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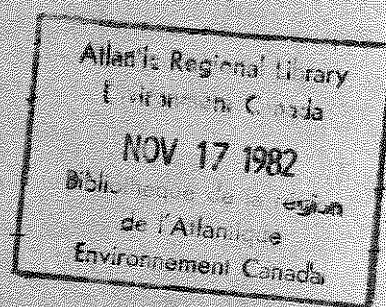
Monthly Summary      September 1974

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# National Air Pollution Surveillance

## Surveillance nationale de la pollution atmosphérique

Extrait mensuel      septembre 1974



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Surveillance Report  
EPS 5-AP-75-9

Air Pollution  
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November 1975

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Direction générale de  
la lutte contre la pollution  
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**NATIONAL AIR POLLUTION SURVEILLANCE  
MONTHLY SUMMARY FOR SEPTEMBER 1974**

**SURVEILLANCE NATIONALE DE LA POLLUTION ATMOSPHERIQUE  
EXTRAIT MENSUEL SEPTEMBRE 1974**

Report EPS 5-AP-75-9 Rapport

November 1975 novembre

This summary has been compiled by the  
Air Pollution Control Directorate  
Department of the Environment

From data collected by the Provinces of:

Newfoundland  
Prince Edward Island  
Nova Scotia  
New Brunswick  
Quebec  
Ontario  
Manitoba  
Saskatchewan  
Alberta  
British Columbia  
and the Government of Canada

Issued under the authority of the  
Honourable Jeanne Sauvé P.C., M.P.,  
Minister of the Environment

Cet extrait est établi par la  
Direction générale de la lutte contre la pollution atmosphérique  
Ministère de l'Environnement

Extrait de données réunies par les provinces de:

Terre-Neuve  
Île-du-Prince Edouard  
Nouvelle-Écosse  
Nouveau-Brunswick  
Québec  
Ontario  
Manitoba  
Saskatchewan  
Alberta  
Colombie-Britannique  
et par le gouvernement du Canada

Publication autorisée par  
l'honorable Jeanne Sauvé, C.P., DÉPUTÉ  
Ministre de l'Environnement

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## **FOREWORD**

The National Air Pollution Surveillance Program is a joint project based on the cooperative efforts of both the federal and provincial levels of government.

A knowledge of the nature and extent of air pollution across Canada is fundamental to the sound planning of control and abatement programs. In its broadest context, therefore, the purpose of the National Air Pollution Surveillance Program is to monitor and assess, on a continuing basis the quality of the ambient air in the populated regions of Canada. In addition the program serves a number of other needs and in this respect becomes increasingly useful as data accumulate. For example, it will be possible to detect trends in the levels of pollution with the passage of time and with respect to changing industrial activity, population density and air pollution abatement progress.

It was for these reasons that federal and provincial air pollution control officials, meeting annually in Ottawa in 1969 and 1970, agreed that priority attention should be given to the establishment of a comprehensive National Air Pollution Surveillance Program. In later meetings it was agreed that this program would cover all significant centers of population and that all locally significant pollutants should be monitored.

An important part of this program is the monthly reporting of the monitoring network data.

## **AVANT-PROPOS**

Le Programme national de surveillance de la pollution atmosphérique est un projet mixte basé sur les efforts collectifs des gouvernements fédéral et provinciaux.

La connaissance de la nature et de l'importance de la pollution atmosphérique au Canada est essentielle à la bonne planification des programmes anti-pollution. C'est pourquoi le but général du programme est le contrôle et l'évaluation continus de la qualité de l'air ambiant des régions peuplées du Canada. Le programme répond aussi à un certain nombre d'autres besoins et devient sous ce rapport de plus en plus utile à mesure que les données s'accumulent. Il sera par exemple possible de déceler dans quel sens évolue la pollution dans le temps, avec les diverses activités industrielles et la densité démographique, ainsi que le progrès enregistré au chapitre de sa réduction.

C'est pour ces raisons qu'à leurs réunions de 1969 et de 1970 les fonctionnaires fédéraux et provinciaux chargés de la lutte contre la pollution atmosphérique ont reconnu qu'il fallait donner la priorité à l'établissement d'un programme étendu de surveillance de la pollution atmosphérique à l'échelle nationale. À l'occasion de réunions ultérieures, il a été décidé que le programme devait toucher tous les principaux centre urbains et le contrôle de tous les polluants d'importance locale.

La publication mensuelle des résultats de la surveillance constitue une réalisation importante du programme.

## COOPERATING AGENCIES

Environmental Management and Control Division,  
Department of Provincial Affairs and Environment,  
Province of Newfoundland.

Air and Solid Waste Management,  
Environmental Control Commission,  
Province of Prince Edward Island.

Consultation Services,  
Department of Public Health,  
Province of Nova Scotia.

Pollution Control Branch,  
Department of Fisheries and Environment,  
Province of New Brunswick.

Environmental Protection Services,  
Province of Quebec.

Air Resources Branch,  
Ministry of the Environment,  
Province of Ontario.

Air Pollution Control Section,  
Department of Mines, Resources and  
Environmental Management,  
Province of Manitoba.

Air Pollution Control Branch,  
Department of the Environment,  
Province of Saskatchewan.

Air Quality Control Branch,  
Pollution Control Division,  
Alberta Environment.

Pollution Control Branch,  
Department of Lands, Forests and Water Resources,  
Province of British Columbia.

Environmental Protection Service,  
Environment Canada.

## ORGANISMES COLLABORATEURS

*Environmental Management and Control Division,*  
Ministère des Affaires Provinciales et de l'Environnement,  
Province de Terre-Neuve.

*Air and Solid Waste Management,*  
*Environmental Control Commission,*  
Province de l'Île-du-Prince Edouard.

*Consultation Services,*  
Ministère de la Santé publique,  
Province de la Nouvelle-Écosse.

Direction de la lutte contre la pollution,  
Ministère des Pêches et de l'Environnement,  
Province du Nouveau-Brunswick.

Services de Protection de l'Environnement,  
Province du Québec.

*Air Resources Branch,*  
Ministère de l'Environnement,  
Province de l'Ontario.

*Air Pollution Control Section,*  
Ministère de la gestion des Mines,  
des Ressources et de l'Environnement,  
Province du Manitoba.

*Air Pollution Control Branch,*  
Ministère de l'Environnement,  
Province de la Saskatchewan.

*Air Quality Control Branch,*  
*Pollution Control Division,*  
*Alberta Environment.*

*Pollution Control Branch,*  
Ministère des Ressources Naturelles,  
Province de la Colombie-Britannique.

Service de la protection de l'environnement,  
Environnement Canada.

## **THE NATIONAL AIR POLLUTION SURVEILLANCE NETWORK**

Sampling stations providing data for this summary are located in the following Canadian cities:

## **LE RÉSEAU NATIONAL DE SURVEILLANCE DE LA POLLUTION ATMOSPHÉRIQUE**

Le présent extrait mensuel contient des données obtenues à partir de stations d'échantillonnage situées dans les villes suivantes:

|               |                  |               |
|---------------|------------------|---------------|
| St. John's    | Windsor          | Saskatoon     |
| Charlottetown | Kingston         | Moose Jaw     |
| Halifax       | Toronto          | Prince Albert |
| Sydney        | Hamilton         | Edmonton      |
| Glace Bay     | Sudbury          | Calgary       |
| Fredericton   | Sault Ste. Marie | Red Deer      |
| Saint John    | Thunder Bay      | Medicine Hat  |
| Moncton       | London           | Lethbridge    |
| Montréal      | Sarnia           | Vancouver     |
| Hull          | Peterborough     | Prince George |
| Québec        | Winnipeg         | Victoria      |
| Sherbrooke    | Brandon          | Yellowknife   |
| Chicoutimi    | Regina           | Whitehorse    |
| Ottawa        |                  |               |



NATIONAL AIR POLLUTION SURVEILLANCE NETWORK (JANUARY, 1974)

RÉSEAU NATIONAL DE SURVEILLANCE DE LA POLLUTION ATMOSPHÉRIQUE (JANVIER, 1974)

## EXPLANATORY NOTE

The data reported in this monthly summary have been gathered by cooperating agencies across Canada and forwarded to the federal Department of the Environment for compilation. As of January, 1974, the program consisted of 354 sampling instruments in 40 cities across 10 provinces and 2 territories. Measurements are being made for sulfur dioxide, carbon monoxide, nitrogen dioxide, ozone, soiling index, suspended particulates, lead, dustfall and sulfation rate.

In addition to coordinating the National Air Pollution Surveillance Program, the Federal Government is, in a number of locations, providing the monitoring equipment for sampling stations which are operated by a cooperating provincial agency. In other locations, the provinces supply data from their own equipment. The federal Environmental Protection Service also operates its own sampling stations in several locations.

The National Air Pollution Surveillance Program Network is continually being expanded and improved. The resulting changes are reflected in the monthly reports of monitoring data as they are implemented.

The reader will, no doubt, wish to make direct comparisons of the pollution levels in different cities. Caution should be exercised in this regard since undefinable differences in results can occur due to varying factors. These may include any or all of the following:

- Different climatic conditions existing in the various locations
- Different sampling equipment, sampling procedures and analytical techniques
- Interference from local emissions

This summary is divided into seven main sections, each covering a separate pollution index. Dustfall and sulfation rate have been combined in one section. Each sampling station is identified by a code which defines its location. The first digit of the code indicates the province, the second and third digits the city, while the fourth and fifth digits indicate the station locations within the city. A letter has been used to categorize the general location of the station; i.e., Commercial (C), Residential (R), or Industrial (I). The ownership of the equipment is also noted as Municipal (M), Provincial (P) or Federal (F). The sampling height is also given in feet above ground level. A description of the methodology employed and a listing of the appropriate sampling locations will be found at the beginning of each section.

## NOTE EXPLICATIVE

Les données contenues dans le présent extrait mensuel ont été réunies par les organismes collaborateurs, dans tout le Canada, et acheminées au ministère fédéral de l'environnement pour compilation. En janvier 1974, le réseau comptait 354 appareils d'échantillonnage répartis dans 40 villes des 10 provinces et des territoires. Les mesures portent sur le dioxyde de soufre, le monoxyde de carbone, le dioxyde d'azote, l'ozone, l'indice de souillure, les particules en suspension, le plomb, les retombées de poussières et l'indice de formation de sulfate.

En plus de coordonner le programme national de surveillance de la pollution atmosphérique, le gouvernement fédéral fournit, en certains endroits, le matériel de contrôle nécessaire aux postes d'échantillonnage exploités par un organisme provincial collaborateur. Ailleurs, les provinces fournissent des données recueillies à partir de leur propre matériel. Le Service fédéral de la protection de l'environnement exploite aussi ses propres stations, en plusieurs endroits.

Le réseau de surveillance s'accroît constamment et fait continuellement l'objet d'améliorations. Les extraits mensuels font foi des changements, au fur et à mesure qu'ils sont réalisés.

Le lecteur sera sans doute tenté d'établir des comparaisons directes entre les niveaux de pollution de villes différentes. Sur ce point, il doit se montrer pruden car les données peuvent comporter des différences attribuables à divers facteurs variables, dont:

- les conditions climatiques;
- le matériel et les modes d'échantillonnage, les techniques analytiques;
- et l'interaction des émissions locales.

Le présent extrait comporte sept sections principales, chacune étant consacrée à un paramètre de pollution; les retombées de poussières et l'indice de formation de sulfate sont groupés dans la même. Chaque station d'échantillonnage est identifiée par un numéro de code qui sert à indiquer son emplacement. Le premier chiffre du numéro identifie la province, les deuxième et troisième, la ville, tandis que les quatrième et cinquième identifient les différentes stations d'une même ville. À ces chiffres, s'ajoute une lettre qui permet d'identifier si la station est située dans une zone commerciale (C), résidentielle (R) ou industrielle (I). Le propriétaire du matériel est aussi mentionné: (M) s'il s'agit de la ville, (P) de la province et (F) du fédéral. La hauteur où se fait l'échantillonnage est aussi indiquée en pieds par rapport au sol. En tête de chaque section, on trouvera une description des méthodes utilisées et une liste des postes d'échantillonnage.

## **SULFUR DIOXIDE**

Sulfur dioxide is measured continuously by one of two methods. In either instrument air passes at a controlled rate through a scrubber where the sulfur dioxide gas dissolves in a liquid medium. Subsequent analysis may be carried out by means of colorimetry (COL) using West - Gaeke absorbing solution or coulometry (COU) using a bromine or iodine reagent.

The data are reported as hourly maxima, 24 hour daily averages and monthly averages. Units used are parts per hundred million by volume of air sampled.

## **DIOXYDE DE SOUFRE**

L'échantillonnage continu du dioxyde de soufre s'effectue par le passage d'air à débit contrôlé dans un milieu liquide qui absorbe le dioxyde de soufre. Le dosage peut se faire de deux façons: par colorimétrie (COL), quand la solution absorbante est celle de West - Gaeke, et par coulométrie (COU), quand une solution de brome ou d'iode est utilisée.

Les résultats sont exprimés en maxima horaires, en moyennes quotidiennes de 24 heures et en moyennes mensuelles. Les unités utilisées sont des parties par cent millions en volume d'air échantillonné.

STATIONS MEASURING SULFUR DIOXIDE  
STATIONS MESURANT LE DIOXYDE DE SOUFRE

|       |         |    |               |                          |
|-------|---------|----|---------------|--------------------------|
| 20101 | C,F,COU | 32 | CHARLOTTETOWN | KENT AND QUEEN           |
| 30101 | C,F,COU | 45 | HALIFAX       | N.S. TECHNICAL COLLEGE   |
| 30114 | R,F,COU | 31 | HALIFAX       | MT ST VINCENT UNIVERSITY |
| 30115 | I,F,COU | 26 | HALIFAX       | CFB SHEARWATER           |
| 30116 | C,F,COU | 8  | HALIFAX       | BARRINGTON AND DUKE      |
| 30310 | C,F,COU | 13 | SYDNEY        | COUNTY JAIL              |
| 30311 | R,F,COU | 15 | SYDNEY        | WHITNEY PIER FIRE STN.   |
| 40202 | C,F,COU | 30 | SAINT JOHN    | POST OFFICE              |
| 50101 | R,P,COU | 10 | MONTREAL      | JARRY PARK               |
| 50102 | R,P,COU | 10 | MONTREAL      | BOTANICAL GARDENS        |
| 50103 | R,F,COU | 16 | MONTREAL      | POINTE AUX TREMBLES      |
| 50104 | C,F,COU | 45 | MONTREAL      | 1125 ONTARIO, EAST       |
| 50105 | C,M,COL | 42 | MONTREAL      | 1212 DRUMMOND            |
| 50106 | R,P,COU | 10 | MONTREAL      | VILLE ST. LAURENT        |
| 50107 | R,P,COU | 9  | MONTREAL      | VILLE LASALLE            |
| 50109 | C,P,COU | 16 | MONTREAL      | DUNCAN AND DECARIE       |
| 50201 | C,F,COU | 45 | HULL          | RUE PRINCIPALE           |
| 50303 | I,F,COU | 50 | QUEBEC        | CENTRE LOISIRS LIMOILLOU |
| 50304 | C,F,COU | 15 | QUEBEC        | 155 DORCHESTER SOUTH     |
| 60101 | C,F,COU | 55 | OTTAWA        | SLATER AND ELGIN         |
| 60201 | I,P,COU | 12 | WINDSOR       | MORTON TERMINAL DOCK     |
| 60204 | C,P,COU | 25 | WINDSOR       | 471 UNIVERSITY AVENUE    |
| 60401 | C,P,COU | 53 | TORONTO       | 67 COLLEGE STREET        |
| 60402 | R,P,COU | 55 | TORONTO       | DON MILLS, SCIENCE CNTR  |

|       |         |    |            |                          |
|-------|---------|----|------------|--------------------------|
| 60403 | I,P,COU | 10 | TORONTO    | EVANS AND ARNOLD         |
| 60410 | R,P,COU | 16 | TORONTO    | LAWRENCE AND KENNEDY     |
| 60411 | R,P,COU | 8  | TORONTO    | PHARMACY AND HWY 401     |
| 60501 | C,P,COU | 12 | HAMILTON   | BARTON AND SANFORD       |
| 60505 | R,P,COU | 12 | HAMILTON   | NORTH PARK               |
| 60602 | R,P,COU | 12 | SUDBURY    | ASH STREET               |
| 60901 | C,P,COU | 13 | LONDON     | KING AND RECTORY         |
| 61001 | C,P,COU | 12 | SARNIA     | 156 VICTORIA STREET      |
| 70101 | C,F,COU | 46 | WINNIPEG   | 270 OSBORNE STREET       |
| 70102 | R,F,COU | 25 | WINNIPEG   | PORTAGE AT WOODLAWN      |
| 70103 | R,F,COU | 30 | WINNIPEG   | HARTFORD AT MAIN         |
| 70104 | I,F,COU | 16 | WINNIPEG   | UNION STOCK YARDS        |
| 70201 | C,F,COU | 40 | BRANDON    | 11TH ST. & PRINCESS AVE. |
| 80108 | C,F,COU | 50 | REGINA     | 12TH AND SMITH           |
| 80202 | C,F,COU | 38 | SASKATOON  | CITY LIBRARY             |
| 80301 | C,F,COU | 56 | MOOSE JAW  | TELEPHONE BUILDING       |
| 90114 | C,F,COU | 20 | EDMONTON   | 109 STREET AND 98 AVENUE |
| 90121 | I,F,COU | 15 | EDMONTON   | 17 STREET AND 105 AVENUE |
| 90122 | R,F,COU | 10 | EDMONTON   | 127 ST. AND 133 AVENUE   |
| 90218 | I,F,COU | 10 | CALGARY    | BONNY BRK & 18A ST. S.E. |
| 90219 | C,F,COU | 40 | CALGARY    | 620-7TH AVENUE, S.W.     |
| 90222 | R,F,COU | 10 | CALGARY    | 39 ST. AND 29 AVE. N.W.  |
| 00105 | C,F,COU | 75 | VANCOUVER  | 739 WEST HASTINGS STREET |
| 00106 | R,F,COU | 55 | VANCOUVER  | 2294 WEST 10TH AVENUE    |
| 00108 | I,F,COU | 34 | VANCOUVER  | 250 WEST 70TH AVENUE     |
| 00301 | C,F,COU | 45 | VICTORIA   | POLICE STATION, FISGUARD |
| 09001 | C,F,COU | 27 | WHITEHORSE | FEDERAL BUILDING         |

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

STATION 20101C

| DAY | NO. OF<br>SAMPLES MAX MEAN |   |     |
|-----|----------------------------|---|-----|
| 1   |                            |   |     |
| 2   |                            |   |     |
| 3   |                            |   |     |
| 4   |                            |   |     |
| 5   |                            |   |     |
| 6   |                            |   |     |
| 7   |                            |   |     |
| 8   |                            |   |     |
| 9   |                            |   |     |
| 10  |                            |   |     |
| 11  | 16                         | 1 | 0.1 |
| 12  | 24                         | 1 | 0.3 |
| 13  | 24                         | 1 | 0.4 |
| 14  | 24                         | 1 | 0.4 |
| 15  | 24                         | 1 | 0.3 |
| 16  | 24                         | 2 | 0.1 |
| 17  | 24                         | 2 | 0.3 |
| 18  | 24                         | 2 | 0.2 |
| 19  | 24                         | 4 | 0.8 |
| 20  | 24                         | 1 | 0.3 |
| 21  | 24                         | 3 | 0.7 |
| 22  | 24                         | 2 | 0.5 |
| 23  | 24                         | 2 | 0.6 |
| 24  | 24                         | 4 | 1.6 |
| 25  | 24                         | 6 | 1.5 |
| 26  | 24                         | 2 | 0.6 |
| 27  | 24                         | 2 | 0.8 |
| 28  | 24                         | 3 | 0.6 |
| 29  | 24                         | 1 | 0.1 |
| 30  |                            |   |     |

| STATION | LOCATION       | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|----------------|----------------------------|-------------------------|-----------------|
| 20101C  | KENT AND QUEEN | 448                        | 6                       | 0.5             |

MONTH: SEPTEMBER 1974

CITY: CHARLOTTETOWN

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

| STATION 30101C |                   |     |      | STATION 30114R    |     |      |  | STATION 30115I    |     |      |  |
|----------------|-------------------|-----|------|-------------------|-----|------|--|-------------------|-----|------|--|
| DAY            | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |  | NO. OF<br>SAMPLES | MAX | MEAN |  |
| 1              | 22                | 4   | 1.4  | 22                | 1   | 0.4  |  | 22                | 1   | 0.0  |  |
| 2              | 21                | 4   | 1.0  | 22                | 1   | 0.0  |  | 23                | 5   | 1.7  |  |
| 3              | 22                | 4   | 1.0  | 22                | 1   | 0.2  |  | 22                | 1   | 0.3  |  |
| 4              | 22                | 2   | 0.6  | 14                | 1   | 0.1  |  | 22                | 0   | 0.0  |  |
| 5              | 21                | 1   | 0.4  | 22                | 0   | 0.0  |  | 22                | 2   | 0.3  |  |
| 6              | 22                | 4   | 1.1  | 22                | 1   | 0.3  |  | 22                | 0   | 0.0  |  |
| 7              | 21                | 2   | 0.5  | 22                | 0   | 0.0  |  | 22                | 0   | 0.0  |  |
| 8              | 22                | 4   | 1.3  | 22                | 2   | 0.2  |  | 23                | 0   | 0.0  |  |
| 9              | 22                | 6   | 2.1  | 22                | 1   | 0.1  |  | 22                | 0   | 0.0  |  |
| 10             | 21                | 6   | 1.7  | 22                | 1   | 0.1  |  | 22                | 3   | 0.3  |  |
| 11             | 8                 | 2   | 1.3  | 22                | 3   | 0.6  |  | 22                | 0   | 0.0  |  |
| 12             |                   |     |      | 22                | 1   | 0.1  |  | 22                | 0   | 0.0  |  |
| 13             |                   |     |      | 22                | 0   | 0.0  |  | 23                | 0   | 0.0  |  |
| 14             |                   |     |      | 22                | 0   | 0.0  |  | 22                | 1   | 0.1  |  |
| 15             |                   |     |      | 22                | 1   | 0.1  |  | 22                | 2   | 0.1  |  |
| 16             |                   |     |      | 22                | 1   | 0.1  |  | 22                | 5   | 0.5  |  |
| 17             |                   |     |      | 22                | 1   | 0.0  |  | 22                | 5   | 1.5  |  |
| 18             |                   |     |      | 22                | 1   | 0.0  |  | 22                | 2   | 0.4  |  |
| 19             |                   |     |      | 8                 | 0   | 0.0  |  | 23                | 2   | 0.6  |  |
| 20             |                   |     |      |                   |     |      |  | 22                | 3   | 1.3  |  |
| 21             |                   |     |      |                   |     |      |  | 22                | 1   | 0.2  |  |
| 22             |                   |     |      |                   |     |      |  | 22                | 1   | 0.2  |  |
| 23             |                   |     |      |                   |     |      |  | 22                | 3   | 0.8  |  |
| 24             |                   |     |      |                   |     |      |  | 22                | 4   | 1.6  |  |
| 25             |                   |     |      |                   |     |      |  | 22                | 6   | 0.7  |  |
| 26             |                   |     |      |                   |     |      |  | 23                | 12  | 3.6  |  |
| 27             |                   |     |      |                   |     |      |  | 22                | 2   | 0.4  |  |
| 28             |                   |     |      |                   |     |      |  | 22                | 2   | 0.3  |  |
| 29             |                   |     |      |                   |     |      |  | 22                | 0   | 0.0  |  |
| 30             |                   |     |      |                   |     |      |  | 22                | 0   | 0.0  |  |

| STATION | LOCATION                 | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------------|----------------------------|-------------------------|-----------------|
| 30101C  | N.S. TECHNICAL COLLEGE   | 224                        | 6                       | 1.1             |
| 30114R  | MT ST VINCENT UNIVERSITY | 396                        | 3                       | 0.1             |
| 30115I  | CFB SHEARWATER           | 665                        | 12                      | 0.5             |

MONTH: SEPTEMBER 1974

CITY: HALIFAX

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

STATION 30116C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   |                   |     |      |
| 2   |                   |     |      |
| 3   |                   |     |      |
| 4   |                   |     |      |
| 5   |                   |     |      |
| 6   |                   |     |      |
| 7   |                   |     |      |
| 8   |                   |     |      |
| 9   |                   |     |      |
| 10  |                   |     |      |
| 11  |                   |     |      |
| 12  |                   |     |      |
| 13  |                   |     |      |
| 14  |                   |     |      |
| 15  |                   |     |      |
| 16  |                   |     |      |
| 17  |                   |     |      |
| 18  |                   |     |      |
| 19  |                   |     |      |
| 20  |                   |     |      |
| 21  |                   |     |      |
| 22  |                   |     |      |
| 23  |                   |     |      |
| 24  |                   |     |      |
| 25  |                   |     |      |
| 26  | 8                 | 2   | 1.0  |
| 27  | 19                | 4   | 1.8  |
| 28  | 10                | 3   | 1.2  |
| 29  |                   |     |      |
| 30  |                   |     |      |

| STATION | LOCATION            | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|---------------------|----------------------------|-------------------------|-----------------|
| 30116C  | BARRINGTON AND DUKE | 37                         | 4                       | 1.5             |

MONTH: SEPTEMBER 1974

CITY: HALIFAX

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

| DAY | STATION 30310C    |     |      | STATION 30311R    |     |      |
|-----|-------------------|-----|------|-------------------|-----|------|
|     | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1   |                   |     |      | 22                | 3   | 1.7  |
| 2   |                   |     |      | 22                | 3   | 0.1  |
| 3   |                   |     |      | 22                | 1   | 0.3  |
| 4   |                   |     |      | 22                | 4   | 1.1  |
| 5   |                   |     |      | 22                | 2   | 0.2  |
| 6   | 15                | 4   | 1.3  | 22                | 4   | 1.5  |
| 7   | 24                | 4   | 1.3  | 22                | 2   | 0.8  |
| 8   | 24                | 6   | 1.7  | 22                | 1   | 0.2  |
| 9   | 23                | 4   | 0.8  | 22                | 15  | 4.0  |
| 10  | 21                | 4   | 1.1  | 22                | 17  | 2.5  |
| 11  | 22                | 8   | 2.1  | 22                | 5   | 2.1  |
| 12  | 24                | 0   | 0.0  | 22                | 25  | 5.5  |
| 13  | 21                | 0   | 0.0  | 22                | 5   | 2.7  |
| 14  | 24                | 3   | 0.2  | 22                | 6   | 1.8  |
| 15  | 24                | 7   | 1.0  | 22                | 3   | 0.9  |
| 16  | 23                | 5   | 1.9  | 22                | 7   | 1.6  |
| 17  | 24                | 13  | 3.1  | 22                | 11  | 2.5  |
| 18  | 22                | 7   | 3.0  | 22                | 2   | 0.7  |
| 19  | 24                | 7   | 2.5  | 22                | 2   | 0.6  |
| 20  | 22                | 11  | 3.2  | 22                | 3   | 0.8  |
| 21  | 24                | 4   | 1.8  | 22                | 4   | 0.7  |
| 22  | 24                | 3   | 1.1  | 22                | 5   | 1.0  |
| 23  | 23                | 6   | 1.1  | 22                | 3   | 0.8  |
| 24  | 16                | 6   | 2.4  | 22                | 0   | 0.0  |
| 25  | 10                | 24  | 4.7  | 22                | 3   | 0.3  |
| 26  | 24                | 22  | 3.0  | 22                | 0   | 0.0  |
| 27  | 8                 | 0   | 0.0  | 22                | 1   | 0.1  |
| 28  |                   |     |      | 22                | 8   | 1.6  |
| 29  |                   |     |      | 22                | 3   | 0.6  |
| 30  |                   |     |      | 22                | 11  | 2.7  |

| STATION | LOCATION               | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|------------------------|----------------------------|-------------------------|-----------------|
| 30310C  | COUNTY JAIL            | 466                        | 24                      | 1.7             |
| 30311R  | WHITNEY PIER FIRE STN. | 660                        | 25                      | 1.3             |

MONTH: SEPTEMBER 1974

CITY: SYDNEY

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

STATION 40202C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   | 24                | 1   | 0.5  |
| 2   | 24                | 2   | 0.9  |
| 3   | 24                | 3   | 1.1  |
| 4   | 24                | 1   | 0.2  |
| 5   | 24                | 3   | 0.5  |
| 6   | 24                | 3   | 1.5  |
| 7   | 24                | 7   | 1.8  |
| 8   | 24                | 3   | 0.8  |
| 9   | 24                | 0   | 0.0  |
| 10  | 24                | 2   | 0.7  |
| 11  | 24                | 2   | 0.8  |
| 12  | 24                | 0   | 0.0  |
| 13  | 24                | 1   | 0.8  |
| 14  | 24                | 2   | 1.0  |
| 15  | 24                | 3   | 1.0  |
| 16  | 24                | 4   | 1.0  |
| 17  | 24                | 3   | 0.6  |
| 18  | 24                | 1   | 0.8  |
| 19  | 24                | 3   | 1.3  |
| 20  | 24                | 3   | 1.2  |
| 21  | 24                | 2   | 0.3  |
| 22  | 24                | 3   | 1.0  |
| 23  | 24                | 3   | 1.8  |
| 24  | 24                | 5   | 1.7  |
| 25  | 24                | 8   | 2.3  |
| 26  | 24                | 3   | 1.1  |
| 27  | 24                | 4   | 1.6  |
| 28  | 24                | 3   | 1.4  |
| 29  | 24                | 3   | 0.5  |
| 30  | 24                | 2   | 0.8  |

| STATION | LOCATION    | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|-------------|----------------------------|-------------------------|-----------------|
| 40202C  | POST OFFICE | 720                        | 8                       | 1.0             |

MONTH: SEPTEMBER 1974

CITY: SAINT JOHN

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

| STATION 50101R |                   |     |      | STATION 50102R    |     |      |  | STATION 50103R    |     |      |  |
|----------------|-------------------|-----|------|-------------------|-----|------|--|-------------------|-----|------|--|
| DAY            | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |  | NO. OF<br>SAMPLES | MAX | MEAN |  |
| 1              |                   |     |      | 24                | 1   | 0.3  |  | 22                | 20  | 6.3  |  |
| 2              |                   |     |      | 24                | 2   | 0.5  |  | 22                | 1   | 0.3  |  |
| 3              |                   |     |      | 24                | 1   | 0.1  |  |                   |     |      |  |
| 4              |                   |     |      | 24                | 1   | 0.8  |  | 22                | 4   | 0.5  |  |
| 5              |                   |     |      | 24                | 5   | 1.4  |  | 22                | 3   | 1.2  |  |
| 6              |                   |     |      | 24                | 2   | 0.9  |  | 22                | 1   | 0.4  |  |
| 7              |                   |     |      | 24                | 6   | 1.8  |  | 22                | 3   | 1.0  |  |
| 8              |                   |     |      | 24                | 1   | 0.8  |  | 21                | 6   | 2.4  |  |
| 9              |                   |     |      | 24                | 1   | 0.6  |  | 22                | 11  | 5.1  |  |
| 10             | 24                | 1   | 0.5  | 24                | 1   | 1.0  |  | 22                | 2   | 0.9  |  |
| 11             | 24                | 1   | 0.3  | 24                | 2   | 0.8  |  | 17                | 5   | 1.6  |  |
| 12             | 24                | 1   | 0.8  | 24                | 1   | 0.3  |  | 22                | 2   | 0.5  |  |
| 13             | 24                | 1   | 0.3  | 24                | 1   | 0.6  |  | 22                | 3   | 0.6  |  |
| 14             | 24                | 2   | 0.4  | 24                | 1   | 0.3  |  | 22                | 13  | 3.5  |  |
| 15             | 24                | 1   | 0.7  | 24                | 1   | 0.5  |  | 22                | 12  | 5.3  |  |
| 16             | 24                | 4   | 1.3  | 24                | 1   | 0.5  |  | 22                | 6   | 2.5  |  |
| 17             | 24                | 2   | 0.3  | 24                | 2   | 0.5  |  | 22                | 10  | 4.0  |  |
| 18             | 24                | 1   | 0.7  | 24                | 1   | 0.3  |  | 13                | 1   | 0.2  |  |
| 19             | 24                | 1   | 0.6  | 24                | 2   | 1.0  |  |                   |     |      |  |
| 20             | 24                | 2   | 0.8  | 24                | 1   | 0.4  |  |                   |     |      |  |
| 21             | 24                | 2   | 0.8  | 24                | 2   | 0.3  |  | 22                | 1   | 0.1  |  |
| 22             | 24                | 1   | 0.8  | 24                | 1   | 0.3  |  | 22                | 10  | 2.5  |  |
| 23             | 24                | 3   | 1.0  | 24                | 2   | 1.0  |  |                   |     |      |  |
| 24             | 24                | 3   | 0.9  | 24                | 2   | 1.4  |  | 22                | 2   | 0.5  |  |
| 25             | 24                | 1   | 0.4  | 24                | 1   | 0.7  |  | 22                | 2   | 0.2  |  |
| 26             | 24                | 2   | 0.5  | 24                | 1   | 0.3  |  | 22                | 6   | 3.1  |  |
| 27             | 24                | 2   | 1.0  | 24                | 3   | 0.8  |  | 22                | 7   | 1.2  |  |
| 28             | 24                | 1   | 0.3  | 24                | 1   | 0.2  |  | 22                | 1   | 0.0  |  |
| 29             | 24                | 1   | 0.2  | 24                | 1   | 0.2  |  | 22                | 6   | 0.8  |  |
| 30             | 24                | 1   | 0.5  | 24                | 1   | 0.3  |  | 22                | 9   | 3.6  |  |

| STATION | LOCATION            | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|---------------------|----------------------------|-------------------------|-----------------|
| 50101R  | JARRY PARK          | 504                        | 4                       | 0.6             |
| 50102R  | BOTANICAL GARDENS   | 720                        | 6                       | 0.6             |
| 50103R  | POINTE AUX TREMBLES | 557                        | 20                      | 1.9             |

MONTH: SEPTEMBER 1974

CITY: MONTREAL

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

STATION 40202C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   | 24                | 1   | 0.5  |
| 2   | 24                | 2   | 0.9  |
| 3   | 24                | 3   | 1.1  |
| 4   | 24                | 1   | 0.2  |
| 5   | 24                | 3   | 0.5  |
| 6   | 24                | 3   | 1.5  |
| 7   | 24                | 7   | 1.8  |
| 8   | 24                | 3   | 0.8  |
| 9   | 24                | 0   | 0.0  |
| 10  | 24                | 2   | 0.7  |
| 11  | 24                | 2   | 0.8  |
| 12  | 24                | 0   | 0.0  |
| 13  | 24                | 1   | 0.8  |
| 14  | 24                | 2   | 1.0  |
| 15  | 24                | 3   | 1.0  |
| 16  | 24                | 4   | 1.0  |
| 17  | 24                | 3   | 0.6  |
| 18  | 24                | 1   | 0.8  |
| 19  | 24                | 3   | 1.3  |
| 20  | 24                | 3   | 1.2  |
| 21  | 24                | 2   | 0.3  |
| 22  | 24                | 3   | 1.0  |
| 23  | 24                | 3   | 1.8  |
| 24  | 24                | 5   | 1.7  |
| 25  | 24                | 8   | 2.3  |
| 26  | 24                | 3   | 1.1  |
| 27  | 24                | 4   | 1.6  |
| 28  | 24                | 3   | 1.4  |
| 29  | 24                | 3   | 0.5  |
| 30  | 24                | 2   | 0.8  |

| STATION | LOCATION    | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|-------------|----------------------------|-------------------------|-----------------|
| 40202C  | POST OFFICE | 720                        | 8                       | 1.0             |

MONTH: SEPTEMBER 1974

CITY: SAINT JOHN

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

| STATION 50101R |                   |     |      | STATION 50102R    |     |      |  | STATION 50103R    |     |      |  |
|----------------|-------------------|-----|------|-------------------|-----|------|--|-------------------|-----|------|--|
| DAY            | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |  | NO. OF<br>SAMPLES | MAX | MEAN |  |
| 1              |                   |     |      | 24                | 1   | 0.3  |  | 22                | 20  | 6.3  |  |
| 2              |                   |     |      | 24                | 2   | 0.5  |  | 22                | 1   | 0.3  |  |
| 3              |                   |     |      | 24                | 1   | 0.1  |  |                   |     |      |  |
| 4              |                   |     |      | 24                | 1   | 0.8  |  | 22                | 4   | 0.5  |  |
| 5              |                   |     |      | 24                | 5   | 1.4  |  | 22                | 3   | 1.2  |  |
| 6              |                   |     |      | 24                | 2   | 0.9  |  | 22                | 1   | 0.4  |  |
| 7              |                   |     |      | 24                | 6   | 1.8  |  | 22                | 3   | 1.0  |  |
| 8              |                   |     |      | 24                | 1   | 0.8  |  | 21                | 6   | 2.4  |  |
| 9              |                   |     |      | 24                | 1   | 0.6  |  | 22                | 11  | 5.1  |  |
| 10             | 24                | 1   | 0.5  | 24                | 1   | 1.0  |  | 22                | 2   | 0.9  |  |
| 11             | 24                | 1   | 0.3  | 24                | 2   | 0.8  |  | 17                | 5   | 1.6  |  |
| 12             | 24                | 1   | 0.8  | 24                | 1   | 0.3  |  | 22                | 2   | 0.5  |  |
| 13             | 24                | 1   | 0.3  | 24                | 1   | 0.6  |  | 22                | 3   | 0.6  |  |
| 14             | 24                | 2   | 0.4  | 24                | 1   | 0.3  |  | 22                | 13  | 3.5  |  |
| 15             | 24                | 1   | 0.7  | 24                | 1   | 0.5  |  | 22                | 12  | 5.3  |  |
| 16             | 24                | 4   | 1.3  | 24                | 1   | 0.5  |  | 22                | 6   | 2.5  |  |
| 17             | 24                | 2   | 0.3  | 24                | 2   | 0.5  |  | 22                | 10  | 4.0  |  |
| 18             | 24                | 1   | 0.7  | 24                | 1   | 0.3  |  | 13                | 1   | 0.2  |  |
| 19             | 24                | 1   | 0.6  | 24                | 2   | 1.0  |  |                   |     |      |  |
| 20             | 24                | 2   | 0.8  | 24                | 1   | 0.4  |  |                   |     |      |  |
| 21             | 24                | 2   | 0.8  | 24                | 2   | 0.3  |  | 22                | 1   | 0.1  |  |
| 22             | 24                | 1   | 0.8  | 24                | 1   | 0.3  |  | 22                | 10  | 2.5  |  |
| 23             | 24                | 3   | 1.0  | 24                | 2   | 1.0  |  |                   |     |      |  |
| 24             | 24                | 3   | 0.9  | 24                | 2   | 1.4  |  | 22                | 2   | 0.5  |  |
| 25             | 24                | 1   | 0.4  | 24                | 1   | 0.7  |  | 22                | 2   | 0.2  |  |
| 26             | 24                | 2   | 0.5  | 24                | 1   | 0.3  |  | 22                | 6   | 3.1  |  |
| 27             | 24                | 2   | 1.0  | 24                | 3   | 0.8  |  | 22                | 7   | 1.2  |  |
| 28             | 24                | 1   | 0.3  | 24                | 1   | 0.2  |  | 22                | 1   | 0.0  |  |
| 29             | 24                | 1   | 0.2  | 24                | 1   | 0.2  |  | 22                | 6   | 0.8  |  |
| 30             | 24                | 1   | 0.5  | 24                | 1   | 0.3  |  | 22                | 9   | 3.6  |  |

| STATION | LOCATION            | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|---------------------|----------------------------|-------------------------|-----------------|
| 50101R  | JARRY PARK          | 504                        | 4                       | 0.6             |
| 50102R  | BOTANICAL GARDENS   | 720                        | 6                       | 0.6             |
| 50103R  | POINTE AUX TREMBLES | 557                        | 20                      | 1.9             |

MONTH: SEPTEMBER 1974

CITY: MONTREAL

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

| STATION 50104C |                   |     |      | STATION 50105C    |     |      |  | STATION 50106R    |     |      |  |
|----------------|-------------------|-----|------|-------------------|-----|------|--|-------------------|-----|------|--|
| DAY            | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |  | NO. OF<br>SAMPLES | MAX | MEAN |  |
| 1              | 22                | 1   | 0.6  | 17                | 1   | 0.9  |  |                   |     |      |  |
| 2              | 22                | 6   | 1.4  | 8                 | 4   | 2.0  |  |                   |     |      |  |
| 3              | 22                | 3   | 0.5  |                   |     |      |  |                   |     |      |  |
| 4              | 21                | 3   | 1.4  | 12                | 4   | 2.5  |  |                   |     |      |  |
| 5              | 22                | 8   | 2.9  | 9                 | 10  | 3.6  |  |                   |     |      |  |
| 6              | 22                | 6   | 2.3  | 12                | 6   | 2.6  |  |                   |     |      |  |
| 7              | 22                | 22  | 3.8  | 12                | 10  | 3.3  |  |                   |     |      |  |
| 8              | 22                | 4   | 1.4  | 11                | 1   | 0.9  |  |                   |     |      |  |
| 9              | 22                | 2   | 1.0  | 12                | 1   | 0.4  |  |                   |     |      |  |
| 10             | 22                | 3   | 1.1  | 12                | 1   | 0.1  |  |                   |     |      |  |
| 11             | 22                | 2   | 1.0  | 12                | 1   | 0.7  |  |                   |     |      |  |
| 12             | 22                | 3   | 1.6  | 12                | 1   | 0.1  |  |                   |     |      |  |
| 13             | 22                | 1   | 0.9  | 12                | 2   | 0.8  |  |                   |     |      |  |
| 14             | 22                | 2   | 0.6  | 12                | 2   | 1.3  |  |                   |     |      |  |
| 15             | 22                | 1   | 0.9  | 12                | 2   | 1.1  |  |                   |     |      |  |
| 16             | 22                | 2   | 0.8  | 12                | 1   | 0.3  |  |                   |     |      |  |
| 17             | 22                | 4   | 1.4  | 12                | 0   | 0.0  |  |                   |     |      |  |
| 18             | 22                | 7   | 2.5  | 12                | 0   | 0.0  |  |                   |     |      |  |
| 19             | 22                | 9   | 2.2  | 12                | 0   | 0.0  |  |                   |     |      |  |
| 20             | 22                | 2   | 1.3  | 12                | 0   | 0.0  |  |                   |     |      |  |
| 21             | 22                | 3   | 1.2  | 12                | 0   | 0.0  |  |                   |     |      |  |
| 22             | 22                | 1   | 0.8  | 12                | 0   | 0.0  |  |                   |     |      |  |
| 23             | 22                | 5   | 1.9  | 12                | 5   | 2.1  |  |                   |     |      |  |
| 24             | 13                | 8   | 4.1  | 12                | 11  | 4.3  |  |                   |     |      |  |
| 25             | 15                | 2   | 0.9  | 11                | 3   | 1.1  |  |                   |     |      |  |
| 26             | 22                | 3   | 1.5  | 12                | 1   | 0.6  |  |                   |     |      |  |
| 27             | 22                | 7   | 2.8  | 12                | 2   | 0.4  |  |                   |     |      |  |
| 28             | 22                | 3   | 1.6  | 12                | 0   | 0.0  |  |                   |     |      |  |
| 29             | 22                | 1   | 0.7  | 12                | 1   | 0.3  |  |                   |     |      |  |
| 30             | 22                | 2   | 0.9  | 12                | 3   | 1.3  |  |                   |     |      |  |

NO DATA  
AVAILABLE

| STATION | LOCATION           | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------|----------------------------|-------------------------|-----------------|
| 50104C  | 1125 ONTARIO, EAST | 643                        | 22                      | 1.5             |
| 50105C  | 1212 DRUMMOND      | 344                        | 11                      | 1.0             |
| 50106R  | VILLE ST. LAURENT  |                            |                         |                 |

MONTH: SEPTEMBER 1974

CITY: MONTREAL

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

| DAY | STATION 50107R             |  |  | STATION 50109C             |   |     |
|-----|----------------------------|--|--|----------------------------|---|-----|
|     | NO. OF<br>SAMPLES MAX MEAN |  |  | NO. OF<br>SAMPLES MAX MEAN |   |     |
| 1   |                            |  |  | 22                         | 0 | 0.0 |
| 2   |                            |  |  | 22                         | 1 | 0.1 |
| 3   |                            |  |  | 14                         | 1 | 0.3 |
| 4   |                            |  |  | 11                         | 1 | 1.0 |
| 5   |                            |  |  |                            |   |     |
| 6   |                            |  |  |                            |   |     |
| 7   |                            |  |  |                            |   |     |
| 8   |                            |  |  |                            |   |     |
| 9   |                            |  |  |                            |   |     |
| 10  |                            |  |  |                            |   |     |
| 11  |                            |  |  |                            |   |     |
| 12  |                            |  |  |                            |   |     |
| 13  |                            |  |  |                            |   |     |
| 14  | NO DATA<br>AVAILABLE       |  |  |                            |   |     |
| 15  |                            |  |  |                            |   |     |
| 16  |                            |  |  |                            |   |     |
| 17  |                            |  |  |                            |   |     |
| 18  |                            |  |  |                            |   |     |
| 19  |                            |  |  |                            |   |     |
| 20  |                            |  |  | 23                         | 3 | 0.8 |
| 21  |                            |  |  | 22                         | 4 | 1.8 |
| 22  |                            |  |  | 22                         | 5 | 2.4 |
| 23  |                            |  |  | 21                         | 3 | 2.0 |
| 24  |                            |  |  | 23                         | 4 | 1.6 |
| 25  |                            |  |  | 22                         | 1 | 0.9 |
| 26  |                            |  |  | 23                         | 3 | 1.6 |
| 27  |                            |  |  | 22                         | 5 | 1.1 |
| 28  |                            |  |  | 22                         | 1 | 1.0 |
| 29  |                            |  |  | 22                         | 2 | 1.2 |
| 30  |                            |  |  | 22                         | 5 | 2.7 |

| STATION | LOCATION           | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------|----------------------------|-------------------------|-----------------|
| 50107R  | VILLE LASALLE      |                            |                         |                 |
| 50109C  | DUNCAN AND DECARIE | 313                        | 5                       | 1.3             |

MONTH: SEPTEMBER 1974

CITY: MONTREAL

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

STATION 50201C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   | 22                | 1   | 0.1  |
| 2   | 22                | 1   | 0.0  |
| 3   | 23                | 0   | 0.0  |
| 4   | 22                | 0   | 0.0  |
| 5   | 22                | 1   | 0.1  |
| 6   | 22                | 1   | 0.1  |
| 7   | 22                | 0   | 0.0  |
| 8   | 22                | 3   | 0.2  |
| 9   | 23                | 1   | 0.1  |
| 10  | 22                | 0   | 0.0  |
| 11  | 22                | 1   | 0.2  |
| 12  | 22                | 1   | 0.1  |
| 13  | 16                | 2   | 0.4  |
| 14  | 22                | 1   | 0.2  |
| 15  | 22                | 1   | 0.0  |
| 16  | 22                | 0   | 0.0  |
| 17  | 22                | 1   | 0.0  |
| 18  | 22                | 1   | 0.2  |
| 19  | 23                | 2   | 0.4  |
| 20  | 22                | 0   | 0.0  |
| 21  | 22                | 1   | 0.1  |
| 22  | 22                | 1   | 0.0  |
| 23  | 22                | 1   | 0.2  |
| 24  | 22                | 2   | 0.6  |
| 25  | 23                | 0   | 0.0  |
| 26  | 22                | 1   | 0.0  |
| 27  | 22                | 8   | 0.9  |
| 28  | 22                | 0   | 0.0  |
| 29  | 22                | 0   | 0.0  |
| 30  | 22                | 1   | 0.2  |

| STATION | LOCATION       | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|----------------|----------------------------|-------------------------|-----------------|
| 50201C  | RUE PRINCIPALE | 658                        | 8                       | 0.1             |

MONTH: SEPTEMBER 1974

CITY: HULL

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

|     | STATION 50303I             | STATION 50304C             |
|-----|----------------------------|----------------------------|
| DAY | NO. OF<br>SAMPLES MAX MEAN | NO. OF<br>SAMPLES MAX MEAN |
| 1   |                            |                            |
| 2   |                            |                            |
| 3   |                            |                            |
| 4   |                            |                            |
| 5   |                            |                            |
| 6   |                            |                            |
| 7   |                            |                            |
| 8   |                            |                            |
| 9   |                            |                            |
| 10  |                            |                            |
| 11  |                            |                            |
| 12  |                            |                            |
| 13  |                            |                            |
| 14  | NO DATA                    | NO DATA                    |
| 15  |                            |                            |
| 16  | AVAILABLE                  | AVAILABLE                  |
| 17  |                            |                            |
| 18  |                            |                            |
| 19  |                            |                            |
| 20  |                            |                            |
| 21  |                            |                            |
| 22  |                            |                            |
| 23  |                            |                            |
| 24  |                            |                            |
| 25  |                            |                            |
| 26  |                            |                            |
| 27  |                            |                            |
| 28  |                            |                            |
| 29  |                            |                            |
| 30  |                            |                            |

| STATION | LOCATION                 | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------------|----------------------------|-------------------------|-----------------|
| 50303I  | CENTRE LOISIRS LIMOILLOU |                            |                         |                 |
| 50304C  | 155 DORCHESTER SOUTH     |                            |                         |                 |

MONTH: SEPTEMBER 1974

CITY: QUEBEC

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

## STATION 60101C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   | 24                | 2   | 0.4  |
| 2   | 23                | 1   | 0.0  |
| 3   | 23                | 0   | 0.0  |
| 4   | 23                | 2   | 0.7  |
| 5   | 23                | 2   | 0.4  |
| 6   | 24                | 1   | 0.2  |
| 7   | 24                | 2   | 0.5  |
| 8   | 24                | 1   | 0.2  |
| 9   | 24                | 3   | 0.8  |
| 10  | 24                | 0   | 0.0  |
| 11  | 24                | 1   | 0.1  |
| 12  | 24                | 1   | 0.4  |
| 13  | 23                | 3   | 0.5  |
| 14  | 23                | 1   | 0.4  |
| 15  | 22                | 0   | 0.0  |
| 16  | 11                | 2   | 0.7  |
| 17  |                   |     |      |
| 18  |                   |     |      |
| 19  |                   |     |      |
| 20  |                   |     |      |
| 21  |                   |     |      |
| 22  |                   |     |      |
| 23  | 14                | 3   | 1.9  |
| 24  | 22                | 2   | 0.4  |
| 25  | 22                | 1   | 0.2  |
| 26  | 22                | 2   | 0.5  |
| 27  | 22                | 1   | 0.3  |
| 28  | 22                | 0   | 0.0  |
| 29  | 22                | 0   | 0.0  |
| 30  | 22                | 6   | 2.1  |

| STATION | LOCATION         | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|------------------|----------------------------|-------------------------|-----------------|
| 60101C  | SLATER AND ELGIN | 531                        | 6                       | 0.4             |

MONTH: SEPTEMBER 1974

CITY: OTTAWA

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

| DAY | STATION 60201I    |     |      | STATION 60204C    |     |      |
|-----|-------------------|-----|------|-------------------|-----|------|
|     | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1   | 24                | 4   | 1.1  | 24                | 5   | 2.1  |
| 2   | 24                | 1   | 0.2  | 24                | 5   | 1.7  |
| 3   | 24                | 15  | 2.5  | 24                | 3   | 1.7  |
| 4   | 13                | 12  | 3.1  | 24                | 7   | 3.0  |
| 5   | 14                | 2   | 0.9  | 24                | 5   | 2.3  |
| 6   | 16                | 2   | 1.1  | 24                | 4   | 2.1  |
| 7   | 13                | 3   | 2.8  | 24                | 5   | 2.7  |
| 8   | 24                | 4   | 2.5  | 24                | 8   | 3.8  |
| 9   | 24                | 5   | 2.2  | 24                | 12  | 4.8  |
| 10  | 24                | 3   | 1.7  | 24                | 8   | 2.5  |
| 11  | 24                | 5   | 2.4  | 24                | 4   | 1.1  |
| 12  | 24                | 2   | 0.8  | 17                | 3   | 1.1  |
| 13  | 24                | 6   | 0.8  | 22                | 4   | 1.9  |
| 14  | 24                | 7   | 1.5  | 21                | 26  | 5.4  |
| 15  | 24                | 5   | 4.3  | 24                | 8   | 4.4  |
| 16  | 24                | 6   | 2.8  | 24                | 5   | 2.3  |
| 17  | 24                | 2   | 0.8  | 19                | 9   | 3.8  |
| 18  | 24                | 8   | 2.3  | 24                | 5   | 2.0  |
| 19  | 24                | 5   | 1.1  | 21                | 8   | 3.3  |
| 20  | 24                | 8   | 2.4  | 24                | 5   | 2.3  |
| 21  | 24                | 7   | 3.5  | 24                | 3   | 1.5  |
| 22  | 24                | 6   | 2.5  | 21                | 3   | 1.6  |
| 23  | 24                | 6   | 2.1  | 18                | 13  | 4.4  |
| 24  | 24                | 9   | 3.1  | 18                | 4   | 2.2  |
| 25  | 24                | 5   | 2.9  | 18                | 12  | 3.3  |
| 26  | 24                | 3   | 1.1  | 21                | 10  | 3.4  |
| 27  | 24                | 8   | 1.6  | 24                | 9   | 3.2  |
| 28  | 24                | 6   | 1.6  | 24                | 4   | 1.4  |
| 29  | 24                | 4   | 1.9  | 24                | 2   | 1.3  |
| 30  | 21                | 4   | 1.9  | 24                | 5   | 2.0  |

| STATION | LOCATION              | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|-----------------------|----------------------------|-------------------------|-----------------|
| 60201I  | MORTON TERMINAL DOCK  | 677                        | 15                      | 2.0             |
| 60204C  | 471 UNIVERSITY AVENUE | 676                        | 26                      | 2.6             |

MONTH: SEPTEMBER 1974

CITY: WINDSOR

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

| STATION 60401C |                   |     |      | STATION 60402R    |     |      |  | STATION 60403I    |     |      |  |
|----------------|-------------------|-----|------|-------------------|-----|------|--|-------------------|-----|------|--|
| DAY            | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |  | NO. OF<br>SAMPLES | MAX | MEAN |  |
| 1              | 24                | 1   | 0.2  | 24                | 2   | 0.4  |  | 24                | 1   | 0.3  |  |
| 2              | 24                | 1   | 0.2  | 24                | 0   | 0.0  |  | 24                | 1   | 0.1  |  |
| 3              | 24                | 3   | 0.4  | 20                | 1   | 0.7  |  | 24                | 1   | 0.5  |  |
| 4              | 24                | 2   | 0.3  | 24                | 2   | 1.2  |  | 13                | 3   | 1.2  |  |
| 5              | 24                | 4   | 0.7  | 22                | 1   | 1.0  |  |                   |     |      |  |
| 6              | 24                | 3   | 0.3  | 24                | 2   | 1.1  |  | 16                | 1   | 0.6  |  |
| 7              | 24                | 1   | 0.1  | 24                | 3   | 1.5  |  | 24                | 1   | 0.4  |  |
| 8              | 24                | 1   | 0.5  | 24                | 5   | 2.7  |  | 24                | 2   | 0.6  |  |
| 9              | 24                | 4   | 1.4  | 23                | 4   | 2.3  |  | 24                | 3   | 1.0  |  |
| 10             | 24                | 4   | 1.3  | 24                | 5   | 2.0  |  | 24                | 3   | 1.1  |  |
| 11             | 24                | 3   | 1.8  | 24                | 4   | 2.9  |  | 24                | 2   | 0.7  |  |
| 12             | 20                | 1   | 0.8  | 20                | 3   | 2.2  |  | 24                | 1   | 0.9  |  |
| 13             | 21                | 7   | 2.6  | 22                | 4   | 1.8  |  | 24                | 1   | 0.6  |  |
| 14             | 24                | 5   | 1.5  | 24                | 1   | 0.9  |  | 24                | 1   | 0.6  |  |
| 15             | 23                | 2   | 1.0  | 20                | 2   | 1.4  |  | 24                | 2   | 0.9  |  |
| 16             | 24                | 1   | 0.8  | 9                 | 2   | 0.9  |  | 24                | 1   | 0.8  |  |
| 17             | 24                | 6   | 1.4  | 24                | 2   | 0.3  |  | 24                | 2   | 0.8  |  |
| 18             | 24                | 1   | 0.8  | 24                | 0   | 0.0  |  | 24                | 1   | 0.1  |  |
| 19             | 21                | 7   | 1.7  | 19                | 2   | 1.1  |  | 23                | 3   | 0.9  |  |
| 20             | 24                | 1   | 0.8  | 24                | 3   | 1.7  |  | 23                | 1   | 0.3  |  |
| 21             | 24                | 3   | 0.8  | 24                | 2   | 0.8  |  | 24                | 1   | 0.5  |  |
| 22             | 23                | 1   | 0.2  | 24                | 0   | 0.0  |  | 24                | 2   | 0.5  |  |
| 23             | 18                | 8   | 2.8  | 21                | 5   | 0.9  |  | 24                | 3   | 1.1  |  |
| 24             | 22                | 10  | 1.5  | 24                | 2   | 0.7  |  | 24                | 4   | 0.8  |  |
| 25             | 14                | 1   | 0.6  | 24                | 3   | 0.7  |  | 19                | 3   | 0.4  |  |
| 26             | 24                | 3   | 0.4  | 23                | 3   | 1.2  |  | 24                | 2   | 0.8  |  |
| 27             | 24                | 2   | 0.5  | 23                | 5   | 2.4  |  | 23                | 3   | 1.3  |  |
| 28             | 24                | 2   | 0.3  | 24                | 6   | 2.3  |  | 24                | 1   | 0.9  |  |
| 29             | 24                | 0   | 0.0  | 24                | 2   | 0.8  |  | 24                | 2   | 0.3  |  |
| 30             | 24                | 1   | 0.0  | 22                | 1   | 0.3  |  | 24                | 1   | 0.8  |  |

| STATION | LOCATION                | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|-------------------------|----------------------------|-------------------------|-----------------|
| 60401C  | 67 COLLEGE STREET       | 690                        | 10                      | 0.8             |
| 60402R  | DON MILLS, SCIENCE CNTR | 676                        | 6                       | 1.2             |
| 60403I  | EVANS AND ARNOLD        | 669                        | 4                       | 0.7             |

MONTH: SEPTEMBER 1974

CITY: TORONTO

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

| DAY | STATION 60410R    |     |      | STATION 60411R    |     |      |
|-----|-------------------|-----|------|-------------------|-----|------|
|     | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1   |                   |     |      |                   |     |      |
| 2   |                   |     |      |                   |     |      |
| 3   | 12                | 1   | 0.8  | 19                | 1   | 0.3  |
| 4   | 24                | 2   | 1.2  | 24                | 1   | 0.2  |
| 5   | 24                | 2   | 0.9  | 24                | 1   | 0.7  |
| 6   | 23                | 1   | 0.7  | 24                | 2   | 0.7  |
| 7   | 24                | 1   | 0.7  | 24                | 0   | 0.0  |
| 8   | 24                | 1   | 0.9  | 24                | 1   | 0.5  |
| 9   | 24                | 2   | 0.6  | 24                | 1   | 1.0  |
| 10  | 24                | 3   | 1.1  | 24                | 2   | 1.1  |
| 11  | 24                | 2   | 0.7  | 24                | 2   | 1.5  |
| 12  | 22                | 2   | 1.2  | 24                | 3   | 0.5  |
| 13  | 23                | 3   | 1.4  | 24                | 0   | 0.0  |
| 14  | 24                | 2   | 0.6  | 24                | 0   | 0.0  |
| 15  | 24                | 2   | 1.3  | 24                | 0   | 0.0  |
| 16  | 22                | 1   | 0.8  | 23                | 1   | 0.2  |
| 17  | 24                | 4   | 2.0  | 24                | 1   | 0.3  |
| 18  | 21                | 2   | 0.9  | 24                | 0   | 0.0  |
| 19  | 24                | 2   | 1.0  | 24                | 1   | 0.1  |
| 20  | 11                | 1   | 1.0  | 24                | 1   | 0.3  |
| 21  | 24                | 3   | 1.7  | 24                | 1   | 0.9  |
| 22  | 24                | 1   | 0.7  | 24                | 1   | 0.3  |
| 23  | 23                | 4   | 1.5  | 23                | 1   | 0.1  |
| 24  | 24                | 2   | 1.3  |                   |     |      |
| 25  | 24                | 2   | 1.1  | 9                 | 3   | 0.8  |
| 26  | 24                | 4   | 1.7  | 24                | 0   | 0.0  |
| 27  | 23                | 3   | 1.7  | 23                | 0   | 0.0  |
| 28  | 24                | 2   | 1.5  | 24                | 0   | 0.0  |
| 29  | 24                | 1   | 0.6  | 24                | 0   | 0.0  |
| 30  | 24                | 1   | 0.2  | 24                | 0   | 0.0  |

| STATION | LOCATION             | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|----------------------|----------------------------|-------------------------|-----------------|
| 60410R  | LAWRENCE AND KENNEDY | 636                        | 4                       | 1.1             |
| 60411R  | PHARMACY AND HWY 401 | 625                        | 3                       | 0.3             |

MONTH: SEPTEMBER 1974

CITY: TORONTO

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

| DAY | STATION 60501C    |     |      | STATION 60505R    |     |      |
|-----|-------------------|-----|------|-------------------|-----|------|
|     | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1   | 24                | 3   | 0.6  | 24                | 1   | 0.1  |
| 2   | 24                | 2   | 0.7  | 24                | 0   | 0.0  |
| 3   | 24                | 6   | 2.0  | 24                | 4   | 1.2  |
| 4   | 24                | 4   | 1.2  | 24                | 3   | 1.5  |
| 5   | 24                | 5   | 2.2  | 24                | 2   | 1.6  |
| 6   | 21                | 5   | 2.9  | 24                | 2   | 1.2  |
| 7   | 24                | 5   | 2.5  | 24                | 2   | 2.0  |
| 8   | 24                | 4   | 1.9  | 24                | 6   | 3.3  |
| 9   | 23                | 3   | 1.3  | 23                | 8   | 5.2  |
| 10  | 24                | 3   | 0.7  | 24                | 5   | 2.8  |
| 11  | 24                | 2   | 0.4  | 24                | 6   | 3.5  |
| 12  | 20                | 6   | 0.9  | 24                | 5   | 1.8  |
| 13  |                   |     |      | 24                | 4   | 1.8  |
| 14  | 24                | 0   | 0.0  | 24                | 5   | 1.0  |
| 15  | 24                | 1   | 0.3  | 24                | 8   | 3.2  |
| 16  | 24                | 1   | 0.6  | 23                | 5   | 1.0  |
| 17  | 24                | 2   | 1.3  | 24                | 4   | 2.3  |
| 18  | 24                | 7   | 2.5  | 12                | 0   | 0.0  |
| 19  | 21                | 5   | 2.9  | 24                | 2   | 0.8  |
| 20  | 23                | 4   | 1.4  | 24                | 5   | 1.9  |
| 21  | 24                | 2   | 1.0  | 24                | 3   | 1.3  |
| 22  | 23                | 3   | 0.7  | 24                | 3   | 1.1  |
| 23  | 18                | 4   | 1.6  | 23                | 2   | 0.9  |
| 24  | 18                | 5   | 1.7  | 24                | 4   | 2.2  |
| 25  | 18                | 3   | 1.6  | 24                | 5   | 2.8  |
| 26  | 24                | 2   | 1.0  | 24                | 8   | 4.0  |
| 27  | 24                | 5   | 2.4  | 24                | 8   | 5.8  |
| 28  | 24                | 1   | 0.8  | 24                | 4   | 3.3  |
| 29  | 24                | 1   | 0.4  | 24                | 4   | 2.5  |
| 30  | 24                | 5   | 1.3  | 23                | 2   | 1.1  |

| STATION | LOCATION           | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------|----------------------------|-------------------------|-----------------|
| 60501C  | BARTON AND SANFORD | 665                        | 7                       | 1.3             |
| 60505R  | NORTH PARK         | 704                        | 8                       | 2.1             |

MONTH: SEPTEMBER 1974

CITY: HAMILTON

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

## STATION 60602R

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   | 24                | 11  | 2.1  |
| 2   | 24                | 2   | 1.2  |
| 3   | 24                | 2   | 1.0  |
| 4   | 24                | 12  | 2.5  |
| 5   | 24                | 27  | 7.1  |
| 6   | 24                | 10  | 3.8  |
| 7   | 24                | 6   | 3.0  |
| 8   | 24                | 18  | 4.7  |
| 9   | 24                | 6   | 4.1  |
| 10  | 24                | 5   | 2.3  |
| 11  | 24                | 3   | 1.4  |
| 12  | 20                | 15  | 3.1  |
| 13  | 22                | 4   | 1.8  |
| 14  | 24                | 8   | 2.0  |
| 15  | 24                | 10  | 2.4  |
| 16  | 24                | 9   | 3.0  |
| 17  | 24                | 6   | 3.3  |
| 18  | 24                | 5   | 3.0  |
| 19  | 20                | 5   | 1.8  |
| 20  | 24                | 4   | 2.3  |
| 21  | 24                | 5   | 2.7  |
| 22  | 23                | 10  | 2.4  |
| 23  | 18                | 23  | 5.4  |
| 24  | 18                | 4   | 2.3  |
| 25  | 18                | 4   | 2.5  |
| 26  | 24                | 12  | 3.5  |
| 27  | 19                | 5   | 2.6  |
| 28  | 18                | 10  | 5.5  |
| 29  | 24                | 9   | 5.6  |
| 30  | 24                | 6   | 3.1  |

| STATION | LOCATION   | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|------------|----------------------------|-------------------------|-----------------|
| 60602R  | ASH STREET | 680                        | 27                      | 3.0             |

MONTH: SEPTEMBER 1974

CITY: SUDBURY

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DICXYDE DE SOUFRE

STATION 60901C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   | 24                | 2   | 1.3  |
| 2   | 24                | 2   | 2.0  |
| 3   | 17                | 2   | 1.8  |
| 4   | 24                | 6   | 2.1  |
| 5   | 23                | 4   | 1.0  |
| 6   | 24                | 4   | 0.5  |
| 7   | 24                | 1   | 0.6  |
| 8   | 24                | 1   | 1.0  |
| 9   | 24                | 1   | 0.5  |
| 10  | 22                | 1   | 0.6  |
| 11  | 24                | 0   | 0.0  |
| 12  | 4                 | 0   | 0.0  |
| 13  | 24                | 0   | 0.0  |
| 14  | 24                | 4   | 0.2  |
| 15  | 23                | 6   | 0.4  |
| 16  | 24                | 0   | 0.0  |
| 17  | 24                | 0   | 0.0  |
| 18  | 24                | 0   | 0.0  |
| 19  | 23                | 1   | 0.2  |
| 20  | 23                | 0   | 0.0  |
| 21  | 24                | 0   | 0.0  |
| 22  | 24                | 0   | 0.0  |
| 23  | 23                | 1   | 0.3  |
| 24  | 21                | 2   | 0.4  |
| 25  | 24                | 1   | 0.8  |
| 26  | 23                | 1   | 0.5  |
| 27  | 24                | 1   | 0.6  |
| 28  | 24                | 1   | 0.5  |
| 29  | 24                | 1   | 0.9  |
| 30  | 18                | 0   | 0.0  |

| STATION | LOCATION         | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|------------------|----------------------------|-------------------------|-----------------|
| 60901C  | KING AND RECTORY | 676                        | 6                       | 0.5             |

MONTH: SEPTEMBER 1974

CITY: LONDON

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

## STATION 61001C

DAY NO. OF  
SAMPLES MAX MEAN

|    |    |    |      |
|----|----|----|------|
| 1  |    |    |      |
| 2  |    |    |      |
| 3  |    |    |      |
| 4  |    |    |      |
| 5  |    |    |      |
| 6  |    |    |      |
| 7  | 12 | 7  | 3.1  |
| 8  | 16 | 7  | 4.4  |
| 9  | 24 | 17 | 7.5  |
| 10 | 21 | 29 | 8.4  |
| 11 | 24 | 13 | 9.8  |
| 12 | 20 | 7  | 2.8  |
| 13 | 23 | 9  | 1.9  |
| 14 | 24 | 1  | 0.3  |
| 15 | 24 | 14 | 3.6  |
| 16 | 24 | 22 | 2.2  |
| 17 | 24 | 12 | 2.8  |
| 18 | 23 | 4  | 0.9  |
| 19 | 22 | 37 | 8.3  |
| 20 | 24 | 7  | 1.0  |
| 21 | 24 | 2  | 0.2  |
| 22 | 24 | 9  | 0.7  |
| 23 | 23 | 7  | 1.4  |
| 24 | 24 | 24 | 6.0  |
| 25 | 24 | 13 | 2.8  |
| 26 | 23 | 21 | 5.3  |
| 27 | 24 | 38 | 12.0 |
| 28 | 24 | 21 | 7.2  |
| 29 | 24 | 12 | 2.2  |
| 30 | 24 | 28 | 4.5  |

| STATION | LOCATION            | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|---------------------|----------------------------|-------------------------|-----------------|
| 61001C  | 156 VICTORIA STREET | 543                        | 38                      | 4.1             |

MONTH: SEPTEMBER 1974

CITY: SARNIA

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

| STATION 70101C |                            |   |     | STATION 70102R             |   |     |  | STATION 70103R             |   |     |  |
|----------------|----------------------------|---|-----|----------------------------|---|-----|--|----------------------------|---|-----|--|
| DAY            | NO. OF<br>SAMPLES MAX MEAN |   |     | NO. OF<br>SAMPLES MAX MEAN |   |     |  | NO. OF<br>SAMPLES MAX MEAN |   |     |  |
| 1              |                            |   |     |                            |   |     |  | 22                         | 0 | 0.0 |  |
| 2              |                            |   |     |                            |   |     |  | 22                         | 0 | 0.0 |  |
| 3              |                            |   |     |                            |   |     |  | 22                         | 0 | 0.0 |  |
| 4              |                            |   |     |                            |   |     |  | 22                         | 0 | 0.0 |  |
| 5              |                            |   |     |                            |   |     |  | 24                         | 0 | 0.0 |  |
| 6              |                            |   |     |                            |   |     |  | 18                         | 0 | 0.0 |  |
| 7              |                            |   |     |                            |   |     |  | 24                         | 0 | 0.0 |  |
| 8              |                            |   |     |                            |   |     |  | 24                         | 1 | 0.0 |  |
| 9              |                            |   |     |                            |   |     |  | 24                         | 0 | 0.0 |  |
| 10             |                            |   |     |                            |   |     |  | 24                         | 0 | 0.0 |  |
| 11             |                            |   |     |                            |   |     |  | 24                         | 0 | 0.0 |  |
| 12             |                            |   |     |                            |   |     |  | 22                         | 0 | 0.0 |  |
| 13             |                            |   |     | 10                         | 0 | 0.0 |  | 18                         | 0 | 0.0 |  |
| 14             |                            |   |     | 20                         | 0 | 0.0 |  | 13                         | 1 | 0.0 |  |
| 15             |                            |   |     | 20                         | 0 | 0.0 |  | 24                         | 1 | 0.0 |  |
| 16             |                            |   |     | 20                         | 0 | 0.0 |  | 24                         | 0 | 0.0 |  |
| 17             | 7                          | 1 | 0.1 | 20                         | 0 | 0.0 |  | 21                         | 1 | 0.3 |  |
| 18             | 20                         | 1 | 0.1 | 20                         | 0 | 0.0 |  | 24                         | 0 | 0.0 |  |
| 19             | 23                         | 3 | 0.2 | 20                         | 0 | 0.0 |  | 21                         | 0 | 0.0 |  |
| 20             | 21                         | 2 | 0.1 | 20                         | 0 | 0.0 |  | 24                         | 1 | 0.0 |  |
| 21             | 19                         | 2 | 0.2 | 20                         | 0 | 0.0 |  | 24                         | 0 | 0.0 |  |
| 22             | 22                         | 1 | 0.1 | 20                         | 0 | 0.0 |  | 24                         | 0 | 0.0 |  |
| 23             | 21                         | 1 | 0.1 | 20                         | 0 | 0.0 |  | 23                         | 1 | 0.1 |  |
| 24             | 20                         | 1 | 0.0 | 22                         | 0 | 0.0 |  | 22                         | 1 | 0.0 |  |
| 25             | 21                         | 1 | 0.0 | 22                         | 1 | 0.1 |  | 20                         | 1 | 0.0 |  |
| 26             | 22                         | 1 | 0.1 | 22                         | 0 | 0.0 |  | 22                         | 1 | 0.1 |  |
| 27             | 21                         | 0 | 0.0 | 22                         | 1 | 0.1 |  | 24                         | 0 | 0.0 |  |
| 28             | 19                         | 1 | 0.0 | 22                         | 1 | 0.1 |  | 20                         | 1 | 0.0 |  |
| 29             |                            |   |     | 22                         | 0 | 0.0 |  | 24                         | 2 | 0.5 |  |
| 30             |                            |   |     | 22                         | 0 | 0.0 |  | 24                         | 1 | 0.4 |  |

| STATION | LOCATION            | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|---------------------|----------------------------|-------------------------|-----------------|
| 70101C  | 270 OSBORNE STREET  | 236                        | 3                       | 0.1             |
| 70102R  | PORTAGE AT WOODLAWN | 364                        | 1                       | 0.0             |
| 70103R  | HARTFORD AT MAIN    | 668                        | 2                       | 0.1             |

MONTH: SEPTEMBER 1974

CITY: WINNIPEG

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

STATION 70104I

DAY NO. OF  
SAMPLES MAX MEAN

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30

NO DATA

AVAILABLE

| STATION | LOCATION          | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|-------------------|----------------------------|-------------------------|-----------------|
| 70104I  | UNION STOCK YARDS |                            |                         |                 |

MONTH: SEPTEMBER 1974

CITY: WINNIPEG

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

STATION 70201C

DAY NO. OF  
SAMPLES MAX MEAN

|    |    |   |     |
|----|----|---|-----|
| 1  |    |   |     |
| 2  |    |   |     |
| 3  |    |   |     |
| 4  |    |   |     |
| 5  |    |   |     |
| 6  |    |   |     |
| 7  |    |   |     |
| 8  |    |   |     |
| 9  |    |   |     |
| 10 |    |   |     |
| 11 |    |   |     |
| 12 |    |   |     |
| 13 |    |   |     |
| 14 |    |   |     |
| 15 |    |   |     |
| 16 |    |   |     |
| 17 |    |   |     |
| 18 |    |   |     |
| 19 |    |   |     |
| 20 |    |   |     |
| 21 |    |   |     |
| 22 |    |   |     |
| 23 |    |   |     |
| 24 |    |   |     |
| 25 |    |   |     |
| 26 |    |   |     |
| 27 |    |   |     |
| 28 |    |   |     |
| 29 |    |   |     |
| 30 | 16 | 0 | 0.0 |

| STATION | LOCATION                 | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------------|----------------------------|-------------------------|-----------------|
| 70201C  | 11TH ST. & PRINCESS AVE. | 16                         | 0                       | 0.0             |

MONTH: SEPTEMBER 1974

CITY: BRANDON

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

## STATION 80108C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   | 20                | 0   | 0.0  |
| 2   | 20                | 0   | 0.0  |
| 3   | 20                | 0   | 0.0  |
| 4   | 20                | 0   | 0.0  |
| 5   | 20                | 0   | 0.0  |
| 6   | 20                | 0   | 0.0  |
| 7   | 20                | 0   | 0.0  |
| 8   | 20                | 0   | 0.0  |
| 9   | 20                | 0   | 0.0  |
| 10  | 20                | 0   | 0.0  |
| 11  | 20                | 0   | 0.0  |
| 12  | 20                | 0   | 0.0  |
| 13  | 20                | 0   | 0.0  |
| 14  | 20                | 0   | 0.0  |
| 15  | 20                | 0   | 0.0  |
| 16  | 20                | 0   | 0.0  |
| 17  | 20                | 0   | 0.0  |
| 18  | 20                | 0   | 0.0  |
| 19  | 20                | 0   | 0.0  |
| 20  | 20                | 0   | 0.0  |
| 21  | 20                | 0   | 0.0  |
| 22  | 20                | 0   | 0.0  |
| 23  | 6                 | 0   | 0.0  |
| 24  |                   |     |      |
| 25  |                   |     |      |
| 26  |                   |     |      |
| 27  |                   |     |      |
| 28  |                   |     |      |
| 29  |                   |     |      |
| 30  |                   |     |      |

| STATION | LOCATION       | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|----------------|----------------------------|-------------------------|-----------------|
| 80108C  | 12TH AND SMITH | 446                        | 0                       | 0.0             |

MONTH: SEPTEMBER 1974

CITY: REGINA

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

STATION 80202C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   | 22                | 0   | 0.0  |
| 2   | 22                | 0   | 0.0  |
| 3   | 22                | 0   | 0.0  |
| 4   | 22                | 0   | 0.0  |
| 5   | 22                | 0   | 0.0  |
| 6   | 22                | 0   | 0.0  |
| 7   | 22                | 0   | 0.0  |
| 8   | 22                | 0   | 0.0  |
| 9   | 22                | 0   | 0.0  |
| 10  | 22                | 0   | 0.0  |
| 11  | 22                | 0   | 0.0  |
| 12  | 22                | 0   | 0.0  |
| 13  | 22                | 0   | 0.0  |
| 14  | 22                | 0   | 0.0  |
| 15  | 22                | 0   | 0.0  |
| 16  | 11                | 0   | 0.0  |
| 17  | 13                | 0   | 0.0  |
| 18  | 22                | 0   | 0.0  |
| 19  | 22                | 0   | 0.0  |
| 20  | 22                | 0   | 0.0  |
| 21  | 22                | 0   | 0.0  |
| 22  | 22                | 0   | 0.0  |
| 23  | 22                | 0   | 0.0  |
| 24  | 22                | 0   | 0.0  |
| 25  | 22                | 0   | 0.0  |
| 26  | 22                | 0   | 0.0  |
| 27  | 22                | 0   | 0.0  |
| 28  | 22                | 0   | 0.0  |
| 29  | 22                | 0   | 0.0  |
| 30  | 22                | 0   | 0.0  |

| STATION | LOCATION     | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------|----------------------------|-------------------------|-----------------|
| 80202C  | CITY LIBRARY | 640                        | 0                       | 0.0             |

MONTH: SEPTEMBER 1974

CITY: SASKATOON

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

## STATION 80301C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   | 20                | 0   | 0.0  |
| 2   | 20                | 0   | 0.0  |
| 3   | 20                | 0   | 0.0  |
| 4   | 20                | 0   | 0.0  |
| 5   | 20                | 0   | 0.0  |
| 6   | 20                | 0   | 0.0  |
| 7   | 20                | 0   | 0.0  |
| 8   | 20                | 0   | 0.0  |
| 9   | 20                | 0   | 0.0  |
| 10  | 19                | 0   | 0.0  |
| 11  | 19                | 0   | 0.0  |
| 12  | 19                | 0   | 0.0  |
| 13  | 20                | 0   | 0.0  |
| 14  | 20                | 0   | 0.0  |
| 15  | 20                | 0   | 0.0  |
| 16  | 20                | 0   | 0.0  |
| 17  | 20                | 0   | 0.0  |
| 18  | 20                | 0   | 0.0  |
| 19  | 20                | 0   | 0.0  |
| 20  | 20                | 0   | 0.0  |
| 21  | 20                | 0   | 0.0  |
| 22  | 20                | 0   | 0.0  |
| 23  | 20                | 0   | 0.0  |
| 24  | 20                | 0   | 0.0  |
| 25  | 20                | 0   | 0.0  |
| 26  | 20                | 0   | 0.0  |
| 27  | 9                 | 0   | 0.0  |
| 28  |                   |     |      |
| 29  |                   |     |      |
| 30  |                   |     |      |

| STATION | LOCATION           | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------|----------------------------|-------------------------|-----------------|
| 80301C  | TELEPHONE BUILDING | 526                        | 0                       | 0.0             |

MONTH: SEPTEMBER 1974

CITY: MOOSE JAW

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

| STATION 90114C |                   |     |      | STATION 90121I    |     |      |  | STATION 90122R    |     |      |  |
|----------------|-------------------|-----|------|-------------------|-----|------|--|-------------------|-----|------|--|
| DAY            | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |  | NO. OF<br>SAMPLES | MAX | MEAN |  |
| 1              | 22                | 0   | 0.0  | 22                | 3   | 0.3  |  | 22                | 0   | 0.0  |  |
| 2              | 22                | 0   | 0.0  | 22                | 0   | 0.0  |  | 22                | 0   | 0.0  |  |
| 3              | 22                | 0   | 0.0  | 22                | 0   | 0.0  |  | 22                | 0   | 0.0  |  |
| 4              | 22                | 0   | 0.0  | 22                | 2   | 0.3  |  | 22                | 0   | 0.0  |  |
| 5              | 23                | 0   | 0.0  | 22                | 0   | 0.0  |  | 22                | 0   | 0.0  |  |
| 6              | 22                | 0   | 0.0  | 22                | 1   | 0.0  |  | 22                | 0   | 0.0  |  |
| 7              | 22                | 0   | 0.0  | 22                | 0   | 0.0  |  | 22                | 0   | 0.0  |  |
| 8              | 22                | 0   | 0.0  | 22                | 0   | 0.0  |  | 22                | 0   | 0.0  |  |
| 9              | 22                | 1   | 0.0  | 22                | 0   | 0.0  |  | 22                | 0   | 0.0  |  |
| 10             | 22                | 0   | 0.0  | 22                | 0   | 0.0  |  | 22                | 0   | 0.0  |  |
| 11             | 22                | 0   | 0.0  | 22                | 0   | 0.0  |  | 22                | 0   | 0.0  |  |
| 12             | 22                | 0   | 0.0  | 22                | 2   | 0.5  |  | 22                | 0   | 0.0  |  |
| 13             | 22                | 0   | 0.0  | 22                | 1   | 0.3  |  | 22                | 0   | 0.0  |  |
| 14             | 22                | 0   | 0.0  | 22                | 2   | 0.3  |  | 22                | 0   | 0.0  |  |
| 15             | 22                | 0   | 0.0  | 22                | 1   | 0.2  |  | 22                | 0   | 0.0  |  |
| 16             | 22                | 0   | 0.0  | 22                | 1   | 0.1  |  | 22                | 0   | 0.0  |  |
| 17             | 22                | 0   | 0.0  | 22                | 0   | 0.0  |  | 22                | 0   | 0.0  |  |
| 18             | 22                | 0   | 0.0  | 22                | 2   | 0.2  |  | 22                | 0   | 0.0  |  |
| 19             | 22                | 0   | 0.0  | 22                | 2   | 0.1  |  | 22                | 0   | 0.0  |  |
| 20             | 22                | 0   | 0.0  | 22                | 2   | 0.1  |  | 22                | 0   | 0.0  |  |
| 21             | 22                | 0   | 0.0  | 22                | 3   | 0.4  |  | 22                | 1   | 0.0  |  |
| 22             | 22                | 0   | 0.0  | 22                | 3   | 0.5  |  | 22                | 0   | 0.0  |  |
| 23             | 22                | 0   | 0.0  | 22                | 1   | 0.0  |  | 22                | 0   | 0.0  |  |
| 24             | 22                | 0   | 0.0  | 22                | 3   | 0.2  |  | 22                | 0   | 0.0  |  |
| 25             | 22                | 0   | 0.0  | 22                | 3   | 0.5  |  | 22                | 0   | 0.0  |  |
| 26             | 21                | 0   | 0.0  | 22                | 0   | 0.0  |  | 22                | 0   | 0.0  |  |
| 27             | 22                | 0   | 0.0  | 22                | 1   | 0.1  |  | 22                | 0   | 0.0  |  |
| 28             | 2                 | 0   | 0.0  | 19                | 0   | 0.0  |  | 22                | 0   | 0.0  |  |
| 29             |                   |     |      |                   |     |      |  | 22                | 0   | 0.0  |  |
| 30             | 9                 | 0   | 0.0  | 9                 | 0   | 0.0  |  | 22                | 0   | 0.0  |  |

| STATION | LOCATION                 | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------------|----------------------------|-------------------------|-----------------|
| 90114C  | 109 STREET AND 98 AVENUE | 605                        | 1                       | 0.0             |
| 90121I  | 17 STREET AND 105 AVENUE | 622                        | 3                       | 0.2             |
| 90122R  | 127 ST. AND 133 AVENUE   | 660                        | 1                       | 0.0             |

MONTH: SEPTEMBER 1974

CITY: EDMONTON

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

| STATION 90218I |                   |     |      | STATION 90219C    |     |      |  | STATION 90222R    |     |      |  |
|----------------|-------------------|-----|------|-------------------|-----|------|--|-------------------|-----|------|--|
| DAY            | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |  | NO. OF<br>SAMPLES | MAX | MEAN |  |
| 1              | 22                | 2   | 0.5  | 22                | 0   | 0.0  |  | 24                | 2   | 0.1  |  |
| 2              | 22                | 3   | 0.7  | 22                | 1   | 0.1  |  | 24                | 3   | 0.3  |  |
| 3              | 22                | 3   | 0.8  | 22                | 0   | 0.0  |  | 24                | 0   | 0.0  |  |
| 4              | 22                | 2   | 0.5  | 19                | 1   | 0.8  |  | 24                | 1   | 0.3  |  |
| 5              | 22                | 2   | 0.4  | 22                | 2   | 0.3  |  | 24                | 3   | 0.3  |  |
| 6              | 22                | 1   | 0.0  | 22                | 0   | 0.0  |  | 24                | 2   | 0.2  |  |
| 7              | 22                | 2   | 0.2  | 22                | 1   | 0.0  |  | 24                | 1   | 0.0  |  |
| 8              | 22                | 0   | 0.0  | 22                | 0   | 0.0  |  | 24                | 1   | 0.0  |  |
| 9              | 22                | 1   | 0.1  | 22                | 0   | 0.0  |  | 24                | 1   | 0.0  |  |
| 10             | 22                | 0   | 0.0  | 22                | 0   | 0.0  |  | 24                | 1   | 0.0  |  |
| 11             | 22                | 2   | 0.2  | 22                | 1   | 0.0  |  | 24                | 1   | 0.0  |  |
| 12             | 22                | 0   | 0.0  | 22                | 0   | 0.0  |  | 24                | 1   | 0.0  |  |
| 13             | 22                | 0   | 0.0  | 22                | 0   | 0.0  |  | 24                | 1   | 0.0  |  |
| 14             | 22                | 3   | 0.4  | 22                | 0   | 0.0  |  | 24                | 1   | 0.0  |  |
| 15             | 22                | 2   | 0.2  | 22                | 0   | 0.0  |  | 24                | 0   | 0.0  |  |
| 16             | 22                | 2   | 0.5  | 22                | 0   | 0.0  |  | 22                | 0   | 0.0  |  |
| 17             | 22                | 1   | 0.3  | 22                | 0   | 0.0  |  | 22                | 1   | 0.1  |  |
| 18             | 21                | 0   | 0.0  | 17                | 0   | 0.0  |  | 22                | 2   | 0.1  |  |
| 19             | 19                | 3   | 0.9  | 22                | 1   | 0.0  |  | 22                | 1   | 0.0  |  |
| 20             | 22                | 2   | 0.3  | 22                | 0   | 0.0  |  | 24                | 1   | 0.6  |  |
| 21             | 22                | 0   | 0.0  | 22                | 1   | 0.0  |  | 24                | 0   | 0.0  |  |
| 22             | 22                | 1   | 0.0  | 11                | 1   | 0.2  |  | 24                | 0   | 0.0  |  |
| 23             | 22                | 2   | 0.1  | 22                | 1   | 0.0  |  | 24                | 0   | 0.0  |  |
| 24             | 22                | 2   | 0.2  | 11                | 1   | 0.2  |  | 23                | 1   | 0.1  |  |
| 25             | 22                | 11  | 2.5  | 22                | 0   | 0.0  |  | 22                | 1   | 0.1  |  |
| 26             | 22                | 5   | 1.4  | 22                | 0   | 0.0  |  | 24                | 0   | 0.0  |  |
| 27             | 22                | 1   | 0.1  | 22                | 0   | 0.0  |  | 24                | 0   | 0.0  |  |
| 28             | 22                | 2   | 0.1  | 22                | 0   | 0.0  |  | 24                | 0   | 0.0  |  |
| 29             | 22                | 1   | 0.0  | 22                | 0   | 0.0  |  | 24                | 1   | 0.1  |  |
| 30             | 22                | 0   | 0.0  | 22                | 0   | 0.0  |  | 24                | 1   | 0.0  |  |

| STATION | LOCATION                 | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------------|----------------------------|-------------------------|-----------------|
| 90218I  | BONNY BRK & 18A ST. S.E. | 656                        | 11                      | 0.4             |
| 90219C  | 620-7TH AVENUE, S.W.     | 630                        | 2                       | 0.1             |
| 90222R  | 39 ST. AND 29 AVE. N.W.  | 709                        | 3                       | 0.1             |

MONTH: SEPTEMBER 1974

CITY: CALGARY

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

| STATION 00105C |                   |     |      | STATION 00106R    |     |      |  | STATION 00108I    |     |      |  |
|----------------|-------------------|-----|------|-------------------|-----|------|--|-------------------|-----|------|--|
| DAY            | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |  | NO. OF<br>SAMPLES | MAX | MEAN |  |
| 1              | 22                | 2   | 0.6  |                   |     |      |  | 22                | 0   | 0.0  |  |
| 2              | 22                | 3   | 1.4  |                   |     |      |  | 22                | 1   | 0.0  |  |
| 3              | 22                | 3   | 1.2  |                   |     |      |  | 21                | 1   | 0.0  |  |
| 4              | 22                | 1   | 0.2  |                   |     |      |  | 22                | 0   | 0.0  |  |
| 5              | 20                | 2   | 0.5  |                   |     |      |  | 22                | 0   | 0.0  |  |
| 6              | 13                | 0   | 0.0  |                   |     |      |  | 22                | 0   | 0.0  |  |
| 7              |                   |     |      |                   |     |      |  | 22                | 1   | 0.2  |  |
| 8              |                   |     |      |                   |     |      |  | 22                | 0   | 0.0  |  |
| 9              |                   |     |      |                   |     |      |  | 22                | 0   | 0.0  |  |
| 10             |                   |     |      |                   |     |      |  | 22                | 0   | 0.0  |  |
| 11             | 14                | 2   | 0.3  |                   |     |      |  | 22                | 1   | 0.0  |  |
| 12             | 22                | 3   | 0.6  |                   |     |      |  | 22                | 1   | 0.0  |  |
| 13             |                   |     |      |                   |     |      |  | 22                | 0   | 0.0  |  |
| 14             |                   |     |      | NO DATA           |     |      |  | 20                | 1   | 0.1  |  |
| 15             |                   |     |      | AVAILABLE         |     |      |  | 22                | 1   | 0.1  |  |
| 16             | 15                | 2   | 0.4  |                   |     |      |  | 22                | 0   | 0.0  |  |
| 17             | 22                | 1   | 0.2  |                   |     |      |  | 22                | 1   | 0.1  |  |
| 18             | 22                | 2   | 0.4  |                   |     |      |  | 22                | 1   | 0.1  |  |
| 19             | 22                | 2   | 0.6  |                   |     |      |  | 22                | 0   | 0.0  |  |
| 20             | 22                | 2   | 0.3  |                   |     |      |  | 22                | 1   | 0.1  |  |
| 21             | 22                | 0   | 0.0  |                   |     |      |  | 22                | 1   | 0.1  |  |
| 22             | 22                | 1   | 0.0  |                   |     |      |  | 22                | 0   | 0.0  |  |
| 23             | 22                | 2   | 0.3  |                   |     |      |  | 22                | 1   | 0.1  |  |
| 24             | 22                | 3   | 1.7  |                   |     |      |  | 22                | 1   | 0.0  |  |
| 25             | 22                | 3   | 0.9  |                   |     |      |  | 22                | 1   | 0.1  |  |
| 26             | 22                | 1   | 0.1  |                   |     |      |  | 22                | 0   | 0.0  |  |
| 27             | 22                | 2   | 0.6  |                   |     |      |  | 22                | 1   | 0.1  |  |
| 28             | 22                | 2   | 0.7  |                   |     |      |  | 22                | 0   | 0.0  |  |
| 29             | 22                | 2   | 0.8  |                   |     |      |  | 22                | 1   | 0.2  |  |
| 30             | 22                | 4   | 2.0  |                   |     |      |  | 22                | 2   | 0.1  |  |

| STATION | LOCATION                 | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------------|----------------------------|-------------------------|-----------------|
| 00105C  | 739 WEST HASTINGS STREET | 480                        | 4                       | 0.6             |
| 00106R  | 2294 WEST 10TH AVENUE    |                            |                         |                 |
| 00108I  | 250 WEST 70TH AVENUE     | 657                        | 2                       | 0.1             |

MONTH: SEPTEMBER 1974

CITY: VANCOUVER

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

STATION 00301C

DAY NO. OF  
SAMPLES MAX MEAN

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30

NO DATA

AVAILABLE

| STATION | LOCATION                 | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------------|----------------------------|-------------------------|-----------------|
| 00301C  | POLICE STATION, FISGUARD |                            |                         |                 |

MONTH: SEPTEMBER 1974

CITY: VICTORIA

SUMMARY OF SULFUR DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

STATION 09001C

| DAY | NO. OF<br>SAMPLES MAX MEAN |   |     |
|-----|----------------------------|---|-----|
| 1   |                            |   |     |
| 2   |                            |   |     |
| 3   |                            |   |     |
| 4   |                            |   |     |
| 5   |                            |   |     |
| 6   |                            |   |     |
| 7   |                            |   |     |
| 8   |                            |   |     |
| 9   |                            |   |     |
| 10  |                            |   |     |
| 11  |                            |   |     |
| 12  |                            |   |     |
| 13  |                            |   |     |
| 14  |                            |   |     |
| 15  |                            |   |     |
| 16  |                            |   |     |
| 17  |                            |   |     |
| 18  |                            |   |     |
| 19  |                            |   |     |
| 20  |                            |   |     |
| 21  |                            |   |     |
| 22  |                            |   |     |
| 23  |                            |   |     |
| 24  |                            |   |     |
| 25  |                            |   |     |
| 26  |                            |   |     |
| 27  | 7                          | 1 | 0.4 |
| 28  | 20                         | 2 | 1.2 |
| 29  | 20                         | 2 | 1.5 |
| 30  | 20                         | 3 | 0.8 |

| STATION | LOCATION         | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|------------------|----------------------------|-------------------------|-----------------|
| 09001C  | FEDERAL BUILDING | 67                         | 3                       | 1.1             |

MONTH: SEPTEMBER 1974

CITY: WHITEHORSE

## **CARBON MONOXIDE**

Carbon monoxide is measured continuously, by non-dispersive infrared spectrometry (NDIR). In all instruments air passes at a controlled rate through an air pump, a filter media to remove moisture and particulates and into the analyzer. Subsequent analysis is carried out by comparing the infrared energy absorbed by the air sample to that absorbed by a reference cell. The difference in energy is converted electro-mechanically to a carbon monoxide reading.

The data are reported as hourly maxima, 24 hour daily averages, maximum 8 hour running averages and monthly averages. Units used are parts per million by volume of air sampled.

## **MONOXYDE DE CARBONE**

Le monoxyde de carbone se mesure de façon continue par spectrométrie non dispersive. Dans tous les instruments, l'air passe à débit contrôlé par une pompe à air, par un milieu filtrant qui élimine l'humidité et les particules et ensuite par la cellule d'analyse. L'analyse consiste en une comparaison entre l'énergie de rayonnement infra-rouge absorbée par l'échantillon et celle qu'absorbe les gaz présents dans la cellule de référence. La différence d'énergie est transformée électro-mécaniquement en une lecture de monoxyde de carbone.

On présente les données sous forme de maxima horaires, de moyennes journalières de 24 heures, de maxima des moyennes cumulées de 8 heures et de moyennes mensuelles. Les unités utilisées sont des parties par million en volume d'air échantillonné.

STATIONS MEASURING CARBON MONOXIDE  
STATIONS MESURANT LE MONOXYDE DE CARBONE

|       |     |    |           |                          |
|-------|-----|----|-----------|--------------------------|
| 50103 | R,P | 16 | MONTREAL  | PCINTE AUX TREMBLES      |
| 50104 | C,F | 45 | MONTREAL  | 1125 ONTARIO, EAST       |
| 50304 | C,F | 15 | QUEBEC    | 155 DORCHESTER SOUTH     |
| 60101 | C,F | 12 | OTTAWA    | SLATER AND ELGIN         |
| 60204 | C,P | 25 | WINDSOR   | 471 UNIVERSITY AVENUE    |
| 60401 | C,P | 60 | TORONTO   | 67 COLLEGE STREET        |
| 60402 | R,P | 55 | TORONTO   | DCN MILLS, SCIENCE CNTR  |
| 60403 | I,P | 10 | TORONTO   | EVANS AND ARNOLD         |
| 60410 | R,P | 16 | TORONTO   | LAWRENCE AND KENNEDY     |
| 60411 | R,P | 8  | TORONTO   | PHARMACY AND HWY 401     |
| 60501 | C,P | 12 | HAMILTON  | BARTON AND SANFORD       |
| 60602 | R,P | 12 | SUDBURY   | ASH STREET               |
| 60901 | C,F | 13 | LONDON    | KING AND RECTORY         |
| 61001 | C,P | 12 | SARNIA    | 156 VICTORIA STREET      |
| 70101 | C,F | 46 | WINNIPEG  | 270 OSBORNE STREET       |
| 70102 | R,F | 30 | WINNIPEG  | PORTAGE AT WOODLAWN      |
| 80108 | C,F | 48 | REGINA    | 12TH AND SMITH           |
| 80202 | C,F | 37 | SASKATOON | CITY LIBRARY             |
| 90114 | C,P | 30 | EDMONTON  | 109 STREET AND 98 AVENUE |
| 90121 | I,P | 13 | EDMONTON  | 17 STREET AND 105 AVENUE |
| 90122 | R,F | 10 | EDMONTON  | 127 ST. AND 133 AVENUE   |
| 90219 | C,P | 40 | CALGARY   | 620-7TH AVENUE, S.W.     |
| 90222 | R,F | 10 | CALGARY   | 39 ST. AND 29 AVE. N.W.  |
| 00105 | C,F | 10 | VANCOUVER | 739 WEST HASTINGS STREET |

|       |     |    |           |                       |
|-------|-----|----|-----------|-----------------------|
| 00106 | R,F | 5  | VANCOUVER | 2294 WEST 10TH AVENUE |
| 00108 | I,F | 30 | VANCOUVER | 250 WEST 70TH AVENUE  |

SUMMARY OF CARBON MONOXIDE LEVELS  
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

| STATION 50103R |                   |            |            |              | STATION 50104C    |            |            |              |
|----------------|-------------------|------------|------------|--------------|-------------------|------------|------------|--------------|
| DAY            | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR |
| 1              | 24                | 1.0        | 0.7        | 0.3          | 24                | 3.0        | 1.6        | 1.2          |
| 2              | 7                 | 1.0        | 0.7        | 0.1          | 24                | 3.0        | 2.1        | 1.4          |
| 3              |                   |            |            |              | 22                | 5.0        | 2.5        | 1.8          |
| 4              | 24                | 2.0        | 1.0        | 0.4          | 24                | 6.0        | 4.6        | 3.5          |
| 5              | 24                | 4.0        | 1.5        | 0.9          | 24                | 10.0       | 6.8        | 5.0          |
| 6              | 24                | 4.0        | 1.5        | 1.0          | 24                | 11.0       | 9.0        | 4.7          |
| 7              | 24                | 3.0        | 1.8        | 0.7          | 24                | 9.0        | 4.2        | 2.9          |
| 8              | 24                | 2.0        | 1.7        | 0.1          | 24                | 6.0        | 5.3        | 1.8          |
| 9              | 24                | 1.0        | 0.6        | 0.2          | 24                | 10.0       | 4.2        | 2.7          |
| 10             | 24                | 1.0        | 1.0        | 0.5          | 24                | 5.0        | 2.7        | 1.9          |
| 11             | 24                | 3.0        | 0.8        | 0.5          | 24                | 7.0        | 4.0        | 2.6          |
| 12             | 24                | 3.0        | 1.6        | 1.0          | 24                | 9.0        | 4.2        | 3.2          |
| 13             | 24                | 3.0        | 1.6        | 1.0          | 24                | 6.0        | 3.8        | 2.9          |
| 14             | 24                | 1.0        | 1.3        | 0.2          | 24                | 3.0        | 3.6        | 1.9          |
| 15             | 24                | 2.0        | 0.8        | 0.7          | 24                | 2.0        | 2.3        | 1.6          |
| 16             | 24                | 3.0        | 1.2        | 0.7          | 24                | 7.0        | 4.3        | 3.3          |
| 17             | 24                | 4.0        | 1.2        | 0.8          | 10                | 5.0        | 3.6        | 2.3          |
| 18             | 24                | 2.0        | 1.2        | 0.7          |                   |            |            |              |
| 19             | 24                | 5.0        | 2.6        | 1.0          |                   |            |            |              |
| 20             | 24                | 5.0        | 3.3        | 2.3          |                   |            |            |              |
| 21             | 24                | 3.0        | 3.2        | 2.0          | 24                | 5.0        | 4.0        | 2.8          |
| 22             | 24                | 3.0        | 2.2        | 1.5          | 24                | 4.0        | 3.7        | 1.8          |
| 23             | 24                | 4.0        | 2.6        | 1.5          | 22                | 5.0        | 3.7        | 2.8          |
| 24             | 24                | 7.0        | 2.3        | 0.8          | 24                | 6.0        | 4.2        | 2.9          |
| 25             | 16                | 1.0        | 0.2        | 0.1          | 24                | 4.0        | 3.2        | 2.3          |
| 26             |                   |            |            |              | 13                | 4.0        | 2.7        | 2.0          |
| 27             | 24                | 4.0        | 2.1        | 1.5          | 16                | 10.0       | 7.0        | 5.1          |
| 28             | 24                | 1.0        | 1.8        | 1.0          | 24                | 4.0        | 6.8        | 2.4          |
| 29             | 24                | 2.0        | 0.8        | 0.1          | 24                | 2.0        | 2.8        | 1.2          |
| 30             | 23                | 3.0        | 2.1        | 0.8          | 24                | 6.0        | 3.3        | 2.0          |

| STATION | LOCATION            | TOTAL<br>NO. OF<br>SAMPLES | MONTHLY    |            |      |
|---------|---------------------|----------------------------|------------|------------|------|
|         |                     |                            | MAX<br>1HR | MAX<br>8HR | MEAN |
| 50103R  | POINTE AUX TREMBLES | 646                        | 7.0        | 3.3        | 0.9  |
| 50104C  | 1125 ONTARIO, EAST  | 611                        | 11.0       | 9.0        | 2.6  |

MONTH: SEPTEMBER 1974

CITY: MONTREAL

SUMMARY OF CARBON MONOXIDE LEVELS  
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

## STATION 50304C

| DAY | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR |
|-----|-------------------|------------|------------|--------------|
| 1   |                   |            |            |              |
| 2   |                   |            |            |              |
| 3   |                   |            |            |              |
| 4   | 13                | 10.0       | 7.0        | 5.5          |
| 5   | 24                | 9.0        | 5.1        | 3.9          |
| 6   | 23                | 7.0        | 5.1        | 3.1          |
| 7   | 24                | 7.0        | 5.1        | 3.2          |
| 8   | 24                | 7.0        | 4.7        | 2.3          |
| 9   | 23                | 6.0        | 5.0        | 3.2          |
| 10  | 18                | 7.0        | 5.2        | 4.1          |
| 11  | 23                | 11.0       | 7.7        | 5.2          |
| 12  | 24                | 9.0        | 7.5        | 3.5          |
| 13  | 23                | 7.0        | 4.5        | 2.5          |
| 14  | 24                | 6.0        | 3.8        | 2.0          |
| 15  | 24                | 5.0        | 4.2        | 2.3          |
| 16  | 24                | 6.0        | 4.1        | 3.0          |
| 17  | 24                | 10.0       | 4.5        | 3.9          |
| 18  | 23                | 10.0       | 5.5        | 4.4          |
| 19  | 24                | 8.0        | 5.8        | 4.6          |
| 20  | 23                | 10.0       | 6.7        | 5.3          |
| 21  | 24                | 9.0        | 6.6        | 4.0          |
| 22  | 24                | 4.0        | 3.2        | 2.0          |
| 23  | 24                | 10.0       | 5.0        | 3.3          |
| 24  | 24                | 8.0        | 6.3        | 4.3          |
| 25  | 23                | 10.0       | 6.4        | 4.5          |
| 26  | 24                | 9.0        | 7.0        | 4.7          |
| 27  | 23                | 10.0       | 6.1        | 4.6          |
| 28  | 24                | 4.0        | 4.3        | 1.8          |
| 29  | 24                | 3.0        | 1.2        | 0.8          |
| 30  | 23                | 2.0        | 1.2        | 0.7          |

| STATION | LOCATION             | TOTAL             | MONTHLY    |            | MEAN |
|---------|----------------------|-------------------|------------|------------|------|
|         |                      | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR |      |
| 50304C  | 155 DORCHESTER SOUTH | 622               | 11.0       | 7.7        | 3.4  |

MONTH: SEPTEMBER 1974

CITY: QUEBEC

SUMMARY OF CARBON MONOXIDE LEVELS  
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

STATION 60101C

| DAY | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR |
|-----|-------------------|------------|------------|--------------|
| 1   | 24                | 2.0        | 1.2        | 1.0          |
| 2   | 24                | 2.0        | 1.2        | 0.8          |
| 3   | 22                | 9.0        | 4.5        | 2.6          |
| 4   | 23                | 6.0        | 4.6        | 3.1          |
| 5   | 23                | 7.0        | 5.1        | 3.1          |
| 6   | 22                | 9.0        | 5.5        | 4.1          |
| 7   | 23                | 6.0        | 4.7        | 3.2          |
| 8   | 23                | 4.0        | 4.8        | 2.2          |
| 9   | 22                | 9.0        | 7.1        | 3.9          |
| 10  | 23                | 9.0        | 5.6        | 3.6          |
| 11  | 23                | 11.0       | 8.2        | 4.4          |
| 12  | 12                | 8.0        | 7.0        | 4.4          |
| 13  |                   |            |            |              |
| 14  |                   |            |            |              |
| 15  |                   |            |            |              |
| 16  | 12                | 7.0        | 4.0        | 2.9          |
| 17  | 23                | 8.0        | 6.0        | 3.0          |
| 18  | 24                | 8.0        | 5.0        | 2.7          |
| 19  | 23                | 8.0        | 5.1        | 4.0          |
| 20  | 22                | 7.0        | 4.1        | 2.8          |
| 21  | 23                | 3.0        | 2.7        | 1.6          |
| 22  | 21                | 1.0        | 1.8        | 0.5          |
| 23  | 15                | 6.0        | 3.5        | 3.0          |
| 24  | 23                | 8.0        | 4.8        | 3.2          |
| 25  | 23                | 12.0       | 6.2        | 4.0          |
| 26  | 23                | 9.0        | 6.3        | 3.7          |
| 27  | 22                | 10.0       | 7.1        | 4.7          |
| 28  | 23                | 5.0        | 3.6        | 2.3          |
| 29  | 23                | 3.0        | 3.0        | 1.2          |
| 30  | 22                | 5.0        | 3.4        | 2.1          |

| STATION | LOCATION         | TOTAL             | MONTHLY    |            | MEAN |
|---------|------------------|-------------------|------------|------------|------|
|         |                  | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR |      |
| 60101C  | SLATER AND ELGIN | 586               | 12.0       | 8.2        | 2.9  |

MONTH: SEPTEMBER 1974

CITY: OTTAWA

SUMMARY OF CARBON MONOXIDE LEVELS  
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

STATION 60204C

| DAY | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR |
|-----|-------------------|------------|------------|--------------|
| 1   | 24                | 4.0        | 4.0        | 3.6          |
| 2   | 24                | 5.0        | 4.5        | 4.1          |
| 3   | 24                | 5.0        | 4.5        | 4.0          |
| 4   | 24                | 11.0       | 7.3        | 5.5          |
| 5   | 24                | 14.0       | 10.3       | 6.6          |
| 6   | 24                | 10.0       | 6.3        | 5.9          |
| 7   | 24                | 7.0        | 7.0        | 6.5          |
| 8   | 24                | 8.0        | 7.0        | 6.3          |
| 9   | 24                | 9.0        | 6.3        | 5.5          |
| 10  | 24                | 8.0        | 6.7        | 5.6          |
| 11  | 24                | 6.0        | 5.3        | 5.0          |
| 12  | 24                | 8.0        | 7.2        | 6.1          |
| 13  | 21                | 8.0        | 7.2        | 5.6          |
| 14  | 24                | 7.0        | 4.7        | 4.1          |
| 15  | 24                | 10.0       | 6.3        | 4.8          |
| 16  | 24                | 5.0        | 4.2        | 3.9          |
| 17  | 23                | 10.0       | 7.4        | 6.1          |
| 18  | 24                | 6.0        | 6.0        | 4.5          |
| 19  | 24                | 11.0       | 7.2        | 6.0          |
| 20  | 23                | 6.0        | 5.5        | 4.2          |
| 21  | 24                | 6.0        | 5.2        | 4.7          |
| 22  | 24                | 5.0        | 4.5        | 4.1          |
| 23  | 24                | 15.0       | 8.0        | 5.5          |
| 24  | 24                | 6.0        | 5.1        | 4.8          |
| 25  | 23                | 7.0        | 6.2        | 5.5          |
| 26  | 24                | 9.0        | 7.1        | 6.4          |
| 27  | 24                | 8.0        | 7.2        | 6.8          |
| 28  | 24                | 7.0        | 7.0        | 6.0          |
| 29  | 24                | 6.0        | 5.3        | 5.0          |
| 30  | 24                | 10.0       | 5.8        | 4.7          |

| STATION | LOCATION              | TOTAL             | MONTHLY    |            | MEAN |
|---------|-----------------------|-------------------|------------|------------|------|
|         |                       | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR |      |
| 60204C  | 471 UNIVERSITY AVENUE | 714               | 15.0       | 10.3       | 5.3  |

MONTH: SEPTEMBER 1974

CITY: WINDSOR

SUMMARY OF CARBON MONOXIDE LEVELS  
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

| STATION 60401C |                   |            |            |              | STATION 60402R    |            |            |              |
|----------------|-------------------|------------|------------|--------------|-------------------|------------|------------|--------------|
| DAY            | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR |
| 1              | 24                | 2.0        | 1.6        | 1.3          | 8                 | 6.0        |            | 5.0          |
| 2              | 24                | 2.0        | 1.8        | 1.4          | 17                | 4.0        | 4.0        | 3.2          |
| 3              | 24                | 5.0        | 3.3        | 2.4          | 24                | 5.0        | 3.8        | 2.7          |
| 4              | 24                | 3.0        | 2.2        | 1.8          | 24                | 6.0        | 4.1        | 2.8          |
| 5              | 24                | 10.0       | 4.1        | 2.7          | 22                | 10.0       | 5.3        | 4.2          |
| 6              | 24                | 5.0        | 2.7        | 2.1          | 24                | 9.0        | 7.3        | 4.0          |
| 7              | 24                | 3.0        | 2.3        | 1.3          | 24                | 7.0        | 5.3        | 4.3          |
| 8              | 24                | 4.0        | 2.5        | 1.5          | 24                | 8.0        | 6.8        | 4.3          |
| 9              | 14                | 3.0        | 2.1        | 1.6          | 24                | 7.0        | 4.7        | 3.9          |
| 10             |                   |            |            |              | 24                | 10.0       | 6.0        | 4.6          |
| 11             | 15                | 1.0        | 1.0        | 1.0          | 24                | 4.0        | 3.7        | 3.3          |
| 12             | 24                | 5.0        | 3.0        | 1.7          | 12                | 4.0        | 3.6        | 3.0          |
| 13             | 24                | 2.0        | 2.7        | 1.1          | 13                | 2.0        | 2.0        | 2.0          |
| 14             | 24                | 2.0        | 1.5        | 1.1          | 24                | 3.0        | 2.6        | 1.7          |
| 15             | 24                | 2.0        | 1.7        | 1.1          | 7                 | 2.0        | 2.7        | 2.0          |
| 16             | 24                | 3.0        | 1.8        | 1.6          | 13                | 5.0        | 3.8        | 2.6          |
| 17             | 24                | 4.0        | 2.7        | 2.2          | 19                | 11.0       | 7.4        | 3.9          |
| 18             | 24                | 3.0        | 2.5        | 2.0          | 21                | 7.0        | 5.3        | 3.2          |
| 19             | 24                | 11.0       | 5.1        | 3.4          | 19                | 12.0       | 7.8        | 5.1          |
| 20             | 24                | 3.0        | 2.8        | 2.3          | 21                | 4.0        | 3.8        | 2.8          |
| 21             | 24                | 3.0        | 2.7        | 2.4          | 19                | 6.0        | 5.0        | 3.5          |
| 22             | 24                | 3.0        | 2.7        | 2.2          | 23                | 5.0        | 4.6        | 2.3          |
| 23             | 24                | 6.0        | 3.8        | 3.5          | 11                | 8.0        | 4.2        | 3.7          |
| 24             | 23                | 8.0        | 6.0        | 3.1          |                   |            |            |              |
| 25             | 24                | 3.0        | 2.0        | 1.6          |                   |            |            |              |
| 26             | 24                | 7.0        | 3.1        | 2.2          |                   |            |            |              |
| 27             | 24                | 3.0        | 2.6        | 2.0          |                   |            |            |              |
| 28             | 24                | 4.0        | 3.0        | 2.1          |                   |            |            |              |
| 29             | 24                | 2.0        | 2.8        | 1.0          |                   |            |            |              |
| 30             | 24                | 3.0        | 2.2        | 1.8          |                   |            |            |              |

| STATION | LOCATION                | TOTAL<br>NO. OF<br>SAMPLES | MONTHLY    |            | MEAN |
|---------|-------------------------|----------------------------|------------|------------|------|
|         |                         |                            | MAX<br>1HR | MAX<br>8HR |      |
| 60401C  | 67 COLLEGE STREET       | 676                        | 11.0       | 6.0        | 2.0  |
| 60402R  | DON MILLS, SCIENCE CNTR | 441                        | 12.0       | 7.8        | 3.5  |

MONTH: SEPTEMBER 1974

CITY: TORONTO

SUMMARY OF CARBON MONOXIDE LEVELS  
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

| STATION 60403I |                   |            |            |              | STATION 60410R    |            |            |              |
|----------------|-------------------|------------|------------|--------------|-------------------|------------|------------|--------------|
| DAY            | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR |
| 1              |                   |            |            |              | 24                | 6.0        | 4.1        | 3.5          |
| 2              |                   |            |            |              | 24                | 5.0        | 4.1        | 2.4          |
| 3              |                   |            |            |              | 23                | 7.0        | 4.7        | 2.7          |
| 4              |                   |            |            |              | 23                | 11.0       | 5.3        | 4.1          |
| 5              |                   |            |            |              | 24                | 9.0        | 4.8        | 3.6          |
| 6              |                   |            |            |              | 23                | 8.0        | 5.1        | 2.6          |
| 7              |                   |            |            |              | 24                | 5.0        | 2.1        | 1.3          |
| 8              |                   |            |            |              | 24                | 5.0        | 3.2        | 2.5          |
| 9              |                   |            |            |              | 24                | 9.0        | 5.3        | 3.7          |
| 10             |                   |            |            |              | 24                | 10.0       | 5.3        | 3.4          |
| 11             |                   |            |            |              | 24                | 5.0        | 2.7        | 2.0          |
| 12             |                   |            |            |              | 23                | 18.0       | 14.2       | 6.9          |
| 13             |                   |            |            |              | 22                | 13.0       | 14.8       | 6.4          |
| 14             |                   | NO DATA    |            |              | 24                | 7.0        | 5.8        | 4.2          |
| 15             |                   |            |            |              | 24                | 5.0        | 6.0        | 2.7          |
| 16             |                   | AVAILABLE  |            |              | 23                | 9.0        | 7.2        | 4.7          |
| 17             |                   |            |            |              | 24                | 18.0       | 9.8        | 7.1          |
| 18             |                   |            |            |              | 24                | 9.0        | 6.6        | 4.0          |
| 19             |                   |            |            |              | 24                | 12.0       | 8.5        | 6.6          |
| 20             |                   |            |            |              | 23                | 13.0       | 10.3       | 7.5          |
| 21             |                   |            |            |              | 24                | 11.0       | 9.5        | 8.2          |
| 22             |                   |            |            |              | 24                | 9.0        | 8.6        | 4.9          |
| 23             |                   |            |            |              | 24                | 15.0       | 10.3       | 8.2          |
| 24             |                   |            |            |              | 24                | 22.0       | 13.8       | 8.9          |
| 25             |                   |            |            |              | 24                | 8.0        | 7.2        | 5.5          |
| 26             |                   |            |            |              | 24                | 16.0       | 9.7        | 7.6          |
| 27             |                   |            |            |              | 23                | 13.0       | 10.3       | 8.6          |
| 28             |                   |            |            |              | 24                | 12.0       | 10.2       | 9.2          |
| 29             |                   |            |            |              | 24                | 10.0       | 9.5        | 4.1          |
| 30             |                   |            |            |              | 18                | 13.0       | 7.7        | 5.5          |

| STATION | LOCATION             | TOTAL<br>NO. OF<br>SAMPLES | MONTHLY    |            | MEAN |
|---------|----------------------|----------------------------|------------|------------|------|
|         |                      |                            | MAX<br>1HR | MAX<br>8HR |      |
| 60403I  | EVANS AND ARNOLD     |                            |            |            |      |
| 60410R  | LAWRENCE AND KENNEDY | 705                        | 22.0       | 14.8       | 5.1  |

MONTH: SEPTEMBER 1974

CITY: TORONTO

SUMMARY OF CARBON MONOXIDE LEVELS  
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

STATION 60411R

| DAY | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR |
|-----|-------------------|------------|------------|--------------|
| 1   | 24                | 5.0        | 4.6        | 3.7          |
| 2   | 24                | 5.0        | 5.0        | 3.9          |
| 3   | 24                | 9.0        | 5.5        | 3.5          |
| 4   | 24                | 5.0        | 3.2        | 2.5          |
| 5   | 24                | 6.0        | 3.3        | 2.1          |
| 6   | 24                | 9.0        | 3.8        | 2.6          |
| 7   | 24                | 5.0        | 2.8        | 2.4          |
| 8   | 24                | 5.0        | 3.8        | 2.1          |
| 9   | 24                | 5.0        | 4.2        | 2.8          |
| 10  | 24                | 6.0        | 4.3        | 3.2          |
| 11  | 24                | 3.0        | 2.8        | 2.5          |
| 12  | 24                | 7.0        | 4.2        | 3.7          |
| 13  | 23                | 6.0        | 4.6        | 3.6          |
| 14  | 24                | 5.0        | 4.5        | 3.7          |
| 15  | 24                | 4.0        | 3.6        | 2.8          |
| 16  | 23                | 9.0        | 6.2        | 3.4          |
| 17  | 24                | 7.0        | 4.2        | 3.5          |
| 18  | 24                | 5.0        | 2.7        | 2.1          |
| 19  | 24                | 10.0       | 4.3        | 2.4          |
| 20  | 12                | 5.0        | 3.6        | 2.6          |
| 21  | 12                | 5.0        | 3.7        | 3.5          |
| 22  | 24                | 4.0        | 3.7        | 3.0          |
| 23  | 23                | 7.0        | 5.2        | 3.2          |
| 24  | 23                | 13.0       | 6.1        | 3.1          |
| 25  | 24                | 4.0        | 2.7        | 1.7          |
| 26  | 24                | 7.0        | 3.5        | 2.1          |
| 27  | 23                | 4.0        | 3.2        | 2.4          |
| 28  | 24                | 4.0        | 3.5        | 3.2          |
| 29  | 24                | 5.0        | 4.3        | 3.7          |
| 30  | 24                | 7.0        | 5.1        | 4.3          |

| STATION | LOCATION             | TOTAL             | MONTHLY    |            | MEAN |
|---------|----------------------|-------------------|------------|------------|------|
|         |                      | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR |      |
| 60411R  | PHARMACY AND HWY 401 | 691               | 13.0       | 6.2        | 3.0  |

MONTH: SEPTEMBER 1974

CITY: TORONTO

SUMMARY OF CARBON MONOXIDE LEVELS  
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

## STATION 60501C

| DAY | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR |
|-----|-------------------|------------|------------|--------------|
| 1   | 24                | 6.0        | 4.2        | 3.2          |
| 2   | 24                | 3.0        | 3.0        | 2.4          |
| 3   | 24                | 3.0        | 2.8        | 1.5          |
| 4   | 24                | 3.0        | 1.2        | 1.0          |
| 5   | 24                | 7.0        | 4.1        | 2.8          |
| 6   | 24                | 5.0        | 4.8        | 2.2          |
| 7   | 24                | 7.0        | 3.8        | 2.0          |
| 8   | 24                | 6.0        | 5.0        | 2.2          |
| 9   | 24                | 3.0        | 1.7        | 1.3          |
| 10  | 24                | 3.0        | 1.8        | 1.3          |
| 11  | 24                | 2.0        | 1.6        | 1.3          |
| 12  | 24                | 3.0        | 2.2        | 1.7          |
| 13  | 24                | 2.0        | 1.7        | 1.3          |
| 14  | 24                | 3.0        | 2.8        | 2.1          |
| 15  | 24                | 3.0        | 2.8        | 2.0          |
| 16  | 24                | 4.0        | 2.7        | 1.7          |
| 17  | 24                | 3.0        | 1.8        | 1.3          |
| 18  | 24                | 7.0        | 4.0        | 2.5          |
| 19  | 24                | 9.0        | 4.7        | 3.1          |
| 20  | 24                | 4.0        | 2.5        | 2.0          |
| 21  | 24                | 5.0        | 3.5        | 2.9          |
| 22  | 24                | 3.0        | 3.2        | 2.2          |
| 23  | 24                | 7.0        | 3.8        | 2.8          |
| 24  | 24                | 12.0       | 4.7        | 2.9          |
| 25  | 24                | 4.0        | 2.0        | 1.2          |
| 26  | 24                | 5.0        | 2.5        | 1.6          |
| 27  | 24                | 11.0       | 6.0        | 2.8          |
| 28  | 24                | 3.0        | 5.6        | 1.7          |
| 29  | 24                | 2.0        | 2.2        | 0.9          |
| 30  | 23                | 5.0        | 2.6        | 1.9          |

| STATION | LOCATION           | TOTAL             | MONTHLY    |            | MEAN |
|---------|--------------------|-------------------|------------|------------|------|
|         |                    | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR |      |
| 60501C  | BARTON AND SANFORD | 719               | 12.0       | 6.0        | 2.0  |

MONTH: SEPTEMBER 1974

CITY: HAMILTON

SUMMARY OF CARBON MONOXIDE LEVELS  
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

STATION 60602R

| DAY | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR |
|-----|-------------------|------------|------------|--------------|
| 1   | 24                | 0.0        | 0.0        | 0.0          |
| 2   | 24                | 1.0        | 0.1        | 0.0          |
| 3   | 24                | 1.0        | 0.2        | 0.0          |
| 4   | 24                | 1.0        | 0.1        | 0.0          |
| 5   | 24                | 2.0        | 0.5        | 0.1          |
| 6   | 24                | 3.0        | 0.8        | 0.5          |
| 7   | 24                | 1.0        | 0.8        | 0.1          |
| 8   | 24                | 1.0        | 1.0        | 0.7          |
| 9   | 24                | 1.0        | 0.7        | 0.0          |
| 10  | 24                | 1.0        | 0.5        | 0.2          |
| 11  | 23                | 1.0        | 0.2        | 0.0          |
| 12  | 24                | 0.0        | 0.0        | 0.0          |
| 13  | 24                | 0.0        | 0.0        | 0.0          |
| 14  | 24                | 0.0        | 0.0        | 0.0          |
| 15  | 24                | 0.0        | 0.0        | 0.0          |
| 16  | 12                | 1.0        | 0.6        | 0.2          |
| 17  | 24                | 1.0        | 0.1        | 0.0          |
| 18  | 24                | 4.0        | 1.1        | 0.3          |
| 19  | 24                | 1.0        | 0.3        | 0.2          |
| 20  | 24                | 2.0        | 0.7        | 0.2          |
| 21  | 24                | 0.0        | 0.7        | 0.0          |
| 22  | 24                | 0.0        | 0.0        | 0.0          |
| 23  | 23                | 1.0        | 0.3        | 0.2          |
| 24  | 24                | 2.0        | 0.6        | 0.2          |
| 25  | 22                | 1.0        | 0.3        | 0.0          |
| 26  | 24                | 2.0        | 0.7        | 0.3          |
| 27  | 23                | 3.0        | 1.6        | 1.3          |
| 28  | 10                | 1.0        | 1.5        | 0.6          |
| 29  |                   |            |            |              |
| 30  | 15                | 0.0        | 0.0        | 0.0          |

| STATION | LOCATION   | TOTAL             | MONTHLY    |            | MEAN |
|---------|------------|-------------------|------------|------------|------|
|         |            | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR |      |
| 60602R  | ASH STREET | 656               | 4.0        | 1.6        | 0.2  |

MONTH: SEPTEMBER 1974

CITY: SUDBURY

SUMMARY OF CARBON MONOXIDE LEVELS  
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

## STATION 60901C

| DAY | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR |
|-----|-------------------|------------|------------|--------------|
| 1   | 24                | 4.0        | 3.0        | 0.7          |
| 2   | 24                | 1.0        | 0.5        | 0.1          |
| 3   | 24                | 1.0        | 1.0        | 0.7          |
| 4   | 24                | 2.0        | 1.3        | 1.1          |
| 5   | 24                | 4.0        | 2.0        | 1.5          |
| 6   | 24                | 2.0        | 2.1        | 0.5          |
| 7   | 24                | 4.0        | 2.3        | 1.2          |
| 8   | 24                | 7.0        | 4.1        | 1.7          |
| 9   | 24                | 2.0        | 1.3        | 1.0          |
| 10  | 23                | 2.0        | 1.0        | 0.5          |
| 11  | 24                | 2.0        | 1.2        | 0.4          |
| 12  | 24                | 9.0        | 5.2        | 2.5          |
| 13  | 24                | 1.0        | 1.7        | 0.7          |
| 14  | 24                | 3.0        | 2.0        | 1.2          |
| 15  | 13                | 3.0        | 2.3        | 1.3          |
| 16  | 11                | 1.0        | 0.2        | 0.0          |
| 17  | 24                | 1.0        | 0.3        | 0.1          |
| 18  | 24                | 1.0        | 0.1        | 0.0          |
| 19  | 24                | 4.0        | 1.7        | 0.9          |
| 20  | 21                | 1.0        | 0.5        | 0.1          |
| 21  | 24                | 2.0        | 1.1        | 0.6          |
| 22  | 24                | 1.0        | 1.0        | 0.0          |
| 23  | 23                | 3.0        | 1.5        | 1.0          |
| 24  | 24                | 3.0        | 1.5        | 1.0          |
| 25  | 24                | 5.0        | 2.5        | 1.2          |
| 26  | 23                | 5.0        | 3.7        | 1.1          |
| 27  | 24                | 2.0        | 0.7        | 0.5          |
| 28  | 24                | 8.0        | 2.6        | 1.2          |
| 29  | 24                | 2.0        | 2.7        | 0.2          |
| 30  | 22                | 3.0        | 1.5        | 0.7          |

| STATION | LOCATION         | TOTAL             | MONTHLY    |            | MEAN |
|---------|------------------|-------------------|------------|------------|------|
|         |                  | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR |      |
| 60901C  | KING AND RECTORY | 688               | 9.0        | 5.2        | 0.8  |

MONTH: SEPTEMBER 1974

CITY: LONDON

SUMMARY OF CARBON MONOXIDE LEVELS  
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

## STATION 61001C

| DAY | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR |
|-----|-------------------|------------|------------|--------------|
| 1   |                   |            |            |              |
| 2   |                   |            |            |              |
| 3   |                   |            |            |              |
| 4   |                   |            |            |              |
| 5   |                   |            |            |              |
| 6   |                   |            |            |              |
| 7   |                   |            |            |              |
| 8   |                   |            |            |              |
| 9   |                   |            |            |              |
| 10  |                   |            |            |              |
| 11  |                   |            |            |              |
| 12  |                   |            |            |              |
| 13  |                   |            |            |              |
| 14  |                   |            |            |              |
| 15  |                   |            |            |              |
| 16  |                   |            |            |              |
| 17  |                   |            |            |              |
| 18  |                   |            |            |              |
| 19  | 8                 | 0.0        | 0.0        | 0.0          |
| 20  | 23                | 2.0        | 1.0        | 0.4          |
| 21  | 24                | 1.0        | 0.8        | 0.4          |
| 22  | 24                | 1.0        | 0.6        | 0.1          |
| 23  | 22                | 3.0        | 1.1        | 0.4          |
| 24  | 24                | 1.0        | 1.0        | 0.5          |
| 25  | 24                | 1.0        | 1.0        | 0.4          |
| 26  | 22                | 2.0        | 1.3        | 0.8          |
| 27  | 24                | 2.0        | 1.3        | 0.8          |
| 28  | 24                | 2.0        | 1.2        | 0.5          |
| 29  | 24                | 1.0        | 0.2        | 0.0          |
| 30  | 24                | 3.0        | 1.2        | 0.6          |

| STATION | LOCATION            | TOTAL             | MONTHLY    |            | MEAN |
|---------|---------------------|-------------------|------------|------------|------|
|         |                     | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR |      |
| 61001C  | 156 VICTORIA STREET | 267               | 3.0        | 1.3        | 0.5  |

MONTH: SEPTEMBER 1974

CITY: SARNIA

SUMMARY OF CARBON MONOXIDE LEVELS  
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

| STATION 70101C |                   |            |            |              | STATION 70102R    |            |            |              |
|----------------|-------------------|------------|------------|--------------|-------------------|------------|------------|--------------|
| DAY            | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR |
| 1              | 24                | 1.0        | 0.7        | 0.5          | 24                | 1.0        | 0.6        | 0.4          |
| 2              | 24                | 4.5        | 1.7        | 0.9          | 24                | 4.5        | 1.4        | 0.7          |
| 3              | 24                | 16.5       | 5.1        | 2.1          | 24                | 9.5        | 3.1        | 1.6          |
| 4              | 24                | 3.0        | 5.1        | 1.3          | 24                | 7.0        | 4.0        | 1.0          |
| 5              | 5                 | 1.0        | 1.8        | 0.6          | 24                | 2.0        | 1.1        | 0.6          |
| 6              | 12                | 4.5        | 2.4        | 2.0          | 24                | 5.0        | 2.3        | 1.2          |
| 7              | 24                | 1.0        | 2.2        | 0.4          | 24                | 3.0        | 1.5        | 0.6          |
| 8              | 24                | 1.5        | 0.6        | 0.4          | 24                | 2.0        | 0.8        | 0.5          |
| 9              | 24                | 3.5        | 2.0        | 1.2          | 24                | 2.5        | 1.3        | 1.0          |
| 10             | 24                | 4.5        | 2.4        | 1.3          | 24                | 2.5        | 1.6        | 1.0          |
| 11             | 24                | 3.5        | 2.1        | 1.0          | 24                | 1.5        | 1.6        | 0.5          |
| 12             | 24                | 2.5        | 1.4        | 0.9          | 24                | 1.5        | 0.6        | 0.5          |
| 13             | 24                | 3.5        | 1.7        | 0.7          | 24                | 2.5        | 1.9        | 1.2          |
| 14             | 24                | 2.0        | 2.0        | 0.6          | 24                | 1.5        | 1.9        | 0.8          |
| 15             | 24                | 2.0        | 1.1        | 0.8          | 24                | 2.5        | 1.7        | 1.3          |
| 16             | 24                | 4.0        | 2.1        | 1.3          | 24                | 2.0        | 1.7        | 1.2          |
| 17             | 24                | 3.0        | 1.8        | 0.9          | 24                | 2.5        | 1.8        | 1.3          |
| 18             | 24                | 4.0        | 1.6        | 1.0          | 24                | 4.5        | 1.7        | 1.0          |
| 19             | 24                | 3.5        | 1.6        | 1.0          | 24                | 2.0        | 1.1        | 0.8          |
| 20             | 24                | 3.5        | 1.5        | 1.0          | 24                | 2.5        | 1.3        | 1.0          |
| 21             | 24                | 2.0        | 1.4        | 0.9          | 24                | 3.0        | 1.7        | 1.1          |
| 22             | 24                | 3.0        | 1.9        | 0.8          | 24                | 2.0        | 2.0        | 1.5          |
| 23             | 23                | 5.5        | 1.9        | 1.1          | 24                | 3.0        | 1.6        | 1.2          |
| 24             | 24                | 4.0        | 2.6        | 1.3          | 23                | 1.5        | 1.1        | 0.6          |
| 25             | 24                | 13.5       | 5.8        | 3.2          | 24                | 18.5       | 7.6        | 3.2          |
| 26             | 24                | 3.0        | 5.8        | 0.5          | 24                | 3.0        | 7.6        | 0.6          |
| 27             | 24                | 3.5        | 2.4        | 1.1          | 23                | 6.5        | 2.8        | 1.3          |
| 28             | 24                | 3.5        | 2.8        | 1.3          | 24                | 4.0        | 3.9        | 2.3          |
| 29             | 24                | 0.5        | 1.1        | 0.0          | 24                | 1.5        | 2.5        | 0.5          |
| 30             | 24                | 2.0        | 1.1        | 0.7          | 23                | 1.5        | 0.7        | 0.5          |

| STATION | LOCATION            | TOTAL<br>NO. OF<br>SAMPLES | MONTHLY    |            | MEAN |
|---------|---------------------|----------------------------|------------|------------|------|
|         |                     |                            | MAX<br>1HR | MAX<br>8HR |      |
| 70101C  | 270 OSBORNE STREET  | 688                        | 16.5       | 5.8        | 1.1  |
| 70102R  | PORTAGE AT WOODLAWN | 717                        | 18.5       | 7.6        | 1.1  |

MONTH: SEPTEMBER 1974

CITY: WINNIPEG

SUMMARY OF CARBON MONOXIDE LEVELS  
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

## STATION 80108C

| DAY | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR |
|-----|-------------------|------------|------------|--------------|
| 1   | 24                | 0.5        | 0.1        | 0.0          |
| 2   | 24                | 3.5        | 1.4        | 0.8          |
| 3   | 24                | 3.0        | 1.5        | 1.0          |
| 4   | 24                | 3.0        | 1.4        | 0.8          |
| 5   | 24                | 1.5        | 0.9        | 0.3          |
| 6   | 23                | 2.0        | 1.5        | 0.8          |
| 7   | 24                | 4.0        | 1.8        | 0.4          |
| 8   | 24                | 1.0        | 0.8        | 0.1          |
| 9   | 24                | 1.5        | 0.5        | 0.2          |
| 10  | 24                | 2.5        | 0.8        | 0.3          |
| 11  | 23                | 1.0        | 0.7        | 0.4          |
| 12  | 24                | 1.5        | 1.0        | 0.6          |
| 13  | 24                | 2.0        | 0.8        | 0.5          |
| 14  | 24                | 1.5        | 0.7        | 0.2          |
| 15  | 24                | 1.5        | 0.7        | 0.2          |
| 16  | 24                | 1.5        | 0.9        | 0.3          |
| 17  | 24                | 2.0        | 1.0        | 0.5          |
| 18  | 24                | 1.0        | 0.6        | 0.1          |
| 19  | 24                | 1.0        | 0.5        | 0.2          |
| 20  | 24                | 2.0        | 1.1        | 0.4          |
| 21  | 24                | 1.5        | 1.0        | 0.4          |
| 22  | 24                | 5.5        | 2.1        | 0.7          |
| 23  | 21                | 3.5        | 2.1        | 0.6          |
| 24  | 24                | 6.0        | 1.7        | 0.6          |
| 25  | 4                 | 0.0        | 1.6        | 0.0          |
| 26  | 12                | 1.0        | 0.1        | 0.0          |
| 27  | 15                | 1.5        | 1.0        | 0.4          |
| 28  | 24                | 1.0        | 0.8        | 0.3          |
| 29  | 24                | 2.5        | 0.8        | 0.2          |
| 30  | 24                | 2.5        | 0.9        | 0.4          |

| STATION | LOCATION       | TOTAL             | MONTHLY    |            | MEAN |
|---------|----------------|-------------------|------------|------------|------|
|         |                | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR |      |
| 80108C  | 12TH AND SMITH | 674               | 6.0        | 2.1        | 0.5  |

MONTH: SEPTEMBER 1974

CITY: REGINA

SUMMARY OF CARBON MONOXIDE LEVELS  
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

## STATION 80202C

| DAY | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR |
|-----|-------------------|------------|------------|--------------|
| 1   |                   |            |            |              |
| 2   |                   |            |            |              |
| 3   |                   |            |            |              |
| 4   | 14                | 1.5        | 1.1        | 0.6          |
| 5   | 17                | 1.0        | 0.7        | 0.2          |
| 6   | 22                | 4.0        | 1.9        | 0.6          |
| 7   | 20                | 1.0        | 1.5        | 0.5          |
| 8   | 24                | 1.0        | 0.2        | 0.1          |
| 9   | 21                | 1.0        | 0.4        | 0.1          |
| 10  | 24                | 2.5        | 1.1        | 0.4          |
| 11  | 24                | 2.0        | 1.3        | 0.6          |
| 12  | 23                | 2.5        | 1.4        | 0.7          |
| 13  | 24                | 3.5        | 2.0        | 0.9          |
| 14  | 24                | 6.5        | 2.0        | 0.7          |
| 15  | 24                | 3.5        | 1.9        | 0.5          |
| 16  | 24                | 3.5        | 1.5        | 0.7          |
| 17  | 22                | 1.0        | 1.1        | 0.2          |
| 18  | 24                | 2.0        | 1.0        | 0.6          |
| 19  | 23                | 2.0        | 1.1        | 0.6          |
| 20  | 24                | 3.0        | 1.3        | 0.8          |
| 21  | 24                | 1.0        | 1.1        | 0.6          |
| 22  | 24                | 2.0        | 1.0        | 0.8          |
| 23  | 24                | 3.5        | 2.0        | 1.4          |
| 24  | 23                | 2.0        | 1.8        | 0.2          |
| 25  | 24                | 4.5        | 2.2        | 1.0          |
| 26  | 24                | 5.0        | 2.1        | 1.0          |
| 27  | 24                | 4.0        | 2.1        | 1.0          |
| 28  | 24                | 2.0        | 2.0        | 0.6          |
| 29  | 24                | 1.5        | 0.5        | 0.1          |
| 30  | 24                | 1.0        | 0.9        | 0.3          |

| STATION | LOCATION     | TOTAL             | MONTHLY    |            | MEAN |
|---------|--------------|-------------------|------------|------------|------|
|         |              | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR |      |
| 80202C  | CITY LIBRARY | 617               | 6.5        | 2.2        | 0.6  |

MONTH: SEPTEMBER 1974

CITY: SASKATOON

SUMMARY OF CARBON MONOXIDE LEVELS  
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

| STATION 90114C |                   |            |            |              | STATION 90121I    |            |            |              |
|----------------|-------------------|------------|------------|--------------|-------------------|------------|------------|--------------|
| DAY            | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR |
| 1              | 24                | 3.0        | 2.8        | 1.3          | 24                | 1.0        | 0.5        | 0.1          |
| 2              | 24                | 4.0        | 2.0        | 1.1          | 24                | 0.0        | 0.0        | 0.0          |
| 3              | 24                | 9.0        | 3.6        | 2.7          | 24                | 6.0        | 3.1        | 1.1          |
| 4              | 24                | 7.0        | 4.6        | 2.2          | 24                | 5.0        | 4.1        | 2.8          |
| 5              | 24                | 2.0        | 1.2        | 1.0          | 24                | 2.0        | 2.0        | 1.1          |
| 6              | 14                | 2.0        | 1.2        | 0.6          | 24                | 1.0        | 0.2        | 0.0          |
| 7              |                   |            |            |              | 24                | 0.0        | 0.0        | 0.0          |
| 8              |                   |            |            |              | 24                | 0.0        | 0.0        | 0.0          |
| 9              | 14                | 3.0        | 2.2        | 1.7          | 24                | 2.0        | 2.0        | 1.1          |
| 10             | 24                | 2.0        | 1.8        | 1.2          | 24                | 2.0        | 2.0        | 0.8          |
| 11             | 20                | 3.0        | 2.3        | 1.6          | 24                | 1.0        | 0.2        | 0.1          |
| 12             | 13                | 2.0        | 1.8        | 1.6          | 24                | 3.0        | 1.5        | 0.8          |
| 13             | 17                | 2.0        | 1.7        | 1.2          | 24                | 2.0        | 1.5        | 0.7          |
| 14             | 24                | 4.0        | 2.2        | 1.1          | 24                | 3.0        | 1.1        | 0.5          |
| 15             | 24                | 2.0        | 2.3        | 0.6          | 24                | 3.0        | 1.3        | 0.5          |
| 16             | 24                | 6.0        | 3.1        | 1.9          | 24                | 2.0        | 1.3        | 0.5          |
| 17             | 24                | 4.0        | 3.1        | 1.4          | 24                | 6.0        | 3.5        | 2.1          |
| 18             | 24                | 2.0        | 2.0        | 1.2          | 24                | 2.0        | 1.7        | 0.3          |
| 19             | 24                | 5.0        | 3.2        | 2.5          | 24                | 1.0        | 0.5        | 0.2          |
| 20             | 18                | 5.0        | 3.8        | 2.8          | 24                | 3.0        | 1.1        | 0.7          |
| 21             | 24                | 6.0        | 3.7        | 2.5          | 24                | 4.0        | 2.2        | 1.4          |
| 22             | 24                | 7.0        | 3.6        | 2.5          | 24                | 4.0        | 1.3        | 1.2          |
| 23             | 24                | 6.0        | 4.0        | 2.6          | 24                | 4.0        | 1.6        | 1.0          |
| 24             | 24                | 9.0        | 4.1        | 2.7          | 24                | 2.0        | 1.1        | 0.4          |
| 25             | 24                | 8.0        | 3.0        | 2.4          | 24                | 4.0        | 1.3        | 0.5          |
| 26             | 24                | 4.0        | 2.8        | 1.9          | 24                | 0.0        | 0.0        | 0.0          |
| 27             | 24                | 3.0        | 2.8        | 2.0          | 24                | 1.0        | 0.5        | 0.1          |
| 28             | 7                 | 2.0        | 1.8        | 1.5          | 22                | 1.0        | 0.2        | 0.0          |
| 29             |                   |            |            |              |                   |            | 0.0        |              |
| 30             | 16                | 3.0        | 1.5        | 1.3          | 9                 | 1.0        | 0.4        | 0.2          |

| STATION | LOCATION                 | TOTAL<br>NO. OF<br>SAMPLES | MONTHLY    |            |      |
|---------|--------------------------|----------------------------|------------|------------|------|
|         |                          |                            | MAX<br>1HR | MAX<br>8HR | MEAN |
| 90114C  | 109 STREET AND 98 AVENUE | 575                        | 9.0        | 4.6        | 1.8  |
| 90121I  | 17 STREET AND 105 AVENUE | 679                        | 6.0        | 4.1        | 0.7  |

MONTH: SEPTEMBER 1974

CITY: EDMONTON

SUMMARY OF CARBON MONOXIDE LEVELS  
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

STATION 90122R

| DAY | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR |
|-----|-------------------|------------|------------|--------------|
| 1   | 24                | 2.0        | 1.6        | 1.2          |
| 2   | 24                | 3.0        | 1.7        | 1.2          |
| 3   | 24                | 6.0        | 3.5        | 2.5          |
| 4   | 24                | 6.0        | 5.0        | 1.6          |
| 5   | 24                | 1.0        | 0.1        | 0.0          |
| 6   | 24                | 1.0        | 0.6        | 0.3          |
| 7   | 24                | 2.0        | 1.2        | 0.4          |
| 8   | 24                | 1.0        | 1.2        | 0.0          |
| 9   | 24                | 0.0        | 0.0        | 0.0          |
| 10  | 24                | 1.0        | 0.2        | 0.0          |
| 11  | 24                | 2.0        | 1.2        | 0.6          |
| 12  | 24                | 4.0        | 1.2        | 0.5          |
| 13  | 24                | 2.0        | 0.7        | 0.3          |
| 14  | 24                | 6.0        | 2.3        | 0.9          |
| 15  | 24                | 2.0        | 3.1        | 0.5          |
| 16  | 24                | 7.0        | 3.3        | 1.2          |
| 17  | 24                | 5.0        | 4.2        | 1.0          |
| 18  | 24                | 1.0        | 0.8        | 0.1          |
| 19  | 24                | 3.0        | 1.0        | 0.6          |
| 20  | 23                | 5.0        | 2.8        | 1.6          |
| 21  | 24                | 10.0       | 3.2        | 1.4          |
| 22  | 24                | 7.0        | 3.8        | 1.2          |
| 23  | 23                | 6.0        | 2.8        | 1.1          |
| 24  | 24                | 6.0        | 2.5        | 1.4          |
| 25  | 24                | 4.0        | 1.6        | 0.7          |
| 26  | 24                | 1.0        | 0.6        | 0.1          |
| 27  | 24                | 1.0        | 0.3        | 0.1          |
| 28  | 24                | 1.0        | 0.1        | 0.0          |
| 29  | 24                | 0.0        | 0.0        | 0.0          |
| 30  | 24                | 1.0        | 0.3        | 0.1          |

| STATION | LOCATION               | TOTAL             | MONTHLY    |            | MEAN |
|---------|------------------------|-------------------|------------|------------|------|
|         |                        | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR |      |
| 90122R  | 127 ST. AND 133 AVENUE | 718               | 10.0       | 5.0        | 0.7  |

MONTH: SEPTEMBER 1974

CITY: EDMONTON

SUMMARY OF CARBON MONOXIDE LEVELS  
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

| STATION 90219C |                   |            |            |              | STATION 90222R    |            |            |              |
|----------------|-------------------|------------|------------|--------------|-------------------|------------|------------|--------------|
| DAY            | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR |
| 1              | 24                | 3.0        | 2.0        | 1.4          | 5                 | 1.0        |            | 0.4          |
| 2              | 24                | 6.0        | 2.6        | 2.0          | 24                | 2.0        | 0.7        | 0.2          |
| 3              | 24                | 12.0       | 6.1        | 3.7          | 24                | 7.0        | 2.6        | 1.5          |
| 4              | 24                | 3.0        | 5.6        | 1.8          | 24                | 1.0        | 2.6        | 1.0          |
| 5              | 24                | 4.0        | 3.0        | 2.0          | 24                | 1.0        | 1.0        | 1.0          |
| 6              | 24                | 6.0        | 3.0        | 2.3          | 24                | 1.0        | 1.0        | 0.2          |
| 7              | 24                | 4.0        | 3.1        | 2.4          | 24                | 1.0        | 1.0        | 0.6          |
| 8              | 24                | 2.0        | 2.7        | 1.9          | 24                | 1.0        | 1.0        | 0.6          |
| 9              | 24                | 10.0       | 6.2        | 3.6          | 24                | 2.0        | 1.1        | 0.8          |
| 10             | 24                | 3.0        | 3.6        | 2.2          | 24                | 1.0        | 1.0        | 1.0          |
| 11             | 24                | 7.0        | 5.1        | 3.2          | 24                | 1.0        | 1.0        | 1.0          |
| 12             | 24                | 11.0       | 5.0        | 3.5          | 24                | 5.0        | 2.1        | 1.3          |
| 13             | 24                | 10.0       | 5.1        | 3.2          | 24                | 5.0        | 2.2        | 1.4          |
| 14             | 24                | 4.0        | 4.5        | 2.4          | 24                | 3.0        | 2.2        | 1.1          |
| 15             | 24                | 8.0        | 3.7        | 2.3          | 24                | 3.0        | 1.7        | 1.2          |
| 16             | 24                | 10.0       | 6.3        | 3.9          | 24                | 7.0        | 3.2        | 1.7          |
| 17             | 24                | 5.0        | 6.3        | 2.8          | 24                | 1.0        | 3.2        | 1.0          |
| 18             | 24                | 6.0        | 3.3        | 2.7          | 24                | 2.0        | 1.2        | 1.1          |
| 19             | 24                | 5.0        | 3.8        | 2.7          | 24                | 2.0        | 1.5        | 1.2          |
| 20             | 24                | 9.0        | 5.2        | 3.5          | 24                | 10.0       | 4.3        | 2.1          |
| 21             | 24                | 8.0        | 5.5        | 2.5          | 24                | 7.0        | 4.3        | 1.7          |
| 22             | 24                | 11.0       | 4.2        | 2.5          | 24                | 5.0        | 3.3        | 1.4          |
| 23             | 24                | 11.0       | 5.2        | 3.0          | 24                | 3.0        | 2.0        | 1.2          |
| 24             | 24                | 11.0       | 6.2        | 4.3          | 24                | 6.0        | 2.6        | 1.5          |
| 25             | 24                | 8.0        | 5.7        | 2.8          | 24                | 2.0        | 2.6        | 1.0          |
| 26             | 24                | 4.0        | 2.7        | 2.1          | 24                | 2.0        | 1.1        | 1.0          |
| 27             | 24                | 4.0        | 2.8        | 2.2          | 24                | 2.0        | 1.5        | 1.2          |
| 28             | 24                | 5.0        | 3.0        | 2.2          | 24                | 2.0        | 1.5        | 0.9          |
| 29             | 24                | 3.0        | 2.1        | 1.8          | 24                | 2.0        | 1.2        | 1.0          |
| 30             | 24                | 6.0        | 4.6        | 2.8          | 24                | 2.0        | 1.5        | 1.2          |

| STATION | LOCATION                | TOTAL             | MONTHLY    |            | MEAN |
|---------|-------------------------|-------------------|------------|------------|------|
|         |                         | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR |      |
| 90219C  | 620-7TH AVENUE, S.W.    | 720               | 12.0       | 6.3        | 2.7  |
| 90222R  | 39 ST. AND 29 AVE. N.W. | 701               | 10.0       | 4.3        | 1.1  |

MONTH: SEPTEMBER 1974

CITY: CALGARY

SUMMARY OF CARBON MONOXIDE LEVELS  
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

| DAY | STATION 00105C    |            |            |              | STATION 00106R    |            |            |              |
|-----|-------------------|------------|------------|--------------|-------------------|------------|------------|--------------|
|     | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR |
| 1   | 1                 | 0.0        |            | 0.0          | 24                | 5.0        | 2.7        | 1.1          |
| 2   |                   |            |            |              | 24                | 5.0        | 3.1        | 1.8          |
| 3   |                   |            |            |              | 24                | 6.0        | 3.2        | 1.7          |
| 4   |                   |            |            |              | 24                | 1.0        | 1.0        | 0.5          |
| 5   |                   |            |            |              | 24                | 2.0        | 1.1        | 0.9          |
| 6   |                   |            |            |              | 24                | 0.0        | 1.0        | 0.0          |
| 7   |                   |            |            |              | 24                | 4.0        | 1.7        | 1.5          |
| 8   |                   |            |            |              | 24                | 2.0        | 2.1        | 1.1          |
| 9   |                   |            |            |              | 24                | 2.0        | 1.2        | 0.9          |
| 10  |                   |            |            |              | 6                 | 2.0        | 1.2        | 1.1          |
| 11  |                   |            |            |              |                   |            |            |              |
| 12  |                   |            |            |              |                   |            |            |              |
| 13  |                   |            |            |              | 15                | 9.0        | 6.5        | 3.9          |
| 14  |                   |            |            |              | 24                | 7.0        | 7.7        | 2.9          |
| 15  |                   |            |            |              | 24                | 6.0        | 4.8        | 2.8          |
| 16  |                   |            |            |              | 24                | 8.0        | 4.2        | 3.0          |
| 17  |                   |            |            |              | 22                | 4.0        | 5.0        | 1.5          |
| 18  |                   |            |            |              | 24                | 8.0        | 5.7        | 2.4          |
| 19  |                   |            |            |              | 24                | 12.0       | 7.1        | 4.0          |
| 20  |                   |            |            |              | 24                | 7.0        | 8.0        | 3.4          |
| 21  |                   |            |            |              | 24                | 7.0        | 6.1        | 2.6          |
| 22  |                   |            |            |              | 24                | 7.0        | 5.6        | 2.6          |
| 23  |                   |            |            |              | 24                | 8.0        | 4.8        | 2.9          |
| 24  |                   |            |            |              |                   |            | 5.8        |              |
| 25  | 13                | 13.0       | 9.1        | 6.1          | 24                | 12.0       | 6.0        | 2.5          |
| 26  | 24                | 14.0       | 8.0        | 5.2          | 24                | 2.0        | 1.2        | 0.5          |
| 27  | 24                | 16.0       | 10.3       | 7.2          | 24                | 6.0        | 2.7        | 2.0          |
| 28  | 24                | 7.0        | 8.6        | 3.1          | 24                | 5.0        | 2.8        | 1.5          |
| 29  | 24                | 6.0        | 5.6        | 3.0          | 24                | 5.0        | 3.1        | 1.8          |
| 30  | 24                | 24.0       | 15.7       | 9.2          | 24                | 7.0        | 4.5        | 3.3          |

| STATION | LOCATION                 | TOTAL<br>NO. OF<br>SAMPLES | MONTHLY    |            | MEAN |
|---------|--------------------------|----------------------------|------------|------------|------|
|         |                          |                            | MAX<br>1HR | MAX<br>8HR |      |
| 00105C  | 739 WEST HASTINGS STREET | 134                        | 24.0       | 15.7       | 5.6  |
| 00106R  | 2294 WEST 10TH AVENUE    | 619                        | 12.0       | 8.0        | 2.0  |

MONTH: SEPTEMBER 1974

CITY: VANCOUVER

SUMMARY OF CARBON MONOXIDE LEVELS  
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

STATION 001081

| DAY | NO. OF<br>SAMPLES | MAX<br>1HR | MAX<br>8HR | MEAN<br>24HR |
|-----|-------------------|------------|------------|--------------|
| 1   | 1                 | 0.0        |            | 0.0          |
| 2   |                   |            |            |              |
| 3   |                   |            |            |              |
| 4   |                   |            |            |              |
| 5   |                   |            |            |              |
| 6   |                   |            |            |              |
| 7   |                   |            |            |              |
| 8   |                   |            |            |              |
| 9   |                   |            |            |              |
| 10  |                   |            |            |              |
| 11  |                   |            |            |              |
| 12  |                   |            |            |              |
| 13  | 12                | 6.0        | 3.8        | 2.6          |
| 14  | 24                | 6.0        | 4.8        | 2.7          |
| 15  | 23                | 5.0        | 4.1        | 1.0          |
| 16  | 16                | 6.0        | 3.7        | 2.2          |
| 17  | 23                | 8.0        | 5.1        | 2.9          |
| 18  | 24                | 7.0        | 3.6        | 2.2          |
| 19  | 24                | 5.0        | 2.8        | 1.4          |
| 20  | 24                | 8.0        | 4.0        | 2.0          |
| 21  | 24                | 6.0        | 5.3        | 2.5          |
| 22  | 16                | 6.0        | 4.7        | 2.3          |
| 23  | 24                | 9.0        | 3.8        | 2.6          |
| 24  | 24                | 11.0       | 5.7        | 4.4          |
| 25  | 24                | 11.0       | 6.2        | 2.5          |
| 26  | 24                | 5.0        | 2.6        | 0.9          |
| 27  | 24                | 6.0        | 3.3        | 1.7          |
| 28  | 24                | 4.0        | 2.8        | 1.4          |
| 29  | 24                | 3.0        | 3.3        | 1.0          |
| 30  | 24                | 6.0        | 3.3        | 2.7          |

| STATION | LOCATION             | TOTAL<br>NO. OF<br>SAMPLES | MAX<br>1HR | MONTHLY<br>MAX<br>8HR | MEAN |
|---------|----------------------|----------------------------|------------|-----------------------|------|
| 001081  | 250 WEST 70TH AVENUE | 403                        | 11.0       | 6.2                   | 2.2  |

MONTH: SEPTEMBER 1974

CITY: VANCOUVER

## NITROGEN DIOXIDE

Nitrogen dioxide is measured continuously by one of three methods: colorimetry (COL), coulometry (COU), or chemiluminescence (CHE). In the colorimetric and coulometric methods air passes at a controlled rate through a scrubber where the nitrogen dioxide gas is dissolved in a liquid medium. The colorimetric instruments use the Griess-Saltzman method, whereas the coulometric instruments use a bromine or iodine reagent. The chemiluminescent method uses the gas phase reaction of nitric oxide with ozone.

The data are reported as hourly maxima, 24 hour daily averages, and monthly averages. Units used are parts per hundred million by volume of air sampled.

## DIOXYDE D'AZOTE

Le dioxyde d'azote est mesuré en continu par l'une de ces trois méthodes: colorimétrie (COL), coulométrie (COU), chimiluminescence (CHE). Dans les deux premières, l'air passe à débit contrôlé par un barboteur dans lequel le dioxyde se dissout dans un liquide. Les instruments à réaction colorimétrique utilisent la méthode Griess-Saltzman, tandis que les instruments coulométriques utilisent un réactif de brome ou d'iode. La méthode de chimiluminescence utilise la réaction en phase gazeuse du monoxyde d'azote avec l'ozone.

On présente les données sous forme de maxima horaires, de moyennes journalières de 24 heures et de moyennes mensuelles. Les unités utilisées sont des parties par cent millions en volume d'air échantillonné.

STATIONS MEASURING NITROGEN DIOXIDE  
 STATIONS MESURANT LE DIOXYDE D'AZOTE

|       |         |    |          |                          |
|-------|---------|----|----------|--------------------------|
| 30115 | I,F,CHE | 26 | HALIFAX  | CFB SHEARWATER           |
| 50102 | R,F,CHE | 10 | MONTREAL | BOTANICAL GARDENS        |
| 50104 | C,F,CHE | 45 | MONTREAL | 1125 ONTARIO, EAST       |
| 60204 | C,P,COL | 25 | WINDSOR  | 471 UNIVERSITY AVENUE    |
| 60401 | C,P,CHE | 60 | TORONTO  | 67 COLLEGE STREET        |
| 60410 | R,P,CHE | 16 | TORONTO  | LAWRENCE AND KENNEDY     |
| 60411 | R,F,CHE | 15 | TORONTO  | PHARMACY AND HWY 401     |
| 70101 | C,F,CHE | 46 | WINNIPEG | 270 OSBORNE STREET       |
| 90114 | C,F,CHE | 10 | EDMONTON | 109 STREET AND 98 AVENUE |
| 90122 | R,F,CHE | 10 | EDMONTON | 127 ST. AND 133 AVENUE   |
| 90222 | R,F,CHE | 10 | CALGARY  | 39 ST. AND 29 AVE. N.W.  |

SUMMARY OF NITROGEN DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE D'AZOTE

STATION 30115I

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   | 24                | 1   | 0.2  |
| 2   | 24                | 2   | 0.5  |
| 3   | 24                | 1   | 0.4  |
| 4   | 20                | 0   | 0.1  |
| 5   | 24                | 1   | 0.4  |
| 6   | 24                | 2   | 0.4  |
| 7   | 24                | 1   | 0.3  |
| 8   | 24                | 1   | 0.2  |
| 9   | 24                | 0   | 0.1  |
| 10  | 24                | 1   | 0.3  |
| 11  | 24                | 1   | 0.2  |
| 12  | 24                | 0   | 0.2  |
| 13  | 24                | 0   | 0.2  |
| 14  | 24                | 1   | 0.4  |
| 15  | 24                | 1   | 0.3  |
| 16  | 15                | 1   | 0.4  |
| 17  | 24                | 1   | 0.6  |
| 18  | 24                | 1   | 0.4  |
| 19  | 24                | 4   | 0.8  |
| 20  | 24                | 2   | 0.6  |
| 21  | 24                | 0   | 0.1  |
| 22  | 24                | 1   | 0.2  |
| 23  | 24                | 0   | 0.2  |
| 24  | 22                | 0   | 0.1  |
| 25  | 24                | 0   | 0.1  |
| 26  | 24                | 0   | 0.1  |
| 27  | 22                | 1   | 0.8  |
| 28  | 24                | 2   | 0.6  |
| 29  | 24                | 1   | 0.2  |
| 30  | 24                | 0   | 0.2  |

| STATION | LOCATION       | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|----------------|----------------------------|-------------------------|-----------------|
| 30115I  | CFB SHEARWATER | 703                        | 4                       | 0.3             |

MONTH: SEPTEMBER 1974

CITY: HALIFAX

SUMMARY OF NITROGEN DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE D'AZOTE

| DAY | STATION 50102R    |     |      | STATION 50104C    |     |      |
|-----|-------------------|-----|------|-------------------|-----|------|
|     | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1   | 24                | 10  | 3.8  |                   |     |      |
| 2   | 24                | 9   | 4.0  |                   |     |      |
| 3   | 24                | 6   | 2.8  |                   |     |      |
| 4   | 24                | 17  | 8.4  |                   |     |      |
| 5   | 24                | 46  | 18.2 | 16                | 12  | 4.8  |
| 6   | 24                | 40  | 10.2 | 23                | 4   | 2.8  |
| 7   | 24                | 24  | 7.3  | 24                | 9   | 4.3  |
| 8   | 24                | 16  | 5.2  | 24                | 7   | 3.4  |
| 9   | 24                | 20  | 5.6  | 23                | 7   | 3.8  |
| 10  | 24                | 4   | 2.0  | 24                | 2   | 1.8  |
| 11  | 24                | 9   | 5.1  | 24                | 4   | 2.8  |
| 12  | 24                | 10  | 5.8  | 23                | 4   | 2.9  |
| 13  | 24                | 10  | 4.7  | 24                | 4   | 2.5  |
| 14  | 24                | 7   | 3.3  | 24                | 2   | 1.8  |
| 15  | 24                | 3   | 2.1  | 24                | 4   | 2.3  |
| 16  | 24                | 10  | 4.3  | 23                | 3   | 1.9  |
| 17  | 24                | 15  | 3.5  | 24                | 5   | 2.5  |
| 18  | 24                | 5   | 2.5  | 24                | 4   | 1.7  |
| 19  | 24                | 15  | 4.6  | 9                 | 1   | 1.0  |
| 20  | 24                | 20  | 7.2  |                   |     |      |
| 21  | 24                | 18  | 9.5  |                   |     |      |
| 22  | 24                | 12  | 4.5  |                   |     |      |
| 23  | 24                | 23  | 8.0  |                   |     |      |
| 24  | 24                | 20  | 6.2  |                   |     |      |
| 25  | 24                | 3   | 2.4  |                   |     |      |
| 26  | 24                | 20  | 7.1  |                   |     |      |
| 27  | 24                | 30  | 9.0  |                   |     |      |
| 28  | 24                | 13  | 3.5  |                   |     |      |
| 29  | 24                | 4   | 1.8  |                   |     |      |
| 30  | 24                | 4   | 1.8  |                   |     |      |

| STATION | LOCATION           | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------|----------------------------|-------------------------|-----------------|
| 50102R  | BOTANICAL GARDENS  | 720                        | 46                      | 5.5             |
| 50104C  | 1125 ONTARIO, EAST | 333                        | 12                      | 2.7             |

MONTH: SEPTEMBER 1974

CITY: MONTREAL

SUMMARY OF NITROGEN DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE D'AZOTE

STATION 60204C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   | 24                | 4   | 3.1  |
| 2   | 24                | 3   | 2.4  |
| 3   | 23                | 4   | 3.0  |
| 4   | 24                | 5   | 3.8  |
| 5   | 24                | 5   | 3.8  |
| 6   | 23                | 5   | 3.8  |
| 7   | 23                | 7   | 5.0  |
| 8   | 24                | 7   | 4.5  |
| 9   | 24                | 6   | 4.2  |
| 10  | 24                | 4   | 3.4  |
| 11  | 24                | 4   | 3.1  |
| 12  | 23                | 7   | 4.3  |
| 13  | 24                | 5   | 3.4  |
| 14  | 7                 | 2   | 2.0  |
| 15  | 13                | 3   | 2.6  |
| 16  | 24                | 5   | 3.1  |
| 17  | 24                | 5   | 4.3  |
| 18  | 24                | 4   | 3.2  |
| 19  | 24                | 5   | 4.0  |
| 20  | 23                | 3   | 2.8  |
| 21  | 20                | 4   | 3.2  |
| 22  | 22                | 3   | 2.3  |
| 23  | 24                | 6   | 4.1  |
| 24  | 24                | 4   | 3.6  |
| 25  | 23                | 7   | 3.7  |
| 26  | 23                | 5   | 3.7  |
| 27  | 24                | 4   | 3.3  |
| 28  | 24                | 3   | 2.8  |
| 29  | 24                | 3   | 2.5  |
| 30  | 22                | 8   | 5.2  |

| STATION | LOCATION              | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|-----------------------|----------------------------|-------------------------|-----------------|
| 60204C  | 471 UNIVERSITY AVENUE | 677                        | 8                       | 3.5             |

MONTH: SEPTEMBER 1974

CITY: WINDSOR

SUMMARY OF NITROGEN DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE D'AZOTE

| STATION 60401C |                   |     |      | STATION 60410R    |     |      |  | STATION 60411R    |     |      |  |
|----------------|-------------------|-----|------|-------------------|-----|------|--|-------------------|-----|------|--|
| DAY            | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |  | NO. OF<br>SAMPLES | MAX | MEAN |  |
| 1              | 24                | 3   | 1.8  | 24                | 4   | 2.6  |  | 24                | 4   | 3.3  |  |
| 2              | 24                | 2   | 1.5  | 24                | 3   | 1.8  |  | 24                | 5   | 3.5  |  |
| 3              | 24                | 3   | 1.8  | 24                | 6   | 2.9  |  | 24                | 5   | 4.1  |  |
| 4              | 24                | 3   | 1.6  | 23                | 7   | 3.3  |  | 24                | 5   | 4.1  |  |
| 5              | 24                | 7   | 2.6  | 24                | 5   | 2.4  |  | 24                | 5   | 3.1  |  |
| 6              | 24                | 6   | 2.6  | 24                | 7   | 2.6  |  | 24                | 8   | 3.7  |  |
| 7              | 24                | 6   | 2.3  | 24                | 6   | 2.7  |  | 24                | 8   | 4.2  |  |
| 8              | 24                | 4   | 2.7  | 24                | 8   | 4.3  |  | 24                | 5   | 3.5  |  |
| 9              | 22                | 6   | 3.0  | 24                | 9   | 5.8  |  | 23                | 6   | 3.9  |  |
| 10             | 24                | 5   | 3.3  | 24                | 8   | 5.3  |  | 24                | 7   | 4.0  |  |
| 11             | 24                | 2   | 1.7  | 24                | 6   | 3.6  |  | 24                | 5   | 3.4  |  |
| 12             | 24                | 3   | 2.2  | 23                | 4   | 3.6  |  | 24                | 4   | 3.6  |  |
| 13             | 24                | 3   | 1.7  | 24                | 4   | 3.2  |  | 24                | 7   | 3.9  |  |
| 14             | 24                | 3   | 1.3  | 24                | 5   | 3.7  |  | 24                | 6   | 3.2  |  |
| 15             | 24                | 3   | 1.5  | 24                | 5   | 2.7  |  | 24                | 6   | 2.6  |  |
| 16             | 24                | 3   | 1.7  | 23                | 6   | 3.3  |  | 23                | 8   | 4.3  |  |
| 17             | 24                | 6   | 3.0  | 24                | 8   | 4.5  |  | 24                | 7   | 4.0  |  |
| 18             | 24                | 4   | 2.0  | 23                | 4   | 2.0  |  | 24                | 5   | 2.6  |  |
| 19             | 24                | 12  | 4.5  | 24                | 6   | 4.0  |  | 24                | 6   | 3.9  |  |
| 20             | 23                | 5   | 2.3  | 24                | 7   | 2.9  |  | 24                | 6   | 3.8  |  |
| 21             | 24                | 4   | 2.3  | 24                | 6   | 3.5  |  | 24                | 5   | 3.5  |  |
| 22             | 24                | 3   | 1.8  | 24                | 5   | 2.3  |  | 24                | 5   | 3.3  |  |
| 23             | 24                | 5   | 3.6  | 23                | 6   | 4.3  |  | 24                | 8   | 4.4  |  |
| 24             | 23                | 7   | 4.5  | 24                | 6   | 4.6  |  | 24                | 12  | 4.3  |  |
| 25             | 24                | 4   | 2.5  | 23                | 6   | 3.5  |  | 23                | 10  | 4.3  |  |
| 26             | 24                | 6   | 4.0  | 24                | 8   | 4.6  |  | 23                | 6   | 4.1  |  |
| 27             | 24                | 7   | 4.6  | 23                | 8   | 5.0  |  | 24                | 6   | 3.6  |  |
| 28             | 24                | 5   | 3.9  | 24                | 5   | 2.7  |  | 24                | 4   | 3.1  |  |
| 29             | 24                | 4   | 1.8  | 24                | 0   | 0.0  |  | 24                | 8   | 3.3  |  |
| 30             | 24                | 3   | 2.3  | 20                | 2   | 0.1  |  | 24                | 11  | 6.3  |  |

| STATION | LOCATION             | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|----------------------|----------------------------|-------------------------|-----------------|
| 60401C  | 67 COLLEGE STREET    | 716                        | 12                      | 2.5             |
| 60410R  | LAWRENCE AND KENNEDY | 709                        | 9                       | 3.3             |
| 60411R  | PHARMACY AND HWY 401 | 716                        | 12                      | 3.8             |

MONTH: SEPTEMBER 1974

CITY: TORONTO

SUMMARY OF NITROGEN DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE D'AZOTE

## STATION 70101C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   | 24                | 5   | 1.5  |
| 2   | 24                | 5   | 2.6  |
| 3   | 24                | 10  | 3.8  |
| 4   | 24                | 12  | 4.0  |
| 5   | 24                | 4   | 2.8  |
| 6   | 24                | 8   | 3.8  |
| 7   | 24                | 11  | 6.0  |
| 8   | 6                 | 7   | 5.5  |
| 9   | 10                | 5   | 3.9  |
| 10  | 24                | 5   | 3.4  |
| 11  | 24                | 10  | 5.0  |
| 12  | 24                | 14  | 7.1  |
| 13  | 24                | 9   | 4.2  |
| 14  | 24                | 10  | 5.2  |
| 15  | 24                | 11  | 5.7  |
| 16  | 24                | 9   | 3.9  |
| 17  | 24                | 13  | 5.3  |
| 18  | 24                | 8   | 4.2  |
| 19  | 24                | 16  | 5.9  |
| 20  | 24                | 10  | 5.5  |
| 21  | 24                | 22  | 12.2 |
| 22  | 24                | 11  | 3.6  |
| 23  | 24                | 8   | 4.6  |
| 24  | 24                | 8   | 3.9  |
| 25  | 24                | 8   | 4.0  |
| 26  | 24                | 6   | 3.2  |
| 27  | 24                | 18  | 5.6  |
| 28  | 24                | 3   | 2.5  |
| 29  | 24                | 3   | 1.8  |
| 30  | 24                | 8   | 3.3  |

| STATION | LOCATION           | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------|----------------------------|-------------------------|-----------------|
| 70101C  | 270 OSBORNE STREET | 688                        | 22                      | 4.5             |

MONTH: SEPTEMBER 1974

CITY: WINNIPEG

SUMMARY OF NITROGEN DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE D'AZOTE

| DAY | STATION 90114C    |     |      | STATION 90122R    |     |      |
|-----|-------------------|-----|------|-------------------|-----|------|
|     | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1   | 24                | 5   | 2.7  | 24                | 4   | 1.6  |
| 2   | 24                | 6   | 2.2  | 24                | 3   | 1.5  |
| 3   | 24                | 9   | 4.5  | 24                | 5   | 2.6  |
| 4   | 24                | 12  | 3.7  | 24                | 6   | 2.0  |
| 5   | 24                | 3   | 2.3  | 24                | 2   | 1.3  |
| 6   | 24                | 3   | 1.9  | 24                | 2   | 1.4  |
| 7   | 24                | 3   | 2.0  | 24                | 3   | 1.5  |
| 8   | 24                | 3   | 1.8  | 24                | 2   | 1.5  |
| 9   | 24                | 3   | 1.8  | 24                | 2   | 1.1  |
| 10  | 24                | 3   | 1.9  | 24                | 3   | 1.0  |
| 11  | 24                | 4   | 2.5  | 24                | 5   | 2.1  |
| 12  | 24                | 4   | 2.6  | 24                | 3   | 2.1  |
| 13  | 24                | 3   | 2.3  | 24                | 4   | 1.8  |
| 14  | 24                | 5   | 2.5  | 24                | 4   | 2.0  |
| 15  | 24                | 5   | 2.6  | 24                | 5   | 2.3  |
| 16  | 24                | 6   | 3.1  | 24                | 4   | 2.6  |
| 17  | 24                | 5   | 3.6  | 24                | 5   | 2.5  |
| 18  | 24                | 5   | 3.0  | 24                | 3   | 1.8  |
| 19  | 24                | 6   | 3.2  | 24                | 5   | 2.4  |
| 20  | 24                | 12  | 4.2  | 24                | 5   | 2.8  |
| 21  | 24                | 5   | 3.0  | 24                | 3   | 2.5  |
| 22  | 24                | 5   | 3.1  | 24                | 5   | 2.5  |
| 23  | 24                | 6   | 3.3  | 24                | 5   | 2.3  |
| 24  | 24                | 5   | 3.1  | 24                | 6   | 2.9  |
| 25  | 24                | 6   | 3.3  | 24                | 4   | 2.4  |
| 26  | 24                | 4   | 2.4  | 24                | 4   | 1.6  |
| 27  | 24                | 4   | 2.9  | 24                | 3   | 1.7  |
| 28  | 24                | 4   | 2.1  | 24                | 3   | 1.6  |
| 29  | 24                | 18  | 3.7  | 24                | 2   | 1.2  |
| 30  | 9                 | 5   | 2.8  | 24                | 3   | 1.6  |

| STATION | LOCATION                 | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------------|----------------------------|-------------------------|-----------------|
| 90114C  | 109 STREET AND 98 AVENUE | 705                        | 18                      | 2.8             |
| 90122R  | 127 ST. AND 133 AVENUE   | 720                        | 6                       | 1.9             |

MONTH: SEPTEMBER 1974

CITY: EDMONTON

SUMMARY OF NITROGEN DIOXIDE LEVELS  
VALEURS CONDENSEES DU DIOXYDE D'AZOTE

STATION 90222R

DAY NO. OF  
SAMPLES MAX MEAN

1  
2  
3  
4  
5  
6  
7  
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9  
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11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30

NO DATA

AVAILABLE

| STATION | LOCATION                | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|-------------------------|----------------------------|-------------------------|-----------------|
| 90222R  | 39 ST. AND 29 AVE. N.W. |                            |                         |                 |

MONTH: SEPTEMBER 1974

CITY: CALGARY

## OZONE

Ozone is measured continuously by one of three methods: colorimetry (COL), coulometry (COU) and chemiluminescence (CHE). In the colorimetric and coulometric methods air passes at a controlled rate through a scrubber where the ozone gas is dissolved in a liquid medium. The colorimetric determination is carried out by reacting ozone with potassium iodide to produce iodine, while the coulometric procedure employs a buffered potassium iodide solution. The chemiluminescent method uses the gas phase reaction of ozone with ethylene.

The data are reported as hourly maxima, 24 hour daily averages, and monthly averages. Units used are parts per hundred million by volume of air sampled.

## OZONE

L'ozone est mesuré en continu par trois méthodes: colorimétrie (COL), coulométrie (COU) et chimiluminescence (CHE). Dans les deux premières, l'air passe à débit contrôlé par un barboteur où l'ozone se dissout dans un liquide. La colorimétrie consiste à faire réagir l'ozone avec de l'iodure de potassium pour produire de l'iode tandis que la détermination coulométrique emploie une solution tampon d'iodure de potassium. La méthode de chimiluminescence utilise la réaction en phase gazeuse de l'ozone avec l'éthylène.

On présente les données sous forme de maxima horaires, de moyennes journalières de 24 heures et de moyennes mensuelles. Les unités utilisées sont des parties par cent millions en volume d'air échantillonné.

## STATIONS MEASURING OZONE

## STATIONS MESURANT L'OZONE

|       |         |    |           |                          |
|-------|---------|----|-----------|--------------------------|
| 50102 | R,F,CHE | 10 | MONTREAL  | BOTANICAL GARDENS        |
| 50103 | R,F,CHE | 16 | MONTREAL  | PCINTE AUX TREMBLES      |
| 50104 | C,F,CHE | 45 | MONTREAL  | 1125 ONTARIO, EAST       |
| 50109 | C,F,CHE | 16 | MONTREAL  | DUNCAN AND DECARIE       |
| 50304 | C,F,CHE | 15 | QUEBEC    | 155 DORCHESTER SOUTH     |
| 60204 | C,P,COL | 25 | WINDSOR   | 471 UNIVERSITY AVENUE    |
| 60401 | C,F,CHE | 60 | TORONTO   | 67 COLLEGE STREET        |
| 60410 | R,P,CHE | 16 | TORONTO   | LAWRENCE AND KENNEDY     |
| 60501 | C,P,COL | 12 | HAMILTON  | BARTON AND SANFORD       |
| 60602 | R,P,COL | 12 | SUDBURY   | ASH STREET               |
| 61001 | C,P,COL | 12 | SARNIA    | 156 VICTORIA STREET      |
| 70101 | C,F,CHE | 46 | WINNIPEG  | 270 OSBORNE STREET       |
| 90114 | C,P,COU | 30 | EDMONTON  | 109 STREET AND 98 AVENUE |
| 90122 | R,F,CHE | 10 | EDMONTON  | 127 ST. AND 133 AVENUE   |
| 90219 | C,P,COU | 40 | CALGARY   | 620-7TH AVENUE, S.W.     |
| 90222 | R,F,CHE | 10 | CALGARY   | 39 ST. AND 29 AVE. N.W.  |
| 00105 | C,F,CHE | 10 | VANCOUVER | 739 WEST HASTINGS STREET |
| 00106 | R,F,CHE | 5  | VANCOUVER | 2294 WEST 10TH AVENUE    |
| 00108 | I,F,CHE | 34 | VANCOUVER | 250 WEST 70TH AVENUE     |

SUMMARY OF OZONE LEVELS  
VALEURS CONDENSEES D'OZONE

| STATION 50102R |                   |     |      | STATION 50103R    |     |      |  | STATION 50104C    |     |      |  |
|----------------|-------------------|-----|------|-------------------|-----|------|--|-------------------|-----|------|--|
| DAY            | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |  | NO. OF<br>SAMPLES | MAX | MEAN |  |
| 1              | 24                | 4   | 2.0  | 24                | 5   | 2.8  |  | 24                | 2   | 1.4  |  |
| 2              | 24                | 3   | 1.0  | 24                | 4   | 1.9  |  | 24                | 2   | 1.0  |  |
| 3              | 24                | 3   | 1.4  | 24                | 4   | 2.9  |  | 23                | 2   | 0.6  |  |
| 4              | 24                | 3   | 1.1  | 24                | 5   | 2.2  |  | 24                | 1   | 0.4  |  |
| 5              | 24                | 9   | 1.9  | 24                | 11  | 3.4  |  | 24                | 4   | 0.8  |  |
| 6              | 24                | 6   | 1.8  | 24                | 7   | 2.2  |  | 21                | 2   | 0.6  |  |
| 7              | 24                | 9   | 3.0  | 24                | 9   | 3.2  |  | 24                | 15  | 3.3  |  |
| 8              | 24                | 6   | 2.7  | 24                | 8   | 3.1  |  | 24                | 5   | 1.9  |  |
| 9              | 16                | 6   | 2.4  | 23                | 8   | 3.8  |  | 23                | 6   | 2.9  |  |
| 10             | 24                | 2   | 0.6  | 24                | 2   | 1.5  |  | 24                | 1   | 0.4  |  |
| 11             | 24                | 3   | 1.1  | 24                | 5   | 1.5  |  | 24                | 3   | 1.3  |  |
| 12             | 24                | 5   | 1.5  | 24                | 4   | 1.3  |  | 24                | 5   | 1.8  |  |
| 13             | 24                | 3   | 0.7  | 24                | 4   | 1.4  |  | 24                | 3   | 1.0  |  |
| 14             | 24                | 2   | 0.8  | 24                | 4   | 2.0  |  | 24                | 1   | 0.5  |  |
| 15             | 24                | 4   | 2.4  | 24                | 5   | 2.8  |  | 24                | 4   | 2.2  |  |
| 16             | 24                | 2   | 0.9  | 22                | 3   | 1.6  |  | 23                | 2   | 0.6  |  |
| 17             | 24                | 5   | 1.7  | 24                | 5   | 2.2  |  | 24                | 4   | 1.3  |  |
| 18             | 24                | 9   | 2.4  | 24                | 7   | 2.3  |  | 24                | 2   | 0.6  |  |
| 19             | 24                | 4   | 1.3  | 24                | 5   | 1.8  |  | 24                | 1   | 0.3  |  |
| 20             | 24                | 6   | 1.8  | 24                | 6   | 2.2  |  | 24                | 4   | 0.9  |  |
| 21             | 24                | 1   | 0.0  | 24                | 1   | 0.3  |  | 24                | 0   | 0.0  |  |
| 22             | 24                | 2   | 0.7  | 24                | 3   | 1.3  |  | 24                | 0   | 0.0  |  |
| 23             | 24                | 2   | 0.7  | 24                | 3   | 1.7  |  | 24                | 0   | 0.0  |  |
| 24             | 24                | 3   | 0.9  | 24                | 4   | 1.4  |  | 22                | 1   | 0.0  |  |
| 25             | 24                | 3   | 0.9  | 24                | 4   | 2.4  |  | 24                | 1   | 0.1  |  |
| 26             | 24                | 1   | 0.5  | 24                | 3   | 1.1  |  | 8                 | 0   | 0.0  |  |
| 27             | 24                | 6   | 1.6  | 24                | 8   | 2.4  |  | 24                | 3   | 0.3  |  |
| 28             | 24                | 4   | 1.7  | 24                | 5   | 3.1  |  | 24                | 2   | 0.7  |  |
| 29             | 24                | 3   | 2.0  | 24                | 4   | 2.7  |  | 24                | 2   | 1.0  |  |
| 30             | 24                | 2   | 1.5  | 24                | 7   | 2.8  |  | 24                | 2   | 0.3  |  |

| STATION | LOCATION            | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|---------------------|----------------------------|-------------------------|-----------------|
| 50102R  | BOTANICAL GARDENS   | 712                        | 9                       | 1.4             |
| 50103R  | POINTE AUX TREMBLES | 717                        | 11                      | 2.2             |
| 50104C  | 1125 ONTARIO, EAST  | 696                        | 15                      | 0.9             |

MONTH: SEPTEMBER 1974

CITY: MONTREAL

SUMMARY OF OZONE LEVELS  
VALEURS CONDENSEES D'OZONE

STATION 50109C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   | 24                | 2   | 1.3  |
| 2   | 24                | 4   | 1.4  |
| 3   | 24                | 3   | 1.3  |
| 4   | 24                | 2   | 0.7  |
| 5   |                   |     |      |
| 6   |                   |     |      |
| 7   |                   |     |      |
| 8   |                   |     |      |
| 9   |                   |     |      |
| 10  |                   |     |      |
| 11  |                   |     |      |
| 12  |                   |     |      |
| 13  | 13                | 2   | 0.9  |
| 14  | 24                | 1   | 0.3  |
| 15  | 24                | 4   | 1.8  |
| 16  | 24                | 2   | 0.7  |
| 17  | 24                | 3   | 1.1  |
| 18  | 24                | 8   | 2.0  |
| 19  | 24                | 2   | 0.5  |
| 20  | 24                | 5   | 0.9  |
| 21  | 24                | 0   | 0.0  |
| 22  | 24                | 2   | 0.6  |
| 23  | 24                | 1   | 0.4  |
| 24  | 24                | 2   | 0.4  |
| 25  | 24                | 2   | 0.7  |
| 26  | 24                | 1   | 0.3  |
| 27  | 24                | 4   | 0.7  |
| 28  | 24                | 2   | 0.9  |
| 29  | 24                | 3   | 2.0  |
| 30  | 23                | 4   | 2.0  |

| STATION | LOCATION           | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------|----------------------------|-------------------------|-----------------|
| 50109C  | DUNCAN AND DECARIE | 516                        | 8                       | 0.9             |

MONTH: SEPTEMBER 1974

CITY: MONTREAL

SUMMARY OF OZONE LEVELS  
VALEURS CONDENSEES D'OZONE

STATION 50304C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   |                   |     |      |
| 2   |                   |     |      |
| 3   |                   |     |      |
| 4   |                   |     |      |
| 5   |                   |     |      |
| 6   |                   |     |      |
| 7   |                   |     |      |
| 8   |                   |     |      |
| 9   |                   |     |      |
| 10  |                   |     |      |
| 11  |                   |     |      |
| 12  |                   |     |      |
| 13  |                   |     |      |
| 14  |                   |     |      |
| 15  |                   |     |      |
| 16  | 10                | 0   | 0.0  |
| 17  | 24                | 0   | 0.0  |
| 18  | 23                | 1   | 0.3  |
| 19  | 24                | 1   | 0.2  |
| 20  | 23                | 1   | 0.0  |
| 21  | 24                | 1   | 0.0  |
| 22  | 24                | 1   | 0.5  |
| 23  | 24                | 1   | 0.3  |
| 24  | 24                | 1   | 0.3  |
| 25  | 23                | 0   | 0.0  |
| 26  | 24                | 1   | 0.2  |
| 27  | 22                | 1   | 0.0  |
| 28  | 24                | 1   | 0.1  |
| 29  | 24                | 1   | 0.8  |
| 30  | 23                | 2   | 1.2  |

| STATION | LOCATION             | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|----------------------|----------------------------|-------------------------|-----------------|
| 50304C  | 155 DORCHESTER SOUTH | 340                        | 2                       | 0.3             |

MONTH: SEPTEMBER 1974

CITY: QUEBEC

SUMMARY OF OZONE LEVELS  
VALEURS CONDENSEES D'OZONE

STATION 60204C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   | 24                | 5   | 1.6  |
| 2   | 24                | 2   | 1.7  |
| 3   | 23                | 2   | 0.8  |
| 4   | 24                | 3   | 0.7  |
| 5   | 24                | 3   | 1.0  |
| 6   | 23                | 4   | 1.8  |
| 7   | 24                | 8   | 2.4  |
| 8   | 24                | 6   | 2.4  |
| 9   | 24                | 7   | 2.7  |
| 10  | 12                | 3   | 0.7  |
| 11  | 24                | 3   | 1.0  |
| 12  | 20                | 4   | 1.2  |
| 13  | 22                | 2   | 0.6  |
| 14  | 24                | 3   | 1.0  |
| 15  | 24                | 6   | 1.9  |
| 16  | 24                | 5   | 1.4  |
| 17  | 23                | 4   | 1.5  |
| 18  | 24                | 5   | 1.6  |
| 19  | 24                | 7   | 2.2  |
| 20  | 23                | 2   | 0.9  |
| 21  | 24                | 3   | 1.0  |
| 22  | 24                | 3   | 2.0  |
| 23  | 24                | 4   | 1.1  |
| 24  | 23                | 3   | 1.6  |
| 25  | 23                | 3   | 1.3  |
| 26  | 23                | 4   | 1.6  |
| 27  | 24                | 6   | 2.2  |
| 28  | 24                | 2   | 0.7  |
| 29  | 24                | 3   | 1.0  |
| 30  | 23                | 1   | 0.4  |

| STATION | LOCATION              | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|-----------------------|----------------------------|-------------------------|-----------------|
| 60204C  | 471 UNIVERSITY AVENUE | 694                        | 8                       | 1.4             |

MONTH: SEPTEMBER 1974

CITY: WINDSOR

SUMMARY OF OZONE LEVELS  
VALEURS CONDENSEES D'OZONE

| DAY | STATION 60401C    |     |      | STATION 60410R    |     |      |
|-----|-------------------|-----|------|-------------------|-----|------|
|     | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1   | 24                | 6   | 2.8  | 15                | 3   | 0.8  |
| 2   | 24                | 3   | 1.8  | 24                | 1   | 0.8  |
| 3   | 24                | 4   | 2.1  | 23                | 2   | 1.0  |
| 4   | 24                | 4   | 1.8  | 24                | 2   | 0.6  |
| 5   | 24                | 5   | 1.8  | 24                | 2   | 0.8  |
| 6   | 24                | 5   | 2.9  | 23                | 4   | 1.6  |
| 7   | 24                | 9   | 4.1  | 24                | 5   | 2.1  |
| 8   | 24                | 9   | 4.1  | 20                | 4   | 1.4  |
| 9   | 10                | 4   | 1.6  | 13                | 3   | 1.1  |
| 10  | 24                | 9   | 3.8  | 14                | 4   | 0.7  |
| 11  | 23                | 5   | 2.7  | 16                | 2   | 0.6  |
| 12  | 24                | 4   | 0.9  | 22                | 1   | 0.3  |
| 13  | 24                | 3   | 1.2  | 22                | 1   | 0.4  |
| 14  | 24                | 4   | 2.1  | 24                | 2   | 0.8  |
| 15  | 24                | 6   | 2.5  | 24                | 3   | 1.2  |
| 16  | 24                | 4   | 1.8  | 24                | 2   | 0.9  |
| 17  | 24                | 8   | 1.7  | 24                | 4   | 0.8  |
| 18  | 24                | 3   | 1.8  | 21                | 4   | 1.7  |
| 19  | 5                 | 0   | 0.0  | 24                | 7   | 2.4  |
| 20  | 9                 | 2   | 0.8  | 23                | 2   | 0.8  |
| 21  | 24                | 4   | 0.9  | 24                | 2   | 0.4  |
| 22  | 24                | 3   | 1.7  | 24                | 2   | 1.0  |
| 23  | 24                | 2   | 0.5  | 21                | 2   | 0.4  |
| 24  | 20                | 4   | 1.9  | 24                | 4   | 1.2  |
| 25  | 24                | 4   | 1.8  | 24                | 4   | 1.1  |
| 26  | 24                | 7   | 1.8  | 24                | 5   | 1.4  |
| 27  | 24                | 8   | 3.5  | 23                | 6   | 3.0  |
| 28  | 24                | 6   | 1.7  | 24                | 4   | 1.5  |
| 29  | 24                | 4   | 2.3  | 24                | 4   | 1.6  |
| 30  | 24                | 4   | 1.8  | 24                | 4   | 1.2  |

| STATION | LOCATION             | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|----------------------|----------------------------|-------------------------|-----------------|
| 60401C  | 67 COLLEGE STREET    | 667                        | 9                       | 2.1             |
| 60410R  | LAWRENCE AND KENNEDY | 664                        | 7                       | 1.1             |

MONTH: SEPTEMBER 1974

CITY: TORONTO

SUMMARY OF OZONE LEVELS  
VALEURS CONDENSEES D'OZONE

STATION 60501C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   | 24                | 5   | 2.1  |
| 2   | 24                | 3   | 1.8  |
| 3   | 23                | 4   | 1.6  |
| 4   | 24                | 3   | 1.3  |
| 5   | 24                | 3   | 0.9  |
| 6   | 24                | 4   | 1.5  |
| 7   | 24                | 5   | 2.1  |
| 8   | 24                | 7   | 4.4  |
| 9   | 23                | 8   | 5.5  |
| 10  | 24                | 7   | 4.8  |
| 11  | 24                | 5   | 2.7  |
| 12  | 24                | 3   | 1.8  |
| 13  | 24                | 4   | 1.9  |
| 14  | 24                | 3   | 1.7  |
| 15  | 24                | 5   | 3.2  |
| 16  | 24                | 4   | 1.7  |
| 17  | 24                | 6   | 2.2  |
| 18  | 24                | 2   | 0.8  |
| 19  | 24                | 8   | 3.7  |
| 20  | 24                | 5   | 2.2  |
| 21  | 24                | 3   | 1.0  |
| 22  | 24                | 3   | 1.9  |
| 23  | 23                | 2   | 0.8  |
| 24  | 24                | 3   | 1.2  |
| 25  | 24                | 3   | 1.5  |
| 26  | 24                | 6   | 2.6  |
| 27  | 24                | 6   | 2.8  |
| 28  | 24                | 4   | 1.6  |
| 29  | 24                | 3   | 1.8  |
| 30  | 24                | 2   | 0.9  |

| STATION | LOCATION           | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------|----------------------------|-------------------------|-----------------|
| 60501C  | BARTON AND SANFORD | 717                        | 8                       | 2.1             |

MONTH: SEPTEMBER 1974

CITY: HAMILTON

SUMMARY OF OZONE LEVELS  
VALEURS CONDENSEES D'OZONE

STATION 60602R

DAY NO. OF  
SAMPLES MAX MEAN1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30

NO DATA

AVAILABLE

| STATION | LOCATION   | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|------------|----------------------------|-------------------------|-----------------|
| 60602R  | ASH STREET |                            |                         |                 |

MONTH: SEPTEMBER 1974

CITY: SUDBURY

SUMMARY OF OZONE LEVELS  
VALEURS CONDENSEES D'OZONE

## STATION 61001C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   | 23                | 3   | 1.5  |
| 2   | 24                | 2   | 1.2  |
| 3   | 23                | 2   | 1.6  |
| 4   | 24                | 2   | 1.3  |
| 5   | 23                | 3   | 1.3  |
| 6   | 23                | 4   | 1.6  |
| 7   | 24                | 4   | 2.4  |
| 8   | 24                | 4   | 1.7  |
| 9   | 24                | 1   | 0.6  |
| 10  | 24                | 9   | 2.6  |
| 11  | 24                | 2   | 0.5  |
| 12  | 20                | 4   | 1.2  |
| 13  | 22                | 2   | 0.9  |
| 14  | 24                | 2   | 1.2  |
| 15  | 24                | 3   | 1.4  |
| 16  | 23                | 2   | 1.5  |
| 17  | 24                | 4   | 1.7  |
| 18  | 23                | 4   | 1.8  |
| 19  | 21                | 5   | 2.0  |
| 20  | 24                | 2   | 1.0  |
| 21  | 24                | 3   | 1.3  |
| 22  | 24                | 3   | 1.9  |
| 23  | 24                | 3   | 1.6  |
| 24  | 21                | 4   | 1.6  |
| 25  | 23                | 3   | 1.2  |
| 26  | 21                | 7   | 2.5  |
| 27  | 24                | 8   | 2.9  |
| 28  | 24                | 4   | 1.8  |
| 29  | 20                | 4   | 1.9  |
| 30  | 16                | 2   | 1.3  |

| STATION | LOCATION            | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|---------------------|----------------------------|-------------------------|-----------------|
| 61001C  | 156 VICTORIA STREET | 686                        | 9                       | 1.6             |

MONTH: SEPTEMBER 1974

CITY: SARNIA

SUMMARY OF OZONE LEVELS  
VALEURS CONDENSEES D'OZONE

STATION 70101C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   | 24                | 1   | 0.7  |
| 2   | 24                | 2   | 0.9  |
| 3   | 24                | 3   | 1.1  |
| 4   | 24                | 3   | 1.2  |
| 5   | 24                | 2   | 1.4  |
| 6   | 23                | 2   | 0.4  |
| 7   | 24                | 3   | 1.3  |
| 8   | 24                | 4   | 2.4  |
| 9   | 4                 | 3   | 2.7  |
| 10  | 10                | 1   | 0.6  |
| 11  | 24                | 1   | 0.3  |
| 12  | 24                | 1   | 0.3  |
| 13  | 24                | 1   | 0.5  |
| 14  | 24                | 2   | 1.2  |
| 15  | 24                | 1   | 0.8  |
| 16  | 24                | 2   | 0.8  |
| 17  | 24                | 1   | 0.6  |
| 18  | 24                | 1   | 0.8  |
| 19  | 24                | 2   | 0.6  |
| 20  | 24                | 2   | 0.5  |
| 21  | 24                | 1   | 0.6  |
| 22  | 24                | 1   | 0.7  |
| 23  | 24                | 2   | 0.8  |
| 24  | 22                | 1   | 0.6  |
| 25  | 24                | 1   | 0.7  |
| 26  | 24                | 2   | 0.7  |
| 27  | 24                | 3   | 1.0  |
| 28  | 24                | 1   | 0.7  |
| 29  | 24                | 1   | 0.5  |
| 30  | 24                | 2   | 1.0  |

| STATION | LOCATION           | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------|----------------------------|-------------------------|-----------------|
| 70101C  | 270 OSBORNE STREET | 683                        | 4                       | 0.8             |

MONTH: SEPTEMBER 1974

CITY: WINNIPEG

SUMMARY OF OZONE LEVELS  
VALEURS CONDENSEES D'OZONE

| DAY | STATION 90114C    |     |      | STATION 90122R    |     |      |
|-----|-------------------|-----|------|-------------------|-----|------|
|     | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1   | 24                | 6   | 2.5  | 24                | 6   | 2.2  |
| 2   | 24                | 8   | 3.5  | 24                | 7   | 2.8  |
| 3   | 24                | 7   | 2.1  | 24                | 7   | 2.0  |
| 4   | 24                | 5   | 0.7  | 24                | 4   | 1.0  |
| 5   | 24                | 1   | 0.3  | 24                | 2   | 0.9  |
| 6   | 24                | 1   | 0.6  | 24                | 2   | 0.9  |
| 7   | 24                | 3   | 1.6  | 24                | 3   | 1.8  |
| 8   | 24                | 2   | 1.3  | 24                | 2   | 1.0  |
| 9   | 21                | 2   | 0.7  | 24                | 2   | 0.8  |
| 10  | 17                | 2   | 0.8  | 24                | 2   | 1.4  |
| 11  | 18                | 2   | 0.7  | 24                | 3   | 1.1  |
| 12  | 11                | 3   | 1.4  | 24                | 4   | 1.1  |
| 13  | 24                | 2   | 0.6  | 24                | 2   | 1.0  |
| 14  | 10                | 0   | 0.0  | 24                | 5   | 1.0  |
| 15  |                   |     |      | 24                | 4   | 1.0  |
| 16  | 17                | 4   | 1.7  | 24                | 5   | 1.8  |
| 17  | 24                | 5   | 1.4  | 24                | 5   | 1.8  |
| 18  | 24                | 4   | 2.0  | 24                | 5   | 2.6  |
| 19  | 24                | 4   | 1.3  | 24                | 4   | 1.7  |
| 20  | 24                | 4   | 1.1  | 24                | 5   | 1.2  |
| 21  | 24                | 4   | 1.2  | 24                | 4   | 1.1  |
| 22  | 24                | 4   | 1.0  | 24                | 4   | 1.0  |
| 23  | 24                | 3   | 1.0  | 24                | 4   | 1.4  |
| 24  | 24                | 4   | 1.8  | 24                | 4   | 1.8  |
| 25  | 24                | 4   | 2.3  | 24                | 6   | 2.7  |
| 26  | 24                | 5   | 2.2  | 24                | 5   | 3.0  |
| 27  | 19                | 1   | 0.2  | 24                | 3   | 1.2  |
| 28  | 24                | 3   | 1.6  | 24                | 4   | 2.2  |
| 29  | 24                | 3   | 2.4  | 24                | 4   | 3.2  |
| 30  | 24                | 4   | 2.3  | 24                | 4   | 3.1  |

| STATION | LOCATION                 | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------------|----------------------------|-------------------------|-----------------|
| 90114C  | 109 STREET AND 98 AVENUE | 641                        | 8                       | 1.4             |
| 90122R  | 127 ST. AND 133 AVENUE   | 720                        | 7                       | 1.6             |

MONTH: SEPTEMBER 1974

CITY: EDMONTON

SUMMARY OF OZONE LEVELS  
VALEURS CONDENSEES D'OZONE

| DAY | STATION 90219C    |     |      | STATION 90222R    |     |      |
|-----|-------------------|-----|------|-------------------|-----|------|
|     | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1   | 24                | 5   | 2.7  | 24                | 6   | 2.4  |
| 2   | 24                | 4   | 2.0  | 24                | 7   | 1.8  |
| 3   | 24                | 4   | 2.0  | 24                | 5   | 1.7  |
| 4   | 24                | 2   | 1.3  | 24                | 3   | 1.5  |
| 5   | 24                | 1   | 0.0  | 24                | 1   | 0.0  |
| 6   | 24                | 1   | 0.5  | 24                | 2   | 0.9  |
| 7   | 24                | 1   | 0.3  | 24                | 1   | 0.2  |
| 8   | 24                | 1   | 0.4  | 24                | 1   | 0.1  |
| 9   | 24                | 1   | 0.4  | 24                | 3   | 0.5  |
| 10  | 24                | 1   | 0.6  | 24                | 1   | 0.5  |
| 11  | 24                | 1   | 0.9  | 24                | 2   | 0.8  |
| 12  | 24                | 2   | 0.7  | 24                | 4   | 1.3  |
| 13  | 24                | 1   | 0.5  | 24                | 3   | 1.3  |
| 14  | 24                | 2   | 0.3  | 24                | 4   | 1.2  |
| 15  | 24                | 2   | 1.0  | 24                | 4   | 1.3  |
| 16  | 24                | 2   | 1.1  | 24                | 6   | 2.0  |
| 17  | 24                | 2   | 0.6  | 24                | 4   | 1.9  |
| 18  | 24                | 2   | 0.7  | 24                | 3   | 1.3  |
| 19  | 24                | 2   | 0.7  | 24                | 4   | 1.3  |
| 20  | 24                | 2   | 0.8  | 24                | 6   | 1.5  |
| 21  | 24                | 1   | 0.3  | 24                | 8   | 1.4  |
| 22  | 24                | 1   | 0.3  | 23                | 3   | 1.1  |
| 23  | 24                | 1   | 0.3  | 24                | 3   | 1.6  |
| 24  | 24                | 1   | 0.2  | 24                | 4   | 1.2  |
| 25  | 24                | 2   | 1.0  | 24                | 7   | 2.7  |
| 26  | 24                | 2   | 1.0  | 24                | 4   | 2.5  |
| 27  | 24                | 2   | 0.5  | 24                | 3   | 1.4  |
| 28  | 24                | 2   | 0.8  | 24                | 3   | 1.9  |
| 29  | 24                | 1   | 0.9  | 24                | 3   | 1.8  |
| 30  | 24                | 1   | 0.9  | 24                | 2   | 1.5  |

| STATION | LOCATION                | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|-------------------------|----------------------------|-------------------------|-----------------|
| 90219C  | 620-7TH AVENUE, S.W.    | 720                        | 5                       | 0.8             |
| 90222R  | 39 ST. AND 29 AVE. N.W. | 719                        | 8                       | 1.3             |

MONTH: SEPTEMBER 1974

CITY: CALGARY

SUMMARY OF OZONE LEVELS  
VALEURS CONDENSEES D'OZONE

| DAY | STATION 00105C    |     |      | STATION 00106R    |     |      | STATION 00108I    |     |      |
|-----|-------------------|-----|------|-------------------|-----|------|-------------------|-----|------|
|     | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1   | 24                | 1   | 0.1  | 24                | 8   | 2.8  |                   |     |      |
| 2   | 24                | 0   | 0.1  | 24                | 8   | 2.8  |                   |     |      |
| 3   | 10                | 0   | 0.0  | 24                | 6   | 2.1  |                   |     |      |
| 4   |                   |     |      | 24                | 4   | 2.1  |                   |     |      |
| 5   |                   |     |      | 24                | 2   | 0.8  |                   |     |      |
| 6   | 10                | 0   | 0.0  | 24                | 2   | 0.9  |                   |     |      |
| 7   | 24                | 0   | 0.1  | 24                | 3   | 1.0  |                   |     |      |
| 8   | 24                | 0   | 0.0  | 24                | 2   | 0.8  |                   |     |      |
| 9   | 24                | 0   | 0.0  | 24                | 2   | 1.1  |                   |     |      |
| 10  | 24                | 1   | 0.2  | 24                | 3   | 1.0  |                   |     |      |
| 11  | 8                 | 0   | 0.0  | 24                | 3   | 0.9  |                   |     |      |
| 12  |                   |     |      | 24                | 2   | 0.7  |                   |     |      |
| 13  | 16                | 0   | 0.0  | 24                | 2   | 0.6  |                   |     |      |
| 14  | 24                | 1   | 0.1  | 24                | 10  | 2.8  |                   |     |      |
| 15  | 24                | 0   | 0.0  | 24                | 6   | 1.7  |                   |     |      |
| 16  | 24                | 0   | 0.0  | 24                | 7   | 1.8  |                   |     |      |
| 17  | 24                | 1   | 0.0  | 24                | 10  | 2.1  |                   |     |      |
| 18  | 24                | 1   | 0.2  | 24                | 3   | 1.1  |                   |     |      |
| 19  | 24                | 1   | 0.1  | 24                | 2   | 0.8  |                   |     |      |
| 20  | 24                | 2   | 0.2  | 24                | 2   | 0.7  |                   |     |      |
| 21  | 24                | 2   | 0.4  | 24                | 2   | 0.8  |                   |     |      |
| 22  | 24                | 2   | 0.6  | 24                | 5   | 1.2  |                   |     |      |
| 23  | 24                | 2   | 0.2  | 24                | 3   | 0.8  |                   |     |      |
| 24  | 24                | 4   | 0.4  | 24                | 7   | 1.2  |                   |     |      |
| 25  | 24                | 2   | 0.7  | 24                | 2   | 0.2  |                   |     |      |
| 26  | 24                | 4   | 0.9  | 24                | 5   | 2.1  |                   |     |      |
| 27  | 24                | 2   | 0.4  | 24                | 3   | 0.9  |                   |     |      |
| 28  | 24                | 4   | 1.6  | 24                | 4   | 1.8  |                   |     |      |
| 29  | 24                | 5   | 0.9  | 24                | 4   | 1.1  |                   |     |      |
| 30  | 24                | 1   | 0.2  | 24                | 4   | 0.7  |                   |     |      |

NO DATA  
AVAILABLE

| STATION | LOCATION                 | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------------|----------------------------|-------------------------|-----------------|
| 00105C  | 739 WEST HASTINGS STREET | 596                        | 5                       | 0.3             |
| 00106R  | 2294 WEST 10TH AVENUE    | 720                        | 10                      | 1.3             |
| 00108I  | 250 WEST 70TH AVENUE     |                            |                         |                 |

MONTH: SEPTEMBER 1974

CITY: VANCOUVER

## SOILING INDEX

The soiling index is an indication of the soiling or darkening potential of the pollutants in the atmosphere. A measured volume of air is continuously drawn through a circular area on a paper filter tape producing a stain or spot as a result of the deposited particulate matter. Samples are taken automatically for specified time periods, normally two hours. Light transmission measurements are made and the results recorded in terms of the "coefficient of haze" (COH). A COH unit has been defined as that quantity of particulate matter which produces an optical density of 0.01 with light at  $400\text{ m}\mu$  wavelength. The soiling index is expressed as the number of COH units per 1000 linear feet of air drawn through the filter.

## INDICE DE SOUILLURE

L'indice de souillure est une indication du pouvoir salissant des polluants de l'atmosphère. Un volume d'air déterminé est aspiré à travers un ruban de papier filtre pendant une période qui est habituellement de deux heures et les particules se déposent sur le filtre produisant une tache circulaire. Le prélèvement est automatisé.

Les tache sont ensuite étudiées au moyen d'un appareil qui mesure la quantité de lumière absorbée par la poussière, et les résultats sont exprimés en unités COH (coefficient d'obscurité). Une unité COH a été définie comme étant la quantité de particules produisant une densité optique de 0.01 avec une lumière d'une longueur d'onde de  $400\text{ m}\mu$ . L'indice de souillure est le nombre d'unités COH par 1000 pieds linéaires d'air aspiré à travers le filtre.

STATIONS MEASURING SOILING INDEX  
STATIONS MESURANT L'INDICE DE SOUILLURE

|       |     |    |           |                         |
|-------|-----|----|-----------|-------------------------|
| 30116 | C,F | 8  | HALIFAX   | BARRINGTON AND DUKE     |
| 30310 | C,F | 12 | SYDNEY    | COUNTY JAIL             |
| 30311 | R,F | 15 | SYDNEY    | WHITNEY PIER FIRE STN.  |
| 30405 | C,F | 15 | GLACE BAY | GENERAL HOSPITAL        |
| 30406 | R,F | 15 | GLACE BAY | PUMPING STATION ROAD    |
| 50101 | R,P | 10 | MONTREAL  | JARRY PARK              |
| 50102 | R,P | 10 | MONTREAL  | BOTANICAL GARDENS       |
| 50103 | R,P | 16 | MONTREAL  | POINTE AUX TREMBLES     |
| 50104 | C,F | 45 | MONTREAL  | 1125 ONTARIO, EAST      |
| 50105 | C,M | 42 | MONTREAL  | 1212 DRUMMOND           |
| 50106 | R,P | 10 | MONTREAL  | VILLE ST. LAURENT       |
| 50107 | R,P | 9  | MONTREAL  | VILLE LASALLE           |
| 50109 | C,P | 16 | MONTREAL  | DUNCAN AND DECARIE      |
| 50201 | C,F | 45 | HULL      | RUE PRINCIPALE          |
| 50304 | C,F | 10 | QUEBEC    | 155 DORCHESTER SOUTH    |
| 60101 | C,F | 40 | OTTAWA    | SLATER AND ELGIN        |
| 60102 | R,F | 10 | OTTAWA    | EXPERIMENTAL FARM       |
| 60103 | C,F | 40 | OTTAWA    | GILMOUR STREET          |
| 60201 | I,P | 12 | WINDSOR   | MORTON TERMINAL DOCK    |
| 60204 | C,P | 25 | WINDSOR   | 471 UNIVERSITY AVENUE   |
| 60401 | C,P | 60 | TORONTO   | 67 COLLEGE STREET       |
| 60402 | R,P | 55 | TORONTO   | DON MILLS, SCIENCE CNTR |
| 60403 | I,P | 10 | TORONTO   | EVANS AND ARNOLD        |
| 60410 | R,P | 16 | TORONTO   | LAWRENCE AND KENNEDY    |

|       |     |    |               |                          |
|-------|-----|----|---------------|--------------------------|
| 60411 | R,P | 8  | TORONTO       | PHARMACY AND HWY 401     |
| 60501 | C,P | 12 | HAMILTON      | BARTON AND SANFORD       |
| 60505 | R,P | 12 | HAMILTON      | NORTH PARK               |
| 60602 | R,P | 12 | SUDBURY       | ASH STREET               |
| 60901 | C,P | 13 | LONDON        | KING AND RECTORY         |
| 61001 | C,P | 12 | SARNIA        | 156 VICTORIA STREET      |
| 70101 | C,F | 38 | WINNIPEG      | 270 OSBORNE STREET       |
| 70102 | R,F | 30 | WINNIPEG      | PORTAGE AT WOODLAWN      |
| 70104 | I,F | 12 | WINNIPEG      | UNION STOCK YARDS        |
| 70201 | C,F | 40 | BRANDON       | 11TH ST. & PRINCESS AVE. |
| 80102 | R,F | 18 | REGINA        | 3211 ALBERT STREET       |
| 80108 | C,F | 48 | REGINA        | 12TH AND SMITH           |
| 80202 | C,F | 37 | SASKATOON     | CITY LIBRARY             |
| 80203 | R,F | 53 | SASKATOON     | MOUNT ROYAL LODGE        |
| 80301 | C,F | 54 | MOOSE JAW     | TELEPHONE BUILDING       |
| 80401 | C,F | 28 | PRINCE ALBERT | 49-12TH STREET EAST      |
| 90109 | I,P | 16 | EDMONTON      | 149 ST. AND 115 AVENUE   |
| 90118 | R,P | 8  | EDMONTON      | 73 AVENUE AND 95 STREET  |
| 90123 | C,P | 65 | EDMONTON      | 100 ST. AND 102 AVENUE   |
| 90216 | R,P | 10 | CALGARY       | WATERWORKS PLANT         |
| 90218 | I,P | 10 | CALGARY       | BONNY BRK & 18A ST. S.E. |
| 90219 | C,P | 40 | CALGARY       | 620-7TH AVENUE, S.W.     |
| 00102 | R,F | 15 | VANCOUVER     | 100 RICHMOND STREET      |
| 00105 | C,F | 75 | VANCOUVER     | 739 WEST HASTINGS STREET |
| 00106 | R,F | 55 | VANCOUVER     | 2294 WEST 10TH AVENUE    |
| 00108 | I,F | 30 | VANCOUVER     | 250 WEST 70TH AVENUE     |
| 00301 | C,F | 45 | VICTORIA      | POLICE STATION, FISGUARD |

09001 C,F

26 WHITEHORSE

FEDERAL BUILDING

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

STATION 30116C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   |                   |     |      |
| 2   |                   |     |      |
| 3   |                   |     |      |
| 4   |                   |     |      |
| 5   |                   |     |      |
| 6   |                   |     |      |
| 7   |                   |     |      |
| 8   |                   |     |      |
| 9   |                   |     |      |
| 10  | 4                 | 1.0 | 0.5  |
| 11  | 12                | 0.7 | 0.4  |
| 12  | 11                | 1.7 | 0.8  |
| 13  | 12                | 1.7 | 0.9  |
| 14  | 12                | 1.7 | 0.7  |
| 15  | 12                | 1.2 | 0.8  |
| 16  | 12                | 3.0 | 1.1  |
| 17  | 12                | 1.3 | 0.8  |
| 18  | 12                | 1.7 | 0.7  |
| 19  | 12                | 1.4 | 0.8  |
| 20  | 12                | 3.0 | 1.2  |
| 21  | 12                | 1.6 | 0.9  |
| 22  | 12                | 0.5 | 0.4  |
| 23  | 12                | 1.3 | 0.6  |
| 24  | 12                | 0.6 | 0.3  |
| 25  | 12                | 0.7 | 0.4  |
| 26  | 12                | 0.6 | 0.4  |
| 27  | 12                | 1.0 | 0.7  |
| 28  | 12                | 1.5 | 1.0  |
| 29  | 6                 | 1.0 | 0.5  |
| 30  |                   |     |      |

| STATION | LOCATION            | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|---------------------|----------------------------|-------------------------|-----------------|
| 30116C  | BARRINGTON AND DUKE | 225                        | 3.0                     | 0.7             |

MONTH: SEPTEMBER 1974

CITY: HALIFAX

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

| DAY | STATION 30310C    |     |      | STATION 30311R    |     |      |
|-----|-------------------|-----|------|-------------------|-----|------|
|     | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1   |                   |     |      | 12                | 3.8 | 1.8  |
| 2   |                   |     |      | 12                | 1.9 | 0.7  |
| 3   |                   |     |      | 12                | 7.0 | 1.7  |
| 4   |                   |     |      | 12                | 1.9 | 0.6  |
| 5   |                   |     |      | 12                | 2.5 | 1.0  |
| 6   |                   |     |      | 12                | 2.0 | 0.8  |
| 7   |                   |     |      | 12                | 1.6 | 0.7  |
| 8   |                   |     |      | 12                | 2.7 | 0.5  |
| 9   |                   |     |      | 12                | 1.7 | 1.2  |
| 10  |                   |     |      | 12                | 7.3 | 2.1  |
| 11  |                   |     |      | 12                | 8.2 | 1.4  |
| 12  |                   |     |      | 12                | 2.1 | 1.5  |
| 13  |                   |     |      | 12                | 3.3 | 2.3  |
| 14  |                   |     |      | 12                | 7.6 | 2.4  |
| 15  |                   |     |      | 12                | 4.1 | 1.2  |
| 16  |                   |     |      | 12                | 2.4 | 1.0  |
| 17  |                   |     |      | 12                | 3.9 | 1.3  |
| 18  |                   |     |      | 12                | 1.0 | 0.6  |
| 19  |                   |     |      | 12                | 5.4 | 2.0  |
| 20  | 7                 | 0.8 | 0.4  | 12                | 8.7 | 2.6  |
| 21  | 12                | 0.9 | 0.3  | 12                | 9.9 | 2.8  |
| 22  | 12                | 3.5 | 0.7  | 12                | 7.9 | 2.1  |
| 23  | 12                | 2.4 | 0.7  | 12                | 1.6 | 0.9  |
| 24  | 12                | 1.1 | 0.4  | 12                | 4.1 | 0.8  |
| 25  | 12                | 1.3 | 0.5  | 12                | 5.2 | 1.6  |
| 26  | 12                | 1.1 | 0.5  | 12                | 8.9 | 2.5  |
| 27  | 12                | 0.8 | 0.4  | 12                | 1.6 | 0.6  |
| 28  | 12                | 1.1 | 0.4  | 12                | 4.8 | 1.7  |
| 29  | 12                | 4.1 | 0.9  | 12                | 1.9 | 1.2  |
| 30  | 12                | 3.0 | 1.1  | 12                | 2.5 | 1.2  |

| STATION | LOCATION               | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|------------------------|----------------------------|-------------------------|-----------------|
| 30310C  | COUNTY JAIL            | 127                        | 4.1                     | 0.6             |
| 30311R  | WHITNEY PIER FIRE STN. | 360                        | 9.9                     | 1.4             |

MONTH: SEPTEMBER 1974

CITY: SYDNEY

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

| DAY | STATION 30405C    |     |      | STATION 30406R    |     |      |
|-----|-------------------|-----|------|-------------------|-----|------|
|     | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1   | 12                | 0.3 | 0.1  |                   |     |      |
| 2   | 12                | 0.5 | 0.2  |                   |     |      |
| 3   | 12                | 0.5 | 0.1  |                   |     |      |
| 4   | 12                | 0.6 | 0.1  |                   |     |      |
| 5   | 12                | 0.6 | 0.2  |                   |     |      |
| 6   | 12                | 2.2 | 0.5  |                   |     |      |
| 7   | 12                | 1.8 | 0.5  |                   |     |      |
| 8   | 12                | 0.9 | 0.3  |                   |     |      |
| 9   | 12                | 0.7 | 0.2  |                   |     |      |
| 10  | 12                | 0.9 | 0.5  |                   |     |      |
| 11  | 12                | 1.2 | 0.4  |                   |     |      |
| 12  | 12                | 0.4 | 0.2  |                   |     |      |
| 13  | 12                | 0.7 | 0.3  |                   |     |      |
| 14  | 12                | 1.0 | 0.4  |                   |     |      |
| 15  | 12                | 0.8 | 0.3  |                   |     |      |
| 16  | 12                | 1.3 | 0.5  |                   |     |      |
| 17  | 12                | 0.5 | 0.2  |                   |     |      |
| 18  | 12                | 0.6 | 0.2  |                   |     |      |
| 19  | 12                | 1.1 | 0.4  |                   |     |      |
| 20  | 12                | 0.9 | 0.3  |                   |     |      |
| 21  | 12                | 0.5 | 0.2  |                   |     |      |
| 22  | 12                | 0.7 | 0.2  |                   |     |      |
| 23  | 12                | 1.2 | 0.3  |                   |     |      |
| 24  | 12                | 0.6 | 0.2  |                   |     |      |
| 25  | 12                | 1.3 | 0.4  |                   |     |      |
| 26  | 12                | 0.3 | 0.1  |                   |     |      |
| 27  | 12                | 0.5 | 0.2  |                   |     |      |
| 28  | 12                | 0.6 | 0.2  |                   |     |      |
| 29  | 12                | 0.3 | 0.1  |                   |     |      |
| 30  | 12                | 0.5 | 0.2  |                   |     |      |

NO DATA

AVAILABLE

| STATION | LOCATION             | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|----------------------|----------------------------|-------------------------|-----------------|
| 30405C  | GENERAL HOSPITAL     | 360                        | 2.2                     | 0.3             |
| 30406R  | PUMPING STATION ROAD |                            |                         |                 |

MONTH: SEPTEMBER 1974

CITY: GLACE BAY

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

| STATION 50101R |                   |     |      | STATION 50102R    |     |      | STATION 50103R    |     |      |
|----------------|-------------------|-----|------|-------------------|-----|------|-------------------|-----|------|
| DAY            | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1              | 12                | 0.8 | 0.5  | 12                | 0.7 | 0.4  | 12                | 0.1 | 0.0  |
| 2              | 12                | 0.8 | 0.5  | 12                | 0.7 | 0.5  | 12                | 0.1 | 0.0  |
| 3              | 12                | 0.6 | 0.4  | 12                | 0.6 | 0.5  | 12                | 0.2 | 0.0  |
| 4              | 12                | 0.6 | 0.4  | 12                | 1.0 | 0.7  | 12                | 0.2 | 0.1  |
| 5              | 12                | 0.8 | 0.5  | 12                | 2.5 | 1.4  | 12                | 0.4 | 0.2  |
| 6              | 12                | 1.1 | 0.7  | 12                | 2.7 | 1.3  | 12                | 0.3 | 0.2  |
| 7              | 12                | 1.0 | 0.6  | 12                | 1.7 | 1.2  | 12                | 0.3 | 0.2  |
| 8              | 12                | 0.8 | 0.6  | 12                | 2.0 | 1.0  | 12                | 0.3 | 0.1  |
| 9              | 12                | 0.9 | 0.6  | 12                | 1.0 | 0.7  | 12                | 0.4 | 0.2  |
| 10             | 12                | 0.9 | 0.5  | 12                | 0.7 | 0.5  | 12                | 0.1 | 0.0  |
| 11             | 12                | 1.3 | 0.8  | 12                | 1.5 | 0.7  |                   |     |      |
| 12             | 12                | 1.0 | 0.7  | 12                | 1.6 | 0.8  | 12                | 0.2 | 0.1  |
| 13             | 12                | 1.1 | 0.7  | 12                | 1.3 | 0.8  |                   |     |      |
| 14             | 12                | 0.9 | 0.6  | 12                | 0.6 | 0.5  |                   |     |      |
| 15             | 12                | 0.6 | 0.4  | 12                | 0.7 | 0.5  |                   |     |      |
| 16             | 12                | 0.7 | 0.5  | 12                | 0.7 | 0.5  |                   |     |      |
| 17             | 12                | 0.6 | 0.4  | 12                | 1.0 | 0.6  | 12                | 0.5 | 0.2  |
| 18             | 12                | 0.6 | 0.4  | 12                | 0.9 | 0.6  | 12                | 0.4 | 0.1  |
| 19             | 12                | 0.9 | 0.7  | 12                | 2.3 | 1.2  | 12                | 0.7 | 0.2  |
| 20             | 12                | 0.8 | 0.6  | 12                | 1.5 | 0.9  | 12                | 0.6 | 0.2  |
| 21             | 12                | 0.7 | 0.5  | 12                | 2.8 | 1.7  | 12                | 0.1 | 0.0  |
| 22             | 12                | 0.7 | 0.4  | 12                | 1.0 | 0.7  | 12                | 0.0 | 0.0  |
| 23             | 12                | 0.8 | 0.5  | 12                | 1.9 | 1.0  | 12                | 0.3 | 0.1  |
| 24             | 12                | 1.7 | 0.9  | 12                | 2.7 | 1.9  | 12                | 0.6 | 0.2  |
| 25             | 12                | 0.8 | 0.6  | 12                | 1.0 | 0.7  | 12                | 0.2 | 0.1  |
| 26             | 12                | 1.1 | 0.8  | 12                | 1.1 | 0.7  | 12                | 0.4 | 0.1  |
| 27             |                   |     |      | 12                | 1.9 | 1.2  | 12                | 0.6 | 0.3  |
| 28             | 12                | 1.3 | 0.8  | 12                | 1.3 | 0.8  | 12                | 0.2 | 0.1  |
| 29             | 12                | 0.6 | 0.3  | 12                | 0.9 | 0.7  | 12                | 0.0 | 0.0  |
| 30             | 12                | 0.6 | 0.4  | 12                | 0.5 | 0.3  | 12                | 0.2 | 0.0  |

| STATION | LOCATION            | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|---------------------|----------------------------|-------------------------|-----------------|
| 50101R  | JARRY PARK          | 348                        | 1.7                     | 0.6             |
| 50102R  | BOTANICAL GARDENS   | 360                        | 2.8                     | 0.8             |
| 50103R  | POINTE AUX TREMBLES | 300                        | 0.7                     | 0.1             |

MONTH: SEPTEMBER 1974

CITY: MONTREAL

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

| DAY | STATION 50104C    |     |      | STATION 50105C    |     |      | STATION 50106R    |     |      |
|-----|-------------------|-----|------|-------------------|-----|------|-------------------|-----|------|
|     | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1   | 12                | 0.7 | 0.4  | 12                | 0.7 | 0.4  |                   |     |      |
| 2   |                   |     |      | 12                | 0.5 | 0.4  |                   |     |      |
| 3   | 8                 | 0.9 | 0.5  | 12                | 1.2 | 0.5  |                   |     |      |
| 4   | 12                | 1.0 | 0.6  | 12                | 0.9 | 0.4  |                   |     |      |
| 5   | 12                | 2.2 | 1.0  | 12                | 1.8 | 1.0  |                   |     |      |
| 6   | 12                | 1.9 | 1.1  | 12                | 1.6 | 0.9  |                   |     |      |
| 7   | 12                | 1.7 | 0.8  | 12                | 1.0 | 0.6  |                   |     |      |
| 8   | 12                | 1.4 | 0.7  | 12                | 1.5 | 0.6  |                   |     |      |
| 9   | 12                | 1.0 | 0.6  | 12                | 0.6 | 0.4  |                   |     |      |
| 10  | 12                | 0.7 | 0.4  | 12                | 0.8 | 0.4  |                   |     |      |
| 11  | 12                | 1.0 | 0.6  | 12                | 0.8 | 0.5  |                   |     |      |
| 12  | 12                | 1.2 | 0.7  | 12                | 1.7 | 0.7  |                   |     |      |
| 13  | 12                | 1.0 | 0.5  | 11                | 1.2 | 0.5  |                   |     |      |
| 14  | 12                | 0.6 | 0.3  | 12                | 0.6 | 0.3  |                   |     |      |
| 15  | 12                | 0.4 | 0.3  | 12                | 0.8 | 0.4  |                   |     |      |
| 16  | 12                | 0.5 | 0.3  | 12                | 0.6 | 0.3  |                   |     |      |
| 17  | 12                | 0.6 | 0.3  | 12                | 0.8 | 0.4  |                   |     |      |
| 18  | 12                | 0.9 | 0.4  | 12                | 0.8 | 0.6  |                   |     |      |
| 19  | 12                | 1.4 | 0.6  | 12                | 1.8 | 0.7  |                   |     |      |
| 20  | 12                | 0.9 | 0.5  | 12                | 1.0 | 0.5  |                   |     |      |
| 21  | 12                | 0.8 | 0.4  | 12                | 0.8 | 0.5  |                   |     |      |
| 22  | 12                | 0.5 | 0.3  | 12                | 0.5 | 0.3  |                   |     |      |
| 23  | 12                | 0.8 | 0.4  | 12                | 1.0 | 0.5  |                   |     |      |
| 24  | 12                | 1.5 | 0.7  | 12                | 1.9 | 0.7  |                   |     |      |
| 25  | 12                | 0.6 | 0.4  | 12                | 0.6 | 0.3  |                   |     |      |
| 26  | 12                | 0.5 | 0.3  | 12                | 0.9 | 0.4  |                   |     |      |
| 27  | 12                | 1.1 | 0.5  | 12                | 1.1 | 0.7  |                   |     |      |
| 28  | 12                | 0.8 | 0.4  | 12                | 0.8 | 0.4  |                   |     |      |
| 29  | 12                | 0.4 | 0.2  | 12                | 0.4 | 0.3  |                   |     |      |
| 30  | 12                | 0.6 | 0.3  | 12                | 0.5 | 0.4  |                   |     |      |

NO DATA  
AVAILABLE

| STATION | LOCATION           | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------|----------------------------|-------------------------|-----------------|
| 50104C  | 1125 ONTARIO, EAST | 344                        | 2.2                     | 0.5             |
| 50105C  | 1212 DRUMMOND      | 359                        | 1.9                     | 0.5             |
| 50106R  | VILLE ST. LAURENT  |                            |                         |                 |

MONTH: SEPTEMBER 1974

CITY: MONTREAL

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

| DAY | STATION 50107R    |     |      | STATION 50109C    |     |      |
|-----|-------------------|-----|------|-------------------|-----|------|
|     | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1   | 12                | 0.3 | 0.1  | 12                | 0.1 | 0.0  |
| 2   | 12                | 1.4 | 0.2  | 12                | 0.1 | 0.0  |
| 3   | 12                | 2.4 | 0.8  | 12                | 0.2 | 0.1  |
| 4   | 12                | 1.5 | 0.7  | 12                | 0.3 | 0.2  |
| 5   | 12                | 0.6 | 0.2  | 12                | 1.9 | 0.6  |
| 6   | 12                | 0.4 | 0.1  | 12                | 0.3 | 0.2  |
| 7   | 12                | 0.6 | 0.3  | 12                | 0.3 | 0.2  |
| 8   | 12                | 0.7 | 0.3  | 12                | 0.3 | 0.1  |
| 9   | 12                | 0.8 | 0.5  | 12                | 0.3 | 0.2  |
| 10  | 12                | 0.6 | 0.2  | 12                | 0.1 | 0.1  |
| 11  | 12                | 0.7 | 0.2  | 12                | 0.4 | 0.2  |
| 12  | 12                | 1.5 | 0.6  | 12                | 0.7 | 0.3  |
| 13  | 12                | 0.6 | 0.3  | 12                | 0.3 | 0.2  |
| 14  | 12                | 1.0 | 0.1  | 12                | 0.2 | 0.1  |
| 15  | 12                | 1.0 | 0.1  | 12                | 0.1 | 0.1  |
| 16  | 12                | 0.6 | 0.2  | 12                | 0.4 | 0.2  |
| 17  | 12                | 2.1 | 0.8  | 12                | 0.5 | 0.2  |
| 18  | 12                | 3.0 | 0.8  | 12                | 0.3 | 0.1  |
| 19  | 12                | 1.0 | 0.2  | 12                | 0.4 | 0.2  |
| 20  | 12                | 2.4 | 0.5  | 12                | 0.5 | 0.3  |
| 21  | 12                | 1.8 | 0.6  | 12                | 0.2 | 0.1  |
| 22  | 12                | 1.1 | 0.2  | 12                | 0.1 | 0.0  |
| 23  | 12                | 1.5 | 0.8  | 12                | 0.3 | 0.2  |
| 24  | 12                | 1.4 | 0.4  | 12                | 1.6 | 0.6  |
| 25  |                   |     |      | 12                | 0.2 | 0.2  |
| 26  | 12                | 0.4 | 0.2  | 12                | 0.5 | 0.3  |
| 27  | 12                | 0.9 | 0.3  | 12                | 1.8 | 0.7  |
| 28  | 12                | 0.3 | 0.1  | 12                | 0.6 | 0.2  |
| 29  | 12                | 0.2 | 0.0  | 12                | 0.2 | 0.1  |
| 30  | 12                | 0.4 | 0.1  | 12                | 0.2 | 0.1  |

| STATION | LOCATION           | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------|----------------------------|-------------------------|-----------------|
| 50107R  | VILLE LASALLE      | 348                        | 3.0                     | 0.3             |
| 50109C  | DUNCAN AND DECARIE | 360                        | 1.9                     | 0.2             |

MONTH: SEPTEMBER 1974

CITY: MONTREAL

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

STATION 50201C

| DAY | NO. OF<br>SAMPLES MAX MEAN |     |     |
|-----|----------------------------|-----|-----|
|     |                            |     |     |
| 1   | 12                         | 0.2 | 0.1 |
| 2   | 12                         | 0.2 | 0.1 |
| 3   | 12                         | 0.5 | 0.2 |
| 4   | 11                         | 0.8 | 0.3 |
| 5   | 12                         | 0.4 | 0.3 |
| 6   | 12                         | 0.7 | 0.3 |
| 7   | 12                         | 0.4 | 0.2 |
| 8   | 12                         | 0.5 | 0.2 |
| 9   | 12                         | 0.5 | 0.3 |
| 10  | 12                         | 0.3 | 0.2 |
| 11  | 12                         | 0.9 | 0.4 |
| 12  | 9                          | 0.5 | 0.2 |
| 13  | 9                          | 0.4 | 0.2 |
| 14  | 12                         | 0.1 | 0.1 |
| 15  | 12                         | 0.2 | 0.1 |
| 16  | 12                         | 0.3 | 0.1 |
| 17  | 12                         | 0.4 | 0.1 |
| 18  | 12                         | 0.5 | 0.2 |
| 19  | 12                         | 0.8 | 0.4 |
| 20  | 12                         | 0.6 | 0.3 |
| 21  | 12                         | 0.2 | 0.1 |
| 22  | 12                         | 0.1 | 0.1 |
| 23  | 12                         | 1.2 | 0.3 |
| 24  | 12                         | 0.8 | 0.3 |
| 25  | 12                         | 0.6 | 0.3 |
| 26  | 12                         | 0.4 | 0.2 |
| 27  | 12                         | 0.9 | 0.5 |
| 28  | 12                         | 0.6 | 0.4 |
| 29  | 12                         | 0.1 | 0.1 |
| 30  | 12                         | 0.1 | 0.1 |

| STATION | LOCATION       | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|----------------|----------------------------|-------------------------|-----------------|
| 50201C  | RUE PRINCIPALE | 353                        | 1.2                     | 0.2             |

MONTH: SEPTEMBER 1974

CITY: HULL

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

STATION 50304C

DAY NO. OF  
SAMPLES MAX MEAN

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30

NO DATA

AVAILABLE

| STATION | LOCATION             | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|----------------------|----------------------------|-------------------------|-----------------|
| 50304C  | 155 DORCHESTER SOUTH |                            |                         |                 |

MONTH: SEPTEMBER 1974

CITY: QUEBEC

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

| STATION 60101C |                   |     |      | STATION 60102R    |     |      | STATION 60103C    |     |      |
|----------------|-------------------|-----|------|-------------------|-----|------|-------------------|-----|------|
| DAY            | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1              | 12                | 0.3 | 0.1  | 12                | 0.3 | 0.1  |                   |     |      |
| 2              | 12                | 0.4 | 0.1  | 12                | 0.7 | 0.3  |                   |     |      |
| 3              | 11                | 0.9 | 0.3  | 12                | 0.3 | 0.2  |                   |     |      |
| 4              | 11                | 0.7 | 0.3  | 12                | 0.6 | 0.2  |                   |     |      |
| 5              | 12                | 1.3 | 0.4  | 12                | 0.5 | 0.2  |                   |     |      |
| 6              | 8                 | 0.6 | 0.4  | 12                | 0.6 | 0.3  |                   |     |      |
| 7              | 12                | 0.6 | 0.2  | 12                | 0.6 | 0.3  |                   |     |      |
| 8              | 12                | 0.9 | 0.5  | 12                | 0.4 | 0.2  |                   |     |      |
| 9              | 12                | 0.6 | 0.2  | 12                | 0.3 | 0.1  |                   |     |      |
| 10             | 12                | 1.3 | 0.5  | 12                | 0.5 | 0.2  |                   |     |      |
| 11             | 11                | 0.7 | 0.5  | 12                | 0.4 | 0.1  |                   |     |      |
| 12             | 10                | 0.8 | 0.3  | 12                | 0.3 | 0.1  |                   |     |      |
| 13             | 9                 | 0.3 | 0.1  | 12                | 0.6 | 0.2  |                   |     |      |
| 14             | 7                 | 0.6 | 0.2  | 12                | 0.5 | 0.3  |                   |     |      |
| 15             | 11                | 0.7 | 0.3  | 12                | 0.5 | 0.2  |                   |     |      |
| 16             | 12                | 0.9 | 0.4  | 12                | 0.5 | 0.2  |                   |     |      |
| 17             | 12                | 1.2 | 0.6  | 12                | 0.2 | 0.1  |                   |     |      |
| 18             | 12                | 0.5 | 0.2  | 12                | 0.4 | 0.2  |                   |     |      |
| 19             | 12                | 0.5 | 0.2  | 12                | 0.8 | 0.3  |                   |     |      |
| 20             | 12                | 0.5 | 0.2  | 12                | 0.4 | 0.2  |                   |     |      |
| 21             | 12                | 0.9 | 0.4  | 12                | 0.4 | 0.1  |                   |     |      |
| 22             | 12                | 0.7 | 0.4  | 12                | 0.8 | 0.3  |                   |     |      |
| 23             | 12                | 0.7 | 0.4  | 8                 | 0.3 | 0.1  | 5                 | 0.1 | 0.1  |
| 24             | 12                | 1.2 | 0.5  |                   |     |      | 12                | 0.5 | 0.2  |
| 25             | 12                | 1.3 | 0.6  |                   |     |      | 12                | 0.5 | 0.2  |
| 26             | 12                | 0.5 | 0.2  |                   |     |      | 12                | 0.6 | 0.2  |
| 27             | 12                | 0.5 | 0.2  |                   |     |      | 12                | 0.8 | 0.4  |
| 28             | 12                | 0.5 | 0.3  |                   |     |      | 12                | 0.6 | 0.3  |
| 29             | 12                | 0.5 | 0.3  |                   |     |      | 12                | 0.4 | 0.0  |
| 30             | 12                | 0.7 | 0.3  |                   |     |      | 12                | 0.7 | 0.1  |

| STATION | LOCATION          | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|-------------------|----------------------------|-------------------------|-----------------|
| 60101C  | SLATER AND ELGIN  | 342                        | 1.3                     | 0.3             |
| 60102R  | EXPERIMENTAL FARM | 272                        | 0.8                     | 0.2             |
| 60103C  | GILMOUR STREET    | 89                         | 0.8                     | 0.2             |

MONTH: SEPTEMBER 1974

CITY: OTTAWA

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

| DAY | STATION 602011    |     |      | STATION 60204C    |     |      |
|-----|-------------------|-----|------|-------------------|-----|------|
|     | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1   | 23                | 0.5 | 0.2  | 24                | 0.6 | 0.1  |
| 2   | 23                | 0.2 | 0.0  | 24                | 0.3 | 0.1  |
| 3   | 23                | 0.8 | 0.3  | 23                | 0.3 | 0.1  |
| 4   | 23                | 0.6 | 0.3  | 22                | 0.9 | 0.4  |
| 5   | 22                | 1.2 | 0.4  | 24                | 2.0 | 0.6  |
| 6   | 23                | 0.8 | 0.4  | 22                | 0.7 | 0.4  |
| 7   | 24                | 0.5 | 0.4  | 24                | 0.8 | 0.5  |
| 8   | 24                | 0.4 | 0.3  | 24                | 1.0 | 0.6  |
| 9   | 24                | 0.6 | 0.4  | 24                | 1.3 | 0.6  |
| 10  | 24                | 0.8 | 0.4  | 23                | 1.0 | 0.5  |
| 11  | 24                | 0.6 | 0.3  | 24                | 0.6 | 0.3  |
| 12  | 19                | 0.4 | 0.2  | 20                | 1.2 | 0.4  |
| 13  | 21                | 0.6 | 0.3  | 21                | 0.7 | 0.2  |
| 14  | 24                | 1.0 | 0.4  | 24                | 0.9 | 0.3  |
| 15  | 23                | 0.4 | 0.2  | 24                | 1.2 | 0.3  |
| 16  | 24                | 0.5 | 0.2  | 24                | 0.7 | 0.3  |
| 17  | 24                | 0.6 | 0.3  | 24                | 1.9 | 0.5  |
| 18  | 24                | 0.4 | 0.2  | 24                | 1.0 | 0.3  |
| 19  | 20                | 1.1 | 0.4  | 19                | 1.4 | 0.7  |
| 20  | 24                | 1.2 | 0.4  | 24                | 0.4 | 0.2  |
| 21  | 23                | 1.1 | 0.6  | 24                | 0.6 | 0.2  |
| 22  | 12                | 1.1 | 0.7  | 22                | 0.3 | 0.1  |
| 23  | 15                | 1.3 | 0.5  | 18                | 2.0 | 0.7  |
| 24  | 19                | 0.9 | 0.4  | 18                | 0.5 | 0.3  |
| 25  | 22                | 0.6 | 0.4  | 18                | 0.8 | 0.4  |
| 26  | 22                | 0.7 | 0.4  | 24                | 1.2 | 0.6  |
| 27  | 23                | 0.5 | 0.3  | 24                | 0.9 | 0.4  |
| 28  | 22                | 0.4 | 0.3  | 23                | 0.5 | 0.2  |
| 29  | 22                | 0.6 | 0.2  | 24                | 0.4 | 0.1  |
| 30  | 23                | 0.5 | 0.3  | 24                | 1.2 | 0.4  |

| STATION | LOCATION              | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|-----------------------|----------------------------|-------------------------|-----------------|
| 602011  | MORTON TERMINAL DOCK  | 663                        | 1.3                     | 0.3             |
| 60204C  | 471 UNIVERSITY AVENUE | 681                        | 2.0                     | 0.4             |

MONTH: SEPTEMBER 1974

CITY: WINDSOR

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

| DAY | STATION 60401C    |     |      | STATION 60402R    |     |      | STATION 60403I    |     |      |
|-----|-------------------|-----|------|-------------------|-----|------|-------------------|-----|------|
|     | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1   | 21                | 0.7 | 0.3  | 23                | 0.6 | 0.2  | 23                | 0.5 | 0.2  |
| 2   | 24                | 0.4 | 0.2  | 23                | 0.2 | 0.1  | 23                | 0.4 | 0.2  |
| 3   | 24                | 0.5 | 0.2  | 24                | 0.6 | 0.2  | 24                | 0.9 | 0.4  |
| 4   | 23                | 0.7 | 0.3  | 22                | 0.8 | 0.3  | 23                | 1.6 | 0.5  |
| 5   | 24                | 2.1 | 0.6  | 22                | 1.6 | 0.5  | 23                | 1.5 | 0.6  |
| 6   | 24                | 1.0 | 0.5  | 23                | 1.1 | 0.4  | 20                | 1.9 | 0.8  |
| 7   | 24                | 0.6 | 0.3  | 24                | 0.9 | 0.4  | 24                | 1.0 | 0.5  |
| 8   | 24                | 0.7 | 0.5  | 24                | 0.8 | 0.6  | 24                | 1.1 | 0.6  |
| 9   | 24                | 1.1 | 0.7  | 24                | 1.1 | 0.7  | 24                | 1.8 | 0.8  |
| 10  | 24                | 1.4 | 0.8  | 24                | 1.5 | 0.8  | 24                | 2.0 | 1.0  |
| 11  | 24                | 0.8 | 0.5  | 24                | 1.2 | 0.6  | 24                | 1.3 | 0.7  |
| 12  | 20                | 1.9 | 0.7  | 20                | 1.6 | 0.7  | 20                | 1.0 | 0.6  |
| 13  |                   |     |      | 21                | 0.9 | 0.2  | 21                | 0.8 | 0.4  |
| 14  | 24                | 0.5 | 0.1  | 24                | 0.4 | 0.1  | 24                | 0.5 | 0.2  |
| 15  | 23                | 0.4 | 0.2  | 24                | 0.6 | 0.2  | 24                | 0.4 | 0.2  |
| 16  | 24                | 0.5 | 0.2  | 24                | 0.8 | 0.2  | 24                | 0.8 | 0.3  |
| 17  | 23                | 1.2 | 0.5  | 24                | 1.7 | 0.6  | 24                | 2.2 | 0.8  |
| 18  | 24                | 1.3 | 0.3  | 24                | 0.8 | 0.2  | 24                | 1.2 | 0.4  |
| 19  | 18                | 2.3 | 1.0  | 19                | 2.2 | 0.9  | 19                | 3.3 | 1.4  |
| 20  | 23                | 1.0 | 0.3  | 23                | 0.8 | 0.2  | 24                | 1.0 | 0.4  |
| 21  | 24                | 0.6 | 0.3  | 24                | 0.9 | 0.3  | 24                | 0.9 | 0.3  |
| 22  | 23                | 0.4 | 0.2  | 13                | 0.2 | 0.0  | 21                | 0.6 | 0.1  |
| 23  | 18                | 1.0 | 0.6  | 8                 | 1.4 | 0.5  | 14                | 0.9 | 0.3  |
| 24  | 18                | 2.1 | 0.6  | 18                | 2.2 | 0.6  | 19                | 3.1 | 0.8  |
| 25  | 16                | 1.0 | 0.3  | 20                | 1.0 | 0.3  | 22                | 0.9 | 0.5  |
| 26  | 23                | 2.2 | 0.8  | 23                | 1.5 | 0.6  | 23                | 2.1 | 0.8  |
| 27  | 24                | 2.7 | 0.8  | 23                | 1.5 | 0.7  | 23                | 1.4 | 0.8  |
| 28  | 24                | 1.6 | 0.7  | 22                | 0.7 | 0.5  | 22                | 0.9 | 0.6  |
| 29  | 24                | 0.6 | 0.3  | 22                | 0.5 | 0.2  | 2                 | 0.4 | 0.4  |
| 30  | 24                | 0.6 | 0.2  | 23                | 0.5 | 0.1  | 16                | 0.9 | 0.4  |

| STATION | LOCATION                | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|-------------------------|----------------------------|-------------------------|-----------------|
| 60401C  | 67 COLLEGE STREET       | 657                        | 2.7                     | 0.4             |
| 60402R  | DON MILLS, SCIENCE CNTR | 656                        | 2.2                     | 0.4             |
| 60403I  | EVANS AND ARNOLD        | 646                        | 3.3                     | 0.5             |

MONTH: SEPTEMBER 1974

CITY: TORONTO

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

| DAY | STATION 60410R    |     |      | STATION 60411R    |     |      |
|-----|-------------------|-----|------|-------------------|-----|------|
|     | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1   | 12                | 0.2 | 0.1  | 12                | 0.7 | 0.2  |
| 2   | 12                | 0.2 | 0.1  | 12                | 0.9 | 0.3  |
| 3   | 9                 | 0.3 | 0.1  | 12                | 1.5 | 0.8  |
| 4   | 12                | 0.6 | 0.1  | 12                | 1.4 | 0.9  |
| 5   | 12                | 0.3 | 0.1  | 12                | 1.7 | 0.7  |
| 6   | 12                | 0.3 | 0.2  | 12                | 2.1 | 0.7  |
| 7   | 12                | 0.3 | 0.1  | 12                | 1.2 | 0.4  |
| 8   | 12                | 0.3 | 0.2  | 12                | 0.7 | 0.4  |
| 9   | 12                | 0.4 | 0.1  | 11                | 1.1 | 0.5  |
| 10  | 12                | 0.5 | 0.1  | 12                | 1.0 | 0.5  |
| 11  | 12                | 0.3 | 0.1  | 12                | 0.7 | 0.2  |
| 12  | 12                | 0.4 | 0.1  | 12                | 1.1 | 0.4  |
| 13  | 12                | 0.2 | 0.1  | 12                | 0.7 | 0.4  |
| 14  | 12                | 0.2 | 0.0  | 12                | 0.5 | 0.2  |
| 15  | 12                | 0.4 | 0.2  | 12                | 0.5 | 0.2  |
| 16  | 12                | 0.4 | 0.1  | 11                | 1.1 | 0.5  |
| 17  | 12                | 0.4 | 0.1  | 12                | 1.3 | 0.7  |
| 18  | 10                | 0.5 | 0.2  | 12                | 1.1 | 0.4  |
| 19  | 12                | 0.4 | 0.1  | 12                | 2.2 | 0.7  |
| 20  | 12                | 0.3 | 0.1  | 12                | 1.7 | 0.8  |
| 21  | 12                | 0.2 | 0.0  | 12                | 0.9 | 0.3  |
| 22  | 12                | 0.3 | 0.1  | 12                | 0.4 | 0.2  |
| 23  | 12                | 0.4 | 0.1  | 12                | 1.4 | 0.6  |
| 24  | 12                | 0.3 | 0.1  | 12                | 2.3 | 0.8  |
| 25  | 12                | 0.4 | 0.1  | 12                | 1.1 | 0.5  |
| 26  | 12                | 0.4 | 0.1  | 12                | 1.1 | 0.5  |
| 27  | 12                | 0.5 | 0.2  | 11                | 0.9 | 0.4  |
| 28  | 12                | 0.5 | 0.2  | 12                | 0.8 | 0.4  |
| 29  | 12                | 0.2 | 0.1  | 12                | 0.5 | 0.2  |
| 30  | 12                | 0.2 | 0.1  | 12                | 1.8 | 0.8  |

| STATION | LOCATION             | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|----------------------|----------------------------|-------------------------|-----------------|
| 60410R  | LAWRENCE AND KENNEDY | 355                        | 0.6                     | 0.1             |
| 60411R  | PHARMACY AND HWY 401 | 357                        | 2.3                     | 0.5             |

MONTH: SEPTEMBER 1974

CITY: TORONTO

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

| DAY | STATION 60501C    |     |      | STATION 60505R    |     |      |
|-----|-------------------|-----|------|-------------------|-----|------|
|     | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1   | 24                | 0.6 | 0.2  | 12                | 0.3 | 0.1  |
| 2   | 23                | 0.4 | 0.1  | 12                | 0.3 | 0.1  |
| 3   | 24                | 0.7 | 0.4  | 10                | 0.5 | 0.2  |
| 4   | 23                | 0.7 | 0.3  | 12                | 0.9 | 0.4  |
| 5   | 24                | 1.4 | 0.7  | 12                | 1.2 | 0.4  |
| 6   | 24                | 1.4 | 0.9  | 12                | 0.7 | 0.3  |
| 7   | 24                | 0.9 | 0.7  | 12                | 0.5 | 0.2  |
| 8   | 21                | 0.9 | 0.4  | 12                | 0.9 | 0.5  |
| 9   | 24                | 1.0 | 0.5  | 12                | 1.5 | 1.0  |
| 10  | 24                | 0.8 | 0.5  | 12                | 1.4 | 0.8  |
| 11  | 24                | 0.6 | 0.4  | 12                | 1.1 | 0.8  |
| 12  | 19                | 0.6 | 0.3  | 12                | 1.3 | 0.9  |
| 13  | 21                | 0.5 | 0.2  | 12                | 1.3 | 0.5  |
| 14  | 20                | 0.5 | 0.2  | 12                | 0.9 | 0.3  |
| 15  | 23                | 0.3 | 0.2  | 12                | 1.1 | 0.4  |
| 16  | 24                | 0.5 | 0.3  | 11                | 0.8 | 0.4  |
| 17  | 22                | 0.9 | 0.5  | 12                | 1.1 | 0.5  |
| 18  | 24                | 1.1 | 0.7  | 12                | 0.7 | 0.2  |
| 19  | 16                | 2.5 | 1.1  | 12                | 0.9 | 0.5  |
| 20  | 23                | 2.3 | 0.4  | 12                | 1.1 | 0.4  |
| 21  | 24                | 0.6 | 0.4  | 12                | 0.7 | 0.2  |
| 22  | 21                | 0.4 | 0.2  | 12                | 0.6 | 0.1  |
| 23  | 18                | 1.5 | 0.6  | 11                | 0.9 | 0.4  |
| 24  | 18                | 3.3 | 0.7  | 12                | 1.1 | 0.6  |
| 25  | 17                | 1.3 | 0.5  | 12                | 0.9 | 0.4  |
| 26  | 23                | 1.4 | 0.6  | 12                | 0.9 | 0.4  |
| 27  | 23                | 1.5 | 0.7  | 12                | 1.3 | 0.5  |
| 28  | 23                | 1.1 | 0.5  | 12                | 0.3 | 0.2  |
| 29  | 22                | 0.3 | 0.1  | 12                | 0.7 | 0.2  |
| 30  | 24                | 1.3 | 0.5  | 12                | 0.5 | 0.2  |

| STATION | LOCATION           | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------|----------------------------|-------------------------|-----------------|
| 60501C  | BARTON AND SANFORD | 664                        | 3.3                     | 0.5             |
| 60505R  | NORTH PARK         | 356                        | 1.5                     | 0.4             |

MONTH: SEPTEMBER 1974

CITY: HAMILTON

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

STATION 60602R

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   | 24                | 0.0 | 0.0  |
| 2   | 24                | 0.5 | 0.0  |
| 3   | 24                | 0.1 | 0.0  |
| 4   | 23                | 0.2 | 0.0  |
| 5   | 24                | 0.3 | 0.0  |
| 6   | 24                | 1.4 | 0.1  |
| 7   | 24                | 0.1 | 0.0  |
| 8   | 24                | 0.2 | 0.0  |
| 9   | 24                | 0.2 | 0.0  |
| 10  | 24                | 0.0 | 0.0  |
| 11  | 24                | 0.7 | 0.0  |
| 12  | 20                | 0.0 | 0.0  |
| 13  | 21                | 0.0 | 0.0  |
| 14  | 24                | 0.0 | 0.0  |
| 15  | 24                | 0.0 | 0.0  |
| 16  | 24                | 0.0 | 0.0  |
| 17  | 24                | 0.0 | 0.0  |
| 18  | 24                | 0.4 | 0.0  |
| 19  | 20                | 0.0 | 0.0  |
| 20  | 24                | 1.1 | 0.1  |
| 21  | 24                | 0.2 | 0.1  |
| 22  | 21                | 0.4 | 0.1  |
| 23  | 18                | 0.3 | 0.0  |
| 24  | 18                | 0.2 | 0.0  |
| 25  | 17                | 0.2 | 0.0  |
| 26  | 24                | 0.3 | 0.0  |
| 27  | 23                | 0.5 | 0.1  |
| 28  | 23                | 0.4 | 0.1  |
| 29  | 24                | 0.2 | 0.0  |
| 30  | 24                | 0.4 | 0.1  |

| STATION | LOCATION   | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|------------|----------------------------|-------------------------|-----------------|
| 60602R  | ASH STREET | 684                        | 1.4                     | 0.0             |

MONTH: SEPTEMBER 1974

CITY: SUDBURY

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

STATION 60901C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   | 12                | 0.7 | 0.3  |
| 2   | 12                | 0.5 | 0.1  |
| 3   | 12                | 0.6 | 0.1  |
| 4   | 12                | 0.6 | 0.2  |
| 5   | 6                 | 0.7 | 0.4  |
| 6   | 4                 | 0.9 | 0.4  |
| 7   | 12                | 0.7 | 0.3  |
| 8   | 12                | 0.7 | 0.3  |
| 9   | 12                | 0.7 | 0.4  |
| 10  | 11                | 0.6 | 0.2  |
| 11  | 8                 | 0.6 | 0.4  |
| 12  | 6                 | 0.6 | 0.3  |
| 13  | 5                 | 0.7 | 0.4  |
| 14  | 6                 | 0.5 | 0.3  |
| 15  | 8                 | 0.6 | 0.3  |
| 16  | 10                | 0.7 | 0.2  |
| 17  | 10                | 0.7 | 0.4  |
| 18  | 9                 | 0.6 | 0.2  |
| 19  | 10                | 0.9 | 0.4  |
| 20  | 10                | 0.3 | 0.1  |
| 21  | 12                | 0.6 | 0.2  |
| 22  | 12                | 0.4 | 0.1  |
| 23  | 12                | 0.4 | 0.2  |
| 24  | 11                | 1.0 | 0.4  |
| 25  | 10                | 0.5 | 0.3  |
| 26  | 11                | 0.9 | 0.4  |
| 27  | 10                | 0.7 | 0.3  |
| 28  | 11                | 0.4 | 0.1  |
| 29  | 12                | 0.3 | 0.1  |
| 30  | 7                 | 0.6 | 0.3  |

| STATION | LOCATION         | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|------------------|----------------------------|-------------------------|-----------------|
| 60901C  | KING AND RECTORY | 295                        | 1.0                     | 0.3             |

MONTH: SEPTEMBER 1974

CITY: LONDON

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

## STATION 61001C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   | 23                | 0.7 | 0.1  |
| 2   | 23                | 0.2 | 0.0  |
| 3   | 24                | 0.4 | 0.1  |
| 4   | 22                | 1.1 | 0.2  |
| 5   | 23                | 2.0 | 0.3  |
| 6   | 23                | 0.5 | 0.2  |
| 7   | 24                | 0.5 | 0.2  |
| 8   | 24                | 0.9 | 0.5  |
| 9   | 24                | 0.8 | 0.6  |
| 10  | 24                | 1.6 | 0.5  |
| 11  | 24                | 0.4 | 0.2  |
| 12  | 20                | 0.3 | 0.0  |
| 13  | 21                | 0.7 | 0.2  |
| 14  | 24                | 0.4 | 0.1  |
| 15  | 24                | 1.0 | 0.2  |
| 16  | 24                | 0.3 | 0.1  |
| 17  | 24                | 1.0 | 0.3  |
| 18  | 24                | 0.4 | 0.1  |
| 19  | 18                | 1.2 | 0.4  |
| 20  | 24                | 0.4 | 0.1  |
| 21  | 24                | 0.3 | 0.1  |
| 22  | 21                | 0.2 | 0.0  |
| 23  | 19                | 0.8 | 0.2  |
| 24  | 19                | 0.5 | 0.3  |
| 25  | 22                | 1.1 | 0.4  |
| 26  | 22                | 1.1 | 0.6  |
| 27  | 23                | 1.1 | 0.5  |
| 28  | 22                | 1.0 | 0.3  |
| 29  | 22                | 0.4 | 0.1  |
| 30  | 23                | 0.7 | 0.2  |

| STATION | LOCATION            | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|---------------------|----------------------------|-------------------------|-----------------|
| 61001C  | 156 VICTORIA STREET | 678                        | 2.0                     | 0.2             |

MONTH: SEPTEMBER 1974

CITY: SARNIA

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

| DAY | STATION 70101C    |     |      | STATION 70102R       |     |      | STATION 70104I    |     |      |
|-----|-------------------|-----|------|----------------------|-----|------|-------------------|-----|------|
|     | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES    | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1   |                   |     |      |                      |     |      | 16                | 1.2 | 0.3  |
| 2   |                   |     |      |                      |     |      | 14                | 0.7 | 0.3  |
| 3   |                   |     |      |                      |     |      | 17                | 1.0 | 0.4  |
| 4   |                   |     |      |                      |     |      | 13                | 1.1 | 0.4  |
| 5   |                   |     |      |                      |     |      | 17                | 0.3 | 0.2  |
| 6   |                   |     |      |                      |     |      | 23                | 0.8 | 0.3  |
| 7   |                   |     |      |                      |     |      | 17                | 0.4 | 0.2  |
| 8   |                   |     |      |                      |     |      | 16                | 0.3 | 0.1  |
| 9   |                   |     |      |                      |     |      | 17                | 2.5 | 0.5  |
| 10  |                   |     |      |                      |     |      | 4                 | 1.2 | 0.6  |
| 11  |                   |     |      |                      |     |      |                   |     |      |
| 12  |                   |     |      |                      |     |      |                   |     |      |
| 13  |                   |     |      |                      |     |      | 8                 | 0.3 | 0.3  |
| 14  |                   |     |      | NO DATA<br>AVAILABLE |     |      | 16                | 0.7 | 0.2  |
| 15  |                   |     |      |                      |     |      | 16                | 0.4 | 0.2  |
| 16  |                   |     |      |                      |     |      | 18                | 0.4 | 0.2  |
| 17  |                   |     |      |                      |     |      | 13                | 0.4 | 0.3  |
| 18  |                   |     |      |                      |     |      | 19                | 0.4 | 0.3  |
| 19  |                   |     |      |                      |     |      | 17                | 0.4 | 0.3  |
| 20  |                   |     |      |                      |     |      | 16                | 0.5 | 0.3  |
| 21  |                   |     |      |                      |     |      | 20                | 0.4 | 0.2  |
| 22  |                   |     |      |                      |     |      | 18                | 0.3 | 0.2  |
| 23  |                   |     |      |                      |     |      | 21                | 0.4 | 0.3  |
| 24  |                   |     |      |                      |     |      | 18                | 0.5 | 0.3  |
| 25  |                   |     |      |                      |     |      | 10                | 0.4 | 0.2  |
| 26  |                   |     |      |                      |     |      |                   |     |      |
| 27  | 4                 | 0.8 | 0.5  |                      |     |      |                   |     |      |
| 28  | 12                | 0.5 | 0.3  |                      |     |      |                   |     |      |
| 29  | 4                 | 0.2 | 0.1  |                      |     |      |                   |     |      |
| 30  |                   |     |      |                      |     |      | 7                 | 0.3 | 0.1  |

| STATION | LOCATION            | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|---------------------|----------------------------|-------------------------|-----------------|
| 70101C  | 270 OSBORNE STREET  | 20                         | 0.8                     | 0.3             |
| 70102R  | PORTAGE AT WOODLAWN |                            |                         |                 |
| 70104I  | UNION STOCK YARDS   | 371                        | 2.5                     | 0.3             |

MONTH: SEPTEMBER 1974

CITY: WINNIPEG

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

## STATION 70201C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   |                   |     |      |
| 2   |                   |     |      |
| 3   | 6                 | 0.3 | 0.1  |
| 4   | 9                 | 0.4 | 0.2  |
| 5   | 10                | 0.3 | 0.2  |
| 6   | 7                 | 0.2 | 0.1  |
| 7   | 5                 | 0.1 | 0.1  |
| 8   | 9                 | 0.1 | 0.1  |
| 9   | 7                 | 0.3 | 0.2  |
| 10  | 11                | 0.2 | 0.1  |
| 11  | 6                 | 0.1 | 0.0  |
| 12  | 9                 | 0.1 | 0.1  |
| 13  | 7                 | 0.2 | 0.1  |
| 14  | 9                 | 0.2 | 0.1  |
| 15  | 7                 | 0.2 | 0.1  |
| 16  | 6                 | 0.3 | 0.2  |
| 17  | 6                 | 0.3 | 0.1  |
| 18  | 10                | 0.1 | 0.1  |
| 19  | 8                 | 0.3 | 0.1  |
| 20  | 10                | 0.2 | 0.0  |
| 21  | 10                | 0.1 | 0.1  |
| 22  | 12                | 0.2 | 0.1  |
| 23  | 9                 | 0.3 | 0.2  |
| 24  | 8                 | 0.2 | 0.1  |
| 25  | 8                 | 0.3 | 0.1  |
| 26  | 9                 | 0.3 | 0.1  |
| 27  | 6                 | 0.1 | 0.1  |
| 28  |                   |     |      |
| 29  |                   |     |      |
| 30  |                   |     |      |

| STATION | LOCATION                 | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------------|----------------------------|-------------------------|-----------------|
| 70201C  | 11TH ST. & PRINCESS AVE. | 204                        | 0.4                     | 0.1             |

MONTH: SEPTEMBER 1974

CITY: BRANDON

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

| DAY | STATION 80102R    |     |      | STATION 80108C    |     |      |
|-----|-------------------|-----|------|-------------------|-----|------|
|     | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1   |                   |     |      |                   |     |      |
| 2   |                   |     |      |                   |     |      |
| 3   |                   |     |      |                   |     |      |
| 4   |                   |     |      | 4                 | 0.3 | 0.2  |
| 5   | 6                 | 0.1 | 0.1  | 12                | 0.4 | 0.2  |
| 6   | 12                | 0.4 | 0.1  | 12                | 0.2 | 0.1  |
| 7   | 12                | 0.3 | 0.1  | 12                | 0.4 | 0.1  |
| 8   | 12                | 0.1 | 0.0  | 12                | 0.2 | 0.1  |
| 9   | 12                | 0.4 | 0.1  | 12                | 0.1 | 0.1  |
| 10  | 12                | 0.1 | 0.1  | 12                | 0.3 | 0.1  |
| 11  | 12                | 0.2 | 0.1  | 12                | 0.2 | 0.1  |
| 12  | 12                | 0.1 | 0.1  | 12                | 0.2 | 0.1  |
| 13  | 12                | 0.1 | 0.1  | 12                | 0.2 | 0.1  |
| 14  | 12                | 0.2 | 0.1  | 12                | 0.2 | 0.1  |
| 15  | 12                | 0.1 | 0.1  | 12                | 0.2 | 0.1  |
| 16  | 12                | 0.2 | 0.1  | 12                | 0.4 | 0.2  |
| 17  | 12                | 0.2 | 0.1  | 12                | 0.4 | 0.2  |
| 18  | 12                | 0.1 | 0.1  | 12                | 0.2 | 0.1  |
| 19  | 12                | 0.1 | 0.0  | 12                | 0.2 | 0.1  |
| 20  | 12                | 0.5 | 0.1  | 12                | 0.7 | 0.2  |
| 21  | 8                 | 0.4 | 0.2  | 12                | 0.4 | 0.2  |
| 22  |                   |     |      | 12                | 0.3 | 0.1  |
| 23  |                   |     |      | 11                | 0.3 | 0.2  |
| 24  |                   |     |      | 12                | 0.4 | 0.1  |
| 25  |                   |     |      | 12                | 0.5 | 0.2  |
| 26  |                   |     |      | 10                | 0.2 | 0.1  |
| 27  | 6                 | 0.2 | 0.1  | 12                | 0.2 | 0.0  |
| 28  | 12                | 0.1 | 0.1  | 12                | 0.1 | 0.0  |
| 29  | 12                | 0.4 | 0.1  | 12                | 0.3 | 0.0  |
| 30  | 12                | 0.1 | 0.1  | 12                | 0.1 | 0.1  |

| STATION | LOCATION           | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------|----------------------------|-------------------------|-----------------|
| 80102R  | 3211 ALBERT STREET | 236                        | 0.5                     | 0.1             |
| 80108C  | 12TH AND SMITH     | 313                        | 0.7                     | 0.1             |

MONTH: SEPTEMBER 1974

CITY: REGINA

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

| DAY | STATION 80202C    |     |      | STATION 80203R    |     |      |
|-----|-------------------|-----|------|-------------------|-----|------|
|     | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1   | 12                | 0.1 | 0.1  | 12                | 0.1 | 0.1  |
| 2   | 12                | 0.4 | 0.1  | 12                | 0.1 | 0.1  |
| 3   | 12                | 0.5 | 0.1  | 11                | 0.5 | 0.2  |
| 4   | 12                | 0.2 | 0.1  | 11                | 0.3 | 0.1  |
| 5   | 12                | 0.1 | 0.0  | 12                | 0.1 | 0.1  |
| 6   | 12                | 0.4 | 0.1  | 12                | 0.2 | 0.1  |
| 7   | 12                | 0.1 | 0.0  | 12                | 0.1 | 0.0  |
| 8   | 12                | 0.1 | 0.0  | 12                | 0.1 | 0.1  |
| 9   | 8                 | 0.2 | 0.1  | 12                | 0.1 | 0.1  |
| 10  | 12                | 0.1 | 0.0  | 11                | 0.1 | 0.1  |
| 11  | 12                | 0.1 | 0.0  |                   |     |      |
| 12  | 12                | 0.2 | 0.1  | 3                 | 0.1 | 0.1  |
| 13  | 12                | 0.3 | 0.1  | 12                | 0.1 | 0.1  |
| 14  | 12                | 0.2 | 0.1  | 12                | 0.2 | 0.1  |
| 15  | 12                | 0.2 | 0.1  | 12                | 0.1 | 0.1  |
| 16  | 12                | 0.3 | 0.2  | 10                | 0.2 | 0.1  |
| 17  | 11                | 0.2 | 0.1  | 12                | 0.2 | 0.1  |
| 18  | 12                | 0.2 | 0.1  | 12                | 0.1 | 0.1  |
| 19  | 11                | 0.2 | 0.1  | 12                | 0.1 | 0.0  |
| 20  | 12                | 0.1 | 0.1  | 12                | 0.1 | 0.1  |
| 21  | 11                | 0.3 | 0.1  | 11                | 0.2 | 0.1  |
| 22  | 12                | 0.3 | 0.1  | 4                 | 0.1 | 0.1  |
| 23  | 12                | 0.3 | 0.1  |                   |     |      |
| 24  | 11                | 0.2 | 0.1  | 6                 | 0.1 | 0.1  |
| 25  | 12                | 0.3 | 0.1  | 12                | 0.3 | 0.1  |
| 26  | 12                | 0.2 | 0.1  | 12                | 0.2 | 0.1  |
| 27  | 12                | 0.2 | 0.1  | 12                | 0.1 | 0.1  |
| 28  | 12                | 0.1 | 0.0  | 9                 | 0.1 | 0.0  |
| 29  | 12                | 0.1 | 0.1  |                   |     |      |
| 30  | 11                | 0.1 | 0.1  | 5                 | 0.1 | 0.1  |

| STATION | LOCATION          | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|-------------------|----------------------------|-------------------------|-----------------|
| 80202C  | CITY LIBRARY      | 351                        | 0.5                     | 0.1             |
| 80203R  | MOUNT ROYAL LODGE | 285                        | 0.5                     | 0.1             |

MONTH: SEPTEMBER 1974

CITY: SASKATOON

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

STATION 80301C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   |                   |     |      |
| 2   |                   |     |      |
| 3   |                   |     |      |
| 4   | 6                 | 0.3 | 0.2  |
| 5   | 12                | 0.2 | 0.1  |
| 6   | 12                | 0.3 | 0.1  |
| 7   | 12                | 0.4 | 0.1  |
| 8   | 12                | 0.4 | 0.1  |
| 9   | 12                | 0.2 | 0.1  |
| 10  | 12                | 0.3 | 0.1  |
| 11  | 12                | 0.3 | 0.1  |
| 12  | 12                | 0.2 | 0.1  |
| 13  | 12                | 0.3 | 0.1  |
| 14  | 12                | 0.3 | 0.1  |
| 15  | 12                | 0.4 | 0.2  |
| 16  | 12                | 0.2 | 0.1  |
| 17  | 12                | 0.6 | 0.2  |
| 18  | 12                | 0.2 | 0.1  |
| 19  | 12                | 0.2 | 0.1  |
| 20  | 12                | 0.4 | 0.1  |
| 21  | 12                | 0.6 | 0.2  |
| 22  | 12                | 0.3 | 0.1  |
| 23  | 12                | 0.4 | 0.2  |
| 24  | 12                | 1.3 | 0.2  |
| 25  | 12                | 0.7 | 0.2  |
| 26  | 12                | 0.2 | 0.1  |
| 27  | 2                 | 0.0 | 0.0  |
| 28  |                   |     |      |
| 29  |                   |     |      |
| 30  | 1                 | 0.0 | 0.0  |

| STATION | LOCATION           | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------|----------------------------|-------------------------|-----------------|
| 80301C  | TELEPHONE BUILDING | 273                        | 1.3                     | 0.1             |

MONTH: SEPTEMBER 1974

CITY: MOOSE JAW

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

STATION 80401C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   |                   |     |      |
| 2   |                   |     |      |
| 3   |                   |     |      |
| 4   |                   |     |      |
| 5   |                   |     |      |
| 6   |                   |     |      |
| 7   |                   |     |      |
| 8   |                   |     |      |
| 9   |                   |     |      |
| 10  |                   |     |      |
| 11  |                   |     |      |
| 12  |                   |     |      |
| 13  |                   |     |      |
| 14  |                   |     |      |
| 15  |                   |     |      |
| 16  |                   |     |      |
| 17  |                   |     |      |
| 18  |                   |     |      |
| 19  | 4                 | 0.1 | 0.1  |
| 20  | 11                | 0.3 | 0.1  |
| 21  | 12                | 0.1 | 0.1  |
| 22  | 12                | 0.4 | 0.1  |
| 23  | 12                | 1.9 | 0.4  |
| 24  | 11                | 0.2 | 0.1  |
| 25  | 12                | 0.3 | 0.1  |
| 26  | 11                | 0.3 | 0.1  |
| 27  | 12                | 0.5 | 0.1  |
| 28  | 12                | 0.1 | 0.0  |
| 29  | 12                | 0.2 | 0.1  |
| 30  | 12                | 0.3 | 0.1  |

| STATION | LOCATION            | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|---------------------|----------------------------|-------------------------|-----------------|
| 80401C  | 49-12TH STREET EAST | 133                        | 1.9                     | 0.1             |

MONTH: SEPTEMBER 1974

CITY: PRINCE ALBERT

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

| STATION 90109I |                   |     |      | STATION 90118R    |     |      | STATION 90123C    |     |      |
|----------------|-------------------|-----|------|-------------------|-----|------|-------------------|-----|------|
| DAY            | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1              | 12                | 0.0 | 0.0  | 12                | 0.6 | 0.1  | 12                | 0.5 | 0.1  |
| 2              | 12                | 0.8 | 0.1  | 12                | 0.6 | 0.1  | 12                | 0.3 | 0.1  |
| 3              | 12                | 0.8 | 0.4  | 12                | 1.0 | 0.5  | 12                | 0.7 | 0.4  |
| 4              | 12                | 1.0 | 0.2  | 12                | 1.4 | 0.5  | 12                | 0.4 | 0.1  |
| 5              | 12                | 0.6 | 0.1  | 12                | 0.0 | 0.0  | 12                | 0.0 | 0.0  |
| 6              | 12                | 0.0 | 0.0  | 12                | 0.0 | 0.0  | 12                | 0.3 | 0.1  |
| 7              | 12                | 0.0 | 0.0  | 12                | 0.0 | 0.0  | 12                | 0.0 | 0.0  |
| 8              | 12                | 0.0 | 0.0  | 12                | 1.7 | 0.3  | 12                | 0.0 | 0.0  |
| 9              | 12                | 0.7 | 0.1  | 12                | 1.8 | 0.4  | 12                | 0.0 | 0.0  |
| 10             | 12                | 0.0 | 0.0  | 12                | 0.5 | 0.1  | 12                | 0.0 | 0.0  |
| 11             | 12                | 0.3 | 0.1  | 12                | 0.5 | 0.1  | 12                | 0.3 | 0.1  |
| 12             | 12                | 0.5 | 0.2  | 12                | 0.8 | 0.3  | 12                | 0.0 | 0.0  |
| 13             | 12                | 0.0 | 0.0  | 12                | 0.4 | 0.2  | 12                | 0.0 | 0.0  |
| 14             | 12                | 0.3 | 0.1  | 12                | 0.4 | 0.1  | 9                 | 0.3 | 0.1  |
| 15             | 12                | 0.0 | 0.0  | 12                | 0.7 | 0.1  |                   |     |      |
| 16             | 12                | 0.5 | 0.2  | 12                | 0.5 | 0.4  | 7                 | 0.4 | 0.1  |
| 17             | 12                | 0.7 | 0.2  | 12                | 1.1 | 0.4  | 12                | 0.4 | 0.1  |
| 18             | 12                | 0.9 | 0.3  | 12                | 0.3 | 0.0  | 12                | 0.0 | 0.0  |
| 19             | 12                | 0.7 | 0.2  | 12                | 0.6 | 0.2  | 12                | 0.3 | 0.1  |
| 20             | 12                | 0.7 | 0.3  | 12                | 0.8 | 0.2  | 12                | 0.3 | 0.0  |
| 21             | 12                | 0.7 | 0.1  | 12                | 0.3 | 0.1  | 12                | 0.2 | 0.0  |
| 22             | 12                | 0.9 | 0.1  | 12                | 0.5 | 0.1  | 12                | 0.2 | 0.0  |
| 23             | 12                | 1.2 | 0.2  | 12                | 0.6 | 0.2  | 12                | 0.0 | 0.0  |
| 24             | 12                | 0.8 | 0.2  | 12                | 0.8 | 0.2  | 12                | 0.8 | 0.2  |
| 25             | 12                | 0.2 | 0.1  | 12                | 0.3 | 0.2  | 12                | 0.3 | 0.0  |
| 26             | 12                | 0.0 | 0.0  | 6                 | 0.3 | 0.1  | 12                | 0.0 | 0.0  |
| 27             | 12                | 0.0 | 0.0  |                   |     |      | 12                | 0.0 | 0.0  |
| 28             | 12                | 0.3 | 0.1  |                   |     |      | 12                | 0.0 | 0.0  |
| 29             | 12                | 0.0 | 0.0  |                   |     |      | 12                | 0.0 | 0.0  |
| 30             | 12                | 0.4 | 0.1  | 5                 | 0.2 | 0.0  | 12                | 0.0 | 0.0  |

| STATION | LOCATION                | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|-------------------------|----------------------------|-------------------------|-----------------|
| 90109I  | 149 ST. AND 115 AVENUE  | 360                        | 1.2                     | 0.1             |
| 90118R  | 73 AVENUE AND 95 STREET | 311                        | 1.8                     | 0.2             |
| 90123C  | 100 ST. AND 102 AVENUE  | 340                        | 0.8                     | 0.1             |

MONTH: SEPTEMBER 1974

CITY: EDMONTON

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

| STATION 90216R |                   |     |      | STATION 90218I    |     |      |  | STATION 90219C    |     |      |  |
|----------------|-------------------|-----|------|-------------------|-----|------|--|-------------------|-----|------|--|
| DAY            | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |  | NO. OF<br>SAMPLES | MAX | MEAN |  |
| 1              | 12                | 0.1 | 0.0  | 12                | 0.1 | 0.0  |  | 24                | 0.3 | 0.2  |  |
| 2              | 12                | 0.1 | 0.0  | 12                | 0.3 | 0.1  |  | 24                | 0.6 | 0.3  |  |
| 3              | 12                | 0.1 | 0.0  | 12                | 0.3 | 0.1  |  | 24                | 0.8 | 0.3  |  |
| 4              | 12                | 0.3 | 0.1  | 12                | 0.1 | 0.0  |  | 24                | 0.3 | 0.2  |  |
| 5              | 12                | 0.0 | 0.0  | 12                | 0.1 | 0.0  |  | 24                | 0.5 | 0.3  |  |
| 6              | 12                | 0.0 | 0.0  | 12                | 0.1 | 0.0  |  | 24                | 0.6 | 0.3  |  |
| 7              | 12                | 0.0 | 0.0  | 12                | 0.1 | 0.0  |  | 24                | 0.5 | 0.3  |  |
| 8              | 12                | 0.1 | 0.0  | 12                | 0.0 | 0.0  |  | 24                | 0.3 | 0.2  |  |
| 9              | 12                | 0.1 | 0.0  | 12                | 0.1 | 0.0  |  | 24                | 0.9 | 0.4  |  |
| 10             | 12                | 0.0 | 0.0  | 12                | 0.3 | 0.1  |  | 24                | 0.6 | 0.3  |  |
| 11             | 12                | 0.0 | 0.0  | 12                | 0.6 | 0.3  |  | 24                | 0.8 | 0.3  |  |
| 12             | 12                | 0.1 | 0.0  | 12                | 1.4 | 0.4  |  | 24                | 0.6 | 0.3  |  |
| 13             | 12                | 0.0 | 0.0  | 12                | 0.9 | 0.2  |  | 24                | 0.6 | 0.4  |  |
| 14             | 12                | 0.0 | 0.0  | 12                | 0.6 | 0.2  |  | 24                | 0.6 | 0.3  |  |
| 15             | 12                | 0.0 | 0.0  | 12                | 1.4 | 0.3  |  | 24                | 0.6 | 0.3  |  |
| 16             | 12                | 0.3 | 0.1  | 12                | 1.0 | 0.4  |  | 24                | 0.6 | 0.4  |  |
| 17             | 12                | 0.0 | 0.0  | 12                | 1.2 | 0.6  |  | 24                | 0.6 | 0.3  |  |
| 18             | 12                | 0.0 | 0.0  | 12                | 0.7 | 0.5  |  | 24                | 0.8 | 0.3  |  |
| 19             | 12                | 0.1 | 0.0  | 12                | 2.1 | 0.6  |  | 24                | 1.3 | 0.5  |  |
| 20             | 12                | 0.1 | 0.0  | 12                | 1.3 | 0.6  |  | 24                | 1.3 | 0.6  |  |
| 21             | 12                | 0.0 | 0.0  | 12                | 0.9 | 0.3  |  | 24                | 1.5 | 0.4  |  |
| 22             | 12                | 0.0 | 0.0  | 12                | 0.6 | 0.2  |  | 24                | 0.9 | 0.4  |  |
| 23             | 12                | 0.1 | 0.0  | 12                | 1.0 | 0.3  |  | 24                | 1.6 | 0.5  |  |
| 24             | 12                | 0.0 | 0.0  | 12                | 1.4 | 0.5  |  | 24                | 1.3 | 0.7  |  |
| 25             | 12                | 0.0 | 0.0  | 12                | 1.2 | 0.4  |  | 24                | 1.2 | 0.4  |  |
| 26             | 7                 | 0.1 | 0.0  | 12                | 0.4 | 0.1  |  | 24                | 0.3 | 0.2  |  |
| 27             | 12                | 0.0 | 0.0  | 12                | 0.8 | 0.1  |  | 24                | 1.3 | 0.4  |  |
| 28             | 12                | 0.0 | 0.0  | 12                | 0.4 | 0.1  |  | 24                | 0.6 | 0.3  |  |
| 29             | 12                | 0.0 | 0.0  | 12                | 0.1 | 0.0  |  | 24                | 0.2 | 0.2  |  |
| 30             | 12                | 0.0 | 0.0  | 12                | 0.3 | 0.1  |  | 24                | 0.5 | 0.2  |  |

| STATION | LOCATION                 | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------------|----------------------------|-------------------------|-----------------|
| 90216R  | WATERWORKS PLANT         | 355                        | 0.3                     | 0.0             |
| 90218I  | BONNY BRK & 18A ST. S.E. | 360                        | 2.1                     | 0.2             |
| 90219C  | 620-7TH AVENUE, S.W.     | 720                        | 1.6                     | 0.3             |

MONTH: SEPTEMBER 1974

CITY: CALGARY

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

| STATION 00102R |                   |     |      | STATION 00105C    |     |      | STATION 00106R    |     |      |
|----------------|-------------------|-----|------|-------------------|-----|------|-------------------|-----|------|
| DAY            | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN | NO. OF<br>SAMPLES | MAX | MEAN |
| 1              | 12                | 0.3 | 0.1  | 12                | 1.1 | 0.6  | 12                | 1.5 | 0.4  |
| 2              | 12                | 0.5 | 0.2  | 12                | 1.4 | 0.7  | 12                | 0.9 | 0.5  |
| 3              | 12                | 0.5 | 0.1  | 12                | 1.7 | 0.9  | 12                | 1.5 | 0.4  |
| 4              | 12                | 0.5 | 0.1  | 12                | 0.9 | 0.4  | 12                | 0.6 | 0.3  |
| 5              | 12                | 0.4 | 0.1  | 12                | 1.2 | 0.6  | 12                | 0.4 | 0.2  |
| 6              | 12                | 0.5 | 0.2  | 12                | 0.8 | 0.4  | 12                | 0.5 | 0.3  |
| 7              | 12                | 0.4 | 0.1  | 12                | 1.4 | 0.8  | 12                | 0.6 | 0.2  |
| 8              | 12                | 0.1 | 0.0  | 12                | 0.8 | 0.5  | 12                | 0.4 | 0.2  |
| 9              | 12                | 0.6 | 0.2  | 12                | 0.9 | 0.4  | 12                | 1.1 | 0.5  |
| 10             | 12                | 0.5 | 0.2  | 12                | 1.3 | 0.4  | 12                | 1.3 | 0.6  |
| 11             | 12                | 0.5 | 0.1  | 12                | 0.9 | 0.6  | 12                | 1.5 | 0.7  |
| 12             | 12                | 0.3 | 0.1  | 12                | 1.7 | 0.7  | 12                | 1.0 | 0.6  |
| 13             | 12                | 0.3 | 0.1  | 12                | 1.6 | 1.1  | 12                | 0.9 | 0.4  |
| 14             | 12                | 0.5 | 0.2  | 12                | 1.6 | 0.9  | 12                | 1.7 | 0.7  |
| 15             | 12                | 0.2 | 0.1  | 12                | 1.5 | 0.8  | 12                | 1.5 | 0.7  |
| 16             | 12                | 0.3 | 0.0  | 12                | 2.3 | 1.0  | 12                | 1.4 | 0.4  |
| 17             | 12                | 0.2 | 0.0  | 12                | 1.8 | 1.2  | 12                | 1.4 | 0.8  |
| 18             | 12                | 0.5 | 0.2  | 12                | 2.1 | 1.1  | 12                | 1.7 | 0.9  |
| 19             | 12                | 0.5 | 0.1  | 12                | 1.8 | 1.1  | 12                | 2.0 | 0.8  |
| 20             | 12                | 0.5 | 0.1  | 12                | 2.3 | 1.0  | 12                | 1.4 | 0.5  |
| 21             | 12                | 0.3 | 0.1  | 12                | 1.6 | 1.0  | 12                | 1.2 | 0.7  |
| 22             | 12                | 0.3 | 0.1  | 12                | 1.4 | 0.9  | 12                | 2.6 | 1.2  |
| 23             | 12                | 0.4 | 0.1  | 12                | 2.8 | 1.4  | 12                | 1.6 | 0.4  |
| 24             | 12                | 0.2 | 0.1  | 12                | 2.9 | 1.8  | 12                | 1.2 | 0.6  |
| 25             | 12                | 0.6 | 0.1  | 12                | 1.9 | 1.0  | 12                | 0.7 | 0.3  |
| 26             | 9                 | 0.2 | 0.1  | 12                | 1.1 | 0.5  | 12                | 0.7 | 0.3  |
| 27             |                   |     |      | 12                | 1.6 | 0.8  | 12                | 1.0 | 0.4  |
| 28             |                   |     |      | 12                | 0.9 | 0.4  | 12                | 1.2 | 0.7  |
| 29             |                   |     |      | 12                | 0.8 | 0.4  | 12                | 1.2 | 0.6  |
| 30             |                   |     |      | 12                | 1.7 | 1.0  | 12                | 0.7 | 0.2  |

| STATION | LOCATION                 | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------------|----------------------------|-------------------------|-----------------|
| 00102R  | 100 RICHMOND STREET      | 309                        | 0.6                     | 0.1             |
| 00105C  | 739 WEST HASTINGS STREET | 360                        | 2.9                     | 0.8             |
| 00106R  | 2294 WEST 10TH AVENUE    | 360                        | 2.6                     | 0.5             |

MONTH: SEPTEMBER 1974

CITY: VANCOUVER

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

STATION 001081

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   | 12                | 0.6 | 0.3  |
| 2   | 12                | 0.6 | 0.4  |
| 3   | 12                | 0.8 | 0.4  |
| 4   | 12                | 0.6 | 0.2  |
| 5   | 12                | 0.8 | 0.3  |
| 6   | 12                | 0.9 | 0.4  |
| 7   | 12                | 0.7 | 0.3  |
| 8   | 12                | 0.7 | 0.4  |
| 9   | 12                | 0.8 | 0.3  |
| 10  | 12                | 1.5 | 0.3  |
| 11  | 12                | 1.2 | 0.4  |
| 12  | 12                | 1.8 | 0.5  |
| 13  | 12                | 1.3 | 0.7  |
| 14  | 12                | 1.1 | 0.6  |
| 15  | 12                | 0.6 | 0.3  |
| 16  | 12                | 1.2 | 0.7  |
| 17  | 12                | 1.6 | 0.8  |
| 18  | 12                | 1.2 | 0.7  |
| 19  | 12                | 1.0 | 0.4  |
| 20  | 12                | 0.9 | 0.5  |
| 21  | 12                | 0.9 | 0.5  |
| 22  | 12                | 0.7 | 0.4  |
| 23  | 12                | 1.5 | 0.7  |
| 24  | 12                | 2.0 | 0.9  |
| 25  | 12                | 2.4 | 0.7  |
| 26  | 12                | 0.9 | 0.3  |
| 27  | 12                | 1.3 | 0.6  |
| 28  | 12                | 1.1 | 0.3  |
| 29  | 12                | 1.2 | 0.4  |
| 30  | 12                | 1.4 | 0.7  |

| STATION | LOCATION             | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|----------------------|----------------------------|-------------------------|-----------------|
| 001081  | 250 WEST 70TH AVENUE | 360                        | 2.4                     | 0.5             |

MONTH: SEPTEMBER 1974

CITY: VANCOUVER

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

STATION 00301C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   | 12                | 0.5 | 0.3  |
| 2   | 12                | 0.4 | 0.3  |
| 3   | 12                | 1.2 | 0.4  |
| 4   | 12                | 0.7 | 0.2  |
| 5   | 12                | 0.6 | 0.3  |
| 6   | 12                | 0.4 | 0.2  |
| 7   | 12                | 0.7 | 0.2  |
| 8   | 12                | 0.3 | 0.1  |
| 9   | 12                | 0.4 | 0.2  |
| 10  | 12                | 0.3 | 0.2  |
| 11  | 12                | 0.6 | 0.2  |
| 12  | 12                | 0.6 | 0.2  |
| 13  | 12                | 0.9 | 0.3  |
| 14  | 12                | 0.3 | 0.1  |
| 15  | 12                | 0.4 | 0.2  |
| 16  | 12                | 0.6 | 0.2  |
| 17  | 12                | 0.5 | 0.2  |
| 18  | 12                | 0.3 | 0.1  |
| 19  | 12                | 0.3 | 0.1  |
| 20  | 12                | 0.6 | 0.2  |
| 21  | 12                | 0.5 | 0.2  |
| 22  | 11                | 0.5 | 0.2  |
| 23  |                   |     |      |
| 24  |                   |     |      |
| 25  |                   |     |      |
| 26  |                   |     |      |
| 27  |                   |     |      |
| 28  |                   |     |      |
| 29  |                   |     |      |
| 30  |                   |     |      |

| STATION | LOCATION                 | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------------|----------------------------|-------------------------|-----------------|
| 00301C  | POLICE STATION, FISGUARD | 263                        | 1.2                     | 0.2             |

MONTH: SEPTEMBER 1974

CITY: VICTORIA

SUMMARY OF SOILING INDEX LEVELS  
VALEURS CONDENSEES DES INDICES DE SOUILLURE

STATION 09001C

| DAY | NO. OF<br>SAMPLES | MAX | MEAN |
|-----|-------------------|-----|------|
| 1   |                   |     |      |
| 2   |                   |     |      |
| 3   |                   |     |      |
| 4   |                   |     |      |
| 5   |                   |     |      |
| 6   |                   |     |      |
| 7   |                   |     |      |
| 8   |                   |     |      |
| 9   |                   |     |      |
| 10  |                   |     |      |
| 11  |                   |     |      |
| 12  |                   |     |      |
| 13  |                   |     |      |
| 14  |                   |     |      |
| 15  |                   |     |      |
| 16  |                   |     |      |
| 17  |                   |     |      |
| 18  |                   |     |      |
| 19  |                   |     |      |
| 20  |                   |     |      |
| 21  |                   |     |      |
| 22  |                   |     |      |
| 23  |                   |     |      |
| 24  |                   |     |      |
| 25  |                   |     |      |
| 26  |                   |     |      |
| 27  | 17                | 0.4 | 0.3  |
| 28  | 24                | 0.5 | 0.3  |
| 29  | 24                | 0.5 | 0.3  |
| 30  | 24                | 0.6 | 0.3  |

| STATION | LOCATION         | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|------------------|----------------------------|-------------------------|-----------------|
| 09001C  | FEDERAL BUILDING | 89                         | 0.6                     | 0.3             |

MONTH: SEPTEMBER 1974

CITY: WHITEHORSE

## **SUSPENDED PARTICULATES AND LEAD**

A high volume sampler is used to determine the concentration of suspended particulates in the air. The sampler is operated continuously for a 24 hour period usually every sixth day, resulting in 4 to 5 samples per month. Approximately 1.25 cubic meter of air per minute is drawn through a preweighed glass fibre filter. The filter is removed and weighed to determine the amount of the suspended particulates deposited. In most cases, the filters are subsequently analyzed to determine the lead content of the samples. The units of measurement are micrograms per cubic meter of air.

## **PARTICULES EN SUSPENSION ET LE PLOMB**

Un échantillonneur à grand débit est utilisé pour déterminer la concentration de particules en suspension dans l'atmosphère. Pendant 24 heures, l'air est aspiré à un débit d'environ 1.25 mètre cube par minute à travers un filtre de fibre de verre taré qui capte les particules en suspension. L'échantillonnage a lieu normalement tous les six jours, ce qui donne 4 ou 5 échantillons par mois. Le filtre est enlevé et pesé à nouveau afin de déterminer la quantité de particules recueillies.

Dans la plupart des cas on détermine la teneur en plomb des particules prélevées sur ces filtres. Les résultats sont exprimés en microgrammes par mètre cube d'air.

STATIONS MEASURING SUSPENDED PARTICULATES  
STATIONS MESURANT LES PARTICULES EN SUSPENSION

|       |     |    |               |                          |
|-------|-----|----|---------------|--------------------------|
| 10101 | C,F | 30 | ST. JOHN'S    | DUCKWORTH AND ORDINANCE  |
| 20101 | C,F | 30 | CHARLOTTETOWN | KENT AND QUEEN           |
| 30101 | C,F | 40 | HALIFAX       | N.S. TECHNICAL COLLEGE   |
| 30102 | R,F | 59 | HALIFAX       | DALHOUSIE UNIVERSITY     |
| 30114 | R,F | 31 | HALIFAX       | MT ST VINCENT UNIVERSITY |
| 30115 | I,F | 36 | HALIFAX       | CFB SHEARWATER           |
| 30310 | C,F | 5  | SYDNEY        | COUNTY JAIL              |
| 30311 | R,F | 5  | SYDNEY        | WHITNEY PIER FIRE STN.   |
| 40101 | C,F | 23 | FREDERICTON   | WOODSTOCK ROAD           |
| 40201 | C,F | 58 | SAINT JOHN    | 110 CHARLOTTE STREET     |
| 40301 | C,F | 30 | MONCTON       | POST OFFICE              |
| 50102 | R,F | 10 | MONTREAL      | BOTANICAL GARDENS        |
| 50103 | R,F | 16 | MONTREAL      | POINTE AUX TREMBLES      |
| 50105 | C,F | 35 | MONTREAL      | 1212 DRUMMOND            |
| 50106 | R,F | 10 | MONTREAL      | VILLE ST. LAURENT        |
| 50107 | R,F | 13 | MONTREAL      | VILLE LASALLE            |
| 50108 | R,P | 45 | MONTREAL      | 1700 BOURASSA, LONGUEUIL |
| 50109 | C,F | 10 | MONTREAL      | DUNCAN AND DECARIE       |
| 50201 | C,F | 35 | HULL          | RUE PRINCIPALE           |
| 50301 | C,F | 50 | QUEBEC        | PARC-AUTOS PAQ.LALIBERTE |
| 50302 | R,F | 15 | QUEBEC        | PARC-BARDY               |
| 50303 | I,F | 40 | QUEBEC        | CENTRE LOISIRS LIMOILOU  |
| 50401 | C,F | 30 | SHERBROOKE    | MARCHE PUBLIC            |
| 50402 | R,F | 30 | SHERBROOKE    | CASERNE DE POMPIERS #5   |

|       |     |    |                  |                          |
|-------|-----|----|------------------|--------------------------|
| 50501 | C,F | 40 | CHICOUTIMI       | CITY HALL                |
| 50502 | R,F | 20 | CHICOUTIMI       | FILTRATION WORKS         |
| 60101 | C,F | 53 | OTTAWA           | SLATER AND ELGIN         |
| 60201 | I,F | 12 | WINDSOR          | MORTON TERMINAL DOCK     |
| 60202 | C,F | 50 | WINDSOR          | CITY HALL                |
| 60203 | R,F | 10 | WINDSOR          | TECUMSEH WATER WORKS     |
| 60301 | R,F | 60 | KINGSTON         | QUEEN'S UNIVERSITY       |
| 60401 | C,P | 55 | TORONTO          | 67 COLLEGE STREET        |
| 60403 | I,P | 4  | TORONTO          | EVANS AND ARNOLD         |
| 60409 | R,P | 4  | TORONTO          | REDLANDS CRESCENT        |
| 60501 | C,P | 12 | HAMILTON         | BARTON AND SANFORD       |
| 60503 | I,P | 18 | HAMILTON         | CHATHAM AND FRID         |
| 60505 | R,P | 22 | HAMILTON         | NORTH PARK               |
| 60602 | R,P | 12 | SUDBURY          | ASH STREET               |
| 60605 | C,P | 35 | SUDBURY          | 19 LISGAR STREET         |
| 60701 | C,P | 40 | SAULT STE. MARIE | PROV ONTARIO BUILDING    |
| 60801 | C,P | 40 | THUNDER BAY      | 14 ALGOMA STREET         |
| 60901 | C,P | 13 | LONDON           | KING AND RECTORY         |
| 60902 | C,P | 55 | LONDON           | 372 DUNDAS               |
| 61001 | C,P | 12 | SARNIA           | 156 VICTORIA STREET      |
| 70101 | C,F | 33 | WINNIPEG         | 270 CSBORNE STREET       |
| 70102 | R,F | 23 | WINNIPEG         | PORTAGE AT WOODLAWN      |
| 70103 | R,F | 27 | WINNIPEG         | HARTFORD AT MAIN         |
| 70104 | I,F | 50 | WINNIPEG         | UNION STOCK YARDS        |
| 70201 | C,F | 40 | BRANDON          | 11TH ST. & PRINCESS AVE. |
| 80102 | R,F | 19 | REGINA           | 3211 ALBERT STREET       |
| 80108 | C,F | 40 | REGINA           | 12TH AND SMITH           |

|       |     |    |               |                          |
|-------|-----|----|---------------|--------------------------|
| 80202 | C,F | 37 | SASKATOON     | CITY LIBRARY             |
| 80203 | R,F | 44 | SASKATOON     | MOUNT ROYAL LODGE        |
| 80301 | C,F | 54 | MOOSE JAW     | TELEPHONE BUILDING       |
| 80401 | C,F | 45 | PRINCE ALBERT | 49-12TH STREET EAST      |
| 90103 | R,F | 4  | EDMONTON      | 146TH ST. AND 92ND AVE.  |
| 90121 | I,F | 14 | EDMONTON      | 17 STREET AND 105 AVENUE |
| 90123 | C,F | 65 | EDMONTON      | 100 ST. AND 102 AVENUE   |
| 90203 | R,F | 4  | CALGARY       | 407-31 AVENUE, N.W.      |
| 90204 | C,F | 30 | CALGARY       | 316-7TH AVENUE           |
| 90218 | I,F | 4  | CALGARY       | BONNY BRK & 18A ST. S.E. |
| 90301 | C,F | 25 | RED DEER      | 4747 50TH STREET         |
| 90401 | C,F | 20 | MEDICINE HAT  | 770 FIRST STREET, S.E.   |
| 90501 | C,F | 50 | LETHBRIDGE    | 13 ST. AND 9 AVENUE S.   |
| 99001 | C,F | 24 | YELLOWKNIFE   | 50TH AVE. & 51ST STREET  |
| 00102 | R,F | 15 | VANCOUVER     | 100 RICHMOND STREET      |
| 00104 | R,F | 60 | VANCOUVER     | 27TH AND ONTARIO         |
| 00105 | C,F | 75 | VANCOUVER     | 739 WEST HASTINGS STREET |
| 00106 | R,F | 55 | VANCOUVER     | 2294 WEST 10TH AVENUE    |
| 00108 | I,F | 34 | VANCOUVER     | 250 WEST 70TH AVENUE     |
| 00201 | C,F | 30 | PRINCE GEORGE | POST OFFICE              |
| 00301 | C,F | 45 | VICTORIA      | POLICE STATION, FISGUARD |
| 09001 | C,F | 26 | WHITEHORSE    | FEDERAL BUILDING         |

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
 VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 10101C

| DAY | S.P. | LEAD |
|-----|------|------|
| 5   | 22   | 0.5  |
| 11  | 60   | 0.7  |
| 17  | 39   | 0.6  |
| 23  | 39   | 0.7  |
| 29  | 83   | 1.3  |

| STATION | LOCATION                |      | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|-------------------------|------|----------------------------|-------------------------|-----------------|
| 10101C  | DUCKWORTH AND ORDINANCE | S.P. | 5                          | 83                      | 49              |
|         |                         | LEAD | 5                          | 1.3                     | 0.8             |

MONTH: SEPTEMBER 1974

CITY: ST. JOHN'S

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 20101C

| DAY | S.P. | LEAD |
|-----|------|------|
| 5   | 74   | 1.4  |
| 11  | 65   | 0.7  |
| 17  | 44   | 0.3  |
| 23  |      |      |
| 29  |      |      |

| STATION | LOCATION       | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|----------------|----------------------------|-------------------------|-----------------|
| 20101C  | KENT AND QUEEN | S.P. 3                     | 74                      | 61              |
|         |                | LEAD 3                     | 1.4                     | 0.8             |

MONTH: SEPTEMBER 1974

CITY: CHARLOTTETOWN

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

|     | STATION 30101C |      | STATION 30102R |      | STATION 30114R |      |
|-----|----------------|------|----------------|------|----------------|------|
| DAY | S.P.           | LEAD | S.P.           | LEAD | S.P.           | LEAD |
| 5   | 33             | 0.5  |                |      | 19             | 0.2  |
| 11  | 82             | 0.5  | 71             | 0.4  | 57             | 0.3  |
| 17  | 46             | 0.4  | 27             | 0.3  | 13             | 0.2  |
| 23  | 38             | 0.5  | 32             | 0.5  |                |      |
| 29  | 46             | 0.2  | 44             | 0.2  |                |      |

| STATION | LOCATION                 |      | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------------|------|----------------------------|-------------------------|-----------------|
| 30101C  | N.S. TECHNICAL COLLEGE   | S.P. | 5                          | 82                      | 49              |
|         |                          | LEAD | 5                          | 0.5                     | 0.4             |
| 30102R  | DALHOUSIE UNIVERSITY     | S.P. | 4                          | 71                      | 43              |
|         |                          | LEAD | 4                          | 0.5                     | 0.3             |
| 30114R  | MT ST VINCENT UNIVERSITY | S.P. | 3                          | 57                      | 30              |
|         |                          | LEAD | 3                          | 0.3                     | 0.2             |

MONTH: SEPTEMBER 1974

CITY: HALIFAX

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
 VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 30115I

| DAY | S.P. | LEAD |
|-----|------|------|
| 5   | 25   | 0.2  |
| 11  | 38   | 0.1  |
| 17  | 25   | 0.3  |
| 22  | 36   | 0.2  |
| 29  | 51   | 0.1  |

| STATION | LOCATION       | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|----------------|----------------------------|-------------------------|-----------------|
| 30115I  | CFB SHEARWATER | S.P. 5                     | 51                      | 35              |
|         |                | LEAD 5                     | 0.3                     | 0.2             |

MONTH: SEPTEMBER 1974

CITY: HALIFAX

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
 VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

| DAY | STATION 30310C |      | STATION 30311R |      |
|-----|----------------|------|----------------|------|
|     | S.P.           | LEAD | S.P.           | LEAD |
| 5   | 58             | 0.2  | 109            | 0.6  |
| 11  | 72             | 0.9  | 269            | 1.6  |
| 17  | 114            | 0.8  | 393            | 1.5  |
| 23  | 45             | 1.0  | 243            | 0.9  |
| 29  | 55             | 0.5  | 218            | 1.6  |

| STATION | LOCATION               | TOTAL             |   | MAXIMUM      | MONTHLY<br>MEAN |
|---------|------------------------|-------------------|---|--------------|-----------------|
|         |                        | NO. OF<br>SAMPLES |   | FOR<br>MONTH |                 |
| 30310C  | COUNTY JAIL            | S.P.              | 5 | 114          | 69              |
|         |                        | LEAD              | 5 | 1.0          | 0.7             |
| 30311R  | WHITNEY PIER FIRE STN. | S.P.              | 5 | 393          | 246             |
|         |                        | LEAD              | 5 | 1.6          | 1.2             |

MONTH: SEPTEMBER 1974

CITY: SYDNEY

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
 VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 40101C

| DAY | S.P. | LEAD |
|-----|------|------|
| 5   | 14   | 0.3  |
| 11  | 40   | 0.5  |
| 17  | 33   | 0.4  |
| 23  | 13   | 0.1  |
| 29  |      |      |

| STATION | LOCATION       | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|----------------|----------------------------|-------------------------|-----------------|
| 40101C  | WOODSTOCK ROAD | S.P. 4                     | 40                      | 25              |
|         |                | LEAD 4                     | 0.5                     | 0.3             |

MONTH: SEPTEMBER 1974

CITY: FREDERICTON

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 40201C

| DAY | S.P. | LEAD |
|-----|------|------|
| 5   | 65   | 0.6  |
| 11  | 100  | 0.7  |
| 17  | 70   | 0.6  |
| 23  | 19   | 0.8  |
| 29  | 104  | 0.2  |

| STATION | LOCATION             | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|----------------------|----------------------------|-------------------------|-----------------|
| 40201C  | 110 CHARLOTTE STREET | S.P. 5                     | 104                     | 72              |
|         |                      | LEAD 5                     | 0.8                     | 0.6             |

MONTH: SEPTEMBER 1974

CITY: SAINT JOHN

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
 VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 40301C

| DAY | S.P. | LEAD |
|-----|------|------|
| 5   |      |      |
| 11  |      |      |
| 17  |      |      |
| 23  |      |      |
| 29  |      |      |

NO DATA

AVAILABLE

| STATION | LOCATION    | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|-------------|----------------------------|-------------------------|-----------------|
| 40301C  | POST OFFICE | S.P.                       |                         |                 |
|         |             | LEAD                       |                         |                 |

MONTH: SEPTEMBER 1974

CITY: MONCTON

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

| STATION 50102R |      |      | STATION 50103R |      | STATION 50105C |      |
|----------------|------|------|----------------|------|----------------|------|
| DAY            | S.P. | LEAD | S.P.           | LEAD | S.P.           | LEAD |
| 5              | 191  | 4.5  | 189            | 3.1  | 313            | 3.9  |
| 11             | 105  | 1.7  | 127            | 1.2  | 202            | 2.1  |
| 17             | 107  | 1.5  | 121            | 1.2  | 168            | 1.6  |
| 23             | 137  | 2.9  | 67             | 1.5  | 101            | 1.4  |
| 29             | 62   | 0.6  | 62             | 0.4  | 320            | 3.2  |

| STATION | LOCATION            | TOTAL  |         | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|---------------------|--------|---------|-------------------------|-----------------|
|         |                     | NO. OF | SAMPLES |                         |                 |
| 50102R  | BOTANICAL GARDENS   | S.P.   | 5       | 191                     | 120             |
|         |                     | LEAD   | 5       | 4.5                     | 2.2             |
| 50103R  | POINTE AUX TREMBLES | S.P.   | 5       | 189                     | 113             |
|         |                     | LEAD   | 5       | 3.1                     | 1.5             |
| 50105C  | 1212 DRUMMOND       | S.P.   | 5       | 320                     | 221             |
|         |                     | LEAD   | 5       | 3.9                     | 2.4             |

MONTH: SEPTEMBER 1974

CITY: MONTREAL

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

|     | STATION 50106R |      | STATION 50107R |      | STATION 50108R |      |
|-----|----------------|------|----------------|------|----------------|------|
| DAY | S.P.           | LEAD | S.P.           | LEAD | S.P.           | LEAD |
| 5   | 170            | 2.6  |                |      |                |      |
| 11  |                |      |                |      | 101            | 1.1  |
| 17  | 88             | 1.2  | 354            | 5.6  |                |      |
| 23  | 107            | 2.3  | 549            | 11.1 | 82             | 1.3  |
| 29  | 60             | 0.5  |                |      | 36             | 0.3  |

| STATION | LOCATION                 |      | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------------|------|----------------------------|-------------------------|-----------------|
| 50106R  | VILLE ST. LAURENT        | S.P. | 4                          | 170                     | 106             |
|         |                          | LEAD | 4                          | 2.6                     | 1.6             |
| 50107R  | VILLE LASALLE            | S.P. | 2                          | 549                     | 451             |
|         |                          | LEAD | 2                          | 11.1                    | 8.3             |
| 50108R  | 1700 BOURASSA, LONGUEUIL | S.P. | 3                          | 101                     | 73              |
|         |                          | LEAD | 3                          | 1.3                     | 0.9             |

MONTH: SEPTEMBER 1974

CITY: MONTREAL

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 50109C

| DAY | S.P. | LEAD |
|-----|------|------|
| 5   | 263  | 8.7  |
| 11  | 187  | 4.9  |
| 17  | 148  | 4.1  |
| 23  | 141  | 4.4  |
| 29  | 107  | 2.0  |

| STATION | LOCATION           | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------|----------------------------|-------------------------|-----------------|
| 50109C  | DUNCAN AND DECARIE | S.P. 5                     | 263                     | 169             |
|         |                    | LEAD 5                     | 8.7                     | 4.8             |

MONTH: SEPTEMBER 1974

CITY: MONTREAL

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 50201C

| DAY | S.P. | LEAD |
|-----|------|------|
| 5   | 98   | 1.6  |
| 11  | 152  | 1.6  |
| 17  | 54   | 0.6  |
| 23  | 83   | 1.2  |
| 29  | 49   | 0.5  |

| STATION | LOCATION       | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|----------------|----------------------------|-------------------------|-----------------|
| 50201C  | RUE PRINCIPALE | S.P. 5                     | 152                     | 87              |
|         |                | LEAD 5                     | 1.6                     | 1.1             |

MONTH: SEPTEMBER 1974

CITY: HULL

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

|     | STATION 50301C |      | STATION 50302R |      | STATION 50303I |      |
|-----|----------------|------|----------------|------|----------------|------|
| DAY | S.P.           | LEAD | S.P.           | LEAD | S.P.           | LEAD |
| 5   | 103            | 2.2  | 97             | 2.1  | 114            | 2.0  |
| 11  | 147            | 2.1  | 80             | 1.9  | 141            | 2.0  |
| 17  | 85             | 1.5  | 47             | 1.1  | 70             | 1.1  |
| 23  | 99             | 2.2  | 60             | 1.4  | 103            | 1.3  |
| 29  | 38             | 0.5  | 53             | 0.4  | 155            | 0.4  |

| STATION | LOCATION                 |      | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------------|------|----------------------------|-------------------------|-----------------|
| 50301C  | PARC-AUTOS PAQ.LALIBERTE | S.P. | 5                          | 147                     | 94              |
|         |                          | LEAD | 5                          | 2.2                     | 1.7             |
| 50302R  | PARC-BARDY               | S.P. | 5                          | 97                      | 67              |
|         |                          | LEAD | 5                          | 2.1                     | 1.4             |
| 50303I  | CENTRE LOISIRS LIMOILLOU | S.P. | 5                          | 155                     | 117             |
|         |                          | LEAD | 5                          | 2.0                     | 1.4             |

MONTH: SEPTEMBER 1974

CITY: QUEBEC

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
 VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

|     | STATION 50401C |      | STATION 50402R |      |
|-----|----------------|------|----------------|------|
| DAY | S.P.           | LEAD | S.P.           | LEAD |
| 5   |                |      |                |      |
| 11  | NO DATA        |      | NO DATA        |      |
| 17  |                |      |                |      |
| 23  | AVAILABLE      |      | AVAILABLE      |      |
| 29  |                |      |                |      |

| STATION | LOCATION               | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|------------------------|----------------------------|-------------------------|-----------------|
| 50401C  | MARCHE PUBLIC          | S.P.                       |                         |                 |
|         |                        | LEAD                       |                         |                 |
| 50402R  | CASERNE DE POMPIERS #5 | S.P.                       |                         |                 |
|         |                        | LEAD                       |                         |                 |

MONTH: SEPTEMBER 1974

CITY: SHERBROOKE

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

| DAY | STATION 50501C |      | STATION 50502R |      |
|-----|----------------|------|----------------|------|
|     | S.P.           | LEAD | S.P.           | LEAD |
| 5   |                |      |                |      |
| 11  | 20             | 0.5  | 10             | 0.1  |
| 17  | 40             | 0.9  | 32             | 0.1  |
| 23  | 57             | 0.9  | 34             | 0.1  |
| 29  | 15             | 0.4  | 5              | 0.1  |

| STATION | LOCATION         | TOTAL             |   | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|------------------|-------------------|---|-------------------------|-----------------|
|         |                  | NO. OF<br>SAMPLES |   |                         |                 |
| 50501C  | CITY HALL        | S.P.              | 4 | 57                      | 33              |
|         |                  | LEAD              | 4 | 0.9                     | 0.7             |
| 50502R  | FILTRATION WORKS | S.P.              | 4 | 34                      | 20              |
|         |                  | LEAD              | 4 | 0.1                     | 0.1             |

MONTH: SEPTEMBER 1974

CITY: CHICOUTIMI

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
 VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 60101C

| DAY | S.P. | LEAD |
|-----|------|------|
| 5   | 162  | 2.5  |
| 11  |      |      |
| 17  | 95   | 1.1  |
| 23  | 82   | 1.3  |
| 29  | 59   | 0.7  |

| STATION | LOCATION         | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|------------------|----------------------------|-------------------------|-----------------|
| 60101C  | SLATER AND ELGIN | S.P. 4                     | 162                     | 100             |
|         |                  | LEAD 4                     | 2.5                     | 1.4             |

MONTH: SEPTEMBER 1974

CITY: OTTAWA

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

| DAY | STATION 60201I |      | STATION 60202C |      | STATION 60203R |      |
|-----|----------------|------|----------------|------|----------------|------|
|     | S.P.           | LEAD | S.P.           | LEAD | S.P.           | LEAD |
| 5   | 82             | 1.8  | 248            | 1.6  | 39             | 0.5  |
| 11  | 50             | 0.1  | 118            | 0.7  | 90             | 0.4  |
| 17  | 133            | 0.6  | 178            | 0.9  | 101            | 0.7  |
| 23  | 189            | 1.0  | 126            | 1.3  | 113            | 1.1  |
| 29  | 68             | 0.1  |                |      | 38             | 0.3  |

| STATION | LOCATION             | TOTAL<br>NO. OF<br>SAMPLES |      | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|----------------------|----------------------------|------|-------------------------|-----------------|
|         |                      | S.P.                       | LEAD |                         |                 |
| 60201I  | MORTON TERMINAL DOCK | 5                          | 5    | 189                     | 104             |
|         |                      |                            | 5    | 1.8                     | 0.7             |
| 60202C  | CITY HALL            | 4                          | 4    | 248                     | 167             |
|         |                      |                            | 4    | 1.6                     | 1.1             |
| 60203R  | TECUMSEH WATER WORKS | 5                          | 5    | 113                     | 76              |
|         |                      |                            | 5    | 1.1                     | 0.6             |

MONTH: SEPTEMBER 1974

CITY: WINDSOR

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 60301R

| DAY | S.P. | LEAD |
|-----|------|------|
| 5   | 44   | 0.7  |
| 11  | 75   | 0.3  |
| 17  | 37   | 0.3  |
| 23  | 26   | 0.4  |
| 29  | 22   | 0.1  |

| STATION | LOCATION           | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------|----------------------------|-------------------------|-----------------|
| 60301R  | QUEEN'S UNIVERSITY | S.P. 5                     | 75                      | 41              |
|         |                    | LEAD 5                     | 0.7                     | 0.4             |

MONTH: SEPTEMBER 1974

CITY: KINGSTON

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

|     | STATION 60401C |      | STATION 60403I |      | STATION 60409R |      |
|-----|----------------|------|----------------|------|----------------|------|
| DAY | S.P.           | LEAD | S.P.           | LEAD | S.P.           | LEAD |
| 2   |                |      | 32             | 1.9  | 16             | 0.3  |
| 4   | 64             | 1.2  |                |      |                |      |
| 5   |                |      | 66             | 3.4  |                |      |
| 8   |                |      |                |      | 59             | 0.8  |
| 11  | 120            | 1.7  |                |      |                |      |
| 14  |                |      | 40             | 1.5  | 40             | 0.4  |
| 16  | 53             | 0.7  |                |      |                |      |
| 20  |                |      | 53             | 2.2  | 49             | 0.4  |
| 22  | 29             | 0.5  |                |      |                |      |
| 26  |                |      | 79             | 1.4  | 47             | 0.4  |
| 28  | 88             | 1.4  |                |      |                |      |

| STATION | LOCATION          |      | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|-------------------|------|----------------------------|-------------------------|-----------------|
| 60401C  | 67 COLLEGE STREET | S.P. | 5                          | 120                     | 71              |
|         |                   | LEAD | 5                          | 1.7                     | 1.1             |
| 60403I  | EVANS AND ARNOLD  | S.P. | 5                          | 79                      | 54              |
|         |                   | LEAD | 5                          | 3.4                     | 2.1             |
| 60409R  | REDLANDS CRESCENT | S.P. | 5                          | 59                      | 42              |
|         |                   | LEAD | 5                          | 0.8                     | 0.5             |

MONTH: SEPTEMBER 1974

CITY: TORONTO

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

| DAY | STATION 60501C |      | STATION 60503I |      | STATION 60505R |      |
|-----|----------------|------|----------------|------|----------------|------|
|     | S.P.           | LEAD | S.P.           | LEAD | S.P.           | LEAD |
| 2   | 45             | 0.3  | 79             | 0.4  | 50             | 2.1  |
| 8   |                |      | 129            | 1.0  |                |      |
| 14  | 59             | 1.2  | 87             | 0.4  | 129            | 2.2  |
| 20  | 80             | 0.8  | 120            | 0.8  | 131            | 1.9  |
| 26  | 115            | 1.3  | 173            | 0.9  | 122            | 0.8  |

| STATION | LOCATION           | TOTAL<br>NO. OF<br>SAMPLES |   | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------|----------------------------|---|-------------------------|-----------------|
| 60501C  | BARTON AND SANFORD | S.P.                       | 4 | 115                     | 75              |
|         |                    | LEAD                       | 4 | 1.3                     | 0.9             |
| 60503I  | CHATHAM AND FRID   | S.P.                       | 5 | 173                     | 118             |
|         |                    | LEAD                       | 5 | 1.0                     | 0.7             |
| 60505R  | NORTH PARK         | S.P.                       | 4 | 131                     | 108             |
|         |                    | LEAD                       | 4 | 2.2                     | 1.8             |

MONTH: SEPTEMBER 1974

CITY: HAMILTON

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

| DAY | STATION 60602R |      | STATION 60605C |      |
|-----|----------------|------|----------------|------|
|     | S.P.           | LEAD | S.P.           | LEAD |
| 2   | 19             | 0.3  |                |      |
| 8   | 67             | 0.5  | 33             | 0.6  |
| 14  | 24             | 0.3  | 16             | 0.3  |
| 20  | 21             | 0.4  | 31             | 0.7  |
| 26  | 38             | 0.4  | 57             | 1.1  |

| STATION | LOCATION         | TOTAL NO. OF SAMPLES |    | MAXIMUM FOR MONTH | MONTHLY MEAN |
|---------|------------------|----------------------|----|-------------------|--------------|
|         |                  | S.P.                 |    |                   |              |
| 60602R  | ASH STREET       | 5                    | 67 | 34                |              |
|         |                  | LEAD                 | 5  | 0.5               | 0.4          |
| 60605C  | 19 LISGAR STREET | 4                    | 57 | 34                |              |
|         |                  | LEAD                 | 4  | 1.1               | 0.7          |

MONTH: SEPTEMBER 1974

CITY: SUDBURY

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 60701C

| DAY | S.P. | LEAD |
|-----|------|------|
| 3   | 41   | 0.6  |
| 8   | 41   | 0.3  |
| 13  | 26   | 0.4  |
| 18  | 16   | 0.1  |
| 25  | 74   | 0.7  |

| STATION | LOCATION              | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|-----------------------|----------------------------|-------------------------|-----------------|
| 60701C  | PROV ONTARIO BUILDING | S.P. 5                     | 74                      | 40              |
|         |                       | LEAD 5                     | 0.7                     | 0.4             |

MONTH: SEPTEMBER 1974

CITY: SAULT STE. MARIE

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
 VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 60801C

| DAY | S.P. | LEAD |
|-----|------|------|
| 5   | 119  | 0.7  |
| 13  | 44   | 0.3  |
| 21  | 31   | 0.3  |
| 29  | 36   | 0.5  |

| STATION | LOCATION         | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|------------------|----------------------------|-------------------------|-----------------|
| 60801C  | 14 ALGOMA STREET | S.P. 4                     | 119                     | 58              |
|         |                  | LEAD 4                     | 0.7                     | 0.5             |

MONTH: SEPTEMBER 1974

CITY: THUNDER BAY

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

| DAY | STATION 60901C |      | STATION 60902C |      |
|-----|----------------|------|----------------|------|
|     | S.P.           | LEAD | S.P.           | LEAD |
| 2   | 26             | 0.3  |                |      |
| 3   |                |      | 25             | 0.5  |
| 8   | 138            | 1.7  | 101            | 0.8  |
| 14  | 65             | 0.9  | 41             | 0.5  |
| 20  | 38             | 0.6  | 33             | 0.3  |
| 26  |                |      | 98             | 0.9  |
| 27  | 100            | 1.0  |                |      |

| STATION | LOCATION         | TOTAL  |         | MAXIMUM      | MONTHLY<br>MEAN |
|---------|------------------|--------|---------|--------------|-----------------|
|         |                  | NO. OF | SAMPLES | FOR<br>MONTH |                 |
| 60901C  | KING AND RECTORY | S.P.   | 5       | 138          | 73              |
|         |                  | LEAD   | 5       | 1.7          | 0.9             |
| 60902C  | 372 DUNDAS       | S.P.   | 5       | 101          | 60              |
|         |                  | LEAD   | 5       | 0.9          | 0.6             |

MONTH: SEPTEMBER 1974

CITY: LONDON

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 61001C

| DAY | S.P. | LEAD |
|-----|------|------|
| 3   | 65   | 1.4  |
| 10  | 116  | 0.7  |
| 19  | 122  | 0.8  |
| 24  | 106  | 0.5  |
| 30  | 59   | 1.0  |

| STATION | LOCATION            | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|---------------------|----------------------------|-------------------------|-----------------|
| 61001C  | 156 VICTORIA STREET | S.P. 5                     | 122                     | 94              |
|         |                     | LEAD 5                     | 1.4                     | 0.9             |

MONTH: SEPTEMBER 1974

CITY: SARNIA

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

| DAY | STATION 70101C |      | STATION 70102R |      | STATION 70103R |      |
|-----|----------------|------|----------------|------|----------------|------|
|     | S.P.           | LEAD | S.P.           | LEAD | S.P.           | LEAD |
| 5   | 113            | 1.1  | 108            | 0.5  | 107            | 0.6  |
| 11  | 39             | 1.0  | 16             | 0.2  | 9              | 0.2  |
| 17  |                |      | 44             | 0.3  | 69             | 0.5  |
| 23  | 110            | 1.8  | 87             | 0.7  | 102            | 1.7  |
| 29  | 60             | 2.0  | 26             | 0.1  | 33             | 1.2  |

| STATION | LOCATION            | TOTAL<br>NO. OF<br>SAMPLES |      | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|---------------------|----------------------------|------|-------------------------|-----------------|
|         |                     | S.P.                       | LEAD |                         |                 |
| 70101C  | 270 OSBORNE STREET  | 4                          | 4    | 113                     | 80              |
|         |                     |                            |      | 2.0                     | 1.5             |
| 70102R  | PORTAGE AT WOODLAWN | 5                          | 5    | 108                     | 56              |
|         |                     |                            |      | 0.7                     | 0.4             |
| 70103R  | HARTFORD AT MAIN    | 5                          | 5    | 107                     | 64              |
|         |                     |                            |      | 1.7                     | 0.8             |

MONTH: SEPTEMBER 1974

CITY: WINNIPEG

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
 VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 70104I

| DAY | S.P. | LEAD |
|-----|------|------|
| 5   | 112  | 0.2  |
| 11  | 76   | 1.3  |
| 17  | 141  | 1.4  |
| 23  | 109  | 0.6  |
| 29  | 43   | 0.1  |

| STATION | LOCATION          | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|-------------------|----------------------------|-------------------------|-----------------|
| 70104I  | UNION STOCK YARDS | S.P. 5                     | 141                     | 96              |
|         |                   | LEAD 5                     | 1.4                     | 0.7             |

MONTH: SEPTEMBER 1974

CITY: WINNIPEG

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 70201C

| DAY | S.P. | LEAD |
|-----|------|------|
| 5   | 129  | 0.7  |
| 11  | 36   | 0.2  |
| 17  | 85   | 0.1  |
| 23  | 121  | 0.4  |
| 29  | 56   | 0.1  |

| STATION | LOCATION                 |      | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------------|------|----------------------------|-------------------------|-----------------|
| 70201C  | 11TH ST. & PRINCESS AVE. | S.P. | 5                          | 129                     | 86              |
|         |                          | LEAD | 5                          | 0.7                     | 0.3             |

MONTH: SEPTEMBER 1974

CITY: BRANDON

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

| DAY | STATION 80102R |      | STATION 80108C |      |
|-----|----------------|------|----------------|------|
|     | S.P.           | LEAD | S.P.           | LEAD |
| 5   | 95             | 0.3  | 153            | 0.4  |
| 11  | 41             | 0.3  | 70             | 0.4  |
| 17  | 66             | 0.2  | 102            | 0.5  |
| 23  | 70             | 0.4  | 111            | 0.5  |
| 29  | 31             | 0.4  | 58             | 0.3  |

| STATION | LOCATION           | TOTAL<br>NO. OF<br>SAMPLES |     | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------|----------------------------|-----|-------------------------|-----------------|
|         |                    | S.P.                       |     |                         |                 |
| 80102R  | 3211 ALBERT STREET | 5                          | 95  | 61                      |                 |
|         |                    | LEAD                       | 5   | 0.4                     | 0.3             |
| 80108C  | 12TH AND SMITH     | 5                          | 153 | 98                      |                 |
|         |                    | LEAD                       | 5   | 0.5                     | 0.4             |

MONTH: SEPTEMBER 1974

CITY: REGINA

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

| DAY | STATION 80202C |      | STATION 80203R |      |
|-----|----------------|------|----------------|------|
|     | S.P.           | LEAD | S.P.           | LEAD |
| 5   | 58             | 0.2  | 67             | 0.1  |
| 11  | 175            | 0.5  | 28             | 0.1  |
| 17  | 134            | 0.4  |                |      |
| 23  | 123            | 0.5  | 60             | 0.2  |
| 29  | 66             | 0.2  | 49             | 0.2  |

| STATION | LOCATION          | TOTAL NO. OF SAMPLES |   | MAXIMUM FOR MONTH | MONTHLY MEAN |
|---------|-------------------|----------------------|---|-------------------|--------------|
| 80202C  | CITY LIBRARY      | S.P.                 | 5 | 175               | 111          |
|         |                   | LEAD                 | 5 | 0.5               | 0.4          |
| 80203R  | MOUNT ROYAL LODGE | S.P.                 | 4 | 67                | 51           |
|         |                   | LEAD                 | 4 | 0.2               | 0.1          |

MONTH: SEPTEMBER 1974

CITY: SASKATOON

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
 VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 80301C

| DAY | S.P. | LEAD |
|-----|------|------|
| 5   | 100  | 0.3  |
| 11  | 28   | 0.2  |
| 17  | 170  | 0.5  |
| 23  | 211  | 0.3  |
| 29  | 22   | 0.2  |

| STATION | LOCATION           | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------|----------------------------|-------------------------|-----------------|
| 80301C  | TELEPHONE BUILDING | S.P. 5                     | 211                     | 106             |
|         |                    | LEAD 5                     | 0.5                     | 0.3             |

MONTH: SEPTEMBER 1974

CITY: MOOSE JAW

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 80401C

| DAY | S.P. | LEAD |
|-----|------|------|
| 5   | 66   | 0.2  |
| 11  | 165  | 0.4  |
| 17  | 147  | 0.4  |
| 23  | 87   | 0.5  |
| 29  | 53   | 0.1  |

| STATION | LOCATION            | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|---------------------|----------------------------|-------------------------|-----------------|
| 80401C  | 49-12TH STREET EAST | S.P. 5                     | 165                     | 104             |
|         |                     | LEAD 5                     | 0.5                     | 0.3             |

MONTH: SEPTEMBER 1974

CITY: PRINCE ALBERT

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

|     | STATION 90103R |      | STATION 90121I |      | STATION 90123C |      |
|-----|----------------|------|----------------|------|----------------|------|
| DAY | S.P.           | LEAD | S.P.           | LEAD | S.P.           | LEAD |
| 5   | 20             | 0.1  | 18             | 0.1  | 42             | 0.1  |
| 11  | 33             | 0.1  | 84             | 0.1  | 105            | 0.1  |
| 17  | 85             | 0.1  | 232            | 0.1  | 126            | 0.3  |
| 23  | 95             | 0.1  | 175            | 0.2  | 120            | 0.4  |
| 29  | 25             | 0.1  | 47             | 0.1  | 29             | 0.1  |

| STATION | LOCATION                 |      | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------------|------|----------------------------|-------------------------|-----------------|
| 90103R  | 146TH ST. AND 92ND AVE.  | S.P. | 5                          | 95                      | 52              |
|         |                          | LEAD | 5                          | 0.1                     | 0.1             |
| 90121I  | 17 STREET AND 105 AVENUE | S.P. | 5                          | 232                     | 111             |
|         |                          | LEAD | 5                          | 0.2                     | 0.1             |
| 90123C  | 100 ST. AND 102 AVENUE   | S.P. | 5                          | 126                     | 84              |
|         |                          | LEAD | 5                          | 0.4                     | 0.2             |

MONTH: SEPTEMBER 1974

CITY: EDMONTON

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

|     | STATION 90203R |      | STATION 90204C |      | STATION 90218I |      |
|-----|----------------|------|----------------|------|----------------|------|
| DAY | S.P.           | LEAD | S.P.           | LEAD | S.P.           | LEAD |
| 5   | 38             | 0.1  | 116            | 0.1  | 106            | 0.1  |
| 11  | 85             | 0.1  | 83             | 0.1  | 76             | 0.1  |
| 17  |                |      |                |      |                |      |
| 23  |                |      | 151            | 0.1  | 217            | 0.1  |
| 29  |                |      |                |      | 58             | 0.1  |

| STATION | LOCATION                 |      | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------------|------|----------------------------|-------------------------|-----------------|
| 90203R  | 407-31 AVENUE, N.W.      | S.P. | 2                          | 85                      | 62              |
|         |                          | LEAD | 2                          | 0.1                     | 0.1             |
| 90204C  | 316-7TH AVENUE           | S.P. | 3                          | 151                     | 117             |
|         |                          | LEAD | 3                          | 0.1                     | 0.1             |
| 90218I  | BONNY BRK & 18A ST. S.E. | S.P. | 4                          | 217                     | 114             |
|         |                          | LEAD | 4                          | 0.1                     | 0.1             |

MONTH: SEPTEMBER 1974

CITY: CALGARY

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 90301C

| DAY | S.P. | LEAD |
|-----|------|------|
| 5   | 25   | 0.1  |
| 11  | 42   | 0.1  |
| 17  | 120  | 0.1  |
| 23  | 122  | 0.1  |
| 29  | 35   | 0.1  |

| STATION | LOCATION         | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|------------------|----------------------------|-------------------------|-----------------|
| 90301C  | 4747 50TH STREET | S.P. 5                     | 122                     | 69              |
|         |                  | LEAD 5                     | 0.1                     | 0.1             |

MONTH: SEPTEMBER 1974

CITY: RED DEER

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
 VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 90401C

| DAY | S.P. | LEAD |
|-----|------|------|
| 5   | 59   | 0.1  |
| 11  | 35   | 0.1  |
| 17  | 148  | 0.1  |
| 23  | 81   | 0.1  |
| 29  | 78   | 0.1  |

| STATION | LOCATION               | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|------------------------|----------------------------|-------------------------|-----------------|
| 90401C  | 770 FIRST STREET, S.E. | S.P. 5                     | 148                     | 80              |
|         |                        | LEAD 5                     | 0.1                     | 0.1             |

MONTH: SEPTEMBER 1974

CITY: MEDICINE HAT

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 90501C

| DAY | S.P. | LEAD |
|-----|------|------|
| 5   | 60   | 0.1  |
| 11  | 30   | 0.3  |
| 17  | 81   | 0.1  |
| 23  | 143  | 0.1  |
| 29  | 25   | 0.1  |

| STATION | LOCATION               |      | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|------------------------|------|----------------------------|-------------------------|-----------------|
| 90501C  | 13 ST. AND 9 AVENUE S. | S.P. | 5                          | 143                     | 68              |
|         |                        | LEAD | 5                          | 0.3                     | 0.1             |

MONTH: SEPTEMBER 1974

CITY: LETHBRIDGE

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 99001C

| DAY | S.P. | LEAD |
|-----|------|------|
| 5   | 95   | 0.2  |
| 11  | 153  | 0.2  |
| 17  | 117  | 0.2  |
| 23  | 70   | 0.2  |
| 29  | 84   | 0.2  |

| STATION | LOCATION                | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|-------------------------|----------------------------|-------------------------|-----------------|
| 99001C  | 50TH AVE. & 51ST STREET | S.P. 5                     | 153                     | 104             |
|         |                         | LEAD 5                     | 0.2                     | 0.2             |

MONTH: SEPTEMBER 1974

CITY: YELLOWKNIFE

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

|     | STATION 00102R |      | STATION 00104R |      | STATION 00105C |      |
|-----|----------------|------|----------------|------|----------------|------|
| DAY | S.P.           | LEAD | S.P.           | LEAD | S.P.           | LEAD |
| 5   | 79             | 1.0  | 69             | 0.7  |                |      |
| 11  | 103            | 1.6  | 48             | 2.1  | 74             | 0.6  |
| 17  | 187            | 2.2  | 114            | 2.2  | 119            | 1.2  |
| 23  | 193            | 2.6  | 98             | 2.1  | 121            | 1.9  |
| 29  | 75             | 1.6  | 47             | 1.0  | 56             | 0.5  |

| STATION | LOCATION                 |      | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------------|------|----------------------------|-------------------------|-----------------|
| 00102R  | 100 RICHMOND STREET      | S.P. | 5                          | 193                     | 128             |
|         |                          | LEAD | 5                          | 2.6                     | 1.8             |
| 00104R  | 27TH AND ONTARIO         | S.P. | 5                          | 114                     | 75              |
|         |                          | LEAD | 5                          | 2.2                     | 1.6             |
| 00105C  | 739 WEST HASTINGS STREET | S.P. | 4                          | 121                     | 92              |
|         |                          | LEAD | 4                          | 1.9                     | 1.1             |

MONTH: SEPTEMBER 1974

CITY: VANCOUVER

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
 VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

| DAY | STATION 00106R |      | STATION 00108I |      |
|-----|----------------|------|----------------|------|
|     | S.P.           | LEAD | S.P.           | LEAD |
| 5   | 68             | 0.7  | 75             | 0.7  |
| 11  | 59             | 2.5  | 67             | 1.2  |
| 17  | 114            | 2.5  | 141            | 2.3  |
| 23  | 94             | 1.7  | 154            | 2.4  |
| 29  | 62             | 1.1  | 47             | 1.1  |

| STATION | LOCATION              | TOTAL             |   | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|-----------------------|-------------------|---|-------------------------|-----------------|
|         |                       | NO. OF<br>SAMPLES |   |                         |                 |
| 00106R  | 2294 WEST 10TH AVENUE | S.P.              | 5 | 114                     | 79              |
|         |                       | LEAD              | 5 | 2.5                     | 1.7             |
| 00108I  | 250 WEST 70TH AVENUE  | S.P.              | 5 | 154                     | 97              |
|         |                       | LEAD              | 5 | 2.4                     | 1.5             |

MONTH: SEPTEMBER 1974

CITY: VANCOUVER

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
 VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 00201C

| DAY | S.P. | LEAD |
|-----|------|------|
| 5   | 49   | 0.6  |
| 11  | 148  | 0.9  |
| 17  | 128  | 1.0  |
| 23  | 257  | 1.6  |
| 29  |      |      |

| STATION | LOCATION    | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|-------------|----------------------------|-------------------------|-----------------|
| 00201C  | POST OFFICE | S.P. 4                     | 257                     | 146             |
|         |             | LEAD 4                     | 1.6                     | 1.0             |

MONTH: SEPTEMBER 1974

CITY: PRINCE GEORGE

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
 VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 00301C

| DAY | S.P. | LEAD |
|-----|------|------|
| 5   | 29   | 0.6  |
| 11  | 65   | 1.3  |
| 17  | 98   | 2.0  |
| 23  | 130  | 2.4  |
| 29  |      |      |

| STATION | LOCATION                 | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|--------------------------|----------------------------|-------------------------|-----------------|
| 00301C  | POLICE STATION, FISGUARD | S.P. 4                     | 130                     | 81              |
|         |                          | LEAD 4                     | 2.4                     | 1.6             |

MONTH: SEPTEMBER 1974

CITY: VICTORIA

SUMMARY OF SUSPENDED PARTICULATES AND LEAD  
 VALEURS CONDENSEES DES PARTICULES EN SUSPENSION (PB INCLUS)

## STATION 09001C

| DAY | S.P. | LEAD |
|-----|------|------|
| 5   | 199  | 0.5  |
| 11  | 239  | 0.2  |
| 17  | 92   | 0.2  |
| 23  | 85   | 0.2  |
| 29  |      |      |

| STATION | LOCATION         | TOTAL<br>NO. OF<br>SAMPLES | MAXIMUM<br>FOR<br>MONTH | MONTHLY<br>MEAN |
|---------|------------------|----------------------------|-------------------------|-----------------|
| 09001C  | FEDERAL BUILDING | S.P. 4                     | 239                     | 154             |
|         |                  | LEAD 4                     | 0.5                     | 0.3             |

MONTH: SEPTEMBER 1974

CITY: WHITEHORSE

**DUSTFALL**

Dustfall comprises the larger size particulates which settle out under the influence of gravity. It is measured by exposing open top vessels of specified dimensions for a period of 30 days. The total dustfall is weighed. Dustfall results are expressed in units of tons per square mile per month.

**RETOMBÉES DE POUSSIÈRES**

Cette catégorie comprend les particules trop grosses pour demeurer en suspension dans l'atmosphère; on les capte dans des récipients de dimensions déterminées, gardés ouverts au sommet pendant 30 jours. Les poussières recueillies sont pesées. Les résultats sont exprimés en tonnes par mille carré par mois.

**SULFATION RATE**

The sulfation rate is measured by exposing lead peroxide candles or plates of specified surface area to the ambient air for a 30 day period. The candles or plates react with the sulfur compounds in the atmosphere producing lead sulfate. Results are expressed as milligrams of  $\text{SO}_3$  per  $100 \text{ cm}^2$  per day.

**INDICE DE FORMATION DE SULFATE**

L'indice de formation de sulfate est mesuré par l'exposition à l'air ambiant, pendant une période de 30 jours, de bougies ou de plaques de peroxyde de plomb de surface déterminée. Celles-ci réagissent avec les composés de soufre de l'atmosphère pour produire du sulfate de plomb. Les résultats sont exprimés en milligrammes de  $\text{SO}_3$  par  $100 \text{ cm}^2$  et par jour.

## STATIONS MEASURING DUSTFALL

STATIONS MESURANT LES RETOMBÉES DE POUSSIÈRES ATMOSPHÉRIQUE

\* DENOTES STATIONS MEASURING SULFATION RATE (\*\* HUEY PLATE )

SIGNIFIE STATIONS MESURANT L'INDICE DE FORMATION DE SULFATE

|       |     |    |           |                          |
|-------|-----|----|-----------|--------------------------|
| 30301 | R** | 12 | SYDNEY    | MURPHY ROAD              |
| 30302 | I** | 12 | SYDNEY    | SYDNEY STEEL CORPORATION |
| 30309 | I** | 12 | SYDNEY    | PT EDWARD, RICHMOND PLST |
| 30310 | C** | 12 | SYDNEY    | CCUNTY JAIL              |
| 30311 | R** | 12 | SYDNEY    | WHITNEY PIER FIRE STN.   |
| 30401 | R** | 12 | GLACE BAY | LAKE ROAD                |
| 30405 | C** | 12 | GLACE BAY | GENERAL HOSPITAL         |
| 30406 | R** | 12 | GLACE BAY | PUMPING STATION ROAD     |
| 50101 | R*  | 15 | MONTREAL  | JARRY PARK               |
| 50102 | R*  | 10 | MONTREAL  | BOTANICAL GARDENS        |
| 50103 | R*  | 14 | MONTREAL  | POINTE AUX TREMBLES      |
| 50106 | R*  | 10 | MONTREAL  | VILLE ST. LAURENT        |
| 50107 | R*  | 12 | MONTREAL  | VILLE LASALLE            |
| 50201 | C   | 35 | HULL      | RUE PRINCIPALE           |
| 60101 | C   | 55 | OTTAWA    | SLATER AND ELGIN         |
| 60102 | R   | 5  | OTTAWA    | EXPERIMENTAL FARM        |
| 60103 | C   | 45 | OTTAWA    | GILMCUR STREET           |
| 60201 | I   | 12 | WINDSOR   | MORTON TERMINAL DOCK     |
| 60202 | C   | 50 | WINDSOR   | CITY HALL                |
| 60203 | R   | 6  | WINDSOR   | TECUMSEH WATER WORKS     |
| 60206 | R   | 10 | WINDSOR   | 3120 DOUGALL AVENUE      |

|       |     |    |                  |                          |
|-------|-----|----|------------------|--------------------------|
| 60209 | R   | 6  | WINDSOR          | E. C. ROWE AND JEFFERSON |
| 60401 | C*  | 55 | TORONTO          | 67 COLLEGE STREET        |
| 60403 | I*  | 4  | TORONTO          | EVANS AND ARNOLD         |
| 60404 | R*  | 15 | TORONTO          | 5126 YONGE STREET        |
| 60405 | I*  | 17 | TORONTO          | JOHN STREET PUMP STATION |
| 60406 | R*  | 14 | TORONTO          | ROSEHILL RESERVOIR       |
| 60408 | C*  | 15 | TORONTO          | DANFORTH AND ROBINSON    |
| 60501 | C*  | 12 | HAMILTON         | BARTON AND SANFORD       |
| 60502 | I*  | 15 | HAMILTON         | BURLINGTON & GAGE        |
| 60503 | I*  | 18 | HAMILTON         | CHATHAM AND FRID         |
| 60507 | C*  | 33 | HAMILTON         | HUGHSON AND HUNTER       |
| 60510 | I*  | 15 | HAMILTON         | STRATHEARN               |
| 60701 | C*  | 40 | SAULT STE. MARIE | PROV ONTARIO BUILDING    |
| 60702 | R*  | 15 | SAULT STE. MARIE | ANNA MCREA PUBLIC SCHOOL |
| 60703 | I*  | 20 | SAULT STE. MARIE | BAYVIEW AND YONGE        |
| 60801 | C*  | 40 | THUNDER BAY      | 14 ALGOMA STREET         |
| 60802 | I*  | 5  | THUNDER BAY      | 185 GORE STREET          |
| 60805 | C*  | 18 | THUNDER BAY      | 521 MEMORIAL AVENUE      |
| 60901 | C*  | 13 | LONDON           | KING AND RECTORY         |
| 61001 | C*  | 12 | SARNIA           | 156 VICTORIA STREET      |
| 61002 | R*  | 15 | SARNIA           | YACHT CLUB               |
| 61003 | R*  | 10 | SARNIA           | LAMBTON COLLEGE          |
| 70105 | R** | 15 | WINNIPEG         | MARTIN AND HENDERSON HWY |
| 70110 | C   | 14 | WINNIPEG         | KENNEDY AND ST. MARY'S   |
| 70113 | I** | 10 | WINNIPEG         | WINDERMERE AND ROCKMAN   |
| 70115 | C** | 18 | WINNIPEG         | PORTAGE AND MINTO        |
| 70116 | I** | 11 | WINNIPEG         | SMITH AND KING           |

|       |     |    |          |                          |
|-------|-----|----|----------|--------------------------|
| 90114 | C** | 20 | EDMONTON | 109 STREET AND 98 AVENUE |
| 90125 | C** | 8  | EDMONTON | PRINS ELIZABETH & 108 ST |
| 90126 | R** | 12 | EDMONTON | 77 AVENUE & 85 STREET    |
| 90127 | I** | 6  | EDMONTON | 115 AVENUE & 159 STREET  |
| 90128 | R** | 10 | EDMONTON | 99 AVENUE & 160 STREET   |
| 90129 | I** | 5  | EDMONTON | 101 AVENUE & 17 STREET   |
| 90219 | C** | 30 | CALGARY  | 620-7TH AVENUE, S.W.     |
| 90221 | R** | 6  | CALGARY  | DALHOUSIE DR & DALHAM DR |
| 90223 | C** | 7  | CALGARY  | 11 ST. AND 38 AVE. S.E.  |
| 90224 | I** | 6  | CALGARY  | OGDENDALE & 71 AVE S.E.  |
| 90225 | R** | 12 | CALGARY  | PALLISER DR & OAKWOOD SW |
| 90226 | I** | 12 | CALGARY  | SHEPPARD & 84 AVE S.E.   |

SUMMARY OF DUSTFALL AND SULFATION RATES  
 RETOMBEES DE POUSSIERES ET INDICES DE FORMATION DE SULFATE

| STATION | LOCATION                 | DUSTFALL | SO3 |
|---------|--------------------------|----------|-----|
| 30301R  | MURPHY ROAD              | 8.6      |     |
| 30302I  | SYDNEY STEEL CORPORATION | 26.0     | 4.7 |
| 30309I  | PT EDWARD, RICHMOND PLST | 32.0     | 0.5 |
| 30310C  | COUNTY JAIL              | 31.7     | 1.0 |
| 30311R  | WHITNEY PIER FIRE STN.   | 235.3    | 1.3 |

|         |       |     |
|---------|-------|-----|
| MAXIMUM | 235.3 | 4.7 |
| MINIMUM | 8.6   | 0.5 |
| MEAN    | 66.7  | 1.9 |

MONTH: SEPTEMBER 1974

CITY: SYDNEY

SUMMARY OF DUSTFALL AND SULFATION RATES  
RETOMBEES DE POUSSIÈRES ET INDICES DE FORMATION DE SULFATE

| STATION | LOCATION             | DUSTFALL | SO3 |
|---------|----------------------|----------|-----|
| 30401R  | LAKE ROAD            | 30.5     |     |
| 30405C  | GENERAL HOSPITAL     |          |     |
| 30406R  | PUMPING STATION ROAD | 30.8     | 0.3 |

|         |      |     |
|---------|------|-----|
| MAXIMUM | 30.8 | 0.3 |
| MINIMUM | 30.5 | 0.3 |
| MEAN    | 30.7 | 0.3 |

MONTH: SEPTEMBER 1974

CITY: GLACE BAY

SUMMARY OF DUSTFALL AND SULFATION RATES  
RETOMBEES DE POUSSIÈRES ET INDICES DE FORMATION DE SULFATE

| STATION | LOCATION            | DUSTFALL | SC3 |
|---------|---------------------|----------|-----|
| 50101R  | JARRY PARK          | 72.0     |     |
| 50102R  | BOTANICAL GARDENS   | 25.0     |     |
| 50103R  | POINTE AUX TREMBLES |          |     |
| 50106R  | VILLE ST. LAURENT   | 20.0     |     |
| 50107R  | VILLE LASALLE       | 126.0    |     |

|         |       |
|---------|-------|
| MAXIMUM | 126.0 |
| MINIMUM | 20.0  |
| MEAN    | 60.8  |

MONTH: SEPTEMBER 1974

CITY: MONTREAL

SUMMARY OF DUSTFALL AND SULFATION RATES  
RETOMBEES DE POUSSIERES ET INDICES DE FORMATION DE SULFATE

| STATION | LOCATION       | DUSTFALL | SO3 |
|---------|----------------|----------|-----|
| 50201C  | RUE PRINCIPALE | 14.5     |     |

MAXIMUM 14.5

MINIMUM 14.5

MEAN 14.5

MONTH: SEPTEMBER 1974

CITY: HULL

SUMMARY OF DUSTFALL AND SULFATION RATES  
RETOMBEES DE POUSSIÈRES ET INDICES DE FORMATION DE SULFATE

| STATION | LOCATION          | DUSTFALL | SO3 |
|---------|-------------------|----------|-----|
| 60101C  | SLATER AND ELGIN  | 15.1     |     |
| 60102R  | EXPERIMENTAL FARM | 1.2      |     |
| 60103C  | GILMOUR STREET    | 12.5     |     |

|         |      |
|---------|------|
| MAXIMUM | 15.1 |
| MINIMUM | 1.2  |
| MEAN    | 9.6  |

MONTH: SEPTEMBER 1974

CITY: OTTAWA

SUMMARY OF DUSTFALL AND SULFATION RATES  
RETOMBEES DE POUSSIERES ET INDICES DE FORMATION DE SULFATE

| STATION | LOCATION                 | DUSTFALL | SO3 |
|---------|--------------------------|----------|-----|
| 60201I  | MORTON TERMINAL DOCK     | 10.0     |     |
| 60202C  | CITY HALL                | 23.3     |     |
| 60203R  | TECUMSEH WATER WORKS     | 5.4      |     |
| 60206R  | 3120 DOUGALL AVENUE      | 7.1      |     |
| 60209R  | E. C. ROWE AND JEFFERSON | 9.5      |     |

|         |      |
|---------|------|
| MAXIMUM | 23.3 |
| MINIMUM | 5.4  |
| MEAN    | 11.1 |

MONTH: SEPTEMBER 1974

CITY: WINDSOR

SUMMARY OF DUSTFALL AND SULFATION RATES  
RETOMBEES DE POUSSIÈRES ET INDICES DE FORMATION DE SULFATE

| STATION | LOCATION                 | DUSTFALL | SO3 |
|---------|--------------------------|----------|-----|
| 60401C  | 67 COLLEGE STREET        | 17.0     | 0.3 |
| 60403I  | EVANS AND ARNOLD         | 9.0      | 0.2 |
| 60404R  | 5126 YONGE STREET        |          | 0.2 |
| 60405I  | JOHN STREET PUMP STATION | 37.0     | 0.2 |
| 60406R  | ROSEHILL RESERVOIR       | 11.0     | 0.2 |
| 60408C  | DANFORTH AND ROBINSON    | 20.0     | 0.2 |

|         |      |     |
|---------|------|-----|
| MAXIMUM | 37.0 | 0.3 |
| MINIMUM | 9.0  | 0.2 |
| MEAN    | 18.8 | 0.2 |

MONTH: SEPTEMBER 1974

CITY: TORONTO

SUMMARY OF DUSTFALL AND SULFATION RATES  
 RETOMBÉES DE POUSSIÈRES ET INDICES DE FORMATION DE SULFATE

| STATION | LOCATION           | DUSTFALL | SO3 |
|---------|--------------------|----------|-----|
| 60501C  | BARTON AND SANFORD | 17.0     | 0.4 |
| 60502I  | BURLINGTON & GAGE  | 34.0     | 0.6 |
| 60503I  | CHATHAM AND FRID   | 27.0     | 0.3 |
| 60507C  | HUGHSON AND HUNTER | 13.0     |     |
| 60510I  | STRATHEARN         | 42.0     | 0.8 |

|         |      |     |
|---------|------|-----|
| MAXIMUM | 42.0 | 0.8 |
| MINIMUM | 13.0 | 0.3 |
| MEAN    | 26.6 | 0.5 |

MONTH: SEPTEMBER 1974

CITY: HAMILTON

SUMMARY OF DUSTFALL AND SULFATION RATES  
RETOMBEES DE POUSSIERES ET INDICES DE FORMATION DE SULFATE

| STATION | LOCATION                 | DUSTFALL | SO3 |
|---------|--------------------------|----------|-----|
| 60701C  | PROV ONTARIO BUILDING    | 15.0     | 0.2 |
| 60702R  | ANNA MCREA PUBLIC SCHOOL | 4.0      |     |
| 60703I  | BAYVIEW AND YONGE        | 26.0     | 0.2 |

|         |      |     |
|---------|------|-----|
| MAXIMUM | 26.0 | 0.2 |
| MINIMUM | 4.0  | 0.2 |
| MEAN    | 15.0 | 0.2 |

MONTH: SEPTEMBER 1974

CITY: SAULT STE. MARIE

SUMMARY OF DUSTFALL AND SULFATION RATES  
RETOMBEES DE POUSSIERES ET INDICES DE FORMATION DE SULFATE

| STATION | LOCATION            | DUSTFALL | SO3 |
|---------|---------------------|----------|-----|
| 60801C  | 14 ALGOMA STREET    | 15.0     | 0.1 |
| 60802I  | 185 GORE STREET     | 8.0      | 0.0 |
| 60805C  | 521 MEMORIAL AVENUE | 13.0     | 0.1 |

|         |      |     |
|---------|------|-----|
| MAXIMUM | 15.0 | 0.1 |
| MINIMUM | 8.0  | 0.0 |
| MEAN    | 12.0 | 0.1 |

MONTH: SEPTEMBER 1974

CITY: THUNDER BAY

SUMMARY OF DUSTFALL AND SULFATION RATES  
RETOMBEES DE POUSSIERES ET INDICES DE FORMATION DE SULFATE

| STATION | LOCATION         | DUSTFALL | SO3 |
|---------|------------------|----------|-----|
| 60901C  | KING AND RECTORY | 12.0     | 0.2 |

|         |      |     |
|---------|------|-----|
| MAXIMUM | 12.0 | 0.2 |
| MINIMUM | 12.0 | 0.2 |
| MEAN    | 12.0 | 0.2 |

MONTH: SEPTEMBER 1974

CITY: LONDON

SUMMARY OF DUSTFALL AND SULFATION RATES  
RETOMBEES DE POUSSIÈRES ET INDICES DE FORMATION DE SULFATE

| STATION | LOCATION            | DUSTFALL | SC3 |
|---------|---------------------|----------|-----|
| 61001C  | 156 VICTORIA STREET | 9.0      | 1.0 |
| 61002R  | YACHT CLUB          |          | 0.3 |
| 61003R  | LAMBTON COLLEGE     |          | 0.5 |

|         |     |     |
|---------|-----|-----|
| MAXIMUM | 9.0 | 1.0 |
| MINIMUM | 9.0 | 0.3 |
| MEAN    | 9.0 | 0.6 |

MONTH: SEPTEMBER 1974

CITY: SARNIA

SUMMARY OF DUSTFALL AND SULFATION RATES  
RETOMBEES DE POUSSIERES ET INDICES DE FORMATION DE SULFATE

| STATION | LOCATION                 | DUSTFALL | SO3 |
|---------|--------------------------|----------|-----|
| 70105R  | MARTIN AND HENDERSON HWY | 20.1     |     |
| 70110C  | KENNEDY AND ST. MARY'S   | 41.2     |     |
| 70113I  | WINDERMERE AND ROCKMAN   |          |     |
| 70115C  | PORTAGE AND MINTO        | 36.0     |     |
| 70116I  | SMITH AND KING           | 56.4     |     |

|         |      |
|---------|------|
| MAXIMUM | 56.4 |
| MINIMUM | 20.1 |
| MEAN    | 38.4 |

MONTH: SEPTEMBER 1974

CITY: WINNIPEG

SUMMARY OF DUSTFALL AND SULFATION RATES  
 RETOMBEES DE POUSSIÈRES ET INDICES DE FORMATION DE SULFATE

| STATION | LOCATION                 | DUSTFALL | SO3 |
|---------|--------------------------|----------|-----|
| 90114C  | 109 STREET AND 98 AVENUE | 19.5     | 0.2 |
| 90125C  | PRINS ELIZABETH & 108 ST |          | 0.2 |
| 90126R  | 77 AVENUE & 85 STREET    |          |     |
| 90127I  | 115 AVENUE & 159 STREET  | 15.6     | 0.2 |
| 90128R  | 99 AVENUE & 160 STREET   | 12.3     | 0.1 |
| 90129I  | 101 AVENUE & 17 STREET   | 38.2     | 0.3 |

|         |      |     |
|---------|------|-----|
| MAXIMUM | 38.2 | 0.3 |
| MINIMUM | 12.3 | 0.1 |
| MEAN    | 21.4 | 0.2 |

MONTH: SEPTEMBER 1974

CITY: EDMONTON

SUMMARY OF DUSTFALL AND SULFATION RATES  
 RETOMBÉES DE POUSSIÈRES ET INDICES DE FORMATION DE SULFATE

| STATION | LOCATION                 | DUSTFALL | SO3 |
|---------|--------------------------|----------|-----|
| 90219C  | 620-7TH AVENUE, S.W.     | 17.4     |     |
| 90221R  | DALHOUSIE DR & DALHAM DR | 21.0     | 0.2 |
| 90223C  | 11 ST. AND 38 AVE. S.E.  | 18.7     | 0.2 |
| 90224I  | OGDENDALE & 71 AVE S.E.  | 67.8     | 0.2 |
| 90225R  | PALLISER DR & OAKWOOD SW | 4.5      | 0.1 |
| 90226I  | SHEPPARD & 84 AVE S.E.   |          |     |

|         |      |     |
|---------|------|-----|
| MAXIMUM | 67.8 | 0.2 |
| MINIMUM | 4.5  | 0.1 |
| MEAN    | 25.9 | 0.2 |

MONTH: SEPTEMBER 1974

CITY: CALGARY

