



Fisheries and Environment
Canada

Environmental
Protection
Service

Pêches et Environnement
Canada

Service de la
protection de
l'environnement

Monthly Summary August 1977

Atlantic Regional Library
JUL -3 1981

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Surveillance Report
EPS 5-AP-78- 8

Air Pollution
Control Directorate

Rapport de surveillance
EPS 5-AP-78- 8

Direction général de
l'assainissement de l'air

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONAUGUST - AOÛT
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				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES				24-HOUR / HEURES			
				1-HOUR / HEURE							
				70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	593	***	0	2	2	3	0	1	1	1
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	0	---	-	-	-	-	-	-	-	-
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	485	***	0	1	2	5	0	1	1	1
30115I	CFB SHEARWATER	387	***	0	1	6	16	0	2	3	3
30116C	BARRINGTON & DUKE	575	***	1	2	4	8	1	1	2	2
30310C	SYDNEY, N.S. COUNTY JAIL	597	***	1	2	3	4	1	2	2	2
30311R	WHITNEY PIER FIRE STN.	666	1.2	2	3	5	12	1	2	2	2
40202C	SAINT JOHN, N.B. POST OFFICE	664	***	0	1	4	9	0	1	2	2
50101R	MONTREAL, QUEBEC PARC JARRY	530	***	0	1	1	2	1	1	1	1
50102R	JARDIN BOTANIQUE	682	***	0	1	2	4	0	1	1	1
50103R	POINTE-AUX-TREMBLES	679	1.2	1	4	7	9	2	3	4	5
50104C	1125 ONTARIO EST	238	---	1	3	4	5	1	2	2	2
50105C	1212 DRUMMOND	744	2.4	3	5	6	10	3	3	4	4
50106R	VILLE ST-LAURENT	726	***	0	0	0	0	0	0	0	0
50107R	VILLE LASALLE	0	---	-	-	-	-	-	-	-	-
50109C	DUNCAN & DECARIE	614	***	0	1	2	2	0	1	2	2
50110C	PARC PILON, MTL.-NORD	670	***	0	0	1	1	0	0	0	0
50111C	2900 BOUL. CONCORDE	643	***	0	1	3	9	0	1	1	1
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	193	---	0	1	1	2	0	1	1	1
50115C	PEEL & MAISONNEUVE	723	2.1	3	4	6	12	2	3	4	4
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	631	***	0	1	1	3	0	0	0	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	685	2.6	2	10	39	49	2	10	14	14
50304C	155 DORCHESTER SUD	635	1.3	1	6	12	20	1	4	5	5
50305R	MYRAND & ST-CYRILLE	688	1.1	1	4	7	15	1	4	4	4
50601C	ROUYN, QUEBEC HOTEL DE VILLE	666	***	0	0	20	80	0	7	7	8
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	668	***	0	2	5	9	0	1	2	2
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	682	1.6	2	6	12	29	2	5	8	8
50901R	ARVIDA, QUEBEC POWELL & HOOPES	681	1.7	1	9	17	24	2	6	10	10
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	587	***	0	1	4	9	0	1	1	1
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	401	1.2	2	5	10	15	2	3	4	4
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	641	***	1	5	19	31	1	4	9	9
60101C	OTTAWA, ONT. 88 SLATER ST.	562	***	1	2	5	9	1	2	2	2
60104C	RIDEAU & WURTEMBERG	520	***	1	2	3	4	1	2	2	2
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	613	1.7	2	5	8	11	2	4	4	4
60204C	471 UNIVERSITY AVENUE	732	1.8	2	5	7	11	2	4	5	5
60211R	COLLEGE & PRINCE	718	***	1	3	6	12	1	2	3	3
60302R	KINGSTON, ONT. NAPIER STREET	0	---	-	-	-	-	-	-	-	-
60401C	TORONTO, ONT. 67 COLLEGE STREET	728	***	1	2	4	9	1	2	2	2
60402R	DON MILLS, SCIENCE CNTR	727	***	0	2	2	10	0	1	2	2
60403I	EVANS & ARNOLD	668	1.1	1	3	4	5	1	4	4	4
60409R	REDLANDS CRESCENT	740	1.2	1	3	4	7	2	3	3	3
60410R	LAWRENCE & KENNEDY	707	***	0	3	5	10	0	3	4	4
60411R	PHARMACY & HWY 401	716	1.0	1	3	4	7	1	3	3	3
60412R	BATHURST & WILSON	737	1.1	1	3	3	9	1	2	3	3
60413R	ELMCREST ROAD	684	***	1	3	9	13	1	2	3	3

*** 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 MILLIONAUGUST - AOÛT
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
60501C	HAMILTON, ONT. BARTON & SANFORD	732	1.5	2	4	7	10	2	3	4	4
60505R	NORTH PARK	707	***	1	3	5	8	1	2	3	3
60602R	SUDBURY, ONT. ASH STREET	734	1.0	1	5	11	19	1	3	4	4
60606C	KENNEDY STREET	722	2.4	2	8	26	44	3	6	9	9
60704C	SAULT STE. MARIE, ONT. 445 ALBERT STREET	329	---	0	0	2	3	0	1	1	1
60806R	THUNDER BAY, ONT. 435 JAMES S.	699	***	0	1	4	10	0	1	1	1
60901C	LONDON, ONT. KING & RECTORY	737	***	1	2	4	7	1	2	3	3
61001C	SARNIA, ONT. 156 VICTORIA STREET	729	2.0	2	9	13	18	2	8	10	10
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	743	***	0	0	1	3	0	0	0	1
61201R	CORNWALL, ONT. MEMORIAL PARK	429	1.6	2	6	10	15	2	4	5	5
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	243	---	0	1	2	2	0	1	1	1
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	346	---	0	1	1	2	0	1	1	1
61501C	KITCHENER, ONT. EDNA & FREDERICK	217	---	0	1	2	2	0	1	1	1
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	737	***	1	2	4	23	1	2	3	3
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	306	---	1	3	6	47	1	5	5	5
70102R	PORTAGE & WOODLAWN	515	***	0	1	1	1	0	1	1	1
70104I	UNION STOCK YARDS	690	***	0	1	1	3	0	1	1	1
70118R	JEFFERSON & SCOTIA	520	***	2	2	4	4	1	2	3	3
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	588	***	0	1	1	2	0	0	0	0
80108C	REGINA, SASK. 12TH & SMITH	350	---	0	0	0	0	0	0	0	0
80202C	SASKATOON, SASK. CITY LIBRARY	682	***	0	0	0	0	0	0	0	0
80301C	MOOSE JAW, SASK. TELEPHONE BUILDING	679	***	0	0	0	0	0	0	0	0
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	0	---	-	-	-	-	-	-	-	-
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	682	***	0	0	1	1	0	0	0	0
90122R	127 ST. & 133 AVENUE	682	***	0	0	0	1	0	0	0	0
90130C	10255 - 104TH STREET	681	***	0	0	0	1	0	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	682	***	0	0	0	0	0	0	0	0
90219C	620-7TH AVENUE, S.W.	680	***	0	0	0	0	0	0	0	0
90222R	39 ST. & 29 AVE. N.W.	678	***	0	0	0	0	0	0	0	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	372	***	1	1	1	2	1	1	1	1
00108I	250 WEST 70TH AVENUE	562	***	0	1	2	4	0	1	1	1
00109C	970 BURRARD	639	***	1	2	3	5	1	2	2	2
00110R	E. HASTINGS & KENSINGTON	683	***	0	2	3	4	1	1	1	1
00111I	ROCKY PT. PARK	682	***	1	2	3	4	1	2	2	2
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	218	---	0	0	1	1	0	0	0	0
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	650	***	0	1	2	4	0	1	1	1

*** 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.

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLION

AUGUST - AOÛT
1977

DIOXYDE 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		MEANS ---- MOYENNES		24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	112	---	0	0	1	1	0	0	0	0

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

CARBON MONOXIDE
PARTS PER MILLIONAUGUST - AOÛT
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		8-HOUR / HEURES		24-HOUR / HEURES					
				1-HOUR / HEURE											
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.	741	***	0	1	1	1	0	0	0	1	0	0	0	0
30116C	CFB SHEARWATER BARRINGTON & DUKE	739	1.7	2	6	8	10	2	5	6	6	2	3	4	4
50103R	MONTREAL, QUEBEC														
50104C	POINTE-AUX-TREMBLES	703	0.7	1	2	2	4	1	1	2	2	1	1	2	2
50109C	1125 ONTARIO EST	741	2.4	3	5	6	7	3	4	5	5	3	4	4	5
50110C	DUNCAN & DECARIE	657	3.2	4	7	10	14	4	6	7	8	4	5	5	6
50111C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50112C	2900 BOUL. CONCORDE	304	---	1	3	4	5	1	2	3	3	1	2	2	2
50113R	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50114C	PIE X & CARDINAL	679	***	0	1	2	3	0	1	2	2	0	1	1	1
50115C	677 STE-CATHERINE O.	744	4.5	6	8	9	11	5	8	8	9	5	6	7	7
	PEEL & MAISONNEUVE	743	3.1	4	7	10	25	4	6	8	9	4	5	5	5
50203R	HULL, QUEBEC														
	GAMBLIN & JOFFRE	742	0.5	1	1	2	4	1	1	2	2	1	1	1	1
50304C	QUEBEC, QUEBEC														
	155 DORCHESTER SUD	735	1.6	2	4	5	7	2	3	4	5	2	2	3	3
60101C	OTTAWA, ONT.														
60104C	88 SLATER ST.	715	2.4	3	6	9	12	3	5	6	7	3	4	4	4
	RIDEAU & WURTEMBERG	732	0.9	1	2	2	3	1	2	2	2	1	2	2	2
60204C	WINDSOR, ONT.														
	471 UNIVERSITY AVENUE	736	1.8	2	3	4	5	2	3	3	3	2	2	3	3
60401C	TORONTO, ONT.														
60402R	67 COLLEGE STREET	732	1.3	1	2	3	5	2	2	3	4	2	2	2	2
60403I	DON MILLS, SCIENCE CNTR	737	2.5	3	4	5	6	3	4	5	5	3	4	4	4
60410R	EVANS & ARNOLD	724	1.9	2	3	4	6	2	3	3	4	2	2	3	3
60411R	LAWRENCE & KENNEDY	715	2.1	3	4	5	7	2	4	4	5	2	4	4	4
60412R	PHARMACY & HWY 401	737	2.0	2	4	5	7	2	3	3	4	2	3	3	3
60413R	BATHURST & WILSON	742	2.9	3	5	6	9	3	5	5	6	3	4	5	5
	ELMCREST ROAD	736	0.9	1	2	3	5	1	2	3	3	1	2	2	3
60501C	HAMILTON, ONT.														
	BARTON & SANFORD	735	1.2	2	3	4	6	2	3	3	4	2	2	3	3
60602R	SUDBURY, ONT.														
	ASH STREET	728	0.5	1	1	4	4	1	1	3	4	1	1	2	2
60901C	LONDON, ONT.														
	KING & RECTORY	688	0.8	1	3	4	5	1	2	4	4	1	2	3	3
61001C	SARNIA, ONT.														
	156 VICTORIA STREET	736	1.2	1	2	3	6	1	2	2	3	1	2	2	2
61201R	CORNWALL, ONT.														
	MEMORIAL PARK	610	***	0	1	1	2	0	1	1	1	0	0	0	0
61301C	ST. CATHARINES, ONT.														
	NORTH ST. & GENEVA ST.	619	1.0	1	2	5	23	1	2	6	8	1	2	3	3
61501C	KITCHENER, ONT.														
	EDNA & FREDERICK	217	---	1	6	7	7	1	6	6	6	1	6	6	6
61601R	OAKVILLE, ONT.														
	REBECCA & WOODSIDE	736	1.4	2	2	2	3	2	2	2	2	2	2	2	2
70101C	WINNIPEG, MAN.														
70102R	270 OSBORNE STREET	689	1.3	2	3	6	10	1	3	4	6	1	2	3	4
70118R	PORTAGE & WOODLAWN	640	1.1	1	3	5	7	1	2	3	4	1	2	2	2
	JEFFERSON & SCOTIA	0	---	-	-	-	-	-	-	-	-	-	-	-	-
80108C	REGINA, SASK.														
	12TH & SMITH	579	1.6	2	4	5	10	2	3	3	5	2	3	3	3
80202C	SASKATOON, SASK.														
	CITY LIBRARY	717	***	1	2	3	5	1	1	2	2	1	1	1	1
90121I	EDMONTON, ALTA.														
90122R	17 STREET & 105 AVENUE	733	---	1	1	1	2	1	1	1	1	0	1	1	1
90130C	127 ST. & 133 AVENUE	714	1.0	1	3	4	7	1	2	3	3	1	2	2	2
	10255 - 104TH STREET	726	1.5	2	5	7	9	2	4	4	5	2	2	3	3
90219C	CALGARY, ALTA.														
90222R	620-7TH AVENUE, S.W.	729	1.7	2	4	7	14	2	3	5	6	2	3	4	4
	39 ST. & 29 AVE. N.W.	739	0.9	1	2	4	7	1	2	2	3	1	1	2	2
00106R	VANCOUVER, B.C.														
00108I	2294 WEST 10TH AVENUE	721	1.1	1	3	5	7	1	3	4	5	1	2	3	3
	250 WEST 70TH AVENUE	704	0.9	1	2	4	5	1	2	3	4	1	2	2	2

*** 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 MILLIONAUGUST - AOÛT
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			
				1-HOUR / HEURE				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
00109C	970 BURNARD	697	1.7	2	4	6	8	2	3	4	4	2	3	4	4
00110R	E. HASTINGS & KENSINGTON	743	0.8	1	2	2	3	1	1	2	2	1	1	1	2
00111I	ROCKY PT. PARK	0	---	-	-	-	-	-	-	-	-	-	-	-	-
00302C	VICTORIA, B.C. 1106 COOK ST.	701	1.4	2	4	5	8	2	3	4	5	2	3	4	4

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLIONAUGUST - AOÛT
1977DIOXYDE 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				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES				24-HOUR / HEURES			
				1-HOUR / HEURE							
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.										
30116C	CFB SHEARWATER	0	---	-	-	-	-	-	-	-	-
	BARRINGTON & DUKE	678	2.5	3	5	7	8	3	4	5	5
50102R	MONTREAL, QUEBEC										
	JARDIN BOTANIQUE	735	4.2	5	8	9	14	5	6	7	7
50104C	1125 ONTARIO EST	723	3.8	4	6	8	9	4	6	6	7
50109C	DUNCAN & DECARIE	704	3.9	5	7	7	9	5	6	6	6
50110C	PARC PILON, MTL.-NORD	738	1.8	2	4	5	7	2	3	4	4
50111C	2900 BOUL. CONCORDE	631	2.3	3	4	6	7	3	3	4	5
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	685	***	1	2	3	4	1	2	2	2
50115C	PEEL & MAISONNEUVE	740	3.8	4	6	8	12	4	6	6	7
50203R	HULL, QUEBEC										
	GAMBLIN & JOFFRE	694	***	1	2	4	4	1	2	2	2
50304C	QUEBEC, QUEBEC										
	155 DORCHESTER SUD	731	1.8	2	4	5	5	2	3	3	3
60101C	OTTAWA, ONT.										
	88 SLATER ST.	739	4.3	5	8	10	11	5	7	8	8
60104C	RIDEAU & WURTEMBERG	613	1.7	2	5	6	7	2	3	4	4
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	533	2.6	3	5	6	7	3	4	5	5
60401C	TORONTO, ONT.										
	67 COLLEGE STREET	739	3.0	3	6	6	9	3	5	5	5
60402R	DON MILLS, SCIENCE CNTR	734	1.8	2	3	5	6	2	3	4	4
60403I	EVANS & ARNOLD	688	6.2	8	11	14	19	8	11	11	12
60410R	LAWRENCE & KENNEDY	647	5.6	7	10	11	12	6	8	8	8
60411R	PHARMACY & HWY 401	723	4.4	5	7	8	9	5	6	6	6
60412R	BATHURST & WILSON	674	3.1	4	9	13	15	4	7	9	10
60413R	ELMCREST ROAD	731	1.7	2	4	5	7	2	3	4	4
60501C	HAMILTON, ONT.										
	BARTON & SANFORD	740	5.0	7	10	11	13	6	8	8	9
60505R	NORTH PARK	740	4.3	5	8	9	10	5	7	8	8
60602R	SUDBURY, ONT.										
	ASH STREET	726	***	1	1	2	4	1	1	1	1
60901C	LONDON, ONT.										
	KING & RECTORY	675	1.5	2	3	3	3	2	2	2	2
61001C	SARNIA, ONT.										
	156 VICTORIA STREET	737	2.5	3	5	6	8	3	4	5	5
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	725	***	1	2	3	4	1	1	2	2
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	646	1.7	2	3	4	4	2	2	3	3
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	0	---	-	-	-	-	-	-	-	-
61601R	OAKVILLE, ONT.										
	REBECCA & WOODSIDE	735	1.5	2	3	4	5	2	2	3	3
70101C	WINNIPEG, MAN.										
	270 OSBORNE STREET	650	3.2	4	5	7	9	3	5	6	6
70118R	JEFFERSON & SCOTIA	731	1.7	2	4	4	5	2	3	3	3
90122R	EDMONTON, ALTA.										
	127 ST. & 133 AVENUE	684	***	1	2	3	4	1	2	2	2
90130C	10255 - 104TH STREET	693	3.5	4	6	10	15	4	6	7	7
90219C	CALGARY, ALTA.										
	620-7TH AVENUE, S.W.	744	2.9	3	5	6	8	3	4	5	5
90222R	39 ST. & 29 AVE. N.W.	739	1.6	2	3	5	8	2	3	4	4
00106R	VANCOUVER, B.C.										
	2294 WEST 10TH AVENUE	0	---	-	-	-	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	744	2.0	2	4	6	7	2	4	4	4
00109C	970 BURRARD	546	2.0	2	3	4	7	2	3	4	4
00110R	E. HASTINGS & KENSINGTON	0	---	-	-	-	-	-	-	-	-
00111I	ROCKY PT. PARK	0	---	-	-	-	-	-	-	-	-
00302C	VICTORIA, B.C.										
	1106 COOK ST.	399	2.2	3	5	7	8	2	4	5	5

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

OZONE
PARTS PER HUNDRED MILLIONAUGUST - AOÛT
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				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.	717	1.6	2	4	5	7	2	4	5	5
30116C	CFB SHEARWATER BARRINGTON & DUKE	686	1.9	2	4	6	7	2	4	4	4
50102R	MONTREAL, QUEBEC	735	1.7	2	5	7	10	2	4	4	5
50103R	JARDIN BOTANIQUE	630	2.5	3	7	9	12	3	4	5	5
50104C	POINTE-AUX-TREMBLES	744	0.9	1	3	5	10	1	2	3	3
50109C	1125 ONTARIO EST	686	0.9	1	3	4	8	1	2	2	2
50110C	DUNCAN & DECARIE	742	2.7	4	8	10	15	3	6	6	6
50111C	PARC PILON, MTL.-NORD	583	2.4	3	7	9	9	3	4	6	6
50112C	2900 BOUL. CONCORDE	0	---	---	---	---	---	---	---	---	---
50113R	BOUL. LAURENTIDES	575	2.9	4	7	9	10	4	5	6	6
50115C	PIE X & CARDINAL	724	1.0	1	3	5	8	1	2	3	3
50304C	PEEL & MAISONNEUVE										
50304C	QUEBEC, QUEBEC	724	1.5	2	5	7	9	2	3	5	5
60101C	155 DORCHESTER SUD										
60101C	OTTAWA, ONT.	739	2.0	3	6	7	9	2	5	6	6
60104C	88 SLATER ST.	704	2.1	3	5	6	7	3	4	5	5
60204C	RIDEAU & WURTEMBURG										
60204C	WINDSOR, ONT.	733	3.0	4	7	9	9	3	5	6	6
60401C	471 UNIVERSITY AVENUE										
60401C	TORONTO, ONT.	733	1.9	3	5	6	8	2	4	4	4
60402R	67 COLLEGE STREET	738	0.9	1	2	3	4	1	2	2	2
60403I	DON MILLS, SCIENCE CNTR	740	1.5	2	4	6	6	2	3	4	4
60410R	EVANS & ARNOLD	732	1.9	3	5	7	8	2	4	4	4
60413R	LAWRENCE & KENNEDY	729	2.0	3	5	6	7	2	4	5	5
60501C	ELMCREST ROAD										
60501C	HAMILTON, ONT.	729	1.6	2	4	5	6	2	3	4	4
60602R	BARTON & SANFORD										
60602R	SUDBURY, ONT.	731	1.6	2	4	5	6	2	3	4	4
60901C	ASH STREET										
61001C	LONDON, ONT.	734	2.9	4	6	8	9	3	5	6	6
61001C	KING & RECTORY										
61201R	SARNIA, ONT.	727	2.3	3	6	7	10	3	4	5	5
61301C	156 VICTORIA STREET										
61301C	CORNWALL, ONT.	624	1.9	3	4	5	7	2	4	4	4
61501C	MEMORIAL PARK										
61501C	ST. CATHARINES, ONT.	698	2.6	4	6	7	8	3	5	5	5
61601R	NORTH ST. & GENEVA ST.										
70101C	KITCHENER, ONT.	561	2.9	4	6	6	8	4	5	5	5
70118R	EDNA & FREDERICK										
90122R	OAKVILLE, ONT.	742	2.7	3	6	7	9	3	4	5	5
90130C	REBECCA & WOODSIDE										
90130C	WINNIPEG, MAN.	693	2.3	3	6	8	8	3	4	5	5
90130C	270 OSBORNE STREET	654	2.2	3	5	5	6	2	3	4	4
90130C	JEFFERSON & SCOTIA										
90219C	EDMONTON, ALTA.	717	1.4	2	4	5	7	2	2	3	3
90222R	127 ST. & 133 AVENUE	737	1.3	2	3	5	9	1	2	3	3
90222R	10255 - 104TH STREET										
00106R	CALGARY, ALTA.	735	1.2	2	3	4	5	2	2	3	3
00108I	620-7TH AVENUE, S.W.	739	2.0	3	5	6	7	2	3	3	3
00109C	39 ST. & 29 AVE. N.W.										
00110R	VANCOUVER, B.C.	678	1.2	2	4	6	7	2	2	3	3
00111I	2294 WEST 10TH AVENUE	65	---	1	2	2	2	1	1	1	1
00302C	250 WEST 70TH AVENUE	0	---	---	---	---	---	---	---	---	---
00302C	970 BURRARD	586	2.2	3	7	8	11	3	4	4	4
00302C	E. HASTINGS & KENSINGTON	324	---	3	7	9	11	3	3	3	3
00302C	ROCKY PT. PARK										
00302C	VICTORIA, B.C.	699	1.3	2	3	5	10	2	2	3	4
00302C	1106 COOK ST.										

--- 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.AUGUST - AOÛT
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
HALIFAX, N.S.											
30114R	MT ST VINCENT UNIVERSITY	27	----	0.1	0.2	0.2	0.2	0.0	0.1	0.1	0.1
30115I	CFB SHEARWATER	371	****	0.1	0.2	0.3	0.5	0.1	0.1	0.2	0.2
30116C	BARRINGTON & DUKE	371	0.22	0.3	0.6	0.9	1.0	0.2	0.4	0.5	0.5
SYDNEY, N.S.											
30310C	COUNTY JAIL	371	****	0.1	0.2	0.5	0.8	0.1	0.1	0.2	0.3
30311R	WHITNEY PIER FIRE STN.	350	0.20	0.2	0.5	1.1	1.4	0.2	0.4	0.6	0.7
SAINT JOHN, N.B.											
40202C	POST OFFICE	481	(1) ****	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
MONTREAL, QUEBEC											
50101R	PARC JARRY	228	0.16	0.2	0.3	0.6	1.4	0.2	0.2	0.3	0.3
50102R	JARDIN BOTANIQUE	370	0.29	0.4	0.6	0.9	1.0	0.3	0.5	0.5	0.6
50103R	POINTE-AUX-TREMBLES	362	0.17	0.2	0.4	0.6	0.8	0.2	0.4	0.4	0.4
50104C	1125 ONTARIO EST	359	0.26	0.3	0.5	0.7	0.9	0.3	0.4	0.5	0.5
50105C	1212 DRUMMOND	313	0.23	0.3	0.4	0.5	0.6	0.3	0.4	0.4	0.4
50106R	VILLE ST-LAURENT	351	0.21	0.3	0.5	0.7	0.8	0.3	0.4	0.5	0.5
50107R	VILLE LASALLE	372	0.12	0.2	0.3	0.4	0.6	0.1	0.2	0.3	0.3
50109C	DUNCAN & DECARIE	371	0.44	0.6	0.9	1.3	1.4	0.5	0.7	0.7	0.8
50110C	PARC PILON, MTL.-NORD	370	0.22	0.3	0.7	0.9	1.5	0.3	0.5	0.6	0.7
50111C	2900 BOUL. CONCORDE	372	0.13	0.2	0.4	0.6	0.7	0.2	0.3	0.3	0.3
50112C	BOUL. LAURENTIDES	0	----	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	351	0.11	0.1	0.3	0.6	0.7	0.1	0.3	0.3	0.4
50115C	PEEL & MAISONNEUVE	313	0.35	0.4	0.7	1.1	1.3	0.4	0.6	0.7	0.7
QUEBEC, QUEBEC											
50303I	CENTRE LOISIRS LIMOILLOU	372	0.25	0.3	0.8	1.3	1.6	0.3	0.6	0.7	0.7
50304C	155 DORCHESTER SUD	370	0.33	0.4	0.8	0.9	1.7	0.4	0.5	0.6	0.6
TROIS-RIVIERES, QUEBEC											
50801R	HART & STE-CECILE	372	****	0.1	0.5	0.7	1.4	0.1	0.2	0.2	0.3
TRACY, QUEBEC											
51001R	3225 AVE COURSHESNE	368	0.19	0.2	0.5	0.6	0.7	0.2	0.3	0.3	0.3
THETFORD MINES, QUEBEC											
51101C	BOUL. STE-MARTHE	351	0.19	0.2	0.4	0.7	0.7	0.2	0.3	0.3	0.3
SHAWINIGAN, QUEBEC											
51201I	FRIGON & LAVAL	371	0.40	0.5	1.5	2.3	2.7	0.5	0.7	0.8	0.8
OTTAWA, ONT.											
60101C	88 SLATER ST.	372	0.21	0.3	0.6	0.8	0.9	0.2	0.4	0.4	0.4
60102R	EXPERIMENTAL FARM	303	0.12	0.2	0.4	0.5	0.6	0.1	0.2	0.3	0.3
60103C	GILMOUR STREET	372	****	0.1	0.3	0.5	0.8	0.1	0.2	0.2	0.2
60104C	RIDEAU & WURTEMBERG	371	0.15	0.2	0.4	0.6	0.9	0.2	0.3	0.3	0.4
WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	714	(1) 0.53	0.6	1.2	1.6	1.9	0.6	0.9	1.0	1.0
60211R	COLLEGE & PRINCE	694	(1) 0.35	0.4	0.9	1.2	1.4	0.4	0.6	0.7	0.7
KINGSTON, ONT.											
60302R	NAPIER STREET	372	****	0.1	0.2	0.3	0.5	0.1	0.1	0.1	0.1
TORONTO, ONT.											
60401C	67 COLLEGE STREET	730	(1) 0.37	0.5	0.8	1.0	1.6	0.5	0.6	0.7	0.7
60402R	DON MILLS, SCIENCE CNTR	730	(1) 0.31	0.4	0.7	1.1	1.5	0.4	0.7	0.8	0.8
60403I	EVANS & ARNOLD	707	(1) 0.55	0.7	1.1	1.3	1.6	0.6	0.9	0.9	1.0
60409R	REDLANDS CRESCENT	157	----	0.3	0.7	0.9	0.9	0.2	0.3	0.3	0.3
60410R	LAWRENCE & KENNEDY	658	(1) 0.12	0.2	0.5	0.7	1.0	0.1	0.5	0.5	0.5
60411R	PHARMACY & HWY 401	724	(1) 0.46	0.6	1.1	1.4	1.6	0.6	0.8	0.9	0.9
60412R	BATHURST & WILSON	734	(1) 0.52	0.7	1.4	1.8	2.2	0.7	1.1	1.4	1.5
60413R	ELMCREST ROAD	329	0.26	0.3	0.7	1.0	1.9	0.3	0.5	0.6	0.7
HAMILTON, ONT.											
60501C	BARTON & SANFORD	730	(1) 0.42	0.5	1.1	1.5	1.7	0.5	0.8	1.1	1.1
60505R	NORTH PARK	726	(1) 0.72	1.0	1.4	1.6	1.8	0.9	1.2	1.3	1.4
SUDBURY, ONT.											
60602R	ASH STREET	680	(1) ****	0.1	0.2	0.3	0.5	0.1	0.1	0.2	0.2
SAULT STE. MARIE, ONT.											
60704C	445 ALBERT STREET	0	----	-	-	-	-	-	-	-	-
THUNDER BAY, ONT.											
60806R	435 JAMES S.	372	0.16	0.2	0.4	0.6	1.0	0.2	0.2	0.3	0.3
LONDON, ONT.											
60901C	KING & RECTORY	702	(1) 0.25	0.3	0.6	1.1	1.2	0.3	0.4	0.5	0.5

(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.

AUGUST - AOÛT
1977

INDICE 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				MEANS - MOYENNES			
				2-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
60902C	372 DUNDAS	113	----	0.3	0.5	0.6	0.9	0.3	0.3	0.3	0.4
61001C	SARNIA, ONT. 156 VICTORIA STREET	725	(1) 0.15	0.2	0.4	0.6	0.8	0.2	0.3	0.4	0.4
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	17	----	0.2	0.5	0.5	0.5	0.2	0.2	0.2	0.2
61201R	CORNWALL, ONT. MEMORIAL PARK	371	0.15	0.2	0.4	0.6	0.7	0.2	0.2	0.3	0.3
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	227	0.20	0.2	0.6	0.8	1.1	0.2	0.4	0.5	0.5
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	327	0.15	0.2	0.4	0.5	0.8	0.2	0.2	0.3	0.3
61501C	KITCHENER, ONT. EDNA & FREDERICK	370	0.27	0.3	1.0	1.5	2.3	0.3	0.7	0.8	0.9
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	339	0.21	0.2	0.6	0.9	1.0	0.2	0.4	0.4	0.4
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	303	0.15	0.2	0.3	0.6	0.8	0.2	0.3	0.4	0.4
70102R	PORTAGE & WOODLAWN	142	----	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1
70104I	UNION STOCK YARDS	79	----	0.1	0.2	0.3	0.3	0.1	0.2	0.2	0.2
70118R	JEFFERSON & SCOTIA	336	0.12	0.1	0.3	0.5	0.7	0.2	0.2	0.3	0.3
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	247	****	0.1	0.2	0.3	0.3	0.1	0.2	0.2	0.2
80102R	REGINA, SASK. 3211 ALBERT STREET	323	****	0.0	0.0	0.2	0.4	0.0	0.0	0.1	0.1
80108C	12TH & SMITH	360	****	0.0	0.2	0.3	0.5	0.1	0.1	0.1	0.1
80202C	SASKATOON, SASK. CITY LIBRARY	302	****	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
80203R	PORTENAU LODGE	283	****	0.0	0.1	0.2	0.2	0.0	0.1	0.1	0.1
80301C	MOOSE JAW, SASK. TELEPHONE BUILDING	372	****	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.1
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	326	0.10	0.1	0.4	0.7	0.9	0.1	0.3	0.3	0.3
90109I	EDMONTON, ALTA. 149 ST. & 115 AVENUE	324	0.16	0.2	0.5	0.9	1.2	0.2	0.3	0.3	0.3
90118R	73 AVENUE & 95 STREET	343	0.15	0.2	0.5	0.6	0.8	0.2	0.3	0.4	0.4
90122R	127 ST. & 133 AVENUE	744	(1) ****	0.1	0.3	0.5	0.7	0.1	0.1	0.2	0.2
90123C	100 ST. & 102 AVENUE	349	0.16	0.2	0.5	0.8	1.0	0.2	0.3	0.4	0.4
90130C	10255 - 104TH STREET	744	(1) ****	0.1	0.3	0.5	0.8	0.1	0.2	0.2	0.3
90216R	CALGARY, ALTA. GLENMORE TRAIL & 18 ST.	372	****	0.1	0.2	0.3	0.3	0.1	0.1	0.2	0.2
90218I	BONNY BRK & 18A ST. S.E.	743	(1) 0.18	0.2	0.5	0.8	1.1	0.2	0.5	0.5	0.5
90219C	620-7TH AVENUE, S.W.	744	(1) 0.13	0.2	0.3	0.5	0.7	0.2	0.3	0.3	0.3
90222R	39 ST. & 29 AVE. N.W.	739	(1) ****	0.1	0.3	0.4	0.6	0.1	0.2	0.2	0.2
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	0	----	-	-	-	-	-	-	-	-
00106R	2294 WEST 10TH AVENUE	343	0.21	0.3	0.6	0.8	0.9	0.3	0.3	0.4	0.4
00108I	250 WEST 70TH AVENUE	140	----	0.3	0.6	1.0	1.6	0.3	0.4	0.5	0.5
00109C	970 BURRARD	284	0.34	0.4	0.8	1.2	1.6	0.4	0.5	0.6	0.6
00110R	E. HASTINGS & KENSINGTON	372	0.25	0.3	0.7	0.9	0.9	0.3	0.4	0.5	0.5
00111I	ROCKY PT. PARK	67	----	0.3	0.6	0.8	0.8	0.3	0.4	0.4	0.4
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	352	****	0.1	0.2	0.2	0.5	0.1	0.1	0.1	0.1
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	372	0.29	0.3	0.6	1.0	4.3	0.3	0.4	0.6	0.6
00302C	1106 COOK ST.	92	----	0.2	0.3	0.5	0.5	0.1	0.2	0.2	0.2
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	141	----	0.2	0.5	0.6	0.7	0.2	0.3	0.3	0.3

(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

AUGUST - AOÛT
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 -----*					
		5	11	17	23	29		5	11	17	23	29	
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	-	37	38	50	74	50	-	0.2	0.2	0.4	0.4	0.3
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	74	52	33	45	76	56	0.3	0.3	0.2	0.1	0.3	0.2
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	76	42	34	69	85	61	0.3	0.1	0.1	0.3	0.3	0.2
30102R	DALHOUSIE UNIVERSITY	69	-	25	47	70	53	0.3	-	0.1	0.1	0.3	0.2
30114R	MT ST VINCENT UNIVERSITY	47	43	14	24	45	35	0.2	0.2	0.0	0.0	0.1	0.1
30115I	CFB SHEARWATER	49	20	26	32	63	38	0.2	0.0	0.0	0.0	0.1	0.1
30310C	SYDNEY, N.S. COUNTY JAIL	-	44	26	40	81	48	-	0.2	0.6	0.4	0.7	0.5
30311R	WHITNEY PIER FIRE STN.	149	65	102	104	221	128	0.6	0.1	0.3	0.3	0.5	0.4
40102C	FREDERICTON, N.B. YORK STREET	88	39	41	41	90	60	0.5	0.3	0.3	0.2	0.5	0.4
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	-	-	-	-	-	-	-	-	-	-	-	-
40301C	MONCTON, N.B. 774 MAIN STREET	79	65	140	-	-	95	0.5	0.7	1.4	-	-	0.9
50101R	MONTREAL, QUEBEC PARC JARRY	-	-	-	-	-	-	-	-	-	-	-	-
50102R	JARDIN BOTANIQUE	85	-	83	56	87	78	1.6	-	1.2	1.2	0.6	1.2
50103R	POINTE-AUX-TREMBLES	104	103	68	90	134	100	1.2	1.0	0.6	0.9	0.7	0.9
50104C	1125 ONTARIO EST	59	80	50	-	53	61	-	-	-	-	-	-
50105C	1212 DRUMMOND	62	99	47	33	76	63	1.6	1.3	1.2	1.0	1.1	1.2
50106R	VILLE ST-LAURENT	86	126	61	67	102	88	1.7	1.3	1.3	1.1	0.6	1.2
50107R	VILLE LASALLE	75	61	180	109	171	119	0.6	0.3	1.8	0.7	1.4	1.0
50108R	1700 BOURASSA, LONGUEUIL	93	-	79	50	-	74	1.3	-	1.0	0.7	-	1.0
50109C	DUNCAN & DECARIE	149	137	-	134	172	148	3.3	2.5	-	2.5	2.0	2.6
50110C	PARC PILON, MTL.-NORD	-	98	59	134	-	97	-	1.1	0.9	-	-	-
50111C	2900 BOUL. CONCORDE	68	48	66	63	96	68	0.8	0.4	0.4	0.5	0.4	0.5
50112C	BOUL. LAURENTIDES	-	-	-	-	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	48	624	33	36	95	167	0.6	0.3	0.3	0.3	0.4	0.4
50115C	PEEL & MAISONNEUVE	103	140	84	73	116	103	-	-	-	-	-	-
50203R	HULL, QUEBEC GAMELIN & JOFFRE	49	71	46	56	63	57	0.6	0.5	0.2	0.2	0.2	0.3
50301C	QUEBEC, QUEBEC PARC-AUTOS PAQ.LALIBERTE	103	-	61	59	83	77	1.5	-	0.7	0.7	1.0	1.0
50302R	PARC BARDY	-	-	-	62	110	-	-	-	-	1.1	1.2	-
50303I	CENTRE LOISIRS LIMOILLOU	98	142	82	84	126	106	1.6	0.9	0.7	1.0	0.8	1.0
50304C	155 DORCHESTER SUD	-	-	81	88	110	93	-	-	1.0	1.1	1.1	1.1
50402R	SHERBROOKE, QUEBEC CASERNE DE POMPIERS #5	-	-	-	-	-	-	-	-	-	-	-	-
50403C	WELLINGTON & ALBERT	-	-	-	-	-	-	-	-	-	-	-	-
50501C	CHICOUTIMI, QUEBEC HOTEL DE VILLE	-	-	-	-	-	-	-	-	-	-	-	-
50502R	USINE DE FILTRATION	-	35	-	-	25	-	-	0.2	-	-	0.3	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	-	-	-	-	-	-	-	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	77	56	69	61	87	70	-	-	-	-	-	-
50901R	ARVIDA, QUEBEC POWELL & HOOPES	145	-	304	132	207	197	0.8	-	0.5	0.5	0.8	0.7
51002R	TRACY, QUEBEC GARNEAU & RTE 132	47	41	51	6	-	36	-	-	-	-	-	-
51101C	THETFORD MINES, QUEBEC BOUL. STE-MARTHE	106	70	54	75	109	83	-	-	-	-	-	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	-	306	183	255	-	248	-	-	-	-	-	-
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	35	-	-	30	67	44	0.4	-	-	0.2	0.2	0.3
60101C	OTTAWA, ONT. 88 SLATER ST.	69	81	64	62	96	74	1.6	1.1	1.0	0.9	0.7	1.0
60104C	RIDEAU & WURTEMBERG	42	40	37	39	69	45	-	-	-	-	-	-
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	87	-	152	93	73	101	0.3	-	0.2	0.6	0.6	0.4
60202C	CITY HALL	-	-	65	82	65	71	-	-	0.4	0.6	0.8	0.6
60203R	TECUMSEH WATER WORKS	62	67	72	58	52	62	0.5	0.8	0.2	0.3	0.5	0.4
60301R	KINGSTON, ONT. QUEEN'S UNIVERSITY	56	38	26	-	-	40	0.1	0.1	0.1	-	-	0.1

PENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

AUGUST - AOÛT
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
		5	11	17	23	29		5	11	17	23	29	
TORONTO, ONT.													
60401C	67 COLLEGE STREET	64	73	45	-	101	71	0.8	0.8	0.5	-	1.1	0.8
60402R	DON MILLS, SCIENCE CNTR	46	43	22	25	51	37	-	-	-	-	-	-
60403I	EVANS & ARNOLD	-	54	46	47	66	53	-	-	1.5	1.7	1.2	1.5
60409R	REDLANDS CRESCENT	37	35	24	28	41	33	0.2	0.3	0.2	0.2	0.4	0.3
60410R	LAWRENCE & KENNEDY	50	-	55	-	67	57	-	-	-	-	-	-
60411R	PHARMACY & HWY 401	45	46	51	60	60	52	1.2	1.4	3.3	3.0	2.1	2.2
60412R	BATHURST & WILSON	60	70	31	39	69	54	2.2	1.8	0.3	0.4	1.8	1.3
60413R	ELMCREST ROAD	-	40	24	14	49	32	-	-	-	-	-	-
HAMILTON, ONT.													
60501C	BARTON & SANFORD	105	57	81	79	77	80	0.7	0.5	1.2	0.6	0.7	0.7
60503I	CHATHAM & FRID	76	73	40	48	77	63	0.3	0.4	0.3	0.3	0.3	0.3
60505R	NORTH PARK	149	104	45	68	122	98	1.3	1.5	1.0	1.1	1.2	1.2
SUDBURY, ONT.													
60602R	ASH STREET	-	82	19	26	19	37	-	-	-	-	-	-
60605C	19 LISGAR STREET	37	90	35	40	40	48	0.3	-	-	-	-	-
SAULT STE. MARIE, ONT.													
60704C	445 ALBERT STREET	-	68	59	81	50	65	-	-	-	-	-	-
THUNDER BAY, ONT.													
60801C	14 ALGOMA STREET	41	45	22	35	64	41	-	-	-	-	-	-
60806R	435 JAMES S.	29	41	19	25	-	29	-	-	-	-	-	-
LONDON, ONT.													
60901C	KING & RECTORY	57	45	38	39	39	44	0.6	-	0.3	0.3	0.5	0.4
60902C	372 DUNDAS	57	41	-	35	43	44	0.5	-	-	0.2	0.6	0.4
SARNIA, ONT.													
61001C	156 VICTORIA STREET	57	22	-	37	66	46	0.6	0.1	-	0.4	0.5	0.4
PETERBOROUGH, ONT.													
61103C	500 GEORGE STREET	36	38	27	21	64	37	0.3	0.2	0.1	0.1	0.5	0.2
CORNWALL, ONT.													
61201R	MEMORIAL PARK	54	41	26	37	59	43	0.3	-	-	-	-	-
ST. CATHARINES, ONT.													
61301C	NORTH ST. & GENEVA ST.	107	40	-	-	60	69	-	-	-	-	-	-
BRANTFORD, ONT.													
61401C	DALHOUSIE & QUEEN	61	44	28	38	43	43	-	-	-	-	-	-
KITCHENER, ONT.													
61501C	EDNA & FREDERICK	89	67	32	45	66	60	-	-	-	-	-	-
OAKVILLE, ONT.													
61601R	REBECCA & WOODSIDE	55	33	26	31	44	38	0.3	0.3	-	-	0.3	0.3
WINNIPEG, MAN.													
70101C	270 OSBORNE STREET	65	81	82	74	69	74	0.7	2.0	1.5	1.1	0.8	1.2
70102R	PORTAGE & WOODLAWN	-	-	-	-	-	-	-	-	-	-	-	-
70104I	UNION STOCK YARDS	68	58	-	118	37	70	0.3	0.3	-	0.6	0.1	0.3
70118R	JEFFERSON & SCOTIA	36	33	38	46	31	37	0.3	0.3	0.6	0.7	0.4	0.5
BRANDON, MAN.													
70201C	11TH ST. & PRINCESS AVE.	49	51	70	100	51	64	0.2	0.2	0.3	0.3	0.2	0.2
REGINA, SASK.													
80102R	3211 ALBERT STREET	25	49	68	84	76	60	0.1	0.2	0.2	0.0	0.0	0.1
80108C	12TH & SMITH	66	70	80	74	84	75	0.3	0.3	0.3	0.2	0.1	0.2
SASKATOON, SASK.													
80202C	CITY LIBRARY	150	140	106	108	-	126	0.2	0.3	0.2	0.1	-	0.2
80203R	PORTENAU LODGE	43	32	65	67	61	54	0.1	0.0	0.1	0.1	0.0	0.1
MOOSE JAW, SASK.													
80301C	TELEPHONE BUILDING	84	95	96	56	145	95	0.1	0.1	0.3	0.1	0.1	0.2
PRINCE ALBERT, SASK.													
80401C	1257-1ST AVE. EAST	-	-	170	108	79	119	-	-	0.4	0.1	0.1	0.2
EDMONTON, ALTA.													
90103R	146TH ST. & 92ND AVE.	-	44	52	22	23	35	-	0.1	0.1	0.1	0.1	0.1
90121I	17 STREET & 105 AVENUE	315	290	158	57	-	205	0.6	0.1	0.2	0.1	-	0.3
90122R	127 ST. & 133 AVENUE	109	57	70	44	33	63	0.1	0.0	0.0	0.0	0.0	0.0
90123C	100 ST. & 102 AVENUE	119	64	110	104	74	94	0.2	0.1	0.1	0.1	0.1	0.1
90130C	10255 - 104TH STREET	118	101	122	57	132	106	0.1	0.1	0.1	0.1	0.0	0.1
CALGARY, ALTA.													
90203R	407-31 AVENUE, N.W.	-	-	-	-	-	-	-	-	-	-	-	-
90204C	316-7TH AVENUE	-	-	-	130	-	-	-	-	-	0.3	-	-
90218I	BONNY BRK & 18A ST. S.E.	93	128	-	-	123	115	0.1	0.1	-	-	0.1	0.1
90222R	39 ST. & 29 AVE. N.W.	53	62	73	56	45	58	0.0	0.0	0.1	0.1	0.1	0.1
RED DEER, ALTA.													
90301C	4747 50TH STREET	77	68	102	34	35	63	0.1	0.1	0.1	0.1	0.1	0.1

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

AUGUST - AOÛT
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 -----*					
		5	11	17	23	29		5	11	17	23	29	
90401C	MEDICINE HAT, ALTA. 770 FIRST STREET, S.E.	44	58	66	44	32	49	0.1	0.1	0.3	0.1	0.0	0.1
90501C	LETHBRIDGE, ALTA. 13 ST. & 9 AVENUE S.	45	57	74	68	37	56	0.1	0.1	0.1	0.1	0.1	0.1
99001C	YELLOWKNIFE, N.W.T. 50TH AVE. & 51ST STREET	-	-	-	-	-	-	-	-	-	-	-	-
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	97	115	144	47	43	89	0.7	1.4	1.3	0.4	0.5	0.9
00104R	27TH & ONTARIO	69	55	98	48	41	62	0.6	0.7	1.2	0.5	0.6	0.7
00106R	2294 WEST 10TH AVENUE	63	61	102	51	37	63	0.4	0.6	1.7	0.6	0.4	0.8
00108I	250 WEST 70TH AVENUE	125	87	183	68	65	106	1.1	0.9	2.3	0.5	0.6	1.1
00109C	970 BURRARD	105	75	91	102	87	92	1.2	0.1	1.2	1.0	0.8	0.9
00110R	E. HASTINGS & KENSINGTON	112	119	109	48	39	85	1.0	0.9	0.9	0.5	0.4	0.7
00111I	ROCKY PT. PARK	138	168	179	42	-	132	0.6	0.7	0.7	0.4	-	0.6
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	-	156	-	62	53	90	-	0.6	-	0.5	0.4	0.5
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	45	94	72	47	38	59	0.4	1.0	0.9	0.5	0.4	0.6
00302C	1106 COOK ST.	45	73	81	39	39	55	0.5	1.0	1.1	0.6	0.6	0.8
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	166	-	-	58	147	124	0.2	-	-	0.2	0.3	0.2

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

AUGUST - AOÛT
1977

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		5	11	17	23	29
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	-	0	0	-	0
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	-	-	-	-	-
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	-	1	0	0	0
30115I	CFB SHEARWATER	-	0	-	0	0
30310C	SYDNEY, N.S. COUNTY JAIL	-	1	0	1	1
30311R	WHITNEY PIER FIRE STN.	4	1	4	4	12
50101R	MONTREAL, QUEBEC PARC JARRY	-	-	-	-	-
50102R	JARDIN BOTANIQUE	0	-	1	0	0
50103R	POINTE-AUX-TREMBLES	1	3	1	6	0
50104C	1125 ONTARIO EST	-	-	-	-	2
50105C	1212 DRUMMOND	3	4	3	2	7
50106R	VILLE ST-LAURENT	0	0	0	0	0
50107R	VILLE LASALLE	-	-	-	-	-
50109C	DUNCAN & DECARIE	0	0	-	0	7
50110C	PARC PILON, MTL.-NORD	-	0	0	0	-
50111C	2900 BOUL. CONCORDE	0	0	0	0	0
50112C	BOUL. LAURENTIDES	-	-	-	-	-
50113R	PIE X & CARDINAL	-	0	0	-	-
50115C	PEEL & MAISONNEUVE	4	7	3	4	-
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	0	0	0	0	0
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	8	24	7	3	0
50304C	155 DORCHESTER SUD	-	-	10	1	1
50601C	ROUYN, QUEBEC HOTEL DE VILLE	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	3	4	3	1	2
50901R	ARVIDA, QUEBEC POWELL & HOOPES	9	-	56	3	0
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	-	12	5	-	-
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	1	-	-	0	-
60101C	OTTAWA, ONT. 88 SLATER ST.	-	0	1	2	2
60104C	RIDEAU & WURTEMBERG	2	0	0	-	3
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	-	-	7	4	4
60401C	TORONTO, ONT. 67 COLLEGE STREET	1	0	0	-	5
60402R	DON MILLS, SCIENCE CNTR	0	0	0	1	1
60403I	EVANS & ARNOLD	-	0	1	1	4
60409R	REDLANDS CRESCENT	2	1	1	1	2
60410R	LAWRENCE & KENNEDY	0	-	0	-	-
60411R	PHARMACY & HWY 401	1	1	0	0	2
60412R	BATHURST & WILSON	2	1	0	1	1
60413R	ELMCREST ROAD	-	0	0	0	1
60501C	HAMILTON, ONT. BARTON & SANFORD	4	1	2	4	2
60505R	NORTH PARK	6	2	2	2	2
60602R	SUDBURY, ONT. ASH STREET	-	3	0	1	0
60704C	SAULT STE. MARIE, ONT. 445 ALBERT STREET	-	-	0	1	-
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	0	0	0	-
60901C	LONDON, ONT. KING & RECTORY	2	1	1	1	0
61001C	SARNIA, ONT. 156 VICTORIA STREET	2	0	-	0	5
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	0	0	0	0	0

COMBINATION OF SULPHUR DIOXIDE AND
SUSPENDED PARTICULATES
1000*(MICROGRAMS/CU.METRE)**2AUGUST - AOUT
1977DIOXYDE DE SOUFRE ET
PARTICULES EN ASSOCIATION
1000*(MICROGRAMMES/METRE CUBE)**2

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

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

AUGUST - AOUT
1977

RETOMBEES DE POUSSIÈRES
GRAMMES PAR METRE CARRE PAR 30 JOURS
INDICES DE FORMATION DE SULFATE
MILLIGRAMMES PAR 100 CM2 PAR JOUR

STATION	LOCATION EMPLACEMENT	DUSTFALL RETOMBEES DE POUSSIÈRES	SO3
SYDNEY, N.S.			
30301R	MURPHY ROAD	3.5	0.1 **
30309I	PT EDWARD, RICHMOND PLST	3.1	0.1 **
30310C	COUNTY JAIL	6.0	0.1 **
30311R	WHITNEY PIER FIRE STN.	30.9	0.4 **
GLACE BAY, N.S.			
30401R	LAKE ROAD	4.2	0.1 **
30405C	GENERAL HOSPITAL	4.3	0.3 **
30406R	PUMPING STATION ROAD	23.4	0.1 **
MONTREAL, QUEBEC			
50101R	PARC JARRY	4.0	0.3 *
50102R	JARDIN BOTANIQUE	4.0	0.2 *
50103R	POINTE-AUX-TREMBLES	13.0	- *
50106R	VILLE ST-LAURENT	5.0	0.3 *
50107R	VILLE LASALLE	7.0	0.2 *
OTTAWA, ONT.			
60101C	88 SLATER ST.	3.3	-
60102R	EXPERIMENTAL FARM	3.9	-
60103C	GILMOUR STREET	-	-
WINDSOR, ONT.			
60201I	MORTON TERMINAL DOCK	4.6	-
60202C	CITY HALL	5.9	-
60203R	TECUMSEH WATER WORKS	3.2	-
60209R	E. C. ROWE & JEFFERSON	4.1	-
TORONTO, ONT.			
60401C	67 COLLEGE STREET	6.2	0.3 *
60403I	EVANS & ARNOLD	4.0	0.3 *
60404R	5126 YONGE STREET	4.2	0.2 *
60405I	JOHN STREET PUMP STATION	8.4	0.2 *
60406R	ROSEHILL RESERVOIR	5.5	0.2 *
60408C	DANFORTH & ROBINSON	5.9	0.2 *
HAMILTON, ONT.			
60501C	BARTON & SANFORD	11.7	0.3 *
60502I	BURLINGTON & GAGE	10.3	0.6 *
60503I	CHATHAM & FRID	8.3	0.3 *
60507C	HUGHSON & HUNTER	5.9	0.3 *
60510I	STRATHEARN	18.1	1.0 *
SAULT STE. MARIE, ONT.			
60702R	ANNA MCREA PUBLIC SCHOOL	-	- *
60703I	BAYVIEW & YOUNG	10.9	0.2 *
THUNDER BAY, ONT.			
60801C	14 ALGOMA STREET	3.1	0.1 *
60802I	185 GORE STREET	7.6	0.0 *
60805C	521 MEMORIAL AVENUE	5.2	0.1 *
LONDON, ONT.			
60901C	KING & RECTORY	2.3	0.2 *
SARNIA, ONT.			
61001C	156 VICTORIA STREET	3.0	1.0 *
WINNIPEG, MAN.			
70105R	MARTIN & HENDERSON HWY.	6.4	0.1 **
70110C	KENNEDY & ST. MARY'S	9.1	0.0
70113I	WINDERMERE & ROCKMAN	7.3	0.0 **
70115C	PORTAGE & MINTO	30.9	0.0 **
70116I	SMITH & KING	14.3	0.1 **
EDMONTON, ALTA.			
90125C	PRINS ELIZABETH & 108 ST	3.7	0.1 **
90126R	77 AVENUE & 85 STREET	5.2	0.1 **
90127I	115 AVENUE & 159 STREET	10.8	0.1 **
90128R	99 AVENUE & 160 STREET	2.8	0.1 **
90129I	101 AVENUE & 17 STREET	-	- **
CALGARY, ALTA.			
90219C	620-7TH AVENUE, S.W.	-	- **
90221R	DALHOUSIE DR & DALHAM DR	3.6	0.2 **
90223C	11 ST. & 38 AVE. S.E.	6.0	0.2 **
90224I	OGDENDALE & 71 AVE S.E.	7.3	0.2 **
90225R	PALLISER DR & OAKWOOD SW	4.2	0.1 **
90226I	SHEPPARD & 84 AVE S.E.	3.5	0.2 **

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

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