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Monthly Summary March 1974

National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

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Surveillance Report
EPS 5-AP-75-3

Air Pollution Control Directorate
July 1975

Rapport de surveillance
EPS 5-AP-75-3

Direction générale de la lutte contre la pollution atmosphérique
juillet 1975

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ENVIRONMENTAL PROTECTION SERVICE REPORT SERIES

Surveillance Reports present the results of monitoring programs carried out by or for the Environmental Protection Service. Some of these reports will be published on a regular basis.

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Les rapports sur la surveillance font état des programmes de contrôle réalisés par le Service de la protection de l'environnement. Certains de ces rapports font l'objet d'une publication régulière.

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Prière d'envoyer toute demande de renseignements ayant trait aux rapports du Service à l'adresse suivante: Service de la protection de l'environnement, Ministère de l'Environnement, Ottawa K1A 0H3, Ontario, Canada.

NATIONAL AIR POLLUTION SURVEILLANCE MONTHLY SUMMARY FOR MARCH 1974

SURVEILLANCE NATIONALE DE LA POLLUTION ATMOSPHÉRIQUE EXTRAIT MENSUEL MARS 1974

Report EPS 5-AP-75-3 Rapport

July 1975 juillet

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:

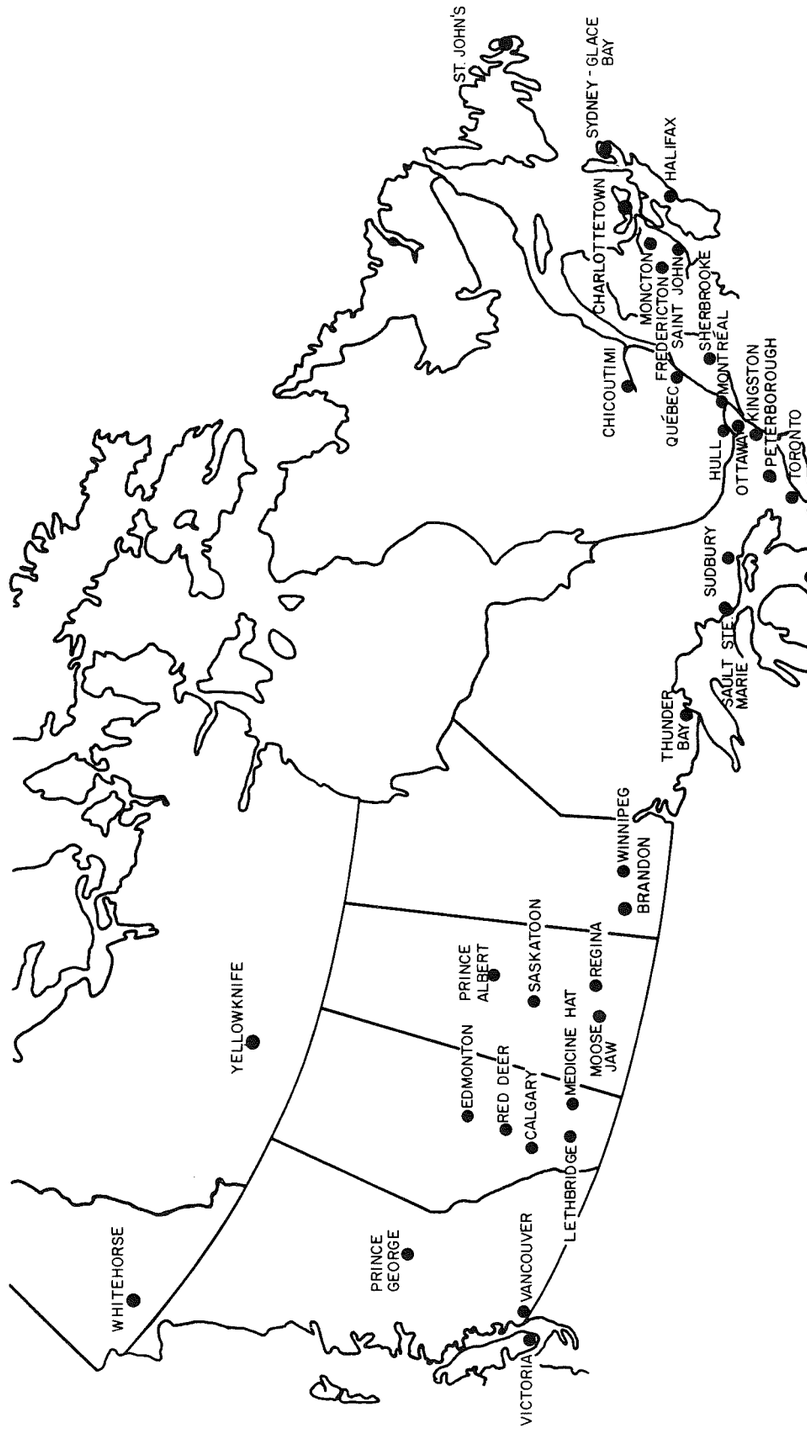
LE RÉSEAU NATIONAL DE SURVEILLANCE DE LA POLLUTION ATMOSPHÉRIQUE

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

St. John's
Charlottetown
Halifax
Sydney
Glace Bay
Fredericton
Saint John
Moncton
Montréal
Hull
Québec
Sherbrooke
Chicoutimi
Ottawa

Windsor
Kingston
Toronto
Hamilton
Sudbury
Sault Ste. Marie
Thunder Bay
London
Sarnia
Peterborough
Winnipeg
Brandon
Regina

Saskatoon
Moose Jaw
Prince Albert
Edmonton
Calgary
Red Deer
Medicine Hat
Lethbridge
Vancouver
Prince George
Victoria
Yellowknife
Whitehorse



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'accroit 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 prudent 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'éffectue 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
30310	C,F,COU	13	SYDNEY	COUNTY JAIL
30311	R,F,COU	15	SYDNEY	WHITNEY PIER FIRE STN.
40201	C,F,COU	60	SAINT JOHN	110 CHARLOTTE STREET
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
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 LIMOILOU
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,COL	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	20	WINNIPEG	KENNEDY ST. & YORK AVE.
70102	R,F,COU	25	WINNIPEG	PORTAGE AT WOODLAWN
70103	R,F,COU	30	WINNIPEG	HARTFORD AT MAIN
70104	I,F,COU	52	WINNIPEG	UNION STOCK YARDS
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.
90220	R,F,COU	35	CALGARY	26 AVE. & 4 STREET, 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 SAMPLES	MAX	MEAN
1			
2			
3			
4			
5			
6	2	0	0.0
7	11	0	0.0
8			
9			
10			
11			
12			
13			
14			
15			
16			
17	20	0	0.0
18	21	1	0.5
19	21	2	0.8
20	22	1	0.3
21	22	2	0.8
22	22	2	1.0
23	22	2	0.3
24	22	2	0.5
25	21	1	0.2
26	21	2	0.8
27	22	1	0.2
28	22	1	0.3
29	22	1	0.6
30	22	3	1.2
31	22	2	0.8

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
20101C	KENT AND QUEEN	337	3	0.5

MONTH: MARCH 1974 CITY: CHARLOTTETOWN

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

	STATION 30101C			STATION 30114R			STATION 30115I		
DAY	NO. OF SAMPLES	MAX	MEAN	NO. OF SAMPLES	MAX	MEAN	NO. OF SAMPLES	MAX	MEAN
1	22	9	1.8	19	1	0.7	24	2	0.2
2	21	6	3.2	19	1	0.5	24	6	0.7
3	22	3	1.1	22	1	0.1	24	9	2.2
4	21	4	1.5	22	2	0.3	24	2	0.1
5	22	11	2.9	22	2	0.5	24	3	0.2
6	22	14	4.9	22	2	0.3	24	3	0.8
7	21	4	2.2	22	2	0.4	24	2	0.1
8	22	6	3.4	22	0	0.0	24	8	2.8
9	21	8	4.0	22	1	0.1	24	1	0.6
10	22	4	1.6	22	2	0.2	24	13	1.1
11	22	10	4.0	22	0	0.0	21	10	3.4
12	21	14	8.3	22	0	0.0	24	7	2.4
13	22	15	9.9	22	4	0.4	24	5	1.4
14	21	17	8.0	22	0	0.0	24	5	2.0
15	22	17	6.0	22	1	0.0	23	3	1.0
16	22	12	3.8	22	4	0.5	24	3	0.7
17	21	4	1.4	22	1	0.2	24	19	2.8
18	22	3	1.6	22	3	0.5	23	1	0.1
19	21	11	3.6	22	1	0.2	24	2	0.3
20	22	12	5.3	22	4	0.5	23	4	1.5
21	22	4	1.1	22	4	1.1	24	4	0.8
22	21	11	5.9	22	3	0.3	24	2	0.3
23	22	7	1.9	22	4	0.4	24	3	0.4
24	21	10	1.9	22	1	0.1	24	13	2.1
25	22	13	8.0	22	1	0.0	23	4	1.4
26	22	11	3.0	22	3	0.4	24	4	0.8
27	21	9	4.9	22	1	0.0	17	3	0.8
28	22	11	4.2	22	0	0.0	13	6	2.6
29	21	6	2.4	22	1	0.0	24	7	2.3
30	22	17	3.6	22	4	0.6	24	3	0.9
31	21	24	12.1	22	7	1.6	23	1	0.0

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
30101C	N.S. TECHNICAL COLLEGE	669	24	4.1
30114R	MT ST VINCENT UNIVERSITY	676	7	0.3
30115I	CFB SHEARWATER	718	19	1.2

MONTH: MARCH 1974 CITY: HALIFAX

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

DAY	STATION 30310C NO. OF SAMPLES	MAX	MEAN	STATION 30311R NO. OF SAMPLES	MAX	MEAN
1				20	4	1.5
2				20	2	1.1
3				20	2	0.7
4				20	6	2.3
5				20	7	3.2
6				20	18	4.0
7				20	9	4.3
8				20	0	0.0
9				20	0	0.0
10				20	4	1.1
11				20	0	0.0
12				20	0	0.0
13				20	13	6.6
14				20	11	1.7
15	11	3	1.2	20	6	1.2
16	24	3	1.5	20	8	2.8
17	24	1	0.4	19	2	0.4
18	24	1	0.1	20	5	2.5
19	24	0	0.0	20	8	3.4
20	24	1	0.2	20	5	1.1
21	24	2	0.8	20	5	1.2
22	24	5	0.7	20	11	2.8
23	24	13	3.8	20	10	3.9
24	24	9	3.2	2	2	2.0
25	10	1	0.3			
26				13	6	3.1
27				18	2	0.4
28						
29						
30						
31						

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
30310C	COUNTY JAIL	237	13	1.1
30311R	WHITNEY PIER FIRE STN.	492	18	1.9

MONTH: MARCH 1974 CITY: SYDNEY

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

DAY	STATION 40201C NO. OF SAMPLES	MAX	MEAN	STATION 40202C NO. OF SAMPLES	MAX	MEAN
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14	DISCONTINUED			NO DATA AVAILABLE		
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
40201C	110 CHARLOTTE STREET			
40202C	POST OFFICE			

MONTH: MARCH 1974 CITY: SAINT JOHN

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

	STATION 50101R			STATION 50102R			STATION 50103R		
DAY	NO. OF SAMPLES	MAX	MEAN	NO. OF SAMPLES	MAX	MEAN	NO. OF SAMPLES	MAX	MEAN
1	24	2	1.0	24	3	1.5	22	25	7.5
2	24	3	1.3	24	4	1.6	22	2	1.0
3	24	3	1.7	24	3	2.0	22	3	1.0
4	24	3	1.3	15	3	2.3	22	28	8.3
5	24	2	1.1	24	5	2.5	22	20	7.1
6	24	1	1.0	24	3	1.5	21	24	15.5
7	24	2	1.1	24	3	1.7	22	28	7.5
8	24	2	1.0	24	3	1.6	22	7	1.5
9	24	3	1.9	24	4	2.4	22	1	0.2
10	24	2	1.5	24	3	1.8	22	4	1.0
11	24	2	1.3	16	4	2.7			
12	24	2	1.3	24	6	3.1	22	2	0.3
13	24	3	1.4	24	6	3.5	22	5	1.5
14	24	3	1.4	24	3	2.0	22	17	4.0
15	24	3	1.6	24	3	1.5	13	18	4.3
16	24	3	1.7	24	2	1.5			
17	24	2	1.2	24	2	1.3			
18	24	2	1.3						
19	24	3	1.8	24	6	3.9	22	20	5.9
20				24	3	1.9	22	12	3.9
21	24	2	1.4	24	4	2.1	22	9	1.6
22	24	2	1.1	24	5	2.3	22	36	16.5
23	24	2	1.6	22	6	3.1	22	22	4.5
24	24	2	1.4				22	19	6.2
25	24	2	1.1				22	13	6.0
26	24	2	1.5				22	14	4.0
27	24	2	1.1	24	7	4.5			
28	24	2	1.2	24	4	2.3	22	6	1.4
29	24	2	1.7	24	3	1.5	13	6	3.2
30	24	3	1.6	24	6	2.2	22	5	1.0
31	24	3	1.3	24	2	1.0	22	3	0.6

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
50101R	JARRY PARK	720	3	1.4
50102R	BOTANICAL GARDENS	629	7	2.2
50103R	POINTE AUX TREMBLES	553	36	4.4

MONTH: MARCH 1974 CITY: MONTREAL

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

	STATION 50104C			STATION 50105C			STATION 50106R		
DAY	NO. OF SAMPLES	MAX	MEAN	NO. OF SAMPLES	MAX	MEAN	NO. OF SAMPLES	MAX	MEAN
1	22	4	2.8	12	10	7.7			
2	22	6	2.3	12	13	8.6			
3	22	3	2.2	11	15	8.5			
4	22	7	2.4	12	7	4.8			
5	22	8	3.3	12	15	7.4			
6	22	7	3.6	5	9	6.8			
7	22	9	3.5	7	5	1.9			
8	22	4	2.5	12	9	5.8			
9	22	3	1.8	12	9	6.7			
10	22	4	2.2	11	11	7.4			
11	22	4	2.7	12	12	8.3			
12	22	3	2.1	12	13	10.3			
13	22	3	2.0	11	12	7.8			
14	22	4	2.5	11	12	8.4	NO DATA		
15	22	8	4.8	12	16	9.9			
16	22	6	1.5	12	14	7.3	AVAILABLE		
17	22	1	0.1	11	10	5.0			
18	22	4	1.8	12	9	6.4			
19	22	3	2.4	12	10	7.6			
20	22	8	3.3	11	21	9.6			
21	22	4	1.9	12	14	10.5			
22	22	4	2.5	12	10	5.7			
23	20	9	4.3	12	9	5.8			
24	22	4	1.6	12	12	5.6			
25	22	6	2.9	10	9	7.0			
26	22	14	4.7	12	12	8.6			
27	22	6	3.8	10	17	9.4			
28	22	11	3.5	12	16	10.1			
29	22	15	4.8	11	18	11.3			
30	22	4	1.8	12	18	9.7			
31	22	3	1.4	11	14	10.3			

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
50104C	1125 ONTARIO, EAST	680	15	2.7
50105C	1212 DRUMMOND	348	21	7.8
50106R	VILLE ST. LAURENT			

MONTH: MARCH 1974 CITY: MONTREAL

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

STATION 50109C

DAY	NO. OF SAMPLES	MAX	MEAN
1			
2			
3			
4			
5			
6			
7	22	2	0.6
8	22	2	1.4
9	22	3	1.1
10	22	2	0.2
11	22	2	0.6
12	22	2	1.0
13	22	2	0.3
14	22	1	0.5
15	22	4	1.9
16	22	4	1.8
17	22	3	0.5
18	22	1	0.2
19	22	2	1.0
20	22	2	1.0
21	22	3	1.5
22	22	2	0.5
23	22	3	2.0
24	22	2	0.7
25	22	3	0.8
26	22	4	1.7
27	22	3	1.4
28	21	4	2.2
29			
30			
31			

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
50109C	DUNCAN AND DECARIE	483	4	1.0

MONTH: MARCH 1974 CITY: MONTREAL

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

STATION 50201C

DAY	NO. OF SAMPLES	MAX	MEAN
1	12	2	1.2
2			
3			
4			
5	10	2	0.2
6	22	2	0.8
7	22	2	0.7
8	22	1	0.1
9	22	7	3.5
10	23	1	0.6
11	22	1	0.5
12	22	1	0.0
13	22	1	0.7
14	22	2	1.0
15	22	7	1.5
16	23	7	2.7
17	22	1	0.0
18	11	2	0.9
19	22	1	0.5
20	22	3	1.1
21	22	7	1.7
22	23	1	0.4
23	22	3	1.0
24	22	1	0.2
25	22	2	0.7
26	22	6	2.0
27	22	1	0.7
28	23	2	0.4
29	22	7	3.7
30	22	6	4.0
31	22	7	1.5

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
50201C	RUE PRINCIPALE	587	7	1.2

MONTH: MARCH 1974 CITY: HULL

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

STATION 50303I

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	22	6	1.0
23	22	7	3.2
24	22	3	0.7
25	22	2	0.7
26	22	2	0.5
27	22	3	1.1
28	22	4	1.8
29	22	8	2.0
30	22	12	1.7
31	22	5	1.6

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
50303I	CENTRE LOISIRS LIMOILOU	220	12	1.5

MONTH: MARCH 1974 CITY: QUEBEC

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

STATION 60101C

DAY	NO. OF SAMPLES	MAX	MEAN
1	22	9	4.5
2	22	3	1.3
3	22	3	1.3
4	22	4	2.5
5	22	6	3.4
6	22	5	2.8
7	22	5	3.0
8	22	6	2.5
9	22	7	1.0
10	22	12	6.7
11	22	17	7.4
12	22	12	5.4
13	22	8	5.5
14	22	18	8.5
15	22	17	7.7
16	22	2	1.4
17	22	11	5.6
18	22	13	8.8
19	22	10	5.5
20	22	12	5.3
21	22	14	4.2
22	22	10	6.9
23	22	6	2.7
24	22	14	7.1
25	22	16	6.6
26	22	12	5.7
27	22	13	7.7
28	22	8	3.5
29	22	4	2.1
30	22	1	1.0
31	22	10	3.6

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60101C	SLATER AND ELGIN	682	18	4.6

MONTH: MARCH 1974 CITY: OTTAWA

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

DAY	STATION 60201I NO. OF SAMPLES	MAX	MEAN	STATION 60204C NO. OF SAMPLES	MAX	MEAN
1				24	4	1.0
2				17	4	0.6
3				23	2	0.6
4	11	2	0.5	24	2	0.4
5	24	4	1.1	24	5	0.9
6	24	3	0.9	24	2	1.1
7	24	19	4.6	19	3	0.7
8	23	17	1.6	15	2	0.7
9	24	5	2.0	24	2	0.9
10	24	11	2.6	24	3	0.7
11	23	6	1.3	24	2	0.6
12	24	9	2.7	24	3	0.8
13	24	11	3.7	24	3	0.5
14	24	9	3.5	24	5	1.3
15	22	5	1.4	15	2	0.9
16	24	5	1.5	24	1	0.3
17	15	6	2.9	23	2	0.3
18				24	7	2.3
19	11	3	0.5	24	4	1.4
20	24	3	0.5	24	2	1.0
21	8	1	0.1	24	26	4.3
22	24	7	2.1	24	20	5.3
23	12	3	1.4	22	12	2.5
24	24	5	1.5	24	10	1.7
25	23	11	3.5	24	8	2.7
26	22	5	2.6	21	20	4.8
27	24	16	3.5	20	24	5.7
28	24	3	0.6	19	4	1.4
29	24	0	0.0	16	1	0.3
30	24	7	1.5	20	14	2.1
31	24	5	1.5	24	9	2.6

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60201I	MORTON TERMINAL DOCK	578	19	1.9
60204C	471 UNIVERSITY AVENUE	686	26	1.6

MONTH: MARCH 1974 CITY: WINDSOR

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

DAY	STATION 60401C NO. OF SAMPLES	MAX	MEAN	STATION 60402R NO. OF SAMPLES	MAX	MEAN	STATION 60403I NO. OF SAMPLES	MAX	MEAN
1	24	2	0.9	21	3	1.3	24	3	1.7
2	18	1	0.9	24	2	1.2	24	2	1.8
3	24	6	1.6	24	5	1.8	24	7	2.5
4	24	2	0.9	24	2	1.1	24	4	1.7
5	24	2	1.1	24	3	1.1	24	3	1.3
6	24	6	2.7	21	8	3.6	24	6	3.4
7	24	2	0.8	23	5	1.7	23	4	2.0
8	24	15	1.4	24	1	0.8	24	2	1.2
9	24	2	1.1	24	2	1.0	24	1	0.6
10	24	3	1.2	24	2	1.0	24	2	1.4
11	24	11	3.4	22	10	2.3	23	4	1.5
12	24	3	1.8	24	1	1.0	24	2	1.4
13	24	2	1.1	19	1	0.6	24	3	1.7
14	24	3	1.1	22	0	0.0	24	2	1.3
15	16	5	2.5	22	5	1.0	24	5	2.6
16	24	1	0.5	19	1	0.8	24	1	0.3
17	24	2	0.6	9	3	1.8	24	2	0.8
18	24	2	0.8	9	2	0.9	24	1	0.7
19	24	1	0.9	24	2	1.3	24	1	0.8
20	24	3	1.2	22	2	1.0	24	3	1.1
21	24	2	1.1	24	2	1.2	24	1	0.9
22	24	2	1.0	23	3	1.4	24	2	1.5
23	24	3	1.5	24	3	1.7	24	5	2.1
24	24	1	0.6	24	2	1.0	24	2	1.3
25	24	5	2.1	23	6	2.2	23	5	1.5
26	21	5	1.5	24	14	3.7	24	9	2.6
27	20	2	0.9	22	1	0.8	22	3	1.3
28	19	2	0.7	24	1	0.4	24	3	1.9
29	16	0	0.0	22	2	0.5	24	2	1.5
30	20	1	0.1	24	1	1.0	24	3	1.3
31	24	1	0.6	24	1	1.0	24	7	1.6

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60401C	67 COLLEGE STREET	706	15	1.2
60402R	DON MILLS, SCIENCE CNTR	683	14	1.3
60403I	EVANS AND ARNOLD	739	9	1.5

MONTH: MARCH 1974 CITY: TORONTO

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

DAY	STATION 60410R NO. OF SAMPLES	MAX	MEAN	STATION 60411R NO. OF SAMPLES	MAX	MEAN
1						
2						
3						
4						
5						
6						
7						
8	11	1	0.3			
9	24	1	0.6			
10	24	0	0.0			
11	23	1	0.1			
12	24	1	0.2			
13	24	0	0.0			
14	12	0	0.0			
15	11	1	0.9	12	4	2.2
16	24	1	1.0	24	1	0.2
17	24	1	1.0	24	2	0.6
18	23	1	0.6	24	1	0.4
19	24	1	0.3	22	2	0.8
20	24	1	0.2	24	2	1.1
21	24	1	0.1	24	1	0.5
22	20	1	0.2	20	3	0.9
23	24	1	0.8	24	4	1.7
24	24	0	0.0	24	1	0.8
25	23	3	0.7	24	10	2.6
26	24	6	2.7	24	11	3.6
27	24	1	0.8	24	2	1.7
28	23	1	0.6	23	2	1.3
29	24	0	0.0	24	1	1.0
30	24	0	0.0	23	1	0.0
31	24	0	0.0	24	0	0.0

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60410R	LAWRENCE AND KENNEDY	530	6	0.5
60411R	PHARMACY AND HWY 401	388	11	1.1

MONTH: MARCH 1974 CITY: TORONTO

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

DAY	STATION 60501C NO. OF SAMPLES	MAX	MEAN	STATION 60505R NO. OF SAMPLES	MAX	MEAN
1	24	6	2.6			
2	18	9	4.3			
3	24	9	4.3			
4	24	9	2.8	22	3	1.0
5	24	5	2.4	24	5	1.5
6	24	4	3.0	24	9	4.1
7	12	2	1.5	24	3	1.1
8	24	9	4.6	24	0	0.0
9	24	5	3.4	24	1	0.5
10	24	4	1.9	24	1	1.0
11	24	4	2.2	23	2	0.7
12	24	9	4.6	23	2	0.3
13	24	4	2.1	24	1	0.3
14	24	4	1.3	24	2	0.5
15	15	5	2.7	24	2	0.9
16	24	5	1.9	24	4	1.3
17	24	3	2.0	24	1	0.5
18	24	3	1.6	23	3	0.9
19	22	2	1.0	24	4	1.1
20	24	5	2.0	23	3	0.7
21	24	6	2.2	24	6	1.5
22	24	3	1.5	23	7	3.3
23	24	2	1.3	24	6	2.5
24	24	2	1.4	24	3	0.6
25	24	6	3.3	22	7	3.8
26	21	6	2.7	24	11	5.2
27	20	3	0.9	24	9	3.3
28	19	8	2.6	24	3	2.0
29	16	6	3.4	23	2	2.0
30	20	6	0.9	24	2	1.7
31	24	2	0.2	24	4	1.6

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60501C	BARTON AND SANFORD	691	9	2.3
60505R	NORTH PARK	662	11	1.6

MONTH: MARCH 1974 CITY: HAMILTON

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

STATION 60602R

DAY	NO. OF SAMPLES	MAX	MEAN
1	22	33	6.8
2	24	15	1.3
3	24	6	0.7
4	24	38	3.9
5	24	23	4.3
6	24	5	2.3
7	24	59	4.2
8	24	32	9.5
9	24	27	2.1
10	23	30	2.1
11	21	55	4.5
12	24	2	0.7
13	24	3	1.4
14	24	17	4.2
15	16	6	3.8
16	24	11	3.9
17	24	4	2.3
18	24	17	3.4
19	24	12	2.5
20	24	34	4.3
21	24	41	10.0
22	24	11	2.5
23	24	20	4.8
24	24	32	4.4
25	22	3	0.9
26	21	6	1.6
27	20	12	3.9
28	19	11	2.9
29	15	3	1.3
30	20	4	2.3
31	24	6	3.9

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60602R	ASH STREET	703	59	3.5

MONTH: MARCH 1974 CITY: SUDBURY

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

STATION 60901C

DAY	NO. OF SAMPLES	MAX	MEAN
1	24	1	1.0
2	24	2	2.0
3	24	2	1.8
4	24	2	1.2
5	24	2	1.0
6	23	4	2.1
7	23	1	0.7
8	24	1	1.0
9	24	5	2.8
10	24	4	2.0
11	19	1	0.6
12	22	2	1.0
13	24	3	1.3
14	24	4	1.1
15	23	2	1.2
16	24	1	0.9
17	24	1	1.0
18	24	2	1.3
19	24	2	1.0
20	24	5	1.5
21	24	2	1.5
22	23	2	1.3
23	24	1	0.7
24	24	6	1.4
25	20	6	1.9
26	24	3	2.3
27	24	2	1.5
28	24	2	1.4
29	24	2	2.0
30	24	3	1.6
31	24	5	2.1

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60901C	KING AND RECTORY	729	6	1.4

MONTH: MARCH 1974 CITY: LONDON

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

STATION 61001C

DAY	NO. OF SAMPLES	MAX	MEAN
1	13	3	0.8
2	19	5	1.6
3			
4			
5	14	9	1.9
6	19	14	6.7
7	20	6	1.9
8	8	1	0.4
9	12	2	0.4
10	24	0	0.0
11	22	2	0.7
12	24	2	1.1
13	23	2	0.8
14	24	2	0.3
15	21	3	1.0
16	24	3	1.3
17	24	4	1.8
18	24	9	5.0
19	24	8	1.9
20	24	5	1.3
21	22	1	0.5
22	17	9	1.4
23	22	4	0.4
24	24	5	0.7
25	22	28	9.7
26	20	13	4.3
27	20	5	2.1
28	24	2	0.8
29	23	0	0.0
30	24	1	0.5
31	24	1	0.4

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
61001C	156 VICTORIA STREET	605	28	1.7

MONTH: MARCH 1974 CITY: SARNIA

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

DAY	STATION 70101C NO. OF SAMPLES	MAX	MEAN	STATION 70102R NO. OF SAMPLES	MAX	MEAN	STATION 70103R NO. OF SAMPLES	MAX	MEAN
1	22	1	0.2	22	1	0.2	24	1	0.1
2	22	2	0.5	22	1	0.3	22	0	0.0
3	22	1	0.1	22	1	0.3	22	0	0.0
4	22	1	0.1	22	1	0.1	22	0	0.0
5	23	1	0.3	22	1	0.1	24	0	0.0
6	22	1	0.2	17	2	0.4	23	1	0.0
7	22	2	0.7	22	2	0.5	22	1	0.1
8	21	2	0.6	22	1	0.3	22	0	0.0
9	22	1	0.3	22	1	0.2	22	0	0.0
10	22	1	0.0	22	0	0.0	22	0	0.0
11	22	7	1.2	22	2	0.3	21	0	0.0
12	22	2	0.5	22	1	0.0	22	1	0.0
13	22	1	0.1	22	2	0.4	22	1	0.0
14	22	1	0.2	22	1	0.0	22	1	0.0
15	22	1	0.1	22	1	0.1	22	0	0.0
16	22	1	0.2	20	2	0.1	22	1	0.0
17	22	1	0.1	22	1	0.2	22	0	0.0
18	22	2	0.3	22	3	0.6	22	0	0.0
19	22	4	1.6	21	2	0.3	22	0	0.0
20	22	18	7.2	22	1	0.2	22	0	0.0
21	22	14	2.9	22	1	0.5	22	0	0.0
22	22	8	2.2	22	1	0.3	12	0	0.0
23	22	4	2.7	22	1	0.3			
24	22	13	5.4	22	1	0.3			
25	22	18	8.9	22	6	0.4	13	0	0.0
26	22	14	4.6	22	1	0.4	22	0	0.0
27	22	10	1.8	22	1	0.3	22	0	0.0
28	22	3	0.2	22	2	0.3	22	0	0.0
29	22	1	0.0	21	1	0.1	22	1	0.0
30	22	1	0.1	22	0	0.0	22	0	0.0
31	22	2	0.5	22	0	0.0	22	0	0.0

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
70101C	KENNEDY ST. & YORK AVE.	682	18	1.4
70102R	PORTAGE AT WOODLAWN	673	6	0.2
70103R	HARTFORD AT MAIN	623	1	0.0

MONTH: MARCH 1974 CITY: WINNIPEG

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

STATION 70104I

DAY	NO. OF SAMPLES	MAX	MEAN
1	22	1	0.0
2	22	1	0.0
3	22	1	0.0
4	22	1	0.1
5	22	2	0.7
6	22	1	0.3
7	22	1	0.6
8	22	1	0.3
9	22	1	0.3
10	22	1	0.1
11	22	2	0.4
12	22	1	0.1
13	22	0	0.0
14	22	1	0.0
15	22	1	0.0
16	22	0	0.0
17	22	1	0.0
18	22	1	0.0
19	22	2	0.3
20	22	2	0.2
21	22	2	0.3
22	22	1	0.2
23	22	1	0.4
24	22	1	0.1
25	22	2	0.4
26	22	3	0.6
27	22	1	0.1
28	22	1	0.0
29	22	1	0.0
30	22	1	0.0
31	22	1	0.1

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
70104I	UNION STOCK YARDS	682	3	0.2

MONTH: MARCH 1974 CITY: WINNIPEG

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

STATION 80108C

DAY	NO. OF 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	22	0	0.0
16	22	0	0.0
17	22	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	23	0	0.0
27	23	0	0.0
28	23	0	0.0
29	23	0	0.0
30	23	0	0.0
31	23	0	0.0

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
80108C	12TH AND SMITH	660	0	0.0

MONTH: MARCH 1974 CITY: REGINA

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

STATION 80202C

DAY	NO. OF SAMPLES	MAX	MEAN
1	22	0	0.0
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20	8	0	0.0
21	22	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	20	0	0.0
28	20	0	0.0
29	20	0	0.0
30	20	0	0.0
31			

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
80202C	CITY LIBRARY	232	0	0.0

MONTH: MARCH 1974

CITY: SASKATOON

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

STATION 80301C

DAY	NO. OF SAMPLES	MAX	MEAN
1	18	0	0.0
2	20	0	0.0
3	20	0	0.0
4	22	0	0.0
5	20	0	0.0
6	20	0	0.0
7	20	0	0.0
8	20	0	0.0
9	22	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	19	0	0.0
19	20	0	0.0
20	20	0	0.0
21	12	0	0.0
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
80301C	TELEPHONE BUILDING	413	0	0.0

MONTH: MARCH 1974

CITY: MOOSE JAW

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

DAY	STATION 90114C NO. OF SAMPLES	MAX	MEAN	STATION 90121I NO. OF SAMPLES	MAX	MEAN	STATION 90122R NO. OF SAMPLES	MAX	MEAN
1	22	0	0.0	22	0	0.0	22	0	0.0
2	22	0	0.0	22	0	0.0	22	0	0.0
3	22	0	0.0	22	1	0.0	22	2	0.2
4	22	0	0.0	22	1	0.0	22	0	0.0
5	22	0	0.0	22	2	0.1	22	0	0.0
6	22	0	0.0	22	0	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	0	0.0	22	0	0.0	22	0	0.0
10	22	0	0.0	22	1	0.0	22	0	0.0
11	22	0	0.0	22	0	0.0	22	1	0.0
12	20	0	0.0	22	0	0.0	22	0	0.0
13	22	0	0.0	22	0	0.0	22	0	0.0
14	22	0	0.0	22	0	0.0	22	0	0.0
15	22	0	0.0	22	0	0.0	22	0	0.0
16	22	0	0.0	22	0	0.0	22	0	0.0
17	22	0	0.0	22	2	0.1	22	0	0.0
18	22	0	0.0	22	0	0.0	22	0	0.0
19	22	0	0.0	22	0	0.0	22	0	0.0
20	22	0	0.0	22	0	0.0	22	0	0.0
21	22	0	0.0	22	0	0.0	22	0	0.0
22	22	0	0.0	22	0	0.0	22	0	0.0
23	22	0	0.0	22	1	0.1	22	0	0.0
24	22	0	0.0	22	0	0.0	22	0	0.0
25	22	1	0.0	22	3	0.4	22	0	0.0
26	22	0	0.0	22	0	0.0	22	0	0.0
27	22	0	0.0	22	0	0.0	22	0	0.0
28	22	0	0.0	22	0	0.0	22	0	0.0
29	22	1	0.0	22	0	0.0	19	0	0.0
30	22	0	0.0	22	0	0.0			
31	22	0	0.0	22	1	0.0			

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
90114C	109 STREET AND 98 AVENUE	680	1	0.0
90121I	17 STREET AND 105 AVENUE	682	3	0.0
90122R	127 ST. AND 133 AVENUE	635	2	0.0

MONTH: MARCH 1974 CITY: EDMONTON

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

DAY	STATION 90218I NO. OF SAMPLES	MAX	MEAN	STATION 90219C NO. OF SAMPLES	MAX	MEAN	STATION 90220R NO. OF SAMPLES	MAX	MEAN
1	22	1	0.4	22	0	0.0	23	1	0.1
2	22	1	0.0	22	0	0.0	22	1	0.0
3	22	4	0.4	22	1	0.5	22	1	0.2
4	22	3	0.4	22	0	0.0	22	1	0.1
5	12	1	0.4	22	0	0.0	10	4	1.4
6				22	2	0.3	22	2	0.7
7				22	2	0.7	22	2	0.8
8				22	2	0.2	22	1	0.1
9	10	4	0.7	22	2	0.2	22	1	0.3
10	22	0	0.0	22	1	0.2	22	1	0.2
11	22	0	0.0	22	0	0.0	22	1	0.2
12	22	1	0.3	22	2	0.6	22	3	0.5
13	22	0	0.0	22	0	0.0	22	0	0.0
14	22	0	0.0	23	0	0.0	22	0	0.0
15	22	0	0.0	24	0	0.0	22	0	0.0
16	22	5	0.5	23	0	0.0	22	0	0.0
17	23	0	0.0	22	0	0.0	22	0	0.0
18	22	4	0.7	22	1	0.1	22	2	0.1
19	14	0	0.0	22	1	0.3	22	1	0.2
20				22	2	0.9	22	2	0.2
21	6	0	0.0	22	1	0.3	22	1	0.0
22	22	1	0.2	22	1	0.7	22	2	0.1
23	22	5	1.0	22	6	1.3	22	1	0.2
24	22	2	0.9	22	1	0.9	22	2	0.1
25	22	0	0.0	22	1	0.2	22	0	0.0
26	22	2	0.2	22	1	0.7	21	2	0.4
27	22	2	0.6	22	2	0.8	22	1	0.2
28	22	2	1.4	22	3	0.9	22	1	0.1
29	22	1	0.5	22	1	0.7	22	2	0.1
30	22	1	0.5	22	1	0.6	22	2	0.1
31	22	2	1.0	22	1	0.8	22	2	0.1

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
90218I	BONNY BRK & 18A ST. S.E.	549	5	0.4
90219C	620-7TH AVENUE, S.W.	686	6	0.4
90220R	26 AVE. & 4 STREET, N.W.	670	4	0.2

MONTH: MARCH 1974 CITY: CALGARY

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

DAY	STATION 00105C NO. OF SAMPLES	MAX	MEAN	STATION 00106R NO. OF SAMPLES	MAX	MEAN	STATION 00108I NO. OF SAMPLES	MAX	MEAN
1	21	0	0.0	22	2	0.4	22	0	0.0
2	22	0	0.0	22	0	0.0	22	0	0.0
3	12	0	0.0	22	2	0.6	22	1	0.1
4	11	0	0.0	22	3	1.3	22	1	0.5
5	14	1	0.2	22	2	0.1	22	0	0.0
6	22	1	0.4	22	2	1.2	22	2	0.5
7	22	1	0.1	22	2	0.8	22	0	0.0
8	22	1	0.2	22	2	1.3	24	1	0.2
9	22	1	0.2	22	3	0.6	24	0	0.0
10	22	0	0.0	22	1	0.5	24	0	0.0
11	22	1	0.6	16	2	0.9	23	1	0.1
12	22	1	0.2	22	1	0.2	22	1	0.2
13	22	2	1.0	22	3	0.5	22	1	0.1
14	22	1	0.5	22	2	1.0	22	2	0.7
15	22	6	1.9	22	2	1.4	22	0	0.0
16	22	4	1.3	22	1	0.5	22	0	0.0
17	22	3	1.4	22	2	1.0	22	1	0.1
18	22	1	0.8	9	3	1.9	22	1	0.4
19	22	2	0.8				22	2	0.5
20	22	3	1.1	9	1	0.2	22	1	0.6
21	22	2	1.0	22	4	1.1	22	2	0.8
22	22	4	1.2	22	2	0.7	22	3	0.6
23	18	7	1.6	22	3	0.9	22	1	0.4
24	21	2	1.1	22	3	1.5	22	1	0.1
25	22	3	1.0	22	5	2.4	22	2	0.5
26	22	3	1.7	22	4	2.1	22	0	0.0
27	22	2	1.0	22	2	0.6	22	0	0.0
28	22	2	0.5	22	1	0.1	22	0	0.0
29	22	2	0.9	22	2	0.4	22	0	0.0
30	22	1	0.4	22	1	0.3	22	1	0.1
31	22	1	0.5	22	1	0.5	22	1	0.0

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
00105C	739 WEST HASTINGS STREET	647	7	0.7
00106R	2294 WEST 10TH AVENUE	628	5	0.8
00108I	250 WEST 70TH AVENUE	689	3	0.2

MONTH: MARCH 1974 CITY: VANCOUVER

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

DAY	STATION 00301C NO. OF SAMPLES	MAX	MEAN
1	23	1	0.1
2	22	0	0.0
3	22	1	0.1
4	22	1	0.1
5	11	0	0.0
6	22	1	0.1
7	22	2	0.7
8	22	3	0.8
9	22	1	0.5
10	22	2	0.7
11	22	1	0.7
12	22	2	0.1
13	22	1	0.3
14	22	1	0.0
15	22	1	0.2
16	22	3	0.4
17	23	2	0.2
18	22	3	1.1
19	22	1	0.5
20	22	2	1.0
21	22	2	0.7
22	22	2	0.8
23	22	1	0.8
24	22	1	0.4
25	22	1	0.4
26	22	1	0.7
27	22	1	0.3
28	22	1	0.3
29	22	1	0.3
30	22	1	0.0
31	22	1	0.0

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
00301C	POLICE STATION, FISGUARD	673	3	0.4

MONTH: MARCH 1974 CITY: VICTORIA

SUMMARY OF SULFUR DIOXIDE LEVELS
VALEURS CONDENSEES DU DIOXYDE DE SOUFRE

STATION 09001C

DAY	NO. OF SAMPLES	MAX	MEAN
1	20	1	0.9
2	20	1	1.0
3	20	1	0.7
4	20	1	0.6
5	20	1	0.8
6	20	2	1.1
7	20	3	1.1
8	12	2	1.3
9	21	1	0.7
10	22	1	0.2
11	4	1	0.3
12	4	1	0.5
13	20	2	0.9
14	20	1	0.8
15	20	2	0.7
16	20	1	0.3
17	20	1	0.2
18	20	2	1.0
19	20	2	1.0
20	18	2	0.9
21	20	1	0.9
22	18	1	0.9
23	20	1	0.9
24	18	1	1.0
25	19	1	0.5
26	20	1	0.9
27	20	1	0.7
28	20	1	0.5
29	20	1	0.4
30	20	1	1.0
31	20	1	0.2

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
09001C	FEDERAL BUILDING	576	3	0.7

MONTH: MARCH 1974 CITY: WHITEHORSE

CARBON MONOXIDE

Carbon monoxide is measured continously, 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	POINTE AUX TREMBLES
50104	C,F	45	MONTREAL	1125 ONTARIO, EAST
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	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
60602	R,P	12	SUDBURY	ASH STREET
70101	C,F	20	WINNIPEG	KENNEDY ST. & YORK AVE.
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
90219	C,P	40	CALGARY	620-7TH AVENUE, S.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 SAMPLES	MAX 1HR	MAX 8HR	MEAN 24HR	NO. OF SAMPLES	MAX 1HR	MAX 8HR	MEAN 24HR
1	24	5.0	3.5	1.5	24	5.0	4.1	2.7
2					24	3.0	4.0	1.4
3					24	2.0	1.2	1.0
4					24	9.0	5.6	3.0
5					24	9.0	4.1	2.7
6					24	3.0	2.1	1.6
7					24	5.0	3.2	2.2
8					24	6.0	4.3	2.7
9	23	1.0	0.2	0.0	24	3.0	3.6	1.3
10	24	1.0	0.1	0.0	24	3.0	2.6	1.8
11	24	2.0	1.1	0.5	24	5.0	3.3	2.6
12	24	2.0	1.6	0.9	24	5.0	3.5	2.6
13	24	5.0	2.5	0.9	24	4.0	3.2	2.4
14	24	2.0	1.3	0.2	24	4.0	3.0	2.3
15	24	7.0	3.6	1.7	24	7.0	5.0	3.5
16					24	4.0	5.0	2.0
17	24	0.0	0.0	0.0	24	3.0	2.2	1.3
18					24	3.0	2.1	1.4
19					24	5.0	3.8	2.7
20					24	4.0	3.1	2.4
21					24	5.0	3.3	2.5
22					24	3.0	2.2	1.8
23	24	3.0	1.3	0.7	22	5.0	3.6	2.8
24	24	2.0	1.3	0.7	24	4.0	3.5	1.8
25	24	2.0	0.7	0.4	24	4.0	2.6	1.9
26	24	2.0	1.2	0.7	24	5.0	3.3	2.8
27					24	4.0	3.7	2.6
28	24	5.0	1.4	0.5	24	4.0	3.6	2.2
29	7	2.0	1.8	0.7	24	5.0	3.1	2.3
30	24	2.0	1.2	0.4	24	3.0	2.5	1.7
31	24	3.0	2.0	0.7	24	5.0	3.8	2.2

STATION	LOCATION	TOTAL NO. OF SAMPLES	MONTHLY MAX 1HR	MONTHLY MAX 8HR	MONTHLY MEAN
50103R	POINTE AUX TREMBLES	390	7.0	4.4	0.7
50104C	1125 ONTARIO, EAST	742	9.0	5.6	2.2

MONTH: MARCH 1974 CITY: MONTREAL

SUMMARY OF CARBON MONOXIDE LEVELS
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

STATION 60101C

DAY	NO. OF SAMPLES	MAX 1HR	MAX 8HR	MEAN 24HR
1	11	14.0	8.4	5.5
2	24	4.0	4.6	3.0
3	24	8.0	5.2	3.4
4	24	20.0	16.2	9.9
5	24	12.0	9.3	6.9
6	24	16.0	10.7	7.7
7	24	18.0	9.6	5.4
8	24	8.0	5.5	4.0
9	24	5.0	4.2	2.7
10	24	4.0	3.6	2.5
11	22	8.0	7.0	4.2
12	24	9.0	6.3	3.8
13	23	8.0	4.6	3.3
14	24	14.0	7.7	5.1
15	23	14.0	11.5	7.6
16	24	5.0	10.2	2.5
17	24	3.0	3.1	1.9
18	24	12.0	8.6	5.3
19	24	20.0	9.1	5.7
20	24	20.0	12.0	6.5
21	23	13.0	8.1	4.6
22	24	15.0	8.6	6.7
23	24	8.0	7.3	3.8
24	24	4.0	4.8	2.2
25	22	9.0	6.8	4.5
26	24	13.0	9.3	5.5
27	24	12.0	8.3	5.5
28	24	8.0	5.7	4.1
29	23	12.0	7.8	4.9
30	24	3.0	4.2	1.9
31	24	5.0	3.7	2.3

STATION	LOCATION	TOTAL NO. OF SAMPLES	MONTHLY MAX 1HR	MONTHLY MAX 8HR	MONTHLY MEAN
60101C	SLATER AND ELGIN	723	20.0	16.2	4.6

MONTH: MARCH 1974

CITY: OTTAWA

SUMMARY OF CARBON MONOXIDE LEVELS
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

STATION 60204C

DAY	NO. OF SAMPLES	MAX 1HR	MAX 8HR	MEAN 24HR
1				
2				
3				
4	24	7.0	5.1	3.9
5	24	4.0	3.8	2.5
6	24	6.0	4.3	3.0
7	24	10.0	5.3	3.2
8	24	6.0	4.6	3.3
9	24	10.0	7.7	5.0
10	24	5.0	4.7	3.9
11	23	5.0	4.7	3.7
12	24	3.0	3.3	2.7
13	24	3.0	2.6	2.2
14	24	5.0	4.0	3.4
15	24	6.0	4.6	3.9
16	24	5.0	4.6	3.9
17	24	3.0	3.5	2.7
18	23	6.0	4.4	4.0
19	24	5.0	4.6	4.1
20	24	7.0	4.6	3.9
21	24	6.0	5.0	4.0
22	24	5.0	4.2	4.0
23	24	6.0	4.6	4.2
24	24	4.0	4.0	2.8
25	24	5.0	3.7	3.2
26	23	5.0	4.1	4.0
27	23	5.0	4.0	3.2
28	24	5.0	3.7	3.2
29	23	6.0	5.0	4.0
30	24	8.0	6.2	4.8
31	24	6.0	5.0	4.0

STATION	LOCATION	TOTAL NO. OF SAMPLES	MONTHLY MAX 1HR	MONTHLY MAX 8HR	MONTHLY MEAN
60204C	471 UNIVERSITY AVENUE	667	10.0	7.7	3.6

MONTH: MARCH 1974

CITY: WINDSOR

SUMMARY OF CARBON MONOXIDE LEVELS
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

	STATION 60401C				STATION 60402R			
DAY	NO. OF SAMPLES	MAX 1HR	MAX 8HR	MEAN 24HR	NO. OF SAMPLES	MAX 1HR	MAX 8HR	MEAN 24HR
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14	NO DATA							
15								
16	AVAILABLE							
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29					10	3.0	2.7	2.6
30					24	2.0	2.6	2.0
31					24	2.0	2.0	1.7

STATION	LOCATION	TOTAL NO. OF SAMPLES	MONTHLY MAX 1HR	MONTHLY MAX 8HR	MONTHLY MEAN
60401C	67 COLLEGE STREET				
60402R	DON MILLS, SCIENCE CNTR	58	3.0	2.7	2.0

MONTH: MARCH 1974 CITY: TORONTO

SUMMARY OF CARBON MONOXIDE LEVELS
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

	STATION 60403I				STATION 60410R			
DAY	NO. OF SAMPLES	MAX 1HR	MAX 8HR	MEAN 24HR	NO. OF SAMPLES	MAX 1HR	MAX 8HR	MEAN 24HR
1					24	10.0	9.0	7.6
2					24	8.0	8.5	7.1
3					24	13.0	9.7	8.1
4					24	14.0	11.7	9.1
5					24	11.0	8.8	8.1
6					23	9.0	8.2	7.7
7					24	11.0	9.1	8.4
8					23	8.0	8.6	6.3
9					24	8.0	7.6	6.6
10					24	8.0	7.7	6.6
11					23	15.0	9.8	8.7
12					24	11.0	9.7	8.6
13					24	9.0	8.3	7.0
14	NO DATA				24	9.0	8.3	7.0
15					23	9.0	8.2	6.9
16	AVAILABLE				24	11.0	10.0	7.8
17					24	7.0	7.7	6.0
18					24	8.0	7.8	7.0
19					24	9.0	8.1	7.3
20					24	8.0	7.1	5.7
21					24	8.0	7.2	6.7
22					23	7.0	6.8	6.1
23					24	8.0	7.2	6.9
24					24	7.0	7.1	5.7
25					23	9.0	6.3	5.9
26					24	8.0	7.1	6.7
27					24	8.0	6.8	6.4
28					23	7.0	7.0	5.9
29					24	6.0	6.0	6.0
30					24	6.0	6.0	6.0
31					24	8.0	8.0	7.0

STATION	LOCATION	TOTAL NO. OF SAMPLES	MONTHLY MAX 1HR	MONTHLY MAX 8HR	MONTHLY MEAN
60403I	EVANS AND ARNOLD				
60410R	LAWRENCE AND KENNEDY	737	15.0	11.7	7.0

MONTH: MARCH 1974 CITY: TORONTO

SUMMARY OF CARBON MONOXIDE LEVELS
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

STATION 60411R

DAY	NO. OF SAMPLES	MAX 1HR	MAX 8HR	MEAN 24HR
1	14	8.0	5.0	4.0
2	24	5.0	4.2	2.2
3	24	6.0	4.0	2.7
4	24	9.0	6.2	4.0
5	24	7.0	4.8	3.3
6	23	5.0	3.7	2.6
7	2	2.0	1.6	1.5
8	10	5.0	3.6	2.6
9	24	4.0	3.3	2.1
10	24	3.0	2.5	1.6
11	24	8.0	4.2	3.5
12	24	6.0	3.7	2.5
13	24	5.0	3.6	2.8
14	24	5.0	4.3	3.7
15	23	8.0	4.3	2.0
16	5	0.0	1.0	0.0
17				
18				
19	10	3.0	3.0	2.6
20	24	7.0	2.3	1.5
21	24	4.0	2.8	2.0
22	24	2.0	2.5	1.7
23	24	3.0	2.1	1.3
24	24	2.0	1.7	1.0
25	24	5.0	2.1	1.3
26	23	4.0	2.7	1.8
27	24	4.0	3.0	2.0
28	23	4.0	2.8	1.6
29	24	4.0	1.7	1.1
30	24	0.0	0.6	0.0
31	24	2.0	2.0	1.2

STATION	LOCATION	TOTAL NO. OF SAMPLES	MONTHLY MAX 1HR	MONTHLY MAX 8HR	MEAN
60411R	PHARMACY AND HWY 401	613	9.0	6.2	2.2

MONTH: MARCH 1974

CITY: TORONTO

SUMMARY OF CARBON MONOXIDE LEVELS
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

STATION 60501C

DAY	NO. OF SAMPLES	MAX 1HR	MAX 8HR	MEAN 24HR
1	19	1.0	0.7	0.4
2	19	1.0	1.0	0.6
3	10	1.0	0.8	0.6
4	17	4.0	2.5	1.8
5	20	2.0	1.6	0.6
6	23	2.0	1.4	0.6
7				
8	17	2.0	1.1	0.5
9	24	1.0	0.6	0.4
10	7	1.0	0.8	0.1
11	24	4.0	1.8	1.0
12	16	1.0	0.7	0.1
13	14	2.0	1.1	0.9
14	24	4.0	2.7	1.7
15	24	5.0	4.1	3.1
16	24	3.0	2.6	1.4
17	24	1.0	1.0	1.0
18	24	2.0	2.0	1.6
19	22	2.0	2.0	1.4
20	23	4.0	2.0	1.4
21	19	1.0	1.2	0.5
22	24	2.0	1.6	0.9
23	24	1.0	1.5	0.7
24	24	1.0	1.0	0.7
25	24	2.0	1.5	1.0
26	20	1.0	1.3	0.3
27	22	1.0	0.7	0.4
28	18	2.0	1.2	0.7
29	24	2.0	1.2	0.7
30	24	2.0	1.3	0.9
31	21	1.0	0.4	0.1

STATION	LOCATION	TOTAL NO. OF SAMPLES	MONTHLY MAX 1HR	MONTHLY MAX 8HR	MEAN
60501C	BARTON AND SANFORD	619	5.0	4.1	1.0

MONTH: MARCH 1974

CITY: HAMILTON

SUMMARY OF CARBON MONOXIDE LEVELS
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

STATION 60602R

DAY	NO. OF SAMPLES	MAX 1HR	MAX 8HR	MEAN 24HR
1	24	1.0	0.6	0.2
2	24	1.0	0.5	0.1
3	24	0.0	0.0	0.0
4	24	1.0	0.1	0.0
5	24	0.0	0.0	0.0
6	23	1.0	0.7	0.4
7	12	0.0	0.5	0.0
8	18	1.0	0.1	0.0
9	24	1.0	0.3	0.1
10	24	0.0	0.0	0.0
11	24	1.0	0.1	0.0
12	24	0.0	0.0	0.0
13	24	0.0	0.0	0.0
14	23	1.0	0.5	0.2
15	24	2.0	1.2	0.8
16	22	1.0	1.2	0.0
17				
18	23	0.0	0.0	0.0
19	24	0.0	0.0	0.0
20	14	1.0	0.1	0.0
21	24	1.0	0.7	0.2
22	17	0.0	0.0	0.0
23	24	0.0	0.0	0.0
24	24	1.0	0.1	0.0
25	23	2.0	0.7	0.4
26	24	1.0	0.7	0.1
27	24	1.0	0.2	0.0
28	24	1.0	0.3	0.2
29	24	1.0	1.0	0.4
30	24	1.0	0.8	0.1
31	24	0.0	0.0	0.0

STATION	LOCATION	TOTAL NO. OF SAMPLES	MONTHLY MAX 1HR	MONTHLY MAX 8HR	MEAN
60602R	ASH STREET	679	2.0	1.2	0.1

MONTH: MARCH 1974 CITY: SUDBURY

SUMMARY OF CARBON MONOXIDE LEVELS
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

DAY	STATION 70101C NO. OF SAMPLES	MAX 1HR	MAX 8HR	MEAN 24HR	STATION 70102R NO. OF SAMPLES	MAX 1HR	MAX 8HR	MEAN 24HR
1	24	6.0	4.4	2.7	24	2.0	0.8	0.4
2	24	2.0	2.1	1.9	23	1.0	0.6	0.2
3	24	7.0	2.7	2.2	24	1.0	0.6	0.2
4	24	9.0	4.5	3.0	8	3.0	1.4	0.9
5	24	10.0	5.6	3.3				
6	24	5.0	3.2	2.4	10	0.0	0.0	0.0
7	24	10.0	5.7	3.2	24	5.5	2.3	1.1
8	24	8.0	3.5	2.5	24	2.5	1.7	0.9
9	24	10.0	4.1	2.7	24	4.0	1.6	0.6
10	24	2.0	4.0	1.7	24	1.0	1.7	0.2
11	24	8.0	4.2	2.9	24	7.5	2.4	1.0
12	24	6.0	2.5	1.5	24	1.5	0.6	0.3
13	24	4.0	2.5	1.9	24	1.0	0.6	0.4
14	24	7.0	4.8	3.2	24	2.0	1.5	0.7
15	24	5.0	3.2	2.1	24	0.5	1.3	0.0
16	24	3.0	2.1	1.5	22	4.0	1.7	0.5
17	24	8.0	3.8	2.5	23	1.0	0.6	0.2
18	24	9.0	6.3	3.1	18	1.5	0.6	0.3
19	24	15.0	4.2	2.2	24	2.0	0.6	0.4
20	24	6.0	2.8	1.1	24	4.0	1.0	0.4
21	24	5.0	2.7	1.6	23	1.5	1.3	0.4
22	24	6.0	3.0	2.0	24	0.5	1.1	0.0
23	24	2.0	2.1	1.5	24	3.5	1.3	0.4
24	24	3.0	2.0	1.2	24	1.0	1.6	0.3
25	24	6.0	4.0	2.5	24	3.5	1.2	0.6
26	24	5.0	3.6	2.5	23	1.5	0.7	0.5
27	24	6.0	3.8	3.1	24	6.0	2.0	1.2
28	22	2.0	2.8	1.1	22	1.5	0.8	0.2
29	24	4.5	3.6	1.6	23	1.5	0.8	0.2
30	24	1.0	1.2	0.1	24	1.0	0.5	0.1
31	24	1.5	1.0	0.5	24	1.0	0.8	0.5

STATION	LOCATION	TOTAL NO. OF SAMPLES	MONTHLY MAX 1HR	MONTHLY MAX 8HR	MEAN
70101C	KENNEDY ST. & YORK AVE.	742	15.0	6.3	2.2
70102R	PORTAGE AT WOODLAWN	675	7.5	2.4	0.5

MONTH: MARCH 1974 CITY: WINNIPEG

SUMMARY OF CARBON MONOXIDE LEVELS
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

STATION 80108C

DAY	NO. OF SAMPLES	MAX 1HR	MAX 8HR	MEAN 24HR
1				
2				
3				
4				
5				
6				
7				
8	3	1.3		1.3
9	21	1.8	1.5	1.2
10	14	0.8	0.9	0.1
11	24	1.5	0.8	0.4
12	23	2.0	1.4	0.6
13	24	1.5	1.0	0.4
14	23	2.0	0.8	0.4
15	24	2.8	1.3	0.8
16	24	0.8	1.2	0.2
17	24	0.5	0.3	0.1
18	24	2.0	1.2	0.7
19	24	1.3	1.1	0.5
20	24	1.8	1.0	0.5
21	24	3.0	1.1	0.6
22	23	1.5	1.0	0.5
23	24	1.3	1.0	0.4
24	24	1.8	1.0	0.6
25	24	3.0	1.3	0.7
26	23	2.0	1.0	0.7
27	24	0.8	0.5	0.2
28	24	3.0	1.7	0.6
29	23	2.5	1.2	0.5
30	24	4.0	2.6	1.4
31	24	0.5	0.4	0.1

STATION	LOCATION	TOTAL NO. OF SAMPLES	MONTHLY MAX 1HR	MONTHLY MAX 8HR	MONTHLY MEAN
80108C	12TH AND SMITH	537	4.0	2.6	0.6

MONTH: MARCH 1974

CITY: REGINA

SUMMARY OF CARBON MONOXIDE LEVELS
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

STATION 80202C

DAY	NO. OF SAMPLES	MAX 1HR	MAX 8HR	MEAN 24HR
1	22	3.3	2.5	1.4
2	24	1.5	1.1	0.5
3	24	0.8	0.4	0.3
4	23	2.5	2.1	1.2
5	24	4.3	2.5	1.3
6	24	2.3	1.9	1.0
7	24	1.5	1.8	0.7
8	24	6.0	2.3	1.4
9	24	4.0	2.6	1.4
10	24	0.8	1.6	0.3
11	24	2.0	1.1	0.7
12	23	1.5	1.3	0.7
13	24	3.0	2.4	1.6
14	24	1.3	2.1	0.4
15	24	2.0	1.6	0.9
16	24	0.8	1.5	0.3
17	24	1.0	0.7	0.6
18	23	3.0	1.6	1.0
19	24	3.0	2.3	1.4
20	23	8.5	3.3	1.4
21	24	7.5	4.0	1.3
22				
23	24	2.8	2.0	1.5
24	24	2.0	2.0	1.2
25	24	4.0	2.4	1.7
26	23	4.5	2.8	1.4
27	24	1.8	1.5	1.1
28	23	2.0	1.8	1.3
29	24	4.5	3.0	1.5
30	24	4.5	3.6	1.7
31	24	2.8	2.7	2.1

STATION	LOCATION	TOTAL NO. OF SAMPLES	MONTHLY MAX 1HR	MONTHLY MAX 8HR	MONTHLY MEAN
80202C	CITY LIBRARY	712	8.5	4.0	1.2

MONTH: MARCH 1974

CITY: SASKATOON

SUMMARY OF CARBON MONOXIDE LEVELS
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

DAY	STATION 90114C NO. OF SAMPLES	MAX 1HR	MAX 8HR	MEAN 24HR	STATION 90121I NO. OF SAMPLES	MAX 1HR	MAX 8HR	MEAN 24HR
1					11	2.0	1.6	1.3
2	24	3.0	2.0	1.4				
3	24	1.5	1.9	0.9				
4	24	6.0	3.4	2.0	13	3.5	3.1	2.7
5	24	2.0	3.1	1.1	24	2.0	2.4	0.5
6	24	8.0	4.0	2.0	24	1.0	0.6	0.3
7	24	4.0	2.3	1.7	24	1.5	1.0	0.4
8	24	4.5	2.9	2.3	24	1.5	0.8	0.5
9	24	5.0	2.8	1.9	24	3.0	2.0	1.1
10	24	3.0	2.6	2.0	24	2.0	2.0	1.3
11	24	4.0	2.5	1.7	24	2.5	1.5	1.1
12	24	2.0	1.1	1.0	24	3.0	1.7	1.3
13	24	2.0	1.2	0.9	11	1.5	1.5	0.4
14	24	1.5	1.1	0.8	10	0.0	0.0	0.0
15	24	2.0	1.5	1.1	24	0.5	0.4	0.1
16	24	2.5	1.3	0.8	24	1.5	1.1	0.5
17	24	2.5	1.3	0.8	24	1.5	0.8	0.3
18	24	3.0	1.9	1.3	24	2.0	1.2	0.5
19	24	3.5	2.3	1.7	24	2.0	0.9	0.3
20	24	3.5	2.5	1.8	24	2.5	1.5	0.9
21	24	2.5	1.7	1.3	24	1.0	0.6	0.3
22	24	3.5	2.3	1.6	24	2.0	1.5	0.9
23	24	2.5	2.3	1.1	24	1.0	1.3	0.4
24	24	2.0	1.3	1.2	24	2.5	2.0	1.5
25	24	3.0	1.6	1.1	24	1.0	1.6	0.7
26	24	2.5	1.8	1.4	24	1.5	1.4	0.7
27	24	2.5	1.7	1.3	24	1.5	1.4	1.1
28	24	5.0	3.5	2.2	24	2.5	1.7	1.2
29	24	7.0	5.1	3.4	24	3.5	1.8	0.9
30	24	2.5	2.0	1.5	24	1.0	0.4	0.1
31	24	4.0	1.3	0.1	24	2.0	1.5	0.7

STATION	LOCATION	TOTAL NO. OF SAMPLES	MONTHLY MAX 1HR	MONTHLY MAX 8HR	MEAN
90114C	109 STREET AND 98 AVENUE	720	8.0	5.1	1.5
90121I	17 STREET AND 105 AVENUE	645	3.5	3.1	0.8

MONTH: MARCH 1974 CITY: EDMONTON

SUMMARY OF CARBON MONOXIDE LEVELS
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

DAY	STATION 90219C NO. OF SAMPLES	MAX 1HR	MAX 8HR	MEAN 24HR
1	24	17.5	7.5	3.8
2	15	3.0	2.6	1.9
3	24	3.0	2.0	1.2
4	24	9.0	5.4	3.2
5	24	13.0	5.0	2.4
6	24	9.0	5.3	3.2
7	24	12.0	7.5	4.4
8	24	9.0	6.9	4.0
9	24	15.0	10.6	7.0
10	24	8.0	10.5	3.5
11	24	12.0	6.2	3.9
12	24	6.0	3.6	2.3
13	24	3.0	1.8	1.3
14	24	3.5	2.0	1.3
15	24	5.0	4.2	2.6
16	24	8.0	5.7	3.2
17	24	3.5	2.8	1.8
18	24	5.5	3.1	2.2
19	24	7.0	4.3	2.2
20	24	5.0	3.9	2.8
21	24	7.5	3.8	2.5
22	24	7.0	5.0	3.1
23	24	4.5	5.0	2.1
24	24	3.5	2.8	1.4
25	24	9.0	3.9	2.4
26	24	5.5	4.3	2.8
27	24	13.0	8.7	5.7
28	24	10.0	7.6	4.5
29	24	13.0	7.0	5.3
30	24	4.5	5.6	2.2
31	24	8.0	4.5	2.6

STATION	LOCATION	TOTAL NO. OF SAMPLES	MONTHLY MAX 1HR	MONTHLY MAX 8HR	MEAN
90219C	620-7TH AVENUE, S.W.	735	17.5	10.6	3.1

MONTH: MARCH 1974 CITY: CALGARY

SUMMARY OF CARBON MONOXIDE LEVELS
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

DAY	STATION 00105C NO. OF SAMPLES	MAX 1HR	MAX 8HR	MEAN 24HR	STATION 00106R NO. OF SAMPLES	MAX 1HR	MAX 8HR	MEAN 24HR
1	24	15.0	10.2	5.6	24	6.0	3.5	1.6
2	24	5.0	4.1	2.5	24	2.0	1.3	1.0
3	24	6.0	3.8	2.4	24	4.0	3.3	2.5
4	17	12.0	10.0	7.2	24	10.0	6.6	3.5
5	24	8.0	5.8	3.8	24	1.0	0.1	0.0
6	24	10.0	6.6	4.6	24	8.0	2.6	1.6
7	24	15.0	9.3	5.7	24	9.0	5.0	2.3
8	24	13.0	7.6	4.4	24	7.0	3.6	2.4
9	24	10.0	7.5	4.2	24	2.0	1.8	0.8
10	24	6.0	4.6	2.5	24	3.0	1.5	0.8
11	24	15.0	11.2	6.4	24	7.0	3.2	2.2
12	24	15.0	8.8	5.5	24	4.0	1.8	1.1
13	24	13.0	8.7	5.2	24	6.0	2.5	1.5
14	24	18.0	9.5	6.0	24	4.0	3.1	2.1
15	24	18.0	14.3	9.1	24	16.0	11.2	5.8
16	24	12.0	8.8	5.0	24	3.0	4.7	0.3
17	24	6.0	5.7	3.2	24	4.0	1.2	0.7
18	24	10.0	6.7	4.6	24	7.0	3.0	1.7
19	24	13.0	7.8	4.5	24	10.0	4.3	2.8
20	24	15.0	9.1	5.8	24	10.0	5.0	3.5
21	24	13.0	8.3	6.4	24	10.0	4.8	3.1
22	24	13.0	9.8	7.2	24	12.0	6.2	4.3
23	24	10.0	7.7	5.3	24	7.0	6.2	3.1
24	24	10.0	7.7	5.0	24	6.0	4.6	3.1
25	24	14.0	10.6	6.6	24	10.0	7.2	5.2
26	24	13.0	9.5	5.2	24	13.0	8.7	5.5
27	24	14.0	10.6	5.7	24	8.0	4.2	2.3
28	24	15.0	10.6	6.2	24	5.0	3.2	1.9
29	24	15.0	10.3	7.0	24	7.0	4.2	3.0
30	24	6.0	7.1	2.5	24	3.0	2.8	0.9
31	24	5.0	3.6	2.1	24	3.0	2.3	1.5

STATION	LOCATION	TOTAL NO. OF SAMPLES	MONTHLY MAX 1HR	MONTHLY MAX 8HR	MEAN
00105C	739 WEST HASTINGS STREET	737	18.0	14.3	5.1
00106R	2294 WEST 10TH AVENUE	744	16.0	11.2	2.4

MONTH: MARCH 1974 CITY: VANCOUVER

SUMMARY OF CARBON MONOXIDE LEVELS
VALEURS CONDENSEES DU MONOXYDE DE CARBONE

DAY	STATION 00108I NO. OF SAMPLES	MAX 1HR	MAX 8HR	MEAN 24HR
1	17	2.0	1.1	0.5
2	24	1.0	0.3	0.1
3	24	1.0	0.6	0.2
4	24	4.0	0.7	0.2
5	24	0.0	0.0	0.0
6	24	2.0	1.1	0.4
7	24	2.0	1.1	0.5
8	24	1.0	1.1	0.0
9	24	0.0	0.0	0.0
10	24	0.0	0.0	0.0
11				
12				
13				
14				
15	17	3.0	1.6	0.8
16	24	0.0	0.3	0.0
17	24	2.0	1.1	0.4
18	24	4.0	1.3	0.4
19	24	3.0	1.3	0.9
20	24	7.0	3.1	1.8
21	24	4.0	3.8	1.7
22	24	6.0	3.8	2.4
23	24	4.0	4.2	1.1
24	24	4.0	2.7	1.1
25	24	2.0	1.1	0.5
26	24	1.0	0.3	0.0
27	24	0.0	0.0	0.0
28	24	0.0	0.0	0.0
29	24	2.0	0.2	0.0
30	16	3.0	1.0	0.3
31				

STATION	LOCATION	TOTAL NO. OF SAMPLES	MONTHLY MAX 1HR	MONTHLY MAX 8HR	MEAN
00108I	250 WEST 70TH AVENUE	602	7.0	4.2	0.5

MONTH: MARCH 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	20	WINNIPEG	KENNEDY ST. & YORK AVE.

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

STATION 30115I

DAY	NO. OF SAMPLES	MAX	MEAN
1	23	3	0.7
2	24	2	0.6
3	24	2	0.6
4	20	3	0.5
5	23	3	0.6
6	23	2	0.8
7	24	2	0.4
8	24	2	1.0
9	24	2	0.8
10	24	3	0.6
11	22	2	1.0
12	11	1	1.0
13			
14			
15	11	1	0.8
16	24	3	0.8
17	24	1	0.4
18	23	1	0.2
19	24	1	0.2
20	23	2	0.6
21	24	8	1.0
22	24	1	0.4
23	24	1	0.3
24	24	2	0.6
25	23	1	0.6
26	24	2	0.5
27	24	1	0.5
28	23	1	0.7
29	24	3	0.9
30	24	1	0.4
31	24	0	0.2

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
30115I	CFB SHEARWATER	657	8	0.6

MONTH: MARCH 1974

CITY: HALIFAX

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

DAY	STATION 50102R NO. OF SAMPLES	MAX	MEAN	STATION 50104C NO. OF SAMPLES	MAX	MEAN
1	24	3	1.5	24	5	3.7
2	24	2	0.3	24	4	3.0
3	24	1	0.1	24	3	2.3
4	24	4	1.4	24	8	4.0
5	24	4	1.5	24	6	4.0
6	24	4	1.6	24	6	4.0
7	24	2	0.9	24	6	3.6
8	24	3	1.2	24	5	3.6
9	24	3	0.4	24	4	2.6
10	24	2	0.5	24	4	2.8
11	24	3	1.1	24	5	3.7
12	24	2	0.8	24	5	3.4
13	24	2	0.8	24	4	3.0
14	16	5	1.6	24	4	3.2
15				23	6	4.6
16				24	5	3.7
17				24	4	2.3
18				24	4	3.0
19				24	6	4.3
20				24	5	4.1
21				24	6	4.4
22				23	5	3.7
23				22	6	4.2
24				24	5	2.9
25				24	5	3.2
26				22	7	5.3
27				24	7	5.1
28				24	6	4.2
29				23	6	4.4
30				24	5	3.6
31				24	5	3.6

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
50102R	BOTANICAL GARDENS	328	5	1.0
50104C	1125 ONTARIO, EAST	737	8	3.7

MONTH: MARCH 1974

CITY: MONTREAL

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

STATION 60204C

DAY	NO. OF SAMPLES	MAX	MEAN
1			
2			
3			
4	22	5	3.7
5	24	4	3.1
6	23	4	3.1
7	24	5	3.9
8	23	4	2.6
9	24	5	2.9
10	24	4	2.8
11	23	4	2.8
12	24	3	2.0
13	23	3	2.4
14	24	8	4.0
15	24	4	2.8
16	24	4	3.0
17	24	4	2.0
18	22	4	2.8
19	24	4	2.7
20	23	4	2.3
21	22	5	2.7
22	23	5	2.8
23	24	4	2.4
24	24	2	1.6
25	23	4	2.1
26	23	4	2.7
27	24	4	2.8
28	24	3	2.3
29	23	3	2.3
30	24	5	2.6
31	20	3	1.6

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60204C	471 UNIVERSITY AVENUE	653	8	2.7

MONTH: MARCH 1974 CITY: WINDSOR

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

	STATION 60401C			STATION 60410R			STATION 60411R		
DAY	NO. OF SAMPLES	MAX	MEAN	NO. OF SAMPLES	MAX	MEAN	NO. OF SAMPLES	MAX	MEAN
1	24	3	2.5	3	1	0.7	24	9	5.9
2	24	3	2.4				24	4	2.8
3	24	5	2.7	7	3	2.0	24	5	2.5
4	23	5	3.3	14	4	2.6	24	8	4.3
5	24	4	2.8	8	5	3.4	24	6	4.0
6	24	4	3.2	15	5	2.8	23	6	4.0
7	24	3	2.7	24	5	2.6	24	8	5.5
8	24	3	2.2	12	3	1.8	24	9	4.3
9	24	4	2.1	24	3	1.4	24	7	3.3
10	24	4	1.7	24	4	1.8	24	9	5.6
11	24	4	3.2	23	6	3.7	24	13	9.9
12	24	3	2.3	24	4	1.6	24	12	8.9
13	24	2	1.5	24	3	1.6	24	12	8.5
14	24	4	2.3	24	4	2.4	24	12	9.4
15	23	4	3.2	24	4	2.0	23	13	6.5
16	24	3	2.3	24	4	1.7	24	10	5.4
17	24	2	1.2	24	1	0.8	24	8	4.4
18	24	4	2.2	24	3	1.6	24	10	4.8
19	24	3	2.2	24	3	0.8	23	11	6.3
20	24	4	2.7	24	3	1.3	24	8	3.6
21	24	4	2.8	24	4	1.8	24	11	7.1
22	24	4	2.8	20	4	1.9	24	6	3.8
23	24	3	2.3	24	3	2.4	24	12	4.7
24	24	2	1.6	24	2	0.6	24	6	3.5
25	24	6	2.9	24	4	1.5	24	6	3.5
26	24	4	2.9	24	3	1.0	24	9	5.6
27	24	4	3.3	24	4	1.6	24	12	4.6
28	24	5	2.5	24	3	0.4	23	7	3.1
29	24	3	2.5	24	1	0.9	24	10	3.0
30	24	3	2.5	24	1	0.8	24	3	1.5
31	24	3	2.5	24	0	0.0	24	9	4.5

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60401C	67 COLLEGE STREET	742	6	2.5
60410R	LAWRENCE AND KENNEDY	630	6	1.6
60411R	PHARMACY AND HWY 401	740	13	5.0

MONTH: MARCH 1974 CITY: TORONTO

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

STATION 70101C

DAY	NO. OF SAMPLES	MAX	MEAN
1	24	8	4.2
2	24	11	5.1
3	24	10	4.4
4	24	10	4.2
5	24	16	8.4
6	24	12	5.6
7	24	11	5.8
8	24	12	6.3
9	24	13	6.1
10	24	7	4.0
11	11	15	7.3
12			
13	13	5	3.5
14	24	14	5.1
15	24	10	6.2
16	24	11	5.0
17	24	10	3.3
18	24	11	5.0
19	24	12	7.0
20	24	14	6.8
21	24	8	5.3
22	24	18	7.4
23	24	13	4.8
24	2	6	6.0
25	8	14	7.5
26	24	14	6.4
27	24	15	8.8
28	24	8	4.3
29	24	13	5.7
30	24	8	3.4
31	24	12	4.7

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
70101C	KENNEDY ST. & YORK AVE.	658	18	5.5

MONTH: MARCH 1974

CITY: WINNIPEG

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	POINTE AUX TREMBLES
50104	C.F.CHE	45	MONTREAL	1125 CNTARIC, EAST
50109	C.F.CHE	16	MONTREAL	DUNCAN AND DECARIE
60204	C.P.COL	25	WINDSOR	471 UNIVERSITY AVENUE
60401	C.F.CHE	60	TORONTO	67 CCLLEGE STREET
60410	R.P.CHE	16	TORONTO	LAWRENCE AND KENNEDY
60501	C.P.COL	12	HAMILTON	BARTCN AND SANFORD
60602	R.P.COL	12	SUDBURY	ASH STREET
61001	C.P.COL	12	SARNIA	156 VICTORIA STREET
70101	C.F.CHE	20	WINNIPEG	KENNEDY ST. & YORK AVE.
90114	C.P.COU	30	EDMONTON	109 STREET AND 98 AVENUE
90219	C.P.COU	40	CALGARY	620-7TH AVENUE, S.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 SAMPLES	MAX	MEAN	NO. OF SAMPLES	MAX	MEAN	NO. OF SAMPLES	MAX	MEAN
1	24	4	2.0				24	2	0.7
2	24	7	5.1				24	2	1.8
3	24	6	4.2				24	3	1.8
4	24	4	1.3				24	2	0.5
5	24	3	1.3				24	2	0.6
6	24	5	1.9				24	2	1.0
7	24	6	2.5				24	3	0.9
8	24	5	3.0				24	3	1.2
9	23	6	4.1				24	3	1.3
10							24	2	1.0
11							24	2	0.8
12							24	2	1.6
13							24	3	1.3
14							24	2	1.0
15	24	3	1.1				24	2	0.4
16	24	3	1.5	24	3	1.7	24	1	0.3
17	24	5	2.9	24	3	1.9	24	3	1.7
18				24	5	3.0	24	3	1.5
19	24	5	2.5	24	5	2.3	24	2	1.0
20	24	4	2.5	24	4	2.6	24	2	1.2
21	24	6	3.2	24	4	2.7	24	3	1.1
22	24	6	2.5	24	5	2.0	24	3	1.2
23	24	6	2.8	24	2	1.5	23	2	0.7
24	24	6	3.4	24	3	1.5	24	3	1.4
25	24	5	2.9	23	3	1.4	24	2	1.3
26	24	3	1.9	24	5	2.4	24	2	0.9
27	24	6	2.3				24	3	1.2
28	24	6	2.8	24	5	2.7	24	3	1.5
29	24	8	3.5	13	5	3.0	24	3	1.1
30	24	7	3.8	24	5	3.4	24	3	1.6
31	24	7	3.4	24	5	3.6	24	4	2.0

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
50102R	BOTANICAL GARDENS	599	8	2.7
50103R	POINTE AUX TREMBLES	348	5	2.4
50104C	1125 ONTARIO, EAST	743	4	1.1

MONTH: MARCH 1974 CITY: MONTREAL

SUMMARY OF OZONE LEVELS
VALEURS CONDENSEES D'OZONE

STATION 50109C

DAY	NO. OF SAMPLES	MAX	MEAN
1	23	2	0.7
2	24	3	2.0
3	24	3	1.9
4	24	2	0.4
5	24	1	0.3
6	24	1	0.2
7	24	2	0.3
8	24	2	1.0
9	24	3	1.5
10	24	3	1.4
11	24	3	1.1
12	24	3	1.3
13	24	4	1.5
14	24	2	1.1
15	24	1	0.4
16	24	1	0.5
17	24	3	1.8
18			
19			
20			
21			
22	24	2	0.9
23	24	3	1.0
24	24	4	1.8
25			
26			
27			
28	24	3	1.2
29	24	4	1.4
30	24	4	1.7
31	24	5	2.1

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
50109C	DUNCAN AND DECARIE	575	5	1.1

MONTH: MARCH 1974 CITY: MONTREAL

SUMMARY OF OZONE LEVELS
VALEURS CONDENSEES D'OZONE

STATION 60204C

DAY	NO. OF SAMPLES	MAX	MEAN
1	23	2	0.9
2	24	1	0.1
3	24	2	0.9
4	23	2	0.5
5	24	2	0.7
6	23	2	0.3
7	24	2	0.5
8	23	1	0.7
9	24	1	0.3
10	24	2	1.1
11	23	1	0.5
12	24	2	1.3
13	22	2	1.1
14	24	2	0.7
15	24	1	0.4
16	24	2	0.6
17	24	3	2.1
18	13	2	0.6
19	24	1	0.7
20	24	2	0.9
21	22	2	1.0
22	21	2	1.0
23	24	2	1.1
24	24	3	1.8
25	23	3	1.2
26	23	2	0.7
27	24	2	1.0
28	24	2	1.1
29	23	2	0.8
30	24	1	0.4
31	24	2	1.2

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60204C	471 UNIVERSITY AVENUE	718	3	0.8

MONTH: MARCH 1974 CITY: WINDSOR

SUMMARY OF OZONE LEVELS
VALEURS CONDENSEES D'OZONE

DAY	STATION 60401C NO. OF SAMPLES	MAX	MEAN	STATION 60410R NO. OF SAMPLES	MAX	MEAN
1	24	6	1.8	23	4	1.0
2	24	3	1.1	24	3	1.5
3	24	4	1.6	24	3	1.5
4	24	4	1.1	24	2	0.9
5	24	4	2.0	24	3	1.1
6	24	4	1.6	23	2	0.6
7	24	6	2.2	24	2	0.8
8	24	4	2.8	23	4	2.7
9	24	4	2.1	24	4	2.0
10	24	6	3.8	24	4	2.3
11	24	3	1.2	23	2	0.6
12	23	5	3.3	24	4	2.8
13	24	5	3.9	24	4	2.8
14	24	6	3.2	24	4	2.0
15	24	3	1.2	23	3	1.7
16	24	5	2.5	24	4	2.0
17	24	6	5.3	24	4	3.4
18	23	6	3.8	24	4	2.0
19	24	5	3.2	23	2	1.1
20	24	5	3.3	24	4	2.3
21	24	5	3.0	24	3	1.6
22	21	6	2.4	10	3	1.7
23	24	4	2.3	24	4	2.0
24	24	4	3.1	24	4	2.8
25	24	3	1.7	23	3	1.5
26	24	4	1.7	24	3	1.6
27	24	5	2.0	24	3	1.4
28	24	4	2.6	11	5	4.5
29	24	4	2.0	24	5	3.6
30	24	3	1.6	24	4	3.3
31	24	3	1.7	24	4	2.0

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60401C	67 COLLEGE STREET	739	6	2.4
60410R	LAWRENCE AND KENNEDY	710	5	1.9

MONTH: MARCH 1974 CITY: TORONTO

SUMMARY OF OZONE LEVELS
VALEURS CONDENSEES D'OZONE

DAY	STATION 60501C NO. OF SAMPLES	MAX	MEAN
1	24	2	1.1
2	24	1	0.3
3	24	1	0.3
4	24	1	0.6
5	24	2	1.2
6	23	1	1.0
7	24	3	1.5
8	24	2	1.0
9	24	1	0.7
10	24	2	1.5
11	24	2	0.8
12	23	4	1.8
13	23	4	3.0
14	24	3	1.5
15	22	1	0.3
16	24	3	1.3
17	24	3	2.9
18	24	3	2.1
19	24	3	2.1
20	24	3	1.8
21	24	4	2.1
22	24	3	2.1
23	24	3	2.4
24	24	4	2.8
25	24	3	1.5
26	24	3	1.7
27	24	4	1.7
28	24	4	2.0
29	23	3	1.4
30	24	2	0.7
31	24	2	1.6

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60501C	BARTON AND SANFORD	738	4	1.5

MONTH: MARCH 1974 CITY: HAMILTON

SUMMARY OF OZONE LEVELS
VALEURS CONDENSEES D'OZONE

STATICN 60602R

DAY	NO. OF SAMPLES	MAX	MEAN
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14	NO DATA		
15			
16	AVAILABLE		
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MCNTH	MONTHLY MEAN
60602R	ASH STREET			

MONTH: MARCH 1974

CITY: SUDBURY

SUMMARY OF OZONE LEVELS
VALEURS CONDENSEES D'OZCNE

STATION 61001C

DAY	NO. OF SAMPLES	MAX	MEAN
1	23	1	0.7
2	24	1	0.4
3	24	1	0.8
4	24	1	0.6
5	22	1	0.6
6	23	1	0.2
7	21	0	0.0
8	22	0	0.0
9	24	1	0.0
10	24	2	1.1
11	23	2	0.7
12	23	2	1.9
13	23	2	1.8
14	23	2	0.7
15	9	1	0.7
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26	13	3	1.6
27	22	1	0.7
28	24	2	1.3
29	22	1	0.7
30	24	1	0.6
31	24	2	1.3

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MCNTH	MONTHLY MEAN
61001C	156 VICTORIA STREET	461	3	0.8

MONTH: MARCH 1974

CITY: SARNIA

SUMMARY OF OZONE LEVELS
VALEURS CONDENSEES D'OZONE

STATION 70101C

DAY	NO. OF SAMPLES	MAX	MEAN
1	21	2	1.0
2	24	1	0.8
3	24	1	0.9
4	22	1	0.7
5	24	1	0.5
6	24	2	0.8
7	24	1	0.4
8	21	2	0.9
9	24	3	2.0
10	24	4	3.1
11	24	3	1.3
12	24	4	1.9
13	24	4	3.2
14	24	4	2.1
15	24	3	1.6
16	24	3	1.6
17	24	4	2.2
18	15	3	2.0
19	14	2	1.1
20	24	2	1.1
21	20	2	1.2
22	24	2	1.0
23	24	1	0.5
24	24	3	1.4
25	24	3	0.9
26	24	3	1.4
27	24	4	1.6
28	21	4	3.6
29	24	4	1.9
30	24	3	1.6
31	24	3	1.3

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
70101C	KENNEDY ST. & YORK AVE.	710	4	1.5

MONTH: MARCH 1974 CITY: WINNIPEG

SUMMARY OF OZONE LEVELS
VALEURS CONDENSEES D'OZONE

STATION 90114C

DAY	NO. OF SAMPLES	MAX	MEAN
1	24	5	2.8
2	24	1	0.7
3	24	1	0.6
4	24	2	0.8
5	24	2	1.0
6	24	1	0.4
7	24	1	0.5
8	24	1	0.3
9	24	1	0.4
10	24	1	0.3
11	24	1	0.5
12	24	2	1.0
13	24	1	0.9
14	24	1	1.0
15	24	1	0.9
16	24	1	0.8
17	24	2	0.8
18	24	2	0.8
19	24	2	0.9
20	24	1	0.6
21	24	2	1.0
22	24	2	0.6
23	24	1	0.6
24	24	2	0.7
25	24	2	0.9
26	24	2	1.2
27	24	2	1.3
28	24	2	1.0
29	24	2	0.6
30	24	3	1.2
31	24	4	1.5

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
90114C	109 STREET AND 98 AVENUE	744	5	0.9

MONTH: MARCH 1974 CITY: EDMONTON

SUMMARY OF OZONE LEVELS
VALEURS CONDENSEES D'OZONE

STATION 90219C

DAY	NO. OF SAMPLES	MAX	MEAN
1	24	2	1.5
2	24	2	1.4
3	24	2	1.6
4	24	2	1.7
5	24	3	1.8
6	24	1	1.1
7	24	3	1.3
8	24	2	1.3
9	24	3	1.5
10	24	2	1.3
11	24	4	1.8
12	24	3	1.8
13	24	3	1.9
14	24	2	1.5
15	24	3	1.5
16	24	2	1.2
17	24	3	2.0
18	24	2	1.7
19	24	3	1.9
20	24	2	1.6
21	24	2	1.8
22	24	2	1.7
23	24	2	1.1
24	24	3	2.4
25	24	3	2.6
26	24	2	1.6
27	24	2	1.3
28	24	2	1.0
29	24	2	1.3
30	24	2	1.1
31	24	2	1.3

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
90219C	620-7TH AVENUE, S.W.	744	4	1.6

MONTH: MARCH 1974 CITY: CALGARY

SUMMARY OF OZONE LEVELS
VALEURS CONDENSEES D'OZONE

DAY	STATION 00105C NO. OF SAMPLES	MAX	MEAN	STATION 00106R NO. OF SAMPLES	MAX	MEAN	STATION 00108I NO. OF SAMPLES	MAX	MEAN
1	24	2	0.8	24	4	1.9	24	3	2.1
2	24	2	1.5	24	4	3.3	24	4	3.3
3	24	2	0.9	24	4	0.9	24	4	1.2
4	24	2	0.5	24	4	1.0	24	4	1.8
5	24	3	1.2	24	4	3.2	24	4	3.2
6	24	1	0.6	24	4	1.4	24	3	1.3
7	24	2	0.5	24	2	1.0	24	3	1.6
8	22	3	0.8	24	2	0.8	24	3	1.6
9	24	2	0.6	24	3	1.7	24	4	3.6
10	24	2	0.3	24	3	1.8	24	4	2.6
11	24	1	0.2	24	4	1.3	24	4	1.6
12	24	1	0.4	24	4	2.1	24	4	2.4
13	24	2	0.6	24	4	2.2	24	4	2.1
14	24	2	0.4	24	3	1.0	24	4	0.9
15	24	1	0.2	24	2	0.3	24	2	0.6
16	24	1	0.3	24	4	1.9	24	4	1.8
17	24	1	0.3	24	4	1.5	24	4	1.6
18	24	1	0.1	24	3	0.9	24	2	0.6
19	24	1	0.2	24	4	1.2	24	3	0.9
20	24	1	0.1	24	4	1.3	24	4	1.3
21	24	1	0.2	24	4	1.3	24	3	1.1
22	24	1	0.1	24	5	1.3	24	4	1.1
23	24	2	0.3	24	4	1.6	24	4	1.3
24	24	2	0.4	24	5	1.6	24	4	1.2
25	24	1	0.2	24	1	0.1	24	2	0.4
26	13	2	0.6	24	1	0.3	24	3	1.6
27				24	3	1.4	24	3	2.1
28				24	4	2.5	24	4	2.9
29				24	3	1.2	24	3	2.0
30				24	4	2.5	24	4	2.3
31				24	4	1.7	18	3	2.6

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
00105C	739 WEST HASTINGS STREET	611	3	0.5
00106R	2294 WEST 10TH AVENUE	744	5	1.5
00108I	250 WEST 70TH AVENUE	738	4	1.8

MONTH: MARCH 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 mμ 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 mμ. 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

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
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	20	WINNIPEG	KENNEDY ST. & YORK AVE.
70102	R.F	30	WINNIPEG	PORTAGE AT WOODLAWN
70104	I.F	50	WINNIPEG	UNION STOCK YARDS
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	TELEPHCNE 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

DAY	STATION 30310C NO. OF SAMPLES	MAX	MEAN	STATION 30311R NO. OF SAMPLES	MAX	MEAN
1	12	4.1	1.9	12	1.6	1.0
2	12	1.4	0.9	12	1.7	0.9
3	12	1.6	0.8	12	1.3	0.6
4	12	4.0	2.1	12	3.5	1.6
5	12	3.7	1.5	12	3.4	1.6
6	12	4.7	1.1	12	1.8	0.9
7	12	2.2	1.2	12	1.3	1.0
8	12	2.0	1.1	12	0.7	0.3
9	12	2.0	0.7	12	0.8	0.4
10	12	2.0	0.9	12	1.5	0.7
11	12	2.4	1.2	12	1.0	0.5
12	12	0.7	0.3	12	0.6	0.2
13	8	1.2	0.7	12	5.9	3.6
14	8	1.0	0.6	12	2.3	0.9
15	12	1.5	0.7	12	1.1	0.5
16	12	2.0	1.0	12	2.7	1.4
17	12	2.4	1.2	12	1.9	0.8
18	12	3.6	1.6	12	3.2	1.9
19	12	3.0	1.0	12	3.4	1.9
20	12	2.0	0.7	12	1.7	0.7
21	12	2.8	1.1	12	1.4	0.7
22	12	2.6	0.9	12	4.9	1.9
23	12	5.5	1.8	12	6.1	2.0
24	3	2.7	1.3	12	2.1	1.1
25	8	1.6	0.5	12	2.3	0.5
26	12	4.0	1.7	12	2.9	1.5
27	11	5.0	1.3	12	1.3	0.5
28	12	1.4	0.6	12	1.3	0.4
29	7	1.9	1.2	12	1.1	0.4
30				12	2.6	0.9
31				12	1.2	0.5

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
30310C	COUNTY JAIL	321	5.5	1.1
30311R	WHITNEY PIER FIRE STN.	372	6.1	1.0

MONTH: MARCH 1974 CITY: SYDNEY

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

DAY	STATION 30405C NO. OF SAMPLES	MAX	MEAN	STATION 30406R NO. OF SAMPLES	MAX	MEAN
1	12	1.5	0.9			
2	12	2.0	1.0			
3	12	1.7	1.0			
4	12	2.1	1.1			
5	12	1.0	0.6			
6	12	1.9	0.9			
7	12	1.6	0.5			
8	12	2.4	1.2			
9	12	4.3	1.6			
10	12	1.2	0.7			
11	12	2.5	1.1			
12	12	1.1	0.6			
13	12	1.9	0.8			
14	11	3.6	1.3	NO DATA		
15	12	3.0	1.1			
16	12	1.9	1.0	AVAILABLE		
17	12	1.1	0.3			
18	12	1.1	0.7			
19	12	1.7	0.8			
20	12	2.5	1.0			
21	12	0.9	0.4			
22	12	2.5	0.8			
23	12	1.2	0.8			
24	12	1.2	0.5			
25	12	1.0	0.5			
26	12	1.9	1.0			
27	12	3.2	1.2			
28	12	5.9	2.4			
29	12	6.7	3.5			
30	12	1.4	0.6			
31	12	2.2	0.7			

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
30405C	GENERAL HOSPITAL	371	6.7	1.0
30406R	PUMPING STATION ROAD			

MONTH: MARCH 1974 CITY: GLACE BAY

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

DAY	STATION 50101R NO. OF SAMPLES	MAX	MEAN	STATION 50102R NO. OF SAMPLES	MAX	MEAN	STATION 50103R NO. OF SAMPLES	MAX	MEAN
1	12	1.0	0.8	12	1.4	0.9	12	0.6	0.2
2	12	0.8	0.6	12	0.8	0.6	12	0.2	0.1
3	12	0.9	0.5	12	0.6	0.4	12	0.3	0.1
4	12	1.7	0.9	12	1.7	1.0	12	0.5	0.2
5	12	1.6	0.8	12	1.7	0.8	12	0.3	0.1
6	12	1.5	0.9	12	1.5	0.8	12	0.5	0.3
7	12	1.3	0.8	12	1.5	0.8	12	0.7	0.2
8	12	1.3	0.6	12	1.0	0.7	12	0.6	0.1
9	12	1.2	0.5	12	1.0	0.6	12	0.1	0.0
10	12	1.0	0.4	12	1.5	0.7	12	0.3	0.0
11	12	0.8	0.5	12	1.1	0.8	12	0.3	0.0
12	12	0.9	0.6	12	1.0	0.7	12	0.4	0.1
13	12	0.8	0.6	12	0.8	0.6	12	0.2	0.0
14	12	0.6	0.5	12	0.9	0.8	12	0.2	0.1
15	12	0.9	0.6	12	2.0	1.1	12	1.2	0.3
16	12	1.2	0.6	12	1.5	0.7	12	0.8	0.2
17	12	0.8	0.6	12	0.9	0.7	12	0.1	0.0
18	12	0.7	0.5				12	0.3	0.1
19	12	1.1	0.7	12	1.5	0.9	12	0.5	0.2
20	12	0.7	0.5	12	1.5	0.9	12	0.5	0.1
21	12	1.0	0.7	12	1.0	0.6	12	0.4	0.1
22	12	1.1	0.7	12	1.3	0.8	12	0.3	0.1
23	12	1.0	0.7	12	1.2	0.8	12	0.3	0.1
24	12	0.9	0.6	12	1.8	0.8	12	0.6	0.1
25	12	0.8	0.6	12	1.3	0.7	12	0.3	0.1
26	12	2.2	0.8	12	2.0	1.0	12	0.4	0.1
27	12	1.7	0.8	12	1.8	1.0			
28	12	1.8	0.8	12	1.9	1.0	12	0.7	0.1
29	12	2.2	1.1	12	2.4	1.2	6	0.7	0.3
30	12	1.5	0.7	12	0.7	0.5	12	0.2	0.0
31	12	0.8	0.5	12	0.9	0.7	12	0.2	0.0

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
50101R	JARRY PARK	372	2.2	0.7
50102R	BOTANICAL GARDENS	360	2.4	0.8
50103R	POINTE AUX TREMBLES	354	1.2	0.1

MONTH: MARCH 1974 CITY: MONTREAL

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

DAY	STATION 50104C NO. OF SAMPLES	MAX	MEAN	STATION 50105C NO. OF SAMPLES	MAX	MEAN	STATION 50106R NO. OF SAMPLES	MAX	MEAN
1	12	0.8	0.7	12	0.8	0.7			
2	12	0.9	0.7	12	0.8	0.5			
3				12	0.8	0.5			
4	12	2.0	0.9	12	1.4	0.7			
5	12	1.6	0.9	12	1.5	0.8			
6	12	1.0	0.7	12	1.0	0.6			
7	12	1.3	0.7	12	1.2	0.7			
8				12	0.9	0.6			
9	12	0.9	0.5	12	0.7	0.4			
10	12	0.7	0.4	12	0.7	0.4			
11	12	0.6	0.4	12	0.7	0.4			
12	12	0.5	0.3	12	1.2	0.4			
13	12	0.5	0.3	12	0.9	0.3			
14	12	0.8	0.4	12	0.5	0.3	NO DATA		
15	12	1.4	0.7	12	1.1	0.4			
16	2	1.3	1.1	12	0.9	0.5	AVAILABLE		
17				12	0.7	0.4			
18				12	0.8	0.4			
19	12	1.4	0.9	12	1.0	0.7			
20	12	1.1	0.8	12	1.2	0.7			
21	12	1.7	1.1	12	1.3	1.0			
22	12	1.0	0.7	12	1.1	0.7			
23	12	1.3	0.8	12	1.3	0.8			
24	12	1.6	0.7	12	1.6	0.7			
25	11	0.9	0.7	12	1.0	0.6			
26	12	1.6	1.0	12	1.1	0.7			
27	12	1.6	0.8	12	1.2	0.8			
28	12	1.9	0.9	12	1.2	0.8			
29	12	2.0	1.0	12	1.7	1.1			
30	12	1.2	0.9	12	1.6	0.9			
31	12	1.1	0.7	12	1.4	0.9			

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
50104C	1125 ONTARIO, EAST	313	2.0	0.7
50105C	1212 DRUMMOND	372	1.7	0.6
50106R	VILLE ST. LAURENT			

MONTH: MARCH 1974 CITY: MONTREAL

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

DAY	STATION 50107R NO. OF SAMPLES	MAX	MEAN	STATION 50109C NO. OF SAMPLES	MAX	MEAN
1	12	1.3	0.3	12	0.5	0.2
2	12	0.5	0.1	12	0.4	0.2
3				12	0.3	0.2
4				12	0.5	0.3
5				12	0.7	0.3
6	12	0.4	0.2	12	2.7	0.7
7	12	1.2	0.3	12	1.5	0.5
8	12	2.0	0.7	12	0.3	0.1
9	12	0.6	0.1	12	0.3	0.2
10	12	0.2	0.1	12	0.3	0.1
11	12	2.6	0.5	12	0.3	0.2
12	12	2.2	0.7	12	0.3	0.1
13	12	1.0	0.2	12	0.4	0.2
14	12	0.6	0.2	12	0.3	0.2
15	12	1.8	0.9	12	0.6	0.4
16	12	1.0	0.5	12	0.3	0.2
17	12	1.6	0.7	12	0.3	0.1
18	12	0.9	0.3	12	0.2	0.1
19	12	1.2	0.4	12	0.6	0.2
20	12	1.3	0.5	12	0.4	0.2
21	12	2.8	0.6	12	0.3	0.2
22	12	1.9	0.4	12	0.5	0.2
23	12	0.5	0.2	12	0.5	0.2
24	12	1.0	0.2	12	0.2	0.1
25	12	0.5	0.2	12	0.5	0.2
26	12	0.8	0.3	12	0.6	0.4
27	12	0.7	0.4	12	0.8	0.4
28	12	2.8	1.2	12	1.4	0.4
29	12	1.0	0.4	12	1.7	0.4
30	12	0.5	0.2	12	0.3	0.1
31	12	2.4	0.6	12	0.3	0.2

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
50107R	VILLE LASALLE	336	2.8	0.4
50109C	DUNCAN AND DECARIE	372	2.7	0.2

MONTH: MARCH 1974 CITY: MONTREAL

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

STATION 50201C

DAY	NO. OF SAMPLES	MAX	MEAN
1	12	0.6	0.2
2	12	0.7	0.3
3	12	1.6	0.4
4	12	0.8	0.3
5	12	0.8	0.2
6	12	0.6	0.3
7	12	0.7	0.2
8	12	0.5	0.2
9	12	0.5	0.3
10	12	0.4	0.2
11	12	0.5	0.2
12	12	0.3	0.2
13	12	0.4	0.2
14	12	0.5	0.2
15	12	1.2	0.6
16	12	0.7	0.4
17	12	0.5	0.2
18	12	0.6	0.3
19	12	0.4	0.2
20	12	0.4	0.2
21	12	0.8	0.4
22	12	0.4	0.2
23	12	0.5	0.3
24	12	0.6	0.3
25	12	0.4	0.3
26	12	0.8	0.5
27	12	0.6	0.3
28	12	0.6	0.3
29	12	1.3	0.6
30	12	0.5	0.4
31	12	0.5	0.3

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
50201C	RUE PRINCIPALE	372	1.6	0.3

MONTH: MARCH 1974 CITY: HULL

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

DAY	STATION 60101C NO. OF SAMPLES	MAX	MEAN	STATION 60102R NO. OF SAMPLES	MAX	MEAN	STATION 60103C NO. OF SAMPLES	MAX	MEAN
1	12	0.9	0.5	12	0.3	0.1	12	0.5	0.2
2	12	0.6	0.4	12	0.4	0.2	12	0.6	0.3
3	12	0.5	0.3	12	0.4	0.1	12	0.5	0.3
4	12	3.2	1.0	12	0.3	0.2	12	0.9	0.4
5	12	0.7	0.3	12	0.6	0.2	11	0.6	0.3
6	12	1.0	0.5	12	0.3	0.1	12	0.7	0.4
7	12	0.9	0.4	12	0.4	0.2	12	0.7	0.3
8	12	1.0	0.4	12	0.3	0.1	12	0.6	0.2
9	12	0.6	0.3	12	0.3	0.2	12	0.5	0.2
10	12	0.9	0.5	12	0.5	0.2	12	0.6	0.2
11	12	0.8	0.4	12	0.5	0.2	12	0.2	0.1
12	12	0.5	0.3	12	2.2	0.3	12	0.5	0.2
13	12	1.0	0.5	12	0.3	0.1	12	0.5	0.2
14	12	0.7	0.5	12	0.3	0.1	12	0.3	0.2
15	12	1.4	0.7	12	0.7	0.3	12	0.5	0.2
16	12	0.8	0.4	12	0.6	0.3	12	0.3	0.1
17	12	1.0	0.4	12	0.2	0.1	12	0.5	0.2
18	12	0.8	0.4	12	0.6	0.2	12	0.5	0.2
19	12	0.6	0.5	12	0.6	0.2	12	0.3	0.1
20	12	1.1	0.5	12	0.3	0.1	12	0.5	0.2
21	12	1.4	0.6	12	0.8	0.2	12	0.3	0.1
22	12	1.0	0.7	12	0.3	0.1	12	0.4	0.2
23	12	0.5	0.3	12	0.6	0.2	12	0.3	0.0
24	12	0.6	0.3	12	0.3	0.1	12	0.1	0.0
25	12	0.7	0.4	12	0.8	0.2	12	0.2	0.1
26	12	1.0	0.6	12	0.8	0.4	12	0.3	0.1
27	12	0.7	0.5	12	0.6	0.2	12	0.2	0.1
28	12	0.6	0.3	12	0.3	0.1	12	0.3	0.0
29	12	1.1	0.6	12	0.8	0.3	3	0.4	0.2
30	12	0.7	0.3	11	0.5	0.2			
31	12	0.7	0.3	12	0.4	0.1			

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60101C	SLATER AND ELGIN	372	3.2	0.4
60102R	EXPERIMENTAL FARM	371	2.2	0.2
60103C	GILMOUR STREET	338	0.9	0.2

MONTH: MARCH 1974 CITY: OTTAWA

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

DAY	STATION 60201I NO. OF SAMPLES	MAX	MEAN	STATION 60204C NO. OF SAMPLES	MAX	MEAN
1	21	0.2	0.1	24	0.5	0.3
2	24	0.5	0.3	24	0.8	0.4
3	24	0.4	0.1	24	0.5	0.3
4	23	0.6	0.2	24	1.0	0.4
5	24	0.5	0.2	23	0.4	0.3
6	24	0.4	0.2	24	0.8	0.4
7	24	0.9	0.2	24	1.2	0.4
8	24	0.5	0.1	23	0.5	0.2
9	24	0.8	0.3	24	1.1	0.5
10	24	0.3	0.1	24	0.4	0.2
11	22	0.2	0.1	23	0.5	0.3
12	24	0.1	0.1	24	0.4	0.2
13	23	0.4	0.2	24	0.4	0.2
14	23	0.9	0.3	23	0.8	0.5
15	17	0.5	0.2	23	0.6	0.3
16	24	0.4	0.2	24	0.8	0.4
17	23	0.5	0.2	23	0.4	0.2
18	23	0.3	0.2	24	0.8	0.3
19	20	0.4	0.2	23	0.6	0.3
20	24	0.4	0.1	24	1.0	0.3
21	22	0.6	0.2	22	1.0	0.3
22	24	0.3	0.1	24	0.6	0.2
23	24	0.5	0.2	24	0.7	0.2
24	23	0.3	0.1	24	0.3	0.1
25	22	0.4	0.1	22	0.5	0.3
26	19	0.6	0.3	20	1.1	0.4
27	20	0.4	0.1	20	0.6	0.3
28	18	0.6	0.1	19	0.4	0.2
29	20	0.3	0.0	14	0.3	0.2
30	17	0.7	0.3	19	0.7	0.4
31	22	0.5	0.2	24	0.5	0.2

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60201I	MORTON TERMINAL DOCK	690	0.9	0.2
60204C	471 UNIVERSITY AVENUE	705	1.2	0.3

MONTH: MARCH 1974 CITY: WINDSOR

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

DAY	STATION 60401C NO. OF SAMPLES	MAX	MEAN	STATION 60402R NO. OF SAMPLES	MAX	MEAN	STATION 60403I NO. OF SAMPLES	MAX	MEAN
1	24	0.8	0.4	21	0.6	0.3	24	0.6	0.4
2	24	0.6	0.4	24	0.4	0.3	24	0.7	0.4
3	24	1.6	0.6	24	1.0	0.4	24	1.1	0.5
4	24	1.0	0.5	24	1.1	0.4	24	1.4	0.6
5	24	1.0	0.4	24	0.5	0.2	23	0.9	0.4
6	24	0.8	0.5	24	0.6	0.5	24	0.9	0.6
7	24	0.8	0.4	24	0.6	0.3	24	0.9	0.4
8	24	0.7	0.2	24	0.2	0.1	24	0.4	0.2
9	24	0.8	0.3	24	0.6	0.2	24	0.7	0.3
10	24	0.9	0.2	24	1.5	0.2	24	0.5	0.1
11	24	2.5	0.6	23	1.1	0.4	23	1.3	0.6
12	24	0.4	0.2	24	0.3	0.1	23	0.8	0.3
13	24	0.3	0.2	23	0.1	0.1	23	0.4	0.2
14	24	0.5	0.2	22	0.5	0.1	22	0.7	0.3
15	24	0.8	0.4	17	0.8	0.4	17	1.3	0.5
16	24	0.5	0.2	24	0.3	0.2	24	0.6	0.3
17	24	0.2	0.1	24	0.4	0.1	24	0.4	0.1
18	24	0.5	0.2	23	0.4	0.2	23	0.5	0.3
19	23	0.5	0.2	24	0.5	0.2	24	0.5	0.4
20	24	0.5	0.2	24	3.4	0.3	13	0.6	0.4
21	24	0.6	0.3	23	0.5	0.2			
22	24	0.7	0.3	23	0.5	0.2	14	2.1	0.4
23	24	0.5	0.3	24	0.4	0.2	24	0.4	0.2
24	24	0.4	0.2	24	0.4	0.1	24	0.9	0.2
25	12	0.6	0.4	22	0.6	0.3	22	0.7	0.3
26	20	0.9	0.4	19	1.0	0.3	19	1.0	0.4
27	18	0.7	0.4	20	0.4	0.3	20	0.5	0.4
28	10	0.6	0.3	19	0.2	0.1	20	0.6	0.2
29	15	0.5	0.2	13	0.2	0.2	18	0.4	0.2
30	18	0.3	0.3	19	0.2	0.1	19	0.7	0.2
31	24	0.7	0.3	24	0.3	0.2	24	0.5	0.3

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60401C	67 COLLEGE STREET	692	2.5	0.3
60402R	DON MILLS, SCIENCE CNTR	695	3.4	0.2
60403I	EVANS AND ARNOLD	659	2.1	0.3

MONTH: MARCH 1974 CITY: TORONTO

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

DAY	STATION 60410R NO. OF SAMPLES	MAX	MEAN	STATION 60411R NO. OF SAMPLES	MAX	MEAN
1	22	1.5	0.5	12	1.7	0.8
2	7	0.4	0.3	12	0.7	0.4
3				12	1.3	0.4
4				12	2.3	0.9
5				12	1.3	0.5
6	13	0.9	0.6	11	1.1	0.5
7	22	1.0	0.4	12	0.9	0.5
8	23	0.3	0.1	12	1.1	0.5
9	24	0.7	0.3	12	0.6	0.3
10	24	0.4	0.2	12	0.5	0.2
11	11	1.7	0.9	12	1.5	0.7
12				12	1.1	0.6
13				12	0.9	0.4
14				12	1.5	0.6
15				11	1.4	0.6
16				12	0.8	0.3
17				12	0.5	0.2
18				12	0.7	0.3
19				12	1.0	0.6
20				12	1.3	0.3
21				12	1.3	0.6
22	8	0.5	0.4	12	0.7	0.2
23	24	0.4	0.2	12	0.9	0.2
24	24	0.3	0.2	12	0.3	0.1
25	22	0.8	0.4	12	0.9	0.3
26	19	1.1	0.4	12	1.3	0.6
27	20	0.8	0.4	12	0.9	0.4
28	17	1.6	0.2	11	0.9	0.4
29	13	0.3	0.2	12	0.8	0.3
30	19	0.2	0.1	12	0.3	0.2
31	24	0.4	0.2	12	0.5	0.2

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60410R	LAWRENCE AND KENNEDY	336	1.7	0.3
60411R	PHARMACY AND HWY 401	369	2.3	0.4

MONTH: MARCH 1974 CITY: TORONTO

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

DAY	STATION 60501C NO. OF SAMPLES	MAX	MEAN	STATION 60505R NO. OF SAMPLES	MAX	MEAN
1	21	0.9	0.5	12	0.7	0.4
2	24	1.7	0.7	12	0.5	0.2
3	24	1.4	0.8	12	0.9	0.3
4	24	2.0	0.7	12	0.9	0.3
5	24	0.7	0.3	11	1.0	0.5
6	24	0.7	0.5	12	1.5	0.8
7	24	0.7	0.3	12	0.9	0.5
8	24	1.4	0.5	12	0.6	0.2
9	24	1.2	0.5	12	0.4	0.2
10	24	0.5	0.1	12	0.4	0.1
11	24	0.9	0.4	12	0.7	0.4
12	24	1.5	0.4	12	0.6	0.2
13	24	0.4	0.1	3	0.4	0.2
14	24	0.6	0.3			
15	24	1.1	0.5			
16	24	0.9	0.5			
17	24	0.3	0.2			
18	24	0.5	0.3			
19	21	0.6	0.4			
20	24	1.1	0.6			
21	23	1.0	0.5	5	1.5	0.7
22	24	0.5	0.3	12	1.1	0.7
23	24	1.1	0.4	12	1.9	0.6
24	24	0.8	0.3	12	0.6	0.3
25	22	0.9	0.4	12	2.2	0.9
26	20	1.2	0.6	12	1.9	0.9
27	20	0.6	0.4	12	1.2	0.7
28	19	1.8	0.6	12	1.0	0.3
29	14	1.3	0.8	11	0.7	0.2
30	19	1.7	0.9	12	0.5	0.2
31	24	0.9	0.4	12	1.0	0.3

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60501C	BARTON AND SANFORD	707	2.0	0.4
60505R	NORTH PARK	270	2.2	0.4

MONTH: MARCH 1974 CITY: HAMILTON

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

STATION 60602R

DAY	NO. OF SAMPLES	MAX	MEAN
1	16	0.1	0.0
2	24	0.1	0.0
3	21	0.0	0.0
4	24	0.0	0.0
5	24	0.0	0.0
6	24	0.2	0.1
7	21	0.1	0.0
8	17	0.1	0.0
9	24	0.0	0.0
10	24	0.5	0.1
11	24	0.1	0.0
12	17	0.2	0.0
13	12	0.3	0.0
14	24	0.3	0.0
15	24	0.2	0.1
16	24	0.3	0.1
17	21	0.4	0.0
18	20	0.0	0.0
19	19	0.1	0.0
20	19	0.1	0.0
21	18	0.0	0.0
22	22	0.1	0.0
23	18	0.1	0.0
24	15	0.1	0.0
25	23	0.0	0.0
26	24	0.5	0.0
27	19	0.0	0.0
28	14	0.0	0.0
29	12	0.1	0.0
30	21	0.1	0.0
31			

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60602R	ASH STREET	609	0.5	0.0

MONTH: MARCH 1974

CITY: SUDBURY

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

STATION 60901C

DAY	NO. OF SAMPLES	MAX	MEAN
1	24	0.2	0.0
2	21	0.5	0.3
3	24	0.1	0.1
4	24	0.1	0.1
5	24	0.1	0.0
6	23	0.2	0.1
7	17	0.3	0.1
8	14	2.4	0.6
9	12	2.2	0.7
10	16	3.8	0.8
11	23	1.0	0.1
12	24	0.4	0.1
13	23	0.7	0.1
14	23	0.1	0.0
15	17	0.1	0.0
16	24	0.2	0.0
17	24	0.3	0.0
18	23	0.4	0.1
19	23	0.1	0.0
20	24	0.1	0.0
21	23	0.2	0.0
22	24	0.2	0.1
23	24	0.1	0.0
24	2	0.0	0.0
25	11	1.9	0.3
26	18	0.2	0.1
27	19	0.2	0.0
28	17	0.2	0.0
29	20	0.5	0.1
30	19	0.9	0.1
31	21	0.1	0.0

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60901C	KING AND RECTORY	625	3.8	0.1

MONTH: MARCH 1974

CITY: LONDON

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

STATION 61001C

DAY	NO. OF SAMPLES	MAX	MEAN
1	22	0.4	0.2
2	24	0.8	0.5
3	24	0.5	0.3
4	24	0.4	0.2
5	24	0.6	0.3
6	24	1.1	0.6
7	23	0.8	0.3
8	23	0.2	0.1
9	24	0.4	0.2
10	24	0.3	0.1
11	23	0.8	0.3
12	24	0.2	0.1
13	23	0.4	0.1
14	23	0.3	0.1
15	17	1.8	0.2
16	24	1.9	0.5
17	24	0.6	0.1
18	23	0.5	0.3
19	22	0.6	0.2
20	23	0.7	0.2
21	23	0.3	0.2
22	24	0.8	0.3
23	24	0.3	0.2
24	24	0.6	0.2
25	21	0.9	0.3
26	19	1.0	0.3
27	20	1.2	0.5
28	19	0.8	0.1
29	20	0.2	0.1
30	19	0.6	0.2
31	24	1.5	0.3

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
61001C	156 VICTORIA STREET	699	1.9	0.2

MONTH: MARCH 1974

CITY: SARNIA

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

DAY	STATION 70101C NO. OF SAMPLES	MAX	MEAN	STATION 70102R NO. OF SAMPLES	MAX	MEAN	STATION 70104I NO. OF SAMPLES	MAX	MEAN
1	24	0.5	0.3				12	2.0	1.1
2	24	0.7	0.4				22	1.0	0.4
3	24	0.9	0.4				24	1.0	0.3
4	24	1.3	0.7				14	0.7	0.3
5	24	1.6	0.6				24	2.0	0.8
6	24	0.9	0.5				22	1.6	0.7
7	24	1.2	0.6				24	1.2	0.5
8	24	0.7	0.4				24	0.6	0.2
9	24	1.2	0.5				11	1.5	0.6
10	24	0.6	0.3				23	0.5	0.2
11	24	1.9	0.7				24	1.5	0.6
12	24	0.7	0.3				23	0.7	0.4
13	24	0.5	0.3				24	0.7	0.3
14	24	0.8	0.5	NO DATA			24	1.0	0.4
15	24	0.9	0.5				24	1.1	0.4
16	24	1.1	0.5	AVAILABLE			24	1.4	0.4
17	24	0.5	0.3				24	0.7	0.3
18	24	0.9	0.6				24	2.3	0.7
19	24	2.2	0.8				24	2.1	0.9
20	23	1.1	0.5				24	1.2	0.6
21	24	1.1	0.6				17	1.4	0.5
22	24	1.2	0.6				13	3.2	0.8
23	24	0.7	0.4				23	1.2	0.6
24	24	0.8	0.4				23	1.0	0.5
25	24	2.7	0.7				13	2.4	1.1
26	24	1.3	0.7						
27	24	1.1	0.6						
28	24	0.5	0.3				14	1.1	0.5
29	24	1.7	0.6				24	1.1	0.5
30	24	0.5	0.3				23	0.8	0.4
31	24	0.7	0.4				24	0.7	0.3

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
70101C	KENNEDY ST. & YORK AVE.	743	2.7	0.5
70102R	PORTAGE AT WOODLAWN			
70104I	UNION STOCK YARDS	613	3.2	0.5

MONTH: MARCH 1974

CITY: WINNIPEG

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

DAY	STATION 80102R NO. OF SAMPLES	STATION 80102R MAX	STATION 80102R MEAN	STATION 80108C NO. OF SAMPLES	STATION 80108C MAX	STATION 80108C 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						
31						

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
80102R	3211 ALBERT STREET			
80108C	12TH AND SMITH			

MONTH: MARCH 1974 CITY: REGINA

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

DAY	STATION 80202C NO. OF SAMPLES	STATION 80202C MAX	STATION 80202C MEAN	STATION 80203R NO. OF SAMPLES	STATION 80203R MAX	STATION 80203R 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						
31						

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
80202C	CITY LIBRARY			
80203R	MOUNT ROYAL LODGE			

MONTH: MARCH 1974 CITY: SASKATOON

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

STATION 80301C

DAY	NO. OF SAMPLES	MAX	MEAN
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14	NO DATA		
15			
16	AVAILABLE		
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
80301C	TELEPHONE BUILDING			

MONTH: MARCH 1974 CITY: MOOSE JAW

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

STATION 80401C

DAY	NO. OF SAMPLES	MAX	MEAN
1	22	4.0	0.4
2	24	0.5	0.2
3	24	1.5	0.6
4	24	1.2	0.5
5	24	2.7	1.2
6	24	1.6	1.1
7	24	1.6	0.8
8	24	1.2	0.5
9	24	1.0	0.5
10	24	1.0	0.3
11	24	0.7	0.3
12	24	0.6	0.3
13	24	0.6	0.3
14	24	1.6	0.2
15	24	0.8	0.3
16	24	1.2	0.3
17	24	0.7	0.2
18	23	2.2	0.7
19	24	2.0	0.7
20	24	2.0	1.2
21	23	2.1	1.1
22	24	4.1	1.2
23	24	1.2	0.7
24	24	2.0	1.0
25	24	2.4	1.3
26	24	2.2	1.0
27	24	1.1	0.6
28	24	1.4	0.6
29	24	2.3	1.4
30	24	1.1	0.7
31	24	0.8	0.4

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
80401C	49-12TH STREET EAST	740	4.1	0.7

MONTH: MARCH 1974 CITY: PRINCE ALBERT

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

	STATION 90109I			STATION 90118R			STATION 90123C		
DAY	NO. OF SAMPLES	MAX	MEAN	NO. OF SAMPLES	MAX	MEAN	NO. OF SAMPLES	MAX	MEAN
1				12	0.8	0.4	12	0.5	0.2
2				12	0.7	0.2	12	0.0	0.0
3				12	0.6	0.2	12	0.0	0.0
4	5	0.2	0.0	12	1.6	0.3	12	0.0	0.0
5	12	0.0	0.0	12	0.3	0.1	12	0.0	0.0
6	12	0.0	0.0	12	0.8	0.3	12	0.3	0.1
7	12	0.0	0.0	12	0.7	0.4	12	0.0	0.0
8	12	0.0	0.0	12	0.5	0.2	12	0.2	0.0
9	12	0.2	0.1	12	0.3	0.1	12	0.0	0.0
10	12	0.2	0.0	12	0.8	0.5	12	0.0	0.0
11	12	0.0	0.0	12	0.2	0.0	12	0.0	0.0
12	12	0.5	0.2	12	0.6	0.1	12	0.0	0.0
13	12	0.5	0.1	12	0.3	0.1	12	0.0	0.0
14	12	0.0	0.0	12	0.3	0.1	12	0.0	0.0
15	12	0.0	0.0	12	0.3	0.1	12	0.0	0.0
16	12	0.0	0.0	12	0.0	0.0	12	0.3	0.0
17	12	0.3	0.1	12	0.7	0.3	12	0.0	0.0
18	12	0.2	0.0	12	0.3	0.1	12	0.0	0.0
19	12	0.0	0.0	12	0.7	0.1	12	0.2	0.1
20	12	0.0	0.0	12	0.8	0.3	12	0.0	0.0
21	12	0.3	0.2	12	2.7	0.7	12	0.0	0.0
22	12	0.4	0.2	12	1.0	0.7	12	0.0	0.0
23	12	0.3	0.1	12	0.8	0.2	12	0.4	0.1
24	12	0.3	0.1	12	1.3	0.6	12	0.7	0.2
25	12	0.3	0.1	12	0.8	0.3	12	0.4	0.2
26	12	0.3	0.1	12	0.3	0.2	12	0.2	0.0
27	12	0.3	0.2	12	0.2	0.1	12	0.3	0.1
28	12	0.7	0.2	12	1.4	0.7	12	0.0	0.0
29	12	0.8	0.3	12	1.3	0.5	12	0.0	0.0
30	12	0.6	0.1	12	0.3	0.2	12	0.6	0.2
31	12	0.8	0.2	12	1.5	0.6	12	0.7	0.2

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
90109I	149 ST. AND 115 AVENUE	329	0.8	0.1
90118R	73 AVENUE AND 95 STREET	372	2.7	0.3
90123C	100 ST. AND 102 AVENUE	372	0.7	0.0

MONTH: MARCH 1974 CITY: EDMONTON

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

	STATION 90216R			STATION 90218I			STATION 90219C		
DAY	NO. OF SAMPLES	MAX	MEAN	NO. OF SAMPLES	MAX	MEAN	NO. OF SAMPLES	MAX	MEAN
1	12	0.6	0.2	12	1.3	0.4	24	2.6	0.4
2	12	0.6	0.2	12	0.3	0.1	24	0.3	0.1
3	12	0.3	0.1	12	0.4	0.1	24	0.4	0.1
4	12	0.6	0.2	12	0.6	0.2	24	0.8	0.2
5	12	1.4	0.4	12	0.7	0.3	24	0.9	0.2
6	12	0.9	0.2	12	0.6	0.2	24	0.4	0.1
7	12	0.9	0.5	12	1.0	0.3	24	1.3	0.3
8	12	1.0	0.4	12	0.6	0.3	24	0.9	0.2
9	12	0.9	0.4	12	1.0	0.4	24	0.9	0.4
10	12	1.4	0.3	12	0.9	0.2	24	0.6	0.2
11	12	0.9	0.4	12	1.0	0.3	24	0.9	0.3
12	12	0.9	0.3	12	0.6	0.2	24	0.6	0.1
13	12	0.6	0.2	12	0.4	0.2	24	0.4	0.1
14	12	0.6	0.1	12	0.6	0.2	24	0.8	0.1
15	12	0.6	0.2	12	0.5	0.1	24	0.5	0.1
16	12	0.6	0.2	12	0.5	0.2	24	0.8	0.2
17	12	0.7	0.2	12	0.6	0.2	24	0.6	0.2
18	12	0.3	0.1	12	0.6	0.1	24	0.7	0.2
19	12	0.4	0.1	12	0.7	0.3	24	0.6	0.1
20	12	0.3	0.1	12	0.6	0.2	24	0.6	0.4
21	12	0.6	0.3	12	0.7	0.2	24	0.8	0.3
22	12	0.7	0.2	12	0.6	0.2	24	0.9	0.4
23	12	0.9	0.2	12	0.6	0.1	24	0.5	0.3
24	12	0.4	0.1	12	0.6	0.1	24	0.9	0.2
25	12	0.6	0.2	12	0.6	0.2	24	0.8	0.3
26	12	0.6	0.1	12	0.6	0.2	24	0.9	0.3
27	12	0.7	0.2	12	0.7	0.4	24	1.2	0.6
28	12	1.2	0.4	12	0.7	0.3	24	0.9	0.4
29	12	0.9	0.3	12	0.6	0.2	24	0.9	0.5
30	12	0.9	0.3	12	0.7	0.2	24	0.6	0.2
31	12	0.2	0.1	12	0.4	0.2	24	0.9	0.2

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
90216R	WATERWORKS PLANT	372	1.4	0.2
90218I	BONNY BRK & 18A ST. S.E.	372	1.3	0.2
90219C	620-7TH AVENUE, S.W.	744	2.6	0.3

MONTH: MARCH 1974 CITY: CALGARY

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

DAY	STATION 00102R NO. OF SAMPLES	MAX	MEAN	STATION 00105C NO. OF SAMPLES	MAX	MEAN	STATION 00106R NO. OF SAMPLES	MAX	MEAN
1	12	0.7	0.3	12	0.4	0.2	12	0.6	0.2
2	12	0.5	0.2	12	0.4	0.1	12	0.2	0.0
3	12	0.7	0.4	12	0.4	0.3	12	0.6	0.3
4	12	0.8	0.3	12	0.8	0.4	12	1.9	0.7
5				12	0.4	0.1	12	0.4	0.1
6				11	0.6	0.2	11	0.9	0.4
7				12	1.2	0.4	12	0.7	0.4
8				12	0.8	0.3	12	1.0	0.4
9				12	0.6	0.3	12	0.4	0.2
10				12	0.6	0.4	12	0.4	0.2
11				10	0.9	0.4	12	1.2	0.4
12				12	0.8	0.3	12	0.4	0.2
13				12	0.7	0.4	12	0.6	0.2
14				11	1.2	0.5	12	0.6	0.4
15				12	0.8	0.5	12	1.0	0.5
16				12	0.6	0.2	12	0.6	0.2
17				11	1.0	0.4	12	0.8	0.4
18				9	1.2	0.6	12	1.1	0.4
19				12	1.2	0.6	12	5.5	1.0
20				12	0.9	0.6	12	1.5	0.6
21				9	0.8	0.4	12	1.5	0.7
22				10	1.8	1.0	12	1.6	0.8
23				12	1.4	0.7	12	1.0	0.5
24				12	0.8	0.5	12	1.2	0.6
25				10	1.4	0.5	12	1.4	0.8
26				12	0.8	0.4	12	0.9	0.6
27				12	0.6	0.3	12	0.5	0.3
28				11	0.8	0.4	12	0.6	0.2
29				9	0.8	0.3	12	0.5	0.3
30				12	0.4	0.2	12	0.6	0.2
31				12	0.3	0.2	12	0.3	0.2

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
00102R	100 RICHMOND STREET	48	0.8	0.3
00105C	739 WEST HASTINGS STREET	353	1.8	0.4
00106R	2294 WEST 10TH AVENUE	371	5.5	0.4

MONTH: MARCH 1974 CITY: VANCOUVER

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

DAY	STATION 00108I NO. OF SAMPLES	MAX	MEAN
1			
2			
3			
4	6	0.4	0.2
5	12	0.5	0.2
6	12	0.7	0.3
7	12	0.7	0.2
8	12	0.5	0.2
9	12	0.6	0.1
10	12	0.6	0.3
11	12	0.8	0.3
12	11	0.8	0.2
13	7	0.8	0.4
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27	8	0.5	0.2
28	12	0.6	0.2
29	12	0.5	0.2
30	12	0.4	0.2
31	12	0.3	0.1

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
00108I	250 WEST 70TH AVENUE	164	0.8	0.2

MONTH: MARCH 1974 CITY: VANCOUVER

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

STATION 00301C

DAY	NO. OF SAMPLES	MAX	MEAN
1	12	1.3	0.7
2	12	1.7	0.3
3	12	1.2	0.6
4	12	0.8	0.3
5	12	0.6	0.3
6	12	1.1	0.4
7	12	0.8	0.4
8	12	1.4	0.7
9	12	0.5	0.2
10	12	0.7	0.3
11	12	1.2	0.5
12	12	0.8	0.4
13	12	1.0	0.3
14	12	0.6	0.4
15	12	1.1	0.4
16	12	1.1	0.5
17	12	1.5	0.4
18	12	2.1	1.2
19	12	1.2	0.5
20	12	1.8	0.9
21	12	2.4	1.0
22	12	2.4	0.8
23	12	1.6	0.8
24	12	1.5	0.6
25	12	0.7	0.5
26	12	0.6	0.3
27	12	0.8	0.4
28	12	0.6	0.3
29	12	0.6	0.3
30	12	0.8	0.3
31	12	0.3	0.1

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
00301C	POLICE STATION, FISGUARD	372	2.4	0.5

MONTH: MARCH 1974 CITY: VICTORIA

SUMMARY OF SOILING INDEX LEVELS
VALEURS CONDENSEES DES INDICES DE SOUILLURE

STATION 09001C

DAY	NO. OF SAMPLES	MAX	MEAN
1	24	2.1	0.9
2	24	2.0	0.6
3	24	1.1	0.5
4	24	1.6	0.6
5	24	2.2	0.7
6	24	2.5	1.4
7	23	4.2	1.2
8	24	3.2	1.4
9	24	2.3	1.2
10	24	1.1	0.4
11	24	2.1	0.6
12	24	2.4	0.9
13	24	3.0	0.9
14	24	1.1	0.5
15	24	2.3	1.0
16	24	2.2	0.9
17	24	2.3	0.5
18	23	2.7	1.3
19	24	2.1	1.0
20	15	1.6	1.1
21			
22			
23			
24			
25	8	0.3	0.2
26	23	0.5	0.3
27	24	0.6	0.2
28	24	0.4	0.2
29	24	0.3	0.2
30	24	0.5	0.2
31	24	0.3	0.2

STATION	LOCATION	TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
09001C	FEDERAL BUILDING	620	4.2	0.7

MONTH: MARCH 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
61102	C.P	10	PETERBOROUGH	139 GEORGE STREET
70101	C.F	57	WINNIPEG	KENNEDY ST. & YORK AVE.
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
3	63	0.3
9	69	0.2
15	19	0.3
21	67	0.5
27	52	0.5

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
10101C	DUCKWORTH AND ORDINANCE	S.P.	5	69	54
		LEAD	5	0.5	0.4

MONTH: MARCH 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
3		
9	88	0.5
15	112	0.5
21	27	1.0
27	75	0.2

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
20101C	KENT AND QUEEN	S.P.	4	112	76
		LEAD	4	1.0	0.5

MONTH: MARCH 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
3					24	0.1
9					39	0.1
15	61	0.2			33	0.3
21	44	0.2	50	0.2	41	0.2
27	57	0.3	44	0.2	33	0.0

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
30101C	N.S. TECHNICAL COLLEGE	S.P.	3	61	54
		LEAD	3	0.3	0.2
30102R	DALHOUSIE UNIVERSITY	S.P.	2	50	47
		LEAD	2	0.2	0.2
30114R	MT ST VINCENT UNIVERSITY	S.P.	5	41	34
		LEAD	5	0.3	0.1

MONTH: MARCH 1974 CITY: HALIFAX

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

	STATION 30115I	
DAY	S.P.	LEAD
3	26	0.0
9	19	0.0
15	24	0.2
21	31	0.0
27	37	0.1

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
30115I	CFB SHEARWATER	S.P.	5	37	27
		LEAD	5	0.2	0.0

MONTH: MARCH 1974 CITY: HALIFAX

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

	STATION 30310C		STATION 30311R	
DAY	S.P.	LEAD	S.P.	LEAD
3	67	0.1	87	0.3
8	145	0.3	284	0.4
13	78	0.5	356	0.6
18			320	1.8
23	78	0.4	319	1.1
28	152	0.3		

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
30310C	COUNTY JAIL	S.P.	5	152	104
		LEAD	5	0.5	0.3
30311R	WHITNEY PIER FIRE STN.	S.P.	5	356	273
		LEAD	5	1.8	0.9

MONTH: MARCH 1974

CITY: SYDNEY

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

	STATION 40101C	
DAY	S.P.	LEAD
3	25	0.1
9	10	0.0
15	20	0.1
21	19	0.1
27		

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
40101C	WOODSTOCK ROAD	S.P.	4	25	19
		LEAD	4	0.1	0.1

MONTH: MARCH 1974

CITY: FREDERICTON

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

STATION 40201C

DAY	S.P.	LEAD
3	74	0.1
9	73	0.3
15	93	0.5
21	100	0.2
27	190	0.5

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
40201C	110 CHARLOTTE STREET	S.P.	5	190	106
		LEAD	5	0.5	0.3

MONTH: MARCH 1974

CITY: SAINT JOHN

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

STATION 40301C

DAY	S.P.	LEAD
3		
9	NO DATA	
15		
21	AVAILABLE	
27		

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
40301C	POST OFFICE	S.P.			
		LEAD			

MONTH: MARCH 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
3	127		73		58	
9	155		92		126	
15	262				164	
21	62		83		102	
27	99		156		74	

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
50102R	BOTANICAL GARDENS	S.P.	5	262	141
		LEAD			
50103R	POINTE AUX TREMBLES	S.P.	4	156	101
		LEAD			
50105C	1212 DRUMMOND	S.P.	5	164	105
		LEAD			

MONTH: MARCH 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
3	128		49		29	
9			130		57	
15			180		163	
21	114		210		398	
27	107		101		85	

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
50106R	VILLE ST. LAURENT	S.P.	3	128	116
		LEAD			
50107R	VILLE LASALLE	S.P.	5	210	134
		LEAD			
50108R	1700 BOURASSA, LONGUEUIL	S.P.	5	398	147
		LEAD			

MONTH: MARCH 1974 CITY: MONTREAL

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

STATION 50109C

DAY	S.P.	LEAD
3	92	
9	132	
15		
21	109	
27	327	

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
50109C	DUNCAN AND DECARIE	S.P.	4	327	165
		LEAD			

MONTH: MARCH 1974 CITY: MONTREAL

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

STATION 50201C

DAY	S.P.	LEAD
3	44	0.8
9	103	0.7
15	114	1.6
21	38	0.6
27	39	0.7

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
50201C	RUE PRINCIPALE	S.P.	5	114	68
		LEAD	5	1.6	0.9

MONTH: MARCH 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
3	41	0.2	53	0.3	202	0.3
9	79	0.6				
15					203	2.0
21	111	1.3	24	0.3		
27	56	1.3	28	1.0		

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
50301C	PARC-AUTOS PAQ.LALIBERTE	S.P.	4	111	72
		LEAD	4	1.3	0.8
50302R	PARC-BARDY	S.P.	3	53	35
		LEAD	3	1.0	0.5
50303I	CENTRE LOISIRS LIMOILOU	S.P.	2	203	202
		LEAD	2	2.0	1.2

MONTH: MARCH 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
3	26	0.1		
9	141	0.6	NO DATA	
15	246	1.6		
21			AVAILABLE	
27	73	1.0		

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
50401C	MARCHE PUBLIC	S.P.	4	246	121
		LEAD	4	1.6	0.8
50402R	CASERNE DE POMPIERS #5	S.P.			
		LEAD			

MONTH: MARCH 1974 CITY: SHERBROOKE

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

	STATION 50501C		STATION 50502R	
DAY	S.P.	LEAD	S.P.	LEAD
3	36	0.3	16	0.0
9				
15				
21			18	0.1
27			43	0.2

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
50501C	CITY HALL	S.P.	1	36	36
		LEAD	1	0.3	0.3
50502R	FILTRATION WORKS	S.P.	3	43	26
		LEAD	3	0.2	0.1

MONTH: MARCH 1974

CITY: CHICOUTIMI

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

	STATION 60101C	
DAY	S.P.	LEAD
3	46	1.5
9	116	0.4
15	145	1.7
21	59	0.8
27	94	1.0

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60101C	SLATER AND ELGIN	S.P.	5	145	92
		LEAD	5	1.7	1.1

MONTH: MARCH 1974

CITY: OTTAWA

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

	STATION 60201I		STATION 60202C		STATION 60203R	
DAY	S.P.	LEAD	S.P.	LEAD	S.P.	LEAD
3	99	0.2	94	0.4	58	0.2
9	88	0.9	69	1.6	43	0.9
15	95	0.5	97	1.0	57	0.4
21	82	0.4	137	0.9	50	0.4
27	112	0.4	156	0.9	67	0.3

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60201I	MORTON TERMINAL DOCK	S.P.	5	112	95
		LEAD	5	0.9	0.5
60202C	CITY HALL	S.P.	5	156	111
		LEAD	5	1.6	0.9
60203R	TECUMSEH WATER WORKS	S.P.	5	67	55
		LEAD	5	0.9	0.4

MONTH: MARCH 1974 CITY: WINDSOR

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

	STATION 60301R	
DAY	S.P.	LEAD
3		
9		
15		
21		
27	51	0.2

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60301R	QUEEN'S UNIVERSITY	S.P.	1	51	51
		LEAD	1	0.2	0.2

MONTH: MARCH 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
6	158	1.4	184	1.0	95	0.4
12					65	0.2
14	75	0.9				
15			141	1.2		
18					76	0.3
20	71	0.8				
21			94	1.9		
24					74	0.2
27			138	2.5		
28	102	1.0				
30					43	0.0

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60401C	67 COLLEGE STREET	S.P.	4	158	102
		LEAD	4	1.4	1.0
60403I	EVANS AND ARNOLD	S.P.	4	184	139
		LEAD	4	2.5	1.7
60409R	REDLANDS CRESCENT	S.P.	5	95	71
		LEAD	5	0.4	0.2

MONTH: MARCH 1974 CITY: TORONTO

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

	STATION 60501C		STATION 60503I		STATION 60505R	
DAY	S.P.	LEAD	S.P.	LEAD	S.P.	LEAD
6	153	1.0	175	0.5	298	2.0
12	184	1.2	123	0.7	63	0.3
18	108	1.3	159	0.6	136	1.5
24	117	0.8	134	0.3	178	1.2
30	156	1.4	84	1.1	36	0.4

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60501C	BARTON AND SANFORD	S.P.	5	184	144
		LEAD	5	1.4	1.1
60503I	CHATHAM AND FRID	S.P.	5	175	135
		LEAD	5	1.1	0.6
60505R	NORTH PARK	S.P.	5	298	142
		LEAD	5	2.0	1.1

MONTH: MARCH 1974 CITY: HAMILTON

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

	STATION 60602R		STATION 60605C	
DAY	S.P.	LEAD	S.P.	LEAD
6	61	0.4	57	0.7
12	77	0.2	86	1.0
18	52	0.2	66	0.6
24	102	0.2	124	0.4
30	48	0.6	61	1.1

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60602R	ASH STREET	S.P.	5	102	68
		LEAD	5	0.6	0.3
60605C	19 LISGAR STREET	S.P.	5	124	79
		LEAD	5	1.1	0.8

MONTH: MARCH 1974 CITY: SUDBURY

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

	STATION 60701C	
DAY	S.P.	LEAD
5	43	0.4
13	119	0.6
18	66	0.7
24	42	0.2
30	48	0.6

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60701C	PROV ONTARIO BUILDING	S.P.	5	119	64
		LEAD	5	0.7	0.5

MONTH: MARCH 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	66	1.2
13	86	0.5
21	55	0.5

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60801C	14 ALGOMA STREET	S.P.	3	86	69
		LEAD	3	1.2	0.7

MONTH: MARCH 1974

CITY: THUNDER BAY

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

	STATION 60901C		STATION 60902C	
DAY	S.P.	LEAD	S.P.	LEAD
6	358	1.2		
7			62	0.5
12	323	0.5	94	0.3
18	145	0.8	89	0.7
24	117	0.4	108	0.7
30	53	0.9	49	0.6

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
60901C	KING AND RECTORY	S.P.	5	358	199
		LEAD	5	1.2	0.8
60902C	372 DUNDAS	S.P.	5	108	80
		LEAD	5	0.7	0.6

MONTH: MARCH 1974

CITY: LONDON

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

STATION 61001C

DAY	S.P.	LEAD
8	25	0.5
14	122	0.8
21	88	0.8
28	87	0.6

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
61001C	156 VICTORIA STREET	S.P.	4	122	81
		LEAD	4.	0.8	0.7

MONTH: MARCH 1974 CITY: SARNIA

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

STATION 61102C

DAY	S.P.	LEAD
NO DATA AVAILABLE		

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
61102C	139 GEORGE STREET	S.P.			
		LEAD			

MONTH: MARCH 1974 CITY: PETERBOROUGH

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

	STATION 70101C		STATION 70102R		STATION 70103R	
DAY	S.P.	LEAD	S.P.	LEAD	S.P.	LEAD
3	88	0.3	40	0.3	32	0.8
9	33	0.8	112	0.7	49	1.2
15	42	0.6	34	0.3	29	0.2
21	118	2.8	28	0.4	38	1.3
27	56	0.6	81	1.5	102	4.9

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
70101C	KENNEDY ST. & YORK AVE.	S.P.	5	118	67
		LEAD	5	2.8	1.0
70102R	PORTAGE AT WOODLAWN	S.P.	5	112	59
		LEAD	5	1.5	0.6
70103R	HARTFORD AT MAIN	S.P.	5	102	50
		LEAD	5	4.9	1.7

MONTH: MARCH 1974 CITY: WINNIPEG

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

	STATION 70104I	
DAY	S.P.	LEAD
3	44	0.2
9	47	0.7
15	50	0.2
21	69	1.1
27	29	0.1

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
70104I	UNION STOCK YARDS	S.P.	5	69	48
		LEAD	5	1.1	0.4

MONTH: MARCH 1974 CITY: WINNIPEG

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

STATION 70201C

DAY	S.P.	LEAD
3	22	0.2
9	36	0.7
15	60	0.6
21	48	0.4
27	106	0.6

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
70201C	11TH ST. & PRINCESS AVE.	S.P.	5	106	54
		LEAD	5	0.7	0.5

MONTH: MARCH 1974 CITY: BRANDON

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

	STATION 80102R		STATICN 801C8C	
DAY	S.P.	LEAD	S.P.	LEAD
3			17	0.1
9	12	0.1	18	0.2
15	28	0.5	47	1.0
21	30	0.3	84	0.6
27	27	0.1	50	0.2

STATION	LOCATION		TCTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
80102R	3211 ALBERT STREET	S.P.	4	30	24
		LEAD	4	0.5	0.2
80108C	12TH AND SMITH	S.P.	5	84	43
		LEAD	5	1.0	0.4

MONTH: MARCH 1974 CITY: REGINA

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

	STATION 80202C		STATION 80203R	
DAY	S.P.	LEAD	S.P.	LEAD
3	29	0.2	25	0.1
9	22	0.4	26	0.3
15	13	0.2	11	0.1
21	60	0.7	22	0.2
27	32	0.2	34	0.2

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
80202C	CITY LIBRARY	S.P.	5	60	31
		LEAD	5	0.7	0.3
80203R	MOUNT ROYAL LODGE	S.P.	5	34	23
		LEAD	5	0.3	0.2

MONTH: MARCH 1974 CITY: SASKATOON

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

	STATION 80301C	
DAY	S.P.	LEAD
3	18	0.0
9	19	0.2
15	16	0.2
21	51	0.1
27	54	0.1

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
80301C	TELEPHONE BUILDING	S.P.	5	54	32
		LEAD	5	0.2	0.1

MONTH: MARCH 1974 CITY: MOOSE JAW

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

STATION 80401C

DAY	S.P.	LEAD
3	40	0.1
9	21	0.4
15	11	0.1
21	36	0.4
27	56	0.7

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
80401C	49-12TH STREET EAST	S.P.	5	56	33
		LEAD	5	0.7	0.3

MONTH: MARCH 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
3	18	0.6	22	0.3	31	0.3
9	67	0.2	43	0.6	81	0.8
15	15	0.1	11	0.1	31	0.4
21	32	0.3	33	0.1	74	0.2
27	35	0.3	22	0.1	89	0.2

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
90103R	146TH ST. AND 92ND AVE.	S.P.	5	67	33
		LEAD	5	0.6	0.3
90121I	17 STREET AND 105 AVENUE	S.P.	5	43	26
		LEAD	5	0.6	0.2
90123C	100 ST. AND 102 AVENUE	S.P.	5	89	61
		LEAD	5	0.8	0.4

MONTH: MARCH 1974 CITY: EDMONTON

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

	STATION 90203R		STATION 90204C		STATION 90218I	
DAY	S.P.	LEAD	S.P.	LEAD	S.P.	LEAD
3	37	0.2	96	0.5	38	0.1
9	36	0.5	226	3.0	113	1.2
15	90	0.4	123	0.6	54	0.2
21	29	0.4	47	0.7	55	0.7
27	107	1.3	190	0.8	194	0.7

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
90203R	407-31 AVENUE, N.W.	S.P.	5	107	60
		LEAD	5	1.3	0.6
90204C	316-7TH AVENUE	S.P.	5	226	136
		LEAD	5	3.0	1.1
90218I	BONNY BRK & 18A ST. S.E.	S.P.	5	194	91
		LEAD	5	1.2	0.6

MCNTH: MARCH 1974 CITY: CALGARY

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

	STATION 90301C	
DAY	S.P.	LEAD
3	71	0.5
9	30	0.6
15	64	0.4
21		
27		

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
90301C	4747 50TH STREET	S.P.	3	71	55
		LEAD	3	0.6	0.5

MONTH: MARCH 1974 CITY: RED DEER

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

STATION 90401C

DAY	S.P.	LEAD
3	159	0.1
9	135	0.2
15	55	0.4
21	66	0.1
27	189	0.5

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
90401C	770 FIRST STREET, S.E.	S.P.	5	189	121
		LEAD	5	0.5	0.3

MONTH: MARCH 1974 CITY: MEDICINE HAT

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

STATION 90501C

DAY	S.P.	LEAD
3		
9	NO DATA	
15		
21	AVAILABLE	
27		

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
90501C	13 ST. AND 9 AVENUE S.	S.P.			
		LEAD			

MONTH: MARCH 1974 CITY: LETHBRIDGE

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

STATION 99001C

DAY	S.P.	LEAD
3	19	0.4
9		
15	72	0.2
21	46	0.2
27	240	0.5

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
99001C	50TH AVE. & 51ST STREET	S.P.	4	240	94
		LEAD	4	0.5	0.3

MONTH: MARCH 1974 CITY: YELLOWKNIFE

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

	STATION 00102R		STATION 00104R		STATION 00105C	
DAY	S.P.	LEAD	S.P.	LEAD	S.P.	LEAD
3	46	0.5	38	0.8	26	0.3
9	34	0.3	27	0.3	21	0.4
15	43	0.4	36	1.6	58	0.7
21	137	1.5	99	1.9	87	0.9
27	45	0.4	31	0.6	47	0.6

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
00102R	100 RICHMOND STREET	S.P.	5	137	61
		LEAD	5	1.5	0.6
00104R	27TH AND ONTARIO	S.P.	5	99	46
		LEAD	5	1.9	1.0
00105C	739 WEST HASTINGS STREET	S.P.	5	87	48
		LEAD	5	0.9	0.6

MONTH: MARCH 1974 CITY: VANCOUVER

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

	STATION 00106R		STATION 00108I	
DAY	S.P.	LEAD	S.P.	LEAD
3	40	0.5	37	0.5
9	28	0.4	19	0.2
15	51	2.2	60	2.3
21	105	1.4	102	1.8
27	47	0.8	54	0.5

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
00106R	2294 WEST 10TH AVENUE	S.P.	5	105	54
		LEAD	5	2.2	1.1
00108I	250 WEST 70TH AVENUE	S.P.	5	102	54
		LEAD	5	2.3	1.0

MONTH: MARCH 1974 CITY: VANCOUVER

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

	STATION 00201C	
DAY	S.P.	LEAD
3		
9	NO DATA	
15		
21	AVAILABLE	
27		

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
00201C	POST OFFICE	S.P.			
		LEAD			

MONTH: MARCH 1974 CITY: PRINCE GEORGE

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

STATION 00301C

DAY	S.P.	LEAD
3	42	0.7
9	40	0.4
15	33	1.5
21	98	1.4
27		

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
00301C	POLICE STATION, FISGUARD	S.P.	4	98	53
		LEAD	4	1.5	1.0

MONTH: MARCH 1974 CITY: VICTORIA

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

STATION 09001C

DAY	S.P.	LEAD
3		
9		
15	36	1.1
21	19	0.8
27	201	0.2

STATION	LOCATION		TOTAL NO. OF SAMPLES	MAXIMUM FOR MONTH	MONTHLY MEAN
09001C	FEDERAL BUILDING	S.P.	3	201	85
		LEAD	3	1.1	0.7

MONTH: MARCH 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 SO_3 per 100 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 SO_3 par 100 cm^2 et par jour.

STATIONS MEASURING DUSTFALL

STATIONS MESURANT LES RETOMBEES DE POUSSIERES ATMOSPHERIQUE

* 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	COUNTY 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
60509	R*	13	HAMILTON	MOHAWK AND WARREN
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*	13	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	8.0	0.4
30302I	SYDNEY STEEL CORPORATION	45.7	1.7
30309I	PT EDWARD, RICHMOND PLST	50.2	0.6
30310C	COUNTY JAIL	39.7	1.2
30311R	WHITNEY PIER FIRE STN.	211.0	1.3
	MAXIMUM	211.0	1.7
	MINIMUM	8.0	0.4
	MEAN	70.9	1.0

MONTH: MARCH 1974 CITY: SYDNEY

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

STATION	LOCATION	DUSTFALL	SO3
30401R	LAKE ROAD	20.8	0.7
30405C	GENERAL HOSPITAL	26.6	1.2
30406R	PUMPING STATION ROAD		0.3
	MAXIMUM	26.6	1.2
	MINIMUM	20.8	0.3
	MEAN	23.7	0.7

MONTH: MARCH 1974 CITY: GLACE BAY

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

STATION	LOCATION	DUSTFALL	SO3
50101R	JARRY PARK	22.0	1.1
50102R	BOTANICAL GARDENS	39.0	0.8
50103R	POINTE AUX TREMBLES		
50106R	VILLE ST. LAURENT	52.0	1.1
50107R	VILLE LASALLE	54.0	1.2
	MAXIMUM	54.0	1.2
	MINIMUM	22.0	0.8
	MEAN	41.8	1.1

MONTH: MARCH 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	41.8	
	MAXIMUM	41.8	
	MINIMUM	41.8	
	MEAN	41.8	

MONTH: MARCH 1974 CITY: HULL

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

STATION	LOCATION	DUSTFALL	SO3
60101C	SLATER AND ELGIN	62.9	
60102R	EXPERIMENTAL FARM	19.5	
60103C	GILMOUR STREET	22.6	

MAXIMUM	62.9
MINIMUM	19.5
MEAN	35.0

MONTH: MARCH 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		
60202C	CITY HALL	30.2	
60203R	TECUMSEH WATER WORKS	7.8	
60206R	3120 DOUGALL AVENUE	11.3	
60209R	E. C. ROWE AND JEFFERSON	9.6	

MAXIMUM	30.2
MINIMUM	7.8
MEAN	14.7

MONTH: MARCH 1974 CITY: WINDSOR

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

STATION	LOCATION	DUSTFALL	SO3
60401C	67 COLLEGE STREET	29.0	0.4
60403I	EVANS AND ARNOLD	28.0	0.2
60404R	5126 YONGE STREET	26.0	0.3
60405I	JOHN STREET PUMP STATION	51.0	0.5
60406R	ROSEHILL RESERVOIR	16.0	0.4
60408C	DANFORTH AND ROBINSON	38.0	0.4
	MAXIMUM	51.0	0.5
	MINIMUM	16.0	0.2
	MEAN	31.3	0.4

MONTH: MARCH 1974 CITY: TORONTO

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

STATION	LOCATION	DUSTFALL	SO3
60501C	BARTON AND SANFORD	34.0	0.6
60502I	BURLINGTON & GAGE	56.0	0.8
60503I	CHATHAM AND FRID	37.0	0.5
60507C	HUGHSON AND HUNTER	37.0	0.5
60509R	MOHAWK AND WARREN		
60510I	STRATHEARN	43.0	0.9
	MAXIMUM	56.0	0.9
	MINIMUM	34.0	0.5
	MEAN	41.4	0.7

MONTH: MARCH 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	20.0	0.3
60702R	ANNA MCREA PUBLIC SCHOOL	6.0	0.2
60703I	BAYVIEW AND YONGE	44.0	0.4
	MAXIMUM	44.0	0.4
	MINIMUM	6.0	0.2
	MEAN	23.3	0.3

MONTH: MARCH 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	11.0	0.1
60802I	185 GORE STREET	13.0	0.1
60805C	521 MEMORIAL AVENUE	13.0	0.1
	MAXIMUM	13.0	0.1
	MINIMUM	11.0	0.1
	MEAN	12.3	0.1

MONTH: MARCH 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	21.0	0.3

MAXIMUM	21.0	0.3
MINIMUM	21.0	0.3
MEAN	21.0	0.3

MONTH: MARCH 1974 CITY: LONDON

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

STATION	LOCATION	DUSTFALL	SO3
61001C	156 VICTORIA STREET	28.0	1.1
61002R	YACHT CLUB		
61003R	LAMBTON COLLEGE		

MAXIMUM	28.0	1.1
MINIMUM	28.0	1.1
MEAN	28.0	1.1

MONTH: MARCH 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	10.0	
70110C	KENNEDY AND ST. MARY'S	15.7	
70113I	WINDERMERE AND ROCKMAN		
70115C	PORTAGE AND MINTO	18.4	
70116I	SMITH AND KING	16.1	

MAXIMUM	18.4	
MINIMUM	10.0	
MEAN	15.1	

MONTH: MARCH 1974 CITY: WINNIPEG

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

STATION	LOCATION	DUSTFALL	SO3
90114C	109 STREET AND 98 AVENUE		0.1
90125C	PRINS ELIZABETH & 108 ST		0.1
90126R	77 AVENUE & 85 STREET		
90127I	115 AVENUE & 159 STREET		
90128R	99 AVENUE & 160 STREET	1.4	0.1
90129I	101 AVENUE & 17 STREET	5.0	0.1

MAXIMUM	5.0	0.1
MINIMUM	1.4	0.1
MEAN	3.2	0.1

MONTH: MARCH 1974 CITY: EDMONTON

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

STATION	LOCATION	DUSTFALL	SO3
90219C	620-7TH AVENUE, S.W.	27.9	0.2
90221R	DALHOUSIE DR & DALHAM DR	16.3	0.2
90223C	11 ST. AND 38 AVE. S.E.	18.5	0.2
90224I	OGDENDALE & 71 AVE S.E.	18.5	0.2
90225R	PALLISER DR & OAKWOOD SW	7.0	0.2
90226I	SHEPPARD & 84 AVE S.E.		0.2

MAXIMUM	27.9	0.2
MINIMUM	7.0	0.2
MEAN	17.6	0.2

MONTH: MARCH 1974 CITY: CALGARY