	35.3	8.2
1/18/2007 3:00	26.8	7.2
1/18/2007 4:00	21.4	7.2
1/18/2007 5:00	27.0	10.9
1/18/2007 6:00	39.9	13.8
1/18/2007 7:00	34.6	11.9
1/18/2007 8:00	43.0	16.4
1/18/2007 9:00	59.0	23.3
1/18/2007 10:00	52.9	26.6
1/18/2007 11:00	50.9	25.4
1/18/2007 12:00	46.7	24.2
1/18/2007 13:00	54.5	28.2
1/18/2007 14:00	58.8	28.0
1/18/2007 15:00	52.6	24.5
1/18/2007 16:00	51.3	21.9
1/18/2007 17:00	53.9	18.7
1/18/2007 18:00	50.1	14.0
1/18/2007 19:00	44.7	12.8
1/18/2007 20:00	44.3	21.2
1/18/2007 21:00	36.6	13.9
1/18/2007 22:00	38.5	14.4
1/18/2007 23:00	23.9	8.5
1/19/2007 0:00	16.3	5.4
1/19/2007 1:00	11.7	5.8
1/19/2007 2:00	15.8	5.0
1/19/2007 3:00	17.2	6.8
1/19/2007 4:00	12.8	5.0
1/19/2007 5:00	16.6	6.6
1/19/2007 6:00	18.1	6.1
1/19/2007 7:00	28.3	7.9

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/19/2007 8:00	30.8	26.7
1/19/2007 9:00	33.4	23.1
1/19/2007 10:00	35.9	8.7
1/19/2007 11:00	26.3	9.5
1/19/2007 12:00	29.6	10.7
1/19/2007 13:00	28.5	8.3
1/19/2007 14:00	26.9	7.3
1/19/2007 15:00	21.6	6.2
1/19/2007 16:00	25.1	7.7
1/19/2007 17:00	23.3	8.3
1/19/2007 18:00	27.6	9.0
1/19/2007 19:00	30.4	10.6
1/19/2007 20:00	37.3	9.1
1/19/2007 21:00	33.5	22.0
1/19/2007 22:00	22.2	20.3
1/19/2007 23:00	31.6	29.0
1/20/2007 0:00	29.2	26.7
1/20/2007 1:00	34.5	17.4
1/20/2007 2:00	40.4	15.4
1/20/2007 3:00	40.0	20.5
1/20/2007 4:00	29.0	12.8
1/20/2007 5:00	22.1	17.1
1/20/2007 6:00	21.2	20.0
1/20/2007 7:00	25.1	25.9
1/20/2007 8:00	40.8	27.3
1/20/2007 9:00	49.8	25.2
1/20/2007 10:00	42.1	29.7
1/20/2007 11:00	27.2	28.8
1/20/2007 12:00	25.4	22.4
1/20/2007 13:00	21.2	19.2
1/20/2007 14:00	23.3	16.0
1/20/2007 15:00	22.1	16.4
1/20/2007 16:00	20.8	23.3
1/20/2007 17:00	36.9	12.6
1/20/2007 18:00	49.0	12.7
1/20/2007 19:00	68.1	18.9
1/20/2007 20:00	59.3	86.2
1/20/2007 21:00	52.6	83.2
1/20/2007 22:00	105.7	52.5
1/20/2007 23:00	119.0	23.8
1/21/2007 0:00	95.2	27.5
1/21/2007 1:00	24.3	39.9
1/21/2007 2:00	18.5	40.8
1/21/2007 3:00	13.1	21.1

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/21/2007 4:00	10.6	14.6
1/21/2007 5:00	7.2	12.5
1/21/2007 6:00	7.9	13.1
1/21/2007 7:00	9.3	17.1
1/21/2007 8:00	13.2	26.4
1/21/2007 9:00	7.6	5.0
1/21/2007 10:00	7.5	6.6
1/21/2007 11:00	7.4	5.9
1/21/2007 12:00	7.1	6.5
1/21/2007 13:00	10.4	9.2
1/21/2007 14:00	10.2	9.3
1/21/2007 15:00	9.9	16.9
1/21/2007 16:00	12.3	37.4
1/21/2007 17:00	13.6	37.4
1/21/2007 18:00	12.0	39.9
1/21/2007 19:00	10.1	29.5
1/21/2007 20:00	6.7	27.0
1/21/2007 21:00	6.6	26.6
1/21/2007 22:00	8.1	28.4
1/21/2007 23:00	10.1	37.9
1/22/2007 0:00	19.3	40.0
1/22/2007 1:00	15.0	24.1
1/22/2007 2:00	10.2	17.1
1/22/2007 3:00	17.6	24.3
1/22/2007 4:00	16.2	27.7
1/22/2007 5:00	21.3	32.1
1/22/2007 6:00	26.2	44.5
1/22/2007 7:00	37.2	66.2
1/22/2007 8:00	50.4	79.7
1/22/2007 9:00	65.7	91.1
1/22/2007 10:00	80.0	95.6
1/22/2007 11:00	84.0	90.7
1/22/2007 12:00	92.9	78.7
1/22/2007 13:00	77.8	54.8
1/22/2007 14:00	64.7	46.1
1/22/2007 15:00	63.5	49.8
1/22/2007 16:00	63.9	52.6
1/22/2007 17:00	58.1	48.7
1/22/2007 18:00	53.8	31.1
1/22/2007 19:00	85.5	34.6
1/22/2007 20:00	51.6	22.0
1/22/2007 21:00	58.6	18.3
1/22/2007 22:00	75.0	21.2
1/22/2007 23:00	74.7	29.0

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/23/2007 0:00	54.5	14.6
1/23/2007 1:00	35.3	13.7
1/23/2007 2:00	33.4	12.1
1/23/2007 3:00	30.4	14.0
1/23/2007 4:00	32.4	17.5
1/23/2007 5:00	26.5	17.6
1/23/2007 6:00	17.9	6.4
1/23/2007 7:00	18.6	4.8
1/23/2007 8:00	21.8	6.0
1/23/2007 9:00	29.7	6.8
1/23/2007 10:00	28.2	6.1
1/23/2007 11:00	27.5	6.7
1/23/2007 12:00	28.6	5.9
1/23/2007 13:00	26.2	6.3
1/23/2007 14:00	33.2	7.1
1/23/2007 15:00	32.3	8.0
1/23/2007 16:00	43.6	10.7
1/23/2007 17:00	38.5	11.7
1/23/2007 18:00	35.8	12.9
1/23/2007 19:00	37.6	11.7
1/23/2007 20:00	38.8	13.4
1/23/2007 21:00	39.0	13.3
1/23/2007 22:00	44.9	15.0
1/23/2007 23:00	43.8	15.0
1/24/2007 0:00	48.9	44.9
1/24/2007 1:00	31.2	28.1
1/24/2007 2:00	27.5	7.1
1/24/2007 3:00	24.8	6.0
1/24/2007 4:00	37.7	8.1
1/24/2007 5:00	43.9	8.8
1/24/2007 6:00	61.1	11.7
1/24/2007 7:00	72.0	17.9
1/24/2007 8:00	73.2	32.3
1/24/2007 9:00	89.9	32.2
1/24/2007 10:00	71.6	72.8
1/24/2007 11:00	38.3	79.2
1/24/2007 12:00	16.3	72.7
1/24/2007 13:00	10.6	65.6
1/24/2007 14:00	10.6	56.9
1/24/2007 15:00	21.6	26.7
1/24/2007 16:00	21.6	14.2
1/24/2007 17:00	36.2	13.8
1/24/2007 18:00	21.9	74.3
1/24/2007 19:00	14.3	57.4

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/24/2007 20:00	20.8	69.8
1/24/2007 21:00	32.7	110.4
1/24/2007 22:00	145.5	74.1
1/24/2007 23:00	142.5	39.5
1/25/2007 0:00	124.5	31.3
1/25/2007 1:00	48.2	25.8
1/25/2007 2:00	33.2	27.1
1/25/2007 3:00	27.2	14.5
1/25/2007 4:00	25.0	20.3
1/25/2007 5:00	22.5	18.7
1/25/2007 6:00	24.9	23.8
1/25/2007 7:00	44.3	40.0
1/25/2007 8:00	62.8	51.7
1/25/2007 9:00	57.8	53.7
1/25/2007 10:00	51.7	48.3
1/25/2007 11:00	37.0	40.1
1/25/2007 12:00	32.9	30.7
1/25/2007 13:00	35.7	34.9
1/25/2007 14:00	27.2	29.0
1/25/2007 15:00	27.2	26.8
1/25/2007 16:00	30.0	35.1
1/25/2007 17:00	13.0	50.0
1/25/2007 18:00	13.9	64.6
1/25/2007 19:00	17.7	75.3
1/25/2007 20:00	23.6	77.6
1/25/2007 21:00	20.7	80.5
1/25/2007 22:00	33.3	69.7
1/25/2007 23:00	144.3	53.0
1/26/2007 0:00	154.3	41.7
1/26/2007 1:00	154.0	43.6
1/26/2007 2:00	129.3	33.4
1/26/2007 3:00	64.0	23.2
1/26/2007 4:00	43.0	15.7
1/26/2007 5:00	47.7	19.4
1/26/2007 6:00	59.7	15.7
1/26/2007 7:00	57.6	18.1
1/26/2007 8:00	50.4	10.6
1/26/2007 9:00	48.6	10.5
1/26/2007 10:00	40.9	12.3
1/26/2007 11:00	55.3	18.4
1/26/2007 12:00	49.3	20.1
1/26/2007 13:00	44.8	12.7
1/26/2007 14:00	38.4	7.6
1/26/2007 15:00	37.4	10.1

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/26/2007 16:00	41.1	9.7
1/26/2007 17:00	48.3	9.4
1/26/2007 18:00	47.2	9.6
1/26/2007 19:00	39.9	10.1
1/26/2007 20:00	24.7	10.7
1/26/2007 21:00	28.3	12.6
1/26/2007 22:00	47.4	14.0
1/26/2007 23:00	24.2	15.2
1/27/2007 0:00	21.2	19.7
1/27/2007 1:00	15.8	19.5
1/27/2007 2:00	14.8	13.2
1/27/2007 3:00	15.1	9.1
1/27/2007 4:00	17.5	10.7
1/27/2007 5:00	21.5	10.4
1/27/2007 6:00	22.5	8.8
1/27/2007 7:00	19.1	8.1
1/27/2007 8:00	16.9	7.6
1/27/2007 9:00	29.6	15.2
1/27/2007 10:00	43.8	35.8
1/27/2007 11:00	42.0	36.4
1/27/2007 12:00	35.8	17.8
1/27/2007 13:00	27.3	23.8
1/27/2007 14:00	31.1	9.3
1/27/2007 15:00	26.8	8.0
1/27/2007 16:00	29.8	8.4
1/27/2007 17:00	26.5	7.9
1/27/2007 18:00	30.5	11.1
1/27/2007 19:00	41.2	13.8
1/27/2007 20:00	55.1	12.6
1/27/2007 21:00	24.1	8.5
1/27/2007 22:00	28.9	16.6
1/27/2007 23:00	19.8	18.4
1/28/2007 0:00	14.3	11.3
1/28/2007 1:00	9.5	10.3
1/28/2007 2:00	13.0	14.0
1/28/2007 3:00	11.6	11.1
1/28/2007 4:00	14.6	15.7
1/28/2007 5:00	21.8	12.1
1/28/2007 6:00	29.8	15.1
1/28/2007 7:00	27.1	15.7
1/28/2007 8:00	28.4	28.1
1/28/2007 9:00	36.0	23.9
1/28/2007 10:00	36.0	36.9
1/28/2007 11:00	46.5	30.6

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/28/2007 12:00	46.5	38.6
1/28/2007 13:00	29.5	33.6
1/28/2007 14:00	30.2	23.3
1/28/2007 15:00	20.8	22.8
1/28/2007 16:00	31.1	29.4
1/28/2007 17:00	32.0	35.2
1/28/2007 18:00	11.5	22.6
1/28/2007 19:00	11.6	25.4
1/28/2007 20:00	15.2	23.0
1/28/2007 21:00	18.9	24.5
1/28/2007 22:00	30.6	23.4
1/28/2007 23:00	51.0	37.0
1/29/2007 0:00	48.8	46.1
1/29/2007 1:00	55.8	45.4
1/29/2007 2:00	46.0	43.0
1/29/2007 3:00	56.0	22.2
1/29/2007 4:00	93.1	23.0
1/29/2007 5:00	50.9	48.3
1/29/2007 6:00	43.2	20.7
1/29/2007 7:00	59.4	18.1
1/29/2007 8:00	61.4	34.1
1/29/2007 9:00	65.5	20.4
1/29/2007 10:00	66.1	27.3
1/29/2007 11:00	53.5	30.2
1/29/2007 12:00	43.8	24.9
1/29/2007 13:00	35.0	14.1
1/29/2007 14:00	36.4	13.4
1/29/2007 15:00	31.1	9.6
1/29/2007 16:00	31.3	12.5
1/29/2007 17:00	45.5	13.5
1/29/2007 18:00	34.1	11.0
1/29/2007 19:00	47.7	12.5
1/29/2007 20:00	42.3	9.1
1/29/2007 21:00	50.9	22.4
1/29/2007 22:00	57.9	9.4
1/29/2007 23:00	48.6	17.7
1/30/2007 0:00	39.8	15.7
1/30/2007 1:00	32.9	13.6
1/30/2007 2:00	45.2	14.4
1/30/2007 3:00	36.2	18.4
1/30/2007 4:00	34.2	19.1
1/30/2007 5:00	51.4	18.3
1/30/2007 6:00	58.2	18.6
1/30/2007 7:00	64.2	18.9

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/30/2007 8:00	76.0	20.7
1/30/2007 9:00	87.3	24.4
1/30/2007 10:00	91.9	26.8
1/30/2007 11:00	69.0	43.4
1/30/2007 12:00	78.8	30.0
1/30/2007 13:00	74.1	48.7
1/30/2007 14:00	59.2	50.0
1/30/2007 15:00	48.9	32.2
1/30/2007 16:00	37.4	28.6
1/30/2007 17:00	43.8	26.1
1/30/2007 18:00	54.0	33.3
1/30/2007 19:00	56.9	33.4
1/30/2007 20:00	60.1	15.2
1/30/2007 21:00	47.4	14.1
1/30/2007 22:00	37.0	12.2
1/30/2007 23:00	37.3	17.9
1/31/2007 0:00	39.0	21.8
1/31/2007 1:00	33.6	18.3
1/31/2007 2:00	35.0	18.5
1/31/2007 3:00	36.3	16.3
1/31/2007 4:00	36.9	18.9
1/31/2007 5:00	36.6	24.5
1/31/2007 6:00	35.5	21.2
1/31/2007 7:00	56.5	22.7
1/31/2007 8:00	55.1	25.6
1/31/2007 9:00	54.2	22.9
1/31/2007 10:00	48.9	22.1
1/31/2007 11:00	48.4	20.6
1/31/2007 12:00	46.7	19.9
1/31/2007 13:00	39.5	20.0
1/31/2007 14:00	43.6	19.9
1/31/2007 15:00	41.9	19.0
1/31/2007 16:00	46.6	19.6
1/31/2007 17:00	41.2	19.3
1/31/2007 18:00	43.3	17.5
1/31/2007 19:00	45.2	20.6
1/31/2007 20:00	37.7	17.7
1/31/2007 21:00	44.5	17.1
1/31/2007 22:00	36.8	14.5
1/31/2007 23:00	43.1	12.9
2/1/2007 0:00	50.1	18.1
2/1/2007 1:00	32.8	26.5
2/1/2007 2:00	34.3	11.0
2/1/2007 3:00	26.1	9.6

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/1/2007 4:00	33.1	12.4
2/1/2007 5:00	33.5	12.7
2/1/2007 6:00	36.0	14.3
2/1/2007 7:00	33.5	17.3
2/1/2007 8:00	35.5	18.6
2/1/2007 9:00	50.1	21.6
2/1/2007 10:00	49.4	18.8
2/1/2007 11:00	46.6	19.2
2/1/2007 12:00	40.9	18.3
2/1/2007 13:00	34.0	16.5
2/1/2007 14:00	32.8	14.3
2/1/2007 15:00	30.2	16.5
2/1/2007 16:00	32.9	12.3
2/1/2007 17:00	35.7	10.7
2/1/2007 18:00	39.7	14.2
2/1/2007 19:00	44.0	11.1
2/1/2007 20:00	46.9	11.3
2/1/2007 21:00	45.6	13.3
2/1/2007 22:00	46.2	14.6
2/1/2007 23:00	46.6	14.0
2/2/2007 0:00	38.0	14.6
2/2/2007 1:00	53.0	19.3
2/2/2007 2:00	50.5	16.2
2/2/2007 3:00	65.0	22.6
2/2/2007 4:00	60.1	18.3
2/2/2007 5:00	52.4	14.5
2/2/2007 6:00	38.7	11.7
2/2/2007 7:00	39.2	11.1
2/2/2007 8:00	44.5	15.2
2/2/2007 9:00	39.2	15.7
2/2/2007 10:00	36.0	15.8
2/2/2007 11:00	26.9	12.1
2/2/2007 12:00	25.5	7.4
2/2/2007 13:00	22.0	7.7
2/2/2007 14:00	23.6	8.5
2/2/2007 15:00	25.0	8.9
2/2/2007 16:00	23.9	9.0
2/2/2007 17:00	27.1	14.8
2/2/2007 18:00	26.0	9.7
2/2/2007 19:00	27.1	8.2
2/2/2007 20:00	23.3	8.7
2/2/2007 21:00	27.4	10.4
2/2/2007 22:00	27.8	12.2
2/2/2007 23:00	27.2	13.4

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/3/2007 0:00	23.7	10.6
2/3/2007 1:00	17.8	9.5
2/3/2007 2:00	18.4	8.6
2/3/2007 3:00	17.5	7.6
2/3/2007 4:00	14.7	6.6
2/3/2007 5:00	10.1	6.3
2/3/2007 6:00	12.2	6.2
2/3/2007 7:00	12.4	13.7
2/3/2007 8:00	28.4	12.6
2/3/2007 9:00	24.9	14.2
2/3/2007 10:00	26.9	13.8
2/3/2007 11:00	24.6	18.7
2/3/2007 12:00	27.5	16.5
2/3/2007 13:00	17.4	9.3
2/3/2007 14:00	14.2	6.3
2/3/2007 15:00	14.3	5.1
2/3/2007 16:00	10.9	4.2
2/3/2007 17:00	10.2	3.5
2/3/2007 18:00	11.4	4.9
2/3/2007 19:00	11.2	5.3
2/3/2007 20:00	11.3	5.1
2/3/2007 21:00	12.1	4.8
2/3/2007 22:00	11.2	5.8
2/3/2007 23:00	10.8	7.1
2/4/2007 0:00	11.0	7.8
2/4/2007 1:00	9.3	7.0
2/4/2007 2:00	8.7	5.8
2/4/2007 3:00	11.6	6.1
2/4/2007 4:00	12.2	7.0
2/4/2007 5:00	10.2	6.9
2/4/2007 6:00	7.6	8.0
2/4/2007 7:00	8.2	10.1
2/4/2007 8:00	9.1	10.1
2/4/2007 9:00	14.5	6.3
2/4/2007 10:00	13.9	7.9
2/4/2007 11:00	15.8	7.5
2/4/2007 12:00	16.8	6.8
2/4/2007 13:00	13.4	5.4
2/4/2007 14:00	13.6	5.9
2/4/2007 15:00	17.4	5.1
2/4/2007 16:00	15.6	4.2
2/4/2007 17:00	18.1	4.5
2/4/2007 18:00	21.3	4.9
2/4/2007 19:00	22.5	6.1

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/4/2007 20:00	22.6	6.3
2/4/2007 21:00	31.0	12.1
2/4/2007 22:00	26.1	18.4
2/4/2007 23:00	35.3	19.7
2/5/2007 0:00	30.8	7.2
2/5/2007 1:00	23.8	8.1
2/5/2007 2:00	20.7	8.3
2/5/2007 3:00	20.9	8.9
2/5/2007 4:00	16.0	9.9
2/5/2007 5:00	20.4	10.6
2/5/2007 6:00	24.7	10.9
2/5/2007 7:00	28.3	12.2
2/5/2007 8:00	30.8	11.2
2/5/2007 9:00	33.0	11.1
2/5/2007 10:00	26.5	10.3
2/5/2007 11:00	25.2	10.3
2/5/2007 12:00	27.9	11.6
2/5/2007 13:00	24.2	8.7
2/5/2007 14:00	20.2	4.8
2/5/2007 15:00	22.7	4.6
2/5/2007 16:00	22.9	6.6
2/5/2007 17:00	28.8	8.8
2/5/2007 18:00	38.3	8.4
2/5/2007 19:00	36.2	8.4
2/5/2007 20:00	32.4	10.5
2/5/2007 21:00	38.8	16.2
2/5/2007 22:00	39.9	20.4
2/5/2007 23:00	36.2	18.1
2/6/2007 0:00	32.7	19.0
2/6/2007 1:00	35.8	19.5
2/6/2007 2:00	34.5	24.7
2/6/2007 3:00	43.0	24.7
2/6/2007 4:00	36.4	22.6
2/6/2007 5:00	38.0	23.7
2/6/2007 6:00	34.3	19.1
2/6/2007 7:00	36.0	19.9
2/6/2007 8:00	46.5	25.0
2/6/2007 9:00	55.7	24.8
2/6/2007 10:00	53.2	26.6
2/6/2007 11:00	46.8	22.3
2/6/2007 12:00	44.7	18.2
2/6/2007 13:00	42.9	16.5
2/6/2007 14:00	41.2	16.7
2/6/2007 15:00	43.9	13.5

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/6/2007 16:00	41.1	12.1
2/6/2007 17:00	43.1	11.7
2/6/2007 18:00	37.5	11.0
2/6/2007 19:00	48.3	12.3
2/6/2007 20:00	48.8	14.1
2/6/2007 21:00	42.4	13.2
2/6/2007 22:00	46.1	18.7
2/6/2007 23:00	55.7	16.9
2/7/2007 0:00	59.1	22.7
2/7/2007 1:00	45.9	24.8
2/7/2007 2:00	36.6	23.3
2/7/2007 3:00	35.6	31.5
2/7/2007 4:00	49.0	40.4
2/7/2007 5:00	56.8	42.8
2/7/2007 6:00	79.7	29.7
2/7/2007 7:00	75.6	33.9
2/7/2007 8:00	72.0	36.1
2/7/2007 9:00	65.9	33.1
2/7/2007 10:00	70.0	31.2
2/7/2007 11:00	46.8	24.6
2/7/2007 12:00	37.2	13.2
2/7/2007 13:00	33.0	8.1
2/7/2007 14:00	126.3	8.3
2/7/2007 15:00	31.2	97.0
2/7/2007 16:00	34.6	10.9
2/7/2007 17:00	39.4	10.6
2/7/2007 18:00	44.0	8.0
2/7/2007 19:00	37.1	10.3
2/7/2007 20:00	39.2	10.2
2/7/2007 21:00	38.6	11.5
2/7/2007 22:00	46.4	11.4
2/7/2007 23:00	45.1	16.0
2/8/2007 0:00	41.7	20.2
2/8/2007 1:00	45.4	28.5
2/8/2007 2:00	54.9	36.6
2/8/2007 3:00	37.2	30.3
2/8/2007 4:00	43.3	30.8
2/8/2007 5:00	37.5	23.3
2/8/2007 6:00	46.1	21.3
2/8/2007 7:00	73.5	27.3
2/8/2007 8:00	44.2	28.7
2/8/2007 9:00	63.0	23.0
2/8/2007 10:00	62.3	34.4
2/8/2007 11:00	57.6	22.9

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/8/2007 12:00	33.0	11.8
2/8/2007 13:00	29.8	8.3
2/8/2007 14:00	30.2	7.0
2/8/2007 15:00	28.3	6.5
2/8/2007 16:00	33.0	15.0
2/8/2007 17:00	39.0	17.8
2/8/2007 18:00	42.5	18.0
2/8/2007 19:00	40.1	16.5
2/8/2007 20:00	38.1	17.8
2/8/2007 21:00	40.3	19.0
2/8/2007 22:00	56.9	24.0
2/8/2007 23:00	65.1	35.3
2/9/2007 0:00	54.5	35.0
2/9/2007 1:00	50.4	34.9
2/9/2007 2:00	48.1	29.1
2/9/2007 3:00	51.8	25.6
2/9/2007 4:00	53.5	25.1
2/9/2007 5:00	70.8	32.0
2/9/2007 6:00	76.2	37.1
2/9/2007 7:00	103.8	44.7
2/9/2007 8:00	113.7	44.6
2/9/2007 9:00	131.7	57.1
2/9/2007 10:00	103.5	62.7
2/9/2007 11:00	53.2	41.0
2/9/2007 12:00	52.8	39.6
2/9/2007 13:00	40.7	34.4
2/9/2007 14:00	46.5	23.8
2/9/2007 15:00	43.4	15.9
2/9/2007 16:00	32.1	12.3
2/9/2007 17:00	38.0	12.8
2/9/2007 18:00	35.3	9.4
2/9/2007 19:00	32.6	9.0
2/9/2007 20:00	46.8	12.0
2/9/2007 21:00	43.2	12.4
2/9/2007 22:00	40.6	15.2
2/9/2007 23:00	32.0	15.1
2/10/2007 0:00	20.4	7.9
2/10/2007 1:00	18.6	8.0
2/10/2007 2:00	21.2	9.1
2/10/2007 3:00	12.8	7.2
2/10/2007 4:00	15.0	7.2
2/10/2007 5:00	19.8	17.6
2/10/2007 6:00	28.4	22.4
2/10/2007 7:00	40.9	22.2

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/10/2007 8:00	46.9	25.0
2/10/2007 9:00	43.0	28.7
2/10/2007 10:00	43.5	24.9
2/10/2007 11:00	21.8	16.7
2/10/2007 12:00	23.7	12.6
2/10/2007 13:00	24.7	19.7
2/10/2007 14:00	26.0	9.1
2/10/2007 15:00	19.9	6.1
2/10/2007 16:00	19.3	5.9
2/10/2007 17:00	21.5	6.1
2/10/2007 18:00	22.1	5.4
2/10/2007 19:00	29.7	6.6
2/10/2007 20:00	34.5	10.4
2/10/2007 21:00	29.3	11.9
2/10/2007 22:00	30.7	13.5
2/10/2007 23:00	28.2	13.4
2/11/2007 0:00	24.5	14.1
2/11/2007 1:00	26.2	14.4
2/11/2007 2:00	22.9	17.1
2/11/2007 3:00	24.0	15.6
2/11/2007 4:00	19.9	13.6
2/11/2007 5:00	16.4	11.7
2/11/2007 6:00	16.8	11.8
2/11/2007 7:00	17.2	9.8
2/11/2007 8:00	15.7	13.9
2/11/2007 9:00	26.5	10.5
2/11/2007 10:00	19.8	10.3
2/11/2007 11:00	26.9	11.2
2/11/2007 12:00	19.1	12.4
2/11/2007 13:00	24.3	9.6
2/11/2007 14:00	20.6	9.7
2/11/2007 15:00	21.7	10.8
2/11/2007 16:00	23.3	8.6
2/11/2007 17:00	21.3	5.1
2/11/2007 18:00	23.7	6.7
2/11/2007 19:00	27.4	8.1
2/11/2007 20:00	28.1	7.6
2/11/2007 21:00	27.7	7.6
2/11/2007 22:00	29.2	8.5
2/11/2007 23:00	30.3	9.9
2/12/2007 0:00	28.2	10.5
2/12/2007 1:00	25.8	11.7
2/12/2007 2:00	24.9	12.8
2/12/2007 3:00	25.7	10.8

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/12/2007 4:00	28.8	14.1
2/12/2007 5:00	27.1	13.1
2/12/2007 6:00	37.0	15.2
2/12/2007 7:00	62.3	17.0
2/12/2007 8:00	78.0	18.2
2/12/2007 9:00	74.0	21.5
2/12/2007 10:00	70.9	20.2
2/12/2007 11:00	72.5	24.0
2/12/2007 12:00	63.7	33.0
2/12/2007 13:00	61.3	101.2
2/12/2007 14:00	35.4	82.7
2/12/2007 15:00	21.3	79.9
2/12/2007 16:00	17.8	72.7
2/12/2007 17:00	14.0	71.2
2/12/2007 18:00	15.4	74.0
2/12/2007 19:00	12.7	57.6
2/12/2007 20:00	13.2	48.0
2/12/2007 21:00	15.3	41.1
2/12/2007 22:00	13.2	38.4
2/12/2007 23:00	5.2	25.5
2/13/2007 0:00	5.1	23.6
2/13/2007 1:00	4.6	14.1
2/13/2007 2:00	5.1	14.4
2/13/2007 3:00	3.5	13.7
2/13/2007 4:00	3.4	10.8
2/13/2007 5:00	4.2	10.2
2/13/2007 6:00	5.3	17.9
2/13/2007 7:00	7.9	23.9
2/13/2007 8:00	8.9	33.6
2/13/2007 9:00	9.2	37.0
2/13/2007 10:00	9.1	39.2
2/13/2007 11:00	8.5	30.3
2/13/2007 12:00	10.3	42.1
2/13/2007 13:00	11.1	39.3
2/13/2007 14:00	7.6	37.2
2/13/2007 15:00	10.7	43.0
2/13/2007 16:00	17.4	42.9
2/13/2007 17:00	21.9	48.4
2/13/2007 18:00	21.1	51.3
2/13/2007 19:00	18.3	41.5
2/13/2007 20:00	16.7	34.2
2/13/2007 21:00	15.4	33.3
2/13/2007 22:00	13.0	26.1
2/13/2007 23:00	11.5	22.8

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/14/2007 0:00	10.6	17.6
2/14/2007 1:00	9.0	14.7
2/14/2007 2:00	7.9	13.9
2/14/2007 3:00	6.8	12.9
2/14/2007 4:00	6.5	11.0
2/14/2007 5:00	6.9	13.2
2/14/2007 6:00	8.1	14.0
2/14/2007 7:00	9.2	23.2
2/14/2007 8:00	10.6	25.0
2/14/2007 9:00	13.1	33.9
2/14/2007 10:00	18.7	30.5
2/14/2007 11:00	12.0	26.4
2/14/2007 12:00	18.7	30.5
2/14/2007 13:00	10.9	32.5
2/14/2007 14:00	15.9	34.8
2/14/2007 15:00	26.5	31.4
2/14/2007 16:00	22.2	31.9
2/14/2007 17:00	30.8	37.8
2/14/2007 18:00	51.9	42.6
2/14/2007 19:00	37.2	68.6
2/14/2007 20:00	136.3	124.9
2/14/2007 21:00	144.1	125.8
2/14/2007 22:00	114.9	129.2
2/14/2007 23:00	135.5	126.5
2/15/2007 0:00	91.2	88.6
2/15/2007 1:00	46.8	44.4
2/15/2007 2:00	51.7	44.7
2/15/2007 3:00	46.6	47.4
2/15/2007 4:00	53.8	47.9
2/15/2007 5:00	61.3	32.4
2/15/2007 6:00	104.8	64.2
2/15/2007 7:00	122.0	54.6
2/15/2007 8:00	122.1	55.0
2/15/2007 9:00	89.7	45.6
2/15/2007 10:00	76.1	47.2
2/15/2007 11:00	60.6	26.4
2/15/2007 12:00	56.8	18.2
2/15/2007 13:00	38.0	7.2
2/15/2007 14:00	42.5	16.6
2/15/2007 15:00	35.6	24.5
2/15/2007 16:00	34.1	6.4
2/15/2007 17:00	35.9	5.9
2/15/2007 18:00	35.0	6.3
2/15/2007 19:00	49.0	9.5

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/15/2007 20:00	42.0	9.9
2/15/2007 21:00	43.1	12.6
2/15/2007 22:00	37.1	13.0
2/15/2007 23:00	37.7	27.4
2/16/2007 0:00	43.4	17.8
2/16/2007 1:00	38.5	11.9
2/16/2007 2:00	40.7	12.9
2/16/2007 3:00	35.3	11.3
2/16/2007 4:00	28.1	11.4
2/16/2007 5:00	33.7	15.4
2/16/2007 6:00	51.2	25.5
2/16/2007 7:00	67.2	29.8
2/16/2007 8:00	69.7	28.8
2/16/2007 9:00	63.8	28.5
2/16/2007 10:00	58.0	27.6
2/16/2007 11:00	48.4	24.4
2/16/2007 12:00	49.5	24.4
2/16/2007 13:00	40.8	22.2
2/16/2007 14:00	49.7	23.3
2/16/2007 15:00	43.5	23.6
2/16/2007 16:00	40.8	22.9
2/16/2007 17:00	36.8	18.0
2/16/2007 18:00	36.1	20.8
2/16/2007 19:00	32.2	23.6
2/16/2007 20:00	40.8	16.9
2/16/2007 21:00	34.2	17.5
2/16/2007 22:00	39.4	15.8
2/16/2007 23:00	40.7	19.8
2/17/2007 0:00	40.4	18.9
2/17/2007 1:00	32.3	16.9
2/17/2007 2:00	31.3	14.3
2/17/2007 3:00	52.6	21.7
2/17/2007 4:00	47.4	25.7
2/17/2007 5:00	58.1	24.5
2/17/2007 6:00	44.7	23.3
2/17/2007 7:00	87.0	26.6
2/17/2007 8:00	78.7	29.3
2/17/2007 9:00	64.4	28.8
2/17/2007 10:00	58.0	29.9
2/17/2007 11:00	51.1	29.7
2/17/2007 12:00	45.5	26.6
2/17/2007 13:00	55.4	26.4
2/17/2007 14:00	49.8	28.6
2/17/2007 15:00	46.8	28.1

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/17/2007 16:00	52.1	27.5
2/17/2007 17:00	47.8	19.4
2/17/2007 18:00	54.9	27.1
2/17/2007 19:00	39.2	33.4
2/17/2007 20:00	41.8	31.5
2/17/2007 21:00	46.9	17.8
2/17/2007 22:00	44.9	18.6
2/17/2007 23:00	28.2	24.4
2/18/2007 0:00	22.8	18.7
2/18/2007 1:00	21.7	17.5
2/18/2007 2:00	26.4	20.5
2/18/2007 3:00	21.3	19.3
2/18/2007 4:00	17.5	14.2
2/18/2007 5:00	22.0	14.9
2/18/2007 6:00	18.8	16.0
2/18/2007 7:00	31.2	21.3
2/18/2007 8:00	45.1	29.4
2/18/2007 9:00	30.4	24.8
2/18/2007 10:00	23.7	17.4
2/18/2007 11:00	16.0	15.1
2/18/2007 12:00	17.6	13.4
2/18/2007 13:00	14.7	12.3
2/18/2007 14:00	13.0	15.8
2/18/2007 15:00	18.9	13.7
2/18/2007 16:00	18.3	16.0
2/18/2007 17:00	19.9	17.4
2/18/2007 18:00	16.2	24.6
2/18/2007 19:00	51.9	20.8
2/18/2007 20:00	98.1	23.3
2/18/2007 21:00	118.4	111.7
2/18/2007 22:00	195.8	70.4
2/18/2007 23:00	211.4	44.0
2/19/2007 0:00	115.0	34.4
2/19/2007 1:00	137.0	38.4
2/19/2007 2:00	74.2	40.3
2/19/2007 3:00	56.0	36.5
2/19/2007 4:00	64.3	25.9
2/19/2007 5:00	47.7	21.7
2/19/2007 6:00	51.1	15.4
2/19/2007 7:00	55.4	21.9
2/19/2007 8:00	42.5	19.3
2/19/2007 9:00	48.1	9.6
2/19/2007 10:00	38.0	7.3
2/19/2007 11:00	28.9	8.0

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/19/2007 12:00	37.9	9.6
2/19/2007 13:00	33.9	11.8
2/19/2007 14:00	37.4	14.6
2/19/2007 15:00	38.2	14.8
2/19/2007 16:00	43.8	14.7
2/19/2007 17:00	44.9	14.3
2/19/2007 18:00	46.4	16.4
2/19/2007 19:00	37.2	18.1
2/19/2007 20:00	37.1	14.9
2/19/2007 21:00	32.8	12.2
2/19/2007 22:00	20.5	12.3
2/19/2007 23:00	24.5	9.3
2/20/2007 0:00	20.8	6.9
2/20/2007 1:00	18.2	7.5
2/20/2007 2:00	21.0	8.2
2/20/2007 3:00	19.3	8.5
2/20/2007 4:00	22.2	8.6
2/20/2007 5:00	32.7	10.2
2/20/2007 6:00	41.5	11.2
2/20/2007 7:00	48.7	11.7
2/20/2007 8:00	67.8	17.6
2/20/2007 9:00	76.4	23.0
2/20/2007 10:00	79.7	25.0
2/20/2007 11:00	57.2	26.0
2/20/2007 12:00	49.7	16.7
2/20/2007 13:00	47.3	16.1
2/20/2007 14:00	67.7	27.7
2/20/2007 15:00	59.5	50.4
2/20/2007 16:00	65.5	56.5
2/20/2007 17:00	71.6	70.6
2/20/2007 18:00	90.7	44.0
2/20/2007 19:00	30.5	90.5
2/20/2007 20:00	22.5	76.1
2/20/2007 21:00	20.1	90.3
2/20/2007 22:00	33.5	115.4
2/20/2007 23:00	42.9	97.8
2/21/2007 0:00	33.6	84.6
2/21/2007 1:00	106.0	111.0
2/21/2007 2:00	147.8	93.7
2/21/2007 3:00	282.4	98.2
2/21/2007 4:00	280.0	101.4
2/21/2007 5:00	289.3	237.0
2/21/2007 6:00	297.4	220.9
2/21/2007 7:00	109.4	21.7

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/21/2007 8:00	47.9	10.5
2/21/2007 9:00	50.4	12.1
2/21/2007 10:00	55.4	16.6
2/21/2007 11:00	58.3	23.9
2/21/2007 12:00	87.4	51.0
2/21/2007 13:00	96.3	138.8
2/21/2007 14:00	244.8	27.8
2/21/2007 15:00	71.3	28.3
2/21/2007 16:00	75.7	34.0
2/21/2007 17:00	83.3	40.9
2/21/2007 18:00	77.8	37.9
2/21/2007 19:00	61.1	28.2
2/21/2007 20:00	60.5	26.1
2/21/2007 21:00	60.7	26.8
2/21/2007 22:00	51.7	28.1
2/21/2007 23:00	73.5	33.1
2/22/2007 0:00	44.7	25.7
2/22/2007 1:00	24.3	11.5
2/22/2007 2:00	26.9	12.4
2/22/2007 3:00	26.7	18.1
2/22/2007 4:00	25.5	13.8
2/22/2007 5:00	34.7	17.5
2/22/2007 6:00	41.5	17.0
2/22/2007 7:00	33.8	14.9
2/22/2007 8:00	39.0	13.8
2/22/2007 9:00	36.4	14.1
2/22/2007 10:00	29.3	15.6
2/22/2007 11:00	29.6	17.6
2/22/2007 12:00	26.5	16.5
2/22/2007 13:00	23.6	16.4
2/22/2007 14:00	27.8	13.3
2/22/2007 15:00	24.7	16.0
2/22/2007 16:00	17.3	14.8
2/22/2007 17:00	19.5	15.3
2/22/2007 18:00	22.4	19.4
2/22/2007 19:00	19.4	17.9
2/22/2007 20:00	20.4	19.3
2/22/2007 21:00	17.4	17.1
2/22/2007 22:00	15.5	19.1
2/22/2007 23:00	13.1	21.1
2/23/2007 0:00	8.6	17.1
2/23/2007 1:00	4.7	17.5
2/23/2007 2:00	8.3	16.0
2/23/2007 3:00	11.1	15.5

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/23/2007 4:00	9.2	14.3
2/23/2007 5:00	8.8	13.8
2/23/2007 6:00	14.0	22.7
2/23/2007 7:00	49.7	44.8
2/23/2007 8:00	62.1	58.5
2/23/2007 9:00	56.2	55.3
2/23/2007 10:00	32.1	44.3
2/23/2007 11:00	11.1	41.5
2/23/2007 12:00	13.2	41.0
2/23/2007 13:00	14.0	41.1
2/23/2007 14:00	15.0	41.1
2/23/2007 15:00	13.8	42.6
2/23/2007 16:00	18.9	41.3
2/23/2007 17:00	15.0	43.5
2/23/2007 18:00	14.6	51.7
2/23/2007 19:00	11.9	47.9
2/23/2007 20:00	9.4	47.7
2/23/2007 21:00	9.9	40.6
2/23/2007 22:00	9.5	36.5
2/23/2007 23:00	16.2	38.2
2/24/2007 0:00	11.6	52.1
2/24/2007 1:00	15.6	65.3
2/24/2007 2:00	44.7	41.9
2/24/2007 3:00	23.3	42.6
2/24/2007 4:00	31.8	44.4
2/24/2007 5:00	56.9	35.4
2/24/2007 6:00	28.8	49.0
2/24/2007 7:00	27.1	49.7
2/24/2007 8:00	17.6	52.4
2/24/2007 9:00	5.6	26.1
2/24/2007 10:00	2.6	19.6
2/24/2007 11:00	1.0	22.1
2/24/2007 12:00	0.3	22.7
2/24/2007 13:00	1.4	28.5
2/24/2007 14:00	2.5	21.6
2/24/2007 15:00	3.0	20.9
2/24/2007 16:00	8.3	24.3
2/24/2007 17:00	4.5	22.0
2/24/2007 18:00	0.5	18.5
2/24/2007 19:00	1.1	17.0
2/24/2007 20:00	1.3	11.0
2/24/2007 21:00	1.0	11.9
2/24/2007 22:00	0.6	13.0
2/24/2007 23:00	1.9	13.6

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/25/2007 0:00	1.1	6.5
2/25/2007 1:00	1.5	9.4
2/25/2007 2:00	2.4	8.1
2/25/2007 3:00	1.6	6.5
2/25/2007 4:00	1.5	3.6
2/25/2007 5:00	2.0	5.4
2/25/2007 6:00	3.4	6.7
2/25/2007 7:00	3.0	5.6
2/25/2007 8:00	2.7	7.4
2/25/2007 9:00	2.3	7.9
2/25/2007 10:00	3.1	9.7
2/25/2007 11:00	3.4	11.7
2/25/2007 12:00	3.1	11.8
2/25/2007 13:00	3.0	12.5
2/25/2007 14:00	2.6	17.7
2/25/2007 15:00	3.2	14.8
2/25/2007 16:00	3.2	18.1
2/25/2007 17:00	3.6	13.2
2/25/2007 18:00	4.8	23.2
2/25/2007 19:00	5.3	25.5
2/25/2007 20:00	4.7	18.7
2/25/2007 21:00	4.7	17.2
2/25/2007 22:00	4.9	24.3
2/25/2007 23:00	8.6	10.9
2/26/2007 0:00	24.9	18.8
2/26/2007 1:00	34.1	9.7
2/26/2007 2:00	34.5	14.3
2/26/2007 3:00	16.9	5.5
2/26/2007 4:00	9.9	3.8
2/26/2007 5:00	13.3	4.0
2/26/2007 6:00	19.5	6.1
2/26/2007 7:00	23.2	4.6
2/26/2007 8:00	28.8	7.4
2/26/2007 9:00	46.2	6.6
2/26/2007 10:00	40.4	6.9
2/26/2007 11:00	44.0	8.5
2/26/2007 12:00	45.4	8.6
2/26/2007 13:00	30.9	6.7
2/26/2007 14:00	41.4	7.6
2/26/2007 15:00	50.1	7.6
2/26/2007 16:00	37.1	8.4
2/26/2007 17:00	45.7	7.9
2/26/2007 18:00	43.6	8.1
2/26/2007 19:00	44.0	9.2

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/26/2007 20:00	47.3	10.2
2/26/2007 21:00	50.3	8.3
2/26/2007 22:00	61.7	8.6
2/26/2007 23:00	52.3	9.4
2/27/2007 0:00	47.7	10.2
2/27/2007 1:00	38.3	10.1
2/27/2007 2:00	30.5	8.5
2/27/2007 3:00	39.4	6.6
2/27/2007 4:00	29.6	8.1
2/27/2007 5:00	35.8	7.6
2/27/2007 6:00	36.8	7.5
2/27/2007 7:00	39.9	9.8
2/27/2007 8:00	59.8	15.4
2/27/2007 9:00	80.5	26.7
2/27/2007 10:00	80.5	34.9
2/27/2007 11:00	72.6	35.4
2/27/2007 12:00	59.2	24.8
2/27/2007 13:00	50.4	18.7
2/27/2007 14:00	51.2	15.0
2/27/2007 15:00	51.1	16.3
2/27/2007 16:00	46.6	14.2
2/27/2007 17:00	46.6	11.9
2/27/2007 18:00	45.6	12.0
2/27/2007 19:00	62.6	20.3
2/27/2007 20:00	71.0	21.2
2/27/2007 21:00	67.2	15.0
2/27/2007 22:00	55.8	15.9
2/27/2007 23:00	58.3	15.8
2/28/2007 0:00	56.8	15.1
2/28/2007 1:00	50.4	22.1
2/28/2007 2:00	71.7	22.8
2/28/2007 3:00	52.6	23.5
2/28/2007 4:00	45.5	20.8
2/28/2007 5:00	71.9	22.3
2/28/2007 6:00	49.5	29.5
2/28/2007 7:00	63.3	53.7
2/28/2007 8:00	112.1	72.9
2/28/2007 9:00	112.1	67.5
2/28/2007 10:00	74.3	60.4
2/28/2007 11:00	80.8	50.4
2/28/2007 12:00	44.5	55.0
2/28/2007 13:00	27.8	57.9
2/28/2007 14:00	19.9	42.4
2/28/2007 15:00	16.0	45.7

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/28/2007 16:00	15.3	51.6
2/28/2007 17:00	10.0	69.3
2/28/2007 18:00	8.6	64.9
2/28/2007 19:00	14.6	60.0
2/28/2007 20:00	15.6	68.6
2/28/2007 21:00	11.6	55.1
2/28/2007 22:00	10.3	50.9
2/28/2007 23:00	9.4	50.4
3/1/2007 0:00	9.2	38.9
3/1/2007 1:00	7.1	24.0
3/1/2007 2:00	5.3	19.0
3/1/2007 3:00	4.0	12.8
3/1/2007 4:00	3.5	13.7
3/1/2007 5:00	3.0	16.1
3/1/2007 6:00	2.9	13.0
3/1/2007 7:00	3.2	22.2
3/1/2007 8:00	4.7	21.5
3/1/2007 9:00	8.9	31.0
3/1/2007 10:00	9.7	31.3
3/1/2007 11:00	13.5	33.3
3/1/2007 12:00	12.0	47.7
3/1/2007 13:00	11.8	35.3
3/1/2007 14:00	9.1	31.1
3/1/2007 15:00	11.6	35.8
3/1/2007 16:00	11.7	38.2
3/1/2007 17:00	12.6	38.9
3/1/2007 18:00	12.1	38.0
3/1/2007 19:00	10.9	30.0
3/1/2007 20:00	9.7	33.7
3/1/2007 21:00	11.4	32.7
3/1/2007 22:00	12.9	45.7
3/1/2007 23:00	11.1	24.0
3/2/2007 0:00	8.3	23.7
3/2/2007 1:00	7.4	26.6
3/2/2007 2:00	21.9	10.7
3/2/2007 3:00	15.6	5.7
3/2/2007 4:00	11.2	3.7
3/2/2007 5:00	11.5	3.9
3/2/2007 6:00	11.3	7.9
3/2/2007 7:00	15.4	7.0
3/2/2007 8:00	16.7	6.9
3/2/2007 9:00	20.7	4.7
3/2/2007 10:00	18.2	7.3
3/2/2007 11:00	14.9	5.1

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/2/2007 12:00	13.5	4.0
3/2/2007 13:00	12.6	2.3
3/2/2007 14:00	15.3	4.3
3/2/2007 15:00	12.5	2.9
3/2/2007 16:00	13.4	4.1
3/2/2007 17:00	10.1	2.8
3/2/2007 18:00	13.0	3.1
3/2/2007 19:00	10.2	2.1
3/2/2007 20:00	12.0	3.1
3/2/2007 21:00	12.2	2.5
3/2/2007 22:00	11.7	2.0
3/2/2007 23:00	12.3	2.6
3/3/2007 0:00	9.6	1.7
3/3/2007 1:00	6.0	1.5
3/3/2007 2:00	7.8	2.5
3/3/2007 3:00	4.9	1.2
3/3/2007 4:00	5.8	1.6
3/3/2007 5:00	4.3	0.8
3/3/2007 6:00	4.3	1.4
3/3/2007 7:00	8.8	2.1
3/3/2007 8:00	7.0	1.9
3/3/2007 9:00	8.8	1.1
3/3/2007 10:00	8.0	1.9
3/3/2007 11:00	9.9	2.4
3/3/2007 12:00	12.8	2.4
3/3/2007 13:00	8.3	2.7
3/3/2007 14:00	10.7	3.0
3/3/2007 15:00	10.3	3.3
3/3/2007 16:00	10.6	3.6
3/3/2007 17:00	17.4	4.4
3/3/2007 18:00	20.6	7.2
3/3/2007 19:00	15.1	7.9
3/3/2007 20:00	12.7	3.9
3/3/2007 21:00	11.3	2.9
3/3/2007 22:00	7.7	2.9
3/3/2007 23:00	6.1	3.3
3/4/2007 0:00	7.0	3.5
3/4/2007 1:00	6.8	3.3
3/4/2007 2:00	6.4	2.4
3/4/2007 3:00	6.3	2.7
3/4/2007 4:00	3.1	2.9
3/4/2007 5:00	4.8	2.3
3/4/2007 6:00	5.2	2.4
3/4/2007 7:00	7.4	2.5

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/4/2007 8:00	9.8	2.8
3/4/2007 9:00	11.2	2.4
3/4/2007 10:00	14.8	2.5
3/4/2007 11:00	12.7	2.3
3/4/2007 12:00	9.1	1.4
3/4/2007 13:00	10.4	0.8
3/4/2007 14:00	9.3	1.0
3/4/2007 15:00	10.9	1.5
3/4/2007 16:00	13.7	1.7
3/4/2007 17:00	11.6	1.1
3/4/2007 18:00	12.1	1.6
3/4/2007 19:00	14.5	4.1
3/4/2007 20:00	15.9	5.2
3/4/2007 21:00	14.5	6.2
3/4/2007 22:00	12.1	4.4
3/4/2007 23:00	14.1	2.9
3/5/2007 0:00	11.4	3.6
3/5/2007 1:00	11.6	4.2
3/5/2007 2:00	12.1	5.2
3/5/2007 3:00	11.3	3.7
3/5/2007 4:00	13.3	3.6
3/5/2007 5:00	17.7	4.4
3/5/2007 6:00	21.3	5.2
3/5/2007 7:00	30.4	7.9
3/5/2007 8:00	29.5	22.7
3/5/2007 9:00	28.6	27.0
3/5/2007 10:00	20.1	20.4
3/5/2007 11:00	14.3	15.2
3/5/2007 12:00	12.8	12.7
3/5/2007 13:00	15.6	12.5
3/5/2007 14:00	16.1	12.7
3/5/2007 15:00	16.3	11.7
3/5/2007 16:00	18.4	16.2
3/5/2007 17:00	17.7	17.8
3/5/2007 18:00	16.3	20.3
3/5/2007 19:00	20.2	17.5
3/5/2007 20:00	21.7	20.3
3/5/2007 21:00	21.3	23.1
3/5/2007 22:00	12.6	19.7
3/5/2007 23:00	3.4	21.0
3/6/2007 0:00	8.5	12.1
3/6/2007 1:00	1.7	11.3
3/6/2007 2:00	2.3	8.4
3/6/2007 3:00	3.0	11.9

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/6/2007 4:00	21.7	20.2
3/6/2007 5:00	23.6	18.1
3/6/2007 6:00	10.3	23.6
3/6/2007 7:00	17.9	34.3
3/6/2007 8:00	20.0	55.7
3/6/2007 9:00	23.0	61.1
3/6/2007 10:00	25.6	59.6
3/6/2007 11:00	17.8	44.0
3/6/2007 12:00	29.5	15.1
3/6/2007 13:00	30.8	19.2
3/6/2007 14:00	40.7	18.1
3/6/2007 15:00	40.3	23.0
3/6/2007 16:00	43.6	14.9
3/6/2007 17:00	37.2	9.5
3/6/2007 18:00	50.3	8.3
3/6/2007 19:00	57.7	7.5
3/6/2007 20:00	42.0	7.8
3/6/2007 21:00	46.3	11.7
3/6/2007 22:00	32.9	11.4
3/6/2007 23:00	19.1	16.3
3/7/2007 0:00	24.5	18.7
3/7/2007 1:00	18.1	23.7
3/7/2007 2:00	14.7	54.1
3/7/2007 3:00	17.1	53.9
3/7/2007 4:00	12.4	38.8
3/7/2007 5:00	10.3	46.1
3/7/2007 6:00	10.5	49.3
3/7/2007 7:00	7.1	46.4
3/7/2007 8:00	11.4	73.8
3/7/2007 9:00	10.0	80.7
3/7/2007 10:00	5.5	60.9
3/7/2007 11:00	5.5	55.3
3/7/2007 12:00	7.3	44.8
3/7/2007 13:00	9.3	46.7
3/7/2007 14:00	11.7	46.4
3/7/2007 15:00	20.8	39.7
3/7/2007 16:00	28.3	18.4
3/7/2007 17:00	16.5	10.0
3/7/2007 18:00	16.8	9.5
3/7/2007 19:00	34.7	6.0
3/7/2007 20:00	52.4	5.8
3/7/2007 21:00	57.8	7.0
3/7/2007 22:00	75.0	5.9
3/7/2007 23:00	83.7	6.1

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/8/2007 0:00	75.1	5.3
3/8/2007 1:00	44.1	3.3
3/8/2007 2:00	73.7	5.9
3/8/2007 3:00	105.2	13.2
3/8/2007 4:00	96.5	21.3
3/8/2007 5:00	115.7	34.1
3/8/2007 6:00	109.2	40.7
3/8/2007 7:00	102.3	53.2
3/8/2007 8:00	115.8	167.4
3/8/2007 9:00	209.4	172.9
3/8/2007 10:00	129.4	124.7
3/8/2007 11:00	123.4	98.3
3/8/2007 12:00	100.7	83.2
3/8/2007 13:00	76.9	65.6
3/8/2007 14:00	51.3	35.7
3/8/2007 15:00	50.1	37.0
3/8/2007 16:00	37.4	24.2
3/8/2007 17:00	19.5	13.6
3/8/2007 18:00	17.0	13.7
3/8/2007 19:00	15.0	11.8
3/8/2007 20:00	19.5	15.6
3/8/2007 21:00	14.5	11.7
3/8/2007 22:00	18.2	8.2
3/8/2007 23:00	22.8	32.1
3/9/2007 0:00	24.5	27.3
3/9/2007 1:00	12.8	26.3
3/9/2007 2:00	10.7	46.8
3/9/2007 3:00	11.4	39.3
3/9/2007 4:00	11.7	41.5
3/9/2007 5:00	9.0	38.6
3/9/2007 6:00	17.3	11.0
3/9/2007 7:00	21.3	47.6
3/9/2007 8:00	50.2	100.4
3/9/2007 9:00	35.0	71.7
3/9/2007 10:00	23.6	23.3
3/9/2007 11:00	28.5	20.8
3/9/2007 12:00	27.0	25.7
3/9/2007 13:00	26.1	21.3
3/9/2007 14:00	23.1	22.2
3/9/2007 15:00	25.4	20.4
3/9/2007 16:00	23.5	20.5
3/9/2007 17:00	29.1	22.1
3/9/2007 18:00	30.7	23.8
3/9/2007 19:00	42.7	58.0

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/9/2007 20:00	45.0	128.7
3/9/2007 21:00	43.1	99.0
3/9/2007 22:00	34.0	99.0
3/9/2007 23:00	56.5	96.7
3/10/2007 0:00	59.5	78.6
3/10/2007 1:00	60.9	71.0
3/10/2007 2:00	49.1	81.0
3/10/2007 3:00	51.9	82.2
3/10/2007 4:00	49.7	19.2
3/10/2007 5:00	24.4	16.9
3/10/2007 6:00	27.5	15.9
3/10/2007 7:00	18.4	9.6
3/10/2007 8:00	21.0	7.5
3/10/2007 9:00	24.4	8.0
3/10/2007 10:00	19.6	8.5
3/10/2007 11:00	20.6	8.7
3/10/2007 12:00	20.4	9.0
3/10/2007 13:00	17.1	9.2
3/10/2007 14:00	16.6	8.1
3/10/2007 15:00	14.8	7.2
3/10/2007 16:00	14.1	6.9
3/10/2007 17:00	14.8	7.4
3/10/2007 18:00	13.4	5.5
3/10/2007 19:00	14.5	5.6
3/10/2007 20:00	15.5	6.7
3/10/2007 21:00	21.7	8.6
3/10/2007 22:00	27.6	11.1
3/10/2007 23:00	31.3	6.6
3/11/2007 0:00	28.5	7.9
3/11/2007 1:00	19.8	7.3
3/11/2007 2:00		
3/11/2007 3:00	24.1	15.6
3/11/2007 4:00	20.4	22.6
3/11/2007 5:00	20.8	22.5
3/11/2007 6:00	17.9	21.0
3/11/2007 7:00	15.3	15.1
3/11/2007 8:00	27.4	24.8
3/11/2007 9:00	62.8	51.3
3/11/2007 10:00	11.9	16.5
3/11/2007 11:00	11.8	16.9
3/11/2007 12:00	10.7	14.9
3/11/2007 13:00	12.3	17.0
3/11/2007 14:00	16.7	14.8
3/11/2007 15:00	27.5	25.4

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/11/2007 16:00	17.2	18.5
3/11/2007 17:00	24.6	8.9
3/11/2007 18:00	23.7	7.5
3/11/2007 19:00	22.8	6.1
3/11/2007 20:00	28.0	4.9
3/11/2007 21:00	41.8	4.4
3/11/2007 22:00	42.0	4.6
3/11/2007 23:00	53.5	4.4
3/12/2007 0:00	48.7	5.4
3/12/2007 1:00	41.2	3.8
3/12/2007 2:00	36.3	6.3
3/12/2007 3:00	39.9	7.2
3/12/2007 4:00	49.4	8.9
3/12/2007 5:00	54.4	11.1
3/12/2007 6:00	69.8	11.4
3/12/2007 7:00	92.2	11.7
3/12/2007 8:00	72.2	11.7
3/12/2007 9:00	72.8	15.3
3/12/2007 10:00	62.1	15.0
3/12/2007 11:00	71.0	19.2
3/12/2007 12:00	57.2	28.1
3/12/2007 13:00	48.0	17.8
3/12/2007 14:00	46.7	14.7
3/12/2007 15:00	37.7	11.8
3/12/2007 16:00	37.2	15.5
3/12/2007 17:00	32.1	13.7
3/12/2007 18:00	33.4	12.8
3/12/2007 19:00	42.6	15.8
3/12/2007 20:00	45.5	16.4
3/12/2007 21:00	51.6	17.3
3/12/2007 22:00	47.1	16.0
3/12/2007 23:00	56.6	16.8
3/13/2007 0:00	63.0	18.3
3/13/2007 1:00	53.8	18.5
3/13/2007 2:00	66.0	20.1
3/13/2007 3:00	71.2	19.8
3/13/2007 4:00	96.5	18.7
3/13/2007 5:00	115.0	15.9
3/13/2007 6:00	90.6	16.6
3/13/2007 7:00	76.6	18.3
3/13/2007 8:00	89.8	23.4
3/13/2007 9:00	80.7	30.5
3/13/2007 10:00	53.0	26.1
3/13/2007 11:00	40.5	20.6

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/13/2007 12:00	40.4	16.5
3/13/2007 13:00	32.1	13.0
3/13/2007 14:00	23.5	10.3
3/13/2007 15:00	23.3	7.7
3/13/2007 16:00	20.8	5.5
3/13/2007 17:00	21.0	5.3
3/13/2007 18:00	21.3	4.4
3/13/2007 19:00	27.5	4.8
3/13/2007 20:00	39.4	8.1
3/13/2007 21:00	33.0	7.5
3/13/2007 22:00	27.5	6.1
3/13/2007 23:00	36.9	7.1
3/14/2007 0:00	38.1	8.1
3/14/2007 1:00	27.1	8.3
3/14/2007 2:00	29.4	9.6
3/14/2007 3:00	49.1	9.2
3/14/2007 4:00	33.6	6.4
3/14/2007 5:00	15.7	3.7
3/14/2007 6:00	41.7	4.0
3/14/2007 7:00	53.9	6.4
3/14/2007 8:00	38.3	7.1
3/14/2007 9:00	79.7	9.0
3/14/2007 10:00	36.2	9.5
3/14/2007 11:00	34.4	7.2
3/14/2007 12:00	29.0	8.0
3/14/2007 13:00	23.9	6.7
3/14/2007 14:00	21.8	6.1
3/14/2007 15:00	23.4	5.2
3/14/2007 16:00	31.4	6.6
3/14/2007 17:00	32.7	10.0
3/14/2007 18:00	37.9	15.9
3/14/2007 19:00	43.9	47.5
3/14/2007 20:00	16.4	39.3
3/14/2007 21:00	9.1	27.0
3/14/2007 22:00	4.5	26.4
3/14/2007 23:00	3.6	20.4
3/15/2007 0:00	4.2	17.1
3/15/2007 1:00	4.2	17.5
3/15/2007 2:00	4.0	13.8
3/15/2007 3:00	2.8	10.9
3/15/2007 4:00	1.9	9.0
3/15/2007 5:00	2.8	14.9
3/15/2007 6:00	2.8	18.2
3/15/2007 7:00	9.8	42.2

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/15/2007 8:00	27.2	63.6
3/15/2007 9:00	32.4	82.4
3/15/2007 10:00	9.6	37.0
3/15/2007 11:00	7.6	35.4
3/15/2007 12:00	7.1	31.5
3/15/2007 13:00	4.1	29.8
3/15/2007 14:00	3.8	27.0
3/15/2007 15:00	1.5	24.3
3/15/2007 16:00	1.9	24.1
3/15/2007 17:00	3.0	31.3
3/15/2007 18:00	4.4	35.5
3/15/2007 19:00	5.0	26.7
3/15/2007 20:00	5.1	26.9
3/15/2007 21:00	3.5	22.7
3/15/2007 22:00	4.2	24.7
3/15/2007 23:00	3.5	24.3
3/16/2007 0:00	3.0	19.4
3/16/2007 1:00	5.5	20.7
3/16/2007 2:00	4.3	9.5
3/16/2007 3:00	2.3	7.7
3/16/2007 4:00	3.2	8.9
3/16/2007 5:00	5.4	16.1
3/16/2007 6:00	3.9	24.0
3/16/2007 7:00	7.5	27.6
3/16/2007 8:00	8.8	31.1
3/16/2007 9:00	11.5	37.2
3/16/2007 10:00	11.8	24.5
3/16/2007 11:00	5.3	26.9
3/16/2007 12:00	5.5	24.7
3/16/2007 13:00	3.3	25.1
3/16/2007 14:00	94.7	20.2
3/16/2007 15:00	5.5	107.6
3/16/2007 16:00	6.7	25.7
3/16/2007 17:00	7.1	31.4
3/16/2007 18:00	6.2	28.5
3/16/2007 19:00	5.8	26.0
3/16/2007 20:00	6.7	32.1
3/16/2007 21:00	7.6	24.3
3/16/2007 22:00	6.4	21.1
3/16/2007 23:00	5.5	18.1
3/17/2007 0:00	5.7	20.6
3/17/2007 1:00	6.0	14.7
3/17/2007 2:00	8.1	14.1
3/17/2007 3:00	6.5	16.0

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/17/2007 4:00	10.5	14.8
3/17/2007 5:00	8.4	14.2
3/17/2007 6:00	18.3	13.8
3/17/2007 7:00	25.7	21.1
3/17/2007 8:00	23.5	24.3
3/17/2007 9:00	15.4	30.4
3/17/2007 10:00	12.1	26.5
3/17/2007 11:00	5.6	18.5
3/17/2007 12:00	6.4	19.7
3/17/2007 13:00	4.7	15.4
3/17/2007 14:00	4.6	15.1
3/17/2007 15:00	11.4	13.0
3/17/2007 16:00	7.2	15.5
3/17/2007 17:00	6.8	12.0
3/17/2007 18:00	9.2	15.0
3/17/2007 19:00	10.4	11.4
3/17/2007 20:00	12.8	12.6
3/17/2007 21:00	16.9	14.3
3/17/2007 22:00	19.5	19.5
3/17/2007 23:00	22.4	19.3
3/18/2007 0:00	16.6	17.1
3/18/2007 1:00	16.9	17.0
3/18/2007 2:00	13.1	13.7
3/18/2007 3:00	15.9	13.1
3/18/2007 4:00	11.8	11.9
3/18/2007 5:00	10.9	10.1
3/18/2007 6:00	12.2	11.3
3/18/2007 7:00	15.5	15.0
3/18/2007 8:00	20.1	18.9
3/18/2007 9:00	18.4	17.3
3/18/2007 10:00	15.1	12.2
3/18/2007 11:00	13.2	12.4
3/18/2007 12:00	15.7	10.3
3/18/2007 13:00	13.2	11.6
3/18/2007 14:00	11.2	9.1
3/18/2007 15:00	11.1	6.3
3/18/2007 16:00	16.1	5.7
3/18/2007 17:00	15.5	4.4
3/18/2007 18:00	16.1	2.8
3/18/2007 19:00	24.0	5.8
3/18/2007 20:00	42.4	3.4
3/18/2007 21:00	45.9	7.2
3/18/2007 22:00	77.1	14.3
3/18/2007 23:00	33.8	7.4

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/19/2007 0:00	37.8	3.4
3/19/2007 1:00	25.1	1.7
3/19/2007 2:00	25.5	6.3
3/19/2007 3:00	25.7	8.8
3/19/2007 4:00	19.1	8.2
3/19/2007 5:00	10.9	3.3
3/19/2007 6:00	16.7	2.3
3/19/2007 7:00	25.5	3.2
3/19/2007 8:00	20.5	6.1
3/19/2007 9:00	34.4	4.2
3/19/2007 10:00	37.0	3.6
3/19/2007 11:00	33.4	5.6
3/19/2007 12:00	28.5	5.6
3/19/2007 13:00	32.5	6.1
3/19/2007 14:00	34.4	9.3
3/19/2007 15:00	44.3	13.3
3/19/2007 16:00	37.7	11.4
3/19/2007 17:00	39.5	11.8
3/19/2007 18:00	34.3	10.0
3/19/2007 19:00	43.0	8.7
3/19/2007 20:00	59.4	11.0
3/19/2007 21:00	83.9	16.2
3/19/2007 22:00	57.8	20.6
3/19/2007 23:00	55.9	32.5
3/20/2007 0:00	90.2	152.4
3/20/2007 1:00	85.0	87.7
3/20/2007 2:00	41.0	73.7
3/20/2007 3:00	86.8	64.9
3/20/2007 4:00	33.0	45.5
3/20/2007 5:00	7.8	22.3
3/20/2007 6:00	7.9	24.9
3/20/2007 7:00	10.0	30.0
3/20/2007 8:00	11.1	46.2
3/20/2007 9:00	13.0	41.1
3/20/2007 10:00	8.6	42.5
3/20/2007 11:00	3.7	38.1
3/20/2007 12:00	3.3	42.9
3/20/2007 13:00	3.2	44.9
3/20/2007 14:00	3.4	41.2
3/20/2007 15:00	3.4	34.8
3/20/2007 16:00	3.7	43.1
3/20/2007 17:00	6.8	44.3
3/20/2007 18:00	6.2	43.3
3/20/2007 19:00	1.5	39.1

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/20/2007 20:00	2.1	49.6
3/20/2007 21:00	5.7	29.8
3/20/2007 22:00	7.2	55.4
3/20/2007 23:00	7.4	51.3
3/21/2007 0:00	4.7	34.0
3/21/2007 1:00	3.1	23.1
3/21/2007 2:00	4.3	26.9
3/21/2007 3:00	7.9	36.3
3/21/2007 4:00	6.5	21.9
3/21/2007 5:00	6.8	28.1
3/21/2007 6:00	9.5	30.1
3/21/2007 7:00	11.2	40.1
3/21/2007 8:00	11.2	42.7
3/21/2007 9:00	16.5	31.8
3/21/2007 10:00	19.6	12.6
3/21/2007 11:00	22.0	11.9
3/21/2007 12:00	22.7	15.8
3/21/2007 13:00	28.2	18.2
3/21/2007 14:00	42.8	19.0
3/21/2007 15:00	52.2	20.0
3/21/2007 16:00	52.6	20.2
3/21/2007 17:00	45.1	21.7
3/21/2007 18:00	31.2	21.4
3/21/2007 19:00	29.6	21.4
3/21/2007 20:00	36.0	22.3
3/21/2007 21:00	82.6	37.5
3/21/2007 22:00	42.8	7.2
3/21/2007 23:00	34.3	6.5
3/22/2007 0:00	21.4	6.1
3/22/2007 1:00	28.9	8.0
3/22/2007 2:00	33.5	5.9
3/22/2007 3:00	15.0	6.1
3/22/2007 4:00	15.1	9.1
3/22/2007 5:00	17.6	10.5
3/22/2007 6:00	19.9	8.8
3/22/2007 7:00	11.2	6.5
3/22/2007 8:00	21.5	10.8
3/22/2007 9:00	29.6	12.0
3/22/2007 10:00	20.3	8.0
3/22/2007 11:00	19.1	6.3
3/22/2007 12:00	24.5	8.2
3/22/2007 13:00	20.5	9.1
3/22/2007 14:00	22.7	5.8
3/22/2007 15:00	24.6	7.2

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/22/2007 16:00	29.4	12.1
3/22/2007 17:00	27.4	5.7
3/22/2007 18:00	30.1	5.7
3/22/2007 19:00	32.4	7.0
3/22/2007 20:00	40.7	28.5
3/22/2007 21:00	59.0	59.6
3/22/2007 22:00	51.0	12.0
3/22/2007 23:00	51.6	10.2
3/23/2007 0:00	70.5	35.1
3/23/2007 1:00	82.7	33.6
3/23/2007 2:00	76.5	140.4
3/23/2007 3:00	47.7	82.3
3/23/2007 4:00	77.9	45.6
3/23/2007 5:00	69.5	90.7
3/23/2007 6:00	141.0	127.5
3/23/2007 7:00	144.3	57.7
3/23/2007 8:00	134.9	94.1
3/23/2007 9:00	145.8	225.3
3/23/2007 10:00	118.3	149.9
3/23/2007 11:00	54.2	95.2
3/23/2007 12:00	24.7	71.1
3/23/2007 13:00	10.0	49.8
3/23/2007 14:00	3.3	38.1
3/23/2007 15:00	3.5	33.3
3/23/2007 16:00	8.4	37.0
3/23/2007 17:00	6.1	24.8
3/23/2007 18:00	4.8	21.8
3/23/2007 19:00	5.3	27.9
3/23/2007 20:00	5.6	30.7
3/23/2007 21:00	5.1	31.5
3/23/2007 22:00	8.9	31.9
3/23/2007 23:00	4.6	18.2
3/24/2007 0:00	3.4	28.7
3/24/2007 1:00	4.1	14.1
3/24/2007 2:00	4.1	16.3
3/24/2007 3:00	5.1	29.0
3/24/2007 4:00	5.1	18.3
3/24/2007 5:00	6.9	20.8
3/24/2007 6:00	17.7	12.6
3/24/2007 7:00	16.3	27.7
3/24/2007 8:00	27.8	22.7
3/24/2007 9:00	33.4	13.7
3/24/2007 10:00	40.8	17.2
3/24/2007 11:00	41.8	26.7

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/24/2007 12:00	43.1	30.4
3/24/2007 13:00	32.7	24.8
3/24/2007 14:00	28.0	17.4
3/24/2007 15:00	36.4	32.4
3/24/2007 16:00	21.6	23.5
3/24/2007 17:00	17.9	16.3
3/24/2007 18:00	15.9	15.3
3/24/2007 19:00	18.1	20.6
3/24/2007 20:00	29.4	33.9
3/24/2007 21:00	41.1	73.1
3/24/2007 22:00	28.8	55.4
3/24/2007 23:00	6.5	14.8
3/25/2007 0:00	3.6	8.7
3/25/2007 1:00	4.7	10.4
3/25/2007 2:00	30.3	31.7
3/25/2007 3:00	16.2	26.3
3/25/2007 4:00	23.0	29.2
3/25/2007 5:00	9.1	15.8
3/25/2007 6:00	9.3	15.4
3/25/2007 7:00	8.1	14.1
3/25/2007 8:00	7.1	14.1
3/25/2007 9:00	9.0	18.8
3/25/2007 10:00	6.8	14.1
3/25/2007 11:00	13.2	12.0
3/25/2007 12:00	6.8	10.7
3/25/2007 13:00	7.0	9.2
3/25/2007 14:00	4.1	4.2
3/25/2007 15:00	5.0	8.1
3/25/2007 16:00	5.6	12.1
3/25/2007 17:00	5.8	15.5
3/25/2007 18:00	4.8	16.5
3/25/2007 19:00	4.5	21.3
3/25/2007 20:00	5.0	25.5
3/25/2007 21:00	5.9	24.7
3/25/2007 22:00	6.4	32.6
3/25/2007 23:00	9.1	43.5
3/26/2007 0:00	10.9	38.9
3/26/2007 1:00	13.8	36.2
3/26/2007 2:00	17.0	40.6
3/26/2007 3:00	16.7	61.1
3/26/2007 4:00	15.9	62.8
3/26/2007 5:00	11.7	11.4
3/26/2007 6:00	25.3	41.5
3/26/2007 7:00	15.2	54.7

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/26/2007 8:00	50.7	24.1
3/26/2007 9:00	51.7	11.5
3/26/2007 10:00	63.8	16.8
3/26/2007 11:00	33.5	10.7
3/26/2007 12:00	22.2	6.9
3/26/2007 13:00	21.4	6.2
3/26/2007 14:00	19.7	4.2
3/26/2007 15:00	20.3	3.2
3/26/2007 16:00	19.3	3.5
3/26/2007 17:00	20.1	4.6
3/26/2007 18:00	20.8	4.0
3/26/2007 19:00	29.1	4.7
3/26/2007 20:00	31.1	5.0
3/26/2007 21:00	40.1	6.9
3/26/2007 22:00	41.1	5.4
3/26/2007 23:00	48.3	10.6
3/27/2007 0:00	40.6	11.7
3/27/2007 1:00	23.6	7.2
3/27/2007 2:00	30.4	8.9
3/27/2007 3:00	38.9	9.9
3/27/2007 4:00	45.9	8.2
3/27/2007 5:00	79.2	13.6
3/27/2007 6:00	82.1	8.5
3/27/2007 7:00	70.3	20.4
3/27/2007 8:00	83.2	15.9
3/27/2007 9:00	95.9	24.4
3/27/2007 10:00	54.4	21.4
3/27/2007 11:00	44.0	15.7
3/27/2007 12:00	36.8	13.6
3/27/2007 13:00	31.5	9.7
3/27/2007 14:00	27.9	7.6
3/27/2007 15:00	27.7	4.9
3/27/2007 16:00	23.7	3.3
3/27/2007 17:00	14.9	25.0
3/27/2007 18:00	10.2	47.3
3/27/2007 19:00	11.8	48.3
3/27/2007 20:00	15.9	50.5
3/27/2007 21:00	13.7	56.0
3/27/2007 22:00	10.1	36.2
3/27/2007 23:00	6.2	24.3
3/28/2007 0:00	5.0	19.2
3/28/2007 1:00	5.2	9.3
3/28/2007 2:00	5.1	10.3
3/28/2007 3:00	5.0	12.6

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/28/2007 4:00	4.4	13.8
3/28/2007 5:00	4.1	12.0
3/28/2007 6:00	4.3	13.7
3/28/2007 7:00	5.6	18.8
3/28/2007 8:00	8.4	25.3
3/28/2007 9:00	7.7	33.5
3/28/2007 10:00	6.3	27.8
3/28/2007 11:00	5.1	27.1
3/28/2007 12:00	4.2	27.7
3/28/2007 13:00	2.5	31.0
3/28/2007 14:00	2.3	23.9
3/28/2007 15:00	2.7	35.5
3/28/2007 16:00	4.3	32.9
3/28/2007 17:00	4.9	33.2
3/28/2007 18:00	3.6	34.1
3/28/2007 19:00	3.2	30.4
3/28/2007 20:00	11.4	37.9
3/28/2007 21:00	9.3	40.6
3/28/2007 22:00	4.6	27.1
3/28/2007 23:00	4.0	17.5
3/29/2007 0:00	3.0	14.1
3/29/2007 1:00	1.2	9.2
3/29/2007 2:00	2.2	9.6
3/29/2007 3:00	0.8	8.9
3/29/2007 4:00	1.2	9.8
3/29/2007 5:00	1.2	11.4
3/29/2007 6:00	1.8	14.4
3/29/2007 7:00	2.6	17.4
3/29/2007 8:00	3.5	22.9
3/29/2007 9:00	5.0	24.9
3/29/2007 10:00	3.0	25.4
3/29/2007 11:00	2.2	34.6
3/29/2007 12:00	1.8	24.5
3/29/2007 13:00	1.1	28.0
3/29/2007 14:00	0.9	25.1
3/29/2007 15:00	0.6	26.5
3/29/2007 16:00	1.7	30.4
3/29/2007 17:00	1.0	31.0
3/29/2007 18:00	1.1	25.3
3/29/2007 19:00	1.2	31.9
3/29/2007 20:00	4.3	38.1
3/29/2007 21:00	4.4	64.7
3/29/2007 22:00	5.1	90.4
3/29/2007 23:00	8.0	64.4

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/30/2007 0:00	8.2	31.4
3/30/2007 1:00	8.9	31.8
3/30/2007 2:00	8.5	26.3
3/30/2007 3:00	6.4	33.7
3/30/2007 4:00	6.0	34.6
3/30/2007 5:00	9.3	34.2
3/30/2007 6:00	12.4	38.7
3/30/2007 7:00	10.8	56.5
3/30/2007 8:00	31.8	82.3
3/30/2007 9:00	58.0	106.6
3/30/2007 10:00	49.2	86.4
3/30/2007 11:00	35.8	61.3
3/30/2007 12:00	24.6	48.5
3/30/2007 13:00	16.0	51.9
3/30/2007 14:00	15.6	43.7
3/30/2007 15:00	15.2	46.7
3/30/2007 16:00	20.7	47.8
3/30/2007 17:00	20.9	48.1
3/30/2007 18:00	13.4	42.8
3/30/2007 19:00	12.4	47.2
3/30/2007 20:00	14.1	38.1
3/30/2007 21:00	8.9	29.3
3/30/2007 22:00	8.2	30.4
3/30/2007 23:00	17.6	33.6
3/31/2007 0:00	15.9	31.8
3/31/2007 1:00	13.5	24.3
3/31/2007 2:00	14.3	28.8
3/31/2007 3:00	9.1	17.4
3/31/2007 4:00	6.1	12.6
3/31/2007 5:00	7.8	13.6
3/31/2007 6:00	10.0	13.5
3/31/2007 7:00	11.7	18.6
3/31/2007 8:00	13.3	23.3
3/31/2007 9:00	13.1	25.8
3/31/2007 10:00	9.6	24.9
3/31/2007 11:00	8.5	26.3
3/31/2007 12:00	8.3	25.6
3/31/2007 13:00	7.1	24.7
3/31/2007 14:00	4.8	16.8
3/31/2007 15:00	3.9	17.2
3/31/2007 16:00	2.8	16.0
3/31/2007 17:00	2.6	15.3
3/31/2007 18:00	2.3	12.4
3/31/2007 19:00	3.2	12.3

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/31/2007 20:00	2.5	13.9
3/31/2007 21:00	2.9	11.2
3/31/2007 22:00	3.0	13.0
3/31/2007 23:00	4.0	11.3

Appendix A2

BAM Operation Description Record of PM_{2.5} Measurements

BAM Operation Description

Each hour, the BAM performs a cycle consisting of four steps in order to produce an average hourly PM_{2.5} concentration. Included in each cycle is an automatic calibration, which allows the instrument to provide highly accurate PM_{2.5} concentrations each hour.

Step 1: Initial Count

The BAM 1020 instrument houses a small ¹⁴C element, which emits a constant source of high-energy electrons, or beta particles. During the first step of the sampling cycle, a blank section of filter tape is exposed to this element and the beta particles passing through the tape are detected with high precision by an ultra-sensitive scintillation counter. This initial count (I₀) of the clean filter tape takes four minutes.

Step 2: Ambient Air Sampling

The filter tape is advanced such that the area previously exposed to the ¹⁴C element is now directly underneath the sampling inlet. A vacuum pump draws ambient air from outside at a known flow rate through a cyclone that removes any particles greater than 2.5 micron in diameter. This air is drawn downwards through a nozzle and across the section of filter tape where I₀ was just measured in Step 1. Thus, all PM_{2.5} present in the sampled air is deposited onto the filter tape. This sample is collected for a duration of 50 minutes.

Step 3: Calibration

While the sample is being collected on the filter tape, a second count (I₁) occurs on a blank section of tape, where the ¹⁴C element and counter are located (where I₀ is determined). This count allows for verification of instrument drift caused by varying external parameters such as temperature and relative humidity, and takes four minutes. A third count (I₂) takes place at the same location with a reference membrane extended over the tape, and the instrument determines whether the measured variability is within an acceptable range.

Step 4: Concentration Calculation

The section of the tape located underneath the sample inlet is moved back to where I₀ was counted, and the beta ray absorption through the section that has collected dust is measured (I₃). This count results in the determination of a mass of PM_{2.5}, which is divided by the total volume of air sampled to provide a concentration of PM_{2.5} for the hour. This completes the hourly cycle.

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/1/2007 0:00	9.0	16.2
1/1/2007 1:00	11.0	15.9
1/1/2007 2:00	7.9	16.3
1/1/2007 3:00	6.2	13.8
1/1/2007 4:00	7.1	15.1
1/1/2007 5:00	7.3	23.1
1/1/2007 6:00	8.0	10.1
1/1/2007 7:00	9.1	12.0
1/1/2007 8:00	11.6	11.8
1/1/2007 9:00	12.0	12.1
1/1/2007 10:00	9.3	12.3
1/1/2007 11:00	9.5	11.2
1/1/2007 12:00	10.0	11.5
1/1/2007 13:00	4.9	9.2
1/1/2007 14:00	2.9	9.8
1/1/2007 15:00	6.8	11.7
1/1/2007 16:00	12.5	13.1
1/1/2007 17:00	13.9	16.2
1/1/2007 18:00	13.1	16.0
1/1/2007 19:00	14.2	21.0
1/1/2007 20:00	14.3	17.6
1/1/2007 21:00	10.2	14.3
1/1/2007 22:00	7.4	8.4
1/1/2007 23:00	4.3	8.4
1/2/2007 0:00	5.3	11.2
1/2/2007 1:00	13.1	12.5
1/2/2007 2:00	9.6	10.8
1/2/2007 3:00	5.5	11.4
1/2/2007 4:00	8.7	14.2
1/2/2007 5:00	10.8	12.3
1/2/2007 6:00	14.2	13.0
1/2/2007 7:00	20.8	11.9
1/2/2007 8:00	18.6	9.7
1/2/2007 9:00	21.3	11.6
1/2/2007 10:00	16.0	10.3
1/2/2007 11:00	13.5	8.9
1/2/2007 12:00	8.0	11.2
1/2/2007 13:00	7.4	11.1
1/2/2007 14:00	11.2	11.1
1/2/2007 15:00	11.2	10.6
1/2/2007 16:00	10.9	12.4
1/2/2007 17:00	12.5	13.7
1/2/2007 18:00	9.8	12.3

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/2/2007 19:00	11.0	13.4
1/2/2007 20:00	16.6	15.4
1/2/2007 21:00	18.6	13.4
1/2/2007 22:00	17.1	13.2
1/2/2007 23:00	14.3	13.4
1/3/2007 0:00	14.4	10.9
1/3/2007 1:00	15.6	23.5
1/3/2007 2:00	21.4	14.6
1/3/2007 3:00	22.5	17.0
1/3/2007 4:00	19.5	19.0
1/3/2007 5:00	17.7	18.9
1/3/2007 6:00	28.1	20.4
1/3/2007 7:00	21.0	25.1
1/3/2007 8:00	24.7	24.9
1/3/2007 9:00	25.0	29.0
1/3/2007 10:00	22.7	26.5
1/3/2007 11:00	19.2	19.6
1/3/2007 12:00	18.3	17.9
1/3/2007 13:00	27.2	14.5
1/3/2007 14:00	19.2	13.6
1/3/2007 15:00	17.8	16.4
1/3/2007 16:00	13.7	16.0
1/3/2007 17:00	13.3	14.2
1/3/2007 18:00	14.6	14.4
1/3/2007 19:00	13.7	29.8
1/3/2007 20:00	22.2	24.6
1/3/2007 21:00	24.6	25.9
1/3/2007 22:00	20.1	21.6
1/3/2007 23:00	22.7	22.4
1/4/2007 0:00	20.9	27.1
1/4/2007 1:00	23.6	24.8
1/4/2007 2:00	23.1	23.1
1/4/2007 3:00	23.7	17.5
1/4/2007 4:00	21.1	24.9
1/4/2007 5:00	31.5	28.4
1/4/2007 6:00	25.2	29.7
1/4/2007 7:00	25.0	27.4
1/4/2007 8:00	24.8	32.5
1/4/2007 9:00	25.6	32.6
1/4/2007 10:00	25.8	24.0
1/4/2007 11:00	24.8	26.9
1/4/2007 12:00	25.4	33.8
1/4/2007 13:00	26.3	26.5

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/4/2007 14:00	21.5	18.7
1/4/2007 15:00	17.9	17.8
1/4/2007 16:00	26.4	20.3
1/4/2007 17:00	17.9	18.5
1/4/2007 18:00	22.3	22.1
1/4/2007 19:00	17.1	19.9
1/4/2007 20:00	17.2	18.3
1/4/2007 21:00	22.2	24.6
1/4/2007 22:00	22.8	33.2
1/4/2007 23:00	19.2	29.8
1/5/2007 0:00	26.5	29.0
1/5/2007 1:00	23.6	81.6
1/5/2007 2:00	15.4	34.2
1/5/2007 3:00	16.2	28.3
1/5/2007 4:00	14.7	17.5
1/5/2007 5:00	9.6	15.2
1/5/2007 6:00	9.6	11.8
1/5/2007 7:00	11.5	12.4
1/5/2007 8:00	10.5	16.6
1/5/2007 9:00	9.8	15.5
1/5/2007 10:00	11.0	11.4
1/5/2007 11:00	14.6	13.8
1/5/2007 12:00	13.2	18.2
1/5/2007 13:00	12.2	16.6
1/5/2007 14:00	13.6	12.7
1/5/2007 15:00	outlier removed	13.2
1/5/2007 16:00	outlier removed	16.1
1/5/2007 17:00	outlier removed	21.6
1/5/2007 18:00	outlier removed	37.3
1/5/2007 19:00	outlier removed	31.1
1/5/2007 20:00	outlier removed	28.1
1/5/2007 21:00	outlier removed	36.3
1/5/2007 22:00	outlier removed	18.5
1/5/2007 23:00	outlier removed	48.7
1/6/2007 0:00	outlier removed	43.4
1/6/2007 1:00	outlier removed	41.6
1/6/2007 2:00	outlier removed	20.5
1/6/2007 3:00	outlier removed	39.7
1/6/2007 4:00	outlier removed	41.7
1/6/2007 5:00	outlier removed	59.5
1/6/2007 6:00	outlier removed	outlier removed
1/6/2007 7:00	outlier removed	outlier removed
1/6/2007 8:00	outlier removed	27.9

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/6/2007 9:00	outlier removed	24.3
1/6/2007 10:00	outlier removed	29.3
1/6/2007 11:00	outlier removed	35.7
1/6/2007 12:00	outlier removed	33.4
1/6/2007 13:00	outlier removed	28.9
1/6/2007 14:00	outlier removed	24.9
1/6/2007 15:00	outlier removed	17.3
1/6/2007 16:00	outlier removed	4.7
1/6/2007 17:00	outlier removed	9.9
1/6/2007 18:00	outlier removed	13.9
1/6/2007 19:00	outlier removed	outlier removed
1/6/2007 20:00	outlier removed	outlier removed
1/6/2007 21:00	outlier removed	outlier removed
1/6/2007 22:00	outlier removed	outlier removed
1/6/2007 23:00	outlier removed	outlier removed
1/7/2007 0:00	outlier removed	outlier removed
1/7/2007 1:00	outlier removed	outlier removed
1/7/2007 2:00	outlier removed	outlier removed
1/7/2007 3:00	outlier removed	outlier removed
1/7/2007 4:00	outlier removed	outlier removed
1/7/2007 5:00	outlier removed	outlier removed
1/7/2007 6:00	outlier removed	outlier removed
1/7/2007 7:00	outlier removed	outlier removed
1/7/2007 8:00	outlier removed	outlier removed
1/7/2007 9:00	outlier removed	outlier removed
1/7/2007 10:00	outlier removed	outlier removed
1/7/2007 11:00	outlier removed	outlier removed
1/7/2007 12:00	outlier removed	outlier removed
1/7/2007 13:00	outlier removed	outlier removed
1/7/2007 14:00	outlier removed	outlier removed
1/7/2007 15:00	outlier removed	outlier removed
1/7/2007 16:00	outlier removed	outlier removed
1/7/2007 17:00	outlier removed	outlier removed
1/7/2007 18:00	outlier removed	outlier removed
1/7/2007 19:00	outlier removed	outlier removed
1/7/2007 20:00	outlier removed	outlier removed
1/7/2007 21:00	outlier removed	outlier removed
1/7/2007 22:00	outlier removed	outlier removed
1/7/2007 23:00	outlier removed	outlier removed
1/8/2007 0:00	outlier removed	outlier removed
1/8/2007 1:00	outlier removed	outlier removed
1/8/2007 2:00	outlier removed	outlier removed
1/8/2007 3:00	outlier removed	outlier removed

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/8/2007 4:00	outlier removed	outlier removed
1/8/2007 5:00	outlier removed	outlier removed
1/8/2007 6:00	outlier removed	outlier removed
1/8/2007 7:00	outlier removed	outlier removed
1/8/2007 8:00	outlier removed	outlier removed
1/8/2007 9:00	outlier removed	outlier removed
1/8/2007 10:00	outlier removed	outlier removed
1/8/2007 11:00	outlier removed	outlier removed
1/8/2007 12:00	outlier removed	outlier removed
1/8/2007 13:00	outlier removed	outlier removed
1/8/2007 14:00	outlier removed	outlier removed
1/8/2007 15:00	outlier removed	outlier removed
1/8/2007 16:00	outlier removed	outlier removed
1/8/2007 17:00	outlier removed	outlier removed
1/8/2007 18:00	outlier removed	outlier removed
1/8/2007 19:00	outlier removed	outlier removed
1/8/2007 20:00	outlier removed	outlier removed
1/8/2007 21:00	outlier removed	outlier removed
1/8/2007 22:00	outlier removed	outlier removed
1/8/2007 23:00	outlier removed	outlier removed
1/9/2007 0:00	outlier removed	outlier removed
1/9/2007 1:00	outlier removed	outlier removed
1/9/2007 2:00	outlier removed	outlier removed
1/9/2007 3:00	outlier removed	outlier removed
1/9/2007 4:00	outlier removed	outlier removed
1/9/2007 5:00	outlier removed	outlier removed
1/9/2007 6:00	outlier removed	outlier removed
1/9/2007 7:00	outlier removed	outlier removed
1/9/2007 8:00	outlier removed	outlier removed
1/9/2007 9:00	outlier removed	outlier removed
1/9/2007 10:00	outlier removed	outlier removed
1/9/2007 11:00	outlier removed	outlier removed
1/9/2007 12:00	outlier removed	outlier removed
1/9/2007 13:00	outlier removed	outlier removed
1/9/2007 14:00	outlier removed	outlier removed
1/9/2007 15:00	outlier removed	outlier removed
1/9/2007 16:00	outlier removed	outlier removed
1/9/2007 17:00	outlier removed	outlier removed
1/9/2007 18:00	outlier removed	outlier removed
1/9/2007 19:00	outlier removed	outlier removed
1/9/2007 20:00	outlier removed	outlier removed
1/9/2007 21:00	outlier removed	outlier removed
1/9/2007 22:00	outlier removed	outlier removed

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/9/2007 23:00	outlier removed	outlier removed
1/10/2007 0:00	outlier removed	outlier removed
1/10/2007 1:00	outlier removed	outlier removed
1/10/2007 2:00	outlier removed	outlier removed
1/10/2007 3:00	outlier removed	outlier removed
1/10/2007 4:00	outlier removed	outlier removed
1/10/2007 5:00	outlier removed	outlier removed
1/10/2007 6:00	outlier removed	outlier removed
1/10/2007 7:00	outlier removed	outlier removed
1/10/2007 8:00	outlier removed	outlier removed
1/10/2007 9:00	outlier removed	outlier removed
1/10/2007 10:00	outlier removed	outlier removed
1/10/2007 11:00	outlier removed	outlier removed
1/10/2007 12:00	outlier removed	outlier removed
1/10/2007 13:00	outlier removed	outlier removed
1/10/2007 14:00	outlier removed	outlier removed
1/10/2007 15:00	outlier removed	outlier removed
1/10/2007 16:00	outlier removed	outlier removed
1/10/2007 17:00	outlier removed	outlier removed
1/10/2007 18:00	outlier removed	outlier removed
1/10/2007 19:00	outlier removed	outlier removed
1/10/2007 20:00	outlier removed	outlier removed
1/10/2007 21:00	outlier removed	outlier removed
1/10/2007 22:00	outlier removed	outlier removed
1/10/2007 23:00	outlier removed	outlier removed
1/11/2007 0:00	outlier removed	outlier removed
1/11/2007 1:00	outlier removed	outlier removed
1/11/2007 2:00	outlier removed	outlier removed
1/11/2007 3:00	outlier removed	outlier removed
1/11/2007 4:00	outlier removed	outlier removed
1/11/2007 5:00	outlier removed	outlier removed
1/11/2007 6:00	outlier removed	outlier removed
1/11/2007 7:00	outlier removed	outlier removed
1/11/2007 8:00	outlier removed	outlier removed
1/11/2007 9:00	outlier removed	outlier removed
1/11/2007 10:00	outlier removed	outlier removed
1/11/2007 11:00	outlier removed	outlier removed
1/11/2007 12:00	outlier removed	outlier removed
1/11/2007 13:00	outlier removed	outlier removed
1/11/2007 14:00	outlier removed	outlier removed
1/11/2007 15:00	outlier removed	outlier removed
1/11/2007 16:00	outlier removed	outlier removed
1/11/2007 17:00	outlier removed	outlier removed

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/11/2007 18:00	outlier removed	outlier removed
1/11/2007 19:00	outlier removed	outlier removed
1/11/2007 20:00	outlier removed	outlier removed
1/11/2007 21:00	outlier removed	outlier removed
1/11/2007 22:00	outlier removed	outlier removed
1/11/2007 23:00	outlier removed	outlier removed
1/12/2007 0:00	outlier removed	outlier removed
1/12/2007 1:00	outlier removed	outlier removed
1/12/2007 2:00	outlier removed	outlier removed
1/12/2007 3:00	outlier removed	outlier removed
1/12/2007 4:00	outlier removed	outlier removed
1/12/2007 5:00	outlier removed	outlier removed
1/12/2007 6:00	outlier removed	outlier removed
1/12/2007 7:00	outlier removed	outlier removed
1/12/2007 8:00	outlier removed	outlier removed
1/12/2007 9:00	outlier removed	outlier removed
1/12/2007 10:00	outlier removed	outlier removed
1/12/2007 11:00	outlier removed	outlier removed
1/12/2007 12:00	outlier removed	outlier removed
1/12/2007 13:00	outlier removed	outlier removed
1/12/2007 14:00	outlier removed	outlier removed
1/12/2007 15:00	outlier removed	outlier removed
1/12/2007 16:00	outlier removed	outlier removed
1/12/2007 17:00	outlier removed	outlier removed
1/12/2007 18:00	outlier removed	outlier removed
1/12/2007 19:00	outlier removed	outlier removed
1/12/2007 20:00	outlier removed	outlier removed
1/12/2007 21:00	outlier removed	outlier removed
1/12/2007 22:00	outlier removed	outlier removed
1/12/2007 23:00	outlier removed	outlier removed
1/13/2007 0:00	outlier removed	outlier removed
1/13/2007 1:00	outlier removed	outlier removed
1/13/2007 2:00	outlier removed	outlier removed
1/13/2007 3:00	outlier removed	outlier removed
1/13/2007 4:00	outlier removed	outlier removed
1/13/2007 5:00	outlier removed	outlier removed
1/13/2007 6:00	outlier removed	outlier removed
1/13/2007 7:00	outlier removed	outlier removed
1/13/2007 8:00	outlier removed	outlier removed
1/13/2007 9:00	outlier removed	outlier removed
1/13/2007 10:00	outlier removed	outlier removed
1/13/2007 11:00	outlier removed	outlier removed
1/13/2007 12:00	outlier removed	outlier removed

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/13/2007 13:00	outlier removed	outlier removed
1/13/2007 14:00	outlier removed	outlier removed
1/13/2007 15:00	outlier removed	outlier removed
1/13/2007 16:00	outlier removed	outlier removed
1/13/2007 17:00	outlier removed	outlier removed
1/13/2007 18:00	outlier removed	outlier removed
1/13/2007 19:00	outlier removed	outlier removed
1/13/2007 20:00	outlier removed	outlier removed
1/13/2007 21:00	outlier removed	outlier removed
1/13/2007 22:00	outlier removed	outlier removed
1/13/2007 23:00	outlier removed	outlier removed
1/14/2007 0:00	outlier removed	outlier removed
1/14/2007 1:00	outlier removed	outlier removed
1/14/2007 2:00	outlier removed	outlier removed
1/14/2007 3:00	outlier removed	outlier removed
1/14/2007 4:00	outlier removed	outlier removed
1/14/2007 5:00	outlier removed	outlier removed
1/14/2007 6:00	outlier removed	outlier removed
1/14/2007 7:00	outlier removed	outlier removed
1/14/2007 8:00	outlier removed	outlier removed
1/14/2007 9:00	outlier removed	outlier removed
1/14/2007 10:00	outlier removed	outlier removed
1/14/2007 11:00	outlier removed	outlier removed
1/14/2007 12:00	outlier removed	outlier removed
1/14/2007 13:00	outlier removed	outlier removed
1/14/2007 14:00	outlier removed	outlier removed
1/14/2007 15:00	outlier removed	outlier removed
1/14/2007 16:00	outlier removed	outlier removed
1/14/2007 17:00	outlier removed	outlier removed
1/14/2007 18:00	outlier removed	outlier removed
1/14/2007 19:00	outlier removed	outlier removed
1/14/2007 20:00	outlier removed	outlier removed
1/14/2007 21:00	outlier removed	outlier removed
1/14/2007 22:00	outlier removed	outlier removed
1/14/2007 23:00	outlier removed	outlier removed
1/15/2007 0:00	outlier removed	outlier removed
1/15/2007 1:00	outlier removed	outlier removed
1/15/2007 2:00	outlier removed	outlier removed
1/15/2007 3:00	outlier removed	outlier removed
1/15/2007 4:00	outlier removed	outlier removed
1/15/2007 5:00	outlier removed	outlier removed
1/15/2007 6:00	outlier removed	outlier removed
1/15/2007 7:00	outlier removed	outlier removed

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/15/2007 8:00	outlier removed	outlier removed
1/15/2007 9:00	outlier removed	outlier removed
1/15/2007 10:00	outlier removed	outlier removed
1/15/2007 11:00	outlier removed	outlier removed
1/15/2007 12:00	outlier removed	outlier removed
1/15/2007 13:00	outlier removed	outlier removed
1/15/2007 14:00	outlier removed	outlier removed
1/15/2007 15:00	outlier removed	outlier removed
1/15/2007 16:00	outlier removed	outlier removed
1/15/2007 17:00	outlier removed	outlier removed
1/15/2007 18:00	outlier removed	outlier removed
1/15/2007 19:00	outlier removed	outlier removed
1/15/2007 20:00	outlier removed	outlier removed
1/15/2007 21:00	outlier removed	outlier removed
1/15/2007 22:00	outlier removed	outlier removed
1/15/2007 23:00	outlier removed	outlier removed
1/16/2007 0:00	outlier removed	outlier removed
1/16/2007 1:00	outlier removed	outlier removed
1/16/2007 2:00	outlier removed	outlier removed
1/16/2007 3:00	outlier removed	outlier removed
1/16/2007 4:00	outlier removed	outlier removed
1/16/2007 5:00	outlier removed	outlier removed
1/16/2007 6:00	outlier removed	outlier removed
1/16/2007 7:00	outlier removed	outlier removed
1/16/2007 8:00	outlier removed	outlier removed
1/16/2007 9:00	outlier removed	outlier removed
1/16/2007 10:00	outlier removed	outlier removed
1/16/2007 11:00	outlier removed	outlier removed
1/16/2007 12:00	outlier removed	outlier removed
1/16/2007 13:00	outlier removed	outlier removed
1/16/2007 14:00	outlier removed	outlier removed
1/16/2007 15:00	outlier removed	outlier removed
1/16/2007 16:00	outlier removed	outlier removed
1/16/2007 17:00	outlier removed	outlier removed
1/16/2007 18:00	outlier removed	outlier removed
1/16/2007 19:00	outlier removed	outlier removed
1/16/2007 20:00	outlier removed	outlier removed
1/16/2007 21:00	outlier removed	outlier removed
1/16/2007 22:00	outlier removed	outlier removed
1/16/2007 23:00	outlier removed	outlier removed
1/17/2007 0:00	outlier removed	outlier removed
1/17/2007 1:00	outlier removed	outlier removed
1/17/2007 2:00	outlier removed	outlier removed

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/17/2007 3:00	outlier removed	outlier removed
1/17/2007 4:00	outlier removed	outlier removed
1/17/2007 5:00	outlier removed	outlier removed
1/17/2007 6:00	outlier removed	outlier removed
1/17/2007 7:00	outlier removed	outlier removed
1/17/2007 8:00	outlier removed	outlier removed
1/17/2007 9:00	outlier removed	outlier removed
1/17/2007 10:00	outlier removed	outlier removed
1/17/2007 11:00	outlier removed	outlier removed
1/17/2007 12:00	outlier removed	outlier removed
1/17/2007 13:00	outlier removed	outlier removed
1/17/2007 14:00	outlier removed	15.1
1/17/2007 15:00	13.1	12.7
1/17/2007 16:00	15.8	12.3
1/17/2007 17:00	17.7	20.5
1/17/2007 18:00	15.2	21.0
1/17/2007 19:00	22.4	15.4
1/17/2007 20:00	18.8	16.4
1/17/2007 21:00	25.3	13.9
1/17/2007 22:00	13.1	12.4
1/17/2007 23:00	10.8	12.0
1/18/2007 0:00	10.2	11.3
1/18/2007 1:00	14.7	11.8
1/18/2007 2:00	14.8	8.1
1/18/2007 3:00	21.0	8.6
1/18/2007 4:00	14.6	11.4
1/18/2007 5:00	21.1	13.3
1/18/2007 6:00	18.5	13.1
1/18/2007 7:00	23.8	13.8
1/18/2007 8:00	18.1	21.1
1/18/2007 9:00	20.8	17.0
1/18/2007 10:00	20.8	18.2
1/18/2007 11:00	17.9	19.5
1/18/2007 12:00	21.5	17.2
1/18/2007 13:00	19.1	14.5
1/18/2007 14:00	22.9	20.1
1/18/2007 15:00	29.0	23.3
1/18/2007 16:00	21.8	23.3
1/18/2007 17:00	21.5	18.4
1/18/2007 18:00	21.5	17.5
1/18/2007 19:00	22.8	23.1
1/18/2007 20:00	23.8	22.4
1/18/2007 21:00	23.6	20.1

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/18/2007 22:00	24.1	21.6
1/18/2007 23:00	12.7	20.1
1/19/2007 0:00	14.8	16.6
1/19/2007 1:00	15.7	15.0
1/19/2007 2:00	14.1	13.8
1/19/2007 3:00	12.1	12.3
1/19/2007 4:00	12.4	12.3
1/19/2007 5:00	15.8	20.2
1/19/2007 6:00	23.2	19.1
1/19/2007 7:00	17.3	16.6
1/19/2007 8:00	21.9	28.6
1/19/2007 9:00	28.5	23.5
1/19/2007 10:00	22.1	27.9
1/19/2007 11:00	17.7	18.2
1/19/2007 12:00	17.9	18.1
1/19/2007 13:00	17.8	16.5
1/19/2007 14:00	18.5	15.5
1/19/2007 15:00	19.2	11.4
1/19/2007 16:00	14.3	7.3
1/19/2007 17:00	10.0	11.2
1/19/2007 18:00	9.7	15.0
1/19/2007 19:00	13.8	16.2
1/19/2007 20:00	16.5	17.6
1/19/2007 21:00	16.2	21.0
1/19/2007 22:00	16.2	14.9
1/19/2007 23:00	13.4	11.8
1/20/2007 0:00	13.6	10.6
1/20/2007 1:00	15.8	12.8
1/20/2007 2:00	16.1	12.9
1/20/2007 3:00	17.3	9.8
1/20/2007 4:00	16.3	8.4
1/20/2007 5:00	22.4	11.7
1/20/2007 6:00	17.7	15.4
1/20/2007 7:00	14.2	14.9
1/20/2007 8:00	14.1	11.6
1/20/2007 9:00	18.0	12.5
1/20/2007 10:00	18.6	16.1
1/20/2007 11:00	15.9	14.9
1/20/2007 12:00	10.6	11.2
1/20/2007 13:00	6.4	10.0
1/20/2007 14:00	9.1	8.9
1/20/2007 15:00	13.5	9.8
1/20/2007 16:00	11.0	12.4

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/20/2007 17:00	13.8	13.7
1/20/2007 18:00	17.9	13.6
1/20/2007 19:00	28.2	15.1
1/20/2007 20:00	33.8	27.1
1/20/2007 21:00	22.8	19.6
1/20/2007 22:00	22.3	19.0
1/20/2007 23:00	27.9	29.2
1/21/2007 0:00	26.0	20.9
1/21/2007 1:00	21.8	12.5
1/21/2007 2:00	18.5	14.2
1/21/2007 3:00	17.7	21.4
1/21/2007 4:00	17.3	15.7
1/21/2007 5:00	17.5	17.0
1/21/2007 6:00	22.1	16.2
1/21/2007 7:00	17.7	15.7
1/21/2007 8:00	15.2	21.2
1/21/2007 9:00	13.7	12.1
1/21/2007 10:00	11.6	10.5
1/21/2007 11:00	7.3	7.7
1/21/2007 12:00	9.9	7.6
1/21/2007 13:00	11.8	11.0
1/21/2007 14:00	10.5	13.9
1/21/2007 15:00	13.1	15.3
1/21/2007 16:00	15.5	16.5
1/21/2007 17:00	15.6	16.4
1/21/2007 18:00	13.5	14.4
1/21/2007 19:00	14.4	12.7
1/21/2007 20:00	15.3	12.3
1/21/2007 21:00	13.3	14.3
1/21/2007 22:00	15.9	15.9
1/21/2007 23:00	16.6	16.8
1/22/2007 0:00	21.9	26.0
1/22/2007 1:00	18.4	22.4
1/22/2007 2:00	16.4	11.8
1/22/2007 3:00	23.9	22.6
1/22/2007 4:00	24.0	24.1
1/22/2007 5:00	19.8	22.9
1/22/2007 6:00	19.5	20.9
1/22/2007 7:00	22.2	25.7
1/22/2007 8:00	24.0	24.9
1/22/2007 9:00	22.8	26.3
1/22/2007 10:00	21.3	25.7
1/22/2007 11:00	26.9	27.6

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/22/2007 12:00	28.6	27.9
1/22/2007 13:00	29.2	16.4
1/22/2007 14:00	25.2	25.6
1/22/2007 15:00	23.3	18.8
1/22/2007 16:00	26.0	18.9
1/22/2007 17:00	20.4	17.7
1/22/2007 18:00	24.8	20.3
1/22/2007 19:00	23.6	25.3
1/22/2007 20:00	24.5	20.0
1/22/2007 21:00	14.6	22.7
1/22/2007 22:00	23.3	19.4
1/22/2007 23:00	26.3	25.4
1/23/2007 0:00	25.8	22.0
1/23/2007 1:00	22.4	20.4
1/23/2007 2:00	15.9	21.0
1/23/2007 3:00	22.7	20.6
1/23/2007 4:00	23.9	27.1
1/23/2007 5:00	22.1	24.9
1/23/2007 6:00	14.8	20.3
1/23/2007 7:00	16.9	18.8
1/23/2007 8:00	22.8	24.9
1/23/2007 9:00	28.2	28.7
1/23/2007 10:00	23.5	22.0
1/23/2007 11:00	30.9	19.1
1/23/2007 12:00	23.3	24.0
1/23/2007 13:00	25.6	21.7
1/23/2007 14:00	23.8	24.3
1/23/2007 15:00	19.4	21.0
1/23/2007 16:00	25.8	25.8
1/23/2007 17:00	24.3	24.2
1/23/2007 18:00	24.6	18.5
1/23/2007 19:00	29.3	22.8
1/23/2007 20:00	22.1	23.6
1/23/2007 21:00	23.3	21.3
1/23/2007 22:00	27.9	26.8
1/23/2007 23:00	26.5	26.1
1/24/2007 0:00	25.6	24.0
1/24/2007 1:00	21.1	23.2
1/24/2007 2:00	18.3	16.2
1/24/2007 3:00	16.6	17.2
1/24/2007 4:00	23.1	18.0
1/24/2007 5:00	19.2	16.0
1/24/2007 6:00	19.4	21.7

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/24/2007 7:00	18.3	18.4
1/24/2007 8:00	24.0	18.8
1/24/2007 9:00	22.8	24.5
1/24/2007 10:00	26.9	27.6
1/24/2007 11:00	16.2	19.0
1/24/2007 12:00	16.3	15.3
1/24/2007 13:00	14.1	14.7
1/24/2007 14:00	12.8	16.3
1/24/2007 15:00	14.4	13.6
1/24/2007 16:00	29.6	26.8
1/24/2007 17:00	25.8	27.7
1/24/2007 18:00	19.2	23.9
1/24/2007 19:00	15.8	22.0
1/24/2007 20:00	14.2	18.8
1/24/2007 21:00	16.6	19.0
1/24/2007 22:00	21.9	25.7
1/24/2007 23:00	33.2	22.4
1/25/2007 0:00	22.6	23.9
1/25/2007 1:00	18.7	20.6
1/25/2007 2:00	18.4	14.2
1/25/2007 3:00	15.6	14.0
1/25/2007 4:00	11.7	12.4
1/25/2007 5:00	10.8	9.3
1/25/2007 6:00	12.1	9.9
1/25/2007 7:00	10.8	13.7
1/25/2007 8:00	12.3	21.2
1/25/2007 9:00	16.1	20.5
1/25/2007 10:00	14.0	13.6
1/25/2007 11:00	14.4	14.0
1/25/2007 12:00	14.8	12.8
1/25/2007 13:00	11.9	10.6
1/25/2007 14:00	12.1	9.3
1/25/2007 15:00	11.4	7.5
1/25/2007 16:00	11.9	10.1
1/25/2007 17:00	12.3	11.4
1/25/2007 18:00	10.9	11.8
1/25/2007 19:00	12.1	13.0
1/25/2007 20:00	13.4	15.1
1/25/2007 21:00	14.8	16.4
1/25/2007 22:00	17.1	14.0
1/25/2007 23:00	28.5	13.9
1/26/2007 0:00	18.9	15.9
1/26/2007 1:00	29.4	17.5

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/26/2007 2:00	24.6	17.2
1/26/2007 3:00	19.0	15.5
1/26/2007 4:00	14.8	10.7
1/26/2007 5:00	11.9	11.1
1/26/2007 6:00	13.0	12.7
1/26/2007 7:00	15.7	11.0
1/26/2007 8:00	17.7	12.1
1/26/2007 9:00	13.8	10.9
1/26/2007 10:00	13.2	9.9
1/26/2007 11:00	26.5	14.6
1/26/2007 12:00	24.0	24.2
1/26/2007 13:00	24.9	22.9
1/26/2007 14:00	30.0	26.1
1/26/2007 15:00	33.0	28.3
1/26/2007 16:00	24.7	20.1
1/26/2007 17:00	25.9	22.6
1/26/2007 18:00	34.8	21.1
1/26/2007 19:00	23.2	24.3
1/26/2007 20:00	26.2	26.1
1/26/2007 21:00	18.9	22.8
1/26/2007 22:00	29.9	22.4
1/26/2007 23:00	26.7	27.5
1/27/2007 0:00	22.1	16.3
1/27/2007 1:00	20.2	21.8
1/27/2007 2:00	15.6	15.7
1/27/2007 3:00	16.9	20.2
1/27/2007 4:00	17.3	19.6
1/27/2007 5:00	17.9	17.8
1/27/2007 6:00	26.9	16.4
1/27/2007 7:00	33.6	28.0
1/27/2007 8:00	33.0	31.0
1/27/2007 9:00	38.2	43.3
1/27/2007 10:00	45.5	41.8
1/27/2007 11:00	38.8	47.3
1/27/2007 12:00	28.5	28.1
1/27/2007 13:00	22.4	19.4
1/27/2007 14:00	20.1	18.6
1/27/2007 15:00	17.7	16.5
1/27/2007 16:00	22.1	20.1
1/27/2007 17:00	18.5	21.4
1/27/2007 18:00	22.6	25.2
1/27/2007 19:00	25.2	23.7
1/27/2007 20:00	34.4	26.8

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/27/2007 21:00	23.0	17.8
1/27/2007 22:00	21.0	18.7
1/27/2007 23:00	23.9	25.0
1/28/2007 0:00	6.2	10.4
1/28/2007 1:00	5.6	11.3
1/28/2007 2:00	8.0	10.8
1/28/2007 3:00	9.7	9.3
1/28/2007 4:00	9.3	13.2
1/28/2007 5:00	7.8	16.2
1/28/2007 6:00	8.3	14.3
1/28/2007 7:00	15.1	13.4
1/28/2007 8:00	19.0	13.1
1/28/2007 9:00	17.0	13.0
1/28/2007 10:00	25.4	20.1
1/28/2007 11:00	19.2	18.0
1/28/2007 12:00	24.4	18.7
1/28/2007 13:00	17.8	18.0
1/28/2007 14:00	17.1	15.8
1/28/2007 15:00	17.7	14.2
1/28/2007 16:00	17.3	20.5
1/28/2007 17:00	15.1	13.8
1/28/2007 18:00	13.2	11.0
1/28/2007 19:00	6.3	12.6
1/28/2007 20:00	1.0	15.7
1/28/2007 21:00	6.3	13.8
1/28/2007 22:00	13.3	11.2
1/28/2007 23:00	16.2	10.9
1/29/2007 0:00	15.6	12.8
1/29/2007 1:00	16.8	12.7
1/29/2007 2:00	23.0	15.5
1/29/2007 3:00	20.1	17.2
1/29/2007 4:00	18.4	16.6
1/29/2007 5:00	21.0	16.8
1/29/2007 6:00	21.4	16.4
1/29/2007 7:00	17.5	15.5
1/29/2007 8:00	18.2	14.4
1/29/2007 9:00	20.3	15.2
1/29/2007 10:00	23.4	24.3
1/29/2007 11:00	21.5	21.6
1/29/2007 12:00	28.6	20.4
1/29/2007 13:00	19.7	19.4
1/29/2007 14:00	23.5	18.1
1/29/2007 15:00	17.1	14.7

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/29/2007 16:00	16.8	19.9
1/29/2007 17:00	16.7	16.1
1/29/2007 18:00	22.6	17.0
1/29/2007 19:00	24.8	17.7
1/29/2007 20:00	21.1	16.9
1/29/2007 21:00	20.2	15.5
1/29/2007 22:00	16.2	13.2
1/29/2007 23:00	17.1	15.7
1/30/2007 0:00	20.7	20.2
1/30/2007 1:00	22.7	21.1
1/30/2007 2:00	23.1	23.1
1/30/2007 3:00	19.4	22.3
1/30/2007 4:00	21.3	14.7
1/30/2007 5:00	21.7	19.8
1/30/2007 6:00	19.1	25.0
1/30/2007 7:00	27.6	26.5
1/30/2007 8:00	31.1	22.1
1/30/2007 9:00	33.8	25.5
1/30/2007 10:00	30.1	24.6
1/30/2007 11:00	24.6	28.9
1/30/2007 12:00	24.4	19.4
1/30/2007 13:00	31.6	27.0
1/30/2007 14:00	26.1	24.5
1/30/2007 15:00	21.2	18.8
1/30/2007 16:00	17.4	19.8
1/30/2007 17:00	17.7	20.3
1/30/2007 18:00	16.9	26.0
1/30/2007 19:00	23.7	25.8
1/30/2007 20:00	25.6	15.3
1/30/2007 21:00	26.1	23.3
1/30/2007 22:00	25.3	22.7
1/30/2007 23:00	21.1	27.1
1/31/2007 0:00	26.5	24.2
1/31/2007 1:00	24.2	25.0
1/31/2007 2:00	24.9	25.0
1/31/2007 3:00	30.7	23.9
1/31/2007 4:00	28.3	24.6
1/31/2007 5:00	22.0	26.7
1/31/2007 6:00	24.5	25.8
1/31/2007 7:00	27.3	27.2
1/31/2007 8:00	27.0	27.3
1/31/2007 9:00	31.2	4.7
1/31/2007 10:00	23.5	27.0

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/31/2007 11:00	31.2	15.4
1/31/2007 12:00	29.6	20.9
1/31/2007 13:00	18.5	20.6
1/31/2007 14:00	21.9	25.5
1/31/2007 15:00	22.6	25.2
1/31/2007 16:00	22.6	22.0
1/31/2007 17:00	27.0	29.6
1/31/2007 18:00	28.1	21.6
1/31/2007 19:00	25.6	22.0
1/31/2007 20:00	17.2	16.0
1/31/2007 21:00	24.2	17.0
1/31/2007 22:00	19.8	16.1
1/31/2007 23:00	19.8	13.9
2/1/2007 0:00	19.6	14.7
2/1/2007 1:00	19.6	25.0
2/1/2007 2:00	19.2	16.1
2/1/2007 3:00	17.0	20.2
2/1/2007 4:00	20.5	16.1
2/1/2007 5:00	25.2	22.3
2/1/2007 6:00	23.0	23.6
2/1/2007 7:00	24.5	21.4
2/1/2007 8:00	25.3	26.0
2/1/2007 9:00	30.1	26.8
2/1/2007 10:00	27.1	22.8
2/1/2007 11:00	23.6	27.4
2/1/2007 12:00	23.4	20.9
2/1/2007 13:00	28.4	22.4
2/1/2007 14:00	24.2	25.3
2/1/2007 15:00	20.3	20.5
2/1/2007 16:00	24.5	24.0
2/1/2007 17:00	21.5	21.8
2/1/2007 18:00	21.9	22.4
2/1/2007 19:00	22.3	23.4
2/1/2007 20:00	24.4	26.1
2/1/2007 21:00	25.3	25.3
2/1/2007 22:00	19.0	19.1
2/1/2007 23:00	26.0	25.3
2/2/2007 0:00	30.1	29.1
2/2/2007 1:00	26.6	30.1
2/2/2007 2:00	26.3	20.6
2/2/2007 3:00	27.1	30.0
2/2/2007 4:00	24.7	25.3
2/2/2007 5:00	23.0	29.5

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/2/2007 6:00	26.6	25.3
2/2/2007 7:00	19.0	25.1
2/2/2007 8:00	28.0	29.9
2/2/2007 9:00	34.7	31.6
2/2/2007 10:00	32.6	28.8
2/2/2007 11:00	35.4	22.6
2/2/2007 12:00	15.9	17.7
2/2/2007 13:00	16.7	16.4
2/2/2007 14:00	17.5	14.2
2/2/2007 15:00	16.5	14.9
2/2/2007 16:00	20.4	16.4
2/2/2007 17:00	18.8	26.7
2/2/2007 18:00	14.0	15.3
2/2/2007 19:00	21.6	16.9
2/2/2007 20:00	19.7	19.9
2/2/2007 21:00	23.1	19.7
2/2/2007 22:00	18.2	20.5
2/2/2007 23:00	20.9	21.2
2/3/2007 0:00	17.5	18.1
2/3/2007 1:00	15.9	15.3
2/3/2007 2:00	15.2	10.4
2/3/2007 3:00	16.7	9.4
2/3/2007 4:00	16.7	10.2
2/3/2007 5:00	12.9	12.6
2/3/2007 6:00	11.0	10.6
2/3/2007 7:00	14.8	8.2
2/3/2007 8:00	16.6	12.1
2/3/2007 9:00	14.6	12.8
2/3/2007 10:00	15.7	20.7
2/3/2007 11:00	16.9	21.3
2/3/2007 12:00	15.2	12.9
2/3/2007 13:00	14.2	12.2
2/3/2007 14:00	15.9	12.3
2/3/2007 15:00	15.1	10.4
2/3/2007 16:00	13.0	11.4
2/3/2007 17:00	14.8	13.6
2/3/2007 18:00	15.2	13.9
2/3/2007 19:00	15.7	15.7
2/3/2007 20:00	12.3	19.8
2/3/2007 21:00	10.4	9.2
2/3/2007 22:00	13.6	9.3
2/3/2007 23:00	25.6	11.6
2/4/2007 0:00	16.2	14.0

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/4/2007 1:00	17.6	14.1
2/4/2007 2:00	16.8	14.2
2/4/2007 3:00	16.3	15.2
2/4/2007 4:00	17.6	14.9
2/4/2007 5:00	18.5	14.5
2/4/2007 6:00	18.7	14.2
2/4/2007 7:00	16.3	14.2
2/4/2007 8:00	20.5	15.8
2/4/2007 9:00	19.5	15.8
2/4/2007 10:00	20.6	15.1
2/4/2007 11:00	20.0	13.4
2/4/2007 12:00	17.7	15.3
2/4/2007 13:00	17.6	16.4
2/4/2007 14:00	18.4	13.8
2/4/2007 15:00	17.4	16.1
2/4/2007 16:00	16.8	14.7
2/4/2007 17:00	17.6	14.8
2/4/2007 18:00	14.2	15.7
2/4/2007 19:00	15.5	12.9
2/4/2007 20:00	18.4	13.5
2/4/2007 21:00	18.4	12.3
2/4/2007 22:00	19.2	9.9
2/4/2007 23:00	15.8	10.9
2/5/2007 0:00	11.7	12.0
2/5/2007 1:00	11.5	13.7
2/5/2007 2:00	15.0	16.0
2/5/2007 3:00	17.6	15.1
2/5/2007 4:00	17.2	16.1
2/5/2007 5:00	16.8	15.3
2/5/2007 6:00	17.3	14.2
2/5/2007 7:00	17.4	21.0
2/5/2007 8:00	14.8	21.7
2/5/2007 9:00	14.5	14.3
2/5/2007 10:00	18.2	14.9
2/5/2007 11:00	20.2	12.1
2/5/2007 12:00	26.0	12.0
2/5/2007 13:00	15.9	12.9
2/5/2007 14:00	15.5	10.1
2/5/2007 15:00	14.7	6.9
2/5/2007 16:00	15.8	6.9
2/5/2007 17:00	18.1	12.4
2/5/2007 18:00	18.0	14.9
2/5/2007 19:00	16.3	12.4

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/5/2007 20:00	14.1	10.7
2/5/2007 21:00	22.2	14.4
2/5/2007 22:00	25.4	15.8
2/5/2007 23:00	22.4	20.6
2/6/2007 0:00	20.1	13.5
2/6/2007 1:00	20.4	15.6
2/6/2007 2:00	21.3	19.7
2/6/2007 3:00	26.6	20.8
2/6/2007 4:00	25.4	23.1
2/6/2007 5:00	23.9	17.7
2/6/2007 6:00	23.3	17.7
2/6/2007 7:00	17.6	17.7
2/6/2007 8:00	24.0	17.8
2/6/2007 9:00	25.9	16.9
2/6/2007 10:00	25.4	16.7
2/6/2007 11:00	21.9	15.8
2/6/2007 12:00	22.0	15.3
2/6/2007 13:00	23.0	14.4
2/6/2007 14:00	23.6	15.4
2/6/2007 15:00	16.7	15.0
2/6/2007 16:00	16.8	13.0
2/6/2007 17:00	22.2	13.2
2/6/2007 18:00	19.3	14.3
2/6/2007 19:00	23.4	17.3
2/6/2007 20:00	20.2	18.2
2/6/2007 21:00	14.9	16.4
2/6/2007 22:00	15.2	15.0
2/6/2007 23:00	17.3	14.5
2/7/2007 0:00	24.4	15.3
2/7/2007 1:00	22.2	26.3
2/7/2007 2:00	18.4	23.9
2/7/2007 3:00	18.6	23.7
2/7/2007 4:00	25.0	23.2
2/7/2007 5:00	27.4	28.8
2/7/2007 6:00	27.9	23.5
2/7/2007 7:00	27.1	22.7
2/7/2007 8:00	31.5	25.5
2/7/2007 9:00	29.9	26.4
2/7/2007 10:00	29.4	21.8
2/7/2007 11:00	26.8	19.0
2/7/2007 12:00	20.1	12.1
2/7/2007 13:00	15.1	5.4
2/7/2007 14:00	8.7	7.9

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/7/2007 15:00	6.8	8.4
2/7/2007 16:00	10.9	9.8
2/7/2007 17:00	13.8	10.5
2/7/2007 18:00	14.8	10.5
2/7/2007 19:00	14.1	14.5
2/7/2007 20:00	15.5	14.0
2/7/2007 21:00	14.3	10.8
2/7/2007 22:00	15.5	10.2
2/7/2007 23:00	17.0	12.6
2/8/2007 0:00	20.2	16.5
2/8/2007 1:00	27.2	23.0
2/8/2007 2:00	27.9	20.3
2/8/2007 3:00	28.3	26.8
2/8/2007 4:00	28.3	26.4
2/8/2007 5:00	31.7	27.0
2/8/2007 6:00	28.5	23.5
2/8/2007 7:00	30.4	27.1
2/8/2007 8:00	27.0	15.8
2/8/2007 9:00	18.0	14.0
2/8/2007 10:00	20.8	10.2
2/8/2007 11:00	21.1	9.7
2/8/2007 12:00	17.9	11.9
2/8/2007 13:00	17.1	10.7
2/8/2007 14:00	16.0	8.2
2/8/2007 15:00	22.2	9.2
2/8/2007 16:00	25.1	20.1
2/8/2007 17:00	26.0	17.7
2/8/2007 18:00	22.4	26.7
2/8/2007 19:00	21.1	24.8
2/8/2007 20:00	14.9	23.5
2/8/2007 21:00	22.4	18.0
2/8/2007 22:00	18.8	21.2
2/8/2007 23:00	26.7	26.0
2/9/2007 0:00	25.9	25.4
2/9/2007 1:00	21.2	27.4
2/9/2007 2:00	24.6	25.4
2/9/2007 3:00	27.1	17.5
2/9/2007 4:00	27.2	26.6
2/9/2007 5:00	24.9	21.9
2/9/2007 6:00	25.2	17.6
2/9/2007 7:00	25.1	20.1
2/9/2007 8:00	30.3	26.0
2/9/2007 9:00	25.3	20.2

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/9/2007 10:00	25.2	23.8
2/9/2007 11:00	25.7	11.6
2/9/2007 12:00	16.2	12.7
2/9/2007 13:00	15.4	9.5
2/9/2007 14:00	29.7	6.0
2/9/2007 15:00	11.1	9.6
2/9/2007 16:00	11.8	12.9
2/9/2007 17:00	11.8	14.1
2/9/2007 18:00	10.5	10.7
2/9/2007 19:00	11.8	7.6
2/9/2007 20:00	16.4	11.9
2/9/2007 21:00	18.1	14.0
2/9/2007 22:00	21.9	14.0
2/9/2007 23:00	16.3	16.5
2/10/2007 0:00	15.3	15.2
2/10/2007 1:00	13.5	13.1
2/10/2007 2:00	8.4	13.5
2/10/2007 3:00	6.7	13.7
2/10/2007 4:00	12.7	11.2
2/10/2007 5:00	16.0	13.6
2/10/2007 6:00	24.4	23.8
2/10/2007 7:00	24.4	21.2
2/10/2007 8:00	32.8	27.9
2/10/2007 9:00	22.8	23.0
2/10/2007 10:00	19.0	22.6
2/10/2007 11:00	22.2	11.0
2/10/2007 12:00	22.5	9.2
2/10/2007 13:00	16.7	6.1
2/10/2007 14:00	18.2	10.3
2/10/2007 15:00	14.3	12.5
2/10/2007 16:00	11.2	7.3
2/10/2007 17:00	12.2	8.8
2/10/2007 18:00	11.8	9.4
2/10/2007 19:00	13.5	12.9
2/10/2007 20:00	23.9	22.2
2/10/2007 21:00	25.9	33.1
2/10/2007 22:00	26.6	28.6
2/10/2007 23:00	28.9	29.8
2/11/2007 0:00	23.4	29.4
2/11/2007 1:00	30.4	29.9
2/11/2007 2:00	31.3	29.1
2/11/2007 3:00	30.6	28.3
2/11/2007 4:00	32.0	27.6

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/11/2007 5:00	31.7	29.6
2/11/2007 6:00	32.2	25.5
2/11/2007 7:00	30.3	27.5
2/11/2007 8:00	29.4	30.1
2/11/2007 9:00	29.1	23.8
2/11/2007 10:00	25.8	21.9
2/11/2007 11:00	30.3	23.4
2/11/2007 12:00	23.6	19.9
2/11/2007 13:00	24.7	18.1
2/11/2007 14:00	22.3	17.7
2/11/2007 15:00	22.3	18.1
2/11/2007 16:00	20.1	17.0
2/11/2007 17:00	12.7	16.7
2/11/2007 18:00	13.3	21.8
2/11/2007 19:00	14.3	13.6
2/11/2007 20:00	15.7	14.7
2/11/2007 21:00	17.5	21.3
2/11/2007 22:00	22.9	18.4
2/11/2007 23:00	23.3	20.4
2/12/2007 0:00	24.1	22.7
2/12/2007 1:00	26.7	29.2
2/12/2007 2:00	26.4	25.0
2/12/2007 3:00	25.8	22.0
2/12/2007 4:00	27.0	24.8
2/12/2007 5:00	24.2	21.4
2/12/2007 6:00	32.3	28.8
2/12/2007 7:00	34.2	26.8
2/12/2007 8:00	31.5	32.1
2/12/2007 9:00	42.3	42.2
2/12/2007 10:00	42.6	33.2
2/12/2007 11:00	41.1	27.2
2/12/2007 12:00	41.6	33.5
2/12/2007 13:00	40.9	43.9
2/12/2007 14:00	29.8	38.0
2/12/2007 15:00	26.0	30.9
2/12/2007 16:00	28.6	40.6
2/12/2007 17:00	26.7	33.5
2/12/2007 18:00	25.8	34.0
2/12/2007 19:00	26.7	34.2
2/12/2007 20:00	18.5	22.1
2/12/2007 21:00	15.7	15.4
2/12/2007 22:00	14.1	16.3
2/12/2007 23:00	12.5	16.0

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/13/2007 0:00	5.8	12.7
2/13/2007 1:00	5.5	9.9
2/13/2007 2:00	7.2	11.0
2/13/2007 3:00	8.8	9.9
2/13/2007 4:00	10.9	9.7
2/13/2007 5:00	7.0	12.3
2/13/2007 6:00	6.4	11.8
2/13/2007 7:00	9.1	9.2
2/13/2007 8:00	10.9	11.0
2/13/2007 9:00	10.4	14.6
2/13/2007 10:00	9.5	13.4
2/13/2007 11:00	11.8	12.5
2/13/2007 12:00	12.9	10.8
2/13/2007 13:00	10.6	11.2
2/13/2007 14:00	14.0	14.2
2/13/2007 15:00	15.6	12.3
2/13/2007 16:00	14.0	12.0
2/13/2007 17:00	24.5	16.2
2/13/2007 18:00	21.2	17.2
2/13/2007 19:00	10.1	20.8
2/13/2007 20:00	13.3	8.5
2/13/2007 21:00	15.3	12.8
2/13/2007 22:00	14.6	15.1
2/13/2007 23:00	17.3	11.2
2/14/2007 0:00	15.5	10.5
2/14/2007 1:00	11.3	11.5
2/14/2007 2:00	11.0	8.4
2/14/2007 3:00	12.1	7.2
2/14/2007 4:00	9.3	7.9
2/14/2007 5:00	4.1	6.9
2/14/2007 6:00	5.5	7.9
2/14/2007 7:00	7.2	7.5
2/14/2007 8:00	8.5	8.4
2/14/2007 9:00	10.4	11.2
2/14/2007 10:00	10.8	11.5
2/14/2007 11:00	9.1	10.9
2/14/2007 12:00	12.0	9.3
2/14/2007 13:00	13.8	8.4
2/14/2007 14:00	12.1	8.8
2/14/2007 15:00	11.3	9.2
2/14/2007 16:00	10.3	8.1
2/14/2007 17:00	12.6	10.5
2/14/2007 18:00	10.2	13.6

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/14/2007 19:00	7.6	15.7
2/14/2007 20:00	20.4	18.1
2/14/2007 21:00	9.7	22.1
2/14/2007 22:00	22.8	24.4
2/14/2007 23:00	25.4	19.8
2/15/2007 0:00	19.5	15.6
2/15/2007 1:00	16.5	17.4
2/15/2007 2:00	10.8	16.0
2/15/2007 3:00	11.2	11.6
2/15/2007 4:00	16.0	9.7
2/15/2007 5:00	18.5	9.1
2/15/2007 6:00	27.5	14.3
2/15/2007 7:00	27.2	23.1
2/15/2007 8:00	20.4	19.0
2/15/2007 9:00	22.8	18.6
2/15/2007 10:00	16.1	18.4
2/15/2007 11:00	22.9	13.5
2/15/2007 12:00	15.4	8.0
2/15/2007 13:00	12.1	8.1
2/15/2007 14:00	12.3	7.0
2/15/2007 15:00	14.7	8.1
2/15/2007 16:00	21.5	11.9
2/15/2007 17:00	13.0	10.5
2/15/2007 18:00	12.7	6.4
2/15/2007 19:00	15.9	6.2
2/15/2007 20:00	17.1	7.5
2/15/2007 21:00	14.8	9.6
2/15/2007 22:00	13.6	12.4
2/15/2007 23:00	9.9	13.8
2/16/2007 0:00	10.3	13.8
2/16/2007 1:00	13.7	20.5
2/16/2007 2:00	12.7	12.7
2/16/2007 3:00	11.4	12.3
2/16/2007 4:00	15.0	13.0
2/16/2007 5:00	15.7	15.8
2/16/2007 6:00	25.4	23.1
2/16/2007 7:00	32.1	23.9
2/16/2007 8:00	28.0	24.7
2/16/2007 9:00	27.4	24.2
2/16/2007 10:00	27.0	23.9
2/16/2007 11:00	30.1	20.7
2/16/2007 12:00	27.1	23.9
2/16/2007 13:00	31.0	17.3

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/16/2007 14:00	33.6	21.2
2/16/2007 15:00	35.4	25.0
2/16/2007 16:00	30.1	28.0
2/16/2007 17:00	27.3	23.3
2/16/2007 18:00	27.8	17.3
2/16/2007 19:00	29.9	23.6
2/16/2007 20:00	26.0	25.6
2/16/2007 21:00	13.3	22.0
2/16/2007 22:00	29.5	21.8
2/16/2007 23:00	34.9	27.7
2/17/2007 0:00	36.6	23.7
2/17/2007 1:00	30.3	31.2
2/17/2007 2:00	32.2	26.5
2/17/2007 3:00	31.5	35.5
2/17/2007 4:00	35.7	25.0
2/17/2007 5:00	31.4	24.8
2/17/2007 6:00	28.1	22.1
2/17/2007 7:00	34.9	27.6
2/17/2007 8:00	34.1	30.5
2/17/2007 9:00	37.1	29.0
2/17/2007 10:00	36.4	29.3
2/17/2007 11:00	34.9	28.1
2/17/2007 12:00	29.8	28.6
2/17/2007 13:00	35.6	31.7
2/17/2007 14:00	40.5	36.6
2/17/2007 15:00	32.3	30.5
2/17/2007 16:00	35.0	36.3
2/17/2007 17:00	29.4	31.7
2/17/2007 18:00	38.3	29.8
2/17/2007 19:00	27.3	21.8
2/17/2007 20:00	24.5	27.7
2/17/2007 21:00	27.7	27.2
2/17/2007 22:00	30.5	33.3
2/17/2007 23:00	22.4	28.1
2/18/2007 0:00	15.6	12.5
2/18/2007 1:00	14.0	14.3
2/18/2007 2:00	14.2	16.5
2/18/2007 3:00	15.6	17.5
2/18/2007 4:00	15.7	18.6
2/18/2007 5:00	17.4	17.1
2/18/2007 6:00	16.9	13.5
2/18/2007 7:00	14.3	9.5
2/18/2007 8:00	15.0	9.5

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/18/2007 9:00	15.2	13.8
2/18/2007 10:00	10.6	12.1
2/18/2007 11:00	8.0	9.4
2/18/2007 12:00	9.0	8.4
2/18/2007 13:00	10.9	6.9
2/18/2007 14:00	12.2	9.3
2/18/2007 15:00	10.6	10.9
2/18/2007 16:00	8.6	10.8
2/18/2007 17:00	8.3	11.2
2/18/2007 18:00	9.8	10.9
2/18/2007 19:00	12.3	9.7
2/18/2007 20:00	23.8	13.5
2/18/2007 21:00	22.9	24.0
2/18/2007 22:00	31.1	15.6
2/18/2007 23:00	26.7	25.5
2/19/2007 0:00	16.2	23.6
2/19/2007 1:00	25.1	26.8
2/19/2007 2:00	19.4	22.7
2/19/2007 3:00	21.5	13.1
2/19/2007 4:00	16.5	14.4
2/19/2007 5:00	15.7	15.8
2/19/2007 6:00	13.9	15.2
2/19/2007 7:00	15.4	15.7
2/19/2007 8:00	18.4	20.2
2/19/2007 9:00	21.8	17.9
2/19/2007 10:00	15.5	15.5
2/19/2007 11:00	26.9	21.7
2/19/2007 12:00	22.2	14.0
2/19/2007 13:00	17.1	15.1
2/19/2007 14:00	17.3	17.4
2/19/2007 15:00	23.7	21.7
2/19/2007 16:00	24.3	24.0
2/19/2007 17:00	27.5	23.3
2/19/2007 18:00	19.6	20.5
2/19/2007 19:00	16.3	26.8
2/19/2007 20:00	14.1	16.1
2/19/2007 21:00	14.2	15.5
2/19/2007 22:00	13.8	15.3
2/19/2007 23:00	12.1	14.8
2/20/2007 0:00	9.6	15.3
2/20/2007 1:00	10.0	15.6
2/20/2007 2:00	13.2	14.7
2/20/2007 3:00	12.6	12.5

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/20/2007 4:00	12.1	11.4
2/20/2007 5:00	13.3	20.9
2/20/2007 6:00	13.8	15.5
2/20/2007 7:00	16.6	14.4
2/20/2007 8:00	16.8	15.6
2/20/2007 9:00	24.8	17.2
2/20/2007 10:00	27.0	17.7
2/20/2007 11:00	23.2	22.8
2/20/2007 12:00	28.6	20.3
2/20/2007 13:00	28.7	24.1
2/20/2007 14:00	28.4	31.5
2/20/2007 15:00	33.5	32.5
2/20/2007 16:00	33.7	37.2
2/20/2007 17:00	31.7	39.9
2/20/2007 18:00	27.9	32.0
2/20/2007 19:00	35.5	46.6
2/20/2007 20:00	33.3	47.3
2/20/2007 21:00	40.6	39.5
2/20/2007 22:00	39.2	44.3
2/20/2007 23:00	38.3	36.4
2/21/2007 0:00	27.0	32.6
2/21/2007 1:00	28.8	32.6
2/21/2007 2:00	34.2	35.0
2/21/2007 3:00	37.5	31.8
2/21/2007 4:00	37.3	26.4
2/21/2007 5:00	46.8	37.7
2/21/2007 6:00	47.6	27.5
2/21/2007 7:00	27.5	24.3
2/21/2007 8:00	25.6	21.3
2/21/2007 9:00	21.6	25.1
2/21/2007 10:00	26.3	24.3
2/21/2007 11:00	35.2	21.9
2/21/2007 12:00	39.2	30.1
2/21/2007 13:00	41.7	40.5
2/21/2007 14:00	41.2	33.3
2/21/2007 15:00	36.3	32.9
2/21/2007 16:00	39.2	40.0
2/21/2007 17:00	47.7	40.9
2/21/2007 18:00	47.3	45.4
2/21/2007 19:00	47.9	32.7
2/21/2007 20:00	38.6	31.3
2/21/2007 21:00	35.6	30.0
2/21/2007 22:00	38.3	33.6

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/21/2007 23:00	41.6	39.4
2/22/2007 0:00	41.5	38.1
2/22/2007 1:00	41.1	44.6
2/22/2007 2:00	51.1	50.9
2/22/2007 3:00	39.1	37.2
2/22/2007 4:00	30.0	40.7
2/22/2007 5:00	29.5	36.3
2/22/2007 6:00	33.8	38.7
2/22/2007 7:00	36.1	40.7
2/22/2007 8:00	37.8	37.2
2/22/2007 9:00	28.7	27.3
2/22/2007 10:00	20.0	14.3
2/22/2007 11:00	16.0	15.3
2/22/2007 12:00	16.0	16.0
2/22/2007 13:00	16.1	15.1
2/22/2007 14:00	13.4	12.6
2/22/2007 15:00	10.6	12.3
2/22/2007 16:00	24.9	15.4
2/22/2007 17:00	13.3	15.4
2/22/2007 18:00	9.3	12.6
2/22/2007 19:00	6.6	10.4
2/22/2007 20:00	9.5	10.4
2/22/2007 21:00	8.9	13.6
2/22/2007 22:00	4.5	12.3
2/22/2007 23:00	4.1	7.6
2/23/2007 0:00	9.1	9.3
2/23/2007 1:00	12.0	9.7
2/23/2007 2:00	9.1	8.0
2/23/2007 3:00	4.8	9.7
2/23/2007 4:00	4.0	12.7
2/23/2007 5:00	3.3	9.8
2/23/2007 6:00	4.5	8.1
2/23/2007 7:00	7.4	7.5
2/23/2007 8:00	10.4	7.3
2/23/2007 9:00	13.6	9.5
2/23/2007 10:00	11.2	10.0
2/23/2007 11:00	7.0	10.5
2/23/2007 12:00	11.2	9.3
2/23/2007 13:00	17.0	10.1
2/23/2007 14:00	13.9	14.3
2/23/2007 15:00	7.0	13.4
2/23/2007 16:00	11.0	9.7
2/23/2007 17:00	15.8	12.5

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/23/2007 18:00	10.1	15.4
2/23/2007 19:00	11.2	15.9
2/23/2007 20:00	15.6	15.4
2/23/2007 21:00	15.2	12.0
2/23/2007 22:00	12.9	10.6
2/23/2007 23:00	12.4	11.9
2/24/2007 0:00	7.6	11.9
2/24/2007 1:00	4.8	12.5
2/24/2007 2:00	12.0	12.8
2/24/2007 3:00	13.0	12.0
2/24/2007 4:00	10.6	10.6
2/24/2007 5:00	13.3	11.3
2/24/2007 6:00	21.0	26.1
2/24/2007 7:00	13.3	16.5
2/24/2007 8:00	11.8	12.8
2/24/2007 9:00	10.2	11.2
2/24/2007 10:00	12.4	13.9
2/24/2007 11:00	16.0	15.7
2/24/2007 12:00	14.1	14.5
2/24/2007 13:00	10.2	8.5
2/24/2007 14:00	11.7	9.2
2/24/2007 15:00	14.7	12.5
2/24/2007 16:00	17.3	13.1
2/24/2007 17:00	18.5	16.6
2/24/2007 18:00	13.5	14.9
2/24/2007 19:00	11.0	10.9
2/24/2007 20:00	10.5	9.8
2/24/2007 21:00	8.3	12.3
2/24/2007 22:00	11.7	14.6
2/24/2007 23:00	16.0	15.1
2/25/2007 0:00	14.1	12.5
2/25/2007 1:00	11.5	10.6
2/25/2007 2:00	11.6	13.1
2/25/2007 3:00	13.7	14.0
2/25/2007 4:00	15.4	14.4
2/25/2007 5:00	13.2	13.1
2/25/2007 6:00	13.9	12.3
2/25/2007 7:00	15.2	14.0
2/25/2007 8:00	9.6	15.5
2/25/2007 9:00	9.1	14.3
2/25/2007 10:00	11.4	12.3
2/25/2007 11:00	8.9	12.9
2/25/2007 12:00	6.9	11.9

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/25/2007 13:00	8.1	9.6
2/25/2007 14:00	9.8	9.7
2/25/2007 15:00	8.7	8.7
2/25/2007 16:00	11.2	12.5
2/25/2007 17:00	11.2	15.4
2/25/2007 18:00	10.6	15.0
2/25/2007 19:00	13.5	14.7
2/25/2007 20:00	14.1	9.9
2/25/2007 21:00	13.2	10.9
2/25/2007 22:00	10.9	14.7
2/25/2007 23:00	11.4	16.0
2/26/2007 0:00	24.0	17.2
2/26/2007 1:00	20.8	18.0
2/26/2007 2:00	23.0	20.9
2/26/2007 3:00	13.5	15.9
2/26/2007 4:00	13.9	16.4
2/26/2007 5:00	13.9	19.6
2/26/2007 6:00	11.2	17.5
2/26/2007 7:00	21.0	16.0
2/26/2007 8:00	15.3	16.1
2/26/2007 9:00	22.2	16.3
2/26/2007 10:00	20.4	14.4
2/26/2007 11:00	19.0	19.8
2/26/2007 12:00	18.0	16.6
2/26/2007 13:00	20.3	15.3
2/26/2007 14:00	19.6	15.7
2/26/2007 15:00	25.1	16.9
2/26/2007 16:00	21.0	19.9
2/26/2007 17:00	23.1	16.2
2/26/2007 18:00	23.9	17.4
2/26/2007 19:00	22.7	17.5
2/26/2007 20:00	26.2	24.1
2/26/2007 21:00	29.2	17.7
2/26/2007 22:00	32.4	21.6
2/26/2007 23:00	29.3	31.7
2/27/2007 0:00	32.1	29.0
2/27/2007 1:00	27.0	25.5
2/27/2007 2:00	25.1	23.9
2/27/2007 3:00	29.9	24.9
2/27/2007 4:00	25.4	22.9
2/27/2007 5:00	22.6	21.4
2/27/2007 6:00	28.9	25.2
2/27/2007 7:00	27.8	24.0

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/27/2007 8:00	29.7	31.1
2/27/2007 9:00	31.5	27.7
2/27/2007 10:00	35.8	34.3
2/27/2007 11:00	31.9	28.7
2/27/2007 12:00	27.1	29.6
2/27/2007 13:00	28.6	24.2
2/27/2007 14:00	37.2	19.9
2/27/2007 15:00	29.6	25.6
2/27/2007 16:00	25.9	27.5
2/27/2007 17:00	26.2	24.9
2/27/2007 18:00	22.6	21.8
2/27/2007 19:00	34.3	21.0
2/27/2007 20:00	31.1	22.7
2/27/2007 21:00	28.6	29.4
2/27/2007 22:00	38.6	34.6
2/27/2007 23:00	37.3	29.9
2/28/2007 0:00	39.5	38.4
2/28/2007 1:00	40.9	40.5
2/28/2007 2:00	44.4	41.0
2/28/2007 3:00	38.7	41.2
2/28/2007 4:00	33.1	33.7
2/28/2007 5:00	34.6	33.1
2/28/2007 6:00	33.4	33.1
2/28/2007 7:00	34.8	28.1
2/28/2007 8:00	44.9	43.5
2/28/2007 9:00	40.7	39.1
2/28/2007 10:00	38.3	33.9
2/28/2007 11:00	37.0	31.3
2/28/2007 12:00	28.9	27.2
2/28/2007 13:00	27.8	29.4
2/28/2007 14:00	25.8	26.6
2/28/2007 15:00	24.8	25.1
2/28/2007 16:00	30.5	25.9
2/28/2007 17:00	29.0	25.5
2/28/2007 18:00	28.1	35.7
2/28/2007 19:00	32.0	38.3
2/28/2007 20:00	38.8	34.8
2/28/2007 21:00	39.8	41.5
2/28/2007 22:00	41.1	48.2
2/28/2007 23:00	41.4	45.9
3/1/2007 0:00	30.8	36.7
3/1/2007 1:00	26.4	35.0
3/1/2007 2:00	28.4	26.8

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/1/2007 3:00	26.2	20.9
3/1/2007 4:00	20.8	17.1
3/1/2007 5:00	17.6	20.1
3/1/2007 6:00	23.6	17.9
3/1/2007 7:00	18.1	18.1
3/1/2007 8:00	21.0	28.2
3/1/2007 9:00	25.9	26.6
3/1/2007 10:00	23.8	29.2
3/1/2007 11:00	28.1	28.1
3/1/2007 12:00	25.5	27.1
3/1/2007 13:00	20.8	22.8
3/1/2007 14:00	20.1	26.8
3/1/2007 15:00	13.5	23.2
3/1/2007 16:00	15.9	22.3
3/1/2007 17:00	21.6	18.1
3/1/2007 18:00	20.5	26.0
3/1/2007 19:00	20.5	26.0
3/1/2007 20:00	20.6	20.6
3/1/2007 21:00	22.6	40.0
3/1/2007 22:00	26.3	44.9
3/1/2007 23:00	24.2	31.6
3/2/2007 0:00	27.7	33.4
3/2/2007 1:00	26.3	45.0
3/2/2007 2:00	21.3	33.5
3/2/2007 3:00	13.3	18.6
3/2/2007 4:00	13.3	21.3
3/2/2007 5:00	11.9	16.6
3/2/2007 6:00	12.0	17.6
3/2/2007 7:00	12.5	14.7
3/2/2007 8:00	15.4	19.9
3/2/2007 9:00	17.0	14.7
3/2/2007 10:00	15.0	14.5
3/2/2007 11:00	12.4	11.8
3/2/2007 12:00	10.0	11.3
3/2/2007 13:00	12.0	14.2
3/2/2007 14:00	14.8	12.3
3/2/2007 15:00	17.3	9.2
3/2/2007 16:00	16.3	13.6
3/2/2007 17:00	14.5	19.9
3/2/2007 18:00	15.4	16.0
3/2/2007 19:00	15.1	16.4
3/2/2007 20:00	11.7	14.5
3/2/2007 21:00	10.8	10.2

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/2/2007 22:00	9.9	8.7
3/2/2007 23:00	9.1	11.7
3/3/2007 0:00	12.0	11.6
3/3/2007 1:00	11.4	9.7
3/3/2007 2:00	11.5	8.5
3/3/2007 3:00	11.2	11.0
3/3/2007 4:00	9.3	14.9
3/3/2007 5:00	9.5	12.6
3/3/2007 6:00	12.1	11.0
3/3/2007 7:00	14.7	13.1
3/3/2007 8:00	11.8	13.2
3/3/2007 9:00	8.6	11.1
3/3/2007 10:00	10.0	11.0
3/3/2007 11:00	12.8	10.1
3/3/2007 12:00	12.8	10.1
3/3/2007 13:00	10.6	10.3
3/3/2007 14:00	11.2	10.0
3/3/2007 15:00	11.7	10.6
3/3/2007 16:00	10.0	10.4
3/3/2007 17:00	12.8	11.4
3/3/2007 18:00	17.1	15.7
3/3/2007 19:00	16.0	19.0
3/3/2007 20:00	12.8	15.5
3/3/2007 21:00	9.8	11.6
3/3/2007 22:00	9.1	10.2
3/3/2007 23:00	8.3	9.1
3/4/2007 0:00	7.3	8.5
3/4/2007 1:00	7.3	12.3
3/4/2007 2:00	5.3	12.0
3/4/2007 3:00	6.7	11.0
3/4/2007 4:00	9.8	13.6
3/4/2007 5:00	11.6	9.9
3/4/2007 6:00	10.0	9.1
3/4/2007 7:00	5.5	9.0
3/4/2007 8:00	6.7	9.9
3/4/2007 9:00	8.2	9.1
3/4/2007 10:00	7.6	7.1
3/4/2007 11:00	7.0	9.2
3/4/2007 12:00	6.8	10.1
3/4/2007 13:00	5.0	8.2
3/4/2007 14:00	6.7	7.2
3/4/2007 15:00	12.0	10.6
3/4/2007 16:00	13.9	13.1

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/4/2007 17:00	15.4	13.2
3/4/2007 18:00	13.6	11.7
3/4/2007 19:00	14.0	11.1
3/4/2007 20:00	14.6	11.8
3/4/2007 21:00	20.4	13.9
3/4/2007 22:00	12.1	15.5
3/4/2007 23:00	14.4	13.2
3/5/2007 0:00	15.2	15.6
3/5/2007 1:00	16.3	16.8
3/5/2007 2:00	17.0	13.8
3/5/2007 3:00	16.2	13.7
3/5/2007 4:00	18.5	20.1
3/5/2007 5:00	17.9	19.5
3/5/2007 6:00	15.8	21.2
3/5/2007 7:00	24.6	21.5
3/5/2007 8:00	26.0	23.1
3/5/2007 9:00	20.9	16.8
3/5/2007 10:00	13.7	13.8
3/5/2007 11:00	12.2	10.3
3/5/2007 12:00	8.7	13.8
3/5/2007 13:00	7.0	15.1
3/5/2007 14:00	7.8	9.9
3/5/2007 15:00	9.5	6.8
3/5/2007 16:00	12.6	5.3
3/5/2007 17:00	13.1	8.8
3/5/2007 18:00	13.1	15.1
3/5/2007 19:00	14.9	16.8
3/5/2007 20:00	12.0	12.7
3/5/2007 21:00	7.8	9.0
3/5/2007 22:00	7.4	9.6
3/5/2007 23:00	8.6	10.6
3/6/2007 0:00	8.9	9.0
3/6/2007 1:00	8.1	8.6
3/6/2007 2:00	8.6	8.8
3/6/2007 3:00	11.5	6.2
3/6/2007 4:00	11.0	4.9
3/6/2007 5:00	9.5	5.2
3/6/2007 6:00	9.9	9.1
3/6/2007 7:00	12.3	11.3
3/6/2007 8:00	13.1	10.8
3/6/2007 9:00	9.3	11.6
3/6/2007 10:00	9.2	10.3
3/6/2007 11:00	10.1	11.0

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/6/2007 12:00	10.5	10.8
3/6/2007 13:00	9.3	8.8
3/6/2007 14:00	8.8	10.1
3/6/2007 15:00	14.3	11.4
3/6/2007 16:00	15.4	11.3
3/6/2007 17:00	12.6	10.5
3/6/2007 18:00	15.4	10.8
3/6/2007 19:00	15.4	11.0
3/6/2007 20:00	13.8	10.4
3/6/2007 21:00	14.2	13.8
3/6/2007 22:00	13.8	14.9
3/6/2007 23:00	16.0	11.6
3/7/2007 0:00	17.1	10.8
3/7/2007 1:00	21.7	12.8
3/7/2007 2:00	14.5	14.6
3/7/2007 3:00	15.0	15.0
3/7/2007 4:00	14.8	14.7
3/7/2007 5:00	10.4	15.7
3/7/2007 6:00	10.9	16.2
3/7/2007 7:00	14.4	12.4
3/7/2007 8:00	13.2	10.8
3/7/2007 9:00	11.8	12.9
3/7/2007 10:00	12.9	14.4
3/7/2007 11:00	14.6	12.3
3/7/2007 12:00	15.3	11.4
3/7/2007 13:00	24.2	13.8
3/7/2007 14:00	18.8	15.7
3/7/2007 15:00	18.3	17.2
3/7/2007 16:00	18.7	17.2
3/7/2007 17:00	19.3	16.5
3/7/2007 18:00	22.1	23.0
3/7/2007 19:00	23.3	25.5
3/7/2007 20:00	28.6	16.9
3/7/2007 21:00	29.4	22.3
3/7/2007 22:00	20.1	24.6
3/7/2007 23:00	27.6	20.9
3/8/2007 0:00	21.3	17.5
3/8/2007 1:00	23.2	21.8
3/8/2007 2:00	23.1	17.5
3/8/2007 3:00	29.0	21.2
3/8/2007 4:00	30.4	25.5
3/8/2007 5:00	32.0	24.8
3/8/2007 6:00	31.7	28.0

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/8/2007 7:00	37.0	37.1
3/8/2007 8:00	42.4	44.8
3/8/2007 9:00	46.8	43.3
3/8/2007 10:00	55.8	48.9
3/8/2007 11:00	52.8	38.5
3/8/2007 12:00	52.1	36.3
3/8/2007 13:00	37.0	32.2
3/8/2007 14:00	25.9	23.2
3/8/2007 15:00	28.8	22.8
3/8/2007 16:00	19.5	23.5
3/8/2007 17:00	19.5	24.7
3/8/2007 18:00	29.2	26.3
3/8/2007 19:00	25.8	28.1
3/8/2007 20:00	33.6	36.0
3/8/2007 21:00	29.3	25.7
3/8/2007 22:00	27.9	25.9
3/8/2007 23:00	24.9	26.4
3/9/2007 0:00	26.9	22.3
3/9/2007 1:00	23.1	22.2
3/9/2007 2:00	20.9	21.8
3/9/2007 3:00	17.9	18.1
3/9/2007 4:00	14.5	16.0
3/9/2007 5:00	12.9	15.2
3/9/2007 6:00	25.6	17.9
3/9/2007 7:00	28.6	30.9
3/9/2007 8:00	35.4	41.4
3/9/2007 9:00	33.2	25.6
3/9/2007 10:00	30.5	25.1
3/9/2007 11:00	23.5	25.4
3/9/2007 12:00	23.2	18.5
3/9/2007 13:00	23.1	18.3
3/9/2007 14:00	19.0	21.5
3/9/2007 15:00	18.9	19.8
3/9/2007 16:00	23.9	23.2
3/9/2007 17:00	22.1	27.8
3/9/2007 18:00	34.1	29.8
3/9/2007 19:00	39.2	35.6
3/9/2007 20:00	32.5	45.6
3/9/2007 21:00	29.1	33.5
3/9/2007 22:00	29.5	40.8
3/9/2007 23:00	36.9	32.4
3/10/2007 0:00	41.0	40.2
3/10/2007 1:00	38.1	36.8

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/10/2007 2:00	33.1	37.7
3/10/2007 3:00	36.4	38.8
3/10/2007 4:00	45.0	40.4
3/10/2007 5:00	47.6	46.9
3/10/2007 6:00	46.0	45.5
3/10/2007 7:00	47.0	41.5
3/10/2007 8:00	45.9	49.1
3/10/2007 9:00	36.1	39.6
3/10/2007 10:00	42.5	37.7
3/10/2007 11:00	45.9	45.6
3/10/2007 12:00	45.3	41.3
3/10/2007 13:00	33.4	29.9
3/10/2007 14:00	23.0	25.8
3/10/2007 15:00	23.1	22.6
3/10/2007 16:00	15.4	14.7
3/10/2007 17:00	16.0	15.3
3/10/2007 18:00	13.4	12.0
3/10/2007 19:00	12.1	9.8
3/10/2007 20:00	13.4	12.0
3/10/2007 21:00	14.1	20.5
3/10/2007 22:00	20.4	19.8
3/10/2007 23:00	19.0	22.2
3/11/2007 0:00	23.3	18.3
3/11/2007 1:00	21.6	15.9
3/11/2007 3:00	22.3	22.0
3/11/2007 4:00	16.4	18.4
3/11/2007 5:00	23.5	17.7
3/11/2007 6:00	19.8	24.4
3/11/2007 7:00	17.0	19.4
3/11/2007 8:00	15.8	19.2
3/11/2007 9:00	17.3	14.7
3/11/2007 10:00	13.8	7.3
3/11/2007 11:00	8.3	6.1
3/11/2007 12:00	8.2	7.7
3/11/2007 13:00	9.4	7.7
3/11/2007 14:00	8.6	11.4
3/11/2007 15:00	12.9	13.3
3/11/2007 16:00	15.4	8.7
3/11/2007 17:00	15.6	7.8
3/11/2007 18:00	16.3	10.6
3/11/2007 19:00	13.3	12.8
3/11/2007 20:00	14.0	15.9
3/11/2007 21:00	14.9	17.7

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/11/2007 22:00	14.7	17.9
3/11/2007 23:00	17.5	15.9
3/12/2007 0:00	13.6	15.5
3/12/2007 1:00	13.9	16.3
3/12/2007 2:00	16.4	16.8
3/12/2007 3:00	23.0	21.9
3/12/2007 4:00	30.3	22.7
3/12/2007 5:00	29.1	23.4
3/12/2007 6:00	24.4	17.7
3/12/2007 7:00	21.7	21.6
3/12/2007 8:00	22.2	19.0
3/12/2007 9:00	20.6	21.4
3/12/2007 10:00	15.4	12.9
3/12/2007 11:00	16.8	12.7
3/12/2007 12:00	20.4	14.6
3/12/2007 13:00	15.6	23.4
3/12/2007 14:00	14.4	17.7
3/12/2007 15:00	15.4	15.5
3/12/2007 16:00	20.7	14.5
3/12/2007 17:00	16.5	15.2
3/12/2007 18:00	16.5	15.5
3/12/2007 19:00	24.1	17.5
3/12/2007 20:00	15.0	17.4
3/12/2007 21:00	23.2	14.6
3/12/2007 22:00	16.0	23.6
3/12/2007 23:00	20.6	16.1
3/13/2007 0:00	26.4	21.6
3/13/2007 1:00	25.7	26.8
3/13/2007 2:00	24.7	24.2
3/13/2007 3:00	20.8	18.9
3/13/2007 4:00	24.8	17.9
3/13/2007 5:00	29.8	17.7
3/13/2007 6:00	22.7	25.1
3/13/2007 7:00	29.2	23.9
3/13/2007 8:00	26.9	24.1
3/13/2007 9:00	27.1	31.8
3/13/2007 10:00	27.1	33.2
3/13/2007 11:00	34.1	28.5
3/13/2007 12:00	25.0	33.2
3/13/2007 13:00	23.6	27.7
3/13/2007 14:00	23.7	16.4
3/13/2007 15:00	22.6	25.1
3/13/2007 16:00	20.2	25.6

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/13/2007 17:00	24.6	25.9
3/13/2007 18:00	25.5	25.4
3/13/2007 19:00	34.9	24.7
3/13/2007 20:00	25.2	25.5
3/13/2007 21:00	29.3	28.2
3/13/2007 22:00	29.9	25.0
3/13/2007 23:00	31.0	31.5
3/14/2007 0:00	38.1	34.1
3/14/2007 1:00	43.7	40.8
3/14/2007 2:00	35.2	43.1
3/14/2007 3:00	38.4	41.9
3/14/2007 4:00	23.3	29.8
3/14/2007 5:00	19.5	24.2
3/14/2007 6:00	20.7	27.2
3/14/2007 7:00	26.1	23.7
3/14/2007 8:00	21.4	22.3
3/14/2007 9:00	30.4	26.1
3/14/2007 10:00	22.1	24.4
3/14/2007 11:00	23.3	31.1
3/14/2007 12:00	26.2	28.3
3/14/2007 13:00	31.9	33.5
3/14/2007 14:00	28.7	29.1
3/14/2007 15:00	31.6	29.2
3/14/2007 16:00	35.8	34.9
3/14/2007 17:00	41.7	44.6
3/14/2007 18:00	38.2	45.6
3/14/2007 19:00	38.1	39.2
3/14/2007 20:00	32.7	34.1
3/14/2007 21:00	27.1	35.3
3/14/2007 22:00	13.2	23.4
3/14/2007 23:00	11.2	18.2
3/15/2007 0:00	10.8	14.4
3/15/2007 1:00	9.9	10.6
3/15/2007 2:00	9.9	11.6
3/15/2007 3:00	10.5	11.6
3/15/2007 4:00	8.8	12.1
3/15/2007 5:00	8.0	8.7
3/15/2007 6:00	8.4	6.0
3/15/2007 7:00	9.3	9.2
3/15/2007 8:00	7.8	9.0
3/15/2007 9:00	10.4	10.7
3/15/2007 10:00	11.7	11.4
3/15/2007 11:00	6.0	9.1

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/15/2007 12:00	4.3	9.5
3/15/2007 13:00	9.3	10.8
3/15/2007 14:00	11.8	9.3
3/15/2007 15:00	9.7	7.3
3/15/2007 16:00	10.1	8.8
3/15/2007 17:00	11.6	10.3
3/15/2007 18:00	11.6	13.2
3/15/2007 19:00	12.5	4.7
3/15/2007 20:00	13.9	19.5
3/15/2007 21:00	13.8	19.4
3/15/2007 22:00	10.8	17.3
3/15/2007 23:00	11.2	14.2
3/16/2007 0:00	10.6	10.5
3/16/2007 1:00	9.0	11.1
3/16/2007 2:00	12.8	16.4
3/16/2007 3:00	12.8	14.6
3/16/2007 4:00	6.9	9.6
3/16/2007 5:00	8.6	10.5
3/16/2007 6:00	15.0	13.1
3/16/2007 7:00	15.2	10.8
3/16/2007 8:00	15.0	19.9
3/16/2007 9:00	13.6	18.6
3/16/2007 10:00	12.5	16.6
3/16/2007 11:00	14.6	11.4
3/16/2007 12:00	13.7	11.2
3/16/2007 13:00	12.2	13.6
3/16/2007 14:00	12.2	13.8
3/16/2007 15:00	12.2	13.8
3/16/2007 16:00	12.9	16.4
3/16/2007 17:00	14.1	16.7
3/16/2007 18:00	15.3	15.2
3/16/2007 19:00	14.4	12.6
3/16/2007 20:00	12.8	12.3
3/16/2007 21:00	12.9	14.4
3/16/2007 22:00	13.7	12.1
3/16/2007 23:00	15.1	12.1
3/17/2007 0:00	13.5	12.5
3/17/2007 1:00	11.9	10.1
3/17/2007 2:00	13.7	10.6
3/17/2007 3:00	12.8	10.8
3/17/2007 4:00	11.2	10.3
3/17/2007 5:00	11.5	10.2
3/17/2007 6:00	13.1	9.9

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/17/2007 7:00	13.1	12.7
3/17/2007 8:00	11.8	11.4
3/17/2007 9:00	12.0	8.4
3/17/2007 10:00	12.0	10.3
3/17/2007 11:00	9.7	9.4
3/17/2007 12:00	7.2	6.3
3/17/2007 13:00	8.7	5.0
3/17/2007 14:00	9.8	4.6
3/17/2007 15:00	10.3	7.3
3/17/2007 16:00	11.6	10.6
3/17/2007 17:00	9.9	10.4
3/17/2007 18:00	6.9	7.2
3/17/2007 19:00	10.3	5.4
3/17/2007 20:00	14.5	5.6
3/17/2007 21:00	10.6	8.8
3/17/2007 22:00	11.1	10.8
3/17/2007 23:00	13.6	12.5
3/18/2007 0:00	12.7	12.5
3/18/2007 1:00	10.4	9.3
3/18/2007 2:00	10.6	11.4
3/18/2007 3:00	14.1	9.9
3/18/2007 4:00	11.3	6.3
3/18/2007 5:00	13.3	6.6
3/18/2007 6:00	12.7	10.6
3/18/2007 7:00	7.5	14.4
3/18/2007 8:00	6.5	13.7
3/18/2007 9:00	7.2	10.6
3/18/2007 10:00	11.7	9.5
3/18/2007 11:00	13.5	10.9
3/18/2007 12:00	10.6	9.2
3/18/2007 13:00	8.7	5.0
3/18/2007 14:00	8.9	4.9
3/18/2007 15:00	7.4	5.1
3/18/2007 16:00	7.0	5.4
3/18/2007 17:00	7.0	6.4
3/18/2007 18:00	7.5	10.6
3/18/2007 19:00	10.2	14.4
3/18/2007 20:00	9.1	13.8
3/18/2007 21:00	9.7	12.5
3/18/2007 22:00	24.2	13.6
3/18/2007 23:00	16.8	20.2
3/19/2007 0:00	16.1	9.9
3/19/2007 1:00	16.0	11.4

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/19/2007 2:00	16.0	13.7
3/19/2007 3:00	23.3	15.1
3/19/2007 4:00	12.1	16.4
3/19/2007 5:00	14.4	16.8
3/19/2007 6:00	14.5	16.1
3/19/2007 7:00	11.4	14.9
3/19/2007 8:00	11.9	14.0
3/19/2007 9:00	12.5	9.6
3/19/2007 10:00	12.5	10.8
3/19/2007 11:00	11.0	10.0
3/19/2007 12:00	11.6	6.7
3/19/2007 13:00	12.1	10.3
3/19/2007 14:00	11.0	12.8
3/19/2007 15:00	14.7	13.2
3/19/2007 16:00	15.7	14.9
3/19/2007 17:00	16.2	28.3
3/19/2007 18:00	25.7	28.3
3/19/2007 19:00	25.4	25.5
3/19/2007 20:00	32.3	24.9
3/19/2007 21:00	34.7	26.3
3/19/2007 22:00	33.5	36.1
3/19/2007 23:00	35.4	30.9
3/20/2007 0:00	27.8	36.7
3/20/2007 1:00	29.8	26.2
3/20/2007 2:00	24.9	27.4
3/20/2007 3:00	20.0	15.4
3/20/2007 4:00	9.2	21.5
3/20/2007 5:00	9.7	13.7
3/20/2007 6:00	11.0	11.2
3/20/2007 7:00	13.0	10.2
3/20/2007 8:00	14.4	12.9
3/20/2007 9:00	11.3	15.0
3/20/2007 10:00	9.5	16.3
3/20/2007 11:00	11.2	14.6
3/20/2007 12:00	11.6	10.5
3/20/2007 13:00	11.4	10.0
3/20/2007 14:00	10.9	8.5
3/20/2007 15:00	10.0	8.0
3/20/2007 16:00	11.4	13.6
3/20/2007 17:00	13.3	17.8
3/20/2007 18:00	13.7	18.0
3/20/2007 19:00	10.6	12.0
3/20/2007 20:00	8.7	7.5

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/20/2007 21:00	11.3	11.9
3/20/2007 22:00	12.3	17.6
3/20/2007 23:00	9.6	19.4
3/21/2007 0:00	5.2	20.7
3/21/2007 1:00	6.3	19.6
3/21/2007 2:00	11.2	13.3
3/21/2007 3:00	13.7	14.7
3/21/2007 4:00	12.4	15.7
3/21/2007 5:00	9.5	12.9
3/21/2007 6:00	10.5	11.0
3/21/2007 7:00	13.6	12.7
3/21/2007 8:00	14.6	16.4
3/21/2007 9:00	23.9	17.0
3/21/2007 10:00	16.5	19.8
3/21/2007 11:00	17.5	13.6
3/21/2007 12:00	17.6	14.0
3/21/2007 13:00	18.0	13.8
3/21/2007 14:00	20.5	14.2
3/21/2007 15:00	22.7	20.2
3/21/2007 16:00	25.4	23.1
3/21/2007 17:00	27.3	22.2
3/21/2007 18:00	20.0	21.6
3/21/2007 19:00	23.0	22.8
3/21/2007 20:00	23.9	27.4
3/21/2007 21:00	32.3	35.0
3/21/2007 22:00	27.2	28.8
3/21/2007 23:00	30.0	28.1
3/22/2007 0:00	23.9	24.5
3/22/2007 1:00	28.6	28.2
3/22/2007 2:00	26.3	26.8
3/22/2007 3:00	24.5	25.6
3/22/2007 4:00	21.2	31.7
3/22/2007 5:00	26.4	29.6
3/22/2007 6:00	20.6	27.8
3/22/2007 7:00	20.2	18.1
3/22/2007 8:00	15.3	19.9
3/22/2007 9:00	17.3	20.2
3/22/2007 10:00	17.6	27.4
3/22/2007 11:00	17.7	16.9
3/22/2007 12:00	17.9	17.9
3/22/2007 13:00	17.8	20.5
3/22/2007 14:00	17.6	15.9
3/22/2007 15:00	23.3	17.4

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/22/2007 16:00	16.3	20.5
3/22/2007 17:00	10.6	11.2
3/22/2007 18:00	7.8	9.2
3/22/2007 19:00	11.6	9.2
3/22/2007 20:00	12.8	9.9
3/22/2007 21:00	13.7	11.0
3/22/2007 22:00	12.1	13.4
3/22/2007 23:00	11.2	14.2
3/23/2007 0:00	14.4	16.6
3/23/2007 1:00	18.1	15.8
3/23/2007 2:00	16.6	20.0
3/23/2007 3:00	16.8	18.8
3/23/2007 4:00	18.9	22.9
3/23/2007 5:00	17.2	14.0
3/23/2007 6:00	16.8	23.0
3/23/2007 7:00	15.6	11.2
3/23/2007 8:00	13.5	13.6
3/23/2007 9:00	11.6	29.1
3/23/2007 10:00	24.4	24.6
3/23/2007 11:00	22.9	16.1
3/23/2007 12:00	11.5	17.0
3/23/2007 13:00	21.7	15.9
3/23/2007 14:00	13.1	13.3
3/23/2007 15:00	12.5	11.9
3/23/2007 16:00	11.9	12.2
3/23/2007 17:00	14.1	14.0
3/23/2007 18:00	14.7	20.5
3/23/2007 19:00	13.8	18.7
3/23/2007 20:00	13.0	18.1
3/23/2007 21:00	12.2	18.1
3/23/2007 22:00	13.2	17.6
3/23/2007 23:00	10.8	18.0
3/24/2007 0:00	11.2	17.4
3/24/2007 1:00	13.6	9.7
3/24/2007 2:00	12.6	9.9
3/24/2007 3:00	11.4	17.2
3/24/2007 4:00	12.2	17.2
3/24/2007 5:00	14.2	15.9
3/24/2007 6:00	13.0	16.9
3/24/2007 7:00	15.4	23.5
3/24/2007 8:00	27.8	27.5
3/24/2007 9:00	41.3	44.3
3/24/2007 10:00	41.1	53.0

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/24/2007 11:00	35.2	41.3
3/24/2007 12:00	43.1	42.7
3/24/2007 13:00	19.3	30.0
3/24/2007 14:00	20.2	22.5
3/24/2007 15:00	22.1	23.6
3/24/2007 16:00	21.2	19.3
3/24/2007 17:00	22.9	27.1
3/24/2007 18:00	16.7	19.1
3/24/2007 19:00	21.7	25.7
3/24/2007 20:00	16.6	24.0
3/24/2007 21:00	23.9	25.4
3/24/2007 22:00	27.2	33.7
3/24/2007 23:00	24.1	29.5
3/25/2007 0:00	24.5	29.1
3/25/2007 1:00	23.9	29.4
3/25/2007 2:00	54.9	31.6
3/25/2007 3:00	47.1	34.0
3/25/2007 4:00	41.3	33.3
3/25/2007 5:00	33.3	29.3
3/25/2007 6:00	27.1	34.4
3/25/2007 7:00	28.9	32.3
3/25/2007 8:00	25.1	24.9
3/25/2007 9:00	23.5	22.0
3/25/2007 10:00	12.1	18.6
3/25/2007 11:00	14.7	19.0
3/25/2007 12:00	20.9	17.9
3/25/2007 13:00	18.9	21.4
3/25/2007 14:00	16.7	15.0
3/25/2007 15:00	20.2	17.2
3/25/2007 16:00	19.3	19.6
3/25/2007 17:00	16.9	19.4
3/25/2007 18:00	16.4	17.6
3/25/2007 19:00	17.4	21.7
3/25/2007 20:00	20.6	20.7
3/25/2007 21:00	17.5	24.4
3/25/2007 22:00	21.2	27.6
3/25/2007 23:00	12.4	26.1
3/26/2007 0:00	14.3	24.8
3/26/2007 1:00	17.4	18.8
3/26/2007 2:00	4.9	4.7
3/26/2007 3:00	24.5	19.1
3/26/2007 4:00	20.9	19.0
3/26/2007 5:00	23.2	22.6

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/26/2007 6:00	22.6	24.0
3/26/2007 7:00	24.3	24.6
3/26/2007 8:00	28.4	27.4
3/26/2007 9:00	27.9	21.7
3/26/2007 10:00	25.2	16.1
3/26/2007 11:00	13.1	19.7
3/26/2007 12:00	15.4	14.6
3/26/2007 13:00	16.8	14.3
3/26/2007 14:00	16.7	21.4
3/26/2007 15:00	16.4	15.0
3/26/2007 16:00	14.3	15.4
3/26/2007 17:00	15.1	15.5
3/26/2007 18:00	17.1	15.6
3/26/2007 19:00	16.7	17.4
3/26/2007 20:00	14.7	15.7
3/26/2007 21:00	16.4	11.8
3/26/2007 22:00	19.7	13.6
3/26/2007 23:00	20.5	19.8
3/27/2007 0:00	16.0	23.5
3/27/2007 1:00	14.7	25.0
3/27/2007 2:00	20.3	22.0
3/27/2007 3:00	25.8	25.2
3/27/2007 4:00	22.6	28.9
3/27/2007 5:00	28.1	26.5
3/27/2007 6:00	37.4	26.1
3/27/2007 7:00	27.5	30.4
3/27/2007 8:00	24.5	32.1
3/27/2007 9:00	29.7	26.5
3/27/2007 10:00	21.4	21.8
3/27/2007 11:00	20.7	24.2
3/27/2007 12:00	16.6	22.8
3/27/2007 13:00	20.6	18.0
3/27/2007 14:00	12.4	18.3
3/27/2007 15:00	14.6	23.8
3/27/2007 16:00	22.1	8.9
3/27/2007 17:00	17.9	14.0
3/27/2007 18:00	16.7	22.8
3/27/2007 19:00	17.5	17.3
3/27/2007 20:00	19.5	23.3
3/27/2007 21:00	17.8	22.8
3/27/2007 22:00	15.9	25.0
3/27/2007 23:00	15.4	16.0
3/28/2007 0:00	11.2	16.4

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/28/2007 1:00	20.1	20.8
3/28/2007 2:00	16.7	15.1
3/28/2007 3:00	21.9	16.6
3/28/2007 4:00	14.3	21.8
3/28/2007 5:00	14.8	17.2
3/28/2007 6:00	15.3	14.4
3/28/2007 7:00	11.3	11.8
3/28/2007 8:00	7.6	11.3
3/28/2007 9:00	8.9	12.9
3/28/2007 10:00	10.4	13.8
3/28/2007 11:00	11.0	9.6
3/28/2007 12:00	8.5	8.7
3/28/2007 13:00	5.1	8.4
3/28/2007 14:00	4.6	5.1
3/28/2007 15:00	3.0	5.7
3/28/2007 16:00	2.7	6.3
3/28/2007 17:00	1.3	6.4
3/28/2007 18:00	4.2	10.0
3/28/2007 19:00	12.4	11.6
3/28/2007 20:00	12.9	14.6
3/28/2007 21:00	10.4	15.1
3/28/2007 22:00	9.9	10.7
3/28/2007 23:00	9.1	7.5
3/29/2007 0:00	10.2	6.8
3/29/2007 1:00	9.1	8.1
3/29/2007 2:00	4.5	8.1
3/29/2007 3:00	5.6	8.1
3/29/2007 4:00	8.8	8.3
3/29/2007 5:00	9.7	10.7
3/29/2007 6:00	8.2	8.7
3/29/2007 7:00	8.2	4.6
3/29/2007 8:00	7.2	8.4
3/29/2007 9:00	5.1	8.4
3/29/2007 10:00	9.6	6.2
3/29/2007 11:00	9.7	7.9
3/29/2007 12:00	7.0	7.9
3/29/2007 13:00	9.5	6.1
3/29/2007 14:00	7.9	3.7
3/29/2007 15:00	5.7	5.4
3/29/2007 16:00	6.0	4.4
3/29/2007 17:00	5.5	1.0
3/29/2007 18:00	5.4	2.7
3/29/2007 19:00	5.1	4.0

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/29/2007 20:00	6.3	3.2
3/29/2007 21:00	6.6	7.1
3/29/2007 22:00	7.1	13.9
3/29/2007 23:00	9.3	14.2
3/30/2007 0:00	10.5	11.6
3/30/2007 1:00	10.9	11.6
3/30/2007 2:00	10.9	12.5
3/30/2007 3:00	9.3	10.6
3/30/2007 4:00	8.9	8.8
3/30/2007 5:00	11.2	8.6
3/30/2007 6:00	12.4	10.1
3/30/2007 7:00	12.0	9.9
3/30/2007 8:00	9.8	9.9
3/30/2007 9:00	9.0	12.9
3/30/2007 10:00	10.9	14.6
3/30/2007 11:00	11.9	13.3
3/30/2007 12:00	10.5	13.1
3/30/2007 13:00	9.6	13.3
3/30/2007 14:00	13.3	14.2
3/30/2007 15:00	17.5	23.7
3/30/2007 16:00	26.0	20.7
3/30/2007 17:00	26.1	19.4
3/30/2007 18:00	17.3	25.4
3/30/2007 19:00	16.5	12.7
3/30/2007 20:00	13.1	14.8
3/30/2007 21:00	11.2	15.8
3/30/2007 22:00	12.7	17.0
3/30/2007 23:00	24.3	28.4
3/31/2007 0:00	18.4	22.7
3/31/2007 1:00	16.8	21.0
3/31/2007 2:00	22.0	27.6
3/31/2007 3:00	12.4	18.0
3/31/2007 4:00	16.1	16.9
3/31/2007 5:00	17.5	21.2
3/31/2007 6:00	32.0	19.8
3/31/2007 7:00	20.2	24.6
3/31/2007 8:00	26.3	25.8
3/31/2007 9:00	18.1	18.8
3/31/2007 10:00	15.0	15.7
3/31/2007 11:00	9.8	13.5
3/31/2007 12:00	10.1	13.1
3/31/2007 13:00	13.7	10.5
3/31/2007 14:00	13.2	7.7

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/31/2007 15:00	11.4	7.9
3/31/2007 16:00	8.1	6.2
3/31/2007 17:00	6.8	6.8
3/31/2007 18:00	6.6	9.7
3/31/2007 19:00	5.5	8.2
3/31/2007 20:00	6.6	8.8
3/31/2007 21:00	7.4	8.4
3/31/2007 22:00	9.0	8.3
3/31/2007 23:00	7.2	10.8

Appendix A3

Record of Meteorological Data

Appendix A3

Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
1/1/2007 0:00	10.7	89.6	3.4	188	10.2	90.0	4.4	181
1/1/2007 1:00	10.7	80.6	4.9	197	10.1	78.5	6.1	187
1/1/2007 2:00	8.8	80.0	5.0	207	8.5	81.0	6.7	201
1/1/2007 3:00	8.1	80.5	4.5	213	7.8	81.1	6.0	203
1/1/2007 4:00	8.0	75.2	4.9	218	7.7	76.5	6.0	208
1/1/2007 5:00	7.0	78.5	3.2	214	6.6	80.1	4.4	205
1/1/2007 6:00	6.1	82.3	3.4	197	5.8	84.3	4.4	192
1/1/2007 7:00	6.1	76.1	3.5	200	5.7	77.8	4.1	192
1/1/2007 8:00	6.2	83.5	3.5	190	5.9	83.9	4.9	182
1/1/2007 9:00	5.9	82.3	3.3	191	5.7	84.6	4.2	184
1/1/2007 10:00	6.3	81.0	3.1	194	6.3	83.0	3.8	185
1/1/2007 11:00	6.4	79.2	3.5	203	6.4	81.2	4.5	194
1/1/2007 12:00	6.0	72.0	4.1	221	5.8	74.3	5.8	216
1/1/2007 13:00	5.0	75.7	3.5	242	4.8	76.3	5.8	229
1/1/2007 14:00	4.6	74.6	2.7	247	4.4	77.1	4.2	231
1/1/2007 15:00	4.4	74.4	3.1	252	4.3	74.0	4.6	235
1/1/2007 16:00	3.9	77.0	2.8	252	3.8	77.5	4.5	233
1/1/2007 17:00	3.7	79.6	2.3	258	3.4	79.8	3.9	241
1/1/2007 18:00	3.8	81.5	2.1	266	3.5	82.1	3.7	249
1/1/2007 19:00	4.4	77.7	2.0	288	4.1	78.2	3.3	264
1/1/2007 20:00	5.0	72.5	2.7	300	4.7	72.4	4.3	277
1/1/2007 21:00	4.6	69.0	3.0	309	4.3	71.1	4.9	286
1/1/2007 22:00	4.1	64.6	3.7	315	3.8	64.7	5.0	294
1/1/2007 23:00	2.9	69.2	2.5	314	2.6	69.5	3.7	293
1/2/2007 0:00	2.1	71.7	2.0	305	1.8	72.2	2.9	284
1/2/2007 1:00	1.7	75.1	1.7	299	1.3	75.5	2.5	276
1/2/2007 2:00	1.2	76.5	1.8	302	0.9	78.1	2.7	278
1/2/2007 3:00	1.0	75.5	1.7	306	0.6	76.9	2.6	280
1/2/2007 4:00	0.7	76.1	1.6	302	0.4	75.9	2.5	278
1/2/2007 5:00	0.5	76.3	1.4	299	0.2	76.3	2.3	275
1/2/2007 6:00	0.5	77.9	1.0	295	0.0	82.9	1.6	261
1/2/2007 7:00	-0.4	82.1	0.9	221	-1.5	85.7	1.1	208
1/2/2007 8:00	-1.5	88.1	0.3	199	-2.1	88.6	0.6	188
1/2/2007 9:00	-1.8	87.6	0.5	163	-2.0	84.9	0.6	152
1/2/2007 10:00	0.2	78.2	1.8	190	0.5	76.9	2.6	187
1/2/2007 11:00	1.8	70.8	2.2	213	2.7	67.5	3.0	197
1/2/2007 12:00	3.4	65.8	2.4	197	4.2	64.8	3.2	185
1/2/2007 13:00	5.2	55.2	2.8	215	6.0	55.9	3.5	198
1/2/2007 14:00	6.5	49.5	3.0	211	6.7	52.7	4.2	198
1/2/2007 15:00	6.5	51.3	3.2	205	6.6	61.7	3.9	191
1/2/2007 16:00	6.3	59.3	3.2	194	6.0	61.8	3.9	185
1/2/2007 17:00	5.5	64.4	2.4	196	5.1	68.2	3.1	191
1/2/2007 18:00	4.5	70.2	2.0	190	3.8	75.0	2.4	184

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
1/2/2007 19:00	3.7	78.4	1.6	178	3.2	80.6	2.2	177
1/2/2007 20:00	3.4	83.8	1.7	183	3.1	83.3	2.7	185
1/2/2007 21:00	3.4	77.8	2.1	182	3.2	80.8	3.0	181
1/2/2007 22:00	4.1	74.2	2.8	190	3.4	81.5	2.7	178
1/2/2007 23:00	4.1	72.7	3.0	202	3.4	76.3	3.0	186
1/3/2007 0:00	3.5	75.2	2.5	208	3.0	77.6	3.3	197
1/3/2007 1:00	2.8	80.5	2.7	209	2.3	82.8	3.3	196
1/3/2007 2:00	2.4	83.0	2.8	206	1.7	85.8	3.3	194
1/3/2007 3:00	2.1	85.3	2.5	207	1.6	87.1	3.3	198
1/3/2007 4:00	1.9	85.3	2.4	195	1.2	87.3	2.8	190
1/3/2007 5:00	1.5	86.1	2.3	190	1.1	87.0	2.7	186
1/3/2007 6:00	1.4	86.4	2.5	191	1.1	87.6	3.1	187
1/3/2007 7:00	1.4	87.0	2.5	200	1.1	88.3	3.4	192
1/3/2007 8:00	1.1	87.3	2.3	199	0.7	89.6	2.9	188
1/3/2007 9:00	1.4	85.0	2.9	205	1.0	86.0	3.6	192
1/3/2007 10:00	2.4	78.4	3.9	207	2.4	77.6	5.0	196
1/3/2007 11:00	3.9	67.4	4.7	206	4.4	66.3	5.7	197
1/3/2007 12:00	5.6	62.3	4.7	210	6.2	61.3	5.9	202
1/3/2007 13:00	6.7	56.8	4.9	213	7.2	58.6	6.4	204
1/3/2007 14:00	8.0	52.2	4.8	216	8.1	56.0	6.6	205
1/3/2007 15:00	8.4	52.8	4.2	211	8.4	54.6	5.4	203
1/3/2007 16:00	8.6	53.8	3.9	208	8.2	58.2	4.8	199
1/3/2007 17:00	7.9	60.9	3.3	200	7.1	69.8	4.0	185
1/3/2007 18:00	5.9	75.7	2.4	185	5.3	78.8	3.4	180
1/3/2007 19:00	5.3	77.7	2.2	183	4.8	81.8	2.5	180
1/3/2007 20:00	5.4	81.1	2.6	186	4.7	84.8	3.1	180
1/3/2007 21:00	4.9	84.0	2.5	179	4.5	84.6	3.5	175
1/3/2007 22:00	4.8	85.7	2.7	181	4.3	85.9	3.7	176
1/3/2007 23:00	4.7	84.4	2.8	179	4.3	85.3	3.4	177
1/4/2007 0:00	4.7	86.1	2.7	176	4.4	85.4	3.9	174
1/4/2007 1:00	4.7	85.0	2.8	179	4.4	85.0	3.6	174
1/4/2007 2:00	4.6	85.1	2.9	175	4.5	84.6	3.7	173
1/4/2007 3:00	4.8	85.2	2.9	183	4.6	85.4	3.8	178
1/4/2007 4:00	4.4	86.9	2.2	180	4.2	88.5	3.2	177
1/4/2007 5:00	4.7	80.6	2.1	185	4.3	82.7	2.7	184
1/4/2007 6:00	5.5	78.6	3.1	194	4.8	82.9	3.3	185
1/4/2007 7:00	5.4	84.8	2.7	188	4.6	87.5	3.1	179
1/4/2007 8:00	4.5	85.9	2.3	176	4.2	87.9	3.0	170
1/4/2007 9:00	5.0	81.9	3.0	186	4.5	83.4	3.5	177
1/4/2007 10:00	6.0	78.5	3.4	188	6.0	78.7	3.9	178
1/4/2007 11:00	7.2	73.6	3.8	188	7.3	75.8	5.0	181
1/4/2007 12:00	7.7	71.8	4.1	189	7.6	73.1	5.5	179
1/4/2007 13:00	8.4	71.2	4.5	185	8.3	74.0	5.8	179

Appendix A3

Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
1/4/2007 14:00	8.7	71.4	4.9	186	8.6	72.0	6.3	180
1/4/2007 15:00	9.1	70.2	4.3	186	8.8	71.7	5.7	179
1/4/2007 16:00	9.1	70.1	4.2	184	8.9	73.6	5.3	176
1/4/2007 17:00	9.0	76.1	3.5	180	8.4	77.6	4.9	175
1/4/2007 18:00	8.0	89.1	3.2	178	7.7	88.6	4.7	175
1/4/2007 19:00	7.6	90.8	3.5	186	7.4	90.6	4.1	181
1/4/2007 20:00	7.4	94.3	3.8	187	7.2	94.0	4.5	178
1/4/2007 21:00	7.3	94.8	2.7	183	7.1	94.4	3.3	176
1/4/2007 22:00	7.6	95.2	1.9	168	7.4	94.4	2.6	159
1/4/2007 23:00	7.7	95.7	2.0	165	7.5	94.3	2.8	154
1/5/2007 0:00	8.0	96.8	1.6	189	7.9	96.8	2.6	174
1/5/2007 1:00	8.1	96.9	0.7	342	7.8	97.5	1.2	330
1/5/2007 2:00	8.1	97.3	0.4	116	7.7	97.7	0.7	81
1/5/2007 3:00	7.8	97.6	0.9	151	7.3	98.4	1.8	134
1/5/2007 4:00	8.0	97.6	1.8	178	7.7	98.3	2.3	169
1/5/2007 5:00	8.7	97.6	2.2	204	8.3	98.3	2.9	200
1/5/2007 6:00	9.8	95.0	2.6	218	9.4	96.9	3.5	210
1/5/2007 7:00	10.6	92.3	2.4	230	10.3	93.5	3.7	222
1/5/2007 8:00	10.7	92.6	2.0	226	10.3	93.8	2.7	215
1/5/2007 9:00	10.7	93.3	1.6	205	10.3	94.7	2.0	194
1/5/2007 10:00	10.8	93.4	1.6	190	10.4	94.0	1.9	183
1/5/2007 11:00	11.1	91.7	1.7	194	10.7	93.8	1.8	177
1/5/2007 12:00	11.3	91.1	1.8	197	10.9	91.8	1.9	182
1/5/2007 13:00	11.6	89.7	1.3	220	11.4	91.0	1.4	196
1/5/2007 14:00	11.8	88.6	0.7	231	11.5	91.0	1.0	208
1/5/2007 15:00	11.7	91.2	0.6	176	10.9	95.1	1.1	144
1/5/2007 16:00	11.2	93.2	0.6	126	10.4	96.1	0.7	133
1/5/2007 17:00	10.9	94.9	0.4	123	10.4	96.7	0.5	104
1/5/2007 18:00	10.7	96.8	0.7	65	10.3	97.7	1.0	32
1/5/2007 19:00	10.5	96.9	0.4	74	10.1	98.2	0.8	62
1/5/2007 20:00	10.4	97.4	0.6	287	10.1	98.5	1.1	284
1/5/2007 21:00	10.3	97.7	1.3	79	10.0	98.5	2.1	59
1/5/2007 22:00	10.4	97.6	0.9	345	10.1	98.2	1.7	336
1/5/2007 23:00	10.4	97.6	0.3	351	10.1	98.0	0.9	332
1/6/2007 0:00	10.3	97.6	0.1	223	9.9	98.2	0.4	320
1/6/2007 1:00	10.2	97.9	0.3	208	9.9	98.1	0.4	231
1/6/2007 2:00	10.1	98.1	0.3	231	9.8	98.3	0.5	218
1/6/2007 3:00	9.9	98.1	1.2	264	9.7	98.3	2.0	237
1/6/2007 4:00	9.1	98.0	1.6	269	9.0	98.2	2.7	246
1/6/2007 5:00	8.8	97.8	1.4	230	8.6	98.0	2.3	221
1/6/2007 6:00	8.7	96.5	1.9	213	8.5	97.1	2.7	205
1/6/2007 7:00	8.9	94.1	2.3	216	8.6	95.0	3.0	206
1/6/2007 8:00	8.9	92.1	2.1	241	8.6	93.3	3.2	225

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
1/6/2007 9:00	8.5	86.7	2.3	256	8.3	86.2	4.4	241
1/6/2007 10:00	7.8	89.9	2.9	268	7.6	89.7	5.3	248
1/6/2007 11:00	6.8	91.1	2.2	286	6.5	91.6	3.8	259
1/6/2007 12:00	7.3	78.6	2.3	289	7.1	80.1	4.0	264
1/6/2007 13:00	7.6	73.6	3.0	271	7.5	74.8	4.9	253
1/6/2007 14:00	7.1	77.3	3.0	269	6.8	76.9	6.5	251
1/6/2007 15:00	6.0	70.3	2.7	279	5.8	71.3	5.4	259
1/6/2007 16:00	6.7	64.2	3.4	270	6.2	63.2	5.2	255
1/6/2007 17:00	6.4	63.7	2.5	270	6.3	65.6	4.4	242
1/6/2007 18:00	5.7	63.8	2.6	269	5.4	66.1	4.1	246
1/6/2007 19:00	5.2	67.6	2.3	267	4.8	69.4	2.8	239
1/6/2007 20:00	4.5	67.0	2.2	277	4.3	67.6	4.0	257
1/6/2007 21:00	3.8	67.5	2.1	269	3.3	69.3	3.4	245
1/6/2007 22:00	3.1	68.4	2.0	273	2.7	70.1	3.2	253
1/6/2007 23:00	2.5	74.5	1.1	244	1.7	79.4	1.5	224
1/7/2007 0:00	1.4	84.6	0.5	201	0.8	86.1	0.7	194
1/7/2007 1:00	0.0	88.6	0.5	193	-0.8	90.1	0.6	198
1/7/2007 2:00	-0.7	90.9	0.1	301	-1.1	92.5	0.4	283
1/7/2007 3:00	-1.3	92.9	0.2	167	-1.7	93.4	0.3	150
1/7/2007 4:00	-1.5	93.4	0.2	156	-1.9	94.4	0.2	96
1/7/2007 5:00	-1.9	93.5	0.0	101	-2.0	94.3	0.3	51
1/7/2007 6:00	-2.2	94.3	0.4	145	-2.4	94.7	0.4	109
1/7/2007 7:00	-1.8	94.5	0.4	127	-2.2	94.7	0.7	82
1/7/2007 8:00	-1.5	94.0	0.4	157	-1.7	94.2	0.5	125
1/7/2007 9:00	-1.1	93.9	0.5	137	-1.0	90.6	0.8	91
1/7/2007 10:00	0.4	92.9	0.2	120	0.2	86.9	0.5	86
1/7/2007 11:00	1.9	87.2	1.3	115	1.4	85.6	1.7	89
1/7/2007 12:00	2.9	88.4	1.3	132	2.1	90.0	1.8	106
1/7/2007 13:00	3.3	88.6	1.3	131	2.7	88.5	1.8	107
1/7/2007 14:00	3.8	85.8	1.6	120	3.2	86.3	2.4	102
1/7/2007 15:00	4.0	84.1	1.8	95	3.4	85.4	2.2	72
1/7/2007 16:00	4.0	87.0	1.6	57	3.3	88.0	2.5	39
1/7/2007 17:00	3.8	87.2	1.6	51	3.3	88.2	2.5	36
1/7/2007 18:00	3.8	91.2	1.2	69	3.1	92.4	2.3	44
1/7/2007 19:00	3.6	92.7	1.0	50	2.9	94.2	1.9	37
1/7/2007 20:00	3.5	93.4	1.6	76	2.9	93.3	2.8	56
1/7/2007 21:00	3.3	93.1	1.6	67	2.8	93.5	2.5	47
1/7/2007 22:00	3.5	92.9	0.7	55	2.9	93.7	1.4	39
1/7/2007 23:00	3.6	92.8	0.5	62	2.9	93.3	1.2	44
1/8/2007 0:00	3.7	93.2	0.1	10	3.0	94.3	0.5	17
1/8/2007 1:00	3.2	95.4	0.5	250	3.1	95.5	0.9	237
1/8/2007 2:00	3.0	96.3	0.9	238	2.9	96.4	1.4	228
1/8/2007 3:00	2.7	95.1	2.2	231	2.6	95.3	3.0	222

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
1/8/2007 4:00	2.7	92.2	2.6	238	2.5	92.1	4.4	226
1/8/2007 5:00	2.6	92.0	3.1	231	2.4	92.3	4.3	220
1/8/2007 6:00	2.6	88.3	3.2	238	2.4	88.4	5.1	226
1/8/2007 7:00	2.4	86.6	3.3	238	2.2	87.9	5.0	226
1/8/2007 8:00	2.1	83.8	3.7	236	1.9	85.9	5.0	223
1/8/2007 9:00	0.8	84.8	4.2	244	0.8	84.1	6.6	233
1/8/2007 10:00	1.2	74.4	4.3	249	1.1	73.0	6.7	234
1/8/2007 11:00	1.4	74.6	3.9	259	1.3	73.5	6.7	239
1/8/2007 12:00	1.3	72.5	3.9	256	1.0	75.7	6.3	236
1/8/2007 13:00	1.2	69.5	4.2	243	1.0	70.7	6.3	228
1/8/2007 14:00	1.4	62.7	4.0	244	1.2	65.1	6.5	227
1/8/2007 15:00					1.8	54.1	6.7	237
1/8/2007 16:00					2.1	50.3	7.3	241
1/8/2007 17:00	1.7	53.1	3.2	245	1.6	55.5	5.3	233
1/8/2007 18:00	1.4	59.8	2.8	227	1.0	61.8	4.4	216
1/8/2007 19:00	1.2	57.9	2.6	223	0.8	62.2	3.8	214
1/8/2007 20:00	1.0	65.5	1.8	208	0.6	69.7	2.6	203
1/8/2007 21:00	1.1	68.0	2.0	207	0.6	72.0	2.6	196
1/8/2007 22:00	1.5	63.8	3.1	216	1.2	64.9	4.4	207
1/8/2007 23:00	1.9	63.3	3.2	228	1.6	65.7	4.6	218
1/9/2007 0:00	1.6	64.6	2.6	219	1.3	65.6	3.8	215
1/9/2007 1:00	1.4	66.6	3.0	219	1.2	69.2	4.2	213
1/9/2007 2:00	1.0	73.7	2.6	224	0.7	76.2	3.8	216
1/9/2007 3:00	0.4	83.2	2.1	222	0.1	84.4	3.4	213
1/9/2007 4:00	-0.2	87.4	1.9	227	-0.4	88.2	3.0	219
1/9/2007 5:00	-0.4	88.6	1.6	242	-0.8	90.1	2.6	236
1/9/2007 6:00	-0.8	86.8	1.3	261	-1.2	86.8	2.2	247
1/9/2007 7:00	-0.8	81.8	1.0	284	-1.3	83.5	2.1	261
1/9/2007 8:00	-0.9	80.0	1.1	272	-1.6	81.3	1.8	252
1/9/2007 9:00	-1.1	73.5	1.6	262	-1.4	71.1	2.7	249
1/9/2007 10:00	-0.5	66.4	2.3	274	-0.6	64.8	3.8	261
1/9/2007 11:00	-0.5	55.9	3.0	304	-0.7	56.2	4.8	278
1/9/2007 12:00	-0.8	53.7	3.6	308	-1.0	52.6	4.9	289
1/9/2007 13:00	-0.5	53.8	2.9	295	-0.8	53.1	4.7	272
1/9/2007 14:00	-0.6	54.2	2.7	296	-0.9	53.9	4.8	266
1/9/2007 15:00	-0.5	52.4	2.9	289	-0.7	52.8	4.4	265
1/9/2007 16:00	-0.4	53.6	2.9	286	-0.7	53.4	4.9	267
1/9/2007 17:00	-0.6	53.7	3.3	281	-0.8	53.4	5.6	262
1/9/2007 18:00	-0.9	61.5	2.7	288	-1.2	60.8	5.4	264
1/9/2007 19:00	-1.5	67.8	2.8	289	-1.8	70.5	5.3	261
1/9/2007 20:00	-2.2	52.1	4.0	287	-2.5	53.9	6.1	271
1/9/2007 21:00	-2.6	48.8	3.8	300	-2.9	48.7	6.2	277
1/9/2007 22:00	-3.6	54.4	3.5	288	-3.9	53.8	6.0	269

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
1/9/2007 23:00	-4.1	59.1	2.8	303	-4.4	57.4	4.5	279
1/10/2007 0:00	-4.1	56.8	1.9	300	-4.4	58.2	3.0	276
1/10/2007 1:00	-3.8	57.8	2.4	288	-4.2	58.4	3.6	268
1/10/2007 2:00	-3.4	52.1	2.5	289	-3.7	54.4	3.8	268
1/10/2007 3:00	-3.6	59.9	2.8	289	-3.9	57.9	4.3	267
1/10/2007 4:00	-4.1	59.2	3.0	306	-4.3	60.4	4.1	282
1/10/2007 5:00	-4.3	60.3	2.5	286	-4.5	60.3	3.7	264
1/10/2007 6:00	-4.4	61.7	2.6	300	-4.6	60.9	4.3	277
1/10/2007 7:00	-4.5	62.6	2.1	277	-4.8	62.0	3.6	259
1/10/2007 8:00	-4.5	65.3	2.0	279	-4.8	64.2	4.4	252
1/10/2007 9:00	-5.1	81.1	2.3	299	-5.2	82.4	3.5	273
1/10/2007 10:00	-5.2	62.4	2.3	306	-5.5	61.8	3.5	284
1/10/2007 11:00	-4.6	54.2	2.2	308	-4.8	51.8	3.4	286
1/10/2007 12:00	-3.5	50.5	2.4	283	-3.7	50.3	4.5	267
1/10/2007 13:00	-2.7	51.8	3.0	264	-3.3	52.2	4.2	255
1/10/2007 14:00	-1.7	48.4	2.5	261	-2.2	48.9	3.7	251
1/10/2007 15:00	-0.9	48.1	2.4	238	-0.8	49.7	3.8	229
1/10/2007 16:00	-0.4	49.0	2.4	245	-0.9	50.1	3.4	242
1/10/2007 17:00	-0.5	53.7	1.8	224	-0.9	56.3	2.4	206
1/10/2007 18:00	-1.5	63.4	0.9	174	-2.0	66.9	1.2	160
1/10/2007 19:00	-2.0	67.6	0.9	163	-2.7	72.4	1.1	144
1/10/2007 20:00	-1.9	67.7	0.9	167	-2.7	70.9	1.3	151
1/10/2007 21:00	-1.3	66.2	1.6	171	-1.5	67.3	2.5	162
1/10/2007 22:00	-0.4	64.2	2.8	178	-0.7	66.6	3.6	172
1/10/2007 23:00	-0.9	69.5	2.2	169	-0.9	70.2	2.9	159
1/11/2007 0:00	-0.7	70.3	1.9	168	-0.6	67.3	3.0	161
1/11/2007 1:00	-0.9	70.3	1.9	164	-0.9	69.3	2.7	154
1/11/2007 2:00	-0.5	66.8	2.5	169	-0.4	64.2	3.4	162
1/11/2007 3:00	0.1	65.1	3.1	171	0.1	63.1	4.1	165
1/11/2007 4:00	0.5	63.9	3.7	173	0.5	62.5	5.0	165
1/11/2007 5:00	0.4	62.0	4.2	176	0.3	62.2	4.7	168
1/11/2007 6:00	0.5	60.5	4.0	174	0.5	59.4	4.9	167
1/11/2007 7:00	0.4	62.1	3.7	171	0.6	58.6	5.4	164
1/11/2007 8:00	0.7	60.2	4.3	171	0.8	59.0	5.5	162
1/11/2007 9:00	1.1	56.3	4.5	175	1.2	55.2	5.4	166
1/11/2007 10:00	2.1	52.1	5.0	177	2.0	52.2	6.3	168
1/11/2007 11:00	3.0	49.1	5.4	180	3.1	48.1	6.8	173
1/11/2007 12:00	3.9	49.2	5.2	184	3.8	51.3	6.4	174
1/11/2007 13:00	4.5	48.3	4.6	185	4.2	48.3	5.9	176
1/11/2007 14:00	5.0	48.0	4.2	188	4.7	51.2	5.4	180
1/11/2007 15:00	5.1	51.8	4.0	186	4.8	53.1	5.0	180
1/11/2007 16:00	5.3	55.0	3.6	181	5.0	57.1	4.5	174
1/11/2007 17:00	5.5	58.1	3.2	188	5.0	59.9	3.9	177

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
1/11/2007 18:00	5.6	51.3	3.4	183	5.1	55.0	4.1	176
1/11/2007 19:00	5.5	56.3	3.4	176	5.2	56.3	4.6	165
1/11/2007 20:00	5.6	53.7	4.2	181	5.2	56.3	4.9	175
1/11/2007 21:00	5.4	56.1	3.8	174	5.0	57.1	4.2	168
1/11/2007 22:00	4.9	75.3	3.0	180	4.6	75.6	3.7	173
1/11/2007 23:00	4.2	79.2	3.3	186	3.7	79.4	4.0	183
1/12/2007 0:00	4.9	72.8	4.0	193	4.3	76.0	4.3	187
1/12/2007 1:00	5.4	79.5	4.7	198	4.8	81.7	5.9	189
1/12/2007 2:00	5.2	82.3	3.8	196	4.7	83.9	5.0	190
1/12/2007 3:00	5.2	82.7	2.8	192	4.8	81.5	3.7	188
1/12/2007 4:00	5.4	81.1	2.7	194	4.9	83.1	3.0	187
1/12/2007 5:00	6.0	79.7	2.9	206	5.3	82.2	3.3	194
1/12/2007 6:00	6.2	78.9	2.5	207	5.5	82.8	2.6	195
1/12/2007 7:00	6.3	81.0	1.9	189	5.4	83.2	1.8	174
1/12/2007 8:00	6.0	79.8	1.9	180	5.5	82.3	2.4	174
1/12/2007 9:00	6.3	78.9	2.2	186	5.7	79.8	2.6	179
1/12/2007 10:00	7.2	78.0	2.5	188	6.8	79.7	3.2	182
1/12/2007 11:00	7.8	77.3	3.2	191	7.5	78.5	3.6	185
1/12/2007 12:00	8.4	78.2	3.0	189	8.0	79.7	3.8	185
1/12/2007 13:00	9.7	74.8	2.9	190	9.6	77.1	3.8	183
1/12/2007 14:00	11.3	77.1	2.7	199	10.6	78.1	3.7	187
1/12/2007 15:00	11.0	81.0	2.1	187	10.5	83.5	2.8	186
1/12/2007 16:00	10.2	93.2	1.6	177	9.5	94.0	2.5	174
1/12/2007 17:00	9.8	95.4	1.9	179	9.4	95.7	3.1	177
1/12/2007 18:00	9.5	95.8	2.7	184	9.0	96.3	3.4	177
1/12/2007 19:00	9.5	96.7	2.3	179	9.0	96.7	3.5	176
1/12/2007 20:00	9.4	97.0	2.3	186	9.1	97.0	3.2	188
1/12/2007 21:00	9.6	97.7	1.5	188	9.0	97.8	1.9	185
1/12/2007 22:00	10.4	97.5	1.6	226	9.8	98.1	2.3	208
1/12/2007 23:00	10.5	96.8	1.5	250	10.2	97.5	2.3	231
1/13/2007 0:00	8.5	94.0	2.2	330	7.9	94.7	3.6	309
1/13/2007 1:00	3.8	94.4	2.9	-1	3.2	93.4	4.2	-5
1/13/2007 2:00	2.8	93.4	2.8	-4	2.3	92.7	3.6	-4
1/13/2007 3:00	2.1	93.3	2.9	-1	1.6	94.3	3.6	-5
1/13/2007 4:00	1.8	93.1	2.9	-5	1.3	92.5	3.0	348
1/13/2007 5:00	1.2	92.0	3.0	-5	0.8	90.3	4.0	352
1/13/2007 6:00	0.9	90.3	2.9	-4	0.4	88.5	3.7	-4
1/13/2007 7:00	0.5	88.3	2.9	2	0.0	86.8	4.1	-2
1/13/2007 8:00	0.2	91.4	2.4	2	-0.4	92.1	3.2	0
1/13/2007 9:00	-0.1	91.1	2.3	353	-0.7	91.4	2.5	347
1/13/2007 10:00	-0.2	90.2	2.1	-6	-0.8	90.5	2.4	341
1/13/2007 11:00	0.0	88.4	2.2	-1	-0.7	87.0	2.8	-3
1/13/2007 12:00	0.0	86.7	2.2	1	-0.6	87.2	2.9	-2

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
1/13/2007 13:00	0.4	86.7	2.0	2	-0.5	86.3	3.0	-6
1/13/2007 14:00	0.6	85.6	1.7	2	-0.2	85.3	2.9	1
1/13/2007 15:00	0.8	84.9	2.0	9	0.0	84.3	3.0	1
1/13/2007 16:00	0.9	85.0	1.6	9	0.1	84.8	3.2	7
1/13/2007 17:00	0.7	83.9	1.7	17	0.0	84.1	3.2	13
1/13/2007 18:00	0.4	84.2	1.8	28	-0.2	82.5	3.5	20
1/13/2007 19:00	0.3	83.6	1.7	37	-0.3	83.1	3.0	24
1/13/2007 20:00	0.1	83.2	1.7	10	-0.4	83.2	3.1	13
1/13/2007 21:00	-0.1	83.0	1.4	19	-0.7	82.5	3.2	18
1/13/2007 22:00	-0.1	82.9	1.3	12	-0.7	82.8	3.1	14
1/13/2007 23:00	0.0	83.5	1.4	20	-0.7	82.9	2.7	15
1/14/2007 0:00	0.0	85.7	1.3	11	-0.7	87.9	2.6	10
1/14/2007 1:00	-0.3	88.5	1.6	-6	-0.9	90.6	2.1	351
1/14/2007 2:00	-0.8	90.7	1.8	352	-1.5	92.8	2.4	348
1/14/2007 3:00	-0.7	89.0	1.2	19	-1.5	91.2	2.1	11
1/14/2007 4:00	-0.5	88.2	1.6	3	-1.2	88.5	2.2	1
1/14/2007 5:00	-0.3	87.9	1.5	5	-1.0	88.2	2.3	-2
1/14/2007 6:00	-0.2	87.7	1.4	6	-0.9	88.6	2.1	-1
1/14/2007 7:00	-0.1	89.9	1.3	17	-0.7	90.4	2.1	11
1/14/2007 8:00	0.2	88.2	1.3	38	-0.4	88.5	2.6	30
1/14/2007 9:00	0.4	91.3	1.7	28	-0.2	91.3	2.9	16
1/14/2007 10:00	0.3	91.8	1.5	1	-0.2	91.5	2.5	7
1/14/2007 11:00	0.4	91.7	1.2	4	-0.3	91.7	1.6	351
1/14/2007 12:00	0.8	90.1	1.2	13	-0.1	90.6	1.7	12
1/14/2007 13:00	0.9	89.9	1.2	19	0.0	91.4	1.7	15
1/14/2007 14:00	0.8	90.0	1.3	13	-0.1	91.2	2.2	3
1/14/2007 15:00	0.8	89.6	1.4	11	0.0	90.1	2.1	7
1/14/2007 16:00	0.9	89.2	1.5	12	0.2	89.9	2.4	11
1/14/2007 17:00	0.8	90.4	1.3	25	0.1	90.4	2.3	16
1/14/2007 18:00	0.8	89.5	1.2	29	0.2	88.1	2.1	25
1/14/2007 19:00	0.9	88.6	1.1	19	0.3	86.9	2.0	13
1/14/2007 20:00	0.8	87.9	1.4	12	0.2	86.7	3.1	5
1/14/2007 21:00	0.6	88.5	1.5	15	0.1	87.6	3.1	10
1/14/2007 22:00	0.6	85.7	1.7	21	0.2	84.0	3.2	16
1/14/2007 23:00	0.6	89.6	1.8	32	0.1	90.1	3.4	26
1/15/2007 0:00	0.7	93.4	1.7	43	0.1	94.6	2.5	33
1/15/2007 1:00	0.7	94.4	1.8	62	0.1	95.2	2.2	46
1/15/2007 2:00	0.7	94.9	1.8	57	0.1	95.3	2.0	44
1/15/2007 3:00	0.7	95.1	1.7	70	0.2	95.4	2.0	53
1/15/2007 4:00	0.8	95.3	1.7	78	0.3	95.6	1.8	54
1/15/2007 5:00	1.0	95.4	1.3	56	0.4	96.0	1.5	46
1/15/2007 6:00	1.2	95.6	1.2	23	0.6	96.0	1.7	23
1/15/2007 7:00	1.1	95.4	1.4	2	0.7	94.8	3.2	2

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
1/15/2007 8:00	0.8	94.2	2.2	352	0.5	91.9	3.9	-5
1/15/2007 9:00	0.9	93.0	2.0	-6	0.5	91.2	3.1	-7
1/15/2007 10:00	1.1	91.9	1.5	-2	0.7	90.4	3.0	-3
1/15/2007 11:00	1.3	91.7	1.7	7	0.7	90.9	3.1	0
1/15/2007 12:00	1.0	90.6	1.3	-1	0.4	90.2	2.1	346
1/15/2007 13:00	1.0	92.1	1.0	335	0.3	93.8	1.7	305
1/15/2007 14:00	0.6	94.5	0.7	292	0.2	95.4	1.3	275
1/15/2007 15:00	0.6	94.9	0.8	292	0.2	95.5	1.7	268
1/15/2007 16:00	0.7	94.3	1.0	292	0.3	94.8	1.9	275
1/15/2007 17:00	0.6	94.0	0.9	296	0.4	95.0	1.6	275
1/15/2007 18:00	0.5	92.5	1.2	302	0.2	92.9	2.2	285
1/15/2007 19:00	0.4	86.6	1.2	310	0.1	89.0	2.1	289
1/15/2007 20:00	0.3	82.8	1.3	313	-0.1	84.8	2.0	295
1/15/2007 21:00	0.1	86.2	1.5	312	-0.3	86.8	2.5	294
1/15/2007 22:00	-0.1	89.2	1.1	315	-0.5	89.6	1.9	296
1/15/2007 23:00	-0.4	85.3	2.0	341	-0.8	84.1	3.0	331
1/16/2007 0:00	-1.0	83.1	2.2	334	-1.3	83.4	2.9	318
1/16/2007 1:00	-1.5	84.4	2.0	331	-1.8	86.5	2.6	313
1/16/2007 2:00	-1.8	82.2	1.8	334	-2.2	82.5	2.2	308
1/16/2007 3:00	-1.8	84.4	1.5	328	-2.3	84.7	2.1	300
1/16/2007 4:00	-2.4	85.4	1.8	310	-2.7	86.6	2.7	291
1/16/2007 5:00	-3.0	86.8	2.1	317	-3.4	88.3	2.9	294
1/16/2007 6:00	-4.0	85.8	2.0	320	-4.4	87.4	2.8	300
1/16/2007 7:00	-4.4	87.1	1.8	312	-4.7	87.5	2.6	294
1/16/2007 8:00	-5.2	86.6	2.2	309	-5.5	87.1	3.3	288
1/16/2007 9:00	-5.9	81.4	2.4	312	-6.2	81.8	3.4	291
1/16/2007 10:00	-5.8	79.0	2.3	311	-6.1	80.9	3.4	291
1/16/2007 11:00	-5.7	76.5	2.6	319	-6.0	78.2	3.9	296
1/16/2007 12:00	-5.9	74.2	2.7	318	-6.1	74.9	4.0	297
1/16/2007 13:00	-5.7	73.0	3.0	318	-5.9	74.5	4.1	292
1/16/2007 14:00	-5.1	54.0	2.9	322	-5.9	58.1	4.3	296
1/16/2007 15:00	-4.3	49.7	3.2	329	-5.5	55.2	4.2	311
1/16/2007 16:00	-3.8	50.6	2.7	334	-5.6	54.3	3.6	314
1/16/2007 17:00	-4.6	56.3	2.1	327	-5.8	56.0	2.8	304
1/16/2007 18:00	-5.8	63.0	2.1	312	-6.3	62.6	2.6	296
1/16/2007 19:00	-6.4	69.5	1.2	300	-6.9	69.7	2.0	288
1/16/2007 20:00	-7.1	70.7	0.9	272	-7.6	70.6	1.6	256
1/16/2007 21:00	-7.2	73.2	1.2	262	-7.8	75.9	1.9	238
1/16/2007 22:00	-7.4	76.9	0.7	237	-8.0	80.7	1.4	214
1/16/2007 23:00	-7.6	79.6	1.0	227	-8.0	80.3	1.7	223
1/17/2007 0:00	-7.5	77.2	1.1	269	-8.0	78.7	1.8	247
1/17/2007 1:00	-7.7	73.1	1.0	303	-8.2	74.9	1.5	281
1/17/2007 2:00	-8.4	78.1	0.4	288	-8.9	76.6	1.2	283

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
1/17/2007 3:00	-9.0	79.8	0.4	290	-9.5	82.6	1.1	274
1/17/2007 4:00	-9.6	85.8	0.2	232	-10.2	87.6	0.7	227
1/17/2007 5:00	-9.6	82.7	0.5	247	-10.0	83.8	1.0	237
1/17/2007 6:00	-9.6	84.0	0.3	222	-10.0	85.8	0.5	195
1/17/2007 7:00	-9.7	86.7	0.2	172	-10.1	87.1	0.5	152
1/17/2007 8:00	-9.8	87.0	0.4	168	-10.1	88.8	0.5	154
1/17/2007 9:00	-9.0	81.2	0.5	167	-9.3	79.8	0.9	138
1/17/2007 10:00	-6.5	70.7	1.4	185	-6.1	70.0	2.0	178
1/17/2007 11:00	-3.8	63.7	2.5	218	-2.9	61.2	3.6	209
1/17/2007 12:00	-2.8	58.4	3.0	210	-1.6	52.9	4.0	202
1/17/2007 13:00	-1.9	56.0	3.0	196	-1.0	53.5	3.9	190
1/17/2007 14:00	-1.2	54.5	3.5	201	-1.0	60.6	4.4	191
1/17/2007 15:00	-1.3	60.4	3.5	211	-0.8	57.4	4.4	205
1/17/2007 16:00	-1.5	60.5	3.0	217	-1.2	62.9	4.4	200
1/17/2007 17:00	-1.7	61.6	2.7	208	-1.9	62.8	3.5	195
1/17/2007 18:00	-2.4	66.3	1.9	193	-2.8	69.0	2.5	186
1/17/2007 19:00	-2.8	67.1	1.4	195	-3.3	69.3	2.4	192
1/17/2007 20:00	-3.1	70.8	1.5	181	-3.8	73.4	1.8	171
1/17/2007 21:00	-3.7	79.4	0.8	171	-3.7	72.2	1.9	173
1/17/2007 22:00	-3.6	70.2	1.6	172	-3.3	69.2	2.5	167
1/17/2007 23:00	-3.1	67.0	1.9	174	-3.2	67.3	2.7	171
1/18/2007 0:00	-2.7	67.1	2.7	176	-2.9	66.7	3.4	169
1/18/2007 1:00	-2.9	68.2	2.8	175	-3.0	66.9	3.3	168
1/18/2007 2:00	-3.6	69.2	2.1	170	-3.5	67.3	2.9	164
1/18/2007 3:00	-3.8	69.4	2.0	179	-3.8	71.6	2.6	175
1/18/2007 4:00	-3.1	64.8	2.7	182	-3.4	67.5	3.1	176
1/18/2007 5:00	-2.7	68.7	2.6	181	-2.9	68.4	3.5	176
1/18/2007 6:00	-2.5	69.3	2.1	175	-2.6	67.5	2.9	167
1/18/2007 7:00	-2.2	68.1	2.5	182	-2.3	67.9	3.3	175
1/18/2007 8:00	-2.0	69.8	2.5	189	-2.2	70.9	2.9	182
1/18/2007 9:00	-1.7	66.9	2.2	188	-1.9	71.2	2.8	180
1/18/2007 10:00	-1.0	67.7	2.6	188	-1.1	68.6	3.3	178
1/18/2007 11:00	-0.5	68.9	3.0	183	-0.6	68.2	4.0	176
1/18/2007 12:00	0.2	65.0	3.9	189	0.4	62.9	5.3	184
1/18/2007 13:00	0.9	62.4	3.7	190	1.0	67.8	5.0	184
1/18/2007 14:00	1.1	67.9	3.0	189	0.8	68.9	4.4	179
1/18/2007 15:00	1.4	68.3	3.0	185	1.3	70.1	4.3	178
1/18/2007 16:00	1.7	68.6	2.9	191	1.5	72.5	3.8	181
1/18/2007 17:00	1.7	78.7	2.9	181	1.4	79.9	4.4	175
1/18/2007 18:00	1.5	78.9	3.1	192	1.2	79.5	4.2	188
1/18/2007 19:00	1.6	76.4	3.2	201	1.3	78.7	4.3	194
1/18/2007 20:00	1.6	76.8	3.0	205	1.3	77.3	4.1	195
1/18/2007 21:00	1.2	89.7	3.0	209	0.9	90.5	4.3	201

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
1/18/2007 22:00	0.6	83.2	2.8	225	0.4	86.9	4.1	213
1/18/2007 23:00	0.2	81.6	3.6	258	0.1	76.2	5.6	235
1/19/2007 0:00	-0.2	72.0	3.2	245	-0.4	72.3	5.3	233
1/19/2007 1:00	-0.5	79.4	2.9	237	-0.7	80.0	4.9	224
1/19/2007 2:00	-0.7	83.4	3.0	230	-0.9	83.3	4.7	218
1/19/2007 3:00	-1.0	83.6	3.1	233	-1.1	83.9	4.7	221
1/19/2007 4:00	-0.7	84.1	2.9	248	-0.9	83.6	4.6	234
1/19/2007 5:00	-0.5	82.0	2.5	245	-0.7	83.2	4.0	232
1/19/2007 6:00	-0.7	83.9	2.6	239	-0.9	83.8	4.0	226
1/19/2007 7:00	-0.5	80.9	2.7	262	-0.8	81.0	4.8	242
1/19/2007 8:00	-0.8	72.5	3.5	289	-1.0	73.6	5.8	269
1/19/2007 9:00	-1.4	73.8	2.8	284	-1.6	73.6	4.7	260
1/19/2007 10:00	-1.6	70.6	2.6	274	-1.8	70.1	5.4	255
1/19/2007 11:00	-1.2	75.6	3.3	269	-1.2	73.7	5.3	251
1/19/2007 12:00	-1.0	66.4	3.3	267	-0.9	65.8	5.1	247
1/19/2007 13:00	-0.5	63.1	3.4	263	-0.6	60.2	6.0	244
1/19/2007 14:00	0.0	71.7	3.9	257	-0.2	69.6	6.2	244
1/19/2007 15:00	-0.1	64.2	4.6	249	-0.2	62.0	6.9	236
1/19/2007 16:00	-1.1	63.5	3.7	277	-1.3	63.6	6.2	260
1/19/2007 17:00	-2.0	87.8	3.1	267	-2.2	88.8	5.2	249
1/19/2007 18:00	-3.0	87.8	2.8	255	-3.2	82.1	4.6	240
1/19/2007 19:00	-3.7	91.2	2.7	280	-3.8	86.5	5.3	263
1/19/2007 20:00	-3.7	94.1	1.9	272	-4.0	94.5	4.1	259
1/19/2007 21:00	-4.2	87.3	2.5	298	-4.6	90.2	4.4	274
1/19/2007 22:00	-4.9	69.1	3.5	314	-5.3	70.5	4.8	290
1/19/2007 23:00	-5.6	65.1	2.8	306	-6.0	65.8	3.8	283
1/20/2007 0:00	-6.2	69.7	2.4	300	-6.6	69.8	3.7	280
1/20/2007 1:00	-6.9	71.8	1.9	280	-7.3	73.6	3.5	256
1/20/2007 2:00	-7.5	73.1	1.5	274	-8.0	74.1	2.7	256
1/20/2007 3:00	-7.3	69.3	1.7	276	-8.1	70.3	2.4	254
1/20/2007 4:00	-7.2	70.7	1.6	269	-7.6	70.4	2.7	257
1/20/2007 5:00	-6.7	69.9	2.0	288	-7.2	69.9	3.0	265
1/20/2007 6:00	-6.7	72.9	2.0	295	-7.2	73.5	2.7	272
1/20/2007 7:00	-7.4	72.9	1.8	302	-7.8	72.0	2.7	280
1/20/2007 8:00	-7.9	78.7	1.3	282	-8.6	80.0	2.2	259
1/20/2007 9:00	-8.3	74.5	1.5	277	-8.6	76.0	2.6	258
1/20/2007 10:00	-7.3	70.9	2.2	296	-7.5	70.0	3.7	273
1/20/2007 11:00	-6.2	66.1	2.3	328	-6.5	65.4	3.3	304
1/20/2007 12:00	-4.9	61.4	2.2	319	-5.4	61.0	3.2	292
1/20/2007 13:00	-4.3	59.7	2.0	310	-4.9	59.7	3.0	285
1/20/2007 14:00	-4.0	58.8	1.8	298	-4.6	57.9	2.8	283
1/20/2007 15:00	-3.1	54.8	1.3	297	-3.9	56.5	2.2	278
1/20/2007 16:00	-3.3	59.0	1.4	325	-4.2	59.0	2.0	293

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
1/20/2007 17:00	-3.9	59.0	0.6	264	-4.2	58.9	1.6	250
1/20/2007 18:00	-4.6	65.9	0.7	237	-5.1	69.3	1.2	216
1/20/2007 19:00	-5.2	67.5	0.7	242	-6.6	74.9	0.6	208
1/20/2007 20:00	-5.6	74.9	0.2	234	-7.2	75.7	0.5	67
1/20/2007 21:00	-7.5	80.6	0.6	105	-7.5	79.5	1.0	70
1/20/2007 22:00	-8.2	83.5	0.2	164	-8.9	82.9	0.5	105
1/20/2007 23:00	-8.6	84.5	0.2	184	-9.8	86.3	0.2	146
1/21/2007 0:00	-8.8	85.1	0.3	117	-9.5	82.2	0.4	77
1/21/2007 1:00	-8.0	79.2	0.8	80	-8.3	76.9	1.2	50
1/21/2007 2:00	-7.6	75.8	1.0	91	-8.1	74.3	1.4	65
1/21/2007 3:00	-7.1	73.8	1.2	85	-7.7	74.8	2.0	61
1/21/2007 4:00	-7.1	75.2	1.3	91	-7.6	75.4	2.2	67
1/21/2007 5:00	-6.2	75.1	1.3	88	-6.8	76.7	2.6	70
1/21/2007 6:00	-5.6	77.5	1.2	83	-6.2	77.3	2.2	61
1/21/2007 7:00	-4.8	78.1	1.2	85	-5.4	79.3	2.1	73
1/21/2007 8:00	-4.2	79.3	0.6	68	-4.8	72.6	1.4	65
1/21/2007 9:00	-3.4	72.4	1.3	134	-3.7	70.9	2.0	116
1/21/2007 10:00	-3.0	71.3	2.2	129	-3.6	71.6	3.3	110
1/21/2007 11:00	-2.3	67.1	2.2	131	-3.1	68.6	3.3	110
1/21/2007 12:00	-1.7	67.8	2.6	129	-2.5	69.4	3.3	109
1/21/2007 13:00	-1.5	73.2	2.2	126	-2.4	76.4	2.9	114
1/21/2007 14:00	-1.3	83.4	1.5	128	-2.4	85.7	2.0	116
1/21/2007 15:00	-1.8	81.7	2.1	119	-2.8	84.9	3.1	94
1/21/2007 16:00	-2.1	84.7	1.9	93	-3.1	88.1	3.5	70
1/21/2007 17:00	-2.3	88.2	2.1	84	-3.1	91.5	3.0	61
1/21/2007 18:00	-2.2	90.5	1.5	83	-2.9	92.6	2.6	64
1/21/2007 19:00	-2.2	90.3	1.9	79	-2.9	91.7	3.4	57
1/21/2007 20:00	-2.4	91.6	1.9	73	-3.2	93.8	3.4	53
1/21/2007 21:00	-2.4	91.9	1.4	71	-3.2	94.4	2.6	49
1/21/2007 22:00	-2.2	91.9	1.0	69	-3.1	94.6	2.0	50
1/21/2007 23:00	-1.9	91.1	0.6	29	-2.8	94.4	0.9	25
1/22/2007 0:00	-1.7	91.1	0.8	6	-2.6	94.2	1.4	-2
1/22/2007 1:00	-1.3	90.1	0.7	24	-2.5	92.9	1.8	16
1/22/2007 2:00	-2.0	88.7	1.1	34	-3.4	90.9	2.3	21
1/22/2007 3:00	-3.0	88.2	1.9	-6	-3.8	90.0	2.6	348
1/22/2007 4:00	-3.5	86.7	1.6	-2	-4.4	88.8	2.2	335
1/22/2007 5:00	-3.7	85.4	1.4	-4	-4.7	87.9	2.2	331
1/22/2007 6:00	-3.6	84.4	1.0	-3	-4.7	86.6	1.7	332
1/22/2007 7:00	-3.5	84.6	1.0	350	-4.4	86.3	1.4	330
1/22/2007 8:00	-3.5	84.9	1.1	339	-4.3	84.9	1.7	330
1/22/2007 9:00	-3.6	82.8	1.5	331	-4.1	84.3	1.6	306
1/22/2007 10:00	-3.4	81.3	1.4	329	-3.9	83.4	1.7	308
1/22/2007 11:00	-2.7	78.8	1.3	331	-3.5	81.1	1.8	300

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
1/22/2007 12:00	-2.2	75.9	1.2	307	-2.8	78.5	1.9	285
1/22/2007 13:00	-2.2	76.0	1.3	302	-2.7	78.1	2.3	276
1/22/2007 14:00	-2.2	76.6	1.3	298	-2.7	78.7	2.3	278
1/22/2007 15:00	-2.2	76.6	1.5	303	-2.7	78.8	2.6	282
1/22/2007 16:00	-2.1	74.4	1.4	301	-2.6	75.5	2.2	283
1/22/2007 17:00	-2.4	73.2	1.8	307	-2.7	73.5	2.5	278
1/22/2007 18:00	-2.8	72.3	1.7	298	-3.1	71.1	2.6	268
1/22/2007 19:00	-3.6	75.5	0.9	269	-4.1	77.8	1.6	257
1/22/2007 20:00	-3.7	76.9	1.7	264	-4.1	77.7	2.3	243
1/22/2007 21:00	-3.5	77.1	1.4	251	-3.8	78.0	2.3	241
1/22/2007 22:00	-3.3	78.3	1.0	228	-3.6	79.2	1.7	231
1/22/2007 23:00	-3.2	80.6	1.2	206	-3.5	81.5	1.6	207
1/23/2007 0:00	-3.0	82.8	1.4	205	-3.2	83.7	1.9	206
1/23/2007 1:00	-2.6	82.3	1.7	211	-2.7	82.6	2.6	209
1/23/2007 2:00	-2.2	85.2	2.2	212	-2.4	85.4	2.9	206
1/23/2007 3:00	-2.0	84.9	2.5	217	-2.1	85.4	3.5	211
1/23/2007 4:00	-2.1	84.9	2.6	217	-2.3	85.5	3.6	209
1/23/2007 5:00	-2.2	76.9	3.3	230	-2.3	78.8	4.7	220
1/23/2007 6:00	-2.3	75.9	3.6	231	-2.5	76.5	5.3	220
1/23/2007 7:00	-2.4	77.0	3.7	227	-2.6	78.5	4.9	216
1/23/2007 8:00	-2.4	78.7	3.9	223	-2.6	79.2	5.2	215
1/23/2007 9:00	-2.2	77.9	3.5	214	-2.4	78.8	5.0	205
1/23/2007 10:00	-1.8	74.7	4.1	218	-1.9	75.0	5.7	208
1/23/2007 11:00	-1.3	68.2	4.6	227	-1.3	67.6	6.6	213
1/23/2007 12:00	-0.9	67.4	4.0	245	-0.7	67.1	6.2	228
1/23/2007 13:00	-0.8	66.7	3.9	237	-0.8	67.0	6.1	227
1/23/2007 14:00	-0.5	68.3	3.5	241	-0.6	67.8	5.6	226
1/23/2007 15:00	-0.6	70.1	3.3	244	-0.7	69.6	4.9	232
1/23/2007 16:00	-0.6	73.1	2.9	250	-0.9	73.4	5.0	233
1/23/2007 17:00	-0.8	75.1	2.9	241	-1.1	74.6	4.7	229
1/23/2007 18:00	-1.0	75.4	3.0	228	-1.2	76.0	4.5	218
1/23/2007 19:00	-1.1	76.4	2.7	228	-1.4	77.0	4.5	216
1/23/2007 20:00	-1.1	76.5	2.4	244	-1.4	76.9	3.8	226
1/23/2007 21:00	-1.1	78.1	2.1	251	-1.3	77.2	3.7	233
1/23/2007 22:00	-1.2	78.8	1.7	257	-1.4	78.8	3.1	240
1/23/2007 23:00	-1.2	75.4	1.8	272	-1.4	75.3	2.9	250
1/24/2007 0:00	-1.5	71.3	1.7	315	-1.8	72.7	2.1	294
1/24/2007 1:00	-1.8	69.7	2.0	310	-2.1	67.9	3.0	292
1/24/2007 2:00	-2.1	71.4	1.4	259	-2.3	72.3	2.2	243
1/24/2007 3:00	-2.3	74.2	1.4	224	-2.4	74.2	1.9	217
1/24/2007 4:00	-2.3	74.1	1.0	216	-2.5	75.4	1.3	210
1/24/2007 5:00	-2.3	73.7	0.7	237	-2.5	74.9	0.8	224
1/24/2007 6:00	-2.2	74.0	0.6	251	-2.5	75.1	1.1	228

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
1/24/2007 7:00	-2.2	73.1	0.9	246	-2.5	74.5	1.6	241
1/24/2007 8:00	-2.0	74.8	1.0	253	-2.4	75.9	1.5	244
1/24/2007 9:00	-1.8	72.7	0.8	271	-2.2	73.5	1.5	261
1/24/2007 10:00	-1.2	66.2	1.1	317	-1.6	66.7	1.5	289
1/24/2007 11:00	-0.5	72.3	1.5	5	-1.9	79.9	2.4	-4
1/24/2007 12:00	-0.8	70.8	1.7	64	-2.6	76.9	2.5	43
1/24/2007 13:00	-0.9	73.8	1.5	63	-2.6	81.5	2.1	49
1/24/2007 14:00	-0.6	72.8	1.4	98	-2.1	75.8	2.1	73
1/24/2007 15:00	-0.8	76.0	1.2	117	-1.7	80.4	1.3	101
1/24/2007 16:00	-1.2	83.4	0.8	132	-2.3	87.3	1.3	130
1/24/2007 17:00	-1.2	85.5	0.5	126	-2.0	88.8	0.6	125
1/24/2007 18:00	-2.1	86.7	1.6	48	-3.1	89.8	2.1	38
1/24/2007 19:00	-3.6	89.4	1.9	21	-4.4	90.4	3.1	4
1/24/2007 20:00	-4.4	87.0	1.3	-1	-4.7	84.8	2.1	-7
1/24/2007 21:00	-5.2	87.2	0.4	-6	-5.0	87.0	1.2	344
1/24/2007 22:00	-5.3	89.1	0.2	194	-5.9	89.9	0.5	194
1/24/2007 23:00	-5.1	89.9	0.4	224	-5.8	90.2	0.5	221
1/25/2007 0:00	-4.7	85.6	0.6	236	-5.6	90.5	0.8	183
1/25/2007 1:00	-4.3	76.4	1.0	286	-5.0	78.3	1.2	259
1/25/2007 2:00	-4.4	67.1	1.7	289	-4.7	66.9	2.9	266
1/25/2007 3:00	-4.9	70.7	1.9	290	-5.2	70.5	3.3	266
1/25/2007 4:00	-5.2	70.8	2.2	298	-5.5	70.8	3.3	276
1/25/2007 5:00	-5.9	75.1	2.5	307	-6.2	75.3	4.0	284
1/25/2007 6:00	-6.4	75.7	2.6	311	-6.7	75.8	3.8	291
1/25/2007 7:00	-6.7	77.4	2.1	310	-7.1	78.1	2.9	289
1/25/2007 8:00	-7.1	79.4	1.9	307	-7.5	79.5	3.1	285
1/25/2007 9:00	-7.5	73.5	2.0	301	-7.8	72.9	3.6	282
1/25/2007 10:00	-7.3	69.1	2.8	309	-7.5	69.2	3.9	286
1/25/2007 11:00	-6.6	58.6	3.4	321	-6.8	58.1	4.5	299
1/25/2007 12:00	-6.4	57.9	3.7	318	-6.6	57.8	5.1	299
1/25/2007 13:00	-6.8	50.8	3.8	323	-7.0	50.5	5.4	303
1/25/2007 14:00	-7.3	42.0	4.3	320	-7.7	42.2	5.6	298
1/25/2007 15:00	-7.2	37.2	4.1	323	-7.9	38.4	5.6	299
1/25/2007 16:00	-7.5	42.7	3.5	328	-8.3	44.0	4.8	304
1/25/2007 17:00	-7.8	45.1	3.5	346	-9.4	45.2	4.1	327
1/25/2007 18:00	-9.8	51.5	2.6	342	-10.1	48.1	2.9	319
1/25/2007 19:00	-10.6	51.0	2.2	342	-10.8	51.1	2.3	321
1/25/2007 20:00	-11.2	52.8	1.7	337	-11.5	52.1	2.1	311
1/25/2007 21:00	-11.9	53.1	1.5	341	-12.1	51.5	2.0	311
1/25/2007 22:00	-12.7	59.9	0.7	346	-12.6	50.8	1.8	334
1/25/2007 23:00	-14.0	64.7	0.1	227	-14.3	68.1	0.7	229
1/26/2007 0:00	-14.6	67.9	0.1	254	-15.7	73.4	0.6	218
1/26/2007 1:00	-14.3	71.3	0.1	188	-15.3	70.3	1.0	236

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
1/26/2007 2:00	-12.9	64.0	0.2	183	-13.0	63.8	0.8	225
1/26/2007 3:00	-11.8	56.7	0.6	191	-11.6	54.8	1.2	213
1/26/2007 4:00	-11.1	54.4	0.8	232	-11.0	54.5	1.2	221
1/26/2007 5:00	-10.7	58.5	0.6	184	-10.5	56.6	0.9	203
1/26/2007 6:00	-10.3	58.6	0.8	191	-10.2	57.7	1.3	207
1/26/2007 7:00	-10.0	59.6	1.0	178	-10.0	60.2	1.5	181
1/26/2007 8:00	-9.2	61.4	0.8	155	-9.6	62.0	1.2	155
1/26/2007 9:00	-8.2	71.9	0.9	147	-9.1	74.7	1.4	126
1/26/2007 10:00	-7.3	86.4	0.7	150	-8.0	87.0	1.3	145
1/26/2007 11:00	-6.5	91.1	2.3	190	-6.3	90.9	3.3	188
1/26/2007 12:00	-5.9	88.7	2.8	178	-6.0	88.1	3.8	169
1/26/2007 13:00	-5.4	85.8	3.5	175	-5.6	84.7	5.0	165
1/26/2007 14:00	-4.9	84.1	4.0	170	-5.1	82.3	5.5	158
1/26/2007 15:00	-4.0	80.9	4.2	173	-4.2	79.9	5.6	162
1/26/2007 16:00	-2.7	77.8	3.4	170	-3.0	77.6	5.3	161
1/26/2007 17:00	-1.6	75.6	3.0	163	-2.3	77.8	4.7	148
1/26/2007 18:00	-0.7	76.7	2.7	168	-1.2	78.3	3.6	152
1/26/2007 19:00	0.1	75.6	3.2	170	-0.4	75.2	4.0	159
1/26/2007 20:00	0.9	75.3	4.2	180	0.8	75.6	5.6	173
1/26/2007 21:00	1.0	79.6	3.1	184	0.8	80.1	4.4	178
1/26/2007 22:00	0.4	78.7	1.7	177	0.2	79.7	2.6	174
1/26/2007 23:00	2.3	73.9	3.5	202	1.3	75.3	4.1	192
1/27/2007 0:00	2.9	73.3	4.0	202	2.6	74.7	5.2	195
1/27/2007 1:00	3.5	72.5	4.3	205	3.3	73.6	5.7	197
1/27/2007 2:00	3.7	73.5	3.9	210	3.4	74.6	5.0	201
1/27/2007 3:00	3.6	75.2	3.2	212	3.4	76.0	4.4	205
1/27/2007 4:00	3.6	76.2	2.5	213	3.2	78.1	3.3	203
1/27/2007 5:00	3.7	76.4	2.1	216	3.4	76.1	3.0	212
1/27/2007 6:00	3.9	75.3	1.6	239	3.7	75.2	3.0	225
1/27/2007 7:00	3.8	74.8	2.1	254	3.6	74.8	3.6	237
1/27/2007 8:00	3.6	74.3	2.5	267	3.4	74.7	4.2	247
1/27/2007 9:00	2.9	80.2	1.9	301	2.7	80.0	2.8	260
1/27/2007 10:00	2.0	81.6	1.6	307	1.8	82.0	2.5	281
1/27/2007 11:00	1.2	80.1	1.5	303	0.9	81.1	2.2	283
1/27/2007 12:00	1.1	79.5	1.9	284	0.9	80.0	3.2	260
1/27/2007 13:00	0.4	78.3	2.2	293	0.2	79.2	3.2	269
1/27/2007 14:00	0.3	75.4	2.4	282	0.1	76.2	4.2	258
1/27/2007 15:00	0.8	68.3	2.1	264	0.7	67.8	3.1	248
1/27/2007 16:00	1.4	65.8	1.7	264	1.3	65.1	3.1	245
1/27/2007 17:00	1.1	75.5	1.9	249	0.9	77.1	3.0	233
1/27/2007 18:00	0.6	79.3	1.4	225	0.3	80.2	2.2	213
1/27/2007 19:00	0.5	80.1	1.2	224	0.2	81.6	1.8	215
1/27/2007 20:00	0.3	84.3	1.0	232	-0.2	82.9	1.4	221

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
1/27/2007 21:00	-0.4	88.2	1.6	272	-0.8	91.4	3.2	256
1/27/2007 22:00	-0.2	80.0	1.5	284	-0.7	81.4	2.8	262
1/27/2007 23:00	-0.2	66.2	2.4	299	-0.5	66.9	3.7	278
1/28/2007 0:00	-1.1	64.1	2.9	312	-1.3	64.0	4.0	290
1/28/2007 1:00	-2.6	62.2	2.5	303	-2.9	62.7	3.8	280
1/28/2007 2:00	-3.4	67.2	1.7	305	-3.8	65.9	2.8	283
1/28/2007 3:00	-4.0	69.6	1.6	304	-4.4	70.5	2.4	280
1/28/2007 4:00	-4.5	72.1	1.2	306	-5.0	72.2	2.0	283
1/28/2007 5:00	-5.4	75.6	0.9	286	-5.8	76.2	1.5	263
1/28/2007 6:00	-5.8	77.7	1.2	257	-6.7	80.5	1.8	238
1/28/2007 7:00	-5.9	78.1	1.0	267	-6.3	77.8	1.9	255
1/28/2007 8:00	-5.3	74.0	0.6	301	-5.7	74.6	0.8	280
1/28/2007 9:00	-5.2	73.3	0.9	299	-5.6	73.6	1.6	280
1/28/2007 10:00	-4.7	71.4	1.2	315	-5.1	71.9	1.8	299
1/28/2007 11:00	-3.9	68.9	0.8	280	-3.8	66.4	1.5	249
1/28/2007 12:00	-2.8	65.2	1.1	310	-2.9	67.3	2.0	252
1/28/2007 13:00	-2.6	72.1	1.4	318	-3.3	71.0	2.1	290
1/28/2007 14:00	-2.9	77.5	1.5	316	-3.5	78.9	2.1	294
1/28/2007 15:00	-2.7	76.3	1.7	323	-3.4	75.7	2.1	312
1/28/2007 16:00	-3.1	72.3	1.9	320	-3.7	69.9	2.4	303
1/28/2007 17:00	-3.8	82.9	1.6	322	-4.3	86.5	2.2	301
1/28/2007 18:00	-4.9	89.1	3.0	348	-5.5	88.4	3.9	331
1/28/2007 19:00	-5.4	70.4	3.1	344	-5.8	76.8	3.2	337
1/28/2007 20:00	-6.0	85.5	2.9	336	-6.3	88.1	3.6	324
1/28/2007 21:00	-7.2	74.2	2.9	331	-7.5	74.6	3.5	305
1/28/2007 22:00	-7.9	71.6	2.2	327	-8.2	71.9	3.1	302
1/28/2007 23:00	-8.6	75.3	1.1	309	-9.0	75.1	2.3	289
1/29/2007 0:00	-9.2	78.9	1.4	306	-9.7	79.2	2.0	285
1/29/2007 1:00	-9.8	81.5	1.0	304	-10.2	82.0	1.6	281
1/29/2007 2:00	-10.4	79.1	0.9	297	-10.8	79.0	1.4	276
1/29/2007 3:00	-11.5	81.5	0.5	252	-12.3	84.9	0.9	221
1/29/2007 4:00	-11.9	83.9	0.6	221	-12.6	85.6	0.9	210
1/29/2007 5:00	-10.8	82.8	0.8	180	-11.6	83.9	1.4	151
1/29/2007 6:00	-10.8	78.3	1.4	205	-11.4	81.2	1.7	198
1/29/2007 7:00	-10.8	75.8	1.3	198	-11.3	78.6	1.9	196
1/29/2007 8:00	-10.2	74.0	1.6	200	-10.6	75.9	2.2	200
1/29/2007 9:00	-9.8	78.8	1.6	197	-10.1	78.4	2.4	196
1/29/2007 10:00	-9.1	77.8	2.2	210	-9.1	75.2	2.8	194
1/29/2007 11:00	-7.8	70.6	2.7	219	-7.2	67.4	3.3	188
1/29/2007 12:00	-7.1	66.1	3.3	208	-6.5	63.2	4.1	196
1/29/2007 13:00	-6.6	59.6	3.8	210	-5.9	61.5	4.8	198
1/29/2007 14:00	-6.7	55.3	3.4	211	-6.4	56.2	4.6	199
1/29/2007 15:00	-6.0	52.9	3.3	205	-5.7	53.7	4.4	199

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
1/29/2007 16:00	-6.2	53.1	3.3	201	-5.9	57.4	3.5	195
1/29/2007 17:00	-6.1	59.8	2.6	194	-6.2	61.9	3.0	190
1/29/2007 18:00	-6.4	75.8	3.0	207	-6.5	77.2	3.5	197
1/29/2007 19:00	-6.8	81.7	2.1	202	-7.0	81.2	3.1	198
1/29/2007 20:00	-6.7	79.6	2.4	198	-6.9	79.4	3.3	196
1/29/2007 21:00	-6.4	88.3	2.1	197	-6.5	88.3	2.4	189
1/29/2007 22:00	-5.9	89.6	1.5	186	-6.0	89.8	2.6	181
1/29/2007 23:00	-6.0	87.0	2.1	209	-6.1	87.3	3.1	199
1/30/2007 0:00	-6.0	87.6	1.9	215	-6.2	87.2	2.5	203
1/30/2007 1:00	-6.1	85.4	1.9	228	-6.3	85.4	2.9	216
1/30/2007 2:00	-6.6	86.8	1.5	221	-7.0	86.4	2.3	213
1/30/2007 3:00	-6.6	84.6	1.5	226	-6.9	84.3	2.3	218
1/30/2007 4:00	-6.2	84.2	1.4	226	-6.3	84.0	1.9	215
1/30/2007 5:00	-6.2	88.3	1.3	183	-6.3	87.2	1.6	179
1/30/2007 6:00	-6.2	89.9	0.9	172	-6.4	90.3	1.3	162
1/30/2007 7:00	-6.0	90.2	0.6	159	-6.7	91.0	0.9	136
1/30/2007 8:00	-6.0	90.6	0.6	164	-6.7	90.7	0.5	139
1/30/2007 9:00	-5.8	90.3	0.5	181	-5.9	90.2	0.3	169
1/30/2007 10:00	-4.9	89.0	1.0	228	-4.3	84.9	1.0	213
1/30/2007 11:00	-4.5	88.3	1.4	239	-3.9	84.1	1.6	234
1/30/2007 12:00	-3.8	79.2	1.6	272	-3.7	79.8	3.2	247
1/30/2007 13:00	-3.6	77.6	1.8	312	-3.7	77.8	3.1	269
1/30/2007 14:00	-3.9	71.3	2.5	309	-4.1	69.2	3.5	279
1/30/2007 15:00	-3.9	65.1	2.4	299	-4.2	67.7	4.4	270
1/30/2007 16:00	-4.3	56.9	2.8	297	-4.6	55.0	4.7	270
1/30/2007 17:00	-4.0	52.5	2.3	287	-4.6	51.6	4.5	267
1/30/2007 18:00	-4.3	60.0	2.3	291	-4.7	55.4	4.1	267
1/30/2007 19:00	-5.0	60.4	2.1	287	-5.4	63.5	3.5	269
1/30/2007 20:00	-5.2	67.2	1.5	274	-5.6	66.5	3.4	254
1/30/2007 21:00	-5.6	82.6	1.8	249	-6.1	83.3	3.9	233
1/30/2007 22:00	-6.8	83.5	2.5	236	-7.2	83.6	3.7	225
1/30/2007 23:00	-7.4	81.3	2.5	233	-7.8	81.7	3.5	213
1/31/2007 0:00	-8.6	80.3	2.3	234	-9.1	80.5	3.5	226
1/31/2007 1:00	-9.7	80.7	2.2	242	-10.2	81.1	3.5	229
1/31/2007 2:00	-10.5	82.1	2.2	246	-11.1	82.0	2.9	226
1/31/2007 3:00	-11.4	84.4	1.8	230	-12.0	84.0	2.6	223
1/31/2007 4:00	-12.0	85.9	1.7	223	-12.6	85.2	2.1	215
1/31/2007 5:00	-12.1	86.4	2.0	221	-12.7	86.4	2.2	211
1/31/2007 6:00	-11.3	85.9	2.0	230	-11.6	85.7	2.4	216
1/31/2007 7:00	-11.1	85.0	1.9	226	-11.5	84.5	2.9	213
1/31/2007 8:00	-11.1	83.1	2.5	218	-11.7	83.5	3.4	203
1/31/2007 9:00	-11.0	79.9	2.8	217	-11.4	79.3	4.2	204
1/31/2007 10:00	-10.4	74.9	3.3	213	-10.3	73.1	4.6	201

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
1/31/2007 11:00	-9.2	71.7	3.5	218	-8.9	71.0	4.7	204
1/31/2007 12:00	-8.6	69.1	3.4	218	-8.2	66.5	4.7	202
1/31/2007 13:00	-8.0	67.4	3.9	215	-7.4	64.4	5.1	206
1/31/2007 14:00	-7.0	65.2	3.9	219	-6.9	64.9	5.7	205
1/31/2007 15:00	-7.2	67.0	3.9	206	-7.2	67.0	5.6	198
1/31/2007 16:00	-7.7	66.8	4.0	209	-7.8	67.4	5.3	199
1/31/2007 17:00	-8.4	66.7	4.2	214	-8.5	67.6	5.2	202
1/31/2007 18:00	-9.0	63.4	3.4	206	-9.2	64.1	4.3	203
1/31/2007 19:00	-9.2	61.6	3.1	201	-9.6	62.7	4.3	195
1/31/2007 20:00	-9.3	52.9	3.2	205	-9.5	58.6	4.6	199
1/31/2007 21:00	-9.1	57.3	3.1	198	-9.5	58.6	4.1	192
1/31/2007 22:00	-8.9	58.9	3.0	202	-9.2	61.8	3.9	194
1/31/2007 23:00	-8.3	61.0	2.8	196	-8.5	62.8	3.9	194
2/1/2007 0:00	-7.6	60.8	2.7	204	-7.8	62.5	3.7	198
2/1/2007 1:00	-7.2	67.9	3.1	201	-7.4	69.1	4.1	194
2/1/2007 2:00	-7.0	75.3	3.3	196	-7.1	76.4	4.4	193
2/1/2007 3:00	-6.4	66.0	2.9	201	-6.5	66.8	3.9	199
2/1/2007 4:00	-6.1	63.6	2.9	199	-6.3	65.6	4.0	193
2/1/2007 5:00	-6.8	67.2	2.5	192	-7.3	69.2	3.0	191
2/1/2007 6:00	-6.5	67.0	2.8	193	-6.8	68.4	3.5	193
2/1/2007 7:00	-5.8	65.8	3.3	203	-5.9	67.2	4.4	196
2/1/2007 8:00	-5.8	76.3	3.4	205	-5.9	76.4	4.7	198
2/1/2007 9:00	-6.3	81.9	2.9	200	-6.2	80.8	3.7	193
2/1/2007 10:00	-6.0	85.0	3.3	198	-5.8	82.8	4.2	190
2/1/2007 11:00	-5.3	81.3	3.6	196	-4.8	75.5	4.7	190
2/1/2007 12:00	-4.6	73.9	3.7	208	-4.1	72.0	5.0	197
2/1/2007 13:00	-4.0	69.9	3.9	211	-3.9	71.1	5.1	198
2/1/2007 14:00	-3.3	67.6	4.1	208	-3.4	67.3	5.2	201
2/1/2007 15:00	-3.4	67.5	4.1	212	-3.2	68.0	5.6	198
2/1/2007 16:00	-3.3	67.6	3.9	211	-3.4	68.0	5.0	202
2/1/2007 17:00	-3.4	67.2	3.1	209	-3.6	69.1	4.2	199
2/1/2007 18:00	-3.5	69.1	2.5	210	-3.8	71.1	3.5	200
2/1/2007 19:00	-3.6	73.3	2.2	206	-3.9	75.0	3.0	199
2/1/2007 20:00	-4.0	76.0	2.1	209	-4.5	77.0	2.6	196
2/1/2007 21:00	-4.1	77.8	1.9	211	-4.5	79.0	2.7	199
2/1/2007 22:00	-4.2	78.5	2.0	211	-4.6	79.5	2.3	199
2/1/2007 23:00	-4.8	80.4	1.7	213	-5.6	81.6	1.7	201
2/2/2007 0:00	-4.9	81.2	1.7	219	-5.2	81.0	2.0	210
2/2/2007 1:00	-4.9	81.3	1.6	229	-5.2	81.8	2.4	220
2/2/2007 2:00	-5.1	80.8	1.1	208	-5.5	81.3	1.8	205
2/2/2007 3:00	-6.1	83.7	0.9	202	-7.0	86.2	1.0	196
2/2/2007 4:00	-6.1	81.8	0.9	186	-7.3	84.2	1.1	172
2/2/2007 5:00	-5.4	73.5	1.4	203	-5.9	74.5	1.3	202

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
2/2/2007 6:00	-4.9	76.5	2.0	214	-5.1	76.2	2.6	209
2/2/2007 7:00	-4.9	80.4	1.9	209	-5.0	80.7	2.4	203
2/2/2007 8:00	-4.8	79.3	1.8	203	-5.0	81.5	2.3	191
2/2/2007 9:00	-4.5	79.9	2.6	210	-4.7	79.2	3.1	199
2/2/2007 10:00	-4.5	77.5	3.4	210	-4.4	77.0	4.2	199
2/2/2007 11:00	-4.1	64.0	4.2	220	-3.7	61.9	5.4	210
2/2/2007 12:00	-3.8	41.5	4.4	231	-3.6	45.9	6.8	207
2/2/2007 13:00	-4.4	52.5	4.3	228	-4.2	48.8	6.0	217
2/2/2007 14:00	-4.3	47.6	4.0	242	-4.3	47.1	6.4	228
2/2/2007 15:00	-4.6	55.6	4.3	246	-4.6	56.0	6.3	220
2/2/2007 16:00	-5.1	52.5	4.4	244	-5.5	53.0	7.1	226
2/2/2007 17:00	-6.5	71.8	4.5	249	-6.5	80.1	6.2	234
2/2/2007 18:00	-7.6	61.8	3.8	257	-7.9	55.5	6.4	236
2/2/2007 19:00	-8.5	53.9	3.5	258	-8.9	53.7	6.5	240
2/2/2007 20:00	-9.2	60.2	3.7	252	-9.6	60.9	5.5	235
2/2/2007 21:00	-9.9	61.4	3.3	245	-10.3	61.3	5.6	230
2/2/2007 22:00	-10.5	62.6	3.4	242	-11.0	63.4	4.7	230
2/2/2007 23:00	-11.3	67.1	3.2	233	-11.8	69.4	4.6	219
2/3/2007 0:00	-12.4	62.9	3.4	226	-12.8	64.8	4.8	215
2/3/2007 1:00	-13.2	59.8	3.2	222	-13.6	61.0	4.7	212
2/3/2007 2:00	-13.7	62.5	3.4	220	-14.1	63.6	4.3	206
2/3/2007 3:00	-14.1	64.7	3.0	219	-14.4	64.9	4.0	208
2/3/2007 4:00	-14.2	65.4	3.0	215	-14.4	66.5	4.0	206
2/3/2007 5:00	-14.4	65.0	3.7	213	-14.6	65.8	4.4	200
2/3/2007 6:00	-14.2	64.1	3.4	213	-14.4	64.9	4.3	199
2/3/2007 7:00	-14.0	64.1	3.3	206	-14.3	65.0	4.2	198
2/3/2007 8:00	-13.9	65.9	2.9	198	-14.2	66.0	3.6	193
2/3/2007 9:00	-13.1	64.1	3.9	200	-13.1	64.1	4.6	196
2/3/2007 10:00	-12.0	58.0	4.9	196	-11.5	55.8	5.9	195
2/3/2007 11:00	-10.7	56.0	5.5	192	-10.0	58.7	7.0	188
2/3/2007 12:00	-9.9	69.7	5.9	198	-9.4	67.4	7.5	189
2/3/2007 13:00	-9.7	63.3	5.8	212	-9.2	62.6	8.0	202
2/3/2007 14:00	-9.2	86.7	6.0	220	-8.9	84.5	8.3	215
2/3/2007 15:00	-9.9	78.9	5.3	236	-9.6	74.7	8.9	223
2/3/2007 16:00	-10.0	52.2	6.1	245	-10.2	51.8	9.0	231
2/3/2007 17:00	-10.5	59.3	6.1	247	-10.6	55.5	9.3	232
2/3/2007 18:00	-11.7	53.2	5.4	246	-11.9	52.9	8.0	228
2/3/2007 19:00	-12.4	51.0	5.0	240	-12.7	51.6	7.5	231
2/3/2007 20:00	-13.1	49.8	4.5	243	-13.4	49.0	7.2	232
2/3/2007 21:00	-13.9	52.9	4.2	241	-14.1	51.9	6.7	229
2/3/2007 22:00	-14.5	54.2	4.0	238	-14.8	54.8	6.3	225
2/3/2007 23:00	-14.9	56.2	3.6	240	-15.3	56.5	5.4	225
2/4/2007 0:00	-15.3	54.9	3.1	236	-15.6	54.3	5.1	222

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
2/4/2007 1:00	-15.7	56.0	3.2	230	-16.0	56.6	5.0	218
2/4/2007 2:00	-16.2	58.9	3.1	229	-16.5	59.0	4.7	217
2/4/2007 3:00	-16.6	61.3	3.0	225	-16.9	60.8	4.9	215
2/4/2007 4:00	-17.0	61.7	3.4	227	-17.3	61.8	5.3	217
2/4/2007 5:00	-17.4	62.9	3.4	228	-17.7	63.6	4.7	218
2/4/2007 6:00	-17.7	63.8	3.0	234	-18.0	64.2	4.2	223
2/4/2007 7:00	-18.0	65.0	2.7	240	-18.2	65.6	4.1	225
2/4/2007 8:00	-18.2	65.2	2.4	234	-18.4	65.0	4.1	222
2/4/2007 9:00	-18.3	61.8	2.8	229	-18.4	60.4	4.3	219
2/4/2007 10:00	-17.6	59.5	3.2	236	-17.2	57.1	4.6	219
2/4/2007 11:00	-16.8	59.7	3.3	229	-16.5	57.9	5.1	219
2/4/2007 12:00	-15.8	54.9	3.7	226	-15.3	54.9	5.2	213
2/4/2007 13:00	-14.9	57.2	4.4	229	-14.5	57.0	6.3	208
2/4/2007 14:00	-14.6	54.4	4.6	224	-14.2	56.4	6.6	213
2/4/2007 15:00	-14.5	62.5	4.3	224	-14.4	56.3	6.4	214
2/4/2007 16:00	-14.2	58.8	4.2	230	-14.1	55.0	6.5	220
2/4/2007 17:00	-14.1	46.3	3.9	239	-14.2	45.5	6.2	221
2/4/2007 18:00	-14.6	75.0	3.8	265	-14.7	78.4	6.3	248
2/4/2007 19:00	-15.2	68.0	2.9	266	-15.6	68.4	5.1	247
2/4/2007 20:00	-15.5	63.0	2.5	274	-15.8	62.0	5.0	253
2/4/2007 21:00	-15.7	60.8	2.6	284	-16.0	60.4	4.9	259
2/4/2007 22:00	-16.4	54.9	2.5	288	-16.7	55.5	4.9	266
2/4/2007 23:00	-16.9	52.3	2.5	279	-17.2	51.5	4.1	262
2/5/2007 0:00	-17.4	55.7	1.9	273	-17.7	54.2	4.1	256
2/5/2007 1:00	-17.9	59.5	2.3	269	-18.2	58.9	4.0	256
2/5/2007 2:00	-18.3	62.0	2.0	267	-18.5	60.8	4.2	254
2/5/2007 3:00	-18.6	63.3	2.1	270	-18.8	63.3	3.8	254
2/5/2007 4:00	-18.7	64.5	2.3	261	-19.0	64.8	3.5	239
2/5/2007 5:00	-18.8	65.9	2.3	251	-19.2	66.1	3.4	228
2/5/2007 6:00	-19.5	70.1	1.8	232	-19.8	69.1	3.3	224
2/5/2007 7:00	-19.6	71.0	1.8	242	-19.9	70.0	3.3	232
2/5/2007 8:00	-19.5	71.1	2.3	236	-19.8	70.5	3.5	228
2/5/2007 9:00	-18.8	72.7	2.8	242	-18.8	70.6	4.4	235
2/5/2007 10:00	-17.3	68.0	3.0	243	-17.0	63.6	4.9	230
2/5/2007 11:00	-15.7	62.2	3.7	257	-15.3	60.1	5.8	246
2/5/2007 12:00	-14.0	54.9	3.4	264	-14.0	56.3	5.7	246
2/5/2007 13:00	-12.3	48.4	3.6	272	-12.6	47.8	6.3	249
2/5/2007 14:00	-11.3	45.0	4.0	266	-11.6	46.8	6.6	243
2/5/2007 15:00	-10.7	47.2	4.1	257	-11.1	48.4	6.5	239
2/5/2007 16:00	-10.8	50.0	3.8	250	-11.1	49.7	6.0	229
2/5/2007 17:00	-11.1	55.8	3.5	248	-11.5	55.0	5.3	233
2/5/2007 18:00	-11.8	61.6	2.8	248	-12.2	62.1	4.7	230
2/5/2007 19:00	-12.0	58.4	2.7	244	-12.4	58.5	4.7	231

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
2/5/2007 20:00	-12.6	64.7	2.9	240	-13.1	66.4	4.6	223
2/5/2007 21:00	-13.9	69.5	2.6	232	-14.3	69.6	3.9	219
2/5/2007 22:00	-14.4	72.5	2.2	234	-14.8	72.7	3.8	222
2/5/2007 23:00	-14.8	73.2	2.6	232	-15.0	73.2	3.6	219
2/6/2007 0:00	-15.8	72.0	2.8	234	-16.1	71.2	4.1	225
2/6/2007 1:00	-16.2	68.7	2.5	235	-16.5	68.6	3.9	223
2/6/2007 2:00	-16.7	66.2	2.3	232	-17.1	66.9	3.6	224
2/6/2007 3:00	-17.3	66.5	2.1	222	-17.7	66.7	3.0	214
2/6/2007 4:00	-18.0	64.1	2.3	224	-18.3	64.9	3.1	211
2/6/2007 5:00	-18.2	66.3	1.7	231	-18.5	67.2	2.5	216
2/6/2007 6:00	-18.2	68.8	1.8	234	-18.5	68.9	2.6	223
2/6/2007 7:00	-18.4	71.6	1.9	232	-18.7	71.6	2.3	221
2/6/2007 8:00	-18.3	74.1	2.0	226	-18.5	73.4	2.6	212
2/6/2007 9:00	-17.3	71.4	2.1	230	-17.4	69.1	2.8	215
2/6/2007 10:00	-16.1	68.3	2.4	226	-15.8	63.8	3.5	211
2/6/2007 11:00	-14.4	64.1	2.7	224	-13.7	60.2	3.7	209
2/6/2007 12:00	-12.7	61.7	3.0	215	-11.9	58.8	4.2	201
2/6/2007 13:00	-12.2	61.9	3.3	216	-11.9	60.5	4.6	209
2/6/2007 14:00	-12.0	59.4	3.2	216	-11.6	59.5	4.2	203
2/6/2007 15:00	-11.6	60.3	2.8	208	-11.3	59.1	4.0	198
2/6/2007 16:00	-11.5	59.1	3.2	206	-11.3	59.5	4.3	199
2/6/2007 17:00	-11.6	59.2	3.2	196	-11.5	58.1	4.1	195
2/6/2007 18:00	-12.0	62.1	2.9	210	-12.1	62.5	3.7	200
2/6/2007 19:00	-12.4	71.7	2.0	212	-12.6	73.3	3.2	205
2/6/2007 20:00	-12.6	76.3	2.2	210	-12.7	77.1	3.0	201
2/6/2007 21:00	-12.9	78.5	2.2	223	-13.0	79.0	3.0	215
2/6/2007 22:00	-12.9	79.5	1.6	230	-13.1	79.7	2.7	227
2/6/2007 23:00	-12.7	79.2	1.3	251	-13.0	79.9	2.4	240
2/7/2007 0:00	-12.4	77.2	1.3	256	-12.6	77.2	2.2	233
2/7/2007 1:00	-12.2	76.0	1.6	261	-12.5	76.0	2.4	236
2/7/2007 2:00	-12.1	74.8	2.2	285	-12.3	74.1	3.5	264
2/7/2007 3:00	-12.4	75.6	2.1	301	-12.7	75.6	3.4	281
2/7/2007 4:00	-13.1	76.4	1.6	303	-13.5	76.2	2.6	282
2/7/2007 5:00	-13.6	78.0	1.1	283	-14.1	78.4	1.8	262
2/7/2007 6:00	-14.4	79.9	1.0	258	-14.6	79.3	2.1	249
2/7/2007 7:00	-14.6	79.2	1.5	244	-15.1	80.0	2.5	226
2/7/2007 8:00	-15.6	81.2	1.8	229	-16.3	80.8	2.5	216
2/7/2007 9:00	-15.0	76.8	1.9	240	-15.2	74.3	2.8	230
2/7/2007 10:00	-13.2	70.7	2.6	247	-13.0	67.1	3.5	236
2/7/2007 11:00	-11.3	58.5	3.2	255	-10.9	57.3	4.5	245
2/7/2007 12:00	-9.4	53.1	3.3	270	-9.7	52.5	5.7	252
2/7/2007 13:00	-8.2	47.7	3.2	259	-8.6	47.6	5.7	248
2/7/2007 14:00	-7.2	47.0	3.8	253	-7.2	45.7	6.0	233

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
2/7/2007 15:00	-6.5	46.2	4.1	243	-6.5	46.5	5.5	233
2/7/2007 16:00	-6.0	45.9	3.8	241	-6.1	46.4	5.6	228
2/7/2007 17:00	-5.6	46.2	3.2	243	-6.2	47.2	5.3	227
2/7/2007 18:00	-6.4	48.7	2.8	241	-6.9	49.7	5.0	230
2/7/2007 19:00	-7.2	53.0	2.6	235	-7.7	54.2	4.5	224
2/7/2007 20:00	-8.0	58.9	2.6	232	-8.7	61.5	4.0	219
2/7/2007 21:00	-8.8	60.1	2.7	246	-9.3	60.7	4.5	232
2/7/2007 22:00	-9.3	62.6	2.3	247	-9.7	62.8	3.9	238
2/7/2007 23:00	-10.3	69.7	2.3	234	-10.9	70.6	3.9	224
2/8/2007 0:00	-11.6	69.7	2.3	232	-12.0	70.7	3.8	223
2/8/2007 1:00	-12.0	69.5	2.2	231	-12.5	71.1	3.7	221
2/8/2007 2:00	-13.0	71.2	2.4	225	-13.6	71.8	3.4	214
2/8/2007 3:00	-12.9	71.6	2.8	238	-13.7	72.8	3.9	222
2/8/2007 4:00	-13.7	73.4	2.6	227	-14.4	74.2	3.5	218
2/8/2007 5:00	-13.7	75.1	2.5	236	-14.2	75.2	3.6	230
2/8/2007 6:00	-13.4	75.8	1.9	246	-13.9	76.1	3.4	231
2/8/2007 7:00	-13.4	69.5	1.5	245	-14.0	72.9	2.7	233
2/8/2007 8:00	-11.4	61.8	2.3	283	-12.0	60.4	3.9	263
2/8/2007 9:00	-11.2	60.7	2.2	269	-11.4	60.3	4.4	251
2/8/2007 10:00	-10.4	59.1	2.6	279	-10.5	56.5	4.1	260
2/8/2007 11:00	-9.1	53.2	2.5	282	-9.0	53.0	4.9	253
2/8/2007 12:00	-7.9	50.4	3.3	261	-7.7	47.6	4.9	249
2/8/2007 13:00	-6.8	45.5	3.4	260	-6.4	44.0	4.9	240
2/8/2007 14:00	-5.9	46.0	3.8	242	-5.7	45.9	5.6	224
2/8/2007 15:00	-5.3	53.2	4.0	242	-5.4	54.0	5.8	215
2/8/2007 16:00	-5.8	59.2	4.9	215	-5.9	60.9	6.4	204
2/8/2007 17:00	-6.2	62.1	4.3	218	-6.7	63.9	6.0	207
2/8/2007 18:00	-7.0	67.1	3.3	219	-7.4	67.9	5.0	209
2/8/2007 19:00	-7.3	63.7	3.0	234	-8.1	65.7	4.0	214
2/8/2007 20:00	-8.2	66.7	3.1	230	-8.7	67.8	5.1	220
2/8/2007 21:00	-9.0	68.2	3.0	243	-9.4	68.6	4.8	229
2/8/2007 22:00	-9.1	69.5	2.3	255	-9.7	69.7	3.8	234
2/8/2007 23:00	-9.9	72.6	2.1	238	-10.6	73.0	3.2	220
2/9/2007 0:00	-11.4	71.9	2.0	230	-12.2	72.7	2.6	217
2/9/2007 1:00	-12.2	73.1	2.2	226	-12.9	74.1	2.5	210
2/9/2007 2:00	-12.8	75.9	1.7	232	-13.5	76.4	2.3	222
2/9/2007 3:00	-12.8	77.3	1.8	234	-13.5	77.3	2.7	221
2/9/2007 4:00	-12.9	78.1	1.5	249	-13.7	78.2	2.4	231
2/9/2007 5:00	-12.5	77.1	1.3	265	-13.2	75.2	2.0	247
2/9/2007 6:00	-12.3	76.5	1.1	254	-12.4	74.3	2.3	251
2/9/2007 7:00	-12.6	78.5	1.0	222	-13.8	79.7	1.4	198
2/9/2007 8:00	-13.6	79.3	0.9	212	-14.4	79.7	1.6	224
2/9/2007 9:00	-12.4	74.9	1.2	220	-12.8	72.3	1.6	212

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
2/9/2007 10:00	-10.0	66.8	1.4	274	-10.0	62.7	2.4	241
2/9/2007 11:00	-8.4	61.8	2.1	311	-8.5	60.0	3.1	279
2/9/2007 12:00	-6.6	53.2	1.8	304	-7.2	52.9	2.8	280
2/9/2007 13:00	-4.4	50.5	1.8	313	-5.4	49.1	2.6	265
2/9/2007 14:00	-4.2	50.1	2.4	241	-4.1	47.6	3.3	235
2/9/2007 15:00	-3.6	46.3	2.3	249	-3.8	50.1	3.3	247
2/9/2007 16:00	-3.3	49.9	2.1	251	-3.6	48.4	3.5	230
2/9/2007 17:00	-4.0	52.3	2.3	243	-4.2	52.5	3.4	216
2/9/2007 18:00	-4.7	53.0	2.2	224	-5.0	53.5	3.1	216
2/9/2007 19:00	-5.2	52.3	2.1	231	-5.8	55.5	2.9	220
2/9/2007 20:00	-5.8	60.5	1.6	216	-6.6	62.7	2.3	201
2/9/2007 21:00	-6.5	63.0	1.9	222	-7.3	64.8	2.4	207
2/9/2007 22:00	-6.6	66.4	1.9	229	-7.3	68.5	2.6	209
2/9/2007 23:00	-6.9	71.2	2.3	239	-7.3	71.6	3.4	224
2/10/2007 0:00	-7.3	67.3	3.2	245	-7.6	67.4	4.9	230
2/10/2007 1:00	-8.2	68.9	2.4	254	-8.7	69.5	3.7	232
2/10/2007 2:00	-8.6	71.4	2.3	255	-9.0	71.3	3.2	232
2/10/2007 3:00	-8.6	74.2	2.3	252	-8.8	73.9	3.4	235
2/10/2007 4:00	-8.6	77.6	2.3	254	-8.9	77.6	3.5	239
2/10/2007 5:00	-9.3	78.1	2.0	241	-9.9	78.3	3.1	215
2/10/2007 6:00	-10.4	82.5	2.1	231	-10.5	83.3	3.0	222
2/10/2007 7:00	-11.1	83.2	1.6	222	-11.5	83.1	2.4	209
2/10/2007 8:00	-11.4	82.6	1.5	224	-12.0	82.3	1.7	202
2/10/2007 9:00	-11.0	78.5	1.7	233	-11.3	76.2	1.9	212
2/10/2007 10:00	-8.9	66.1	2.0	269	-8.7	65.7	3.2	242
2/10/2007 11:00	-7.2	55.2	2.8	304	-7.5	54.0	4.4	281
2/10/2007 12:00	-6.1	53.6	2.3	298	-6.5	52.0	4.2	269
2/10/2007 13:00	-5.6	49.0	2.4	304	-6.0	49.1	3.4	282
2/10/2007 14:00	-4.4	43.5	2.3	278	-4.8	45.3	4.4	241
2/10/2007 15:00	-4.1	42.9	2.9	255	-4.6	44.0	4.0	249
2/10/2007 16:00	-3.8	41.8	2.8	253	-4.4	44.2	4.0	251
2/10/2007 17:00	-3.9	46.4	2.5	263	-4.6	49.0	4.0	229
2/10/2007 18:00	-5.3	52.1	2.6	232	-5.7	54.0	3.8	220
2/10/2007 19:00	-6.0	55.9	1.8	226	-6.8	59.5	2.5	213
2/10/2007 20:00	-7.2	74.0	2.1	201	-8.3	75.8	3.0	192
2/10/2007 21:00	-8.2	77.2	2.5	210	-9.0	78.9	3.2	194
2/10/2007 22:00	-8.6	78.7	2.4	212	-9.2	79.7	3.2	207
2/10/2007 23:00	-8.9	78.5	2.5	204	-9.4	79.1	4.0	197
2/11/2007 0:00	-10.1	78.7	2.6	208	-10.6	78.4	3.7	202
2/11/2007 1:00	-10.8	76.0	2.2	221	-11.2	75.8	3.7	214
2/11/2007 2:00	-11.7	74.4	2.4	215	-12.1	73.9	3.4	206
2/11/2007 3:00	-12.6	73.5	2.1	209	-13.0	72.9	3.0	206
2/11/2007 4:00	-13.2	72.3	2.3	206	-13.4	73.1	3.1	199

Appendix A3

Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
2/11/2007 5:00	-13.5	71.8	2.6	210	-13.6	71.7	3.2	202
2/11/2007 6:00	-13.5	72.3	2.9	204	-13.6	73.4	3.8	197
2/11/2007 7:00	-13.4	74.0	2.9	207	-13.5	74.3	4.0	195
2/11/2007 8:00	-13.2	73.7	2.7	210	-13.3	73.7	3.9	202
2/11/2007 9:00	-12.6	72.1	2.7	202	-12.6	72.0	3.9	195
2/11/2007 10:00	-11.5	69.1	3.2	214	-11.3	68.2	4.4	202
2/11/2007 11:00	-10.2	66.2	3.1	225	-10.0	65.0	4.5	214
2/11/2007 12:00	-8.4	62.5	3.5	234	-8.0	60.6	4.5	219
2/11/2007 13:00	-7.2	61.2	3.2	225	-7.0	60.6	5.0	213
2/11/2007 14:00	-6.3	60.4	3.5	231	-6.2	59.6	4.8	217
2/11/2007 15:00	-6.1	58.8	4.1	214	-6.0	59.5	5.5	206
2/11/2007 16:00	-5.4	54.9	3.7	221	-5.4	54.3	5.1	212
2/11/2007 17:00	-4.8	56.7	3.4	228	-4.9	59.0	5.0	215
2/11/2007 18:00	-4.9	59.4	3.3	222	-5.1	60.6	4.5	209
2/11/2007 19:00	-4.9	61.1	2.8	218	-5.1	61.9	4.1	210
2/11/2007 20:00	-4.7	63.3	2.9	212	-5.0	64.1	3.8	203
2/11/2007 21:00	-4.6	60.1	2.7	215	-4.8	61.3	4.0	208
2/11/2007 22:00	-4.4	57.9	2.4	217	-4.5	59.3	3.4	211
2/11/2007 23:00	-4.1	59.1	2.1	221	-4.2	60.0	3.4	214
2/12/2007 0:00	-3.9	60.5	2.5	217	-4.1	62.3	3.5	209
2/12/2007 1:00	-3.7	61.9	2.4	222	-3.9	62.6	3.5	214
2/12/2007 2:00	-3.4	64.7	2.2	232	-3.6	64.4	3.6	219
2/12/2007 3:00	-3.2	62.6	1.8	226	-3.4	63.6	2.8	215
2/12/2007 4:00	-3.1	67.9	1.9	227	-3.3	69.0	2.3	214
2/12/2007 5:00	-3.6	83.1	1.7	232	-3.9	85.5	2.3	223
2/12/2007 6:00	-3.9	87.8	1.0	224	-4.0	88.1	1.2	204
2/12/2007 7:00	-4.0	88.7	1.0	190	-4.2	89.1	1.1	187
2/12/2007 8:00	-4.2	89.2	0.9	173	-4.6	89.6	1.1	164
2/12/2007 9:00	-3.9	89.2	0.7	183	-4.1	89.8	0.9	168
2/12/2007 10:00	-3.4	89.8	0.9	178	-3.4	88.7	1.4	179
2/12/2007 11:00	-2.9	89.1	0.8	194	-2.7	87.1	1.5	191
2/12/2007 12:00	-1.6	82.2	0.5	251	-1.9	82.3	0.7	142
2/12/2007 13:00	-0.1	77.5	1.2	346	-1.6	83.1	1.1	18
2/12/2007 14:00	-1.0	79.8	1.8	52	-2.7	85.6	2.5	29
2/12/2007 15:00	-1.5	78.2	2.0	49	-3.1	83.4	2.9	26
2/12/2007 16:00	-1.7	77.5	2.1	46	-3.1	80.9	3.3	32
2/12/2007 17:00	-2.1	77.0	1.9	47	-3.1	81.7	3.1	24
2/12/2007 18:00	-2.4	77.3	1.6	40	-3.3	78.6	2.8	22
2/12/2007 19:00	-2.8	78.9	2.0	50	-3.6	78.4	3.3	43
2/12/2007 20:00	-3.9	74.1	2.3	41	-4.5	74.2	3.8	31
2/12/2007 21:00	-5.3	71.4	2.5	25	-5.7	73.7	4.4	17
2/12/2007 22:00	-6.3	73.8	2.5	22	-6.6	72.7	4.5	17
2/12/2007 23:00	-6.7	70.3	3.1	35	-7.2	69.4	5.2	25

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
2/13/2007 0:00	-7.1	67.1	2.4	42	-7.8	64.7	5.0	29
2/13/2007 1:00	-8.2	66.2	2.8	35	-8.9	65.1	5.1	29
2/13/2007 2:00	-8.9	66.0	2.8	44	-9.7	65.1	5.1	33
2/13/2007 3:00	-9.4	66.3	3.0	43	-10.1	64.7	5.1	29
2/13/2007 4:00	-9.6	67.5	3.0	47	-10.4	66.9	5.9	33
2/13/2007 5:00	-9.7	66.4	2.9	39	-10.6	65.0	5.4	31
2/13/2007 6:00	-9.8	67.4	2.7	40	-10.6	67.5	4.9	33
2/13/2007 7:00	-10.3	70.7	2.8	38	-11.3	70.1	5.9	29
2/13/2007 8:00	-10.9	70.5	3.2	39	-11.7	70.6	5.7	26
2/13/2007 9:00	-10.9	66.9	3.2	35	-11.7	67.5	5.5	26
2/13/2007 10:00	-10.5	62.1	3.5	39	-11.7	64.8	5.6	31
2/13/2007 11:00	-10.1	62.4	3.7	40	-11.6	64.1	6.5	28
2/13/2007 12:00	-9.7	65.7	3.9	38	-11.1	68.5	6.0	27
2/13/2007 13:00	-8.9	64.4	3.5	37	-10.2	66.7	6.7	27
2/13/2007 14:00	-8.7	63.9	3.8	34	-10.0	66.7	6.5	25
2/13/2007 15:00	-9.1	71.9	4.0	33	-10.1	73.1	6.6	20
2/13/2007 16:00	-9.8	78.5	3.4	22	-10.6	80.3	6.5	13
2/13/2007 17:00	-10.5	84.5	3.8	20	-11.0	85.1	6.7	13
2/13/2007 18:00	-10.9	86.5	3.9	18	-11.2	85.0	6.6	9
2/13/2007 19:00	-10.9	87.2	3.7	15	-11.2	84.6	6.8	7
2/13/2007 20:00	-11.0	87.8	3.8	18	-11.4	84.7	7.0	6
2/13/2007 21:00	-11.0	87.7	3.8	15	-11.3	82.3	7.2	6
2/13/2007 22:00	-10.9	87.3	3.6	9	-11.3	84.2	7.0	3
2/13/2007 23:00	-11.3	87.3	4.2	5	-11.7	83.4	6.9	0
2/14/2007 0:00	-11.5	86.9	4.6	2	-11.8	82.8	7.4	-2
2/14/2007 1:00	-11.5	86.7	4.6	1	-11.9	82.3	7.6	-3
2/14/2007 2:00	-11.7	86.7	4.9	0	-12.0	83.9	7.0	-3
2/14/2007 3:00	-11.8	86.2	4.8	-1	-12.1	82.6	6.6	-2
2/14/2007 4:00	-11.2	87.5	4.4	-1	-11.6	84.5	7.0	-2
2/14/2007 5:00	-10.7	87.8	4.0	-3	-11.1	84.2	6.0	-2
2/14/2007 6:00	-10.4	86.8	3.7	-2	-10.7	81.6	6.1	-3
2/14/2007 7:00	-10.1	85.7	4.0	-7	-10.3	81.0	4.7	352
2/14/2007 8:00	-9.7	85.2	3.6	-5	-9.9	79.4	4.6	-5
2/14/2007 9:00	-9.0	83.3	3.6	352	-9.3	78.2	3.9	339
2/14/2007 10:00	-8.3	77.0	4.2	343	-8.7	71.9	5.2	333
2/14/2007 11:00	-7.6	70.9	5.1	348	-8.1	66.3	6.2	335
2/14/2007 12:00	-7.5	67.4	4.4	335	-7.9	66.9	5.7	323
2/14/2007 13:00	-6.8	57.4	4.5	342	-7.8	59.7	5.8	332
2/14/2007 14:00	-6.1	54.8	4.1	336	-7.2	58.3	5.5	324
2/14/2007 15:00	-6.0	50.7	3.7	330	-7.2	52.6	5.2	308
2/14/2007 16:00	-6.3	53.6	3.7	330	-7.4	54.2	4.8	313
2/14/2007 17:00	-7.2	50.7	3.0	329	-8.1	53.5	4.0	309
2/14/2007 18:00	-8.5	52.4	2.8	312	-9.0	52.7	3.9	293

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
2/14/2007 19:00	-9.9	54.6	1.6	336	-10.2	49.8	2.4	304
2/14/2007 20:00	-10.5	49.9	0.9	303	-11.0	49.0	1.7	283
2/14/2007 21:00	-10.9	54.6	0.7	296	-11.9	59.7	1.0	270
2/14/2007 22:00	-11.4	55.1	1.4	309	-12.4	53.7	1.8	280
2/14/2007 23:00	-11.8	56.5	1.2	314	-12.2	55.3	2.0	288
2/15/2007 0:00	-12.1	56.2	1.7	316	-12.6	55.2	2.1	292
2/15/2007 1:00	-12.5	55.6	2.1	313	-13.0	54.2	2.7	290
2/15/2007 2:00	-12.9	59.0	1.8	315	-13.3	58.0	2.5	292
2/15/2007 3:00	-13.5	62.4	1.5	304	-14.0	61.9	2.3	280
2/15/2007 4:00	-13.9	66.5	1.4	305	-14.4	65.8	2.4	282
2/15/2007 5:00	-14.7	70.5	1.2	273	-15.1	70.5	2.2	254
2/15/2007 6:00	-15.1	73.2	0.6	299	-16.0	74.2	1.0	261
2/15/2007 7:00	-14.8	74.3	0.6	282	-16.6	76.6	0.9	255
2/15/2007 8:00	-14.9	74.3	0.8	266	-15.7	75.1	1.5	242
2/15/2007 9:00	-13.8	70.4	1.8	260	-14.0	69.3	3.0	248
2/15/2007 10:00	-12.0	62.6	2.2	262	-11.8	59.8	3.6	250
2/15/2007 11:00	-9.9	56.7	2.3	279	-9.9	54.3	4.4	249
2/15/2007 12:00	-8.3	49.0	2.5	279	-8.5	50.7	4.5	250
2/15/2007 13:00	-7.6	49.0	2.8	280	-7.7	48.1	5.2	249
2/15/2007 14:00	-7.4	45.5	2.7	287	-7.8	45.7	4.9	263
2/15/2007 15:00	-7.2	46.2	2.9	285	-7.6	44.7	4.9	266
2/15/2007 16:00	-7.2	50.8	3.0	270	-7.4	48.6	4.8	255
2/15/2007 17:00	-6.8	46.9	2.6	273	-7.2	47.5	4.8	248
2/15/2007 18:00	-7.2	49.0	2.5	264	-7.6	48.6	4.6	246
2/15/2007 19:00	-7.4	55.8	1.9	259	-7.8	55.7	3.6	237
2/15/2007 20:00	-7.8	70.0	2.5	251	-8.1	70.1	4.1	236
2/15/2007 21:00	-8.0	63.2	2.4	268	-8.4	62.5	4.2	246
2/15/2007 22:00	-8.4	58.9	2.5	283	-8.7	57.8	5.2	260
2/15/2007 23:00	-9.0	60.2	2.8	296	-9.3	59.7	4.3	271
2/16/2007 0:00	-9.5	69.5	2.3	273	-9.8	69.3	3.8	256
2/16/2007 1:00	-10.1	72.8	1.7	265	-10.4	73.1	3.1	248
2/16/2007 2:00	-10.6	78.3	1.5	239	-11.3	78.8	2.1	229
2/16/2007 3:00	-11.2	82.2	1.6	228	-12.1	83.3	2.2	215
2/16/2007 4:00	-11.7	83.2	2.1	228	-12.3	83.4	2.8	217
2/16/2007 5:00	-12.3	83.2	2.0	221	-13.1	83.2	2.7	207
2/16/2007 6:00	-13.1	82.7	1.8	216	-13.8	82.1	2.6	208
2/16/2007 7:00	-13.9	82.6	1.8	207	-14.5	81.5	2.8	210
2/16/2007 8:00	-14.1	81.9	2.4	214	-14.5	80.1	3.5	214
2/16/2007 9:00	-13.5	78.1	2.7	219	-13.7	76.4	3.8	216
2/16/2007 10:00	-12.1	74.2	2.7	220	-12.1	69.4	3.8	209
2/16/2007 11:00	-10.6	67.3	3.2	225	-10.0	61.5	4.2	211
2/16/2007 12:00	-8.8	63.1	3.6	216	-8.4	61.4	4.9	201
2/16/2007 13:00	-8.1	62.2	4.1	214	-7.7	59.3	5.4	199

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
2/16/2007 14:00	-7.8	60.3	4.0	213	-7.8	57.8	5.5	198
2/16/2007 15:00	-7.6	59.7	4.3	210	-7.8	60.2	5.9	195
2/16/2007 16:00	-7.8	52.1	4.4	208	-8.1	51.6	5.7	200
2/16/2007 17:00	-8.0	50.2	4.2	207	-8.5	51.5	5.5	195
2/16/2007 18:00	-9.7	57.0	3.8	202	-10.2	58.0	4.9	192
2/16/2007 19:00	-10.9	52.6	3.7	206	-11.4	54.8	4.9	197
2/16/2007 20:00	-11.5	60.6	3.5	192	-12.3	62.9	4.3	184
2/16/2007 21:00	-12.1	60.3	3.2	206	-12.7	62.6	4.3	194
2/16/2007 22:00	-12.3	62.9	2.9	204	-12.9	64.5	3.8	193
2/16/2007 23:00	-12.1	66.8	2.6	209	-12.6	67.6	3.7	197
2/17/2007 0:00	-12.5	69.9	2.3	204	-13.2	71.5	2.6	192
2/17/2007 1:00	-12.3	72.7	2.2	206	-13.4	73.1	2.4	196
2/17/2007 2:00	-12.2	75.0	1.9	197	-13.3	76.7	1.9	180
2/17/2007 3:00	-13.1	75.0	0.8	158	-14.5	80.6	1.3	143
2/17/2007 4:00	-13.3	76.3	0.4	151	-14.3	82.4	0.8	128
2/17/2007 5:00	-12.4	78.0	0.6	160	-13.0	81.6	1.0	127
2/17/2007 6:00	-12.1	78.3	0.6	148	-12.6	82.7	1.4	138
2/17/2007 7:00	-12.3	79.8	0.6	167	-12.9	85.1	1.3	144
2/17/2007 8:00	-11.2	80.4	0.8	167	-12.1	83.0	1.4	154
2/17/2007 9:00	-10.3	78.5	0.8	171	-10.1	75.2	1.8	177
2/17/2007 10:00	-8.5	78.7	1.9	206	-8.3	77.6	2.4	197
2/17/2007 11:00	-7.4	79.5	2.6	232	-7.0	77.8	3.1	219
2/17/2007 12:00	-6.2	76.9	1.9	251	-5.8	75.1	2.8	236
2/17/2007 13:00	-5.3	77.1	1.8	237	-4.7	73.0	2.4	228
2/17/2007 14:00	-4.5	76.9	2.0	229	-3.5	74.3	2.2	216
2/17/2007 15:00	-3.7	77.7	1.8	218	-3.2	73.2	2.8	197
2/17/2007 16:00	-3.4	79.8	1.5	235	-3.1	80.0	2.5	220
2/17/2007 17:00	-3.1	77.3	1.3	279	-3.6	78.6	3.0	260
2/17/2007 18:00	-3.2	72.3	1.2	292	-3.6	72.8	2.5	263
2/17/2007 19:00	-3.3	69.5	1.7	304	-3.6	67.8	2.8	285
2/17/2007 20:00	-3.3	71.2	1.5	303	-3.6	69.5	2.6	280
2/17/2007 21:00	-3.6	79.4	1.2	276	-4.0	82.0	2.7	253
2/17/2007 22:00	-3.7	77.6	1.3	275	-4.2	80.1	2.3	252
2/17/2007 23:00	-3.7	68.0	2.1	301	-4.0	66.2	3.5	275
2/18/2007 0:00	-4.8	67.3	2.2	306	-5.0	66.0	3.3	284
2/18/2007 1:00	-5.6	68.1	1.7	300	-5.9	68.2	2.9	279
2/18/2007 2:00	-5.6	71.0	1.3	299	-5.9	70.8	2.2	272
2/18/2007 3:00	-6.1	72.3	1.3	296	-6.5	72.4	2.0	272
2/18/2007 4:00	-5.9	75.7	1.7	298	-6.2	75.8	2.7	278
2/18/2007 5:00	-6.2	80.6	1.0	301	-6.7	82.3	1.9	277
2/18/2007 6:00	-6.6	79.4	1.9	304	-6.9	80.6	2.8	282
2/18/2007 7:00	-7.2	78.8	1.1	305	-7.6	79.7	1.8	285
2/18/2007 8:00	-7.5	82.0	1.2	302	-8.0	83.0	2.0	280

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
2/18/2007 9:00	-7.2	76.5	1.9	304	-7.6	74.8	3.1	282
2/18/2007 10:00	-6.4	70.0	2.6	309	-6.8	69.2	3.9	289
2/18/2007 11:00	-5.8	61.4	3.0	313	-6.0	60.6	4.3	289
2/18/2007 12:00	-5.0	56.2	3.1	316	-5.6	55.1	4.7	293
2/18/2007 13:00	-5.1	56.0	3.6	323	-5.7	53.3	5.0	294
2/18/2007 14:00	-5.3	58.1	2.9	328	-5.8	55.8	4.0	299
2/18/2007 15:00	-5.4	51.7	2.9	314	-5.9	51.1	4.1	294
2/18/2007 16:00	-5.3	44.1	2.9	321	-6.1	47.0	3.9	295
2/18/2007 17:00	-4.5	44.0	2.4	318	-5.8	46.8	3.4	300
2/18/2007 18:00	-5.1	46.5	2.5	318	-6.0	46.5	3.2	299
2/18/2007 19:00	-6.6	54.5	1.1	286	-7.0	54.5	2.3	271
2/18/2007 20:00	-7.8	60.1	0.5	228	-8.5	63.3	0.9	233
2/18/2007 21:00	-9.8	69.0	0.4	247	-10.3	70.4	0.6	265
2/18/2007 22:00	-10.6	71.6	0.3	184	-12.3	74.1	0.4	127
2/18/2007 23:00	-12.1	75.6	0.5	189	-13.3	80.2	0.4	175
2/19/2007 0:00	-11.3	73.9	0.9	221	-14.7	81.5	0.8	168
2/19/2007 1:00	-13.0	76.1	0.7	217	-15.0	82.9	0.4	170
2/19/2007 2:00	-10.2	67.6	0.8	251	-12.7	78.0	0.8	223
2/19/2007 3:00	-9.4	68.1	0.9	227	-10.5	72.4	0.9	203
2/19/2007 4:00	-9.5	70.8	0.9	193	-10.0	73.2	1.1	178
2/19/2007 5:00	-9.6	72.2	0.9	181	-10.1	73.6	1.5	169
2/19/2007 6:00	-10.1	75.2	1.5	172	-10.3	75.7	2.0	166
2/19/2007 7:00	-9.2	77.0	1.2	157	-9.6	77.7	2.1	145
2/19/2007 8:00	-8.5	76.2	1.2	146	-9.3	77.6	2.2	133
2/19/2007 9:00	-8.0	70.9	2.0	154	-8.6	70.3	3.8	139
2/19/2007 10:00	-7.0	65.5	3.3	164	-7.6	64.7	5.1	148
2/19/2007 11:00	-6.7	63.5	4.3	169	-6.9	63.2	5.8	153
2/19/2007 12:00	-5.4	61.6	3.7	165	-5.9	62.5	5.8	153
2/19/2007 13:00	-3.9	66.6	3.8	170	-4.3	65.8	5.7	160
2/19/2007 14:00	-2.4	68.9	4.7	175	-2.5	67.2	5.7	165
2/19/2007 15:00	-1.4	69.5	4.4	175	-1.3	69.1	5.5	168
2/19/2007 16:00	-0.3	71.4	3.5	173	-0.6	72.5	4.9	162
2/19/2007 17:00	0.5	73.8	3.0	172	0.4	73.0	4.3	163
2/19/2007 18:00	2.0	67.6	3.4	175	1.8	69.3	5.1	169
2/19/2007 19:00	3.4	65.2	4.1	187	2.9	66.8	5.4	181
2/19/2007 20:00	4.5	59.6	4.3	195	3.8	63.3	5.5	187
2/19/2007 21:00	5.2	55.9	4.9	203	4.2	61.5	5.6	193
2/19/2007 22:00	5.7	54.5	5.5	211	4.4	60.2	5.7	194
2/19/2007 23:00	5.4	57.0	5.1	214	4.6	57.5	6.1	201
2/20/2007 0:00	5.1	59.3	4.8	214	4.9	60.5	6.6	206
2/20/2007 1:00	4.9	62.4	4.2	214	4.7	62.4	6.2	209
2/20/2007 2:00	4.5	63.7	3.5	213	4.2	64.7	5.0	208
2/20/2007 3:00	4.3	65.4	3.4	212	3.9	65.9	4.3	203

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
2/20/2007 4:00	4.1	66.4	2.8	211	3.8	68.1	3.4	204
2/20/2007 5:00	3.9	68.3	2.1	210	3.6	68.6	3.0	203
2/20/2007 6:00	3.7	69.0	2.2	200	3.3	72.0	2.7	190
2/20/2007 7:00	3.5	70.7	1.9	208	3.1	71.5	2.5	203
2/20/2007 8:00	3.3	72.1	1.4	207	2.9	74.6	2.0	195
2/20/2007 9:00	3.4	71.3	1.5	208	2.7	74.4	1.6	182
2/20/2007 10:00	3.9	68.6	1.9	208	3.7	66.6	2.3	198
2/20/2007 11:00	5.0	65.2	2.1	238	5.6	62.9	3.4	219
2/20/2007 12:00	5.6	64.6	2.3	241	6.0	60.5	3.3	228
2/20/2007 13:00	6.3	63.0	2.2	253	6.7	62.3	3.5	232
2/20/2007 14:00	6.6	59.4	1.7	269	6.5	60.0	3.1	250
2/20/2007 15:00	7.2	59.7	1.7	314	6.9	60.3	2.3	279
2/20/2007 16:00	6.6	58.2	1.6	305	6.3	58.9	2.3	282
2/20/2007 17:00	6.8	55.1	0.9	314	6.4	55.5	1.4	280
2/20/2007 18:00	7.5	62.5	0.5	296	6.3	69.6	1.1	208
2/20/2007 19:00	4.4	74.0	1.1	23	4.1	75.4	1.9	2
2/20/2007 20:00	2.5	79.2	1.5	41	1.9	83.5	2.4	24
2/20/2007 21:00	1.0	81.9	0.9	39	0.4	84.9	1.8	27
2/20/2007 22:00	-0.2	83.6	0.5	51	-0.4	82.5	1.5	31
2/20/2007 23:00	-1.3	85.2	0.2	15	-0.8	83.7	1.1	26
2/21/2007 0:00	-2.3	86.7	0.4	57	-1.4	84.2	1.0	33
2/21/2007 1:00	-2.6	87.6	0.2	26	-2.3	86.8	0.5	1
2/21/2007 2:00	-3.0	88.2	0.0	192	-3.7	89.7	0.1	263
2/21/2007 3:00	-3.4	88.4	0.1	192	-4.4	90.8	0.1	258
2/21/2007 4:00	-4.1	88.4	0.1	186	-5.2	91.7	0.1	102
2/21/2007 5:00	-4.8	88.6	0.0	282	-5.4	92.5	0.2	15
2/21/2007 6:00	-5.1	89.3	0.3	181	-6.2	91.9	0.3	132
2/21/2007 7:00	-5.9	93.4	1.2	170	-6.3	94.7	1.8	171
2/21/2007 8:00	-5.6	94.2	1.1	192	-5.3	94.2	1.6	192
2/21/2007 9:00	-4.8	94.7	1.0	176	-4.6	94.4	1.3	186
2/21/2007 10:00	-3.7	95.3	1.4	168	-4.0	95.4	2.0	149
2/21/2007 11:00	-3.2	95.6	1.8	168	-3.6	95.4	2.8	161
2/21/2007 12:00	-2.7	95.8	1.7	178	-2.5	95.7	2.6	179
2/21/2007 13:00	-1.4	95.7	1.8	186	-1.5	95.8	2.6	169
2/21/2007 14:00	-1.0	95.1	2.0	176	-0.9	95.4	2.8	176
2/21/2007 15:00	-0.7	94.2	1.8	175	-0.9	95.6	2.4	168
2/21/2007 16:00	-0.5	94.0	1.8	166	-0.9	95.6	2.8	163
2/21/2007 17:00	-0.3	94.9	2.0	165	-0.8	96.3	2.9	154
2/21/2007 18:00	-0.3	95.9	2.5	176	-0.6	96.7	3.4	167
2/21/2007 19:00	-0.2	96.6	2.5	182	-0.4	96.9	3.7	176
2/21/2007 20:00	-0.3	97.0	2.3	180	-0.6	97.2	3.6	176
2/21/2007 21:00	-0.5	97.4	2.5	177	-0.8	97.4	3.7	173
2/21/2007 22:00	-0.7	97.6	2.9	185	-0.9	97.5	4.2	176

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
2/21/2007 23:00	-0.7	97.7	2.9	195	-0.8	97.6	3.5	190
2/22/2007 0:00	-0.4	97.8	2.5	201	-0.5	97.7	3.3	189
2/22/2007 1:00	0.1	97.8	2.6	195	-0.1	97.7	3.7	186
2/22/2007 2:00	0.2	97.8	3.0	184	0.0	97.8	4.1	177
2/22/2007 3:00	-0.1	97.7	3.3	185	-0.3	97.8	4.5	178
2/22/2007 4:00	0.1	96.9	3.6	181	0.0	97.5	4.7	174
2/22/2007 5:00	0.4	95.5	2.9	192	0.3	97.0	3.9	187
2/22/2007 6:00	1.4	91.0	2.1	209	0.9	95.5	3.1	203
2/22/2007 7:00	2.0	89.2	2.2	226	1.4	91.2	3.2	215
2/22/2007 8:00	2.3	82.8	2.3	235	2.0	81.8	3.8	227
2/22/2007 9:00	3.8	66.7	3.3	273	3.6	64.9	5.9	253
2/22/2007 10:00	3.7	65.8	4.3	286	3.5	65.8	7.5	264
2/22/2007 11:00	3.1	67.3	4.4	291	2.9	66.8	7.6	268
2/22/2007 12:00	2.8	62.7	4.4	294	2.5	61.9	7.9	271
2/22/2007 13:00	2.9	62.8	4.6	290	2.6	63.2	8.3	268
2/22/2007 14:00	3.0	60.2	4.4	286	2.7	62.0	8.5	265
2/22/2007 15:00	3.0	58.4	5.0	296	2.7	58.3	8.0	270
2/22/2007 16:00	2.4	54.6	6.4	306	2.1	54.9	9.6	283
2/22/2007 17:00	1.9	59.6	5.3	307	1.6	61.1	8.2	283
2/22/2007 18:00	1.4	61.9	4.7	304	1.1	62.5	7.6	282
2/22/2007 19:00	0.7	60.5	4.5	303	0.5	60.8	6.9	282
2/22/2007 20:00	0.1	57.8	4.3	305	-0.1	57.5	6.4	283
2/22/2007 21:00	-0.5	54.1	4.3	311	-0.8	53.6	6.4	287
2/22/2007 22:00	-1.3	55.5	5.0	319	-1.6	54.8	6.5	296
2/22/2007 23:00	-2.3	53.1	4.6	329	-2.5	50.8	6.0	308
2/23/2007 0:00	-3.4	56.5	4.6	335	-3.6	55.3	5.7	313
2/23/2007 1:00	-4.5	51.5	4.0	336	-4.8	50.7	5.2	314
2/23/2007 2:00	-5.5	53.4	3.2	332	-5.7	54.2	4.1	308
2/23/2007 3:00	-6.1	56.3	2.8	330	-6.4	54.2	3.9	307
2/23/2007 4:00	-6.7	57.2	2.7	332	-7.1	58.3	3.1	305
2/23/2007 5:00	-7.3	61.3	2.6	333	-7.6	60.5	3.4	306
2/23/2007 6:00	-7.8	62.8	2.4	333	-8.1	63.2	3.1	304
2/23/2007 7:00	-8.1	64.3	2.1	322	-8.6	65.1	2.8	299
2/23/2007 8:00	-8.4	64.7	1.9	314	-8.8	64.4	2.6	296
2/23/2007 9:00	-7.9	62.9	2.1	320	-8.1	62.1	2.8	299
2/23/2007 10:00	-6.7	61.2	2.6	334	-7.1	61.0	3.3	316
2/23/2007 11:00	-5.5	55.4	2.7	-5	-6.4	57.9	3.5	347
2/23/2007 12:00	-3.5	48.2	2.3	-3	-5.3	52.0	2.6	340
2/23/2007 13:00	-2.0	44.0	2.2	-1	-4.3	49.8	2.4	347
2/23/2007 14:00	-0.8	39.4	1.7	351	-3.7	48.3	2.4	345
2/23/2007 15:00	0.6	41.7	1.7	352	-3.0	45.7	2.1	339
2/23/2007 16:00	1.0	36.4	1.7	347	-2.6	44.1	2.3	348
2/23/2007 17:00	1.6	39.3	1.5	-6	-2.0	45.5	1.8	329

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
2/23/2007 18:00	0.1	52.3	1.5	11	-2.7	52.8	2.3	14
2/23/2007 19:00	-3.2	58.5	1.3	21	-3.9	61.0	2.7	21
2/23/2007 20:00	-4.5	63.4	1.4	37	-5.1	62.6	2.7	25
2/23/2007 21:00	-5.4	64.8	1.5	22	-5.8	63.8	2.9	15
2/23/2007 22:00	-6.2	66.0	1.4	15	-6.5	67.1	2.7	12
2/23/2007 23:00	-6.9	63.9	1.3	9	-7.1	63.3	2.7	1
2/24/2007 0:00	-7.4	65.8	1.0	3	-7.8	64.8	1.3	5
2/24/2007 1:00	-8.4	70.4	0.7	343	-8.4	67.5	1.2	346
2/24/2007 2:00	-8.5	72.9	0.5	332	-8.6	71.7	1.2	331
2/24/2007 3:00	-7.9	73.4	0.6	339	-8.3	73.9	1.2	316
2/24/2007 4:00	-7.9	74.3	0.7	338	-8.4	73.6	1.2	305
2/24/2007 5:00	-7.4	74.9	0.4	336	-7.7	73.3	1.1	345
2/24/2007 6:00	-6.6	74.0	0.4	21	-7.4	74.5	1.1	31
2/24/2007 7:00	-6.2	73.7	0.2	51	-7.1	74.4	0.9	43
2/24/2007 8:00	-6.2	74.8	0.9	69	-7.0	77.7	1.4	62
2/24/2007 9:00	-5.7	73.4	1.5	62	-7.0	76.5	2.8	48
2/24/2007 10:00	-4.6	65.1	1.8	75	-6.0	70.4	3.0	58
2/24/2007 11:00	-3.8	62.3	2.1	67	-5.6	68.1	3.1	59
2/24/2007 12:00	-3.2	62.7	2.6	68	-5.3	68.9	3.7	44
2/24/2007 13:00	-2.7	57.1	2.5	64	-5.2	67.4	3.7	38
2/24/2007 14:00	-2.2	62.4	2.4	58	-4.8	67.3	4.1	40
2/24/2007 15:00	-2.2	64.2	1.7	66	-4.2	66.4	2.7	51
2/24/2007 16:00	-2.5	64.7	2.4	54	-4.0	66.8	3.8	46
2/24/2007 17:00	-2.6	67.6	2.4	64	-3.8	68.9	4.1	41
2/24/2007 18:00	-3.0	71.2	2.4	73	-3.8	71.7	3.7	49
2/24/2007 19:00	-3.7	73.2	2.3	60	-4.5	74.9	4.0	43
2/24/2007 20:00	-4.2	74.5	3.0	55	-5.0	76.9	4.7	38
2/24/2007 21:00	-4.8	75.1	2.9	57	-5.5	77.0	4.8	41
2/24/2007 22:00	-4.9	76.1	2.3	62	-5.6	79.8	3.8	45
2/24/2007 23:00	-4.5	77.3	2.1	75	-5.1	80.5	3.8	55
2/25/2007 0:00	-4.2	77.4	2.9	62	-4.9	80.2	4.9	46
2/25/2007 1:00	-4.0	77.2	2.9	68	-4.6	79.4	4.5	49
2/25/2007 2:00	-3.6	77.5	1.9	72	-4.1	77.8	4.0	58
2/25/2007 3:00	-3.3	77.3	3.0	83	-3.7	77.0	5.4	63
2/25/2007 4:00	-2.7	78.4	3.2	98	-3.2	80.9	5.5	74
2/25/2007 5:00	-2.6	84.2	4.0	93	-3.1	85.9	6.6	70
2/25/2007 6:00	-2.1	84.1	4.1	84	-2.6	81.1	7.1	62
2/25/2007 7:00	-1.7	84.4	3.5	88	-2.2	83.7	6.7	65
2/25/2007 8:00	-1.5	84.2	4.1	89	-2.0	84.1	6.8	65
2/25/2007 9:00	-0.9	86.1	4.1	86	-1.4	86.3	5.8	65
2/25/2007 10:00	-0.4	86.1	3.9	88	-0.7	86.8	6.2	66
2/25/2007 11:00	0.2	88.5	3.5	87	-0.3	89.3	6.4	66
2/25/2007 12:00	0.4	90.3	3.0	85	-0.1	91.2	4.5	66

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
2/25/2007 13:00	0.5	90.7	2.5	87	0.1	91.4	2.5	66
2/25/2007 14:00	0.6	90.6	2.7	87	0.2	91.2	2.4	68
2/25/2007 15:00	0.8	90.5	2.7	89	0.3	90.9	4.9	68
2/25/2007 16:00	1.0	90.6	2.7	87	0.5	91.3	5.8	62
2/25/2007 17:00	1.2	91.2	3.0	84	0.7	91.5	5.7	62
2/25/2007 18:00	1.3	91.5	2.9	84	0.9	90.8	5.9	64
2/25/2007 19:00	1.4	91.6	2.8	87	1.1	91.1	4.7	72
2/25/2007 20:00	1.3	92.4	2.6	90	0.9	93.2	4.6	67
2/25/2007 21:00	1.2	92.7	2.5	93	0.6	93.5	4.6	68
2/25/2007 22:00	1.1	92.9	1.8	92	0.7	93.9	2.9	66
2/25/2007 23:00	1.3	93.4	1.0	134	0.9	94.4	1.4	108
2/26/2007 0:00	1.3	93.7	0.3	156	0.9	94.9	0.5	127
2/26/2007 1:00	1.0	94.7	0.9	211	0.9	95.2	1.4	206
2/26/2007 2:00	1.1	95.1	1.5	202	0.9	95.4	2.1	198
2/26/2007 3:00	1.2	92.1	2.3	206	1.0	94.1	3.0	198
2/26/2007 4:00	1.3	80.6	3.0	207	1.1	80.6	3.9	199
2/26/2007 5:00	1.4	82.1	2.6	197	1.2	83.3	3.4	189
2/26/2007 6:00	1.2	81.0	2.4	201	1.0	81.2	3.6	199
2/26/2007 7:00	1.0	82.1	2.3	202	0.8	82.3	3.4	199
2/26/2007 8:00	1.0	82.9	1.8	189	0.8	83.1	2.1	183
2/26/2007 9:00	1.1	82.7	1.7	180	0.9	82.9	2.2	171
2/26/2007 10:00	1.1	83.4	1.7	182	0.9	84.3	2.3	174
2/26/2007 11:00	1.2	84.6	1.5	178	1.0	85.4	2.0	170
2/26/2007 12:00	1.2	83.5	1.7	191	1.0	86.2	2.0	179
2/26/2007 13:00	1.4	82.5	2.2	203	1.4	82.7	2.8	195
2/26/2007 14:00	1.3	84.6	2.0	188	1.4	84.8	2.4	183
2/26/2007 15:00	1.5	82.5	1.7	192	1.5	83.7	2.4	182
2/26/2007 16:00	1.6	82.5	2.3	194	1.3	84.6	2.5	175
2/26/2007 17:00	1.6	81.5	2.1	196	1.3	85.7	2.4	177
2/26/2007 18:00	1.4	86.1	2.1	192	1.1	88.0	2.3	175
2/26/2007 19:00	1.0	88.6	2.1	196	0.7	90.0	2.7	189
2/26/2007 20:00	0.6	90.9	1.7	208	0.4	91.7	2.2	197
2/26/2007 21:00	0.5	92.0	1.4	213	0.3	92.3	1.9	205
2/26/2007 22:00	0.4	92.2	1.1	210	0.3	92.4	1.8	205
2/26/2007 23:00	0.3	91.6	1.3	219	0.2	91.9	2.0	209
2/27/2007 0:00	0.2	91.1	1.2	205	0.0	91.8	1.7	199
2/27/2007 1:00	0.1	90.4	1.1	221	0.0	91.2	1.6	214
2/27/2007 2:00	0.1	90.6	1.2	230	-0.1	90.8	1.8	221
2/27/2007 3:00	0.0	90.9	1.1	247	-0.2	91.0	1.6	233
2/27/2007 4:00	-0.1	90.7	1.1	233	-0.3	91.0	1.8	222
2/27/2007 5:00	-0.2	90.7	1.0	230	-0.4	91.2	1.4	215
2/27/2007 6:00	-0.3	90.9	1.3	236	-0.4	91.3	1.7	224
2/27/2007 7:00	-0.3	91.0	1.1	240	-0.5	91.4	2.1	236

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
2/27/2007 8:00	-0.3	90.5	1.0	232	-0.5	90.9	1.9	234
2/27/2007 9:00	0.0	88.9	1.0	252	-0.2	88.2	1.9	249
2/27/2007 10:00	0.3	85.3	1.6	253	0.3	84.5	2.1	239
2/27/2007 11:00	0.7	81.4	1.5	249	0.9	80.8	2.1	243
2/27/2007 12:00	1.5	75.3	1.6	262	1.7	72.9	2.7	242
2/27/2007 13:00	2.1	73.4	2.1	245	2.4	70.2	3.1	254
2/27/2007 14:00	2.3	74.5	1.8	244	2.7	73.6	3.0	228
2/27/2007 15:00	2.0	73.8	2.1	236	2.1	73.1	3.1	226
2/27/2007 16:00	2.4	72.2	1.7	235	2.4	71.1	2.2	221
2/27/2007 17:00	2.6	72.0	2.0	233	2.5	71.9	2.8	218
2/27/2007 18:00	2.3	76.5	2.0	246	2.0	77.5	2.9	230
2/27/2007 19:00	2.0	78.5	1.5	248	1.7	79.9	2.5	231
2/27/2007 20:00	1.9	80.1	1.0	240	1.6	81.8	1.6	229
2/27/2007 21:00	1.7	80.6	1.2	230	1.4	81.8	1.8	220
2/27/2007 22:00	1.6	80.9	1.1	224	1.3	81.8	1.7	214
2/27/2007 23:00	1.5	81.8	1.3	237	1.2	82.8	1.9	223
2/28/2007 0:00	1.4	82.8	0.8	260	1.2	83.3	1.2	241
2/28/2007 1:00	1.5	83.6	0.9	267	1.3	83.4	1.6	241
2/28/2007 2:00	1.6	84.1	0.7	269	1.3	84.1	1.3	255
2/28/2007 3:00	1.4	85.1	1.0	250	1.2	85.3	1.7	232
2/28/2007 4:00	1.4	84.8	0.8	276	1.1	84.8	1.6	250
2/28/2007 5:00	1.5	84.9	0.5	279	1.1	85.3	1.1	256
2/28/2007 6:00	1.5	84.5	0.9	293	1.1	85.1	1.2	266
2/28/2007 7:00	1.6	84.5	0.8	305	1.2	85.3	1.3	288
2/28/2007 8:00	1.6	85.4	0.3	266	1.3	85.2	0.8	260
2/28/2007 9:00	2.0	83.0	0.3	285	2.0	81.8	0.5	262
2/28/2007 10:00	2.7	77.8	0.6	313	2.3	77.7	0.9	284
2/28/2007 11:00	3.1	75.1	0.6	288	2.6	80.2	1.0	160
2/28/2007 12:00	3.9	71.7	0.8	31	3.2	75.7	1.2	91
2/28/2007 13:00	4.3	70.9	0.9	60	3.3	71.1	1.2	62
2/28/2007 14:00	4.1	73.6	1.1	102	3.4	77.2	1.9	84
2/28/2007 15:00	4.3	70.2	1.5	107	3.5	72.8	2.0	79
2/28/2007 16:00	4.4	73.8	1.9	86	3.4	78.2	2.4	77
2/28/2007 17:00	3.2	79.3	2.1	77	2.3	84.0	3.2	52
2/28/2007 18:00	2.3	83.0	1.9	63	1.6	86.9	2.8	48
2/28/2007 19:00	1.6	85.8	2.0	73	1.1	87.8	3.2	54
2/28/2007 20:00	1.4	87.6	2.2	73	0.8	90.1	3.1	54
2/28/2007 21:00	1.1	89.2	2.5	81	0.6	91.6	3.6	59
2/28/2007 22:00	0.9	90.2	2.2	78	0.4	91.8	3.5	57
2/28/2007 23:00	1.0	89.9	2.2	77	0.5	90.5	3.3	54
3/1/2007 0:00	0.9	88.8	2.0	74	0.4	87.4	3.6	54
3/1/2007 1:00	0.8	85.9	2.3	58	0.3	83.9	3.8	44
3/1/2007 2:00	0.7	86.0	2.2	54	0.2	85.9	3.7	41

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
3/1/2007 3:00	0.6	85.8	2.4	65	0.1	86.9	4.6	48
3/1/2007 4:00	0.7	86.7	2.6	64	0.1	87.7	5.1	51
3/1/2007 5:00	0.6	87.1	3.3	75	0.1	88.0	5.3	55
3/1/2007 6:00	0.7	86.5	3.6	70	0.2	87.8	5.7	51
3/1/2007 7:00	0.7	86.3	3.8	82	0.2	86.7	6.0	58
3/1/2007 8:00	0.5	87.3	3.5	80	0.2	85.2	6.3	61
3/1/2007 9:00	0.6	87.1	3.9	88	0.2	86.6	7.0	67
3/1/2007 10:00	0.6	87.3	4.2	87	0.2	88.3	7.8	67
3/1/2007 11:00	0.8	90.6	3.6	88	0.3	91.4	6.6	68
3/1/2007 12:00	0.9	92.0	2.7	75	0.5	92.9	4.5	55
3/1/2007 13:00	1.0	93.3	4.3	94	0.6	93.9	7.0	70
3/1/2007 14:00	1.2	93.6	4.9	100	0.8	94.0	7.6	73
3/1/2007 15:00	1.2	93.8	4.5	95	0.8	94.3	7.0	72
3/1/2007 16:00	1.5	94.2	3.8	97	1.1	94.8	6.0	73
3/1/2007 17:00	1.6	94.5	3.4	90	1.3	95.1	5.4	64
3/1/2007 18:00	1.8	94.7	3.3	99	1.6	95.1	5.8	74
3/1/2007 19:00	1.9	94.8	3.4	100	1.7	94.9	6.0	75
3/1/2007 20:00	2.0	94.9	4.0	100	1.7	95.0	6.3	78
3/1/2007 21:00	2.2	94.8	3.2	95	2.0	94.7	5.2	76
3/1/2007 22:00	2.4	95.0	2.8	88	2.1	94.7	4.6	66
3/1/2007 23:00	2.6	95.1	4.5	98	2.3	94.7	7.9	74
3/2/2007 0:00	2.7	94.9	4.0	100	2.4	94.4	6.7	76
3/2/2007 1:00	2.8	95.4	3.2	106	2.6	95.4	5.2	77
3/2/2007 2:00	2.9	95.8	1.9	147	2.6	96.0	3.2	128
3/2/2007 3:00	3.5	93.1	3.8	231	3.4	93.6	6.1	220
3/2/2007 4:00	1.8	82.7	3.8	223	1.5	84.4	5.1	213
3/2/2007 5:00	1.9	76.1	4.2	212	1.8	77.0	5.5	204
3/2/2007 6:00	2.0	71.0	5.2	207	1.8	72.7	6.6	199
3/2/2007 7:00	2.0	68.9	5.1	206	1.8	69.0	6.8	197
3/2/2007 8:00	2.1	65.0	5.4	205	1.9	66.8	7.1	196
3/2/2007 9:00	1.8	78.6	4.4	191	1.6	79.8	6.2	180
3/2/2007 10:00	0.6	84.0	5.5	200	0.9	74.4	7.2	191
3/2/2007 11:00	1.6	66.2	6.2	206	2.0	65.3	8.2	196
3/2/2007 12:00	1.4	74.4	6.4	210	1.5	74.3	8.7	203
3/2/2007 13:00	1.6	66.7	6.6	215	1.8	58.3	9.4	206
3/2/2007 14:00	2.2	62.5	6.1	219	2.5	60.9	8.5	209
3/2/2007 15:00	2.0	60.5	6.3	218	2.2	67.1	8.8	206
3/2/2007 16:00	2.3	57.4	6.4	213	2.2	58.3	8.7	202
3/2/2007 17:00	2.4	61.7	6.6	214	2.2	62.4	8.9	204
3/2/2007 18:00	1.7	62.3	5.8	214	1.6	62.8	8.5	204
3/2/2007 19:00	1.5	64.1	5.6	219	1.2	65.9	8.0	209
3/2/2007 20:00	1.2	64.5	4.7	219	1.0	64.1	6.4	212
3/2/2007 21:00	0.9	72.0	4.5	231	0.8	71.7	7.3	215

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
3/2/2007 22:00	0.5	69.4	4.9	227	0.2	71.5	6.9	215
3/2/2007 23:00	0.1	67.8	4.3	226	-0.2	68.5	5.8	216
3/3/2007 0:00	-0.1	60.0	4.6	224	-0.2	59.1	7.2	215
3/3/2007 1:00	-0.3	65.4	4.7	227	-0.4	67.2	6.5	218
3/3/2007 2:00	-0.8	63.8	4.3	219	-0.9	64.2	6.2	212
3/3/2007 3:00	-1.4	59.1	4.5	224	-1.5	60.2	7.2	215
3/3/2007 4:00	-1.8	61.3	4.2	221	-1.9	62.5	6.1	211
3/3/2007 5:00	-1.7	63.8	4.5	220	-1.8	65.4	6.4	211
3/3/2007 6:00	-1.7	62.0	4.6	220	-1.8	63.3	6.8	213
3/3/2007 7:00	-1.9	65.0	4.0	228	-2.1	64.3	6.2	216
3/3/2007 8:00	-2.1	62.6	4.0	238	-2.2	63.0	6.2	225
3/3/2007 9:00	-2.0	62.3	4.4	243	-2.1	61.8	6.8	227
3/3/2007 10:00	-1.5	59.1	4.4	239	-1.3	57.9	6.8	223
3/3/2007 11:00	-0.8	58.6	4.3	238	-0.6	58.3	6.7	221
3/3/2007 12:00	-0.6	62.2	4.2	239	-0.4	59.8	6.0	226
3/3/2007 13:00	0.0	60.5	4.3	236	0.1	60.3	5.7	226
3/3/2007 14:00	0.2	62.4	4.1	241	0.4	61.3	5.7	221
3/3/2007 15:00	0.3	63.8	3.7	243	0.3	62.9	5.5	225
3/3/2007 16:00	0.5	66.9	4.0	242	0.4	69.7	5.5	226
3/3/2007 17:00	-0.7	76.3	3.6	226	-0.8	76.3	5.6	214
3/3/2007 18:00	-1.5	87.3	2.9	231	-1.7	89.0	4.7	219
3/3/2007 19:00	-1.7	75.3	2.7	262	-1.9	77.5	3.6	238
3/3/2007 20:00	-1.7	67.1	2.9	258	-2.0	66.8	4.8	239
3/3/2007 21:00	-2.2	66.6	3.4	264	-2.5	66.3	5.7	245
3/3/2007 22:00	-2.4	70.0	3.1	269	-2.6	70.6	4.8	248
3/3/2007 23:00	-2.6	75.2	3.0	268	-2.8	75.5	4.9	250
3/4/2007 0:00	-3.0	76.4	2.9	266	-3.2	76.5	4.5	248
3/4/2007 1:00	-2.9	72.7	2.6	268	-3.1	71.6	4.6	252
3/4/2007 2:00	-3.1	73.9	2.7	272	-3.4	73.9	4.5	255
3/4/2007 3:00	-3.2	75.6	2.6	270	-3.5	75.7	4.9	256
3/4/2007 4:00	-3.3	73.7	2.8	268	-3.4	73.2	4.5	255
3/4/2007 5:00	-3.1	72.9	2.4	272	-3.4	72.1	5.2	254
3/4/2007 6:00	-3.1	70.7	2.6	281	-3.3	71.4	4.1	256
3/4/2007 7:00	-3.0	70.5	2.3	274	-3.3	70.2	4.2	256
3/4/2007 8:00	-2.9	69.5	2.3	280	-3.2	70.4	4.1	256
3/4/2007 9:00	-2.6	69.5	2.4	282	-2.9	70.2	4.7	255
3/4/2007 10:00	-2.1	65.4	2.5	285	-2.3	65.2	4.7	255
3/4/2007 11:00	-1.4	57.5	2.6	280	-1.6	58.2	4.8	255
3/4/2007 12:00	-0.9	56.8	3.4	272	-1.0	56.8	5.5	249
3/4/2007 13:00	-0.7	52.9	3.3	258	-0.7	53.1	5.2	246
3/4/2007 14:00	-0.1	52.5	3.5	267	-0.4	52.3	5.4	244
3/4/2007 15:00	0.2	53.1	3.6	266	0.3	52.3	5.4	239
3/4/2007 16:00	0.4	51.7	3.8	247	0.3	52.2	5.6	234

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
3/4/2007 17:00	0.7	50.1	3.7	245	0.3	52.0	5.7	231
3/4/2007 18:00	0.2	53.0	3.8	243	-0.1	52.7	6.2	226
3/4/2007 19:00	-0.8	50.2	4.0	235	-1.0	49.9	6.2	225
3/4/2007 20:00	-1.2	54.9	4.1	234	-1.5	56.6	6.3	221
3/4/2007 21:00	-1.8	58.1	3.9	238	-2.1	59.6	6.2	225
3/4/2007 22:00	-2.2	62.8	3.8	232	-2.5	63.8	6.0	221
3/4/2007 23:00	-2.5	65.6	3.7	221	-2.8	67.3	5.5	214
3/5/2007 0:00	-2.6	66.5	3.3	233	-2.9	67.8	5.0	221
3/5/2007 1:00	-2.3	67.8	3.0	248	-2.7	68.0	4.6	232
3/5/2007 2:00	-1.9	68.5	2.9	267	-2.3	68.9	4.9	244
3/5/2007 3:00	-1.8	69.9	2.7	265	-2.2	70.4	4.5	241
3/5/2007 4:00	-1.8	70.2	2.6	268	-2.2	71.7	4.0	245
3/5/2007 5:00	-1.8	71.8	2.3	261	-2.3	73.2	3.4	237
3/5/2007 6:00	-1.6	71.3	2.3	262	-2.2	72.9	3.5	241
3/5/2007 7:00	-1.1	68.9	2.3	271	-1.4	68.3	4.2	252
3/5/2007 8:00	-0.4	70.8	2.8	296	-0.6	70.7	4.5	274
3/5/2007 9:00	-0.7	67.1	2.9	314	-1.0	67.0	4.6	290
3/5/2007 10:00	-1.3	47.0	4.1	314	-1.5	46.3	5.9	294
3/5/2007 11:00	-1.4	40.2	4.7	310	-1.6	40.9	6.7	288
3/5/2007 12:00	-1.8	45.0	4.3	306	-2.1	44.5	6.5	283
3/5/2007 13:00	-2.3	39.2	4.4	312	-2.8	37.2	6.7	286
3/5/2007 14:00	-2.5	39.2	4.0	307	-3.2	39.4	6.1	286
3/5/2007 15:00	-2.6	41.6	3.8	305	-3.2	40.0	5.7	281
3/5/2007 16:00	-2.8	40.4	4.1	315	-3.5	40.6	5.6	293
3/5/2007 17:00	-3.2	40.1	4.0	315	-3.8	40.9	5.2	294
3/5/2007 18:00	-4.1	41.1	3.8	319	-4.7	39.7	5.6	297
3/5/2007 19:00	-5.8	46.6	4.3	313	-6.1	46.1	5.7	292
3/5/2007 20:00	-6.6	45.3	4.1	319	-7.0	45.8	5.4	298
3/5/2007 21:00	-7.4	49.3	4.0	321	-7.7	49.9	5.1	299
3/5/2007 22:00	-8.2	49.1	4.0	331	-8.5	48.3	5.2	310
3/5/2007 23:00	-9.2	48.6	4.2	338	-9.5	47.0	5.2	318
3/6/2007 0:00	-10.1	51.2	3.7	334	-10.4	50.0	4.6	310
3/6/2007 1:00	-10.6	53.8	3.6	342	-11.0	51.6	4.6	320
3/6/2007 2:00	-11.4	50.2	3.5	337	-11.8	48.5	4.9	314
3/6/2007 3:00	-12.1	52.4	3.3	336	-12.4	53.0	4.3	314
3/6/2007 4:00	-12.5	55.4	2.8	323	-12.9	53.4	3.7	299
3/6/2007 5:00	-12.7	55.2	2.4	326	-13.1	54.5	3.3	306
3/6/2007 6:00	-12.9	53.6	2.4	336	-13.3	53.5	3.0	308
3/6/2007 7:00	-13.0	55.7	2.0	332	-13.4	56.7	2.5	303
3/6/2007 8:00	-12.9	52.4	1.9	334	-13.0	51.9	1.9	307
3/6/2007 9:00	-11.6	50.7	2.0	338	-12.0	49.8	2.5	325
3/6/2007 10:00	-9.8	49.2	1.7	-2	-11.1	47.1	2.3	348
3/6/2007 11:00	-8.3	45.3	1.4	23	-9.6	40.2	1.4	317

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
3/6/2007 12:00	-7.6	41.2	1.2	180	-8.1	40.0	1.5	130
3/6/2007 13:00	-7.1	40.4	1.5	191	-7.3	39.5	1.8	177
3/6/2007 14:00	-6.8	36.4	2.0	205	-6.5	38.1	2.5	191
3/6/2007 15:00	-5.9	35.1	1.6	239	-5.7	39.2	2.1	216
3/6/2007 16:00	-5.8	39.6	2.0	196	-5.9	45.3	2.6	168
3/6/2007 17:00	-6.5	52.7	2.5	177	-6.9	53.7	3.3	155
3/6/2007 18:00	-7.3	55.5	2.3	180	-7.7	57.0	3.1	163
3/6/2007 19:00	-7.5	61.3	1.9	166	-8.0	58.9	3.1	156
3/6/2007 20:00	-7.9	73.1	1.7	168	-8.3	72.7	2.7	162
3/6/2007 21:00	-8.3	80.6	1.5	172	-8.6	82.5	2.2	168
3/6/2007 22:00	-8.1	81.1	0.8	142	-8.9	83.5	1.1	136
3/6/2007 23:00	-8.0	82.2	0.9	132	-8.8	86.3	1.4	115
3/7/2007 0:00	-8.1	83.1	1.0	122	-9.0	88.1	1.4	103
3/7/2007 1:00	-8.3	84.0	1.0	121	-9.2	88.9	1.5	102
3/7/2007 2:00	-8.2	84.2	1.0	88	-9.3	89.0	1.8	64
3/7/2007 3:00	-8.3	84.5	1.0	88	-9.2	89.1	1.5	56
3/7/2007 4:00	-8.3	84.7	0.9	81	-9.3	89.5	1.7	55
3/7/2007 5:00	-8.4	84.5	1.1	95	-9.3	89.0	1.7	66
3/7/2007 6:00	-8.5	84.2	1.1	102	-9.3	88.7	1.8	74
3/7/2007 7:00	-8.5	83.6	0.9	92	-9.3	87.4	1.4	70
3/7/2007 8:00	-8.3	82.3	1.1	79	-9.2	85.6	1.5	45
3/7/2007 9:00	-7.4	77.2	1.4	67	-8.8	82.3	1.9	39
3/7/2007 10:00	-6.5	71.0	1.8	80	-8.1	75.4	2.5	48
3/7/2007 11:00	-5.0	67.1	1.6	91	-7.4	69.8	2.5	49
3/7/2007 12:00	-3.8	58.8	1.6	66	-6.3	69.6	2.0	64
3/7/2007 13:00	-2.5	53.6	1.6	35	-5.9	63.4	1.7	29
3/7/2007 14:00	-1.8	50.8	1.5	24	-5.3	64.0	2.2	41
3/7/2007 15:00	-2.0	50.9	1.3	52	-4.5	59.7	2.1	68
3/7/2007 16:00	-3.3	67.4	1.4	146	-4.6	65.1	2.0	111
3/7/2007 17:00	-4.2	66.6	1.3	143	-5.3	68.7	1.8	129
3/7/2007 18:00	-4.2	64.1	1.3	136	-5.6	69.3	2.0	134
3/7/2007 19:00	-5.7	74.3	2.0	172	-6.4	75.0	2.9	166
3/7/2007 20:00	-7.0	75.7	1.3	177	-7.4	76.7	1.7	175
3/7/2007 21:00	-7.6	77.3	0.9	168	-8.2	80.2	1.3	159
3/7/2007 22:00	-8.2	78.7	0.7	176	-8.7	82.0	1.2	164
3/7/2007 23:00	-8.8	80.2	0.8	171	-9.3	84.6	1.1	158
3/8/2007 0:00	-9.1	81.7	0.7	170	-9.6	85.0	1.3	150
3/8/2007 1:00	-9.2	82.0	1.1	178	-9.6	84.6	1.6	174
3/8/2007 2:00	-9.0	82.3	0.8	196	-9.7	85.6	0.8	180
3/8/2007 3:00	-9.5	84.0	0.7	203	-10.3	87.1	0.4	175
3/8/2007 4:00	-10.1	84.2	0.3	178	-10.6	87.3	0.5	197
3/8/2007 5:00	-10.4	84.8	0.2	158	-10.4	87.4	0.8	176
3/8/2007 6:00	-10.3	85.0	0.3	165	-10.2	87.1	0.6	189

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
3/8/2007 7:00	-10.4	84.9	0.1	42	-10.4	87.6	0.1	285
3/8/2007 8:00	-9.9	85.3	0.1	66	-9.5	86.3	0.3	293
3/8/2007 9:00	-6.6	77.2	0.4	345	-6.2	71.5	0.7	64
3/8/2007 10:00	-4.7	70.8	0.7	153	-4.8	65.9	1.0	137
3/8/2007 11:00	-2.6	61.5	0.8	166	-1.9	53.8	1.0	121
3/8/2007 12:00	-0.9	56.8	1.1	182	-1.1	52.7	1.5	142
3/8/2007 13:00	0.2	54.7	1.6	150	-0.9	53.0	1.9	142
3/8/2007 14:00	0.3	50.4	1.9	174	0.0	44.6	2.1	161
3/8/2007 15:00	2.0	50.0	1.4	145	0.5	51.7	1.7	146
3/8/2007 16:00	2.5	53.7	1.8	139	0.3	54.9	2.1	131
3/8/2007 17:00	2.4	53.8	1.8	136	-0.3	60.9	2.7	124
3/8/2007 18:00	1.2	57.8	1.8	127	-1.0	62.3	2.3	113
3/8/2007 19:00	-1.6	70.1	2.2	123	-2.2	73.1	2.7	104
3/8/2007 20:00	-2.9	75.0	1.9	120	-3.4	74.3	2.7	100
3/8/2007 21:00	-3.8	74.4	1.9	122	-4.3	75.4	2.4	100
3/8/2007 22:00	-4.2	74.8	1.1	132	-4.7	75.3	1.7	107
3/8/2007 23:00	-4.5	75.4	1.0	121	-4.8	75.7	1.3	95
3/9/2007 0:00	-4.5	73.9	1.3	121	-4.8	72.6	2.2	96
3/9/2007 1:00	-4.7	73.6	1.1	121	-5.1	71.3	1.5	95
3/9/2007 2:00	-4.7	73.9	1.1	85	-5.1	72.6	1.8	60
3/9/2007 3:00	-4.8	74.3	1.4	94	-5.1	73.5	1.8	63
3/9/2007 4:00	-4.8	75.3	1.2	81	-5.2	75.6	1.9	58
3/9/2007 5:00	-4.8	75.2	1.4	90	-5.3	75.3	2.2	65
3/9/2007 6:00	-4.9	73.9	2.1	142	-5.1	73.4	2.6	120
3/9/2007 7:00	-4.4	72.1	1.4	106	-4.5	67.0	1.5	79
3/9/2007 8:00	-4.0	70.4	0.9	10	-3.8	63.8	1.7	-5
3/9/2007 9:00	-2.3	64.2	2.3	90	-2.9	64.4	2.9	61
3/9/2007 10:00	-0.4	59.6	2.6	124	-0.8	58.7	3.1	108
3/9/2007 11:00	1.9	53.9	1.5	138	1.5	50.3	2.4	129
3/9/2007 12:00	4.7	44.8	1.5	127	4.3	48.3	1.5	121
3/9/2007 13:00	5.8	48.6	1.8	135	4.6	49.6	2.4	118
3/9/2007 14:00	6.7	50.2	1.7	135	5.1	49.4	2.1	114
3/9/2007 15:00	8.4	46.7	1.6	132	5.6	49.4	2.4	125
3/9/2007 16:00	8.6	46.5	1.6	137	6.1	52.1	2.3	126
3/9/2007 17:00	8.3	50.3	1.6	146	6.7	50.1	2.1	121
3/9/2007 18:00	6.9	52.9	1.1	139	5.8	53.6	1.5	129
3/9/2007 19:00	5.3	61.5	0.6	121	4.8	57.0	0.7	100
3/9/2007 20:00	3.0	67.2	1.0	87	3.6	62.3	1.5	61
3/9/2007 21:00	2.4	71.7	0.9	79	2.0	72.5	1.3	46
3/9/2007 22:00	1.8	73.9	0.9	102	1.5	75.1	1.2	68
3/9/2007 23:00	2.2	76.9	0.6	31	1.9	80.6	1.0	7
3/10/2007 0:00	2.7	82.9	0.5	34	2.2	88.1	1.1	29
3/10/2007 1:00	2.7	87.8	0.5	104	2.2	89.0	0.9	47

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
3/10/2007 2:00	2.7	89.8	0.4	38	2.3	90.3	0.7	339
3/10/2007 3:00	2.8	90.7	0.3	115	2.6	90.9	0.7	104
3/10/2007 4:00	4.2	90.5	1.7	166	4.0	89.4	2.2	157
3/10/2007 5:00	6.3	90.8	2.7	190	5.9	90.8	3.1	190
3/10/2007 6:00	6.7	93.7	1.8	208	5.6	93.6	2.1	197
3/10/2007 7:00	7.7	93.9	2.2	225	7.0	94.4	3.0	214
3/10/2007 8:00	7.4	94.2	1.9	237	7.1	94.7	3.4	224
3/10/2007 9:00	7.2	92.0	2.2	253	7.1	91.7	4.0	235
3/10/2007 10:00	7.1	81.6	2.7	255	7.2	80.3	4.3	232
3/10/2007 11:00	7.7	73.1	3.3	249	7.9	72.1	5.0	234
3/10/2007 12:00	8.4	68.2	3.6	249	8.8	65.8	5.2	240
3/10/2007 13:00	10.0	48.8	3.3	267	9.9	53.8	5.2	245
3/10/2007 14:00	11.4	40.0	2.9	277	11.1	44.8	4.8	255
3/10/2007 15:00	12.3	40.0	3.3	256	12.0	38.0	5.4	237
3/10/2007 16:00	12.4	34.3	3.9	245	12.0	36.0	6.0	232
3/10/2007 17:00	12.5	29.6	3.2	259	12.0	33.0	5.4	235
3/10/2007 18:00	11.7	29.1	3.0	266	11.1	29.3	5.5	246
3/10/2007 19:00	9.3	31.4	2.7	269	8.9	33.3	4.9	251
3/10/2007 20:00	7.7	38.5	2.6	274	7.2	39.4	4.7	253
3/10/2007 21:00	6.5	43.7	2.5	286	5.9	48.1	3.8	261
3/10/2007 22:00	5.5	49.8	2.2	278	4.6	52.4	2.9	251
3/10/2007 23:00	4.5	55.8	1.8	265	3.8	56.7	2.9	250
3/11/2007 0:00	3.8	54.8	1.6	266	3.3	56.6	3.2	252
3/11/2007 1:00	3.6	53.8	2.0	270	3.2	55.4	3.6	254
3/11/2007 2:00								
3/11/2007 3:00	3.7	55.3	2.2	282	2.8	56.7	2.9	255
3/11/2007 4:00	3.1	57.7	1.5	283	2.8	58.1	2.7	265
3/11/2007 5:00	2.5	59.1	1.3	287	2.2	61.3	2.5	264
3/11/2007 6:00	2.5	55.4	2.0	300	2.1	54.5	2.8	276
3/11/2007 7:00	1.9	60.4	1.8	316	1.7	60.8	2.5	291
3/11/2007 8:00	0.2	70.6	0.6	314	0.4	68.0	1.2	278
3/11/2007 9:00	0.0	56.7	0.8	311	0.7	54.9	1.4	295
3/11/2007 10:00	2.5	49.4	1.9	329	2.4	49.1	2.8	319
3/11/2007 11:00	3.7	45.0	2.1	330	3.2	45.1	2.9	326
3/11/2007 12:00	5.4	39.9	1.7	325	4.8	38.9	2.5	323
3/11/2007 13:00	7.4	33.6	1.6	328	6.6	32.3	2.0	309
3/11/2007 14:00	9.9	31.3	1.3	313	9.0	33.7	1.4	273
3/11/2007 15:00	11.4	23.6	1.2	224	10.3	34.8	1.6	143
3/11/2007 16:00	12.3	53.4	1.6	302	10.9	53.1	2.2	175
3/11/2007 17:00	8.3	55.4	3.2	171	7.7	56.0	4.2	166
3/11/2007 18:00	6.5	58.1	2.2	163	5.6	57.5	3.5	153
3/11/2007 19:00	5.9	60.0	2.5	174	5.5	59.4	3.1	159
3/11/2007 20:00	3.3	68.2	2.3	176	3.4	69.9	2.5	163

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
3/11/2007 21:00	1.7	72.1	1.1	169	1.5	74.0	1.5	158
3/11/2007 22:00	0.8	75.3	0.8	159	0.4	78.9	1.5	142
3/11/2007 23:00	0.1	76.9	0.8	169	-0.4	79.9	1.1	151
3/12/2007 0:00	-0.2	77.4	1.0	171	-0.9	78.9	1.1	166
3/12/2007 1:00	-0.3	79.1	0.9	162	-0.4	80.0	1.4	152
3/12/2007 2:00	-0.2	80.8	1.0	162	-0.5	81.2	1.5	148
3/12/2007 3:00	0.0	82.0	0.8	161	-0.1	81.1	1.3	140
3/12/2007 4:00	0.1	80.8	1.1	165	-0.1	81.0	1.7	148
3/12/2007 5:00	0.5	79.9	0.9	167	0.7	75.8	2.0	176
3/12/2007 6:00	0.6	80.1	0.8	164	0.6	78.6	1.4	165
3/12/2007 7:00	0.9	79.7	0.9	172	0.7	79.9	1.4	175
3/12/2007 8:00	0.9	79.8	1.2	168	0.6	79.0	1.8	160
3/12/2007 9:00	1.6	74.2	1.4	177	1.4	74.6	1.7	180
3/12/2007 10:00	2.8	69.0	1.7	184	2.7	71.1	2.4	181
3/12/2007 11:00	3.9	70.7	1.1	165	3.5	67.9	1.8	174
3/12/2007 12:00	4.9	52.4	1.5	191	4.4	58.1	2.0	182
3/12/2007 13:00	6.0	60.1	2.8	210	5.6	65.2	3.6	201
3/12/2007 14:00	4.9	78.6	2.2	186	4.4	78.7	2.8	181
3/12/2007 15:00	6.2	65.8	3.0	178	6.1	64.6	4.0	170
3/12/2007 16:00	6.7	67.9	3.2	179	6.5	68.5	4.2	176
3/12/2007 17:00	6.9	70.8	3.8	187	7.0	71.7	4.5	181
3/12/2007 18:00	7.7	68.4	3.4	174	7.5	69.0	4.5	170
3/12/2007 19:00	7.8	63.4	3.1	179	7.4	67.5	3.5	172
3/12/2007 20:00	7.1	65.9	2.8	185	6.7	68.0	3.0	178
3/12/2007 21:00	6.8	66.7	2.1	183	6.3	69.9	2.0	180
3/12/2007 22:00	6.5	69.9	2.2	174	5.7	72.0	1.7	164
3/12/2007 23:00	5.5	74.5	1.7	166	5.4	72.4	2.8	163
3/13/2007 0:00	4.7	76.1	1.4	163	4.8	74.9	2.5	158
3/13/2007 1:00	4.7	76.2	1.3	164	4.8	75.0	2.5	170
3/13/2007 2:00	4.9	73.5	1.3	171	4.9	74.7	2.2	175
3/13/2007 3:00	5.3	73.0	1.2	173	5.0	73.0	1.4	177
3/13/2007 4:00	5.2	73.5	1.0	161	4.7	74.9	1.0	160
3/13/2007 5:00	4.5	74.8	1.2	167	4.3	72.8	1.3	175
3/13/2007 6:00	4.2	73.7	1.5	172	4.1	75.0	1.4	188
3/13/2007 7:00	4.9	69.5	1.8	179	3.9	75.4	1.3	170
3/13/2007 8:00	5.4	72.6	1.4	179	3.6	76.2	1.4	163
3/13/2007 9:00	6.1	65.4	2.0	186	5.6	67.8	2.5	187
3/13/2007 10:00	9.4	62.2	2.6	206	8.9	65.7	3.1	195
3/13/2007 11:00	11.9	59.8	3.4	208	11.7	61.0	4.5	201
3/13/2007 12:00	14.3	56.6	3.5	217	14.5	57.4	5.0	204
3/13/2007 13:00	17.7	52.3	3.6	221	17.7	56.2	4.9	205
3/13/2007 14:00	19.8	52.0	4.4	212	19.8	53.1	5.6	201
3/13/2007 15:00	20.5	53.1	4.2	204	20.4	54.7	6.2	199

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
3/13/2007 16:00	20.9	53.0	4.6	218	20.9	53.5	6.5	207
3/13/2007 17:00	21.3	52.2	4.8	215	21.2	55.6	6.1	207
3/13/2007 18:00	21.8	50.2	4.4	214	21.7	53.0	6.0	206
3/13/2007 19:00	21.0	53.3	3.7	213	20.5	57.3	4.8	205
3/13/2007 20:00	19.4	59.6	2.5	200	18.1	67.2	2.8	195
3/13/2007 21:00	18.1	63.4	2.4	192	16.2	70.1	2.8	191
3/13/2007 22:00	16.9	69.1	2.6	185	15.1	74.4	2.5	184
3/13/2007 23:00	15.3	71.9	2.2	177	13.6	76.4	2.2	187
3/14/2007 0:00	14.0	76.3	2.1	176	13.4	77.8	3.3	180
3/14/2007 1:00	13.3	76.3	1.9	176	12.8	78.0	2.7	176
3/14/2007 2:00	13.4	74.2	2.0	180	12.7	76.6	2.4	180
3/14/2007 3:00	12.9	78.0	1.1	169	12.0	81.6	1.6	174
3/14/2007 4:00	13.2	79.6	1.6	178	11.9	83.7	1.5	175
3/14/2007 5:00	14.7	82.5	2.5	199	12.9	86.2	2.5	188
3/14/2007 6:00	13.8	85.6	1.9	172	12.3	88.3	2.3	170
3/14/2007 7:00	12.4	87.4	1.4	172	12.0	90.3	2.2	182
3/14/2007 8:00	14.5	87.2	2.0	194	12.6	91.3	2.2	176
3/14/2007 9:00	13.0	90.0	1.3	164	12.3	91.7	1.9	177
3/14/2007 10:00	14.8	87.0	2.3	203	14.1	88.2	2.6	195
3/14/2007 11:00	15.9	84.7	2.6	209	15.4	85.4	3.3	198
3/14/2007 12:00	17.2	78.6	3.0	212	17.1	77.0	4.5	201
3/14/2007 13:00	18.6	73.1	3.3	230	18.8	73.3	4.4	211
3/14/2007 14:00	18.9	72.4	3.1	240	19.2	72.7	4.1	220
3/14/2007 15:00	19.1	70.4	3.0	242	19.3	68.5	4.1	229
3/14/2007 16:00	18.9	69.8	2.5	260	19.0	70.4	4.1	242
3/14/2007 17:00	18.9	68.1	2.2	270	18.8	68.6	3.5	255
3/14/2007 18:00	19.3	73.3	2.0	284	19.1	72.9	3.7	259
3/14/2007 19:00	16.4	81.3	2.5	325	16.3	82.2	3.6	304
3/14/2007 20:00	13.6	89.4	3.0	345	13.4	88.2	4.0	329
3/14/2007 21:00	9.6	90.1	3.2	30	8.3	90.2	5.8	20
3/14/2007 22:00	6.5	80.3	3.0	23	5.9	72.5	5.0	15
3/14/2007 23:00	5.7	71.0	2.4	22	5.1	64.2	4.4	14
3/15/2007 0:00	5.0	78.9	1.7	24	4.1	78.3	4.0	19
3/15/2007 1:00	3.4	87.9	2.2	10	2.4	90.9	3.8	14
3/15/2007 2:00	1.3	91.7	2.8	-4	0.8	94.0	4.0	349
3/15/2007 3:00	1.0	91.5	3.3	2	0.5	91.3	5.6	-2
3/15/2007 4:00	0.7	90.0	4.0	-3	0.3	88.3	5.0	353
3/15/2007 5:00	0.4	91.8	2.9	-1	-0.2	93.9	4.0	-4
3/15/2007 6:00	0.3	92.3	1.4	18	-0.5	95.0	3.0	15
3/15/2007 7:00	0.7	92.1	0.8	-6	-0.1	93.6	1.7	-2
3/15/2007 8:00	0.8	90.6	1.1	350	0.3	91.2	1.4	353
3/15/2007 9:00	0.9	89.2	0.6	20	0.7	78.2	1.7	18
3/15/2007 10:00	1.3	81.4	1.9	38	0.8	72.8	3.5	30

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
3/15/2007 11:00	1.7	66.6	2.4	12	0.9	56.2	3.6	13
3/15/2007 12:00	1.9	57.6	2.9	11	0.9	55.8	4.6	7
3/15/2007 13:00	1.7	64.2	3.5	2	0.5	64.9	5.0	-2
3/15/2007 14:00	2.8	66.7	2.8	11	1.2	68.3	4.3	6
3/15/2007 15:00	4.2	58.2	2.9	21	1.4	64.5	5.1	17
3/15/2007 16:00	4.3	51.6	3.2	17	1.3	61.3	5.4	8
3/15/2007 17:00	4.6	52.4	3.3	18	1.0	60.4	5.0	10
3/15/2007 18:00	2.8	56.9	3.7	5	0.5	56.1	4.6	-2
3/15/2007 19:00	0.9	57.2	3.6	2	-0.6	57.1	5.3	-5
3/15/2007 20:00	-1.0	61.4	3.2	4	-1.8	56.6	5.7	1
3/15/2007 21:00	-2.2	61.9	3.5	4	-2.7	56.4	5.3	0
3/15/2007 22:00	-2.9	66.3	3.3	3	-3.4	64.2	5.2	-1
3/15/2007 23:00	-3.2	69.6	2.6	11	-3.7	68.4	4.6	1
3/16/2007 0:00	-3.0	71.6	2.1	12	-3.4	70.8	3.8	4
3/16/2007 1:00	-2.6	70.0	1.8	17	-2.9	65.2	4.1	16
3/16/2007 2:00	-2.6	67.3	2.3	38	-3.2	66.3	3.7	26
3/16/2007 3:00	-2.9	70.4	2.2	36	-3.5	70.9	3.6	24
3/16/2007 4:00	-2.9	72.0	1.8	44	-3.6	72.9	2.9	29
3/16/2007 5:00	-2.7	73.2	1.2	19	-3.3	72.9	2.3	11
3/16/2007 6:00	-2.4	73.3	1.6	29	-2.9	72.3	2.8	18
3/16/2007 7:00	-2.2	72.6	1.5	20	-2.8	71.5	3.0	11
3/16/2007 8:00	-2.3	72.9	1.6	19	-2.8	70.0	3.3	12
3/16/2007 9:00	-1.9	64.8	2.1	8	-2.3	59.4	3.9	12
3/16/2007 10:00	-1.2	56.2	2.7	15	-1.9	54.9	5.6	14
3/16/2007 11:00	-0.3	54.1	3.1	21	-1.4	54.9	5.4	13
3/16/2007 12:00	1.0	52.2	3.3	21	-0.6	53.9	6.3	10
3/16/2007 13:00	1.8	49.5	3.5	17	-0.1	52.7	6.0	12
3/16/2007 14:00	2.5	49.7	3.3	16	0.2	53.7	5.5	8
3/16/2007 15:00	1.8	55.7	3.4	7	0.4	54.7	4.8	1
3/16/2007 16:00	2.3	52.6	2.9	14	0.6	53.4	4.9	5
3/16/2007 17:00	3.6	46.8	3.0	19	1.1	52.2	4.5	13
3/16/2007 18:00	4.1	46.6	2.7	32	0.9	53.0	4.9	21
3/16/2007 19:00	2.0	57.7	2.6	27	0.0	55.4	4.9	22
3/16/2007 20:00	-0.2	58.3	2.2	23	-0.7	52.3	3.9	11
3/16/2007 21:00	-0.6	56.2	2.2	13	-0.9	53.1	4.1	-1
3/16/2007 22:00	-0.5	59.1	2.9	2	-1.0	57.8	4.6	-2
3/16/2007 23:00	-1.0	71.4	2.8	-4	-1.5	71.1	3.6	350
3/17/2007 0:00	-1.8	78.7	2.6	351	-2.5	82.4	3.4	333
3/17/2007 1:00	-2.2	81.6	2.7	349	-2.8	85.7	3.1	334
3/17/2007 2:00	-2.4	82.2	2.4	343	-2.9	83.6	3.3	331
3/17/2007 3:00	-2.6	84.0	2.5	346	-3.2	87.2	3.3	330
3/17/2007 4:00	-3.0	84.5	2.3	337	-3.6	86.9	2.9	316
3/17/2007 5:00	-3.4	82.9	2.2	332	-3.9	84.3	2.9	308

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
3/17/2007 6:00	-3.2	77.1	2.0	326	-3.6	76.3	2.8	302
3/17/2007 7:00	-3.2	77.9	2.0	316	-3.6	78.0	2.9	294
3/17/2007 8:00	-3.0	72.6	2.1	328	-3.4	71.1	3.0	306
3/17/2007 9:00	-2.7	68.9	2.3	333	-3.0	67.7	3.3	319
3/17/2007 10:00	-1.8	65.6	2.9	339	-2.2	63.2	4.1	324
3/17/2007 11:00	-0.4	53.3	3.8	352	-1.2	49.9	4.9	334
3/17/2007 12:00	0.6	41.4	3.4	335	0.0	38.5	4.5	325
3/17/2007 13:00	1.8	38.7	3.6	336	1.1	40.2	4.4	328
3/17/2007 14:00	2.7	41.9	3.4	334	1.9	41.5	4.3	313
3/17/2007 15:00	2.8	46.4	3.0	316	2.1	44.8	4.2	295
3/17/2007 16:00	2.8	47.3	3.3	326	2.0	48.7	4.6	300
3/17/2007 17:00	3.2	33.5	3.1	329	2.2	36.5	4.2	318
3/17/2007 18:00	3.7	30.6	3.6	324	2.9	33.2	4.8	302
3/17/2007 19:00	2.5	37.3	3.3	322	2.0	37.4	4.3	300
3/17/2007 20:00	2.1	36.4	2.9	313	1.7	37.0	3.7	295
3/17/2007 21:00	1.7	39.7	2.5	312	1.4	39.2	3.4	289
3/17/2007 22:00	1.4	42.2	2.1	313	1.0	42.6	2.6	292
3/17/2007 23:00	0.6	44.5	1.9	308	0.3	44.3	2.8	285
3/18/2007 0:00	0.0	45.8	2.2	313	-0.3	47.5	2.7	293
3/18/2007 1:00	-0.4	48.9	1.9	321	-0.8	47.4	2.7	300
3/18/2007 2:00	-1.0	51.3	1.9	326	-1.3	51.4	2.9	304
3/18/2007 3:00	-1.5	55.3	1.8	315	-1.8	55.1	2.5	291
3/18/2007 4:00	-2.2	59.7	1.8	308	-2.6	60.0	2.3	285
3/18/2007 5:00	-2.7	62.7	1.7	305	-3.1	63.1	2.4	283
3/18/2007 6:00	-3.1	64.9	1.6	307	-3.4	66.6	2.4	284
3/18/2007 7:00	-3.4	67.9	1.6	306	-3.7	69.2	2.3	284
3/18/2007 8:00	-3.6	70.3	1.2	303	-4.0	70.7	2.0	279
3/18/2007 9:00	-3.3	66.0	1.8	305	-3.3	65.8	2.8	282
3/18/2007 10:00	-2.1	59.5	2.4	307	-2.2	59.3	3.6	286
3/18/2007 11:00	-0.6	49.6	2.4	301	-0.8	51.8	3.6	281
3/18/2007 12:00	1.2	40.0	2.3	301	0.7	41.5	3.8	274
3/18/2007 13:00	2.5	35.5	2.3	292	1.8	37.3	3.7	276
3/18/2007 14:00	3.7	30.8	2.5	298	3.2	33.4	3.9	263
3/18/2007 15:00	4.3	28.9	2.7	292	4.0	28.2	4.0	260
3/18/2007 16:00	5.1	31.2	2.9	284	4.4	36.7	5.0	258
3/18/2007 17:00	4.8	29.9	3.1	275	4.3	31.8	4.8	257
3/18/2007 18:00	4.7	28.9	2.6	275	4.1	30.7	4.4	259
3/18/2007 19:00	4.8	30.3	2.4	282	4.3	29.7	3.7	255
3/18/2007 20:00	3.5	34.5	1.2	265	3.0	37.2	2.1	242
3/18/2007 21:00	2.0	56.4	0.5	181	1.2	57.0	0.6	165
3/18/2007 22:00	0.5	60.6	0.4	155	-0.1	57.3	0.8	125
3/18/2007 23:00	-0.2	65.3	0.7	139	-0.4	68.0	1.0	124
3/19/2007 0:00	-0.3	73.2	1.0	162	-0.8	73.6	1.1	141

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
3/19/2007 1:00	-0.3	73.4	1.5	168	-0.2	72.9	2.0	168
3/19/2007 2:00	0.3	74.1	1.5	170	0.4	74.6	2.3	171
3/19/2007 3:00	1.0	71.6	1.9	176	1.0	71.5	2.6	179
3/19/2007 4:00	1.7	64.0	3.3	182	1.5	64.3	4.4	177
3/19/2007 5:00	1.8	61.2	3.9	179	1.5	60.7	4.8	174
3/19/2007 6:00	1.6	60.9	3.5	171	1.5	61.6	4.7	163
3/19/2007 7:00	1.6	61.4	2.7	174	1.4	63.9	3.7	162
3/19/2007 8:00	0.4	92.2	3.7	190	0.3	94.4	4.8	185
3/19/2007 9:00	-0.4	94.8	2.8	167	-0.8	96.4	3.6	156
3/19/2007 10:00	-0.3	95.9	3.1	171	-0.7	97.2	4.5	161
3/19/2007 11:00	-0.2	95.9	3.5	172	-0.7	97.6	4.9	161
3/19/2007 12:00	0.0	94.7	4.0	175	-0.5	97.5	5.4	165
3/19/2007 13:00	0.4	93.2	3.6	184	0.1	97.3	4.9	174
3/19/2007 14:00	1.4	90.9	3.5	191	1.2	94.4	4.5	183
3/19/2007 15:00	2.7	85.9	2.5	190	2.6	87.4	3.5	181
3/19/2007 16:00	4.2	80.8	2.5	215	4.3	79.8	3.8	204
3/19/2007 17:00	5.3	78.7	2.5	237	5.3	78.6	3.7	218
3/19/2007 18:00	6.0	78.1	2.3	227	5.8	78.7	3.5	218
3/19/2007 19:00	6.9	79.4	2.2	200	6.6	82.1	2.5	190
3/19/2007 20:00	6.8	82.5	1.5	208	6.0	85.4	1.8	198
3/19/2007 21:00	6.7	82.4	1.2	230	5.5	84.7	1.5	219
3/19/2007 22:00	7.6	67.9	1.9	276	6.9	67.6	2.9	255
3/19/2007 23:00	7.2	64.0	1.8	309	6.9	63.0	3.1	289
3/20/2007 0:00	4.7	70.1	0.3	308	5.0	65.2	1.0	281
3/20/2007 1:00	4.2	67.4	0.8	319	4.5	63.2	1.6	288
3/20/2007 2:00	3.9	66.3	1.1	329	3.9	65.4	1.5	298
3/20/2007 3:00	2.7	71.7	0.8	323	3.1	66.6	1.7	298
3/20/2007 4:00	2.0	60.7	1.8	337	2.3	60.7	2.0	311
3/20/2007 5:00	1.5	70.8	3.0	350	1.6	68.6	3.0	335
3/20/2007 6:00	0.2	67.6	2.7	-7	0.2	61.0	3.0	343
3/20/2007 7:00	-0.9	65.4	2.8	348	-1.0	64.4	3.0	335
3/20/2007 8:00	-1.8	68.2	3.0	351	-1.9	64.5	2.9	340
3/20/2007 9:00	-1.9	65.5	2.6	2	-2.3	63.9	3.6	349
3/20/2007 10:00	-1.5	67.1	2.5	17	-2.3	68.6	3.7	7
3/20/2007 11:00	-0.8	64.3	2.7	47	-2.3	65.6	4.4	28
3/20/2007 12:00	0.0	57.4	2.9	47	-1.9	58.8	4.3	31
3/20/2007 13:00	1.2	56.3	2.9	45	-1.1	60.2	3.7	25
3/20/2007 14:00	2.4	58.1	3.0	52	-0.6	63.2	4.4	33
3/20/2007 15:00	3.2	50.3	3.3	47	-0.4	58.9	4.8	32
3/20/2007 16:00	3.9	48.8	3.1	47	-0.1	60.3	4.8	25
3/20/2007 17:00	4.3	48.1	2.8	39	0.2	54.7	4.7	21
3/20/2007 18:00	4.2	50.1	3.2	56	0.5	57.6	4.8	33
3/20/2007 19:00	3.3	57.7	2.7	74	0.5	61.8	3.8	44

Appendix A3

Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
3/20/2007 20:00	0.7	69.1	2.1	68	-0.2	68.3	2.8	41
3/20/2007 21:00	-0.3	74.6	1.7	95	-0.7	76.7	2.2	83
3/20/2007 22:00	-1.1	75.2	1.5	91	-1.2	72.4	2.3	65
3/20/2007 23:00	-1.6	74.8	1.2	66	-1.9	73.2	2.5	50
3/21/2007 0:00	-1.7	71.2	1.9	70	-2.0	70.5	3.2	52
3/21/2007 1:00	-1.7	75.6	2.0	71	-2.3	78.6	3.3	51
3/21/2007 2:00	-2.1	78.3	1.7	77	-2.6	82.0	3.0	54
3/21/2007 3:00	-2.4	80.5	1.7	90	-2.7	80.2	3.0	64
3/21/2007 4:00	-2.3	77.1	2.0	96	-2.3	72.8	3.5	74
3/21/2007 5:00	-2.3	75.5	2.2	96	-2.3	75.2	3.1	70
3/21/2007 6:00	-1.9	77.0	1.9	94	-2.1	77.0	3.1	69
3/21/2007 7:00	-1.3	78.1	2.0	93	-1.7	78.7	2.9	72
3/21/2007 8:00	-0.6	77.7	1.7	98	-1.1	77.6	2.7	76
3/21/2007 9:00	0.1	75.6	1.7	117	-0.3	76.3	2.2	94
3/21/2007 10:00	1.1	74.4	1.6	126	0.6	75.2	2.0	104
3/21/2007 11:00	2.0	82.0	1.7	135	1.3	83.2	2.1	115
3/21/2007 12:00	1.7	88.2	1.4	130	1.2	89.0	1.9	108
3/21/2007 13:00	2.4	90.0	1.4	137	1.8	89.9	2.0	117
3/21/2007 14:00	4.2	86.2	1.6	149	3.4	85.0	2.6	133
3/21/2007 15:00	5.6	82.6	1.9	160	4.9	81.5	3.2	146
3/21/2007 16:00	6.4	85.0	1.6	160	5.7	87.3	2.5	146
3/21/2007 17:00	7.4	82.1	1.1	144	6.6	83.8	1.7	129
3/21/2007 18:00	9.3	76.9	1.2	140	8.2	84.2	1.9	132
3/21/2007 19:00	9.9	80.5	1.1	141	8.8	85.5	1.5	128
3/21/2007 20:00	9.6	83.8	0.7	135	9.2	87.5	0.6	124
3/21/2007 21:00	9.0	89.0	1.2	148	9.0	90.1	0.8	125
3/21/2007 22:00	12.5	79.2	2.5	169	13.1	76.0	3.1	169
3/21/2007 23:00	13.9	72.1	3.1	170	14.2	73.9	3.8	165
3/22/2007 0:00	14.3	73.9	3.7	186	14.4	74.3	4.4	179
3/22/2007 1:00	13.8	74.2	1.8	210	13.3	75.9	3.9	203
3/22/2007 2:00	12.4	78.5	1.8	166	12.3	76.1	3.5	173
3/22/2007 3:00	12.8	73.8	3.7	174	12.8	75.4	3.5	173
3/22/2007 4:00	13.5	70.5	4.8	184	13.1	71.9	5.4	179
3/22/2007 5:00	13.7	71.9	4.4	184	13.1	73.8	5.1	177
3/22/2007 6:00	13.8	58.3	3.7	186	12.6	70.8	4.5	177
3/22/2007 7:00	17.4	61.3	5.6	204	15.9	67.4	5.9	188
3/22/2007 8:00	15.3	68.2	4.3	185	14.1	71.3	5.4	177
3/22/2007 9:00	14.7	68.1	3.8	185	13.8	69.9	4.9	178
3/22/2007 10:00	15.3	80.5	4.9	207	14.6	83.5	6.3	199
3/22/2007 11:00	14.0	91.7	4.5	206	13.5	93.6	6.0	199
3/22/2007 12:00	14.3	87.0	4.6	200	13.9	88.9	5.6	192
3/22/2007 13:00	15.5	82.2	4.8	208	14.8	82.8	5.8	194
3/22/2007 14:00	16.4	81.6	4.4	215	16.2	82.1	6.5	206

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
3/22/2007 15:00	16.7	85.3	3.5	236	16.6	83.9	5.2	220
3/22/2007 16:00	16.9	68.5	2.7	263	17.1	68.0	4.4	245
3/22/2007 17:00	19.1	44.4	2.8	267	18.5	47.0	4.9	253
3/22/2007 18:00	19.4	37.8	2.9	260	19.2	39.5	4.4	245
3/22/2007 19:00	18.5	39.1	2.4	280	18.0	42.0	4.7	252
3/22/2007 20:00	15.6	41.6	2.5	298	15.3	42.8	3.7	274
3/22/2007 21:00	13.2	42.6	1.7	301	12.8	43.8	2.5	278
3/22/2007 22:00	12.2	41.1	1.7	281	11.6	44.0	3.1	260
3/22/2007 23:00	11.0	45.0	1.3	274	10.2	48.0	2.3	253
3/23/2007 0:00	9.6	50.3	0.8	283	9.0	50.7	1.9	262
3/23/2007 1:00	8.4	61.4	0.6	262	7.5	59.2	1.3	243
3/23/2007 2:00	6.4	64.7	0.6	311	7.0	58.3	1.2	277
3/23/2007 3:00	7.6	62.8	0.8	328	7.4	56.0	0.9	286
3/23/2007 4:00	7.2	64.2	0.2	16	6.7	75.8	0.5	209
3/23/2007 5:00	6.6	72.2	0.2	169	5.7	70.2	0.3	281
3/23/2007 6:00	6.4	71.6	0.2	197	5.9	73.6	0.5	266
3/23/2007 7:00	6.6	74.0	0.2	137	5.8	73.8	0.4	145
3/23/2007 8:00	6.2	74.7	0.5	27	5.8	72.0	0.5	50
3/23/2007 9:00	6.2	76.3	0.2	338	6.1	64.7	0.3	344
3/23/2007 10:00	7.8	62.9	0.5	18	7.7	58.7	1.2	28
3/23/2007 11:00	9.1	55.1	1.1	54	7.8	56.4	1.7	34
3/23/2007 12:00	9.9	51.5	1.7	59	8.7	53.3	2.3	37
3/23/2007 13:00	10.5	47.6	2.1	81	9.3	48.2	2.9	56
3/23/2007 14:00	11.2	46.8	2.0	68	9.8	47.2	3.2	55
3/23/2007 15:00	11.9	60.5	2.4	75	10.3	62.7	3.2	58
3/23/2007 16:00	11.2	64.4	2.6	95	9.9	67.4	3.5	71
3/23/2007 17:00	10.5	73.8	2.4	99	9.6	75.9	3.3	78
3/23/2007 18:00	10.3	73.8	2.3	95	9.5	74.6	3.7	80
3/23/2007 19:00	9.9	73.2	2.3	96	9.4	73.2	3.4	72
3/23/2007 20:00	9.4	75.6	2.1	95	8.9	76.7	3.3	69
3/23/2007 21:00	8.9	74.1	2.3	89	8.6	69.1	3.4	64
3/23/2007 22:00	8.5	65.0	2.0	101	8.2	67.5	2.8	71
3/23/2007 23:00	8.2	63.8	1.7	114	7.8	65.5	1.9	93
3/24/2007 0:00	7.6	61.8	2.0	106	7.2	62.0	2.8	78
3/24/2007 1:00	7.4	63.1	1.5	102	6.9	63.6	2.3	82
3/24/2007 2:00	7.5	66.4	1.4	116	7.0	69.5	1.9	91
3/24/2007 3:00	7.4	76.7	1.0	90	6.9	76.2	1.5	70
3/24/2007 4:00	7.1	75.6	1.1	69	6.7	76.4	1.8	47
3/24/2007 5:00	7.5	75.3	0.8	99	7.1	73.8	1.2	70
3/24/2007 6:00	7.7	76.1	0.7	140	7.3	77.2	1.0	112
3/24/2007 7:00	7.8	77.4	0.5	109	7.3	79.6	0.7	95
3/24/2007 8:00	7.7	85.4	1.0	155	7.3	86.1	1.1	135
3/24/2007 9:00	7.4	91.7	1.1	187	7.2	92.8	1.4	187

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
3/24/2007 10:00	8.0	93.0	1.5	212	7.9	92.7	1.9	201
3/24/2007 11:00	9.2	88.7	1.7	228	9.2	88.4	2.1	196
3/24/2007 12:00	10.7	83.6	1.9	217	11.2	78.8	2.1	205
3/24/2007 13:00	14.2	72.5	2.2	242	15.5	71.5	3.2	223
3/24/2007 14:00	16.4	74.8	2.3	255	17.0	72.9	3.7	229
3/24/2007 15:00	16.9	77.3	2.6	295	17.1	77.5	4.1	269
3/24/2007 16:00	18.1	64.4	3.2	300	17.8	63.8	5.3	269
3/24/2007 17:00	18.6	53.5	3.1	302	18.2	55.5	5.0	276
3/24/2007 18:00	19.0	46.5	2.6	318	18.3	49.7	3.6	296
3/24/2007 19:00	18.8	46.0	2.2	323	17.8	46.1	3.0	305
3/24/2007 20:00	17.0	56.4	1.3	323	16.6	52.1	1.8	297
3/24/2007 21:00	13.5	71.5	0.3	46	14.4	60.8	0.7	343
3/24/2007 22:00	10.9	73.8	1.1	49	13.2	71.6	2.2	33
3/24/2007 23:00	9.9	84.7	2.4	56	9.4	87.7	4.0	41
3/25/2007 0:00	8.0	88.6	1.6	54	7.7	90.1	2.7	37
3/25/2007 1:00	7.3	89.9	0.9	40	7.0	90.5	2.0	27
3/25/2007 2:00	6.3	90.8	0.6	330	6.0	92.6	0.7	288
3/25/2007 3:00	5.1	91.7	0.5	50	5.2	94.0	0.8	46
3/25/2007 4:00	4.6	92.2	0.4	41	4.5	94.6	0.7	42
3/25/2007 5:00	4.5	93.1	0.9	49	4.1	95.4	1.3	32
3/25/2007 6:00	4.3	93.4	0.4	43	3.9	95.5	1.1	36
3/25/2007 7:00	4.7	93.6	0.7	58	4.0	95.2	1.2	38
3/25/2007 8:00	4.9	93.1	1.3	71	4.3	93.2	2.1	45
3/25/2007 9:00	5.6	91.1	1.4	87	5.1	88.2	2.4	58
3/25/2007 10:00	7.7	83.1	2.1	100	7.4	78.3	2.7	80
3/25/2007 11:00	9.1	84.4	1.2	115	8.7	83.1	2.0	101
3/25/2007 12:00	10.7	75.2	2.4	109	10.4	75.0	2.8	94
3/25/2007 13:00	13.3	63.7	2.6	114	12.7	63.2	3.0	101
3/25/2007 14:00	15.4	59.1	2.8	128	14.7	59.9	3.8	109
3/25/2007 15:00	16.5	55.1	2.9	122	15.1	62.5	4.0	98
3/25/2007 16:00	17.5	59.9	3.5	108	15.1	64.2	4.0	89
3/25/2007 17:00	17.3	58.2	3.1	104	14.5	65.9	3.9	82
3/25/2007 18:00	15.6	64.1	2.9	110	13.0	68.0	4.4	84
3/25/2007 19:00	12.0	70.1	2.6	106	10.8	73.6	4.0	82
3/25/2007 20:00	9.8	74.7	2.4	98	9.1	76.4	3.2	71
3/25/2007 21:00	8.7	76.0	1.7	95	8.1	77.4	2.8	68
3/25/2007 22:00	8.5	76.3	1.3	94	8.2	75.9	2.1	75
3/25/2007 23:00	9.3	75.7	0.8	92	9.0	74.9	1.0	49
3/26/2007 0:00	9.7	77.2	0.6	24	9.4	77.2	1.0	21
3/26/2007 1:00	9.5	78.4	0.4	26	9.1	78.8	1.1	27
3/26/2007 2:00	9.6	79.1	0.4	65	8.9	79.5	1.2	49
3/26/2007 3:00	9.2	82.6	0.5	97	9.4	81.7	1.0	63
3/26/2007 4:00	10.0	83.4	0.7	125	10.9	82.8	0.8	92

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
3/26/2007 5:00	12.0	85.4	0.9	92	12.7	83.5	0.8	125
3/26/2007 6:00	11.0	83.9	1.1	47	10.7	84.0	2.1	31
3/26/2007 7:00	9.9	84.4	1.0	88	8.9	88.5	1.7	59
3/26/2007 8:00	11.3	86.4	1.3	150	11.3	86.7	1.9	132
3/26/2007 9:00	14.5	78.3	1.8	176	14.3	79.2	2.5	174
3/26/2007 10:00	15.6	72.8	1.6	173	15.2	72.6	2.6	181
3/26/2007 11:00	19.2	61.3	2.8	198	19.2	59.9	3.9	194
3/26/2007 12:00	21.6	57.3	3.8	208	22.1	55.8	5.2	200
3/26/2007 13:00	23.4	54.9	4.0	214	24.0	53.9	5.6	205
3/26/2007 14:00	24.7	50.2	4.3	208	25.2	50.2	6.2	201
3/26/2007 15:00	25.8	52.5	5.1	212	26.2	55.1	7.2	203
3/26/2007 16:00	25.4	63.3	4.2	234	25.7	70.7	6.1	215
3/26/2007 17:00	24.4	52.4	3.3	240	24.4	52.0	4.7	227
3/26/2007 18:00	26.3	44.3	3.9	244	26.5	44.5	5.4	223
3/26/2007 19:00	24.9	57.8	3.1	223	24.6	59.4	4.5	213
3/26/2007 20:00	22.5	65.2	2.5	212	21.7	70.2	3.6	203
3/26/2007 21:00	21.1	67.8	2.0	222	20.4	70.8	3.1	213
3/26/2007 22:00	20.4	71.7	1.3	222	19.5	76.3	2.1	212
3/26/2007 23:00	19.3	76.3	1.4	199	18.4	79.6	1.7	206
3/27/2007 0:00	19.3	78.1	1.4	208	18.6	81.9	1.7	209
3/27/2007 1:00	18.8	82.5	1.4	210	17.7	87.1	1.8	192
3/27/2007 2:00	17.8	85.4	1.3	205	16.4	89.8	1.3	182
3/27/2007 3:00	16.8	88.5	1.0	192	15.6	92.0	1.2	180
3/27/2007 4:00	15.9	89.5	0.9	181	15.2	92.5	1.3	169
3/27/2007 5:00	14.5	92.3	0.8	182	14.1	94.8	0.4	151
3/27/2007 6:00	13.9	93.1	0.5	163	13.3	95.9	0.5	126
3/27/2007 7:00	13.8	94.1	0.5	162	13.3	96.6	0.8	158
3/27/2007 8:00	15.0	93.6	1.1	193	14.1	96.6	0.8	183
3/27/2007 9:00	15.8	91.3	1.0	190	14.9	94.1	0.7	159
3/27/2007 10:00	18.3	77.3	1.6	228	18.8	73.8	2.1	205
3/27/2007 11:00	21.2	68.6	1.9	250	22.1	63.4	2.9	237
3/27/2007 12:00	22.8	62.5	2.2	236	24.0	61.1	3.3	213
3/27/2007 13:00	24.4	55.8	2.2	236	25.8	52.4	2.9	215
3/27/2007 14:00	25.8	54.0	2.2	228	26.2	54.0	3.3	196
3/27/2007 15:00	26.3	57.6	2.8	202	26.9	57.3	4.0	198
3/27/2007 16:00	26.1	56.3	3.8	182	25.6	59.6	5.4	179
3/27/2007 17:00	21.3	84.6	2.7	76	20.4	90.8	4.6	73
3/27/2007 18:00	16.2	90.8	1.6	69	15.4	90.5	3.3	44
3/27/2007 19:00	15.5	89.7	1.9	50	15.3	89.6	3.4	34
3/27/2007 20:00	13.5	90.4	1.9	60	13.0	91.4	2.9	37
3/27/2007 21:00	12.3	92.5	1.5	13	11.3	92.8	2.4	11
3/27/2007 22:00	12.8	92.0	2.9	-3	12.4	91.2	3.8	348
3/27/2007 23:00	11.9	92.4	2.2	24	11.4	91.9	3.7	9

Appendix A3

Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
3/28/2007 0:00	10.7	92.0	2.7	12	10.3	90.7	4.1	9
3/28/2007 1:00	10.4	90.5	2.8	-1	10.1	87.6	4.9	-2
3/28/2007 2:00	10.5	88.1	2.8	8	10.3	85.1	5.4	2
3/28/2007 3:00	10.5	86.6	2.6	15	10.3	84.8	5.1	6
3/28/2007 4:00	10.7	86.1	2.5	16	10.2	85.6	4.8	12
3/28/2007 5:00	10.1	84.8	2.4	15	9.6	83.3	4.3	5
3/28/2007 6:00	9.6	81.5	2.4	19	9.2	78.9	4.6	12
3/28/2007 7:00	8.8	81.2	2.5	22	8.2	80.0	5.2	13
3/28/2007 8:00	8.0	79.1	2.9	20	7.5	77.2	5.3	13
3/28/2007 9:00	7.7	75.6	2.9	28	7.1	76.1	5.0	18
3/28/2007 10:00	7.6	73.7	3.2	38	6.9	73.1	5.2	26
3/28/2007 11:00	8.1	72.2	3.3	38	7.1	72.9	5.9	29
3/28/2007 12:00	9.2	65.2	3.7	46	8.1	67.1	6.2	36
3/28/2007 13:00	10.4	50.5	4.3	57	9.1	51.6	5.9	37
3/28/2007 14:00	12.3	47.7	3.9	54	10.3	46.9	6.3	40
3/28/2007 15:00	12.4	41.0	3.8	49	10.6	44.3	5.8	35
3/28/2007 16:00	13.6	37.7	3.8	50	11.1	41.0	6.6	34
3/28/2007 17:00	14.2	37.9	3.7	50	11.5	36.1	6.3	35
3/28/2007 18:00	12.8	38.8	3.4	57	11.3	40.7	5.5	45
3/28/2007 19:00	11.4	39.1	3.4	51	10.8	38.3	5.4	39
3/28/2007 20:00	9.8	52.7	3.0	37	9.5	49.0	4.9	25
3/28/2007 21:00	8.4	43.0	3.0	35	8.3	40.5	4.7	24
3/28/2007 22:00	7.7	45.4	3.1	41	7.6	41.0	5.6	30
3/28/2007 23:00	7.1	44.2	3.5	42	6.9	41.6	6.0	31
3/29/2007 0:00	6.8	44.2	3.4	47	6.6	44.2	6.4	34
3/29/2007 1:00	6.5	42.7	4.1	55	6.2	43.2	6.3	38
3/29/2007 2:00	5.8	42.5	3.5	62	5.8	35.2	6.9	45
3/29/2007 3:00	5.7	39.6	4.1	72	5.2	40.8	7.2	51
3/29/2007 4:00	4.8	44.1	3.8	70	4.3	45.4	6.2	50
3/29/2007 5:00	4.3	46.0	3.7	72	3.9	44.1	5.9	51
3/29/2007 6:00	3.7	47.8	3.4	68	3.3	47.6	5.4	50
3/29/2007 7:00	3.2	49.3	3.0	68	3.0	46.8	4.9	48
3/29/2007 8:00	3.0	50.6	3.5	67	2.7	47.4	5.2	48
3/29/2007 9:00	3.6	49.1	3.9	69	3.3	46.3	6.2	51
3/29/2007 10:00	4.9	42.7	4.0	76	4.6	41.2	6.2	52
3/29/2007 11:00	6.5	38.8	4.0	79	5.9	37.7	6.4	57
3/29/2007 12:00	7.9	37.4	4.7	74	6.9	36.2	6.7	54
3/29/2007 13:00	9.6	34.5	4.3	75	8.1	30.7	6.7	60
3/29/2007 14:00	11.4	30.7	4.2	77	9.4	29.4	6.3	54
3/29/2007 15:00	12.3	28.1	4.4	73	10.1	23.3	6.4	54
3/29/2007 16:00	13.4	26.8	3.9	53	10.7	27.3	5.7	42
3/29/2007 17:00	14.0	25.5	3.3	53	11.0	28.3	5.0	44
3/29/2007 18:00	14.2	22.5	3.5	70	11.2	23.8	5.7	56

Appendix A3

Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
3/29/2007 19:00	13.0	26.7	3.6	87	10.7	26.4	5.1	62
3/29/2007 20:00	10.0	33.9	2.5	91	9.4	29.4	4.0	67
3/29/2007 21:00	7.3	41.8	1.8	85	7.0	43.7	2.3	53
3/29/2007 22:00	5.9	47.9	0.9	69	5.8	46.0	1.0	35
3/29/2007 23:00	5.0	51.0	1.3	101	5.0	47.3	1.9	66
3/30/2007 0:00	4.8	53.0	1.7	100	5.1	50.3	3.2	72
3/30/2007 1:00	4.6	60.2	1.4	71	4.7	58.2	2.8	51
3/30/2007 2:00	4.2	60.6	1.5	84	4.0	60.9	2.7	56
3/30/2007 3:00	3.7	65.6	0.8	57	3.4	63.8	1.6	40
3/30/2007 4:00	3.2	66.6	0.7	45	2.8	64.3	1.4	33
3/30/2007 5:00	2.8	69.3	0.6	29	2.7	63.5	1.4	20
3/30/2007 6:00	2.3	72.8	0.8	53	2.7	68.9	1.6	39
3/30/2007 7:00	2.5	74.1	0.5	63	2.7	70.2	1.2	46
3/30/2007 8:00	1.8	75.8	0.6	-2	2.5	67.2	1.3	15
3/30/2007 9:00	4.0	64.4	0.5	-2	4.8	56.7	1.1	5
3/30/2007 10:00	7.7	49.7	1.2	31	7.5	46.5	1.6	16
3/30/2007 11:00	11.0	49.2	1.4	37	10.0	48.7	2.0	37
3/30/2007 12:00	12.6	44.5	2.0	52	11.0	47.3	2.8	28
3/30/2007 13:00	13.4	29.6	2.4	46	11.3	34.9	3.3	21
3/30/2007 14:00	15.9	29.6	2.3	32	13.0	34.7	3.3	16
3/30/2007 15:00	17.0	30.8	2.9	46	13.8	30.9	4.4	28
3/30/2007 16:00	17.7	27.4	2.9	42	14.1	29.3	5.1	27
3/30/2007 17:00	17.4	28.9	2.7	42	14.1	27.6	4.6	23
3/30/2007 18:00	15.3	27.8	2.3	27	13.1	25.1	3.8	21
3/30/2007 19:00	14.0	26.9	1.6	22	13.3	23.9	2.9	16
3/30/2007 20:00	12.9	40.5	1.7	42	12.2	37.7	3.2	32
3/30/2007 21:00	10.8	44.3	2.0	42	10.4	41.3	3.8	24
3/30/2007 22:00	9.3	56.3	1.7	46	9.0	55.6	3.0	33
3/30/2007 23:00	8.2	65.1	1.3	32	7.9	63.3	2.4	22
3/31/2007 0:00	7.8	61.7	1.1	27	7.5	60.3	2.2	19
3/31/2007 1:00	7.9	54.7	1.2	24	7.3	57.8	2.3	16
3/31/2007 2:00	8.2	54.1	1.2	36	7.6	52.1	2.2	25
3/31/2007 3:00	7.9	58.5	1.5	52	7.3	57.6	2.5	33
3/31/2007 4:00	7.6	62.4	1.5	55	7.0	62.7	2.3	36
3/31/2007 5:00	7.3	64.7	1.3	46	6.6	66.9	2.4	27
3/31/2007 6:00	7.2	66.4	1.3	40	6.5	67.0	3.0	29
3/31/2007 7:00	7.2	70.0	1.5	42	6.6	71.4	2.5	27
3/31/2007 8:00	7.1	70.7	1.5	45	6.5	72.1	2.6	30
3/31/2007 9:00	7.4	67.6	1.8	62	6.8	63.7	3.0	43
3/31/2007 10:00	7.8	58.7	2.6	79	7.3	58.2	4.0	56
3/31/2007 11:00	8.5	54.7	3.0	83	7.8	58.0	4.1	66
3/31/2007 12:00	8.2	58.4	3.1	91	7.3	56.5	5.1	64
3/31/2007 13:00	8.6	54.1	3.4	76	7.7	53.1	4.8	54

Appendix A3

Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
3/31/2007 14:00	9.7	49.3	3.4	71	8.6	50.9	5.7	51
3/31/2007 15:00	10.5	47.6	2.9	72	9.4	47.3	5.1	54
3/31/2007 16:00	10.8	46.9	3.0	78	9.9	47.9	4.9	59
3/31/2007 17:00	10.6	45.6	3.0	81	10.1	44.5	4.5	60
3/31/2007 18:00	11.3	49.0	3.5	95	10.2	46.9	5.7	72
3/31/2007 19:00	9.7	49.7	3.2	97	9.2	48.2	5.3	71
3/31/2007 20:00	8.9	50.7	3.2	101	8.5	49.3	5.4	76
3/31/2007 21:00	8.1	53.9	3.6	96	7.7	53.5	6.1	72
3/31/2007 22:00	7.8	58.0	3.8	96	7.5	58.5	6.2	73
3/31/2007 23:00	7.5	61.4	3.4	101	7.1	62.4	5.3	77

Appendix A4

Record of Traffic Data

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
1/6/2007 13:00	561	18	88	667	15.9%
1/6/2007 14:00	613	14	117	744	17.6%
1/6/2007 15:00	607	9	97	713	14.9%
1/6/2007 16:00	562	12	97	671	16.2%
1/6/2007 17:00	609	8	77	694	12.2%
1/6/2007 18:00	460	4	79	543	15.3%
1/6/2007 19:00	263	3	83	349	24.6%
1/6/2007 20:00	139	8	67	214	35.0%
1/6/2007 21:00	149	2	66	217	31.3%
1/6/2007 22:00	104	6	56	166	37.3%
1/6/2007 23:00	101	3	37	141	28.4%
1/7/2007 0:00	217	6	69	292	25.7%
1/7/2007 1:00	169	3	51	223	24.2%
1/7/2007 2:00	140	2	40	182	23.1%
1/7/2007 3:00	79	7	35	121	34.7%
1/7/2007 4:00	80	4	38	122	34.4%
1/7/2007 5:00	76	1	42	119	36.1%
1/7/2007 6:00	136	2	56	194	29.9%
1/7/2007 7:00	168	4	82	254	33.9%
1/7/2007 8:00	246	5	90	341	27.9%
1/7/2007 9:00	449	10	142	601	25.3%
1/7/2007 10:00	629	6	143	778	19.2%
1/7/2007 11:00	677	9	150	836	19.0%
1/7/2007 12:00	953	22	179	1154	17.4%
1/7/2007 13:00	877	11	196	1084	19.1%
1/7/2007 14:00	981	23	193	1197	18.0%
1/7/2007 15:00	910	12	174	1096	17.0%
1/7/2007 16:00	857	17	245	1119	23.4%
1/7/2007 17:00	802	14	215	1031	22.2%
1/7/2007 18:00	672	19	178	869	22.7%
1/7/2007 19:00	534	16	214	764	30.1%
1/7/2007 20:00	425	14	190	629	32.4%
1/7/2007 21:00	357	12	163	532	32.9%
1/7/2007 22:00	266	7	173	446	40.4%
1/7/2007 23:00	196	10	136	342	42.7%
1/8/2007 0:00	114	9	114	237	51.9%
1/8/2007 1:00	74	4	123	201	63.2%
1/8/2007 2:00	39	9	110	158	75.3%
1/8/2007 3:00	42	7	105	154	72.7%
1/8/2007 4:00	80	6	135	221	63.8%
1/8/2007 5:00	186	15	173	374	50.3%
1/8/2007 6:00	478	20	185	683	30.0%
1/8/2007 7:00	735	30	178	943	22.1%
1/8/2007 8:00	701	49	244	994	29.5%
1/8/2007 9:00	569	44	246	859	33.8%
1/8/2007 10:00	554	47	291	892	37.9%
1/8/2007 11:00	627	55	312	994	36.9%
1/8/2007 12:00	661	50	334	1045	36.7%
1/8/2007 13:00	658	54	370	1082	39.2%
1/8/2007 14:00	768	43	339	1150	33.2%
1/8/2007 15:00	907	52	361	1320	31.3%
1/8/2007 16:00	950	55	409	1414	32.8%
1/8/2007 17:00	859	34	403	1296	33.7%
1/8/2007 18:00	675	21	417	1113	39.4%

Appendix A4

Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
1/8/2007 19:00	540	30	379	949	43.1%
1/8/2007 20:00	407	14	380	801	49.2%
1/8/2007 21:00	327	17	356	700	53.3%
1/8/2007 22:00	270	17	346	633	57.3%
1/8/2007 23:00	212	11	268	491	56.8%
1/9/2007 0:00	117	13	219	349	66.5%
1/9/2007 1:00	64	11	198	273	76.6%
1/9/2007 2:00	55	14	156	225	75.6%
1/9/2007 3:00	48	10	167	225	78.7%
1/9/2007 4:00	64	11	170	245	73.9%
1/9/2007 5:00	145	12	226	383	62.1%
1/9/2007 6:00	484	36	239	759	36.2%
1/9/2007 7:00	696	44	231	971	28.3%
1/9/2007 8:00	686	60	322	1068	35.8%
1/9/2007 9:00	554	53	369	976	43.2%
1/9/2007 10:00	542	62	352	956	43.3%
1/9/2007 11:00	628	60	438	1126	44.2%
1/9/2007 12:00	680	55	418	1153	41.0%
1/9/2007 13:00	654	48	369	1071	38.9%
1/9/2007 14:00	732	68	442	1242	41.1%
1/9/2007 15:00	939	50	444	1433	34.5%
1/9/2007 16:00	940	44	407	1391	32.4%
1/9/2007 17:00	899	44	466	1409	36.2%
1/9/2007 18:00	663	39	481	1183	44.0%
1/9/2007 19:00	510	25	433	968	47.3%
1/9/2007 20:00	467	22	363	852	45.2%
1/9/2007 21:00	364	22	370	756	51.9%
1/9/2007 22:00	279	29	324	632	55.9%
1/9/2007 23:00	218	13	305	536	59.3%
1/10/2007 0:00	105	6	234	345	69.6%
1/10/2007 1:00	68	12	225	305	77.7%
1/10/2007 2:00	56	8	196	260	78.5%
1/10/2007 3:00	39	11	165	215	81.9%
1/10/2007 4:00	67	6	182	255	73.7%
1/10/2007 5:00	163	14	184	361	54.8%
1/10/2007 6:00	493	33	230	756	34.8%
1/10/2007 7:00	726	51	259	1036	29.9%
1/10/2007 8:00	698	68	332	1098	36.4%
1/10/2007 9:00	531	63	340	934	43.1%
1/10/2007 10:00	559	43	419	1021	45.2%
1/10/2007 11:00	653	54	410	1117	41.5%
1/10/2007 12:00	649	50	400	1099	40.9%
1/10/2007 13:00	669	63	413	1145	41.6%
1/10/2007 14:00	741	68	448	1257	41.1%
1/10/2007 15:00	898	70	444	1412	36.4%
1/10/2007 16:00	954	47	461	1462	34.7%
1/10/2007 17:00	858	33	396	1287	33.3%
1/10/2007 18:00	681	45	457	1183	42.4%
1/10/2007 19:00	525	25	409	959	45.3%
1/10/2007 20:00	446	22	382	850	47.5%
1/10/2007 21:00	389	20	418	827	53.0%
1/10/2007 22:00	335	29	360	724	53.7%
1/10/2007 23:00	245	16	299	560	56.3%
1/11/2007 0:00	124	20	225	369	66.4%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
1/11/2007 1:00	70	9	255	334	79.0%
1/11/2007 2:00	49	4	197	250	80.4%
1/11/2007 3:00	49	11	189	249	80.3%
1/11/2007 4:00	61	17	181	259	76.4%
1/11/2007 5:00	174	23	226	423	58.9%
1/11/2007 6:00	485	34	255	774	37.3%
1/11/2007 7:00	709	55	284	1048	32.3%
1/11/2007 8:00	751	67	329	1147	34.5%
1/11/2007 9:00	559	60	395	1014	44.9%
1/11/2007 10:00	579	64	437	1080	46.4%
1/11/2007 11:00	879	63	455	1397	37.1%
1/11/2007 12:00	1027	80	450	1557	34.0%
1/11/2007 13:00	1031	76	453	1560	33.9%
1/11/2007 14:00	1100	62	454	1616	31.9%
1/11/2007 15:00	1383	63	478	1924	28.1%
1/11/2007 16:00	1330	48	477	1855	28.3%
1/11/2007 17:00	1295	50	512	1857	30.3%
1/11/2007 18:00	923	28	511	1462	36.9%
1/11/2007 19:00	701	20	406	1127	37.8%
1/11/2007 20:00	594	20	448	1062	44.1%
1/11/2007 21:00	480	15	378	873	45.0%
1/11/2007 22:00	397	22	307	726	45.3%
1/11/2007 23:00	265	11	297	573	53.8%
1/12/2007 0:00	160	13	238	411	61.1%
1/12/2007 1:00	80	13	251	344	76.7%
1/12/2007 2:00	86	12	196	294	70.7%
1/12/2007 3:00	51	14	181	246	79.3%
1/12/2007 4:00	87	12	197	296	70.6%
1/12/2007 5:00	245	14	224	483	49.3%
1/12/2007 6:00	725	23	271	1019	28.9%
1/12/2007 7:00	1076	43	271	1390	22.6%
1/12/2007 8:00	1020	70	349	1439	29.1%
1/12/2007 9:00	867	69	381	1317	34.2%
1/12/2007 10:00	851	61	427	1339	36.4%
1/12/2007 11:00	957	59	405	1421	32.7%
1/12/2007 12:00	1139	68	442	1649	30.9%
1/12/2007 13:00	1107	76	423	1606	31.1%
1/12/2007 14:00	1271	75	405	1751	27.4%
1/12/2007 15:00	1432	70	403	1905	24.8%
1/12/2007 16:00	1500	57	395	1952	23.2%
1/12/2007 17:00	1347	53	387	1787	24.6%
1/12/2007 18:00	1006	27	342	1375	26.8%
1/12/2007 19:00	834	19	334	1187	29.7%
1/12/2007 20:00	619	16	288	923	32.9%
1/12/2007 21:00	572	19	270	861	33.6%
1/12/2007 22:00	463	13	261	737	37.2%
1/12/2007 23:00	404	12	222	638	36.7%
1/13/2007 0:00	255	7	188	450	43.3%
1/13/2007 1:00	124	8	157	289	57.1%
1/13/2007 2:00	122	6	112	240	49.2%
1/13/2007 3:00	78	13	108	199	60.8%
1/13/2007 4:00	81	5	92	178	54.5%
1/13/2007 5:00	153	5	98	256	40.2%
1/13/2007 6:00	313	12	87	412	24.0%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
1/13/2007 7:00	398	25	131	554	28.2%
1/13/2007 8:00	537	22	173	732	26.6%
1/13/2007 9:00	690	24	181	895	22.9%
1/13/2007 10:00	852	15	218	1085	21.5%
1/13/2007 11:00	1008	30	236	1274	20.9%
1/13/2007 12:00	1135	23	218	1376	17.5%
1/13/2007 13:00	1109	22	228	1359	18.4%
1/13/2007 14:00	1185	16	240	1441	17.8%
1/13/2007 15:00	1232	15	188	1435	14.1%
1/13/2007 16:00	1123	20	214	1357	17.2%
1/13/2007 17:00	1025	15	190	1230	16.7%
1/13/2007 18:00	844	14	183	1041	18.9%
1/13/2007 19:00	646	14	178	838	22.9%
1/13/2007 20:00	564	12	151	727	22.4%
1/13/2007 21:00	520	10	140	670	22.4%
1/13/2007 22:00	430	11	104	545	21.1%
1/13/2007 23:00	336	11	109	456	26.3%
1/14/2007 0:00	217	2	76	295	26.4%
1/14/2007 1:00	141	1	70	212	33.5%
1/14/2007 2:00	130	0	51	181	28.2%
1/14/2007 3:00	90	6	51	147	38.8%
1/14/2007 4:00	71	1	52	124	42.7%
1/14/2007 5:00	75	2	35	112	33.0%
1/14/2007 6:00	160	2	62	224	28.6%
1/14/2007 7:00	182	8	61	251	27.5%
1/14/2007 8:00	329	10	112	451	27.1%
1/14/2007 9:00	497	9	116	622	20.1%
1/14/2007 10:00	702	11	174	887	20.9%
1/14/2007 11:00	831	6	174	1011	17.8%
1/14/2007 12:00	975	12	202	1189	18.0%
1/14/2007 13:00	878	17	204	1099	20.1%
1/14/2007 14:00	991	16	216	1223	19.0%
1/14/2007 15:00	985	5	222	1212	18.7%
1/14/2007 16:00	925	13	195	1133	18.4%
1/14/2007 17:00	977	15	252	1244	21.5%
1/14/2007 18:00	812	11	233	1056	23.1%
1/14/2007 19:00	610	9	240	859	29.0%
1/14/2007 20:00	528	11	231	770	31.4%
1/14/2007 21:00	396	13	207	616	35.7%
1/14/2007 22:00	298	21	194	513	41.9%
1/14/2007 23:00	198	14	143	355	44.2%
1/15/2007 0:00	108	8	137	253	57.3%
1/15/2007 1:00	66	3	107	176	62.5%
1/15/2007 2:00	51	7	106	164	68.9%
1/15/2007 3:00	53	7	92	152	65.1%
1/15/2007 4:00	87	9	106	202	56.9%
1/15/2007 5:00	215	17	155	387	44.4%
1/15/2007 6:00	657	22	171	850	22.7%
1/15/2007 7:00	957	37	179	1173	18.4%
1/15/2007 8:00	974	52	239	1265	23.0%
1/15/2007 9:00	764	36	274	1074	28.9%
1/15/2007 10:00	737	44	285	1066	30.9%
1/15/2007 11:00	898	45	324	1267	29.1%
1/15/2007 12:00	907	45	284	1236	26.6%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
1/15/2007 13:00	919	58	298	1275	27.9%
1/15/2007 14:00	1119	67	320	1506	25.7%
1/15/2007 15:00	1243	50	365	1658	25.0%
1/15/2007 16:00	1372	39	416	1827	24.9%
1/15/2007 17:00	1268	36	379	1683	24.7%
1/15/2007 18:00	863	14	362	1239	30.3%
1/15/2007 19:00	637	11	410	1058	39.8%
1/15/2007 20:00	528	14	377	919	42.5%
1/15/2007 21:00	493	13	339	845	41.7%
1/15/2007 22:00	407	25	316	748	45.6%
1/15/2007 23:00	248	17	285	550	54.9%
1/16/2007 0:00	132	9	225	366	63.9%
1/16/2007 1:00	65	17	171	253	74.3%
1/16/2007 2:00	64	22	167	253	74.7%
1/16/2007 3:00	52	13	161	226	77.0%
1/16/2007 4:00	76	13	199	288	73.6%
1/16/2007 5:00	265	15	209	489	45.8%
1/16/2007 6:00	722	24	247	993	27.3%
1/16/2007 7:00	1054	55	267	1376	23.4%
1/16/2007 8:00	936	64	329	1329	29.6%
1/16/2007 9:00	839	50	386	1275	34.2%
1/16/2007 10:00	732	70	451	1253	41.6%
1/16/2007 11:00	825	62	473	1360	39.3%
1/16/2007 12:00	905	57	478	1440	37.2%
1/16/2007 13:00	875	62	458	1395	37.3%
1/16/2007 14:00	1002	70	532	1604	37.5%
1/16/2007 15:00	1254	73	508	1835	31.7%
1/16/2007 16:00	1369	59	508	1936	29.3%
1/16/2007 17:00	1283	31	538	1852	30.7%
1/16/2007 18:00	945	46	461	1452	34.9%
1/16/2007 19:00	701	33	485	1219	42.5%
1/16/2007 20:00	592	22	471	1085	45.4%
1/16/2007 21:00	551	10	428	989	44.3%
1/16/2007 22:00	472	9	367	848	44.3%
1/16/2007 23:00	279	19	363	661	57.8%
1/17/2007 0:00	170	12	263	445	61.8%
1/17/2007 1:00	83	10	230	323	74.3%
1/17/2007 2:00	57	13	215	285	80.0%
1/17/2007 3:00	57	6	178	241	76.3%
1/17/2007 4:00	74	6	196	276	73.2%
1/17/2007 5:00	234	14	247	495	52.7%
1/17/2007 6:00	684	22	269	975	29.8%
1/17/2007 7:00	959	42	266	1267	24.3%
1/17/2007 8:00	1082	38	333	1453	25.5%
1/17/2007 9:00	810	41	431	1282	36.8%
1/17/2007 10:00	764	57	416	1237	38.2%
1/17/2007 11:00	881	63	484	1428	38.3%
1/17/2007 12:00	951	51	480	1482	35.8%
1/17/2007 13:00	932	40	514	1486	37.3%
1/17/2007 14:00	1031	66	520	1617	36.2%
1/17/2007 15:00	1287	64	498	1849	30.4%
1/17/2007 16:00	1249	50	535	1834	31.9%
1/17/2007 17:00	1379	48	497	1924	28.3%
1/17/2007 18:00	1026	28	551	1605	36.1%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
1/17/2007 19:00	709	20	422	1151	38.4%
1/17/2007 20:00	571	20	430	1021	44.1%
1/17/2007 21:00	547	22	400	969	43.6%
1/17/2007 22:00	422	14	386	822	48.7%
1/17/2007 23:00	272	20	369	661	58.9%
1/18/2007 0:00	173	9	256	438	60.5%
1/18/2007 1:00	89	10	235	334	73.4%
1/18/2007 2:00	68	11	199	278	75.5%
1/18/2007 3:00	43	12	176	231	81.4%
1/18/2007 4:00	79	14	195	288	72.6%
1/18/2007 5:00	232	16	220	468	50.4%
1/18/2007 6:00	703	30	226	959	26.7%
1/18/2007 7:00	1071	50	265	1386	22.7%
1/18/2007 8:00	1118	67	370	1555	28.1%
1/18/2007 9:00	842	71	352	1265	33.4%
1/18/2007 10:00	752	71	447	1270	40.8%
1/18/2007 11:00	921	69	473	1463	37.0%
1/18/2007 12:00	961	71	509	1541	37.6%
1/18/2007 13:00	999	80	481	1560	36.0%
1/18/2007 14:00	1041	88	524	1653	37.0%
1/18/2007 15:00	1393	84	489	1966	29.1%
1/18/2007 16:00	1486	68	462	2016	26.3%
1/18/2007 17:00	1350	38	496	1884	28.3%
1/18/2007 18:00	1068	27	511	1606	33.5%
1/18/2007 19:00	825	20	453	1298	36.4%
1/18/2007 20:00	649	11	394	1054	38.4%
1/18/2007 21:00	565	18	417	1000	43.5%
1/18/2007 22:00	452	12	366	830	45.5%
1/18/2007 23:00	297	9	284	590	49.7%
1/19/2007 0:00	167	11	226	404	58.7%
1/19/2007 1:00	93	12	217	322	71.1%
1/19/2007 2:00	86	10	218	314	72.6%
1/19/2007 3:00	68	14	167	249	72.7%
1/19/2007 4:00	80	6	184	270	70.4%
1/19/2007 5:00	237	14	231	482	50.8%
1/19/2007 6:00	712	26	266	1004	29.1%
1/19/2007 7:00	1046	62	278	1386	24.5%
1/19/2007 8:00	986	91	329	1406	29.9%
1/19/2007 9:00	871	87	352	1310	33.5%
1/19/2007 10:00	807	62	363	1232	34.5%
1/19/2007 11:00	1066	74	386	1526	30.1%
1/19/2007 12:00	1037	68	429	1534	32.4%
1/19/2007 13:00	1019	86	427	1532	33.5%
1/19/2007 14:00	1201	101	411	1713	29.9%
1/19/2007 15:00	1448	75	377	1900	23.8%
1/19/2007 16:00	1344	65	380	1789	24.9%
1/19/2007 17:00	1274	27	379	1680	24.2%
1/19/2007 18:00	937	35	296	1268	26.1%
1/19/2007 19:00	762	22	361	1145	33.4%
1/19/2007 20:00	581	17	267	865	32.8%
1/19/2007 21:00	561	20	322	903	37.9%
1/19/2007 22:00	498	19	318	835	40.4%
1/19/2007 23:00	372	18	239	629	40.9%
1/20/2007 0:00	243	8	172	423	42.6%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
1/20/2007 1:00	121	13	174	308	60.7%
1/20/2007 2:00	115	19	128	262	56.1%
1/20/2007 3:00	76	9	75	160	52.5%
1/20/2007 4:00	94	10	103	207	54.6%
1/20/2007 5:00	183	13	94	290	36.9%
1/20/2007 6:00	324	11	115	450	28.0%
1/20/2007 7:00	369	21	158	548	32.7%
1/20/2007 8:00	527	32	163	722	27.0%
1/20/2007 9:00	691	35	239	965	28.4%
1/20/2007 10:00	775	44	217	1036	25.2%
1/20/2007 11:00	986	42	223	1251	21.2%
1/20/2007 12:00	1072	38	215	1325	19.1%
1/20/2007 13:00	1056	40	250	1346	21.5%
1/20/2007 14:00	1094	29	210	1333	17.9%
1/20/2007 15:00	1157	22	205	1384	16.4%
1/20/2007 16:00	1053	20	194	1267	16.9%
1/20/2007 17:00	1028	20	184	1232	16.6%
1/20/2007 18:00	869	11	200	1080	19.5%
1/20/2007 19:00	771	10	161	942	18.2%
1/20/2007 20:00	565	11	162	738	23.4%
1/20/2007 21:00	458	4	149	611	25.0%
1/20/2007 22:00	322	8	73	403	20.1%
1/20/2007 23:00	145	3	44	192	24.5%
1/21/2007 0:00	96	4	28	128	25.0%
1/21/2007 1:00	56	0	29	85	34.1%
1/21/2007 2:00	49	1	27	77	36.4%
1/21/2007 3:00	42	0	13	55	23.6%
1/21/2007 4:00	32	0	13	45	28.9%
1/21/2007 5:00	41	1	26	68	39.7%
1/21/2007 6:00	123	1	31	155	20.6%
1/21/2007 7:00	126	4	50	180	30.0%
1/21/2007 8:00	210	4	90	304	30.9%
1/21/2007 9:00	311	5	86	402	22.6%
1/21/2007 10:00	406	8	97	511	20.5%
1/21/2007 11:00	476	8	111	595	20.0%
1/21/2007 12:00	494	10	147	651	24.1%
1/21/2007 13:00	533	13	146	692	23.0%
1/21/2007 14:00	534	12	162	708	24.6%
1/21/2007 15:00	567	12	151	730	22.3%
1/21/2007 16:00	489	10	204	703	30.4%
1/21/2007 17:00	442	10	175	627	29.5%
1/21/2007 18:00	412	14	148	574	28.2%
1/21/2007 19:00	306	9	175	490	37.6%
1/21/2007 20:00	301	6	139	446	32.5%
1/21/2007 21:00	230	2	157	389	40.9%
1/21/2007 22:00	188	6	128	322	41.6%
1/21/2007 23:00	115	4	108	227	49.3%
1/22/2007 0:00	50	4	88	142	64.8%
1/22/2007 1:00	35	15	69	119	70.6%
1/22/2007 2:00	26	6	71	103	74.8%
1/22/2007 3:00	24	10	86	120	80.0%
1/22/2007 4:00	47	11	97	155	69.7%
1/22/2007 5:00	170	11	152	333	48.9%
1/22/2007 6:00	456	22	155	633	28.0%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
1/22/2007 7:00	632	25	164	821	23.0%
1/22/2007 8:00	617	39	182	838	26.4%
1/22/2007 9:00	488	30	205	723	32.5%
1/22/2007 10:00	399	31	185	615	35.1%
1/22/2007 11:00	488	35	200	723	32.5%
1/22/2007 12:00	443	28	213	684	35.2%
1/22/2007 13:00	484	41	218	743	34.9%
1/22/2007 14:00	519	38	263	820	36.7%
1/22/2007 15:00	616	43	232	891	30.9%
1/22/2007 16:00	625	31	233	889	29.7%
1/22/2007 17:00	526	19	234	779	32.5%
1/22/2007 18:00	439	16	238	693	36.7%
1/22/2007 19:00	292	7	184	483	39.5%
1/22/2007 20:00	247	5	226	478	48.3%
1/22/2007 21:00	251	8	193	452	44.5%
1/22/2007 22:00	180	10	198	388	53.6%
1/22/2007 23:00	116	7	175	298	61.1%
1/23/2007 0:00	71	3	113	187	62.0%
1/23/2007 1:00	21	8	105	134	84.3%
1/23/2007 2:00	38	6	94	138	72.5%
1/23/2007 3:00	22	2	94	118	81.4%
1/23/2007 4:00	43	6	130	179	76.0%
1/23/2007 5:00	182	12	137	331	45.0%
1/23/2007 6:00	422	13	164	599	29.5%
1/23/2007 7:00	655	34	174	863	24.1%
1/23/2007 8:00	557	43	214	814	31.6%
1/23/2007 9:00	491	61	220	772	36.4%
1/23/2007 10:00	390	43	252	685	43.1%
1/23/2007 11:00	433	36	262	731	40.8%
1/23/2007 12:00				0	#DIV/0!
1/23/2007 13:00	427	30	268	725	41.1%
1/23/2007 14:00	1012	80	473	1565	35.3%
1/23/2007 15:00	1306	86	542	1934	32.5%
1/23/2007 16:00	1217	51	527	1795	32.2%
1/23/2007 17:00	1286	36	496	1818	29.3%
1/23/2007 18:00	916	37	458	1411	35.1%
1/23/2007 19:00	582	21	449	1052	44.7%
1/23/2007 20:00	541	17	428	986	45.1%
1/23/2007 21:00	577	28	394	999	42.2%
1/23/2007 22:00	390	16	374	780	50.0%
1/23/2007 23:00	248	15	305	568	56.3%
1/24/2007 0:00	135	15	271	421	67.9%
1/24/2007 1:00	77	12	211	300	74.3%
1/24/2007 2:00	45	15	180	240	81.3%
1/24/2007 3:00	46	13	202	261	82.4%
1/24/2007 4:00	78	7	209	294	73.5%
1/24/2007 5:00	234	11	254	499	53.1%
1/24/2007 6:00	692	25	290	1007	31.3%
1/24/2007 7:00	1130	46	325	1501	24.7%
1/24/2007 8:00	1037	72	390	1499	30.8%
1/24/2007 9:00	778	63	416	1257	38.1%
1/24/2007 10:00	824	73	467	1364	39.6%
1/24/2007 11:00	848	92	466	1406	39.7%
1/24/2007 12:00	925	71	504	1500	38.3%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
1/24/2007 13:00	906	73	516	1495	39.4%
1/24/2007 14:00	970	85	444	1499	35.3%
1/24/2007 15:00	1226	85	542	1853	33.8%
1/24/2007 16:00	1263	69	536	1868	32.4%
1/24/2007 17:00	1186	40	439	1665	28.8%
1/24/2007 18:00	942	29	474	1445	34.8%
1/24/2007 19:00	640	22	437	1099	41.8%
1/24/2007 20:00	582	15	437	1034	43.7%
1/24/2007 21:00	546	19	396	961	43.2%
1/24/2007 22:00	412	24	424	860	52.1%
1/24/2007 23:00	267	14	345	626	57.3%
1/25/2007 0:00	152	14	233	399	61.9%
1/25/2007 1:00	77	9	225	311	75.2%
1/25/2007 2:00	60	7	209	276	78.3%
1/25/2007 3:00	44	13	199	256	82.8%
1/25/2007 4:00	86	15	202	303	71.6%
1/25/2007 5:00	247	16	261	524	52.9%
1/25/2007 6:00	714	22	276	1012	29.4%
1/25/2007 7:00	1137	53	311	1501	24.3%
1/25/2007 8:00	971	81	379	1431	32.1%
1/25/2007 9:00	840	70	428	1338	37.2%
1/25/2007 10:00	740	66	461	1267	41.6%
1/25/2007 11:00	853	62	428	1343	36.5%
1/25/2007 12:00	965	82	510	1557	38.0%
1/25/2007 13:00	926	55	507	1488	37.8%
1/25/2007 14:00	1054	68	511	1633	35.5%
1/25/2007 15:00	1316	51	468	1835	28.3%
1/25/2007 16:00	1313	42	483	1838	28.6%
1/25/2007 17:00	1298	38	495	1831	29.1%
1/25/2007 18:00	1061	39	495	1595	33.5%
1/25/2007 19:00	742	28	515	1285	42.3%
1/25/2007 20:00	636	25	484	1145	44.5%
1/25/2007 21:00	563	12	402	977	42.4%
1/25/2007 22:00	495	15	312	822	39.8%
1/25/2007 23:00	305	14	324	643	52.6%
1/26/2007 0:00	169	12	226	407	58.5%
1/26/2007 1:00	99	8	224	331	70.1%
1/26/2007 2:00	87	8	208	303	71.3%
1/26/2007 3:00	70	8	192	270	74.1%
1/26/2007 4:00	84	11	184	279	69.9%
1/26/2007 5:00	243	23	245	511	52.4%
1/26/2007 6:00	727	22	276	1025	29.1%
1/26/2007 7:00	1032	57	286	1375	24.9%
1/26/2007 8:00	1071	71	342	1484	27.8%
1/26/2007 9:00	787	54	372	1213	35.1%
1/26/2007 10:00	700	57	331	1088	35.7%
1/26/2007 11:00	837	66	403	1306	35.9%
1/26/2007 12:00	878	56	454	1388	36.7%
1/26/2007 13:00	940	50	435	1425	34.0%
1/26/2007 14:00	1175	56	437	1668	29.6%
1/26/2007 15:00	1291	59	400	1750	26.2%
1/26/2007 16:00	1372	42	395	1809	24.2%
1/26/2007 17:00	1268	29	395	1692	25.1%
1/26/2007 18:00	995	25	382	1402	29.0%

Appendix A4

Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
1/26/2007 19:00	735	24	362	1121	34.4%
1/26/2007 20:00	565	24	293	882	35.9%
1/26/2007 21:00	558	15	269	842	33.7%
1/26/2007 22:00	455	18	256	729	37.6%
1/26/2007 23:00	404	10	223	637	36.6%
1/27/2007 0:00	239	10	176	425	43.8%
1/27/2007 1:00	118	11	167	296	60.1%
1/27/2007 2:00	95	5	106	206	53.9%
1/27/2007 3:00	84	9	104	197	57.4%
1/27/2007 4:00	89	9	112	210	57.6%
1/27/2007 5:00	173	9	112	294	41.2%
1/27/2007 6:00	285	10	97	392	27.3%
1/27/2007 7:00	357	18	141	516	30.8%
1/27/2007 8:00	530	27	182	739	28.3%
1/27/2007 9:00	666	21	218	905	26.4%
1/27/2007 10:00	802	29	242	1073	25.3%
1/27/2007 11:00	944	40	273	1257	24.9%
1/27/2007 12:00	1054	28	227	1309	19.5%
1/27/2007 13:00	1015	17	225	1257	19.3%
1/27/2007 14:00	1070	22	252	1344	20.4%
1/27/2007 15:00	1067	12	248	1327	19.6%
1/27/2007 16:00	1077	19	215	1311	17.8%
1/27/2007 17:00	980	14	216	1210	19.0%
1/27/2007 18:00	841	13	198	1052	20.1%
1/27/2007 19:00	644	9	195	848	24.1%
1/27/2007 20:00	499	12	148	659	24.3%
1/27/2007 21:00	454	11	136	601	24.5%
1/27/2007 22:00	461	19	116	596	22.7%
1/27/2007 23:00	406	8	104	518	21.6%
1/28/2007 0:00	211	5	67	283	25.4%
1/28/2007 1:00	162	0	69	231	29.9%
1/28/2007 2:00	129	1	44	174	25.9%
1/28/2007 3:00	75	3	49	127	40.9%
1/28/2007 4:00	58	2	36	96	39.6%
1/28/2007 5:00	96	6	41	143	32.9%
1/28/2007 6:00	189	3	48	240	21.3%
1/28/2007 7:00	184	7	68	259	29.0%
1/28/2007 8:00	379	7	108	494	23.3%
1/28/2007 9:00	521	15	128	664	21.5%
1/28/2007 10:00	794	11	177	982	19.1%
1/28/2007 11:00	824	9	187	1020	19.2%
1/28/2007 12:00	1048	23	196	1267	17.3%
1/28/2007 13:00	1130	18	205	1353	16.5%
1/28/2007 14:00	1145	25	208	1378	16.9%
1/28/2007 15:00	993	23	272	1288	22.9%
1/28/2007 16:00	981	28	231	1240	20.9%
1/28/2007 17:00	832	20	217	1069	22.2%
1/28/2007 18:00	796	24	241	1061	25.0%
1/28/2007 19:00	681	23	215	919	25.9%
1/28/2007 20:00	509	11	226	746	31.8%
1/28/2007 21:00	388	21	200	609	36.3%
1/28/2007 22:00	324	8	187	519	37.6%
1/28/2007 23:00	219	17	174	410	46.6%
1/29/2007 0:00	123	12	133	268	54.1%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
1/29/2007 1:00	68	12	111	191	64.4%
1/29/2007 2:00	39	8	113	160	75.6%
1/29/2007 3:00	48	12	121	181	73.5%
1/29/2007 4:00	110	11	143	264	58.3%
1/29/2007 5:00	259	26	209	494	47.6%
1/29/2007 6:00	705	34	231	970	27.3%
1/29/2007 7:00	1102	42	254	1398	21.2%
1/29/2007 8:00	1018	77	275	1370	25.7%
1/29/2007 9:00	862	49	376	1287	33.0%
1/29/2007 10:00	838	46	331	1215	31.0%
1/29/2007 11:00	910	59	373	1342	32.2%
1/29/2007 12:00	881	58	359	1298	32.1%
1/29/2007 13:00	874	38	373	1285	32.0%
1/29/2007 14:00	1008	60	435	1503	32.9%
1/29/2007 15:00	1319	62	417	1798	26.6%
1/29/2007 16:00	1221	39	459	1719	29.0%
1/29/2007 17:00	1346	33	472	1851	27.3%
1/29/2007 18:00	905	23	445	1373	34.1%
1/29/2007 19:00	696	20	417	1133	38.6%
1/29/2007 20:00	530	25	422	977	45.8%
1/29/2007 21:00	504	25	414	943	46.6%
1/29/2007 22:00	358	17	395	770	53.5%
1/29/2007 23:00	244	11	338	593	58.9%
1/30/2007 0:00	151	12	233	396	61.9%
1/30/2007 1:00	73	9	235	317	77.0%
1/30/2007 2:00	53	19	207	279	81.0%
1/30/2007 3:00	37	7	192	236	84.3%
1/30/2007 4:00	84	15	199	298	71.8%
1/30/2007 5:00	227	20	217	464	51.1%
1/30/2007 6:00	708	19	288	1015	30.2%
1/30/2007 7:00	1130	59	297	1486	24.0%
1/30/2007 8:00	888	69	332	1289	31.1%
1/30/2007 9:00	859	62	378	1299	33.9%
1/30/2007 10:00	815	62	451	1328	38.6%
1/30/2007 11:00	859	49	449	1357	36.7%
1/30/2007 12:00	797	51	496	1344	40.7%
1/30/2007 13:00	862	60	439	1361	36.7%
1/30/2007 14:00	960	51	515	1526	37.1%
1/30/2007 15:00	1264	74	437	1775	28.8%
1/30/2007 16:00	1245	77	511	1833	32.1%
1/30/2007 17:00	1129	45	427	1601	29.5%
1/30/2007 18:00	925	29	534	1488	37.8%
1/30/2007 19:00	648	24	435	1107	41.5%
1/30/2007 20:00	546	27	421	994	45.1%
1/30/2007 21:00	524	22	433	979	46.5%
1/30/2007 22:00	386	18	365	769	49.8%
1/30/2007 23:00	288	19	306	613	53.0%
1/31/2007 0:00	169	7	242	418	59.6%
1/31/2007 1:00	70	11	223	304	77.0%
1/31/2007 2:00	59	14	191	264	77.7%
1/31/2007 3:00	45	10	197	252	82.1%
1/31/2007 4:00	87	12	203	302	71.2%
1/31/2007 5:00	250	16	238	504	50.4%
1/31/2007 6:00	684	30	307	1021	33.0%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
1/31/2007 7:00	1069	50	306	1425	25.0%
1/31/2007 8:00	1063	65	381	1509	29.6%
1/31/2007 9:00	931	51	421	1403	33.6%
1/31/2007 10:00	860	65	508	1433	40.0%
1/31/2007 11:00	969	67	487	1523	36.4%
1/31/2007 12:00	1057	53	480	1590	33.5%
1/31/2007 13:00	997	63	522	1582	37.0%
1/31/2007 14:00	1093	55	444	1592	31.3%
1/31/2007 15:00	1235	76	548	1859	33.6%
1/31/2007 16:00	1292	60	510	1862	30.6%
1/31/2007 17:00	1288	32	461	1781	27.7%
1/31/2007 18:00	1026	25	448	1499	31.6%
1/31/2007 19:00	733	20	430	1183	38.0%
1/31/2007 20:00	595	10	470	1075	44.7%
1/31/2007 21:00	604	18	380	1002	39.7%
1/31/2007 22:00	434	20	407	861	49.6%
1/31/2007 23:00	295	14	345	654	54.9%
2/1/2007 0:00	160	10	234	404	60.4%
2/1/2007 1:00	75	10	243	328	77.1%
2/1/2007 2:00	82	15	200	297	72.4%
2/1/2007 3:00	54	13	220	287	81.2%
2/1/2007 4:00	83	11	219	313	73.5%
2/1/2007 5:00	256	20	283	559	54.2%
2/1/2007 6:00	674	33	265	972	30.7%
2/1/2007 7:00	1116	57	303	1476	24.4%
2/1/2007 8:00	988	56	389	1433	31.1%
2/1/2007 9:00	827	59	391	1277	35.2%
2/1/2007 10:00	786	66	448	1300	39.5%
2/1/2007 11:00	851	60	499	1410	39.6%
2/1/2007 12:00	921	57	533	1511	39.0%
2/1/2007 13:00	926	42	499	1467	36.9%
2/1/2007 14:00	1056	56	481	1593	33.7%
2/1/2007 15:00	1245	65	484	1794	30.6%
2/1/2007 16:00	1291	84	476	1851	30.3%
2/1/2007 17:00	1280	38	439	1757	27.1%
2/1/2007 18:00	983	29	459	1471	33.2%
2/1/2007 19:00	690	20	444	1154	40.2%
2/1/2007 20:00	648	23	424	1095	40.8%
2/1/2007 21:00	636	20	424	1080	41.1%
2/1/2007 22:00	453	12	324	789	42.6%
2/1/2007 23:00	272	15	322	609	55.3%
2/2/2007 0:00	178	15	255	448	60.3%
2/2/2007 1:00	97	8	224	329	70.5%
2/2/2007 2:00	66	14	178	258	74.4%
2/2/2007 3:00	76	10	210	296	74.3%
2/2/2007 4:00	74	13	209	296	75.0%
2/2/2007 5:00	249	13	257	519	52.0%
2/2/2007 6:00	693	41	260	994	30.3%
2/2/2007 7:00	1021	51	239	1311	22.1%
2/2/2007 8:00	1008	57	304	1369	26.4%
2/2/2007 9:00	775	61	390	1226	36.8%
2/2/2007 10:00	798	81	360	1239	35.6%
2/2/2007 11:00	914	66	400	1380	33.8%
2/2/2007 12:00	1093	64	410	1567	30.2%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
2/2/2007 13:00	991	50	412	1453	31.8%
2/2/2007 14:00	1163	54	393	1610	27.8%
2/2/2007 15:00	1466	62	378	1906	23.1%
2/2/2007 16:00	1395	52	394	1841	24.2%
2/2/2007 17:00	1321	46	379	1746	24.3%
2/2/2007 18:00	1075	33	375	1483	27.5%
2/2/2007 19:00	746	21	304	1071	30.3%
2/2/2007 20:00	659	24	339	1022	35.5%
2/2/2007 21:00	588	23	340	951	38.2%
2/2/2007 22:00	483	18	303	804	39.9%
2/2/2007 23:00	441	14	232	687	35.8%
2/3/2007 0:00	234	13	188	435	46.2%
2/3/2007 1:00	131	6	153	290	54.8%
2/3/2007 2:00	95	9	130	234	59.4%
2/3/2007 3:00	77	9	114	200	61.5%
2/3/2007 4:00	78	5	88	171	54.4%
2/3/2007 5:00	170	12	91	273	37.7%
2/3/2007 6:00	291	14	88	393	26.0%
2/3/2007 7:00	380	40	157	577	34.1%
2/3/2007 8:00	557	25	183	765	27.2%
2/3/2007 9:00	675	33	219	927	27.2%
2/3/2007 10:00	858	25	166	1049	18.2%
2/3/2007 11:00	1022	31	243	1296	21.1%
2/3/2007 12:00	1073	30	232	1335	19.6%
2/3/2007 13:00	1043	17	230	1290	19.1%
2/3/2007 14:00	996	25	214	1235	19.4%
2/3/2007 15:00	929	35	227	1191	22.0%
2/3/2007 16:00	947	29	203	1179	19.7%
2/3/2007 17:00	891	14	200	1105	19.4%
2/3/2007 18:00	861	22	171	1054	18.3%
2/3/2007 19:00	574	10	178	762	24.7%
2/3/2007 20:00	459	10	173	642	28.5%
2/3/2007 21:00	424	9	129	562	24.6%
2/3/2007 22:00	367	11	102	480	23.5%
2/3/2007 23:00	322	8	99	429	24.9%
2/4/2007 0:00	228	4	65	297	23.2%
2/4/2007 1:00	136	3	44	183	25.7%
2/4/2007 2:00	93	0	57	150	38.0%
2/4/2007 3:00	77	2	42	121	36.4%
2/4/2007 4:00	56	4	41	101	44.6%
2/4/2007 5:00	84	2	47	133	36.8%
2/4/2007 6:00	169	4	59	232	27.2%
2/4/2007 7:00	173	5	57	235	26.4%
2/4/2007 8:00	351	2	112	465	24.5%
2/4/2007 9:00	509	8	155	672	24.3%
2/4/2007 10:00	741	10	170	921	19.5%
2/4/2007 11:00	610	13	186	809	24.6%
2/4/2007 12:00	774	23	164	961	19.5%
2/4/2007 13:00	732	14	214	960	23.8%
2/4/2007 14:00	766	26	237	1029	25.6%
2/4/2007 15:00	733	49	228	1010	27.4%
2/4/2007 16:00	691	36	235	962	28.2%
2/4/2007 17:00	740	23	237	1000	26.0%
2/4/2007 18:00	605	23	229	857	29.4%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
2/4/2007 19:00	473	16	271	760	37.8%
2/4/2007 20:00	430	8	220	658	34.7%
2/4/2007 21:00	363	6	197	566	35.9%
2/4/2007 22:00	471	22	210	703	33.0%
2/4/2007 23:00	257	15	141	413	37.8%
2/5/2007 0:00	130	7	126	263	50.6%
2/5/2007 1:00	76	8	140	224	66.1%
2/5/2007 2:00	54	9	112	175	69.1%
2/5/2007 3:00	45	10	135	190	76.3%
2/5/2007 4:00	88	19	144	251	64.9%
2/5/2007 5:00	263	16	180	459	42.7%
2/5/2007 6:00	667	23	205	895	25.5%
2/5/2007 7:00	1086	45	226	1357	20.0%
2/5/2007 8:00	1027	64	278	1369	25.0%
2/5/2007 9:00	815	51	286	1152	29.3%
2/5/2007 10:00	806	62	291	1159	30.5%
2/5/2007 11:00	830	65	334	1229	32.5%
2/5/2007 12:00	856	48	362	1266	32.4%
2/5/2007 13:00	852	41	365	1258	32.3%
2/5/2007 14:00	1001	57	407	1465	31.7%
2/5/2007 15:00	1195	58	431	1684	29.0%
2/5/2007 16:00	1252	63	459	1774	29.4%
2/5/2007 17:00	1274	31	436	1741	26.8%
2/5/2007 18:00	912	25	443	1380	33.9%
2/5/2007 19:00	657	25	433	1115	41.1%
2/5/2007 20:00	519	22	418	959	45.9%
2/5/2007 21:00	471	20	390	881	46.5%
2/5/2007 22:00	346	13	434	793	56.4%
2/5/2007 23:00	241	16	327	584	58.7%
2/6/2007 0:00	142	13	239	394	64.0%
2/6/2007 1:00	62	9	230	301	79.4%
2/6/2007 2:00	56	15	228	299	81.3%
2/6/2007 3:00	53	15	192	260	79.6%
2/6/2007 4:00	82	9	221	312	73.7%
2/6/2007 5:00	249	20	233	502	50.4%
2/6/2007 6:00	704	26	248	978	28.0%
2/6/2007 7:00	1109	69	284	1462	24.1%
2/6/2007 8:00	1007	52	391	1450	30.6%
2/6/2007 9:00	794	56	412	1262	37.1%
2/6/2007 10:00	709	49	445	1203	41.1%
2/6/2007 11:00	812	65	429	1306	37.8%
2/6/2007 12:00	852	41	480	1373	37.9%
2/6/2007 13:00	838	64	474	1376	39.1%
2/6/2007 14:00	977	63	494	1534	36.3%
2/6/2007 15:00	1167	79	503	1749	33.3%
2/6/2007 16:00	1230	58	512	1800	31.7%
2/6/2007 17:00	1224	42	460	1726	29.1%
2/6/2007 18:00	957	25	419	1401	31.7%
2/6/2007 19:00	626	19	391	1036	39.6%
2/6/2007 20:00	538	5	297	840	36.0%
2/6/2007 21:00	496	15	321	832	40.4%
2/6/2007 22:00	378	26	324	728	48.1%
2/6/2007 23:00	295	19	319	633	53.4%
2/7/2007 0:00	130	10	298	438	70.3%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
2/7/2007 1:00	69	14	224	307	77.5%
2/7/2007 2:00	49	10	223	282	82.6%
2/7/2007 3:00	42	11	195	248	83.1%
2/7/2007 4:00	92	17	194	303	69.6%
2/7/2007 5:00	263	25	266	554	52.5%
2/7/2007 6:00	670	32	318	1020	34.3%
2/7/2007 7:00	1067	51	299	1417	24.7%
2/7/2007 8:00	1011	75	356	1442	29.9%
2/7/2007 9:00	821	49	433	1303	37.0%
2/7/2007 10:00	774	49	434	1257	38.4%
2/7/2007 11:00	872	54	542	1468	40.6%
2/7/2007 12:00	849	50	531	1430	40.6%
2/7/2007 13:00	860	73	538	1471	41.5%
2/7/2007 14:00	887	69	527	1483	40.2%
2/7/2007 15:00	1169	62	525	1756	33.4%
2/7/2007 16:00	1178	54	544	1776	33.7%
2/7/2007 17:00	1274	49	523	1846	31.0%
2/7/2007 18:00	999	18	508	1525	34.5%
2/7/2007 19:00	787	34	522	1343	41.4%
2/7/2007 20:00	606	22	484	1112	45.5%
2/7/2007 21:00	599	17	452	1068	43.9%
2/7/2007 22:00	384	20	366	770	50.1%
2/7/2007 23:00	267	15	329	611	56.3%
2/8/2007 0:00	128	13	233	374	65.8%
2/8/2007 1:00	80	14	253	347	76.9%
2/8/2007 2:00	56	17	211	284	80.3%
2/8/2007 3:00	43	15	224	282	84.8%
2/8/2007 4:00	78	17	196	291	73.2%
2/8/2007 5:00	242	14	242	498	51.4%
2/8/2007 6:00	693	31	309	1033	32.9%
2/8/2007 7:00	1070	41	298	1409	24.1%
2/8/2007 8:00	1084	60	379	1523	28.8%
2/8/2007 9:00	813	57	419	1289	36.9%
2/8/2007 10:00	723	69	447	1239	41.6%
2/8/2007 11:00	805	54	460	1319	39.0%
2/8/2007 12:00	911	63	490	1464	37.8%
2/8/2007 13:00				0	#DIV/0!
2/8/2007 14:00	1071	60	470	1601	33.1%
2/8/2007 15:00	1287	98	461	1846	30.3%
2/8/2007 16:00	1316	63	444	1823	27.8%
2/8/2007 17:00	1287	33	541	1861	30.8%
2/8/2007 18:00	1082	38	445	1565	30.9%
2/8/2007 19:00	777	30	492	1299	40.2%
2/8/2007 20:00	589	19	416	1024	42.5%
2/8/2007 21:00	571	21	355	947	39.7%
2/8/2007 22:00	460	25	345	830	44.6%
2/8/2007 23:00	265	16	347	628	57.8%
2/9/2007 0:00	170	10	228	408	58.3%
2/9/2007 1:00	96	8	215	319	69.9%
2/9/2007 2:00	79	16	233	328	75.9%
2/9/2007 3:00	72	10	205	287	74.9%
2/9/2007 4:00	98	17	205	320	69.4%
2/9/2007 5:00	261	19	236	516	49.4%
2/9/2007 6:00	666	33	270	969	31.3%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
2/9/2007 7:00	981	46	280	1307	24.9%
2/9/2007 8:00	977	47	342	1366	28.5%
2/9/2007 9:00	796	55	336	1187	32.9%
2/9/2007 10:00	790	64	400	1254	37.0%
2/9/2007 11:00	904	52	432	1388	34.9%
2/9/2007 12:00	988	60	437	1485	33.5%
2/9/2007 13:00	969	59	444	1472	34.2%
2/9/2007 14:00	1216	62	488	1766	31.1%
2/9/2007 15:00	1411	57	354	1822	22.6%
2/9/2007 16:00	1431	53	359	1843	22.4%
2/9/2007 17:00	1271	48	420	1739	26.9%
2/9/2007 18:00	980	25	358	1363	28.1%
2/9/2007 19:00	869	26	348	1243	30.1%
2/9/2007 20:00	687	15	332	1034	33.6%
2/9/2007 21:00	592	22	274	888	33.3%
2/9/2007 22:00	457	15	313	785	41.8%
2/9/2007 23:00	381	8	245	634	39.9%
2/10/2007 0:00	239	9	176	424	43.6%
2/10/2007 1:00	151	4	160	315	52.1%
2/10/2007 2:00	102	6	136	244	58.2%
2/10/2007 3:00	85	8	127	220	61.4%
2/10/2007 4:00	82	11	108	201	59.2%
2/10/2007 5:00	173	9	118	300	42.3%
2/10/2007 6:00	306	12	137	455	32.7%
2/10/2007 7:00	399	19	163	581	31.3%
2/10/2007 8:00	579	14	173	766	24.4%
2/10/2007 9:00	682	22	220	924	26.2%
2/10/2007 10:00	820	18	261	1099	25.4%
2/10/2007 11:00	1035	30	255	1320	21.6%
2/10/2007 12:00	1127	29	282	1438	21.6%
2/10/2007 13:00	1046	19	258	1323	20.9%
2/10/2007 14:00	1075	16	211	1302	17.4%
2/10/2007 15:00	1155	18	234	1407	17.9%
2/10/2007 16:00	1096	24	282	1402	21.8%
2/10/2007 17:00	946	28	219	1193	20.7%
2/10/2007 18:00	896	20	223	1139	21.3%
2/10/2007 19:00	673	6	197	876	23.2%
2/10/2007 20:00	515	10	206	731	29.5%
2/10/2007 21:00	447	10	160	617	27.6%
2/10/2007 22:00	429	12	145	586	26.8%
2/10/2007 23:00	335	3	114	452	25.9%
2/11/2007 0:00	232	3	85	320	27.5%
2/11/2007 1:00	175	0	78	253	30.8%
2/11/2007 2:00	143	4	57	204	29.9%
2/11/2007 3:00	81	6	49	136	40.4%
2/11/2007 4:00	70	2	37	109	35.8%
2/11/2007 5:00	109	5	46	160	31.9%
2/11/2007 6:00	184	5	77	266	30.8%
2/11/2007 7:00	162	5	79	246	34.1%
2/11/2007 8:00	354	8	125	487	27.3%
2/11/2007 9:00	570	7	143	720	20.8%
2/11/2007 10:00	837	10	190	1037	19.3%
2/11/2007 11:00	898	17	185	1100	18.4%
2/11/2007 12:00	1115	17	223	1355	17.7%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
2/11/2007 13:00	991	11	215	1217	18.6%
2/11/2007 14:00	1114	21	210	1345	17.2%
2/11/2007 15:00	1095	11	246	1352	19.0%
2/11/2007 16:00	994	26	267	1287	22.8%
2/11/2007 17:00	1019	19	234	1272	19.9%
2/11/2007 18:00	865	17	246	1128	23.3%
2/11/2007 19:00	675	10	275	960	29.7%
2/11/2007 20:00	604	12	227	843	28.4%
2/11/2007 21:00	508	12	198	718	29.2%
2/11/2007 22:00	386	12	215	613	37.0%
2/11/2007 23:00	225	13	176	414	45.7%
2/12/2007 0:00	119	11	142	272	56.3%
2/12/2007 1:00	74	8	136	218	66.1%
2/12/2007 2:00	61	3	125	189	67.7%
2/12/2007 3:00	51	9	140	200	74.5%
2/12/2007 4:00	77	16	158	251	69.3%
2/12/2007 5:00	256	21	187	464	44.8%
2/12/2007 6:00	709	27	220	956	25.8%
2/12/2007 7:00	1081	66	245	1392	22.3%
2/12/2007 8:00	1002	46	283	1331	24.7%
2/12/2007 9:00	785	43	332	1160	32.3%
2/12/2007 10:00	720	55	328	1103	34.7%
2/12/2007 11:00	841	50	356	1247	32.6%
2/12/2007 12:00	897	41	426	1364	34.2%
2/12/2007 13:00	768	50	431	1249	38.5%
2/12/2007 14:00	917	67	481	1465	37.4%
2/12/2007 15:00	1197	61	433	1691	29.2%
2/12/2007 16:00	1257	61	447	1765	28.8%
2/12/2007 17:00	1210	38	498	1746	30.7%
2/12/2007 18:00	945	24	469	1438	34.3%
2/12/2007 19:00	697	28	494	1219	42.8%
2/12/2007 20:00	578	20	451	1049	44.9%
2/12/2007 21:00	508	14	407	929	45.3%
2/12/2007 22:00	340	16	390	746	54.4%
2/12/2007 23:00	283	9	365	657	56.9%
2/13/2007 0:00	139	8	286	433	67.9%
2/13/2007 1:00	76	9	237	322	76.4%
2/13/2007 2:00	57	15	229	301	81.1%
2/13/2007 3:00	52	9	199	260	80.0%
2/13/2007 4:00	71	13	195	279	74.6%
2/13/2007 5:00	271	24	243	538	49.6%
2/13/2007 6:00	730	25	295	1050	30.5%
2/13/2007 7:00	1082	41	305	1428	24.2%
2/13/2007 8:00	990	50	365	1405	29.5%
2/13/2007 9:00	762	55	395	1212	37.1%
2/13/2007 10:00	674	62	387	1123	40.0%
2/13/2007 11:00	743	54	480	1277	41.8%
2/13/2007 12:00	790	47	465	1302	39.3%
2/13/2007 13:00	743	35	484	1262	41.1%
2/13/2007 14:00	894	62	480	1436	37.7%
2/13/2007 15:00	1171	69	418	1658	29.4%
2/13/2007 16:00	1064	42	413	1519	30.0%
2/13/2007 17:00	987	45	353	1385	28.7%
2/13/2007 18:00	640	25	379	1044	38.7%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
2/13/2007 19:00	404	30	378	812	50.2%
2/13/2007 20:00	301	30	389	720	58.2%
2/13/2007 21:00	288	17	267	572	49.7%
2/13/2007 22:00	236	34	285	555	57.5%
2/13/2007 23:00	200	13	212	425	52.9%
2/14/2007 0:00	114	14	250	378	69.8%
2/14/2007 1:00	61	10	214	285	78.6%
2/14/2007 2:00	51	19	156	226	77.4%
2/14/2007 3:00	35	8	104	147	76.2%
2/14/2007 4:00	69	14	125	208	66.8%
2/14/2007 5:00	202	9	144	355	43.1%
2/14/2007 6:00	483	16	172	671	28.0%
2/14/2007 7:00	712	23	232	967	26.4%
2/14/2007 8:00	628	34	251	913	31.2%
2/14/2007 9:00	529	35	334	898	41.1%
2/14/2007 10:00	491	38	334	863	43.1%
2/14/2007 11:00	497	50	474	1021	51.3%
2/14/2007 12:00	529	45	443	1017	48.0%
2/14/2007 13:00	598	60	503	1161	48.5%
2/14/2007 14:00	712	51	489	1252	43.1%
2/14/2007 15:00	886	62	476	1424	37.8%
2/14/2007 16:00	1002	56	461	1519	34.0%
2/14/2007 17:00	895	36	519	1450	38.3%
2/14/2007 18:00	820	37	535	1392	41.1%
2/14/2007 19:00	545	20	491	1056	48.4%
2/14/2007 20:00	431	28	505	964	55.3%
2/14/2007 21:00	424	12	397	833	49.1%
2/14/2007 22:00	322	28	399	749	57.0%
2/14/2007 23:00	300	12	323	635	52.8%
2/15/2007 0:00	157	9	249	415	62.2%
2/15/2007 1:00	87	8	217	312	72.1%
2/15/2007 2:00	61	8	179	248	75.4%
2/15/2007 3:00	59	11	181	251	76.5%
2/15/2007 4:00	89	30	200	319	72.1%
2/15/2007 5:00	261	22	233	516	49.4%
2/15/2007 6:00	763	28	286	1077	29.2%
2/15/2007 7:00	1090	38	313	1441	24.4%
2/15/2007 8:00	1020	83	359	1462	30.2%
2/15/2007 9:00	816	65	402	1283	36.4%
2/15/2007 10:00	753	52	429	1234	39.0%
2/15/2007 11:00	845	65	410	1320	36.0%
2/15/2007 12:00	939	75	514	1528	38.5%
2/15/2007 13:00	900	77	563	1540	41.6%
2/15/2007 14:00	1054	87	542	1683	37.4%
2/15/2007 15:00	1311	71	524	1906	31.2%
2/15/2007 16:00	1336	56	515	1907	29.9%
2/15/2007 17:00	1268	39	465	1772	28.4%
2/15/2007 18:00	970	40	530	1540	37.0%
2/15/2007 19:00	754	28	522	1304	42.2%
2/15/2007 20:00	640	12	420	1072	40.3%
2/15/2007 21:00	547	30	403	980	44.2%
2/15/2007 22:00	461	24	375	860	46.4%
2/15/2007 23:00	328	23	322	673	51.3%
2/16/2007 0:00	170	16	261	447	62.0%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
2/16/2007 1:00	93	12	235	340	72.6%
2/16/2007 2:00	80	11	200	291	72.5%
2/16/2007 3:00	81	21	207	309	73.8%
2/16/2007 4:00	83	13	202	298	72.1%
2/16/2007 5:00	251	15	203	469	46.5%
2/16/2007 6:00	701	24	250	975	28.1%
2/16/2007 7:00	1064	46	308	1418	25.0%
2/16/2007 8:00	1064	81	396	1541	31.0%
2/16/2007 9:00	917	62	393	1372	33.2%
2/16/2007 10:00	823	67	416	1306	37.0%
2/16/2007 11:00	939	46	421	1406	33.2%
2/16/2007 12:00	1003	64	425	1492	32.8%
2/16/2007 13:00	994	67	465	1526	34.9%
2/16/2007 14:00	1189	59	402	1650	27.9%
2/16/2007 15:00	1392	72	374	1838	24.3%
2/16/2007 16:00	1338	64	421	1823	26.6%
2/16/2007 17:00	1327	38	417	1782	25.5%
2/16/2007 18:00	1108	27	347	1482	25.2%
2/16/2007 19:00	847	24	352	1223	30.7%
2/16/2007 20:00	696	23	314	1033	32.6%
2/16/2007 21:00	655	19	308	982	33.3%
2/16/2007 22:00	517	18	304	839	38.4%
2/16/2007 23:00	397	11	256	664	40.2%
2/17/2007 0:00	259	10	178	447	42.1%
2/17/2007 1:00	152	10	167	329	53.8%
2/17/2007 2:00	120	12	146	278	56.8%
2/17/2007 3:00	86	8	129	223	61.4%
2/17/2007 4:00	89	9	107	205	56.6%
2/17/2007 5:00	175	19	119	313	44.1%
2/17/2007 6:00	328	26	124	478	31.4%
2/17/2007 7:00	442	13	165	620	28.7%
2/17/2007 8:00	582	13	185	780	25.4%
2/17/2007 9:00	702	27	253	982	28.5%
2/17/2007 10:00	863	21	275	1159	25.5%
2/17/2007 11:00	1002	34	248	1284	22.0%
2/17/2007 12:00	1059	30	263	1352	21.7%
2/17/2007 13:00	1047	23	216	1286	18.6%
2/17/2007 14:00	1082	14	194	1290	16.1%
2/17/2007 15:00	1068	19	215	1302	18.0%
2/17/2007 16:00	1098	17	252	1367	19.7%
2/17/2007 17:00	871	16	220	1107	21.3%
2/17/2007 18:00	911	14	200	1125	19.0%
2/17/2007 19:00	626	20	177	823	23.9%
2/17/2007 20:00	497	13	177	687	27.7%
2/17/2007 21:00	481	10	156	647	25.7%
2/17/2007 22:00	479	10	133	622	23.0%
2/17/2007 23:00	397	6	85	488	18.6%
2/18/2007 0:00	262	8	77	347	24.5%
2/18/2007 1:00	147	4	57	208	29.3%
2/18/2007 2:00	125	0	48	173	27.7%
2/18/2007 3:00	87	2	39	128	32.0%
2/18/2007 4:00	53	3	30	86	38.4%
2/18/2007 5:00	96	13	48	157	38.9%
2/18/2007 6:00	193	16	58	267	27.7%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
2/18/2007 7:00	228	7	91	326	30.1%
2/18/2007 8:00	339	8	151	498	31.9%
2/18/2007 9:00	556	20	158	734	24.3%
2/18/2007 10:00	867	18	183	1068	18.8%
2/18/2007 11:00	936	12	205	1153	18.8%
2/18/2007 12:00	1132	11	240	1383	18.1%
2/18/2007 13:00	1092	25	211	1328	17.8%
2/18/2007 14:00	1095	25	260	1380	20.7%
2/18/2007 15:00	1149	30	267	1446	20.5%
2/18/2007 16:00	1000	27	233	1260	20.6%
2/18/2007 17:00	935	29	321	1285	27.2%
2/18/2007 18:00	785	23	282	1090	28.0%
2/18/2007 19:00	715	19	255	989	27.7%
2/18/2007 20:00	561	9	242	812	30.9%
2/18/2007 21:00	442	13	204	659	32.9%
2/18/2007 22:00	362	15	188	565	35.9%
2/18/2007 23:00	234	11	173	418	44.0%
2/19/2007 0:00	111	8	142	261	57.5%
2/19/2007 1:00	71	9	133	213	66.7%
2/19/2007 2:00	61	14	107	182	66.5%
2/19/2007 3:00	46	16	141	203	77.3%
2/19/2007 4:00	91	14	162	267	65.9%
2/19/2007 5:00	263	15	199	477	44.9%
2/19/2007 6:00	727	22	223	972	25.2%
2/19/2007 7:00	1112	49	274	1435	22.5%
2/19/2007 8:00	998	55	260	1313	24.0%
2/19/2007 9:00	802	50	363	1215	34.0%
2/19/2007 10:00	781	46	316	1143	31.7%
2/19/2007 11:00	931	68	371	1370	32.0%
2/19/2007 12:00	939	71	414	1424	34.1%
2/19/2007 13:00	943	56	409	1408	33.0%
2/19/2007 14:00	1062	68	456	1586	33.0%
2/19/2007 15:00	1344	79	436	1859	27.7%
2/19/2007 16:00	1427	50	473	1950	26.8%
2/19/2007 17:00	1284	34	431	1749	26.6%
2/19/2007 18:00	954	26	427	1407	32.2%
2/19/2007 19:00	742	29	450	1221	39.2%
2/19/2007 20:00	568	27	440	1035	45.1%
2/19/2007 21:00	529	15	395	939	43.7%
2/19/2007 22:00	331	26	455	812	59.2%
2/19/2007 23:00	275	20	355	650	57.7%
2/20/2007 0:00	154	16	276	446	65.5%
2/20/2007 1:00	73	13	254	340	78.5%
2/20/2007 2:00	44	14	175	233	81.1%
2/20/2007 3:00	55	9	170	234	76.5%
2/20/2007 4:00	73	14	206	293	75.1%
2/20/2007 5:00	237	13	258	508	53.3%
2/20/2007 6:00	744	25	271	1040	28.5%
2/20/2007 7:00	1103	53	339	1495	26.2%
2/20/2007 8:00	1054	76	395	1525	30.9%
2/20/2007 9:00	797	53	435	1285	38.0%
2/20/2007 10:00	736	48	414	1198	38.6%
2/20/2007 11:00	833	55	539	1427	41.6%
2/20/2007 12:00	895	47	471	1413	36.7%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
2/20/2007 13:00	928	63	489	1480	37.3%
2/20/2007 14:00	991	65	518	1574	37.0%
2/20/2007 15:00	1277	72	485	1834	30.4%
2/20/2007 16:00	1325	49	555	1929	31.3%
2/20/2007 17:00	1275	41	469	1785	28.6%
2/20/2007 18:00	986	30	486	1502	34.4%
2/20/2007 19:00	710	25	458	1193	40.5%
2/20/2007 20:00	633	20	474	1127	43.8%
2/20/2007 21:00	544	24	426	994	45.3%
2/20/2007 22:00	400	20	399	819	51.2%
2/20/2007 23:00	271	25	338	634	57.3%
2/21/2007 0:00	156	11	243	410	62.0%
2/21/2007 1:00	75	15	280	370	79.7%
2/21/2007 2:00	52	7	196	255	79.6%
2/21/2007 3:00	44	5	194	243	81.9%
2/21/2007 4:00	96	13	203	312	69.2%
2/21/2007 5:00	251	23	246	520	51.7%
2/21/2007 6:00	689	27	293	1009	31.7%
2/21/2007 7:00	1030	46	306	1382	25.5%
2/21/2007 8:00	1013	58	377	1448	30.0%
2/21/2007 9:00	826	59	438	1323	37.6%
2/21/2007 10:00	768	70	488	1326	42.1%
2/21/2007 11:00	886	83	470	1439	38.4%
2/21/2007 12:00	911	65	514	1490	38.9%
2/21/2007 13:00	890	75	539	1504	40.8%
2/21/2007 14:00	1045	87	544	1676	37.6%
2/21/2007 15:00	1323	84	510	1917	31.0%
2/21/2007 16:00	1268	74	531	1873	32.3%
2/21/2007 17:00	1359	28	453	1840	26.1%
2/21/2007 18:00	1068	34	493	1595	33.0%
2/21/2007 19:00	680	33	450	1163	41.5%
2/21/2007 20:00	701	19	511	1231	43.1%
2/21/2007 21:00	622	21	429	1072	42.0%
2/21/2007 22:00	413	31	452	896	53.9%
2/21/2007 23:00	284	14	343	641	55.7%
2/22/2007 0:00	161	11	256	428	62.4%
2/22/2007 1:00	102	10	237	349	70.8%
2/22/2007 2:00	61	9	186	256	76.2%
2/22/2007 3:00	57	15	193	265	78.5%
2/22/2007 4:00	78	13	218	309	74.8%
2/22/2007 5:00	254	21	253	528	51.9%
2/22/2007 6:00	703	29	298	1030	31.7%
2/22/2007 7:00	1103	66	302	1471	25.0%
2/22/2007 8:00	1016	80	407	1503	32.4%
2/22/2007 9:00	849	75	413	1337	36.5%
2/22/2007 10:00	783	77	431	1291	39.3%
2/22/2007 11:00	880	96	467	1443	39.0%
2/22/2007 12:00	962	69	486	1517	36.6%
2/22/2007 13:00	894	63	481	1438	37.8%
2/22/2007 14:00	1048	78	518	1644	36.3%
2/22/2007 15:00	1272	75	456	1803	29.5%
2/22/2007 16:00	1314	66	462	1842	28.7%
2/22/2007 17:00	1286	44	476	1806	28.8%
2/22/2007 18:00	1045	30	466	1541	32.2%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
2/22/2007 19:00	808	26	429	1263	36.0%
2/22/2007 20:00	634	21	384	1039	39.0%
2/22/2007 21:00	655	12	448	1115	41.3%
2/22/2007 22:00	471	19	450	940	49.9%
2/22/2007 23:00	293	19	316	628	53.3%
2/23/2007 0:00	198	19	301	518	61.8%
2/23/2007 1:00	118	16	237	371	68.2%
2/23/2007 2:00	91	14	221	326	72.1%
2/23/2007 3:00	67	14	165	246	72.8%
2/23/2007 4:00	87	11	181	279	68.8%
2/23/2007 5:00	291	24	269	584	50.2%
2/23/2007 6:00	713	29	342	1084	34.2%
2/23/2007 7:00	1029	69	315	1413	27.2%
2/23/2007 8:00	1000	73	383	1456	31.3%
2/23/2007 9:00	885	81	439	1405	37.0%
2/23/2007 10:00	878	71	399	1348	34.9%
2/23/2007 11:00	964	68	384	1416	31.9%
2/23/2007 12:00	1156	67	440	1663	30.5%
2/23/2007 13:00	1057	77	423	1557	32.1%
2/23/2007 14:00	1316	84	462	1862	29.3%
2/23/2007 15:00	1455	85	377	1917	24.1%
2/23/2007 16:00	1428	59	396	1883	24.2%
2/23/2007 17:00	1429	44	383	1856	23.0%
2/23/2007 18:00	1156	35	400	1591	27.3%
2/23/2007 19:00	916	28	388	1332	31.2%
2/23/2007 20:00	679	20	366	1065	36.2%
2/23/2007 21:00	621	16	302	939	33.9%
2/23/2007 22:00	593	14	284	891	33.4%
2/23/2007 23:00	473	16	240	729	35.1%
2/24/2007 0:00	247	9	193	449	45.0%
2/24/2007 1:00	178	8	177	363	51.0%
2/24/2007 2:00	136	8	133	277	50.9%
2/24/2007 3:00	75	8	115	198	62.1%
2/24/2007 4:00	94	8	117	219	57.1%
2/24/2007 5:00	198	13	115	326	39.3%
2/24/2007 6:00	366	19	143	528	30.7%
2/24/2007 7:00	432	16	166	614	29.6%
2/24/2007 8:00	627	19	190	836	25.0%
2/24/2007 9:00	739	23	225	987	25.1%
2/24/2007 10:00	905	35	291	1231	26.5%
2/24/2007 11:00	1109	35	260	1404	21.0%
2/24/2007 12:00	1249	21	249	1519	17.8%
2/24/2007 13:00	1166	22	281	1469	20.6%
2/24/2007 14:00	1257	22	211	1490	15.6%
2/24/2007 15:00	1179	28	237	1444	18.4%
2/24/2007 16:00	1170	27	241	1438	18.6%
2/24/2007 17:00	1026	26	228	1280	19.8%
2/24/2007 18:00	912	24	226	1162	21.5%
2/24/2007 19:00	693	14	181	888	22.0%
2/24/2007 20:00	500	5	173	678	26.3%
2/24/2007 21:00	488	16	169	673	27.5%
2/24/2007 22:00	395	9	138	542	27.1%
2/24/2007 23:00	356	8	105	469	24.1%
2/25/2007 0:00	228	8	85	321	29.0%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
2/25/2007 1:00	143	3	70	216	33.8%
2/25/2007 2:00	109	9	51	169	35.5%
2/25/2007 3:00	103	5	44	152	32.2%
2/25/2007 4:00	77	6	42	125	38.4%
2/25/2007 5:00	91	4	34	129	29.5%
2/25/2007 6:00	168	8	67	243	30.9%
2/25/2007 7:00	196	9	95	300	34.7%
2/25/2007 8:00	342	5	104	451	24.2%
2/25/2007 9:00	458	13	131	602	23.9%
2/25/2007 10:00	616	18	167	801	23.1%
2/25/2007 11:00	643	20	190	853	24.6%
2/25/2007 12:00	801	8	207	1016	21.2%
2/25/2007 13:00	796	20	232	1048	24.0%
2/25/2007 14:00	835	17	221	1073	22.2%
2/25/2007 15:00	813	12	225	1050	22.6%
2/25/2007 16:00	790	17	177	984	19.7%
2/25/2007 17:00	789	15	336	1140	30.8%
2/25/2007 18:00	605	26	306	937	35.4%
2/25/2007 19:00	517	8	218	743	30.4%
2/25/2007 20:00	397	11	229	637	37.7%
2/25/2007 21:00	296	16	194	506	41.5%
2/25/2007 22:00	245	12	147	404	39.4%
2/25/2007 23:00	205	12	150	367	44.1%
2/26/2007 0:00	119	9	121	249	52.2%
2/26/2007 1:00	61	12	130	203	70.0%
2/26/2007 2:00	48	10	148	206	76.7%
2/26/2007 3:00	45	9	133	187	75.9%
2/26/2007 4:00	98	14	143	255	61.6%
2/26/2007 5:00	251	17	209	477	47.4%
2/26/2007 6:00	719	19	237	975	26.3%
2/26/2007 7:00	974	41	233	1248	22.0%
2/26/2007 8:00	960	65	320	1345	28.6%
2/26/2007 9:00	738	48	343	1129	34.6%
2/26/2007 10:00	770	55	348	1173	34.4%
2/26/2007 11:00	908	68	375	1351	32.8%
2/26/2007 12:00	895	65	339	1299	31.1%
2/26/2007 13:00	844	77	433	1354	37.7%
2/26/2007 14:00	982	74	428	1484	33.8%
2/26/2007 15:00	1169	65	430	1664	29.7%
2/26/2007 16:00	1235	60	498	1793	31.1%
2/26/2007 17:00	1103	37	467	1607	31.4%
2/26/2007 18:00	926	30	407	1363	32.1%
2/26/2007 19:00	585	21	495	1101	46.9%
2/26/2007 20:00	547	24	459	1030	46.9%
2/26/2007 21:00	466	19	434	919	49.3%
2/26/2007 22:00	326	14	368	708	54.0%
2/26/2007 23:00	261	11	270	542	51.8%
2/27/2007 0:00	164	9	256	429	61.8%
2/27/2007 1:00	77	12	239	328	76.5%
2/27/2007 2:00	64	11	252	327	80.4%
2/27/2007 3:00	49	5	177	231	78.8%
2/27/2007 4:00	92	17	253	362	74.6%
2/27/2007 5:00	241	14	290	545	55.8%
2/27/2007 6:00	736	23	296	1055	30.2%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
2/27/2007 7:00	1053	52	319	1424	26.1%
2/27/2007 8:00	984	61	405	1450	32.1%
2/27/2007 9:00	755	66	382	1203	37.2%
2/27/2007 10:00	751	70	439	1260	40.4%
2/27/2007 11:00	864	56	505	1425	39.4%
2/27/2007 12:00	852	46	573	1471	42.1%
2/27/2007 13:00	862	69	531	1462	41.0%
2/27/2007 14:00	951	79	485	1515	37.2%
2/27/2007 15:00	1220	57	482	1759	30.6%
2/27/2007 16:00	1180	40	500	1720	31.4%
2/27/2007 17:00	1144	35	433	1612	29.0%
2/27/2007 18:00	937	40	468	1445	35.2%
2/27/2007 19:00	740	28	506	1274	41.9%
2/27/2007 20:00	601	27	496	1124	46.5%
2/27/2007 21:00	565	18	459	1042	45.8%
2/27/2007 22:00	407	17	436	860	52.7%
2/27/2007 23:00	306	15	338	659	53.6%
2/28/2007 0:00	166	13	252	431	61.5%
2/28/2007 1:00	93	10	251	354	73.7%
2/28/2007 2:00	68	14	223	305	77.7%
2/28/2007 3:00	54	6	205	265	79.6%
2/28/2007 4:00	95	19	196	310	69.4%
2/28/2007 5:00	268	15	251	534	49.8%
2/28/2007 6:00	682	23	279	984	30.7%
2/28/2007 7:00	1033	60	319	1412	26.8%
2/28/2007 8:00	952	74	443	1469	35.2%
2/28/2007 9:00	732	60	447	1239	40.9%
2/28/2007 10:00	779	71	465	1315	40.8%
2/28/2007 11:00	854	70	481	1405	39.2%
2/28/2007 12:00	874	62	563	1499	41.7%
2/28/2007 13:00	876	69	520	1465	40.2%
2/28/2007 14:00	1023	64	545	1632	37.3%
2/28/2007 15:00	1290	73	494	1857	30.5%
2/28/2007 16:00	1268	78	545	1891	32.9%
2/28/2007 17:00	1291	42	509	1842	29.9%
2/28/2007 18:00	1051	31	484	1566	32.9%
2/28/2007 19:00	827	26	476	1329	37.8%
2/28/2007 20:00	640	24	437	1101	41.9%
2/28/2007 21:00	568	20	446	1034	45.1%
2/28/2007 22:00	473	26	486	985	52.0%
2/28/2007 23:00	351	21	372	744	52.8%
3/1/2007 0:00	187	16	294	497	62.4%
3/1/2007 1:00	96	15	250	361	73.4%
3/1/2007 2:00	66	20	219	305	78.4%
3/1/2007 3:00	63	14	217	294	78.6%
3/1/2007 4:00	104	13	244	361	71.2%
3/1/2007 5:00	223	18	259	500	55.4%
3/1/2007 6:00	708	22	286	1016	30.3%
3/1/2007 7:00	982	30	302	1314	25.3%
3/1/2007 8:00	944	47	412	1403	32.7%
3/1/2007 9:00	661	53	466	1180	44.0%
3/1/2007 10:00	639	69	461	1169	45.3%
3/1/2007 11:00	716	64	428	1208	40.7%
3/1/2007 12:00	784	53	478	1315	40.4%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
3/1/2007 13:00	742	46	482	1270	41.6%
3/1/2007 14:00	967	55	454	1476	34.5%
3/1/2007 15:00	1179	63	462	1704	30.8%
3/1/2007 16:00	1166	53	443	1662	29.8%
3/1/2007 17:00	1129	34	431	1594	29.2%
3/1/2007 18:00	1005	29	413	1447	30.5%
3/1/2007 19:00	760	25	382	1167	34.9%
3/1/2007 20:00	592	24	401	1017	41.8%
3/1/2007 21:00	522	27	411	960	45.6%
3/1/2007 22:00	427	25	300	752	43.2%
3/1/2007 23:00	310	15	290	615	49.6%
3/2/2007 0:00	198	24	251	473	58.1%
3/2/2007 1:00	123	10	215	348	64.7%
3/2/2007 2:00	84	13	180	277	69.7%
3/2/2007 3:00	80	21	175	276	71.0%
3/2/2007 4:00	91	9	166	266	65.8%
3/2/2007 5:00	252	17	238	507	50.3%
3/2/2007 6:00	652	28	267	947	31.2%
3/2/2007 7:00	951	49	273	1273	25.3%
3/2/2007 8:00	963	71	333	1367	29.6%
3/2/2007 9:00	827	51	357	1235	33.0%
3/2/2007 10:00	882	60	385	1327	33.5%
3/2/2007 11:00	963	68	358	1389	30.7%
3/2/2007 12:00	1007	58	403	1468	31.4%
3/2/2007 13:00	1034	84	439	1557	33.6%
3/2/2007 14:00	1160	80	394	1634	29.0%
3/2/2007 15:00	1426	94	429	1949	26.8%
3/2/2007 16:00	1252	76	374	1702	26.4%
3/2/2007 17:00	1201	57	347	1605	25.2%
3/2/2007 18:00	1056	41	312	1409	25.1%
3/2/2007 19:00	877	27	299	1203	27.1%
3/2/2007 20:00	694	17	331	1042	33.4%
3/2/2007 21:00	633	29	344	1006	37.1%
3/2/2007 22:00	516	20	298	834	38.1%
3/2/2007 23:00	470	21	263	754	37.7%
3/3/2007 0:00	266	15	215	496	46.4%
3/3/2007 1:00	181	17	171	369	50.9%
3/3/2007 2:00	124	15	132	271	54.2%
3/3/2007 3:00	87	16	125	228	61.8%
3/3/2007 4:00	93	15	106	214	56.5%
3/3/2007 5:00	182	20	109	311	41.5%
3/3/2007 6:00	306	24	151	481	36.4%
3/3/2007 7:00	408	23	154	585	30.3%
3/3/2007 8:00	610	24	215	849	28.2%
3/3/2007 9:00	730	35	217	982	25.7%
3/3/2007 10:00	947	39	266	1252	24.4%
3/3/2007 11:00	1083	45	242	1370	20.9%
3/3/2007 12:00					
3/3/2007 13:00	597	14	94	705	15.3%
3/3/2007 14:00	1212	17	224	1453	16.6%
3/3/2007 15:00	1164	28	216	1408	17.3%
3/3/2007 16:00	1165	26	250	1441	19.2%
3/3/2007 17:00	1074	24	206	1304	17.6%
3/3/2007 18:00	839	21	184	1044	19.6%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
3/3/2007 19:00	676	23	194	893	24.3%
3/3/2007 20:00	569	15	188	772	26.3%
3/3/2007 21:00	508	11	149	668	24.0%
3/3/2007 22:00	474	7	93	574	17.4%
3/3/2007 23:00	338	8	94	440	23.2%
3/4/2007 0:00	257	5	69	331	22.4%
3/4/2007 1:00	171	4	86	261	34.5%
3/4/2007 2:00	161	6	64	231	30.3%
3/4/2007 3:00	101	4	53	158	36.1%
3/4/2007 4:00	75	4	47	126	40.5%
3/4/2007 5:00	93	9	64	166	44.0%
3/4/2007 6:00	192	9	68	269	28.6%
3/4/2007 7:00	222	12	99	333	33.3%
3/4/2007 8:00	400	7	135	542	26.2%
3/4/2007 9:00	678	13	171	862	21.3%
3/4/2007 10:00	874	14	191	1079	19.0%
3/4/2007 11:00	994	16	202	1212	18.0%
3/4/2007 12:00	1197	19	238	1454	17.7%
3/4/2007 13:00	1192	13	214	1419	16.0%
3/4/2007 14:00	1258	17	265	1540	18.3%
3/4/2007 15:00	1336	10	304	1650	19.0%
3/4/2007 16:00	1249	24	270	1543	19.1%
3/4/2007 17:00	1105	27	288	1420	22.2%
3/4/2007 18:00	983	22	269	1274	22.8%
3/4/2007 19:00	760	18	287	1065	28.6%
3/4/2007 20:00	626	13	247	886	29.3%
3/4/2007 21:00	452	12	240	704	35.8%
3/4/2007 22:00	385	13	195	593	35.1%
3/4/2007 23:00	247	16	138	401	38.4%
3/5/2007 0:00	138	8	147	293	52.9%
3/5/2007 1:00	68	7	132	207	67.1%
3/5/2007 2:00	55	13	130	198	72.2%
3/5/2007 3:00	39	12	139	190	79.5%
3/5/2007 4:00	102	17	157	276	63.0%
3/5/2007 5:00	276	15	196	487	43.3%
3/5/2007 6:00	727	31	264	1022	28.9%
3/5/2007 7:00	1111	46	249	1406	21.0%
3/5/2007 8:00	1072	48	350	1470	27.1%
3/5/2007 9:00	864	50	336	1250	30.9%
3/5/2007 10:00	791	50	312	1153	31.4%
3/5/2007 11:00	839	58	351	1248	32.8%
3/5/2007 12:00	901	41	372	1314	31.4%
3/5/2007 13:00	894	75	362	1331	32.8%
3/5/2007 14:00	1054	62	424	1540	31.6%
3/5/2007 15:00	1214	61	386	1661	26.9%
3/5/2007 16:00	1220	61	391	1672	27.0%
3/5/2007 17:00	1219	33	337	1589	23.3%
3/5/2007 18:00	986	38	369	1393	29.2%
3/5/2007 19:00	715	18	412	1145	37.6%
3/5/2007 20:00	560	20	422	1002	44.1%
3/5/2007 21:00	493	18	386	897	45.0%
3/5/2007 22:00	308	14	351	673	54.2%
3/5/2007 23:00	277	11	261	549	49.5%
3/6/2007 0:00	151	15	195	361	58.2%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
3/6/2007 1:00	75	15	176	266	71.8%
3/6/2007 2:00	69	18	203	290	76.2%
3/6/2007 3:00	69	18	297	384	82.0%
3/6/2007 4:00	72	13	247	332	78.3%
3/6/2007 5:00	235	16	267	518	54.6%
3/6/2007 6:00	741	33	298	1072	30.9%
3/6/2007 7:00	1129	59	337	1525	26.0%
3/6/2007 8:00	883	65	424	1372	35.6%
3/6/2007 9:00	823	55	484	1362	39.6%
3/6/2007 10:00	789	55	477	1321	40.3%
3/6/2007 11:00	778	57	453	1288	39.6%
3/6/2007 12:00	843	51	447	1341	37.1%
3/6/2007 13:00	851	58	469	1378	38.2%
3/6/2007 14:00	900	73	448	1421	36.7%
3/6/2007 15:00	1147	76	403	1626	29.5%
3/6/2007 16:00	1165	59	446	1670	30.2%
3/6/2007 17:00	1101	40	452	1593	30.9%
3/6/2007 18:00	1000	33	409	1442	30.7%
3/6/2007 19:00	638	30	447	1115	42.8%
3/6/2007 20:00	514	30	444	988	48.0%
3/6/2007 21:00	545	25	403	973	44.0%
3/6/2007 22:00	369	17	387	773	52.3%
3/6/2007 23:00	311	18	273	602	48.3%
3/7/2007 0:00	145	11	226	382	62.0%
3/7/2007 1:00	87	15	259	361	75.9%
3/7/2007 2:00	82	16	189	287	71.4%
3/7/2007 3:00	61	12	175	248	75.4%
3/7/2007 4:00	89	10	197	296	69.9%
3/7/2007 5:00	233	34	275	542	57.0%
3/7/2007 6:00	717	28	283	1028	30.3%
3/7/2007 7:00	1031	42	287	1360	24.2%
3/7/2007 8:00	800	59	314	1173	31.8%
3/7/2007 9:00	742	83	434	1259	41.1%
3/7/2007 10:00	655	58	524	1237	47.0%
3/7/2007 11:00	836	57	505	1398	40.2%
3/7/2007 12:00	812	54	455	1321	38.5%
3/7/2007 13:00	807	59	463	1329	39.3%
3/7/2007 14:00	951	64	462	1477	35.6%
3/7/2007 15:00	1219	58	454	1731	29.6%
3/7/2007 16:00	1253	59	486	1798	30.3%
3/7/2007 17:00	1223	42	499	1764	30.7%
3/7/2007 18:00	933	40	495	1468	36.4%
3/7/2007 19:00	759	25	509	1293	41.3%
3/7/2007 20:00	616	14	411	1041	40.8%
3/7/2007 21:00	539	24	434	997	45.9%
3/7/2007 22:00	431	26	408	865	50.2%
3/7/2007 23:00	308	13	326	647	52.4%
3/8/2007 0:00	152	16	257	425	64.2%
3/8/2007 1:00	89	12	238	339	73.7%
3/8/2007 2:00	81	17	210	308	73.7%
3/8/2007 3:00	58	6	211	275	78.9%
3/8/2007 4:00	106	17	229	352	69.9%
3/8/2007 5:00	264	26	278	568	53.5%
3/8/2007 6:00	825	30	299	1154	28.5%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
3/8/2007 7:00	1159	47	303	1509	23.2%
3/8/2007 8:00	1074	61	397	1532	29.9%
3/8/2007 9:00	925	52	471	1448	36.1%
3/8/2007 10:00	830	67	471	1368	39.3%
3/8/2007 11:00	841	61	451	1353	37.8%
3/8/2007 12:00	923	55	480	1458	36.7%
3/8/2007 13:00	743	42	440	1225	39.3%
3/8/2007 14:00	755	60	480	1295	41.7%
3/8/2007 15:00	996	65	419	1480	32.7%
3/8/2007 16:00	1046	51	450	1547	32.4%
3/8/2007 17:00	970	45	400	1415	31.4%
3/8/2007 18:00	856	27	335	1218	29.7%
3/8/2007 19:00	706	24	362	1092	35.3%
3/8/2007 20:00	671	20	416	1107	39.4%
3/8/2007 21:00	633	23	420	1076	41.2%
3/8/2007 22:00	534	13	452	999	46.5%
3/8/2007 23:00	357	25	285	667	46.5%
3/9/2007 0:00	226	14	230	470	51.9%
3/9/2007 1:00	131	13	221	365	64.1%
3/9/2007 2:00	107	22	205	334	68.0%
3/9/2007 3:00	116	12	187	315	63.2%
3/9/2007 4:00	144	21	221	386	62.7%
3/9/2007 5:00	330	27	301	658	49.8%
3/9/2007 6:00	846	22	271	1139	25.7%
3/9/2007 7:00	1155	53	276	1484	22.2%
3/9/2007 8:00	1176	60	400	1636	28.1%
3/9/2007 9:00	944	81	411	1436	34.3%
3/9/2007 10:00	788	54	393	1235	36.2%
3/9/2007 11:00	910	64	422	1396	34.8%
3/9/2007 12:00	926	63	347	1336	30.7%
3/9/2007 13:00	844	52	347	1243	32.1%
3/9/2007 14:00	936	56	381	1373	31.8%
3/9/2007 15:00	951	56	264	1271	25.2%
3/9/2007 16:00	979	42	263	1284	23.8%
3/9/2007 17:00	1031	39	344	1414	27.1%
3/9/2007 18:00	1110	32	331	1473	24.6%
3/9/2007 19:00	955	32	371	1358	29.7%
3/9/2007 20:00	594	19	298	911	34.8%
3/9/2007 21:00	503	25	252	780	35.5%
3/9/2007 22:00	390	13	241	644	39.4%
3/9/2007 23:00	385	17	229	631	39.0%
3/10/2007 0:00	224	12	168	404	44.6%
3/10/2007 1:00	106	11	142	259	59.1%
3/10/2007 2:00	102	10	128	240	57.5%
3/10/2007 3:00	87	5	104	196	55.6%
3/10/2007 4:00	103	5	91	199	48.2%
3/10/2007 5:00	189	15	115	319	40.8%
3/10/2007 6:00	352	19	128	499	29.5%
3/10/2007 7:00	348	18	148	514	32.3%
3/10/2007 8:00	500	22	199	721	30.7%
3/10/2007 9:00	697	22	224	943	26.1%
3/10/2007 10:00	737	26	221	984	25.1%
3/10/2007 11:00	872	26	227	1125	22.5%
3/10/2007 12:00	910	27	199	1136	19.9%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
3/10/2007 13:00	987	16	209	1212	18.6%
3/10/2007 14:00	1025	38	197	1260	18.7%
3/10/2007 15:00	984	20	218	1222	19.5%
3/10/2007 16:00	884	24	197	1105	20.0%
3/10/2007 17:00	854	29	191	1074	20.5%
3/10/2007 18:00	766	25	182	973	21.3%
3/10/2007 19:00	544	13	167	724	24.9%
3/10/2007 20:00	446	11	163	620	28.1%
3/10/2007 21:00	526	8	132	666	21.0%
3/10/2007 22:00	465	6	144	615	24.4%
3/10/2007 23:00	358	9	111	478	25.1%
3/11/2007 0:00	235	6	77	318	26.1%
3/11/2007 1:00	135	3	68	206	34.5%
3/11/2007 2:00	155	5	44	204	24.0%
3/11/2007 3:00	141	7	47	195	27.7%
3/11/2007 4:00	112	6	57	175	36.0%
3/11/2007 5:00	162	7	57	226	28.3%
3/11/2007 6:00	233	8	74	315	26.0%
3/11/2007 7:00	356	3	111	470	24.3%
3/11/2007 8:00	557	9	144	710	21.5%
3/11/2007 9:00	822	12	164	998	17.6%
3/11/2007 10:00	694	14	176	884	21.5%
3/11/2007 11:00	951	20	195	1166	18.4%
3/11/2007 12:00	940	19	219	1178	20.2%
3/11/2007 13:00	927	23	224	1174	21.0%
3/11/2007 14:00	995	25	243	1263	21.2%
3/11/2007 15:00	1118	34	262	1414	20.9%
3/11/2007 16:00	965	28	245	1238	22.1%
3/11/2007 17:00	870	20	235	1125	22.7%
3/11/2007 18:00	726	19	249	994	27.0%
3/11/2007 19:00	630	18	268	916	31.2%
3/11/2007 20:00	476	12	221	709	32.9%
3/11/2007 21:00	388	12	185	585	33.7%
3/11/2007 22:00	279	10	168	457	38.9%
3/11/2007 23:00	149	6	158	313	52.4%
3/12/2007 0:00	86	12	133	231	62.8%
3/12/2007 1:00	77	8	119	204	62.3%
3/12/2007 2:00	57	10	131	198	71.2%
3/12/2007 3:00	99	15	153	267	62.9%
3/12/2007 4:00	270	16	211	497	45.7%
3/12/2007 5:00	668	37	234	939	28.9%
3/12/2007 6:00	894	47	227	1168	23.5%
3/12/2007 7:00	785	55	341	1181	33.5%
3/12/2007 8:00	685	46	335	1066	35.7%
3/12/2007 9:00	719	61	336	1116	35.6%
3/12/2007 10:00	797	52	383	1232	35.3%
3/12/2007 11:00	911	50	427	1388	34.4%
3/12/2007 12:00	832	65	421	1318	36.9%
3/12/2007 13:00	962	63	407	1432	32.8%
3/12/2007 14:00	1049	64	461	1574	33.4%
3/12/2007 15:00	1161	49	429	1639	29.2%
3/12/2007 16:00	1107	47	448	1602	30.9%
3/12/2007 17:00	912	37	474	1423	35.9%
3/12/2007 18:00	638	22	466	1126	43.3%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
3/12/2007 19:00	632	20	423	1075	41.2%
3/12/2007 20:00	454	14	413	881	48.5%
3/12/2007 21:00	327	17	349	693	52.8%
3/12/2007 22:00	266	14	304	584	54.5%
3/12/2007 23:00	145	12	265	422	65.6%
3/13/2007 0:00	91	10	205	306	70.3%
3/13/2007 1:00	70	14	200	284	75.4%
3/13/2007 2:00	57	7	188	252	77.4%
3/13/2007 3:00	78	11	215	304	74.3%
3/13/2007 4:00	227	21	244	492	53.9%
3/13/2007 5:00	702	26	269	997	29.6%
3/13/2007 6:00	860	56	330	1246	31.0%
3/13/2007 7:00	754	54	366	1174	35.8%
3/13/2007 8:00	739	63	409	1211	39.0%
3/13/2007 9:00	747	50	398	1195	37.5%
3/13/2007 10:00	810	61	464	1335	39.3%
3/13/2007 11:00	911	54	489	1454	37.3%
3/13/2007 12:00	875	52	419	1346	35.0%
3/13/2007 13:00	1036	50	488	1574	34.2%
3/13/2007 14:00	1190	53	491	1734	31.4%
3/13/2007 15:00	1232	46	479	1757	29.9%
3/13/2007 16:00	1221	39	507	1767	30.9%
3/13/2007 17:00	987	34	530	1551	36.4%
3/13/2007 18:00	718	23	487	1228	41.5%
3/13/2007 19:00	622	22	441	1085	42.7%
3/13/2007 20:00	515	26	417	958	46.2%
3/13/2007 21:00	403	25	404	832	51.6%
3/13/2007 22:00	306	26	318	650	52.9%
3/13/2007 23:00	170	9	229	408	58.3%
3/14/2007 0:00	94	13	210	317	70.3%
3/14/2007 1:00	58	11	227	296	80.4%
3/14/2007 2:00	47	4	173	224	79.0%
3/14/2007 3:00	81	12	211	304	73.4%
3/14/2007 4:00	201	14	258	473	57.5%
3/14/2007 5:00	659	19	281	959	31.3%
3/14/2007 6:00	822	43	284	1149	28.5%
3/14/2007 7:00	789	53	364	1206	34.6%
3/14/2007 8:00	744	49	412	1205	38.3%
3/14/2007 9:00	751	61	468	1280	41.3%
3/14/2007 10:00	839	44	521	1404	40.2%
3/14/2007 11:00	925	57	506	1488	37.8%
3/14/2007 12:00	868	45	511	1424	39.0%
3/14/2007 13:00	995	54	541	1590	37.4%
3/14/2007 14:00	1115	71	459	1645	32.2%
3/14/2007 15:00	1251	55	535	1841	32.0%
3/14/2007 16:00	1188	48	484	1720	30.9%
3/14/2007 17:00	975	38	531	1544	36.9%
3/14/2007 18:00	700	24	480	1204	41.9%
3/14/2007 19:00	607	35	419	1061	42.8%
3/14/2007 20:00	497	25	422	944	47.4%
3/14/2007 21:00	391	23	425	839	53.4%
3/14/2007 22:00	326	17	331	674	51.6%
3/14/2007 23:00	166	14	233	413	59.8%
3/15/2007 0:00	75	10	213	298	74.8%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
3/15/2007 1:00	76	13	191	280	72.9%
3/15/2007 2:00	58	14	185	257	77.4%
3/15/2007 3:00	81	14	222	317	74.4%
3/15/2007 4:00	217	17	254	488	55.5%
3/15/2007 5:00	671	24	299	994	32.5%
3/15/2007 6:00	834	38	315	1187	29.7%
3/15/2007 7:00	824	51	375	1250	34.1%
3/15/2007 8:00	748	49	433	1230	39.2%
3/15/2007 9:00	748	65	419	1232	39.3%
3/15/2007 10:00	806	53	483	1342	39.9%
3/15/2007 11:00	940	47	484	1471	36.1%
3/15/2007 12:00	979	42	516	1537	36.3%
3/15/2007 13:00	1053	65	478	1596	34.0%
3/15/2007 14:00					
3/15/2007 15:00					
3/15/2007 16:00	1205	64	468	1737	30.6%
3/15/2007 17:00	1273	32	521	1826	30.3%
3/15/2007 18:00	1056	30	469	1555	32.1%
3/15/2007 19:00	795	25	476	1296	38.7%
3/15/2007 20:00	694	16	484	1194	41.9%
3/15/2007 21:00	579	25	408	1012	42.8%
3/15/2007 22:00	478	12	382	872	45.2%
3/15/2007 23:00	331	18	317	666	50.3%
3/16/2007 0:00	190	12	224	426	55.4%
3/16/2007 1:00	107	4	116	227	52.9%
3/16/2007 2:00	49	8	127	184	73.4%
3/16/2007 3:00	48	9	101	158	69.6%
3/16/2007 4:00	73	19	158	250	70.8%
3/16/2007 5:00	216	18	238	472	54.2%
3/16/2007 6:00	626	25	233	884	29.2%
3/16/2007 7:00	766	48	252	1066	28.1%
3/16/2007 8:00	741	59	382	1182	37.3%
3/16/2007 9:00	705	58	391	1154	38.9%
3/16/2007 10:00	808	67	374	1249	35.3%
3/16/2007 11:00	912	73	409	1394	34.6%
3/16/2007 12:00	1000	80	409	1489	32.8%
3/16/2007 13:00	1004	63	425	1492	32.7%
3/16/2007 14:00	1263	77	417	1757	28.1%
3/16/2007 15:00	1351	59	391	1801	25.0%
3/16/2007 16:00	1378	63	403	1844	25.3%
3/16/2007 17:00	1244	46	367	1657	24.9%
3/16/2007 18:00	1098	32	418	1548	29.1%
3/16/2007 19:00	885	20	378	1283	31.0%
3/16/2007 20:00	768	24	325	1117	31.2%
3/16/2007 21:00	578	20	312	910	36.5%
3/16/2007 22:00	548	18	253	819	33.1%
3/16/2007 23:00	458	9	249	716	36.0%
3/17/2007 0:00	298	13	174	485	38.6%
3/17/2007 1:00	164	11	154	329	50.2%
3/17/2007 2:00	137	18	149	304	54.9%
3/17/2007 3:00	92	17	92	201	54.2%
3/17/2007 4:00	99	14	91	204	51.5%
3/17/2007 5:00	148	10	110	268	44.8%
3/17/2007 6:00	341	13	102	456	25.2%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
3/17/2007 7:00	410	23	146	579	29.2%
3/17/2007 8:00	534	25	197	756	29.4%
3/17/2007 9:00	689	34	212	935	26.3%
3/17/2007 10:00	860	38	248	1146	25.0%
3/17/2007 11:00	1082	24	248	1354	20.1%
3/17/2007 12:00	1183	32	240	1455	18.7%
3/17/2007 13:00	1169	32	276	1477	20.9%
3/17/2007 14:00	1236	22	240	1498	17.5%
3/17/2007 15:00	1275	27	260	1562	18.4%
3/17/2007 16:00	1125	18	187	1330	15.4%
3/17/2007 17:00	1142	24	241	1407	18.8%
3/17/2007 18:00	1028	24	214	1266	18.8%
3/17/2007 19:00	813	17	208	1038	21.7%
3/17/2007 20:00	692	16	182	890	22.2%
3/17/2007 21:00	595	11	132	738	19.4%
3/17/2007 22:00	577	9	147	733	21.3%
3/17/2007 23:00	447	5	109	561	20.3%
3/18/2007 0:00	293	6	82	381	23.1%
3/18/2007 1:00	209	2	86	297	29.6%
3/18/2007 2:00	248	5	58	311	20.3%
3/18/2007 3:00	165	2	42	209	21.1%
3/18/2007 4:00	134	2	41	177	24.3%
3/18/2007 5:00	121	1	48	170	28.8%
3/18/2007 6:00	205	12	73	290	29.3%
3/18/2007 7:00	283	8	79	370	23.5%
3/18/2007 8:00	420	10	115	545	22.9%
3/18/2007 9:00	668	16	131	815	18.0%
3/18/2007 10:00	927	17	188	1132	18.1%
3/18/2007 11:00	1210	22	173	1405	13.9%
3/18/2007 12:00	1361	20	189	1570	13.3%
3/18/2007 13:00	1446	15	202	1663	13.0%
3/18/2007 14:00	1376	22	249	1647	16.5%
3/18/2007 15:00	1448	26	254	1728	16.2%
3/18/2007 16:00	1409	31	264	1704	17.3%
3/18/2007 17:00	1200	33	256	1489	19.4%
3/18/2007 18:00	1087	21	300	1408	22.8%
3/18/2007 19:00	874	23	278	1175	25.6%
3/18/2007 20:00	752	19	270	1041	27.8%
3/18/2007 21:00	570	15	216	801	28.8%
3/18/2007 22:00	500	17	192	709	29.5%
3/18/2007 23:00	277	16	179	472	41.3%
3/19/2007 0:00	156	10	167	333	53.2%
3/19/2007 1:00	104	12	133	249	58.2%
3/19/2007 2:00	80	7	127	214	62.6%
3/19/2007 3:00	60	10	128	198	69.7%
3/19/2007 4:00	83	18	153	254	67.3%
3/19/2007 5:00	283	13	224	520	45.6%
3/19/2007 6:00	716	27	262	1005	28.8%
3/19/2007 7:00	954	56	214	1224	22.1%
3/19/2007 8:00	972	58	296	1326	26.7%
3/19/2007 9:00	740	64	355	1159	36.2%
3/19/2007 10:00	753	56	391	1200	37.3%
3/19/2007 11:00	762	55	359	1176	35.2%
3/19/2007 12:00	898	60	415	1373	34.6%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
3/19/2007 13:00	915	57	423	1395	34.4%
3/19/2007 14:00	982	62	416	1460	32.7%
3/19/2007 15:00	1295	53	478	1826	29.1%
3/19/2007 16:00	1223	50	479	1752	30.2%
3/19/2007 17:00	1244	31	463	1738	28.4%
3/19/2007 18:00	938	21	520	1479	36.6%
3/19/2007 19:00	741	26	465	1232	39.9%
3/19/2007 20:00	597	20	428	1045	42.9%
3/19/2007 21:00	465	14	461	940	50.5%
3/19/2007 22:00	366	12	343	721	49.2%
3/19/2007 23:00	285	17	335	637	55.3%
3/20/2007 0:00	165	12	231	408	59.6%
3/20/2007 1:00	94	12	229	335	71.9%
3/20/2007 2:00	50	9	198	257	80.5%
3/20/2007 3:00	47	6	185	238	80.3%
3/20/2007 4:00	88	9	204	301	70.8%
3/20/2007 5:00	259	18	250	527	50.9%
3/20/2007 6:00	736	32	268	1036	29.0%
3/20/2007 7:00	1061	61	346	1468	27.7%
3/20/2007 8:00	1031	58	392	1481	30.4%
3/20/2007 9:00	793	56	436	1285	38.3%
3/20/2007 10:00	815	65	433	1313	37.9%
3/20/2007 11:00	857	48	479	1384	38.1%
3/20/2007 12:00	970	55	528	1553	37.5%
3/20/2007 13:00	946	54	521	1521	37.8%
3/20/2007 14:00	1054	67	499	1620	34.9%
3/20/2007 15:00	1327	72	508	1907	30.4%
3/20/2007 16:00	1284	67	527	1878	31.6%
3/20/2007 17:00	1234	35	525	1794	31.2%
3/20/2007 18:00	1041	27	494	1562	33.4%
3/20/2007 19:00	719	16	471	1206	40.4%
3/20/2007 20:00	629	30	500	1159	45.7%
3/20/2007 21:00	568	14	412	994	42.9%
3/20/2007 22:00	430	19	392	841	48.9%
3/20/2007 23:00	319	22	357	698	54.3%
3/21/2007 0:00	171	14	296	481	64.4%
3/21/2007 1:00	84	15	240	339	75.2%
3/21/2007 2:00	53	11	242	306	82.7%
3/21/2007 3:00	51	8	174	233	78.1%
3/21/2007 4:00	70	14	216	300	76.7%
3/21/2007 5:00	247	13	258	518	52.3%
3/21/2007 6:00	690	40	313	1043	33.8%
3/21/2007 7:00	1063	57	312	1432	25.8%
3/21/2007 8:00	1086	79	355	1520	28.6%
3/21/2007 9:00	815	49	398	1262	35.4%
3/21/2007 10:00	751	71	474	1296	42.1%
3/21/2007 11:00	893	88	475	1456	38.7%
3/21/2007 12:00	933	68	491	1492	37.5%
3/21/2007 13:00	849	70	513	1432	40.7%
3/21/2007 14:00	1015	54	488	1557	34.8%
3/21/2007 15:00	1234	59	515	1808	31.7%
3/21/2007 16:00	1304	60	503	1867	30.2%
3/21/2007 17:00	1230	42	494	1766	30.4%
3/21/2007 18:00	1080	30	508	1618	33.3%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
3/21/2007 19:00	751	26	467	1244	39.6%
3/21/2007 20:00	691	20	472	1183	41.6%
3/21/2007 21:00	566	22	420	1008	43.8%
3/21/2007 22:00	390	30	409	829	53.0%
3/21/2007 23:00	286	12	352	650	56.0%
3/22/2007 0:00	139	14	270	423	67.1%
3/22/2007 1:00	92	4	254	350	73.7%
3/22/2007 2:00	63	11	199	273	76.9%
3/22/2007 3:00	50	7	201	258	80.6%
3/22/2007 4:00	82	19	203	304	73.0%
3/22/2007 5:00	275	22	243	540	49.1%
3/22/2007 6:00	739	33	278	1050	29.6%
3/22/2007 7:00	1085	55	298	1438	24.5%
3/22/2007 8:00	1089	72	436	1597	31.8%
3/22/2007 9:00	800	62	417	1279	37.5%
3/22/2007 10:00	713	65	432	1210	41.1%
3/22/2007 11:00	879	59	464	1402	37.3%
3/22/2007 12:00	920	66	521	1507	39.0%
3/22/2007 13:00	915	44	489	1448	36.8%
3/22/2007 14:00	1122	62	486	1670	32.8%
3/22/2007 15:00	1321	73	512	1906	30.7%
3/22/2007 16:00	1318	50	538	1906	30.8%
3/22/2007 17:00	1298	40	560	1898	31.6%
3/22/2007 18:00	1058	21	453	1532	30.9%
3/22/2007 19:00	767	30	447	1244	38.3%
3/22/2007 20:00	660	22	453	1135	41.9%
3/22/2007 21:00	564	21	391	976	42.2%
3/22/2007 22:00	439	17	366	822	46.6%
3/22/2007 23:00	343	20	345	708	51.6%
3/23/2007 0:00	180	13	287	480	62.5%
3/23/2007 1:00	94	11	237	342	72.5%
3/23/2007 2:00	87	13	222	322	73.0%
3/23/2007 3:00	64	14	175	253	74.7%
3/23/2007 4:00	77	21	215	313	75.4%
3/23/2007 5:00	268	21	244	533	49.7%
3/23/2007 6:00	702	30	273	1005	30.1%
3/23/2007 7:00	1026	53	249	1328	22.7%
3/23/2007 8:00	975	82	361	1418	31.2%
3/23/2007 9:00	774	83	404	1261	38.6%
3/23/2007 10:00	737	69	397	1203	38.7%
3/23/2007 11:00	956	70	420	1446	33.9%
3/23/2007 12:00	1073	49	454	1576	31.9%
3/23/2007 13:00	1029	56	430	1515	32.1%
3/23/2007 14:00	1274	60	366	1700	25.1%
3/23/2007 15:00	1500	68	420	1988	24.5%
3/23/2007 16:00	1474	50	361	1885	21.8%
3/23/2007 17:00	1393	44	402	1839	24.3%
3/23/2007 18:00	1140	38	404	1582	27.9%
3/23/2007 19:00	877	45	404	1326	33.9%
3/23/2007 20:00	725	17	326	1068	32.1%
3/23/2007 21:00	645	14	322	981	34.3%
3/23/2007 22:00	502	17	266	785	36.1%
3/23/2007 23:00	436	21	258	715	39.0%
3/24/2007 0:00	281	14	206	501	43.9%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
3/24/2007 1:00	186	11	167	364	48.9%
3/24/2007 2:00	105	13	162	280	62.5%
3/24/2007 3:00	91	10	120	221	58.8%
3/24/2007 4:00	71	12	109	192	63.0%
3/24/2007 5:00	140	11	120	271	48.3%
3/24/2007 6:00	323	19	123	465	30.5%
3/24/2007 7:00	392	30	148	570	31.2%
3/24/2007 8:00	575	26	175	776	25.9%
3/24/2007 9:00	695	27	247	969	28.3%
3/24/2007 10:00	805	27	204	1036	22.3%
3/24/2007 11:00	956	36	212	1204	20.6%
3/24/2007 12:00	1175	30	229	1434	18.1%
3/24/2007 13:00	1038	21	225	1284	19.2%
3/24/2007 14:00	1205	25	223	1453	17.1%
3/24/2007 15:00	1161	30	259	1450	19.9%
3/24/2007 16:00	1233	32	223	1488	17.1%
3/24/2007 17:00	1046	21	217	1284	18.5%
3/24/2007 18:00	1017	22	224	1263	19.5%
3/24/2007 19:00	733	11	187	931	21.3%
3/24/2007 20:00	586	14	179	779	24.8%
3/24/2007 21:00	510	9	175	694	26.5%
3/24/2007 22:00	455	4	138	597	23.8%
3/24/2007 23:00	365	7	96	468	22.0%
3/25/2007 0:00	305	5	91	401	23.9%
3/25/2007 1:00	198	6	62	266	25.6%
3/25/2007 2:00	113	5	42	160	29.4%
3/25/2007 3:00	91	1	51	143	36.4%
3/25/2007 4:00	69	2	48	119	42.0%
3/25/2007 5:00	96	5	38	139	30.9%
3/25/2007 6:00	161	8	60	229	29.7%
3/25/2007 7:00	220	5	86	311	29.3%
3/25/2007 8:00	412	13	128	553	25.5%
3/25/2007 9:00	571	10	156	737	22.5%
3/25/2007 10:00	915	17	191	1123	18.5%
3/25/2007 11:00	966	19	185	1170	17.4%
3/25/2007 12:00	1301	20	205	1526	14.7%
3/25/2007 13:00	1292	16	215	1523	15.2%
3/25/2007 14:00	1361	24	262	1647	17.4%
3/25/2007 15:00	1248	29	218	1495	16.5%
3/25/2007 16:00	1190	25	273	1488	20.0%
3/25/2007 17:00	1057	25	269	1351	21.8%
3/25/2007 18:00	979	27	231	1237	20.9%
3/25/2007 19:00	813	14	259	1086	25.1%
3/25/2007 20:00	694	14	229	937	25.9%
3/25/2007 21:00	474	10	227	711	33.3%
3/25/2007 22:00	395	16	229	640	38.3%
3/25/2007 23:00	264	18	182	464	43.1%
3/26/2007 0:00	122	9	157	288	57.6%
3/26/2007 1:00	80	6	144	230	65.2%
3/26/2007 2:00	57	9	117	183	68.9%
3/26/2007 3:00	50	10	152	212	76.4%
3/26/2007 4:00	76	9	170	255	70.2%
3/26/2007 5:00	164	12	169	345	52.5%
3/26/2007 6:00	501	33	203	737	32.0%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
3/26/2007 7:00	674	47	251	972	30.7%
3/26/2007 8:00	695	46	283	1024	32.1%
3/26/2007 9:00	589	51	270	910	35.3%
3/26/2007 10:00	628	66	307	1001	37.3%
3/26/2007 11:00	917	45	390	1352	32.2%
3/26/2007 12:00	921	47	454	1422	35.2%
3/26/2007 13:00	941	68	410	1419	33.7%
3/26/2007 14:00	1107	90	456	1653	33.0%
3/26/2007 15:00	1354	68	472	1894	28.5%
3/26/2007 16:00	1321	57	455	1833	27.9%
3/26/2007 17:00	1303	39	499	1841	29.2%
3/26/2007 18:00	1005	36	472	1513	33.6%
3/26/2007 19:00	752	27	456	1235	39.1%
3/26/2007 20:00	650	25	478	1153	43.6%
3/26/2007 21:00	490	26	395	911	46.2%
3/26/2007 22:00	390	14	428	832	53.1%
3/26/2007 23:00	319	17	330	666	52.1%
3/27/2007 0:00	159	11	217	387	58.9%
3/27/2007 1:00	73	7	209	289	74.7%
3/27/2007 2:00	53	9	202	264	79.9%
3/27/2007 3:00	52	11	194	257	79.8%
3/27/2007 4:00	80	15	201	296	73.0%
3/27/2007 5:00	252	18	254	524	51.9%
3/27/2007 6:00	712	18	295	1025	30.5%
3/27/2007 7:00	1099	53	301	1453	24.4%
3/27/2007 8:00	1064	69	390	1523	30.1%
3/27/2007 9:00	851	66	496	1413	39.8%
3/27/2007 10:00	828	66	468	1362	39.2%
3/27/2007 11:00	916	54	469	1439	36.3%
3/27/2007 12:00	967	75	504	1546	37.5%
3/27/2007 13:00	945	66	504	1515	37.6%
3/27/2007 14:00	1044	68	478	1590	34.3%
3/27/2007 15:00	1312	72	516	1900	30.9%
3/27/2007 16:00	1272	62	512	1846	31.1%
3/27/2007 17:00	1111	52	479	1642	32.3%
3/27/2007 18:00	1019	30	488	1537	33.7%
3/27/2007 19:00	735	32	512	1279	42.5%
3/27/2007 20:00	593	24	463	1080	45.1%
3/27/2007 21:00	526	22	464	1012	48.0%
3/27/2007 22:00	406	18	407	831	51.1%
3/27/2007 23:00	274	16	338	628	56.4%
3/28/2007 0:00	148	11	203	362	59.1%
3/28/2007 1:00	87	14	285	386	77.5%
3/28/2007 2:00	69	12	226	307	77.5%
3/28/2007 3:00	50	7	238	295	83.1%
3/28/2007 4:00	81	13	220	314	74.2%
3/28/2007 5:00	219	14	271	504	56.5%
3/28/2007 6:00	725	26	312	1063	31.8%
3/28/2007 7:00	1096	55	312	1463	25.1%
3/28/2007 8:00	1067	69	368	1504	29.1%
3/28/2007 9:00	859	59	423	1341	35.9%
3/28/2007 10:00	806	70	460	1336	39.7%
3/28/2007 11:00	920	54	480	1454	36.7%
3/28/2007 12:00	931	57	474	1462	36.3%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
3/28/2007 13:00	937	63	463	1463	36.0%
3/28/2007 14:00	984	65	490	1539	36.1%
3/28/2007 15:00	1319	73	488	1880	29.8%
3/28/2007 16:00	1381	71	451	1903	27.4%
3/28/2007 17:00	1286	44	514	1844	30.3%
3/28/2007 18:00	1142	35	516	1693	32.5%
3/28/2007 19:00	878	39	463	1380	36.4%
3/28/2007 20:00	686	20	458	1164	41.1%
3/28/2007 21:00	605	24	448	1077	43.8%
3/28/2007 22:00	387	27	415	829	53.3%
3/28/2007 23:00	291	18	334	643	54.7%
3/29/2007 0:00	151	9	259	419	64.0%
3/29/2007 1:00	86	11	245	342	74.9%
3/29/2007 2:00	81	13	222	316	74.4%
3/29/2007 3:00	56	6	233	295	81.0%
3/29/2007 4:00	79	15	229	323	75.5%
3/29/2007 5:00	165	18	263	446	63.0%
3/29/2007 6:00	557	29	232	818	31.9%
3/29/2007 7:00	1010	58	326	1394	27.5%
3/29/2007 8:00	933	63	394	1390	32.9%
3/29/2007 9:00	565	49	336	950	40.5%
3/29/2007 10:00	484	53	311	848	42.9%
3/29/2007 11:00	640	65	419	1124	43.1%
3/29/2007 12:00	831	63	473	1367	39.2%
3/29/2007 13:00	875	61	435	1371	36.2%
3/29/2007 14:00	827	59	400	1286	35.7%
3/29/2007 15:00	1181	64	458	1703	30.7%
3/29/2007 16:00	1199	60	432	1691	29.1%
3/29/2007 17:00	1330	44	469	1843	27.8%
3/29/2007 18:00	1091	40	512	1643	33.6%
3/29/2007 19:00	790	18	505	1313	39.8%
3/29/2007 20:00	689	28	424	1141	39.6%
3/29/2007 21:00	589	31	395	1015	42.0%
3/29/2007 22:00	349	15	371	735	52.5%
3/29/2007 23:00	312	16	318	646	51.7%
3/30/2007 0:00	182	16	246	444	59.0%
3/30/2007 1:00	82	17	215	314	73.9%
3/30/2007 2:00	73	14	213	300	75.7%
3/30/2007 3:00	59	15	190	264	77.7%
3/30/2007 4:00	75	15	222	312	76.0%
3/30/2007 5:00	215	23	248	486	55.8%
3/30/2007 6:00	616	27	242	885	30.4%
3/30/2007 7:00	976	57	247	1280	23.8%
3/30/2007 8:00	998	54	338	1390	28.2%
3/30/2007 9:00	726	61	350	1137	36.1%
3/30/2007 10:00	955	64	325	1344	28.9%
3/30/2007 11:00	1015	78	426	1519	33.2%