

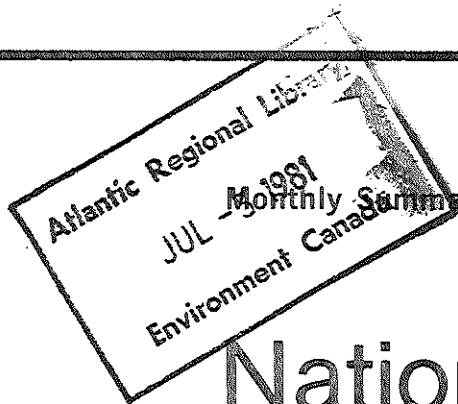


Fisheries and Environment
Canada

Environmental
Protection
Service

Pêches et Environnement
Canada

Service de la
protection de
l'environnement



Monthly Summary October 1977

National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

Extrait mensuel octobre 1977

ENVIRONMENT CANADA LIBRARY
15th Floor, Queen Square
45 Alderney Drive
Dartmouth, N.S. B2Y 2N6
CANADA

Dartmouth Env. Can. Lib./Bib.



39 021 149

TD
890
C325
78-10

Surveillance Report
EPS 5-AP-78-10

Air Pollution
Control Directorate

Rapport de surveillance
EPS 5-AP-78-10

Direction général de
l'assainissement de l'air

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONOCTOBER - OCTOBRE
1977DIOXYDE DE SOUFRE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		MEANS ---- MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	645	***	1	3	4	6	1	2	2	2
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	529	***	1	2	4	5	1	2	2	2
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	480	***	0	2	3	5	0	1	1	1
30115I	CFB SHEARWATER	409	***	1	4	6	12	1	2	2	2
30116C	BARRINGTON & DUKE	637	***	1	3	4	7	1	2	2	2
30310C	SYDNEY, N.S. COUNTY JAIL	682	***	0	0	1	2	0	0	0	0
30311R	WHITNEY PIER FIRE STN.	658	1.0	1	4	6	11	1	2	3	3
40202C	SAINT JOHN, N.B. POST OFFICE	580	1.9	2	5	9	12	2	4	5	5
50101R	MONTREAL, QUEBEC PARC JARRY	679	***	1	2	3	4	1	2	2	2
50102R	JARDIN BOTANIQUE	682	1.9	2	6	11	13	2	5	5	6
50103R	POINTE-AUX-TREMBLES	670	1.9	2	8	11	15	3	6	8	8
50104C	1125 ONTARIO EST	705	1.2	1	3	6	12	2	3	5	5
50105C	1212 DRUMMOND	657	2.3	3	5	8	11	3	4	5	5
50106R	VILLE ST-LAURENT	684	***	0	0	1	1	0	0	0	0
50107R	VILLE LASALLE	686	***	0	2	3	7	0	2	2	3
50109C	DUNCAN & DECARIE	682	***	1	2	3	4	1	1	2	2
50110C	PARC PILON, MTL.-NORD	682	***	1	3	5	7	1	2	3	3
50111C	2900 BOUL. CONCORDE	684	***	1	3	5	17	1	3	3	4
50112C	BOUL. LAURENTIDES	0	---	---	---	---	---	---	---	---	---
50113R	PIE X & CARDINAL	669	***	1	3	5	13	1	2	3	4
50115C	PEEL & MAISONNEUVE	634	2.5	3	6	9	10	3	4	6	7
50203R	HULL, QUEBEC GAMELIN & JOFFRE	654	***	1	2	3	6	1	2	2	2
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILOU	703	3.6	4	10	16	37	4	9	10	11
50304C	155 DORCHESTER SUD	673	1.8	1	10	23	30	2	10	15	16
50305R	MYRAND & ST-CYRILLE	682	***	1	3	4	5	1	2	3	3
50601C	ROUYN, QUEBEC HOTEL DE VILLE	625	***	0	3	20	70	1	5	10	11
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	673	***	0	1	2	6	0	1	1	1
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	683	2.2	2	7	14	42	2	7	8	9
50901R	ARVIDA, QUEBEC POWELL & HOOPES	441	1.3	1	6	15	20	1	5	8	8
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	681	***	1	3	7	12	1	2	2	3
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	682	2.1	2	7	12	25	3	5	6	7
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	683	2.0	1	9	27	44	2	8	10	11
60101C	OTTAWA, ONT. 88 SLATER ST.	649	***	1	2	4	6	1	1	2	2
60104C	RIDEAU & WURTEMBERG	733	***	1	2	3	4	1	1	2	2
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	643	1.5	2	5	7	10	2	4	4	4
60204C	471 UNIVERSITY AVENUE	686	1.7	2	5	9	14	2	4	4	5
60211R	COLLEGE & PRINCE	736	***	1	3	6	8	1	2	3	3
60302R	KINGSTON, ONT. NAPIER STREET	741	***	1	1	2	3	1	1	2	2
60401C	TORONTO, ONT. 67 COLLEGE STREET	722	1.0	1	3	6	12	2	3	4	4
60402R	DON MILLS, SCIENCE CNTR	680	***	0	1	2	3	0	1	1	1
60403I	EVANS & ARNOLD	667	1.1	1	3	4	7	2	2	3	3
60409R	REDLANDS CRESCENT	742	***	1	3	4	8	1	2	3	3
60410R	LAWRENCE & KENNEDY	707	2.4	3	6	7	11	3	6	6	7
60411R	PHARMACY & HWY 401	729	1.9	2	4	5	10	2	4	4	5
60412R	BATHURST & WILSON	690	1.0	1	3	5	24	1	3	5	5
60413R	ELMCREST ROAD	741	***	1	3	5	12	1	2	2	2

*** CALCULATED MEANS ARE BELOW 10 PARTS PER BILLION.
LES MOYENNES SONT INFÉRIEURES À 10 PARTIES PAR BILLION.

--- INSUFFICIENT DATA FOR CALCULATION OF A VALID MEAN.
IL N'Y A PAS ASSEZ DE DONNÉES POUR CALCULER UNE MOYENNE VALABLE.

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONOCTOBER - OCTOBRE
1977DIOXYDE DE SOUFRE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRE	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES				- DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
60501C	HAMILTON, ONT.										
60505R	BARTON & SANFORD NORTH PARK	735 674	1.8 1.7	2	6	11	14	3	4	5	5
				2	6	9	12	2	5	6	6
60602R	SUDBURY, ONT.										
60606C	ASH STREET KENNEDY STREET	700 734	1.1 2.0	1	5	13	24	2	3	4	4
				2	6	18	96	3	5	8	8
60704C	SAULT STE. MARIE, ONT.										
	445 ALBERT STREET	688	***	1	1	3	5	1	1	2	2
60806R	THUNDER BAY, ONT.										
	435 JAMES S.	620	***	0	1	1	6	0	1	1	1
60901C	LONDON, ONT.										
	KING & RECTORY	720	***	1	2	4	15	1	2	2	3
61001C	SARNIA, ONT.										
	156 VICTORIA STREET	734	1.8	2	9	13	15	2	5	8	9
61103C	PETERBOROUGH, ONT.										
	500 GEORGE STREET	641	***	0	2	3	4	1	1	2	2
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	723	1.3	2	4	7	12	2	3	4	4
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	706	***	1	2	3	3	1	1	2	2
61401C	BRANTFORD, ONT.										
	DALHOUSIE & QUEEN	364	---	0	1	2	3	0	1	1	1
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	739	***	1	3	4	8	1	2	3	3
61601R	OAKVILLE, ONT.										
	REBECCA & WOODSIDE	727	***	0	2	4	10	1	2	2	2
70101C	WINNIPEG, MAN.										
70102R	270 OSBORNE STREET	421	1.1	1	3	4	21	1	2	2	2
70104I	PORTAGE & WOODLAWN	439	***	0	1	1	2	0	0	1	1
70118R	UNION STOCK YARDS	534	2.2	3	4	6	7	3	3	4	4
	JEFFERSON & SCOTIA	633	***	0	1	2	4	0	1	1	1
70201C	BRANDON, MAN.										
	11TH ST. & PRINCESS AVE.	668	***	0	0	1	1	0	0	0	0
80108C	REGINA, SASK.										
	12TH AVE. & SMITH ST.	429	***	0	0	0	1	0	0	0	0
80202C	SASKATOON, SASK.										
	4TH AVE. & 23RD ST.	433	***	0	0	0	0	0	0	0	0
80301C	MOOSE JAW, SASK.										
	FAIRFORD ST. & 1ST AVE.	485	***	0	0	0	0	0	0	0	0
80401C	PRINCE ALBERT, SASK.										
	1257-1ST AVE. EAST	657	***	0	0	0	0	0	0	0	0
90121I	EDMONTON, ALTA.										
90122R	17 STREET & 105 AVENUE	399	***	0	1	1	2	0	0	0	0
90130C	127 ST. & 133 AVENUE	679	***	0	0	1	1	0	0	0	0
	10255 - 104TH STREET	678	***	0	0	0	1	0	0	0	0
90218I	CALGARY, ALTA.										
90219C	BONNY BRK & 18A ST. S.E.	664	***	0	0	0	1	0	0	0	0
90222R	620-7TH AVENUE, S.W.	670	***	0	0	0	1	0	0	0	0
	39 ST. & 29 AVE. N.W.	651	***	0	0	0	0	0	0	0	0
00106R	VANCOUVER, B.C.										
00108I	2294 WEST 10TH AVENUE	630	***	1	2	3	5	1	2	2	2
00109C	250 WEST 70TH AVENUE	0	---	-	-	-	-	-	-	-	-
00110R	970 BURRARD	741	***	1	2	3	4	1	1	2	2
00111I	E. HASTINGS & KENSINGTON	744	***	1	2	3	6	1	1	2	2
	ROCKY PT. PARK	0	---	-	-	-	-	-	-	-	-
00201C	PRINCE GEORGE, B.C.										
	1306-7TH AVENUE	591	***	0	2	5	7	0	1	3	3
00301C	VICTORIA, B.C.										
	POLICE STATION, FISGUARD	738	***	1	1	2	3	1	1	1	1

*** CALCULATED MEANS ARE BELOW 10 PARTS PER BILLION.
LES MOYENNES SONT INFÉRIEURES À 10 PARTIES PAR BILLION.

--- INSUFFICIENT DATA FOR CALCULATION OF A VALID MEAN.
IL N'Y A PAS ASSEZ DE DONNÉES POUR CALCULER UNE MOYENNE VALABLE.

CARBON MONOXIDE
PARTS PER MILLIONOCTOBER - OCTOBRE
1977MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS - MOYENNES				24-HOUR / HEURES			
				INTERVALS - INTERVALLES				8-HOUR / HEURES				70 95 99 MAX			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
301151	HALIFAX, N.S.	739	***	0	1	1	3	0	1	1	1	0	0	1	1
30116C	CFB SHEARWATER BARRINGTON & DUKE	684	1.4	2	5	9	12	2	4	7	8	2	3	4	4
50103R	MONTREAL, QUEBEC	659	1.1	1	4	7	15	1	3	4	6	1	2	4	4
50104C	POINTE-AUX-TREMBLES	741	2.6	3	6	8	10	3	5	6	7	3	4	5	5
50109C	1125 ONTARIO EST	715	2.6	3	7	10	14	3	6	7	8	3	4	5	6
50110C	DUNCAN & DECARIE	547	1.9	2	6	11	26	2	5	8	9	3	4	4	4
50111C	PARC PILON, MTL.-NORD	0	---	---	---	---	---	---	---	---	---	---	---	---	---
50112C	2900 BOUL. CONCORDE	0	---	---	---	---	---	---	---	---	---	---	---	---	---
50113R	BOUL. LAURENTIDES	705	1.3	1	5	9	13	2	4	6	9	2	3	4	4
50114C	PIE X & CARDINAL	744	4.2	5	8	10	12	5	7	8	9	5	6	7	7
50115C	677 STE-CATHERINE O. PEEL & MAISONNEUVE	737	3.2	4	8	10	13	4	7	8	8	4	5	6	6
50203R	HULL, QUEBEC	712	0.8	1	3	5	10	1	2	4	5	1	2	2	2
50304C	GAMBLIN & JOFFRE	713	1.8	2	5	8	13	2	4	6	7	2	3	5	5
60101C	QUEBEC, QUEBEC	399	2.2	3	7	10	12	3	6	8	8	3	4	5	5
60104C	88 SLATER ST. RIDEAU & WURTEMBERG	664	1.0	1	2	4	6	1	2	3	3	1	2	2	2
60204C	WINDSOR, ONT.	735	2.5	3	4	6	19	3	4	7	10	3	4	6	6
60401C	471 UNIVERSITY AVENUE	739	1.6	2	4	5	9	2	3	4	5	2	3	4	4
60402R	TORONTO, ONT.	738	2.6	3	5	6	10	3	5	6	7	3	4	5	5
60403I	67 COLLEGE STREET	732	2.5	3	5	8	11	3	5	6	7	3	4	5	5
60410R	DON MILLS, SCIENCE CNTR	741	2.4	3	6	8	14	3	5	6	6	3	4	5	5
60411R	EVANS & ARNOLD	718	2.6	3	5	9	15	3	5	6	7	3	4	4	5
60412R	LAWRENCE & KENNEDY	738	3.2	4	6	9	15	4	6	7	9	4	6	6	7
60413R	PHARMACY & HWY 401	652	1.7	2	3	5	7	2	3	4	5	2	3	3	3
60501C	BATHURST & WILSON	744	1.4	2	5	8	12	2	4	5	6	2	4	4	5
60602R	ELMCREST ROAD	636	***	1	2	3	6	1	2	2	2	1	1	2	2
60901C	HAMILTON, ONT.	695	1.2	1	5	8	16	1	4	7	7	2	4	5	5
61001C	BARTON & SANFORD	738	1.5	2	3	5	10	2	3	4	4	2	3	3	4
61201R	SUDBURY, ONT.	738	1.0	1	3	7	15	1	3	4	6	1	2	3	3
61301C	ASH STREET	267	---	2	5	6	7	2	4	5	5	3	4	4	4
61501C	LONDON, ONT.	740	1.2	1	4	5	9	1	3	4	5	2	3	4	4
61601R	KING & RECTORY	730	2.2	2	5	8	13	2	5	6	8	2	5	6	6
70101C	SARNIA, ONT.	610	1.4	2	3	7	13	2	3	5	6	2	3	3	3
70102R	156 VICTORIA STREET	317	---	1	3	4	6	1	2	3	3	1	2	2	2
70118R	CORNWALL, ONT.	699	1.0	1	4	7	17	1	4	6	7	1	3	3	3
80108C	MEMORIAL PARK	742	0.7	1	2	5	18	1	2	4	5	1	2	2	2
80202C	ST. CATHARINES, ONT.	671	0.5	1	2	3	4	1	2	2	2	1	1	1	1
90121I	NORTH ST. & GENEVA ST.	744	***	1	1	2	3	0	1	1	2	0	1	1	1
90122R	KITCHENER, ONT.	744	2.3	3	7	16	22	3	6	10	13	3	5	6	7
90130C	EDNA & FREDERICK	700	2.5	3	7	9	12	3	6	7	8	3	4	5	5
90219C	OAKVILLE, ONT.	689	2.9	4	8	12	21	3	6	8	9	3	5	6	6
90222R	REBECCA & WOODSIDE	613	1.6	2	4	8	15	2	3	5	6	2	3	3	3
00106R	WINNIPEG, MAN.	742	1.8	2	5	8	12	2	4	6	6	2	4	4	5
00108I	270 OSBORNE STREET	744	1.5	2	5	8	13	2	4	5	6	2	3	4	4
	PORTAGE & WOODLAWN														
	JEFFERSON & SCOTIA														
	REGINA, SASK.														
	12TH AVE. & SMITH ST.														
	SASKATOON, SASK.														
	4TH AVE. & 23RD ST.														
	EDMONTON, ALTA.														
	17 STREET & 105 AVENUE														
	127 ST. & 133 AVENUE														
	10255 - 104TH STREET														
	CALGARY, ALTA.														
	620-7TH AVENUE, S.W.														
	39 ST. & 29 AVE. N.W.														
	VANCOUVER, B.C.														
	2294 WEST 10TH AVENUE														
	250 WEST 70TH AVENUE														

*** CALCULATED MEANS ARE BELOW 500 PARTS PER BILLION.
LES MOYENNES SONT INFÉRIEURES À 500 PARTIES PAR BILLION.

--- INSUFFICIENT DATA FOR CALCULATION OF A VALID MEAN.
IL N'Y A PAS ASSEZ DE DONNÉES POUR CALCULER UNE MOYENNE VALABLE.

CARBON MONOXIDE
PARTS PER MILLIONOCTOBER - OCTOBRE
1977MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES											
				INTERVALS - INTERVALLES				MEANS ----- MOYENNES				24-HOUR / HEURES			
				1-HOUR / HEURE				8-HOUR / HEURES							
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
00109C	970 BURRARD	465	1.6	2	5	8	10	2	4	5	5	2	3	4	4
00110R	E. HASTINGS & KENSINGTON	664	1.1	1	3	4	7	1	2	3	3	1	2	2	2
00111I	ROCKY PT. PARK	673	1.1	1	3	5	6	1	3	3	4	1	2	3	3
	VICTORIA, B.C.														
00302C	1106 COOK ST.	721	2.0	3	7	9	16	2	5	6	7	3	4	4	4

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

OCTOBER - OCTOBRE
1977

DIOXYDE D'AZOTE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.										
30116C	CFB SHEARWATER	468	***	1	2	2	3	1	1	1	1
	BARRINGTON & DUKE	646	2.7	3	5	5	6	3	4	4	4
50102R	MONTREAL, QUEBEC										
	JARDIN BOTANIQUE	720	2.3	3	5	6	8	3	4	5	5
50104C	1125 ONTARIO EST	744	3.9	4	7	8	9	4	6	7	7
50109C	DUNCAN & DECARIE	738	3.2	3	5	6	8	3	5	6	6
50110C	PARC PILON, MTL.-NORD	677	1.9	2	3	5	6	2	3	4	4
50111C	2900 BOUL. CONCORDE	722	2.4	3	4	6	8	3	4	5	5
50112C	BOUL. LAURENTIDES	0	---	---	---	---	---	---	---	---	---
50113R	PIE X & CARDINAL	518	1.8	2	4	4	5	2	3	3	3
50115C	PEEL & MAISONNEUVE	744	2.7	3	4	5	5	3	4	4	4
50203R	HULL, QUEBEC										
	GAMBLIN & JOFFRE	597	***	1	2	3	5	1	2	2	2
50304C	QUEBEC, QUEBEC										
	155 DORCHESTER SUD	710	1.4	2	2	3	4	2	2	3	3
60101C	OTTAWA, ONT.										
60104C	88 SLATER ST.	614	3.1	4	6	8	10	4	6	7	7
	RIDEAU & WURTEMBERG	735	2.5	3	6	8	10	3	5	6	6
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	708	2.6	3	5	6	8	3	4	5	5
60401C	TORONTO, ONT.										
60402R	67 COLLEGE STREET	738	3.1	4	6	8	10	4	5	6	6
60403I	DON MILLS, SCIENCE CNTR	740	2.3	3	5	6	9	2	4	4	4
60410R	EVANS & ARNOLD	723	4.0	5	7	9	12	5	7	7	7
60411R	LAWRENCE & KENNEDY	711	3.8	4	6	8	10	4	6	6	7
60412R	PHARMACY & HWY 401	735	3.2	4	6	8	10	4	6	7	7
60413R	BATHURST & WILSON	738	4.2	5	9	11	14	5	7	9	9
	ELMCREST ROAD	737	2.5	3	5	7	10	3	4	5	6
60501C	HAMILTON, ONT.										
60505R	BARTON & SANFORD	741	5.6	7	10	14	18	7	9	10	10
	NORTH PARK	741	4.1	5	7	10	15	5	7	8	8
60602R	SUDBURY, ONT.										
	ASH STREET	735	1.3	2	3	4	6	2	2	3	3
60901C	LONDON, ONT.										
	KING & RECTORY	622	3.1	4	9	13	17	3	8	9	9
61001C	SARNIA, ONT.										
	156 VICTORIA STREET	738	2.6	3	5	8	13	3	5	5	6
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	568	2.3	3	5	6	9	3	4	5	5
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	735	3.2	4	6	7	9	4	5	5	5
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	397	3.4	4	6	6	8	4	4	5	5
61601R	OAKVILLE, ONT.										
	REBECCA & WOODSIDE	678	2.1	3	4	6	7	3	4	4	4
70101C	WINNIPEG, MAN.										
70118R	270 OSBORNE STREET	481	1.2	2	3	5	6	2	3	3	3
	JEFFERSON & SCOTIA	720	1.7	2	3	4	5	2	3	3	3
90122R	EDMONTON, ALTA.										
90130C	127 ST. & 133 AVENUE	733	1.8	2	3	4	6	2	3	3	3
	10255 - 104TH STREET	713	4.3	5	8	9	15	5	7	8	8
90219C	CALGARY, ALTA.										
90222R	620-7TH AVENUE, S.W.	742	4.9	6	8	12	18	5	7	10	10
	39 ST. & 29 AVE. N.W.	689	3.1	4	7	13	20	3	7	9	9
00106R	VANCOUVER, B.C.										
00108I	2294 WEST 10TH AVENUE	610	3.7	4	7	11	16	4	7	8	8
00109C	250 WEST 70TH AVENUE	697	3.1	3	7	9	14	3	5	7	7
00110R	970 BURRARD	0	---	---	---	---	---	---	---	---	---
00111I	E. HASTINGS & KENSINGTON	633	4.1	5	10	17	20	5	8	9	9
	ROCKY PT. PARK	0	---	---	---	---	---	---	---	---	---
00302C	VICTORIA, B.C.										
	1106 COOK ST.	270	---	2	4	4	4	1	3	3	3

*** CALCULATED MEANS ARE BELOW 10 PARTS PER BILLION.
LES MOYENNES SONT INFERIEURES A 10 PARTIES PAR BILLION.

--- INSUFFICIENT DATA FOR CALCULATION OF A VALID MEAN.
IL N'Y A PAS ASSEZ DE DONNEES POUR CALCULER UNE MOYENNE VALABLE.

OZONE
PARTS PER HUNDRED MILLIONOCTOBER - OCTOBRE
1977OZONE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		MEANS ---- MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.										
30116C	CFB SHEARWATER	612	2.5	3	4	6	6	3	4	4	4
	BARRINGTON & DUKE	740	1.5	2	3	4	5	2	3	3	3
50102R	MONTREAL, QUEBEC										
50103R	JARDIN BOTANIQUE	728	0.7	1	2	3	3	1	1	1	2
50104C	POINTE-AUX-TREMBLES	737	1.4	2	3	4	5	2	3	3	3
50109C	1125 ONTARIO EST	726	***	0	2	2	3	1	1	2	2
50109C	DUNCAN & DECARIE	744	0.5	1	2	3	3	1	1	1	1
50110C	PARC PILON, MTL.-NORD	724	1.2	2	4	4	6	2	3	4	4
50111C	2900 BOUL. CONCORDE	718	1.4	2	4	4	5	2	3	3	3
50112C	BOUL. LAURENTIDES	0	---	---	---	---	---	---	---	---	---
50113R	PIE X & CARDINAL	687	1.3	2	4	5	5	2	3	3	4
50115C	PEEL & MAISONNEUVE	744	***	0	1	2	3	0	1	1	1
50304C	QUEBEC, QUEBEC										
	155 DORCHESTER SUD	735	1.0	2	3	4	5	1	2	3	3
60101C	OTTAWA, ONT.										
60104C	88 SLATER ST.	566	0.9	1	2	3	4	1	2	2	2
	RIDEAU & WURTEMBERG	722	1.0	1	3	3	3	1	2	2	2
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	732	0.8	1	3	4	5	1	2	2	2
60401C	TORONTO, ONT.										
60402R	67 COLLEGE STREET	731	0.7	1	2	3	3	1	2	2	2
60403I	DON MILLS, SCIENCE CNTR	740	***	1	1	2	2	1	1	1	1
60410R	EVANS & ARNOLD	735	0.6	1	2	2	4	1	1	2	2
60413R	LAWRENCE & KENNEDY	730	0.8	1	2	3	3	1	1	2	2
	ELMCREST ROAD	739	0.8	1	2	3	4	1	2	2	2
60501C	HAMILTON, ONT.										
	BARTON & SANFORD	727	0.9	1	2	3	4	1	2	2	2
60602R	SUDBURY, ONT.										
	ASH STREET	661	1.0	1	2	3	3	1	2	2	2
60901C	LONDON, ONT.										
	KING & RECTORY	577	0.9	1	2	3	3	1	2	2	2
61001C	SARNIA, ONT.										
	156 VICTORIA STREET	736	1.3	2	3	4	5	2	2	2	2
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	680	1.0	1	3	3	4	1	2	3	3
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	718	1.1	2	3	3	4	1	2	2	2
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	675	1.5	2	3	5	5	2	3	3	4
61601R	OAKVILLE, ONT.										
	REBECCA & WOODSIDE	634	1.3	2	3	4	6	2	2	3	3
70101C	WINNIPEG, MAN.										
70118R	270 OSBORNE STREET	671	0.7	1	2	3	3	1	1	2	2
	JEFFERSON & SCOTIA	620	1.4	2	4	5	6	2	3	3	3
90122R	EDMONTON, ALTA.										
90130C	127 ST. & 133 AVENUE	713	1.1	2	3	4	4	1	2	3	3
	10255 - 104TH STREET	715	0.9	2	3	4	4	1	2	3	3
90219C	CALGARY, ALTA.										
90222R	620-7TH AVENUE, S.W.	699	0.7	1	2	3	3	1	2	2	2
	39 ST. & 29 AVE. N.W.	738	1.9	3	4	4	5	2	3	3	4
00106R	VANCOUVER, B.C.										
00108I	2294 WEST 10TH AVENUE	689	0.7	1	3	4	4	1	2	2	2
00109C	250 WEST 70TH AVENUE	698	0.8	1	3	3	4	1	2	2	3
00110R	970 BURRARD	48	---	1	3	4	4	1	1	1	1
00111I	E. HASTINGS & KENSINGTON	744	1.1	2	3	3	4	1	2	2	3
	ROCKY PT. PARK	735	0.7	1	3	4	4	1	1	2	2
00302C	VICTORIA, B.C.										
	1106 COOK ST.	740	0.9	2	3	3	4	1	2	3	3

*** CALCULATED MEANS ARE BELOW 5 PARTS PER BILLION.
LES MOYENNES SONT INFÉRIEURES À 5 PARTIES PAR BILLION.

--- INSUFFICIENT DATA FOR CALCULATION OF A VALID MEAN.
IL N'Y A PAS ASSEZ DE DONNÉES POUR CALCULER UNE MOYENNE VALABLE.

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.OCTOBER - OCTOBRE
1977INDICE DE SOUILLURE
COH PAR 1000 PIEDS LINEAIRES

STATION	LOCATION EMPLACEMENT	NUMBER OF SAMPLES NOMBRE DE DONNEES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS				DISTRIBUTIONS DES FREQUENCE			
				INTERVALS - INTERVALLES				MEANS - MOYENNES			
				2-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
HALIFAX, N.S.											
30114R	MT ST VINCENT UNIVERSITY	160	----	0.1	0.2	0.4	0.8	0.1	0.2	0.3	0.3
30115I	CFB SHEARWATER	364	****	0.1	0.2	0.3	0.4	0.1	0.1	0.1	0.2
30116C	BARRINGTON & DUKE	357	0.12	0.1	0.3	0.5	0.6	0.1	0.2	0.3	0.3
SYDNEY, N.S.											
30310C	COUNTY JAIL	372	0.16	0.2	0.6	1.0	1.8	0.2	0.4	0.4	0.5
30311R	WHITNEY PIER FIRE STN.	372	0.32	0.4	1.2	1.8	2.6	0.4	0.7	1.2	1.3
SAINT JOHN, N.B.											
40202C	POST OFFICE	577	(1) 0.15	0.2	0.4	1.1	1.5	0.2	0.4	0.4	0.4
MONTREAL, QUEBEC											
50101R	PARC JARRY	344	****	0.1	0.2	0.4	0.4	0.1	0.2	0.2	0.2
50102R	JARDIN BOTANIQUE	371	0.40	0.5	1.0	1.4	1.6	0.5	0.7	0.8	0.9
50103R	POINTE-AUX-TREMBLES	369	0.32	0.4	0.9	1.5	1.8	0.4	0.7	0.9	1.0
50104C	1125 ONTARIO EST	364	0.39	0.4	1.0	1.6	2.1	0.5	0.9	1.0	1.0
50105C	1212 DRUMMOND	359	0.32	0.4	0.8	1.5	1.8	0.4	0.5	0.7	0.8
50106R	VILLE ST-LAURENT	372	0.35	0.4	1.0	1.6	2.2	0.4	0.7	0.8	0.8
50107R	VILLE LASALLE	338	0.36	0.4	1.2	1.7	3.6	0.5	0.9	1.1	1.2
50109C	DUNCAN & DECARIE	313	0.50	0.7	1.2	1.4	1.6	0.6	0.9	1.0	1.1
50110C	PARC PILON, MTL.-NORD	369	0.34	0.4	1.4	1.9	2.2	0.5	0.9	1.0	1.1
50111C	2900 BOUL. CONCORDE	372	0.25	0.3	0.9	1.2	2.2	0.3	0.6	0.7	0.8
50112C	BOUL. LAURENTIDES	0	----	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	372	0.33	0.4	1.0	1.5	1.7	0.4	0.6	0.8	0.8
50115C	PEEL & MAISONNEUVE	315	0.49	0.6	1.0	1.5	1.8	0.6	0.8	1.0	1.0
HULL, QUEBEC											
50203R	GAMBLIN & JOFFRE	243	0.24	0.3	0.7	1.1	1.6	0.3	0.5	0.6	0.6
QUEBEC, QUEBEC											
50303I	CENTRE LOISIRS LIMOILLOU	356	0.28	0.3	1.1	1.9	2.0	0.3	0.9	1.1	1.2
50304C	155 DORCHESTER SUD	372	0.19	0.2	0.7	1.7	3.1	0.2	0.6	1.2	1.2
TROIS-RIVIERES, QUEBEC											
50801R	HART & STE-CECILE	372	0.32	0.5	1.1	1.7	2.0	0.4	0.8	0.9	0.9
TRACY, QUEBEC											
51001R	3225 AVE COURSHESNE	365	0.26	0.3	0.8	1.1	1.4	0.3	0.5	0.7	0.7
THETFORD MINES, QUEBEC											
51101C	BOUL. STE-MARTHE	198	0.16	0.2	0.4	1.0	1.0	0.2	0.3	0.4	0.4
SHAWINIGAN, QUEBEC											
51201I	FRIGON & LAVAL	370	0.40	0.4	1.2	1.4	1.6	0.5	0.8	0.9	1.0
OTTAWA, ONT.											
60101C	88 SLATER ST.	370	0.24	0.3	0.8	1.2	1.3	0.3	0.5	0.7	0.7
60102R	EXPERIMENTAL FARM	312	0.17	0.2	0.6	0.8	1.1	0.2	0.3	0.4	0.5
60103C	GILMOUR STREET	372	0.29	0.4	0.8	1.0	1.4	0.4	0.5	0.6	0.6
60104C	RIDEAU & WURTEMBERG	295	0.23	0.3	0.7	0.9	1.3	0.3	0.4	0.5	0.5
WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	710	(1) 0.57	0.7	1.3	2.1	4.0	0.7	1.2	1.4	1.4
60211R	COLLEGE & PRINCE	727	(1) 0.49	0.6	1.2	1.8	3.1	0.6	1.0	1.3	1.4
KINGSTON, ONT.											
60302R	NAPIER STREET	330	****	0.2	0.3	0.4	0.5	0.1	0.1	0.1	0.2
TORONTO, ONT.											
60401C	67 COLLEGE STREET	723	(1) 0.48	0.6	1.2	1.7	2.1	0.6	1.1	1.3	1.4
60402R	DON MILLS, SCIENCE CNTR	719	(1) 0.43	0.6	1.0	1.7	2.3	0.6	1.0	1.2	1.2
60403I	EVANS & ARNOLD	725	(1) 0.74	0.9	1.9	2.8	3.2	1.0	1.5	2.0	2.1
60409R	REDLANDS CRESCENT	372	0.24	0.3	0.7	0.9	1.2	0.3	0.4	0.6	0.6
60410R	LAWRENCE & KENNEDY	703	(1) 0.16	0.2	0.4	1.0	2.6	0.2	0.4	0.5	0.5
60411R	PHARMACY & HWY 401	711	(1) 0.63	0.8	1.7	2.3	2.9	0.8	1.3	1.5	1.6
60412R	BATHURST & WILSON	725	(1) 0.68	1.0	1.8	2.2	2.8	0.9	1.5	1.9	2.0
60413R	ELMCREST ROAD	166	----	0.3	0.6	0.9	1.1	0.3	0.4	0.5	0.5
HAMILTON, ONT.											
60501C	BARTON & SANFORD	731	(1) 0.61	0.7	1.6	2.3	2.9	0.7	1.2	2.0	2.1
60505R	NORTH PARK	712	(1) 0.78	1.1	1.8	2.3	2.8	1.1	1.6	1.9	1.9
SUDBURY, ONT.											
60602R	ASH STREET	676	(1) 0.15	0.2	0.6	1.2	1.4	0.1	0.6	0.6	0.7
SAULT STE. MARIE, ONT.											
60704C	445 ALBERT STREET	0	----	-	-	-	-	-	-	-	-
THUNDER BAY, ONT.											
60806R	435 JAMES S.	360	0.21	0.3	0.5	0.8	1.1	0.2	0.3	0.4	0.4

(1) BASED ON 1-HOUR READINGS
DONNEES INITIALES D'UNE HEURE**** CALCULATED MEANS ARE BELOW 0.1
LES MOYENNES SONT INFERIEURES A 0.1---- INSUFFICIENT DATA FOR CALCULATION OF A VALID MEAN.
IL N'Y A PAS ASSEZ DE DONNEES POUR CALCULER UNE MOYENNE VALABLE.

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.OCTOBER - OCTOBRE
1977INDICE DE SOUILLURE
UNITES COH PAR 1000 PIEDS LINEAIRES

STATION	LOCATION EMPLACEMENT	NUMBER OF SAMPLES NOMBRE DE DONNEES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES		2-HOUR / HEURES		MEANS ----- MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
60901C	LONDON, ONT. KING & RECTORY	733	(1) 0.28	0.3	0.8	1.1	1.3	0.3	0.7	0.7	0.8
60902C	372 DUNDAS	372	0.25	0.3	0.7	1.3	1.4	0.3	0.6	0.7	0.7
61001C	SARNIA, ONT. 156 VICTORIA STREET	731	(1) 0.30	0.4	0.8	1.1	1.9	0.4	0.6	0.7	0.7
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	276	0.29	0.3	0.9	1.3	1.7	0.3	0.6	0.7	0.7
61201R	CORNWALL, ONT. MEMORIAL PARK	371	0.27	0.3	0.9	1.5	2.2	0.3	0.6	0.7	0.8
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	341	0.26	0.3	0.7	0.9	1.5	0.3	0.5	0.6	0.6
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	372	0.20	0.3	0.5	0.7	1.2	0.2	0.3	0.5	0.6
61501C	KITCHENER, ONT. EDNA & FREDERICK	307	0.31	0.4	0.9	1.4	2.0	0.4	0.8	1.0	1.0
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	371	0.23	0.2	0.9	1.7	2.1	0.2	0.9	1.1	1.2
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	339	0.20	0.2	0.5	0.8	1.2	0.2	0.4	0.5	0.6
70102R	PORTAGE & WOODLAWN	179	----	0.2	0.4	0.5	0.7	0.2	0.3	0.3	0.3
70104I	UNION STOCK YARDS	148	----	0.1	0.3	0.6	0.9	0.1	0.3	0.4	0.4
70118R	JEFFERSON & SCOTIA	314	0.16	0.2	0.4	0.8	0.9	0.2	0.3	0.4	0.5
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	160	----	0.2	0.3	0.5	0.6	0.2	0.3	0.3	0.3
80102R	REGINA, SASK. 3211 ALBERT STREET	257	****	0.1	0.4	0.8	0.9	0.1	0.2	0.2	0.2
80108C	12TH AVE. & SMITH ST.	370	****	0.1	0.4	0.6	0.8	0.1	0.3	0.3	0.3
80202C	SASKATOON, SASK. 4TH AVE. & 23RD ST.	239	0.14	0.2	0.4	0.6	0.8	0.2	0.3	0.4	0.5
80203R	PORTENAU LODGE	331	****	0.1	0.3	0.5	0.5	0.1	0.2	0.3	0.3
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	341	****	0.1	0.2	0.4	0.5	0.1	0.1	0.2	0.2
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	366	0.27	0.3	0.7	1.2	2.5	0.3	0.7	0.8	0.8
90109I	EDMONTON, ALTA. 149 ST. & 115 AVENUE	372	0.23	0.3	0.8	1.2	1.6	0.3	0.5	0.7	0.8
90118R	73 AVENUE & 95 STREET	372	0.17	0.2	0.6	0.9	1.6	0.2	0.4	0.5	0.5
90122R	127 ST. & 133 AVENUE	744	(1) 0.14	0.2	0.5	1.1	1.7	0.2	0.4	0.6	0.7
90123C	100 ST. & 102 AVENUE	72	----	0.3	0.6	0.8	0.8	0.3	0.3	0.3	0.3
90130C	10255 - 104TH STREET	715	(1) 0.22	0.3	0.6	1.0	1.2	0.3	0.5	0.6	0.6
90216R	CALGARY, ALTA. GLENMORE TRAIL & 18 ST.	372	****	0.1	0.3	0.4	0.6	0.1	0.2	0.2	0.2
90218I	BONNY BRK & 18A ST. S.E.	744	(1) 0.34	0.4	1.0	1.4	2.4	0.4	0.7	0.8	0.9
90219C	620-7TH AVENUE, S.W.	694	(1) 0.25	0.3	0.6	0.9	1.2	0.3	0.4	0.5	0.5
90222R	39 ST. & 29 AVE. N.W.	744	(1) 0.16	0.2	0.5	0.8	1.0	0.2	0.3	0.4	0.4
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	0	----	-	-	-	-	-	-	-	-
00106R	2294 WEST 10TH AVENUE	245	0.52	0.7	1.2	1.4	1.5	0.7	0.8	0.8	0.8
00108I	250 WEST 70TH AVENUE	0	----	-	-	-	-	-	-	-	-
00109C	970 BURRARD	134	----	0.7	1.6	2.2	2.7	0.8	0.9	1.0	1.0
00110R	E. HASTINGS & KENSINGTON	315	0.39	0.5	0.9	1.1	1.5	0.5	0.7	0.8	0.8
00111I	ROCKY PT. PARK	308	0.48	0.6	1.2	1.4	2.0	0.6	0.9	1.0	1.1
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	0	----	-	-	-	-	-	-	-	-
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	0	----	-	-	-	-	-	-	-	-
00302C	1106 COOK ST.	336	0.34	0.4	1.0	1.5	1.6	0.4	0.6	0.6	0.6
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	365	0.13	0.2	0.4	0.8	1.7	0.1	0.3	0.4	0.4

(1) BASED ON 1-HOUR READINGS
DONNEES INITIALES D'UNE HEURE**** CALCULATED MEANS ARE BELOW 0.1
LES MOYENNES SONT INFERIEURES A 0.1---- INSUFFICIENT DATA FOR CALCULATION OF A VALID MEAN.
IL N'Y A PAS ASSEZ DE DONNEES POUR CALCULER UNE MOYENNE VALABLE.

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

OCTOBER - OCTOBRE
1977

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						MEAN MOYENNE	*----- LEAD / PLOMB -----*						MEAN MOYENNE
		----- DAY / JOUR -----							*----- DAY / JOUR -----*						
		4	10	16	22	28			4	10	16	22	28		
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	32	42	26	27	39	33		0.6	0.2	0.2	0.3	0.5		0.4
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	48	53	42	49	62	51		0.1	0.1	0.2	0.2	0.7		0.2
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	37	33	44	53	67	47		0.1	0.1	0.1	0.2	0.6		0.2
30102R	DALHOUSIE UNIVERSITY	34	30	30	43	62	40		0.1	0.1	0.1	0.2	0.5		0.2
30114R	MT ST VINCENT UNIVERSITY	25	20	18	26	46	27		0.0	0.0	0.0	0.1	0.3		0.1
30115I	CFB SHEARWATER	17	28	20	35	34	27		0.0	0.0	0.0	0.1	0.1		0.1
30310C	SYDNEY, N.S. COUNTY JAIL	44	-	37	69	60	53		0.6	-	0.3	0.6	0.7		0.5
30311R	WHITNEY PIER FIRE STN.	272	80	-	-	80	144		0.4	0.6	-	-	0.5		0.5
40102C	FREDERICTON, N.B. YORK STREET	32	-	-	-	-	-		0.2	-	-	-	-		-
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	47	38	50	62	72	54		0.2	0.1	0.2	0.3	0.5		0.2
40301C	MONCTON, N.B. 774 MAIN STREET	-	24	21	31	24	25		-	0.1	0.1	0.3	0.1		0.1
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	30	32	31	50	63	41		0.2	0.7	1.7	0.8	1.0		0.9
50103R	POINTE-AUX-TREMBLES	83	52	33	63	96	65		1.0	0.3	0.3	0.7	1.4		0.7
50104C	1125 ONTARIO EST	71	-	-	-	56	-		-	-	-	-	-		-
50105C	1212 DRUMMOND	68	65	53	51	87	65		0.8	0.4	0.7	0.6	1.0		0.7
50106R	VILLE ST-LAURENT	46	36	42	257	91	94		0.7	0.4	0.8	2.2	2.0		1.2
50107R	VILLE LASALLE	126	-	131	63	251	143		0.5	-	1.6	0.5	1.8		1.1
50108R	1700 BOURASSA, LONGUEUIL	55	34	26	42	74	46		1.1	0.4	0.4	0.5	0.9		0.7
50109C	DUNCAN & DECARIE	157	56	38	73	104	86		2.5	1.5	0.5	1.4	2.1		1.6
50110C	PARC PILON, MTL.-NORD	55	25	47	39	103	54		1.1	0.1	1.9	0.7	2.0		1.2
50111C	2900 BOUL. CONCORDE	51	31	33	47	60	44		0.6	0.4	0.4	0.4	0.6		0.5
50112C	BOUL. LAURENTIDES	-	-	-	-	-	-		-	-	-	-	-		-
50113R	PIE X & CARDINAL	27	21	28	29	39	29		0.5	0.2	0.7	0.3	0.6		0.4
50115C	PEEL & MAISONNEUVE	128	84	45	81	104	88		-	-	-	-	-		-
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	74	50	31	-	56	53		0.1	0.3	0.3	-	0.5		0.3
50301C	QUEBEC, QUEBEC PARC-AUTOS PAQ-LALIBERTE	91	34	27	63	82	59		1.4	0.5	0.3	0.9	1.1		0.8
50302R	PARC BARDY	44	29	38	52	66	46		1.0	0.6	0.6	1.4	1.4		1.0
50303I	CENTRE LOISIRS LIMOILLOU	-	40	78	55	89	66		-	0.5	0.5	1.0	1.1		0.8
50304C	155 DORCHESTER SUD	51	33	48	72	126	66		0.8	0.3	0.4	1.3	1.6		0.9
50402R	SHERBROOKE, QUEBEC CASERNE DE POMPIERS #5	34	-	29	31	63	39		0.4	-	0.5	0.4	1.2		0.6
50403C	WELLINGTON & ALBERT	-	-	-	-	-	-		-	-	-	-	-		-
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	-	30	33	-	-	-		-	0.3	0.3	-	-		-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	50	23	31	30	57	38		0.6	0.3	1.3	0.4	1.1		0.7
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	57	31	44	43	92	53		-	-	-	-	-		-
50901R	ARVIDA, QUEBEC POWELL & HOOPES	29	20	45	-	127	55		0.6	0.3	0.5	-	2.1		0.9
51002R	TRACY, QUEBEC GARNEAU & RTE 132	20	27	9	77	38	34		-	-	-	-	-		-
51101C	THETFORD MINES, QUEBEC BOUL. STE-MARTHE	-	21	19	-	-	-		-	-	-	-	-		-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	60	-	-	-	-	-		-	-	-	-	-		-
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	49	-	17	18	28	28		0.1	-	0.1	0.2	0.2		0.2
60101C	OTTAWA, ONT. 88 SLATER ST.	60	12	38	47	60	43		0.7	0.5	0.3	0.3	0.5		0.5
60104C	RIDEAU & WURTEMBURG	43	-	-	32	-	-		-	-	-	-	-		-
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	180	84	72	54	98	98		0.8	0.4	0.2	0.1	1.0		0.5
60202C	CITY HALL	85	73	25	69	82	67		1.0	0.5	0.2	0.6	1.0		0.7
60203R	TECUMSEH WATER WORKS	66	-	-	42	53	54		0.7	-	-	0.2	0.3		0.4
60301R	KINGSTON, ONT. QUEEN'S UNIVERSITY	25	23	27	41	44	32		0.1	0.1	0.1	0.2	0.2		0.2
60401C	TORONTO, ONT. 67 COLLEGE STREET	49	42	25	57	36	42		0.5	0.5	0.2	0.6	0.4		0.4
60402R	DON MILLS, SCIENCE CNTR	29	25	12	34	37	27		-	-	-	-	-		-

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

OCTOBER - OCTOBRE
1977

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		4	10	16	22	28		4	10	16	22	28	
60403I	EVANS & ARNOLD	69	38	10	55	71	49	2.0	1.2	0.5	1.6	2.8	1.6
60409R	REDLANDS CRESCENT	32	25	11	37	42	29	0.3	0.2	0.0	0.3	0.4	0.2
60410R	LAWRENCE & KENNEDY	53	-	14	37	38	36	-	-	-	-	-	-
60411R	PHARMACY & HWY 401	76	35	32	62	70	55	3.4	1.8	-	3.4	4.7	3.3
60412R	BATHURST & WILSON	44	39	18	46	43	38	1.0	1.8	0.4	0.6	0.7	0.9
60413R	ELMCREST ROAD	62	27	16	46	78	46	-	-	-	-	-	-
HAMILTON, ONT.													
60501C	BARTON & SANFORD	55	45	23	51	-	44	0.6	0.8	0.0	0.4	-	0.5
60503I	CHATHAM & FRID	65	45	18	35	-	41	0.4	0.3	0.1	0.1	-	0.2
60505R	NORTH PARK	71	120	25	31	-	62	1.3	1.8	0.2	0.1	-	0.9
SUDBURY, ONT.													
60602R	ASH STREET	24	19	13	15	29	20	0.2	0.2	0.1	0.1	0.4	0.2
60605C	19 LISGAR STREET	-	20	-	-	60	-	-	0.2	-	-	0.9	-
SAULT STE. MARIE, ONT.													
60704C	445 ALBERT STREET	-	-	-	-	-	-	-	-	-	-	-	-
THUNDER BAY, ONT.													
60801C	14 ALGOMA STREET	120	30	33	38	134	71	0.9	0.3	0.3	0.5	1.0	0.6
60806R	435 JAMES S.	26	33	35	36	85	43	-	-	-	-	-	-
LONDON, ONT.													
60901C	KING & RECTORY	55	-	23	46	-	41	0.9	-	0.1	0.6	-	0.5
60902C	372 DUNDAS	52	-	12	28	35	32	0.6	-	0.1	0.3	0.4	0.4
SARNIA, ONT.													
61001C	156 VICTORIA STREET	48	43	18	78	74	52	0.4	0.4	0.1	0.7	0.8	0.5
PETERBOROUGH, ONT.													
61103C	500 GEORGE STREET	28	39	13	-	-	27	0.6	0.5	0.6	-	-	0.6
CORNWALL, ONT.													
61201R	MEMORIAL PARK	-	32	18	42	45	34	-	0.1	-	0.3	0.5	0.3
ST. CATHARINES, ONT.													
61301C	NORTH ST. & GENEVA ST.	42	-	30	123	95	73	-	-	-	-	-	-
BRANTFORD, ONT.													
61401C	DALHOUSIE & QUEEN	39	26	14	44	66	38	-	-	-	-	-	-
KITCHENER, ONT.													
61501C	EDNA & FREDERICK	83	46	18	55	71	55	-	-	-	-	-	-
OAKVILLE, ONT.													
61601R	REBECCA & WOODSIDE	39	28	9	33	50	32	0.4	-	0.1	0.4	1.0	0.5
WINNIPEG, MAN.													
70101C	270 OSBORNE STREET	71	84	85	-	118	90	0.8	2.0	0.5	-	1.3	1.1
70102R	PORTAGE & WOODLAWN	-	-	-	-	-	-	-	-	-	-	-	-
70104I	UNION STOCK YARDS	107	23	85	-	122	84	0.3	0.1	0.2	-	0.3	0.2
70118R	JEFFERSON & SCOTIA	41	13	64	81	69	54	0.4	0.0	0.1	1.1	0.2	0.4
BRANDON, MAN.													
70201C	11TH ST. & PRINCESS AVE.	75	19	67	76	104	68	0.2	0.1	0.0	0.6	0.4	0.3
REGINA, SASK.													
80102R	3211 ALBERT STREET	19	11	69	41	45	37	0.2	0.0	0.1	0.0	0.1	0.1
80108C	12TH AVE. & SMITH ST.	53	22	85	48	67	55	0.2	0.1	0.1	0.2	0.4	0.2
SASKATOON, SASK.													
80202C	4TH AVE. & 23RD ST.	92	57	172	150	205	135	0.2	0.2	0.1	0.2	0.5	0.3
80203R	PORTENAU LODGE	19	23	94	133	136	81	0.0	0.1	0.0	0.3	0.6	0.2
MOOSE JAW, SASK.													
80301C	FAIRFORD ST. & 1ST AVE.	51	21	84	86	147	78	0.1	0.0	0.0	0.3	1.1	0.3
PRINCE ALBERT, SASK.													
80401C	1257-1ST AVE. EAST	55	42	111	207	264	136	0.1	0.1	0.2	0.3	0.5	0.2
EDMONTON, ALTA.													
90103R	146TH ST. & 92ND AVE.	65	49	121	114	137	97	0.1	0.3	0.2	0.2	0.4	0.2
90121I	17 STREET & 105 AVENUE	88	56	56	62	169	86	0.2	0.3	0.1	0.2	0.4	0.2
90122R	127 ST. & 133 AVENUE	40	81	73	125	201	104	0.1	0.3	0.0	0.4	0.4	0.2
90123C	100 ST. & 102 AVENUE	86	66	93	126	173	109	0.5	0.5	0.3	0.4	0.7	0.5
90130C	10255 - 104TH STREET	116	69	-	144	182	128	0.4	0.1	-	0.3	0.6	0.4
CALGARY, ALTA.													
90203R	407-31 AVENUE, N.W.	-	-	-	-	129	-	-	-	-	-	0.3	-
90204C	316-7TH AVENUE	215	-	84	131	170	150	0.5	-	0.2	0.7	0.6	0.5
90218I	BONNY BRK & 18A ST. S.E.	92	55	106	224	333	162	0.2	0.2	0.3	0.1	0.6	0.3
90222R	39 ST. & 29 AVE. N.W.	-	-	59	-	-	-	-	-	0.0	-	-	-
RED DEER, ALTA.													
90301C	4747 50TH STREET	94	67	96	145	159	112	0.2	0.3	0.1	0.3	0.1	0.2
MEDICINE HAT, ALTA.													
90401C	770 FIRST STREET, S.E.	37	40	120	120	113	86	0.0	0.1	0.2	0.2	0.3	0.2

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

OCTOBER - OCTOBRE
1977

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		4	10	16	22	28		4	10	16	22	28	
90501C	LETHBRIDGE, ALTA. 13 ST. & 9 AVENUE S.	20	27	60	106	39	50	0.1	0.0	0.0	0.0	0.0	0.0
99001C	YELLOWKNIFE, N.W.T. 50TH AVE. & 51ST STREET	72	-	47	63	53	59	0.2	-	0.0	0.0	0.0	0.1
	VANCOUVER, B.C.												
00102R	100 RICHMOND STREET	107	51	-	-	-	-	2.7	1.1	-	-	-	-
00104R	27TH & ONTARIO	70	45	48	44	34	48	1.3	1.3	0.8	0.8	1.0	1.0
00106R	2294 WEST 10TH AVENUE	-	-	52	56	45	51	-	-	0.8	0.9	1.5	1.1
00108I	250 WEST 70TH AVENUE	-	96	-	58	75	76	-	1.9	-	0.5	0.8	1.0
00109C	970 BURRARD	106	58	56	53	40	63	1.9	1.1	0.9	0.7	0.9	1.1
00110R	E. HASTINGS & KENSINGTON	70	48	54	43	33	50	1.2	0.5	0.5	0.3	0.7	0.6
00111I	ROCKY PT. PARK	146	-	68	75	-	96	1.0	-	0.5	0.5	-	0.7
	PRINCE GEORGE, B.C.												
00201C	1306-7TH AVENUE	-	52	88	94	153	97	-	0.2	0.8	0.1	0.6	0.4
	VICTORIA, B.C.												
00301C	POLICE STATION, FISGUARD	-	-	-	65	173	-	-	-	-	0.9	0.6	-
00302C	1106 COOK ST.	76	49	64	78	65	66	0.9	0.5	1.1	1.0	0.7	0.9
	WHITEHORSE, YUKON												
09001C	FEDERAL BUILDING	266	50	114	99	87	123	0.6	0.1	0.1	0.2	0.3	0.2

COMBINATION OF SULPHUR DIOXIDE AND
SUSPENDED PARTICULATES
1000*(MICROGRAMS/CU.METRE)**2

OCTOBER - OCTOBRE
1977

DIOXYDE DE SOUFRE ET
PARTICULES EN ASSOCIATION
1000*(MICROGRAMMES/METRE CUBE)**2

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		4	10	16	22	28
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	0	1	0	0	1
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	-	-	0	1	-
30114R 30115I	HALIFAX, N.S. MT ST VINCENT UNIVERSITY CFB SHEARWATER	0 0	- 0	0 0	1 -	0 -
30310C 30311R	SYDNEY, N.S. COUNTY JAIL WHITNEY PIER FIRE STN.	0 5	- 2	0 -	0 -	0 2
50102R 50103R 50104C 50105C 50106R 50107R 50109C 50110C 50111C 50112C 50113R 50115C	MONTREAL, QUEBEC JARDIN BOTANIQUE POINTE-AUX-TREMBLES 1125 ONTARIO EST 1212 DRUMMOND VILLE ST-LAURENT VILLE LASALLE DUNCAN & DECARIE PARC PILON, MTL.-NORD 2900 BOUL. CONCORDE BOUL. LAURENTIDES PIE X & CARDINAL PEEL & MAISONNEUVE	0 3 1 1 2 0 0 0 0 0 0 6	0 4 - - 2 0 - 0 0 0 - 0 4	2 0 - - 3 0 1 1 1 1 -	1 6 - - 2 0 0 1 1 1 -	2 1 1 2 6 0 7 0 1 - 0 7
50203R	HULL, QUEBEC GAMELIN & JOFFRE	0	1	0	-	-
50303I 50304C	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU 155 DORCHESTER SUD	- 0	1 0	6 1	3 1	8 4
50601C	ROUYN, QUEBEC HOTEL DE VILLE	0	0	-	0	5
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	2	0	4	1	4
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	-	1	-	1
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	1	-	-	-	-
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	10	-	1	0	2
60101C 60104C	OTTAWA, ONT. 88 SLATER ST. RIDEAU & WURTEMBURG	2 0	0 -	0 -	1 0	1 -
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	17	3	2	1	-
60401C 60402R 60403I 60409R 60410R 60411R 60412R 60413R	TORONTO, ONT. 67 COLLEGE STREET DON MILLS, SCIENCE CNTR EVANS & ARNOLD REDLANDS CRESCENT LAWRENCE & KENNEDY PHARMACY & HWY 401 BATHURST & WILSON ELMCREST ROAD	0 0 0 0 5 3 0 0	0 0 1 0 - 2 1 0	1 0 0 1 0 1 0 1	1 0 1 1 2 2 1 1	1 0 3 1 - 3 0 1
60501C 60505R	HAMILTON, ONT. BARTON & SANFORD NORTH PARK	1 3	0 10	1 0	0 1	- -
60602R	SUDBURY, ONT. ASH STREET	1	0	0	0	1
60704C	SAULT STE. MARIE, ONT. 445 ALBERT STREET	-	-	-	-	-
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	0	0	-	-
60901C	LONDON, ONT. KING & RECTORY	1	-	1	1	-
61001C	SARNIA, ONT. 156 VICTORIA STREET	1	2	0	4	1
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	0	-	0	-	-

COMBINATION OF SULPHUR DIOXIDE AND
SUSPENDED PARTICULATES
1000*(MICROGRAMS/CU.METRE)**2

OCTOBER - OCTOBRE
1977

DIOXYDE DE SOUFRE ET
PARTICULES EN ASSOCIATION
1000*(MICROGRAMMES/METRE CUBE)**2

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		4	10	16	22	28
61201R	CORNWALL, ONT. MEMORIAL PARK	-	2	0	-	2
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	0	-	0	2	1
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	0	0	-	-	-
61501C	KITCHENER, ONT. EDNA & FREDERICK	0	1	0	1	1
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	0	0	0	1	1
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	-	4	-	-	2
70102R	PORTAGE & WOODLAWN	-	-	-	-	-
70104I	UNION STOCK YARDS	4	2	5	-	9
70118R	JEFFERSON & SCOTIA	0	-	0	-	1
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	0	0	0	0	0
80108C	REGINA, SASK. 12TH AVE. & SMITH ST.	0	0	-	-	0
80202C	SASKATOON, SASK. 4TH AVE. & 23RD ST.	0	-	-	0	0
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	0	0	0	0	-
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	0	-	-	0	0
90122R	127 ST. & 133 AVENUE	0	0	0	0	0
90130C	10255 - 104TH STREET	0	0	-	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	0	0	0	0	0
90222R	39 ST. & 29 AVE. N.W.	-	-	0	-	-
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	-	-	0	2	1
00108I	250 WEST 70TH AVENUE	-	-	-	-	-
00109C	970 BURRARD	3	1	0	2	0
00110R	E. HASTINGS & KENSINGTON	1	1	0	1	0
00111I	ROCKY PT. PARK	-	-	-	-	-
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	-	0	0	0	2
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	-	-	-	0	1
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	-	-	-	-	-

DUSTFALL
GRAMS PER SQUARE METRE PER 30 DAYS
SULPHATION RATES
MILLIGRAMS PER 100 CM2 PER DAY

OCTOBER - OCTOBRE
1977

RETOMBÉES DE POUSSIÈRES
GRAMMES PAR MÈTRE CARRE PAR 30 JOURS
INDICES DE FORMATION DE SULFATE
MILLIGRAMMES PAR 100 CM2 PAR JOUR

STATION	LOCATION EMPLACEMENT	DUSTFALL RETOMBÉES DE POUSSIÈRES	SO3
SYDNEY, N.S.			
30301R	MURPHY ROAD	2.8	0.2 **
30309I	PT EDWARD, RICHMOND PLST	4.4	- **
30310C	COUNTY JAIL	6.7	0.7 **
30311R	WHITNEY PIER FIRE STN.	21.7	0.1 **
GLACE BAY, N.S.			
30401R	LAKE ROAD	7.8	0.4 **
30405C	GENERAL HOSPITAL	7.6	0.8 **
30406R	PUMPING STATION ROAD	11.5	0.1 **
MONTREAL, QUEBEC			
50101R	PARC JARRY	11.0	0.7 *
50102R	JARDIN BOTANIQUE	4.0	0.7 *
50103R	POINTE-AUX-TREMBLES	8.0	- *
50106R	VILLE ST-LAURENT	10.0	0.7 *
50107R	VILLE LASALLE	8.0	0.6 *
OTTAWA, ONT.			
60101C	88 SLATER ST.	4.7	-
60102R	EXPERIMENTAL FARM	3.4	-
60103C	GILMOUR STREET	3.4	-
WINDSOR, ONT.			
60201I	MORTON TERMINAL DOCK	1.5	-
60202C	CITY HALL	4.0	-
60203R	TECUMSEH WATER WORKS	5.0	-
60209R	E. C. ROWE & JEFFERSON	-	-
TORONTO, ONT.			
60401C	67 COLLEGE STREET	4.8	2.5 *
60403I	EVANS & ARNOLD	2.1	1.2 *
60404R	5126 YONGE STREET	6.6	2.4 *
60405I	JOHN STREET PUMP STATION	7.0	0.5 *
60406R	ROSEHILL RESERVOIR	5.6	2.2 *
60408C	DANFORTH & ROBINSON	9.2	0.3 *
HAMILTON, ONT.			
60501C	BARTON & SANFORD	7.9	0.5 *
60502I	BURLINGTON & GAGE	13.8	0.8 *
60503I	CHATHAM & FRID	8.6	0.5 *
60507C	HUGHSON & HUNTER	5.4	0.4 *
60510I	STRATHEARN	16.0	0.8 *
SAULT STE. MARIE, ONT.			
60702R	ANNA MCREA PUBLIC SCHOOL	-	- *
60703I	BAYVIEW & YOUNG	12.6	1.0 *
THUNDER BAY, ONT.			
60801C	14 ALGOMA STREET	3.5	0.1 *
60802I	185 GORE STREET	3.9	0.1 *
60805C	521 MEMORIAL AVENUE	4.6	0.1 *
LONDON, ONT.			
60901C	KING & RECTORY	3.3	0.2 *
SARNIA, ONT.			
61001C	156 VICTORIA STREET	3.3	1.0 *
WINNIPEG, MAN.			
70105R	MARTIN & HENDERSON HWY	6.8	0.0 **
70110C	KENNEDY & ST. MARY'S	10.5	-
70113I	WINDERMERE & ROCKMAN	9.2	0.0 **
70115C	PORTAGE & MINTO	20.3	0.1 **
70116I	SMITH & KING	14.5	0.1 **
EDMONTON, ALTA.			
90125C	PRINS ELIZABETH & 108 ST	3.3	0.2 **
90126R	77 AVENUE & 85 STREET	8.7	0.1 **
90127I	115 AVENUE & 159 STREET	12.9	0.1 **
90128R	99 AVENUE & 160 STREET	2.8	0.1 **
CALGARY, ALTA.			
90219C	620-7TH AVENUE, S.W.	4.2	0.1 **
90221R	DALHOUSIE DR & DALHAM DR	9.2	0.1 **
90223C	11 ST. & 38 AVE. S.E.	3.7	0.1 **
90224I	OGDENDALE & 71 AVE S.E.	10.7	0.1 **
90225R	PALLISER DR & OAKWOOD SW	5.1	0.1 **
90226I	SHEPPARD & 84 AVE S.E.	1.9	0.1 **

* INDICATES LEAD PEROXIDE CANDLE
DENOTE LA CHANDELLE DE PEROXYDE DE PLOMB

** INDICATES LEAD PEROXIDE PLATE
DENOTE LA PLAQUE DE PEROXYDE DE PLOMB