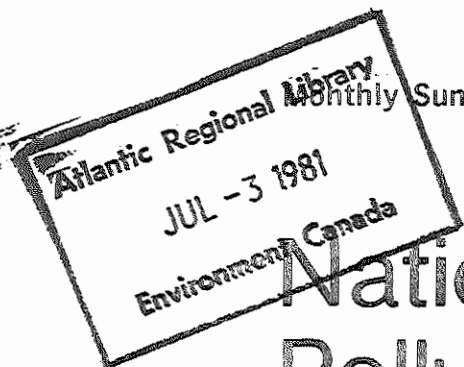


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Monthly Summary May 1977

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National Air Pollution Surveillance

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summary = Surveillance nationale de la pollut
CANADA. AIR POLLUTION CONTROL DIRECTORATE

TD 890 C325
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3408367H

Surveillance Report
EPS 5-AP-78-5

Air Pollution
Control Directorate

Rapport de surveillance
EPS 5-AP-78-5

Direction général de
l'assainissement de l'air

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890
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78-5

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONMAY - MAI
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				MEANS - MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	0	---	-	-	-	-	-	-	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	682	***	1	2	3	4	1	1	1	1
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	652	***	1	2	5	9	1	2	3	3
30115I	CFB SHEARWATER	656	***	0	1	1	2	0	1	1	1
30116C	BARRINGTON & DUKE	603	***	1	3	4	8	1	2	2	3
30310C	SYDNEY, N.S. COUNTY JAIL	682	***	0	1	2	3	0	1	1	1
30311R	WHITNEY PIER FIRE STN.	571	***	1	3	5	6	1	2	2	2
40202C	SAINT JOHN, N.B. POST OFFICE	708	***	0	1	3	5	0	1	2	2
50101R	MONTREAL, QUEBEC PARC JARRY	744	1.1	1	3	8	13	1	3	4	4
50102R	JARDIN BOTANIQUE	744	1.2	1	5	11	24	1	4	5	5
50103R	POINTE-AUX-TREMBLES	592	1.8	2	8	13	19	3	6	6	6
50104C	1125 ONTARIO EST	683	1.4	2	3	6	8	2	2	3	3
50105C	1212 DRUMMOND	431	2.1	2	4	5	6	2	3	3	3
50106R	VILLE ST-LAURENT	625	***	0	1	2	4	0	1	1	1
50107R	VILLE LASALLE	137	---	0	1	2	3	0	1	1	1
50109C	DUNCAN & DECARIE	632	***	0	1	2	2	0	1	1	1
50110C	PARC PILON, MTL.-NORD	596	***	0	1	3	7	0	1	1	1
50111C	2900 BOUL. CONCORDE	542	***	0	1	3	5	0	1	1	1
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	677	***	0	1	1	5	0	1	1	1
50115C	PEEL & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	682	4.4	3	21	40	78	5	16	22	24
50304C	155 DORCHESTER SUD	674	2.1	2	8	21	34	3	6	7	8
50305R	MYRAND & ST-CYRILLE	653	1.1	1	4	13	30	1	4	5	5
50601C	ROUYN, QUEBEC HOTEL DE VILLE	682	2.9	0	15	35	65	4	11	13	13
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	476	***	0	1	4	6	0	1	2	2
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	659	2.6	2	10	35	54	3	11	15	15
50901R	ARVIDA, QUEBEC POWELL & HOOPES	677	1.3	0	7	22	30	1	5	15	16
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	691	***	0	2	8	30	0	3	3	3
60101C	OTTAWA, ONT. 88 SLATER ST.	612	***	1	2	4	7	1	2	2	2
60104C	RIDEAU & WURTEMBERG	738	***	1	3	4	5	1	3	3	3
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	699	2.4	3	6	11	28	3	4	6	7
60204C	471 UNIVERSITY AVENUE	730	2.5	3	6	12	18	3	4	5	5
60211R	COLLEGE & PRINCE	719	1.5	2	5	11	20	2	3	4	4
60302R	KINGSTON, ONT. NAPIER STREET	639	***	0	3	5	10	0	2	2	2
60401C	TORONTO, ONT. 67 COLLEGE STREET	720	1.5	2	4	7	11	2	3	4	4
60402R	DON MILLS, SCIENCE CNTR	726	***	1	2	3	4	1	2	2	2
60403I	EVANS & ARNOLD	726	***	1	2	5	11	1	2	2	3
60409R	REDLANDS CRESCENT	675	1.1	1	3	5	7	2	3	3	3
60410R	LAWRENCE & KENNEDY	730	***	1	2	4	7	1	2	3	3
60411R	PHARMACY & HWY 401	703	1.7	2	6	7	13	2	6	7	7
60412R	BATHURST & WILSON	715	1.1	1	4	7	14	1	3	4	4
60413R	ELMCREST ROAD	703	1.4	2	5	8	41	2	4	4	5
60501C	HAMILTON, ONT. BARTON & SANFORD	726	2.9	3	8	12	15	4	6	7	7
60505R	NORTH PARK	724	1.4	2	4	7	14	2	4	4	4
60602R	SUDBURY, ONT. ASH STREET	735	1.8	2	6	19	72	2	7	8	8
60606C	KENNEDY STREET	673	3.2	3	10	27	47	4	7	8	11

*** 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 MILLIONMAY - MAI
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		MEANS ---- MOYENNES		24-HOUR / HEURES		70 95 99 MAX	
				70	95	99	MAX	70	95	99	MAX
60704C	SAULT STE. MARIE, ONT. 445 ALBERT STREET	692	***	0	2	2	3	1	1	2	2
60806R	THUNDER BAY, ONT. 435 JAMES S.	690	***	0	2	8	13	1	2	2	3
60901C	LONDON, ONT. KING & RECTORY	687	1.1	1	3	4	5	1	2	3	3
61001C	SARNIA, ONT. 156 VICTORIA STREET	711	2.0	1	10	17	25	1	7	10	10
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	575	***	0	1	2	3	0	1	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	735	1.2	2	3	4	5	2	3	4	4
61301C	ST. CATHARINES, ONT. NORTH ST. CITY YARD	740	***	1	1	3	8	1	1	1	2
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	743	***	0	2	3	5	0	1	2	2
61501C	KITCHENER, ONT. EDNA & FREDERICK	738	***	1	1	2	5	1	1	2	2
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	716	***	1	2	4	16	1	2	3	3
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	369	---	1	2	4	9	1	2	2	2
70102R	PORTAGE & WOODLAWN	473	---	1	2	2	2	1	2	2	2
70104I	UNION STOCK YARDS	366	---	0	1	1	1	0	1	1	1
70118R	JEFFERSON & SCOTIA	252	---	1	2	2	2	1	2	2	2
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	497	***	0	1	3	8	0	0	1	1
80108C	REGINA, SASK. 12TH & SMITH	0	---	-	-	-	-	-	-	-	-
80202C	SASKATOON, SASK. CITY LIBRARY	675	***	0	0	1	1	0	0	1	1
80301C	MOOSE JAW, SASK. TELEPHONE BUILDING	497	***	0	0	1	1	0	0	0	0
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	613	***	0	0	0	1	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	682	***	0	0	0	0	0	0	0	0
90122R	127 ST. & 133 AVENUE	681	***	0	0	0	1	0	0	0	0
90130C	10255 - 104TH STREET	678	***	0	0	0	1	0	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	658	***	0	0	0	0	0	0	0	0
90219C	620-7TH AVENUE, S.W.	670	***	0	0	0	0	0	0	0	0
90222R	39 ST. & 29 AVE. N.W.	653	***	0	0	0	0	0	0	0	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	0	---	-	-	-	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	0	---	-	-	-	-	-	-	-	-
00109C	970 BURRARD	159	---	1	2	3	3	1	1	1	1
00110R	E. HASTINGS & KENSINGTON	340	---	0	1	3	5	0	1	1	1
00111I	ROCKY PT. PARK	148	---	0	1	1	1	0	0	0	0
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	682	***	0	0	2	3	0	1	1	1
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	650	***	0	0	0	1	0	0	0	0
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	178	---	0	0	0	0	0	0	0	0

*** 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 MILLIONMAY - MAI
1977MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - INTERVALS - INTERVALLES				CENTILES - DISTRIBUTIONS DES FREQUENCES MEANS ----- MOYENNES							
				1-HOUR 70	95	99	MAX	8-HOUR 70	95	99	MAX	24-HOUR 70	95	99	MAX
30115I	HALIFAX, N.S.	739	***	0	1	1	1	0	0	1	1	0	0	0	0
30116C	CFB SHEARWATER BARRINGTON & DUKE	713	1.3	2	5	7	11	2	3	5	5	2	3	3	3
50103R	MONTREAL, QUEBEC														
50104C	POINTE-AUX-TREMBLES	712	0.7	1	2	2	4	1	1	2	2	1	1	1	1
50109C	1125 ONTARIO EST	736	1.8	2	3	4	6	2	3	3	4	2	3	3	3
50110C	DUNCAN & DECARIE	655	2.4	3	6	8	12	3	5	6	7	3	4	4	4
50111C	PARC PILON, MTL.-NORD	132	---	2	5	8	8	2	4	4	4	2	3	3	3
50112C	2900 BOUL. CONCORDE	734	0.7	1	2	4	6	1	2	3	4	1	1	2	2
50113R	BOUL. LAURENTIDES	0	---	---	---	---	---	---	---	---	---	---	---	---	---
50114C	PIE X & CARDINAL	735	***	0	1	3	7	0	1	2	3	0	1	1	2
50115C	677 STE-CATHERINE O.	708	4.0	5	7	9	12	5	7	8	9	5	6	7	7
	PEEL & MAISONNEUVE	0	---	---	---	---	---	---	---	---	---	---	---	---	---
50203R	HULL, QUEBEC														
	GAMBLIN & JOFFRE	684	***	0	1	3	4	0	1	1	2	0	1	1	1
50304C	QUEBEC, QUEBEC														
	155 DORCHESTER SUD	203	---	3	5	6	7	3	3	4	4	3	3	3	3
60101C	OTTAWA, ONT.														
60104C	88 SLATER ST.	613	2.1	3	6	8	11	3	5	5	6	3	3	4	4
	RIDEAU & WURTEMBERG	724	0.6	1	2	2	4	1	1	2	2	1	1	1	1
60204C	WINDSOR, ONT.														
	471 UNIVERSITY AVENUE	734	1.5	2	3	5	6	2	3	4	5	2	3	3	3
60401C	TORONTO, ONT.														
60402R	67 COLLEGE STREET	739	1.7	2	3	5	8	2	3	4	5	2	3	4	4
60403I	DON MILLS, SCIENCE CNTR	738	1.4	2	2	4	5	2	2	4	4	2	2	3	3
60410R	EVANS & ARNOLD	743	1.9	2	3	4	9	2	3	4	4	2	3	3	3
60411R	LAWRENCE & KENNEDY	742	1.6	2	4	6	9	2	3	5	5	2	3	4	4
60412R	PHARMACY & HWY 401	725	1.8	2	4	5	7	2	3	4	4	2	3	3	3
60413R	BATHURST & WILSON	740	2.4	3	4	5	6	3	4	4	5	3	4	4	4
	ELMCREST ROAD	724	1.1	1	2	3	3	1	2	2	3	1	2	2	2
60501C	HAMILTON, ONT.														
	BARTON & SANFORD	501	1.4	2	3	5	5	2	3	3	4	2	2	3	3
60602R	SUDBURY, ONT.														
	ASH STREET	560	1.1	1	2	2	3	1	2	2	2	1	2	2	2
60901C	LONDON, ONT.														
	KING & RECTORY	734	1.2	1	4	5	11	1	3	4	5	1	2	3	3
61001C	SARNIA, ONT.														
	156 VICTORIA STREET	736	2.0	2	3	5	7	2	3	5	6	2	3	4	4
61201R	CORNWALL, ONT.														
	MEMORIAL PARK	598	***	1	1	1	2	1	1	1	1	1	1	1	1
61301C	ST. CATHARINES, ONT.														
	NORTH ST. CITY YARD	739	1.5	2	3	4	6	2	2	3	3	2	2	2	2
61501C	KITCHENER, ONT.														
	EDNA & FREDERICK	740	7.3	8	8	9	12	8	8	9	9	8	8	8	8
61601R	OAKVILLE, ONT.														
	REBECCA & WOODSIDE	733	1.7	2	2	3	4	2	2	2	2	2	2	2	2
70101C	WINNIPEG, MAN.														
70102R	270 OSBORNE STREET	605	1.4	2	3	6	10	2	3	4	6	2	3	3	3
70118R	PORTAGE & WOODLAWN	590	0.8	1	3	4	7	1	2	3	3	1	2	2	2
	JEFFERSON & SCOTIA	691	0.7	1	2	5	7	1	2	4	4	1	2	2	2
80108C	REGINA, SASK.														
	12TH & SMITH	292	---	2	3	4	5	2	3	3	3	2	2	3	3
80202C	SASKATOON, SASK.														
	CITY LIBRARY	0	---	---	---	---	---	---	---	---	---	---	---	---	---
90121I	EDMONTON, ALTA.														
90122R	17 STREET & 105 AVENUE	612	***	1	1	1	4	1	1	2	2	1	1	1	1
90130C	127 ST. & 133 AVENUE	712	0.7	1	3	5	7	1	2	3	4	1	2	2	2
	10255 - 104TH STREET	691	1.7	2	5	6	9	2	3	4	5	2	3	3	4
90219C	CALGARY, ALTA.														
90222R	620-7TH AVENUE, S.W.	741	1.7	2	4	6	8	2	3	4	5	2	3	3	3
	39 ST. & 29 AVE. N.W.	744	1.0	1	2	2	4	1	1	2	2	1	1	1	1
00106R	VANCOUVER, B.C.														
00108I	2294 WEST 10TH AVENUE	638	0.7	1	2	3	4	1	2	2	3	1	1	2	2
	250 WEST 70TH AVENUE	744	***	1	2	2	4	1	1	2	2	1	1	1	1

*** CALCULATED MEANS ARE BELOW 500 PARTS PER BILLION.
LES MOYENNES SONT INFERIEURES A 500 PARTIES PAR BILLION.

--- 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 MILLIONMAY - MAI
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 BURRARD	710	1.2	1	3	3	5	2	2	3	3	2	2	2	2
00110R	E. HASTINGS & KENSINGTON	740	***	1	1	1	2	1	1	1	1	0	1	1	1
00111I	ROCKY PT. PARK	0	---	-	-	-	-	-	-	-	-	-	-	-	-
	VICTORIA, B.C.														
00302C	1106 COOK ST.	0	---	-	-	-	-	-	-	-	-	-	-	-	-

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

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

MAY - MAI
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
301151	HALIFAX, N.S.										
30116C	CFB SHEARWATER	562	***	0	1	2	3	0	1	1	1
	BARRINGTON & DUKE	740	2.1	2	4	5	5	2	3	3	4
50102R	MONTREAL, QUEBEC										
50104C	JARDIN BOTANIQUE	744	1.2	1	4	7	8	1	4	5	6
50109C	1125 ONTARIO EST	738	4.0	5	6	8	9	4	6	6	6
50110C	DUNCAN & DECARIE	744	4.7	6	8	10	17	6	7	7	8
50111C	PARC PILON, MTL.-NORD	692	3.4	4	6	8	10	4	5	6	6
50112C	2900 BOUL. CONCORDE	734	2.7	3	5	7	9	3	4	5	5
50113R	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50115C	PIE X & CARDINAL	631	1.3	2	4	6	10	2	3	3	3
	PEEL & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
50203R	HULL, QUEBEC										
	GAMBLIN & JOFFRE	115	---	1	2	3	3	1	1	1	1
50304C	QUEBEC, QUEBEC										
	155 DORCHESTER SUD	732	2.4	3	4	6	8	3	3	4	5
60101C	OTTAWA, ONT.										
60104C	88 SLATER ST.	278	---	6	8	9	11	6	8	8	8
	RIDEAU & WURTEMBERG	718	1.9	2	4	6	7	2	3	3	4
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	738	3.9	5	7	10	16	4	6	8	8
60401C	TORONTO, ONT.										
60402R	67 COLLEGE STREET	741	4.1	5	7	9	10	5	6	7	7
60403I	DON MILLS, SCIENCE CNTR	737	2.2	3	4	6	10	3	4	5	5
60410R	EVANS & ARNOLD	723	5.4	6	9	11	14	6	8	9	9
60411R	LAWRENCE & KENNEDY	731	7.9	9	15	18	19	10	14	15	15
60412R	PHARMACY & HWY 401	736	5.2	6	9	11	17	6	8	8	8
60413R	BATHURST & WILSON	737	4.1	5	9	12	16	6	8	9	9
	ELMCREST ROAD	714	2.6	3	5	7	9	3	5	5	6
60501C	HAMILTON, ONT.										
60505R	BARTON & SANFORD	743	7.1	9	12	14	17	8	10	11	11
	NORTH PARK	743	5.7	8	14	17	20	8	13	14	15
60602R	SUDBURY, ONT.										
	ASH STREET	740	1.3	1	3	5	6	2	2	3	3
60901C	LONDON, ONT.										
	KING & RECTORY	739	3.4	4	7	9	10	4	6	6	7
61001C	SARNIA, ONT.										
	156 VICTORIA STREET	729	2.9	3	6	8	10	4	5	5	5
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	738	1.6	2	4	5	6	2	3	4	4
61301C	ST. CATHARINES, ONT.										
	NORTH ST. CITY YARD	740	2.7	3	5	6	8	3	4	4	4
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	737	4.3	5	8	10	14	5	7	8	9
61601R	OAKVILLE, ONT.										
	REBECCA & WOODSIDE	739	2.1	3	4	6	7	2	3	3	4
70101C	WINNIPEG, MAN.										
70118R	270 OSBORNE STREET	0	---	-	-	-	-	-	-	-	-
	JEFFERSON & SCOTIA	733	2.4	3	5	6	8	3	3	4	4
90122R	EDMONTON, ALTA.										
90130C	127 ST. & 133 AVENUE	647	1.5	2	4	4	6	2	3	3	3
	10255 - 104TH STREET	743	3.6	4	6	7	13	4	5	6	6
90219C	CALGARY, ALTA.										
90222R	620-7TH AVENUE, S.W.	697	3.8	4	6	9	17	4	6	8	8
	39 ST. & 29 AVE. N.W.	741	1.6	2	4	6	12	2	3	4	4
00106R	VANCOUVER, B.C.										
00108I	2294 WEST 10TH AVENUE	660	2.4	3	4	5	6	3	3	4	4
00109C	250 WEST 70TH AVENUE	649	2.3	3	4	5	5	3	3	4	4
00110R	970 BURRARD	633	2.1	2	3	4	4	2	3	3	3
00111I	E. HASTINGS & KENSINGTON	0	---	-	-	-	-	-	-	-	-
	ROCKY PT. PARK	0	---	-	-	-	-	-	-	-	-

*** 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.

OZONE
PARTS PER HUNDRED MILLIONMAY - MAI
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				MEANS - MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.										
30116C	CFB SHEARWATER	739	3.7	4	7	9	10	4	7	7	7
	BARRINGTON & DUKE	741	2.5	3	5	8	11	3	5	6	6
50102R	MONTREAL, QUEBEC										
50103R	JARDIN BOTANIQUE	743	2.9	4	7	9	9	3	6	6	6
50104C	POINTE-AUX-TREMBLES	738	4.2	5	9	12	16	5	7	7	7
50109C	1125 ONTARIO EST	740	1.9	3	5	6	7	2	4	4	5
50110C	DUNCAN & DECARIE	744	2.0	3	5	7	9	3	4	4	5
50111C	PARC PILON, MTL.-NORD	741	4.3	5	11	12	18	5	8	9	10
50112C	2900 BOUL. CONCORDE	736	4.6	6	11	12	18	5	7	8	8
50113R	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50115C	PIE X & CARDINAL	736	4.4	5	10	12	16	5	8	9	9
	PEEL & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
50304C	QUEBEC, QUEBEC										
	155 DORCHESTER SUD	734	3.0	4	8	9	18	4	6	7	7
60101C	OTTAWA, ONT.										
60104C	88 SLATER ST.	737	3.0	4	7	9	10	3	7	8	8
	RIDEAU & WURTEMBURG	734	3.3	4	7	8	9	4	6	7	7
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	731	3.8	5	10	12	14	4	7	8	8
60401C	TORONTO, ONT.										
60402R	67 COLLEGE STREET	740	2.6	3	6	8	11	3	4	4	5
60403I	DON MILLS, SCIENCE CNTR	739	1.6	2	4	6	7	2	2	3	3
60410R	EVANS & ARNOLD	741	2.0	3	6	8	9	2	4	5	6
60413R	LAWRENCE & KENNEDY	725	2.3	3	6	8	9	2	4	4	5
	ELMCREST ROAD	731	2.6	4	6	9	11	3	5	6	6
60501C	HAMILTON, ONT.										
	BARTON & SANFORD	744	2.8	4	7	8	9	3	5	6	6
60602R	SUDEBURY, ONT.										
	ASH STREET	739	3.2	4	7	8	9	3	7	8	8
60901C	LONDON, ONT.										
	KING & RECTORY	652	3.2	4	7	11	12	3	6	6	6
61001C	SARNIA, ONT.										
	156 VICTORIA STREET	738	3.3	4	8	11	15	4	6	7	7
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	733	3.2	4	6	8	9	4	5	6	6
61301C	ST. CATHARINES, ONT.										
	NORTH ST. CITY YARD	731	3.8	5	8	11	12	4	7	8	8
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	668	3.7	5	8	10	11	4	7	8	8
61601R	OAKVILLE, ONT.										
	REBECCA & WOODSIDE	690	3.5	5	8	10	11	4	6	7	7
70101C	WINNIPEG, MAN.										
70118R	270 OSBORNE STREET	703	2.2	3	5	5	6	3	3	4	4
	JEFFERSON & SCOTIA	689	4.1	5	8	8	9	5	6	7	7
90122R	EDMONTON, ALTA.										
90130C	127 ST. & 133 AVENUE	682	2.6	4	5	6	8	3	4	4	4
	10255 - 104TH STREET	727	2.7	4	5	6	7	3	4	4	4
90219C	CALGARY, ALTA.										
90222R	620-7TH AVENUE, S.W.	730	2.2	3	4	4	5	3	3	3	4
	39 ST. & 29 AVE. N.W.	742	3.1	4	5	6	6	4	4	4	4
00106R	VANCOUVER, B.C.										
00108I	2294 WEST 10TH AVENUE	0	---	-	-	-	-	-	-	-	-
00109C	250 WEST 70TH AVENUE	535	2.1	3	4	5	6	2	3	4	4
00110R	970 BURRARD	743	1.0	1	2	3	3	1	2	2	2
00111I	E. HASTINGS & KENSINGTON	584	2.4	3	4	4	5	3	3	4	4
	ROCKY PT. PARK	0	---	-	-	-	-	-	-	-	-
00302C	VICTORIA, B.C.										
	1106 COOK ST.	744	4.8	6	8	9	10	5	7	7	7

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.

MAY - MAI
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
30114R	HALIFAX, N.S.										
30115I	MT ST VINCENT UNIVERSITY	371	****	0.1	0.2	0.5	0.5	0.1	0.2	0.2	0.2
30116C	CFB SHEARWATER	372	0.11	0.1	0.3	1.7	6.0	0.1	0.4	1.0	1.0
	BARRINGTON & DUKE	371	0.31	0.4	0.8	1.2	1.6	0.4	0.6	0.7	0.7
30310C	SYDNEY, N.S.										
30311R	COUNTY JAIL	369	0.21	0.2	0.6	1.2	1.6	0.2	0.4	0.5	0.5
	WHITNEY PIER FIRE STN.	372	0.23	0.2	0.8	1.4	2.3	0.3	0.4	0.8	0.8
40202C	SAINT JOHN, N.B.										
	POST OFFICE	665	0.20	0.2	0.5	0.8	1.1	0.2	0.4	0.4	0.5
50101R	MONTREAL, QUEBEC										
50102R	PARC JARRY	280	0.28	0.3	0.6	1.4	2.1	0.3	0.6	0.7	0.7
50103R	JARDIN BOTANIQUE	364	0.36	0.4	0.9	1.6	2.2	0.4	0.8	1.1	1.1
50104C	POINTE-AUX-TREMBLES	372	****	0.0	0.1	0.2	0.4	0.0	0.1	0.1	0.1
50105C	1125 ONTARIO EST	372	0.49	0.5	1.0	1.6	2.0	0.5	0.9	0.9	1.0
50106R	1212 DRUMMOND	372	0.55	0.6	1.4	3.0	4.3	0.5	1.3	1.5	1.6
50107R	VILLE ST-LAURENT	368	0.18	0.2	0.5	0.9	1.4	0.2	0.5	0.6	0.6
50108R	VILLE LASALLE	341	0.29	0.4	0.6	1.0	1.2	0.3	0.5	0.6	0.6
50109C	DUNCAN & DECARIE	371	0.41	0.5	1.1	1.4	1.7	0.5	0.8	0.9	0.9
50110C	PARC PILON, MTL.-NORD	372	0.24	0.3	0.7	1.1	1.3	0.3	0.6	0.8	0.8
50111C	2900 BOUL. CONCORDE	372	****	0.1	0.4	0.7	0.9	0.1	0.3	0.3	0.3
50112C	BOUL. LAURENTIDES	0	----	----	----	----	----	----	----	----	----
50113R	PIE X & CARDINAL	366	****	0.0	0.1	0.2	0.2	0.0	0.0	0.1	0.1
50115C	PEEL & MAISONNEUVE	0	----	----	----	----	----	----	----	----	----
50303I	QUEBEC, QUEBEC										
50304C	CENTRE LOISIRS LIMOILLOU	355	0.27	0.3	0.9	1.6	2.0	0.3	0.7	0.9	1.0
	155 DORCHESTER SUD	366	0.31	0.3	0.8	1.2	1.6	0.4	0.5	0.8	0.8
50801R	TROIS-RIVIERES, QUEBEC										
	HART & STE-CECILE	371	0.26	0.3	0.7	1.7	2.0	0.3	0.8	0.9	1.0
51001R	TRACY, QUEBEC										
	3225 AVE COURSHESNE	371	0.30	0.4	0.7	1.0	1.7	0.3	0.5	0.7	0.8
60101C	OTTAWA, ONT.										
60102R	88 SLATER ST.	360	0.14	0.2	0.4	0.7	0.8	0.2	0.2	0.3	0.3
60103C	EXPERIMENTAL FARM	317	0.15	0.2	0.4	0.6	0.8	0.2	0.3	0.3	0.3
60104C	GILMOUR STREET	262	0.19	0.3	0.5	0.7	1.0	0.2	0.3	0.4	0.4
	RIDEAU & WURTEMBERG	368	0.18	0.2	0.5	0.7	0.9	0.2	0.3	0.4	0.4
60204C	WINDSOR, ONT.										
60211R	471 UNIVERSITY AVENUE	704	(1) 0.61	0.7	1.3	1.8	2.0	0.7	1.1	1.1	1.2
	COLLEGE & PRINCE	725	(1) 0.54	0.6	1.3	1.8	2.1	0.7	0.9	1.2	1.3
60302R	KINGSTON, ONT.										
	NAPIER STREET	370	****	0.2	0.3	0.4	0.5	0.1	0.1	0.2	0.2
60401C	TORONTO, ONT.										
60402R	67 COLLEGE STREET	734	(1) 0.46	0.6	1.1	1.4	1.7	0.6	0.8	1.0	1.0
60403I	DON MILLS, SCIENCE CNTR	731	(1) 0.41	0.5	0.9	1.2	1.6	0.6	0.8	0.9	0.9
60409R	EVANS & ARNOLD	731	(1) 0.54	0.7	1.3	1.8	3.5	0.7	1.0	1.1	1.2
60410R	REDLANDS CRESCENT	371	0.25	0.3	0.7	0.9	1.7	0.3	0.5	0.6	0.7
60411R	LAWRENCE & KENNEDY	728	(1) 0.49	0.6	1.2	1.7	2.5	0.6	0.9	1.3	1.4
60412R	PHARMACY & HWY 401	717	(1) 0.57	0.7	1.3	1.8	2.6	0.7	0.9	0.9	1.0
60413R	BATHURST & WILSON	732	(1) 0.50	0.7	1.2	1.8	2.0	0.7	1.0	1.3	1.4
	ELMCREST ROAD	370	0.30	0.4	0.8	1.3	1.7	0.3	0.6	0.7	0.7
60501C	HAMILTON, ONT.										
60505R	BARTON & SANFORD	728	(1) 0.62	0.8	1.5	2.0	2.4	0.7	1.3	1.4	1.4
	NORTH PARK	709	(1) 0.42	0.5	1.3	1.6	1.9	0.5	1.1	1.3	1.3
60602R	SUDBURY, ONT.										
	ASH STREET	709	(1) 0.14	0.2	0.5	0.7	1.4	0.2	0.4	0.4	0.4
60704C	SAULT STE. MARIE, ONT.										
	445 ALBERT STREET	162	----	0.3	0.5	0.9	1.1	0.2	0.4	0.4	0.4
60806R	THUNDER BAY, ONT.										
	435 JAMES S.	371	0.18	0.2	0.5	0.8	0.9	0.2	0.3	0.4	0.4
60901C	LONDON, ONT.										
60902C	KING & RECTORY	728	(1) 0.30	0.4	0.7	0.9	1.2	0.4	0.6	0.6	0.6
	372 DUNDAS	370	0.15	0.2	0.4	0.5	0.7	0.2	0.3	0.3	0.3
61001C	SARNIA, ONT.										
	156 VICTORIA STREET	699	(1) 0.29	0.4	0.8	1.0	1.2	0.4	0.6	0.7	0.7

(1) BASED ON 1-HOUR READINGS
DONNEES INITIALES D'UNE HEURE

**** CALCULATED MEANS ARE BELOW 0.1
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SOILING INDEX
COH UNITS PER 1000 LINEAR FT.MAY - MAI
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
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	370	0.17	0.2	0.4	0.8	0.9	0.2	0.3	0.3	0.3
61201R	CORNWALL, ONT. MEMORIAL PARK	370	0.20	0.3	0.5	0.9	0.9	0.2	0.3	0.4	0.4
61301C	ST. CATHARINES, ONT. NORTH ST. CITY YARD	371	0.25	0.3	0.6	0.9	1.3	0.3	0.3	0.4	0.4
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	360	0.21	0.3	0.5	0.9	0.9	0.2	0.4	0.4	0.4
61501C	KITCHENER, ONT. EDNA & FREDERICK	354	0.30	0.3	0.8	1.1	2.3	0.4	0.6	0.7	0.8
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	304	0.26	0.3	0.8	1.1	1.1	0.3	0.5	0.6	0.6
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	362	0.17	0.2	0.3	0.5	0.8	0.2	0.3	0.3	0.3
70102R	PORTAGE & WOODLAWN	250	****	0.1	0.2	0.3	0.4	0.1	0.1	0.2	0.2
70104I	UNION STOCK YARDS	254	0.17	0.2	0.4	0.6	0.6	0.2	0.3	0.3	0.3
70118R	JEFFERSON & SCOTIA	95	----	0.2	0.3	0.5	0.5	0.2	0.3	0.3	0.3
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	170	----	0.1	0.2	0.3	0.3	0.1	0.1	0.2	0.2
80102R	REGINA, SASK. 3211 ALBERT STREET	0	----	-	-	-	-	-	-	-	-
80108C	12TH & SMITH	230	****	0.0	0.1	0.2	0.4	0.0	0.1	0.1	0.1
80202C	SASKATOON, SASK. CITY LIBRARY	309	****	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
80203R	PORTENAU LODGE	285	****	0.0	0.1	0.2	0.4	0.0	0.1	0.1	0.1
80301C	MOOSE JAW, SASK. TELEPHONE BUILDING	339	****	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	286	0.44	0.6	1.5	2.2	3.9	0.9	1.5	1.5	1.6
90109I	EDMONTON, ALTA. 149 ST. & 115 AVENUE	221	0.11	0.1	0.4	0.6	0.7	0.1	0.2	0.3	0.3
90118R	73 AVENUE & 95 STREET	181	----	0.1	0.3	0.8	0.9	0.1	0.3	0.3	0.3
90122R	127 ST. & 133 AVENUE	706 (1)	****	0.1	0.3	0.5	0.9	0.1	0.2	0.3	0.3
90123C	100 ST. & 102 AVENUE	257	0.11	0.1	0.4	0.5	0.6	0.1	0.2	0.2	0.2
90130C	10255 - 104TH STREET	743 (1)	0.20	0.3	0.4	0.6	1.1	0.2	0.3	0.4	0.4
90216R	CALGARY, ALTA. GLENMORE TRAIL & 18 ST.	372	****	0.1	0.2	0.3	0.4	0.1	0.1	0.1	0.1
90218I	BONNY BRK & 18A ST. S.E.	743 (1)	0.12	0.2	0.3	0.5	0.5	0.2	0.2	0.3	0.3
90219C	620-7TH AVENUE, S.W.	741 (1)	0.17	0.2	0.4	0.6	0.7	0.2	0.3	0.3	0.3
90222R	39 ST. & 29 AVE. N.W.	744 (1)	****	0.1	0.2	0.3	0.4	0.1	0.1	0.2	0.2
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	67	----	0.3	0.7	1.0	1.0	0.2	0.3	0.3	0.3
00106R	2294 WEST 10TH AVENUE	191	0.20	0.3	0.5	0.8	0.8	0.2	0.3	0.3	0.3
00108I	250 WEST 70TH AVENUE	372	0.26	0.4	0.7	0.9	1.5	0.3	0.5	0.6	0.6
00109C	970 BURRARD	90	----	0.2	0.5	0.8	0.8	0.2	0.2	0.3	0.3
00110R	E. HASTINGS & KENSINGTON	372	0.20	0.3	0.6	0.8	1.0	0.2	0.3	0.4	0.4
00111I	ROCKY PT. PARK	372	0.20	0.3	0.6	0.9	1.0	0.2	0.4	0.4	0.5
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	0	----	-	-	-	-	-	-	-	-
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	372	0.24	0.3	0.6	1.0	3.7	0.3	0.4	0.6	0.6
00302C	1106 COOK ST.	155	----	0.2	0.4	0.5	0.6	0.2	0.2	0.3	0.3
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	230	0.20	0.3	0.7	0.9	1.0	0.2	0.3	0.4	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.

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*							*----- LEAD / PLOMB -----*						
		----- DAY / JOUR -----				*----- MEAN MOYENNE -----*			*----- DAY / JOUR -----*				*----- MEAN MOYENNE -----*		
		1	7	13	19	25	31		1	7	13	19	25	31	
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	50	36	40	59	-	-	46	0.4	0.3	0.4	0.5	-	-	0.4
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	44	39	43	67	67	65	54	0.2	0.2	0.2	0.2	0.3	0.2	0.2
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	43	33	47	27	103	63	53	0.2	0.2	0.3	0.2	0.3	0.3	0.3
30102R	DALHOUSIE UNIVERSITY	32	32	37	32	92	56	47	0.1	0.1	0.2	0.2	0.3	0.3	0.2
30114R	MT ST VINCENT UNIVERSITY	20	30	29	37	63	71	42	0.1	0.1	0.2	0.3	0.2	0.6	0.2
30115I	CFB SHEARWATER	23	20	44	22	77	91	46	0.0	0.1	0.1	0.0	0.1	0.2	0.1
30310C	SYDNEY, N.S. COUNTY JAIL	46	50	84	95	31	67	62	0.2	0.5	0.7	0.7	0.5	0.4	0.5
30311R	WHITNEY PIER FIRE STN.	112	75	128	114	152	119	117	0.3	0.2	0.6	0.7	0.7	0.4	0.5
40102C	FREDERICTON, N.B. YORK STREET	43	53	52	84	82	93	68	0.2	0.2	0.2	0.4	0.4	0.6	0.3
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	64	63	57	56	110	110	77	0.3	0.3	0.3	0.2	0.7	0.3	0.3
40301C	MONCTON, N.B. 774 MAIN STREET	68	41	-	-	-	-	-	0.4	0.3	-	-	-	-	-
50101R	MONTREAL, QUEBEC PARC JARRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50102R	JARDIN BOTANIQUE	56	40	57	111	-	77	68	0.6	0.8	0.5	0.9	-	1.0	0.8
50103R	POINTE-AUX-TREMBLES	-	51	65	117	141	109	97	-	0.7	1.4	0.6	0.7	1.2	0.9
50104C	1125 ONTARIO EST	75	34	41	115	75	106	74	-	-	-	-	-	-	-
50105C	1212 DRUMMOND	84	36	60	133	106	-	84	-	-	-	-	-	-	-
50106R	VILLE ST-LAURENT	65	31	58	140	119	93	84	0.4	0.4	0.6	1.2	0.6	0.9	0.7
50107R	VILLE LASALLE	286	147	206	182	295	-	223	5.6	1.5	3.7	1.0	3.7	-	3.1
50108R	1700 BOURASSA, LONGUEUIL	72	35	46	123	105	91	79	0.5	0.3	0.4	0.8	0.4	0.8	0.5
50109C	DUNCAN & DECARIE	120	52	96	190	197	180	139	2.2	1.1	1.1	2.3	1.6	2.8	1.8
50110C	PARC PILON, MTL.-NORD	63	48	105	110	118	56	83	0.4	0.7	1.4	1.0	1.0	0.5	0.9
50111C	2900 BOUL. CONCORDE	151	65	122	97	110	76	104	0.3	0.2	0.2	0.5	0.2	0.5	0.3
50112C	BOUL. LAURENTIDES	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	70	-	-	-	-	56	-	0.4	-	-	-	-	0.5	-
50115C	PEEL & MAISONNEUVE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	87	41	45	111	61	80	71	0.4	0.2	0.2	0.5	0.2	0.5	

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

MAY - MAI
1977

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*--- PARTICULATES / PARTICULES ---*							*--- LEAD / PLOMB ---*						
		--- DAY / JOUR ---						MEAN	*--- DAY / JOUR ---*						MEAN
		1	7	13	19	25	31	MOYENNE	1	7	13	19	25	31	MOYENNE
HAMILTON, ONT.															
60501C	BARTON & SANFORD	134	127	243	-	171	114	158	0.5	0.6	1.8	-	1.6	0.5	1.0
60503I	CHATHAM & FRID	127	60	98	115	-	99	100	0.4	0.5	0.7	-	-	0.4	0.5
60505R	NORTH PARK	151	53	-	107	91	93	99	1.0	0.4	-	0.0	0.8	0.5	0.5
SUDBURY, ONT.															
60602R	ASH STREET	109	30	49	79	-	-	67	0.3	0.1	0.1	0.5	-	-	0.3
60605C	19 LISGAR STREET	114	38	61	83	68	64	71	0.0	0.0	0.1	0.7	5.0	0.4	1.0
SAULT STE. MARIE, ONT.															
60704C	445 ALBERT STREET	101	42	74	67	66	53	67	0.3	0.2	0.6	0.3	0.5	0.1	0.3
THUNDER BAY, ONT.															
60801C	14 ALGOMA STREET	83	61	197	-	103	-	111	0.2	0.4	0.3	-	0.4	-	0.3
60806R	435 JAMES S.	-	30	102	47	67	85	66	-	-	-	-	-	-	-
LONDON, ONT.															
60901C	KING & RECTORY	105	73	91	92	91	125	96	0.6	0.4	-	0.7	0.5	0.6	0.6
60902C	372 DUNDAS	94	47	78	-	86	111	83	0.5	0.2	0.5	-	0.3	0.6	0.4
SARNIA, ONT.															
61001C	156 VICTORIA STREET	179	-	175	181	132	144	162	0.7	-	1.0	1.1	0.9	0.7	0.9
PETERBOROUGH, ONT.															
61103C	500 GEORGE STREET	115	39	75	64	162	-	91	-	-	-	-	-	-	-
CORNWALL, ONT.															
61201R	MEMORIAL PARK	86	48	55	102	107	92	82	0.4	-	0.3	0.5	-	-	0.4
ST. CATHARINES, ONT.															
61301C	NORTH ST. CITY YARD	90	-	123	107	-	-	107	-	-	-	-	-	-	-
BRANTFORD, ONT.															
61401C	DALHOUSIE & QUEEN	76	47	79	51	74	131	76	-	-	-	-	-	-	-
KITCHENER, ONT.															
61501C	EDNA & FREDERICK	81	-	100	81	121	106	98	-	-	-	-	-	-	-
OAKVILLE, ONT.															
61501R	REBECCA & WOODSIDE	73	49	53	56	61	-	58	-	-	-	-	0.3	-	-
WINNIPEG, MAN.															
70101C	270 OSBORNE STREET	132	128	153	108	115	107	124	0.6	1.7	1.1	0.8	0.7	1.1	1.0
70102R	PORTAGE & WOODLAWN	102	120	163	75	132	56	108	0.5	1.3	0.7	0.5	0.3	0.5	0.6
70104I	UNION STOCK YARDS	114	-	-	-	122	-	-	0.5	-	-	-	0.1	-	-
70118R	JEFFERSON & SCOTIA	99	75	128	45	115	62	87	0.8	1.2	0.5	0.2	0.1	0.5	0.6
BRANDON, MAN.															
70201C	11TH ST. & PRINCESS AVE.	162	87	214	58	282	89	149	0.1	0.5	0.3	0.3	0.1	0.2	0.2
REGINA, SASK.															
80102R	3211 ALBERT STREET	139	55	162	15	92	53	86	0.1	0.0	0.2	0.1	0.1	0.2	0.1
80108C	12TH & SMITH	135	84	197	32	98	101	108	0.1	0.1	0.3	0.2	0.3	0.3	0.2
SASKATOON, SASK.															
80202C	CITY LIBRARY	85	100	202	21	119	148	113	0.1	0.1	0.3	0.2	0.3	0.3	0.2
80203R	PORTENAU LODGE	92	-	-	13	61	83	62	0.1	-	-	0.1	0.1	0.1	0.1
MOOSE JAW, SASK.															
80301C	TELEPHONE BUILDING	155	-	169	25	72	105	105	0.1	-	0.2	0.1	0.2	0.2	0.2
PRINCE ALBERT, SASK.															
80401C	1257-1ST AVE. EAST	99	165	290	33	87	163	140	0.1	0.2	0.5	0.1	0.1	0.1	0.2
EDMONTON, ALTA.															
90103R	146TH ST. & 92ND AVE.	186	54	65	42	50	64	77	0.1	0.1	0.2	0.1	0.1	0.2	0.1
90121I	17 STREET & 105 AVENUE	130	27	110	62	155	28	85	0.1	0.0	0.1	0.1	0.1	0.0	0.1
90122R	127 ST. & 133 AVENUE	110	78	122	90	61	79	90	0.1	0.0	0.1	0.2	0.1	0.0	0.1
90123C	100 ST. & 102 AVENUE	249	82	-	87	68	87	115	0.2	0.2	-	0.2	0.1	0.1	0.2
90130C	10255 - 104TH STREET	-	134	149	120	128	140	134	-	0.0	0.0	0.1	0.2	0.0	0.1
CALGARY, ALTA.															
90203R	407-31 AVENUE, N.W.	260	126	88	87	106	157	137	0.1	0.2	0.2	0.2	0.2	0.4	0.2
90204C	316-7TH AVENUE	-	77	-	119	-	-	-	-	0.3	-	0.4	-	-	-
90218I	BONNY BRK & 18A ST. S.E.	258	69	50	-	-	89	117	0.1	0.1	0.1	-	-	0.1	0.1
90222R	39 ST. & 29 AVE. N.W.	212	56	52	51	57	65	82	0.1	0.0	0.0	0.0	0.0	0.0	0.0
RED DEER, ALTA.															
90301C	4747 50TH STREET	247	82	120	86	85	128	125	0.1	0.1	0.1	0.1	0.1	0.1	0.1
MEDICINE HAT, ALTA.															
90401C	770 FIRST STREET, S.E.	123	77	81	40	54	59	72	0.0	0.1	0.0	0.1	0.1	0.1	0.1
LETHBRIDGE, ALTA.															
90501C	13 ST. & 9 AVENUE S.	159	86	45	42	-	52	77	0.0	0.0	0.0	0.1	-	0.0	0.0
YELLOWKNIFE, N.W.T.															
99001C	50TH AVE. & 51ST STREET	-	91	32	98	77	57	71	-	0.1	0.1	0.0	0.0	0.1	0.1
VANCOUVER, B.C.															
00102R	100 RICHMOND STREET	47	61	44	116	45	38	59	0.4	0.6	0.3	0.1	0.2	0.4	0.3
00104R	27TH & ONTARIO	66	52	37	55	48	33	49	0.5	0.4	0.5	0.4	0.5	0.7	0.5

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SPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

MAY - MAI
1977

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*							*----- LEAD / PLOMB -----*						
		----- DAY / JOUR -----						MEAN	*----- DAY / JOUR -----*						MEAN
		1	7	13	19	25	31	MOYENNE	1	7	13	19	25	31	MOYENNE
00106R	2294 WEST 10TH AVENUE	56	40	49	50	44	94	56	0.5	0.4	0.6	0.4	0.4	0.8	0.5
00108I	250 WEST 70TH AVENUE	-	55	70	104	91	76	79	-	0.4	0.5	0.5	0.4	0.7	0.5
00109C	970 BURRARD	61	47	55	98	68	54	64	0.7	0.7	0.8	0.2	0.6	1.0	0.7
00110R	E. HASTINGS & KENSINGTON	87	48	29	77	45	32	53	0.5	0.3	0.3	0.3	0.3	0.4	0.4
00111I	ROCKY PT. PARK	96	123	30	57	35	31	62	0.6	0.4	0.1	0.3	0.2	0.2	0.3
PRINCE GEORGE, B.C.															
00201C	1306-7TH AVENUE	155	80	81	84	104	-	101	0.7	0.5	0.4	0.6	0.6	-	0.6
VICTORIA, B.C.															
00301C	POLICE STATION, FISGUARD	41	33	38	70	53	34	45	0.4	0.3	0.4	0.3	0.4	0.2	0.3
00302C	1106 COOK ST.	60	41	29	29	43	39	40	1.0	0.3	0.5	0.2	0.5	0.6	0.5
WHITEHORSE, YUKON															
09001C	FEDERAL BUILDING	87	-	-	-	97	74	86	0.1	-	-	-	0.1	0.2	0.1

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

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*					
		1	7	13	19	25	31
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	-	-	-	-	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	1	0	1	2	1	1
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	0	0	0	1	1	-
30115I	CFB SHEARWATER	0	0	0	0	1	0
30310C	SYDNEY, N.S. COUNTY JAIL	0	0	0	0	0	1
30311R	WHITNEY PIER FIRE STN.	3	1	4	1	5	-
50101R	MONTREAL, QUEBEC PARC JARRY	-	-	-	-	-	-
50102R	JARDIN BOTANIQUE	3	0	0	13	-	1
50103R	POINTE-AUX-TREMBLES	-	0	0	4	8	-
50104C	1125 ONTARIO EST	4	1	1	8	2	4
50105C	1212 DRUMMOND	6	-	-	7	4	-
50106R	VILLE ST-LAURENT	0	0	0	3	0	0
50107R	VILLE LASALLE	5	-	-	-	-	-
50109C	DUNCAN & DECARIE	-	0	2	2	0	0
50110C	PARC PILON, MTL.-NORD	-	0	0	1	0	0
50111C	2900 BOUL. CONCORDE	4	0	0	0	-	0
50112C	BOUL. LAURENTIDES	-	-	-	-	-	-
50113R	PIE X & CARDINAL	1	-	-	-	-	0
50115C	PEEL & MAISONNEUVE	-	-	-	-	-	-
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOULOU	3	2	2	23	2	5
50304C	155 DORCHESTER SUD	16	0	-	18	-	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	1	-	21	6	12	0
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	6	0	0	6	2	-
50901R	ARVIDA, QUEBEC POWELL & HOOPES	14	0	-	19	0	4
60101C	OTTAWA, ONT. 88 SLATER ST.	1	1	0	3	2	3
60104C	RIDEAU & WURTEMBERG	-	-	-	3	0	3
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	11	3	44	9	-	9
60401C	TORONTO, ONT. 67 COLLEGE STREET	8	1	1	3	2	5
60402R	DON MILLS, SCIENCE CNTR	-	-	-	-	-	-
60403I	EVANS & ARNOLD	4	0	-	1	0	8
60409R	REDLANDS CRESCENT	4	1	1	5	1	2
60410R	LAWRENCE & KENNEDY	8	0	0	1	1	0
60411R	PHARMACY & HWY 401	6	0	1	2	-	-
60412R	BATHURST & WILSON	-	-	-	-	-	-
60413R	ELMCREST ROAD	-	-	-	-	-	-
60501C	HAMILTON, ONT. BARTON & SANFORD	11	6	7	-	10	14
60505R	NORTH PARK	15	1	-	5	2	2
60602R	SUDBURY, ONT. ASH STREET	10	0	0	14	-	-
60704C	SAULT STE. MARIE, ONT. 445 ALBERT STREET	-	0	0	1	1	1
60806R	THUNDER BAY, ONT. 435 JAMES S.	-	0	2	0	2	0
60901C	LONDON, ONT. KING & RECTORY	6	-	3	1	1	7
61001C	SARNIA, ONT. 156 VICTORIA STREET	31	-	2	6	4	6
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	2	0	0	-	2	-
61201R	CORNWALL, ONT. MEMORIAL PARK	2	2	0	6	4	3
61301C	ST. CATHARINES, ONT. NORTH ST. CITY YARD	2	-	2	1	-	-
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	1	0	0	0	0	3

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

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*					
		1	7	13	19	25	31
61501C	KITCHENER, ONT. EDNA & FREDERICK	2	-	1	0	1	3
61501R	OAKVILLE, ONT. REBECCA & WOODSIDE	2	1	-	1	1	-
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	1	2	-	-	-	-
70102R	PORTAGE & WOODLAWN	0	2	3	3	-	-
70104I	UNION STOCK YARDS	0	-	-	-	-	-
70118R	JEFFERSON & SCOTIA	0	-	1	-	-	-
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	-	-	-	0	-	0
80108C	REGINA, SASK. 12TH & SMITH	-	-	-	-	-	-
80202C	SASKATOON, SASK. CITY LIBRARY	0	0	1	0	0	0
80301C	MOOSE JAW, SASK. TELEPHONE BUILDING	0	-	0	0	-	-
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	0	0	-	0	-	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	0	0	0	0	0	0
90122R	127 ST. & 133 AVENUE	0	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	-	-	0
90222R	39 ST. & 29 AVE. N.W.	0	0	0	0	0	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	-	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	-	-	-	-	-	-
00109C	970 BURRARD	-	-	-	-	1	1
00110R	E. HASTINGS & KENSINGTON	3	0	0	-	-	-
00111I	ROCKY PT. PARK	-	-	-	-	-	0
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	0	0	0	0	0	-
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	-	0	0	0	0	-
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	-	-	-	-	-	-

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

MAY - MAI
1977

RETOMBEES DE POUSSIÈRES
GRAMMES PAR MÈTRE 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	2.4	0.2 **
30309I	PT EDWARD, RICHMOND PLST	-	- **
30310C	COUNTY JAIL	6.2	0.3 **
30311R	WHITNEY PIER FIRE STN.	30.2	0.3 **
GLACE BAY, N.S.			
30401R	LAKE ROAD	6.3	0.4 **
30405C	GENERAL HOSPITAL	5.1	0.4 **
30406R	PUMPING STATION ROAD	4.8	0.2 **
MONTREAL, QUEBEC			
50101R	PARC JARRY	-	- *
50102R	JARDIN BOTANIQUE	-	- *
50103R	POINTE-AUX-TREMBLES	-	- *
50106R	VILLE ST-LAURENT	-	- *
50107R	VILLE LASALLE	-	- *
OTTAWA, ONT.			
60101C	88 SLATER ST.	7.7	-
60102R	EXPERIMENTAL FARM	3.4	-
60103C	GILMOUR STREET	3.7	-
WINDSOR, ONT.			
60201I	MORTON TERMINAL DOCK	9.6	-
60202C	CITY HALL	11.5	-
60203R	TECUMSEH WATER WORKS	5.1	-
60209R	E. C. ROWE & JEFFERSON	6.5	-
TORONTO, ONT.			
60401C	67 COLLEGE STREET	5.8	0.4 *
60403I	EVANS & ARNOLD	4.8	0.3 *
60404R	5126 YONGE STREET	5.7	0.3 *
60405I	JOHN STREET PUMP STATION	6.8	0.3 *
60406R	ROSEHILL RESERVOIR	5.0	0.3 *
60408C	DANFORTH & ROBINSON	5.8	0.3 *
HAMILTON, ONT.			
60501C	BARTON & SANFORD	14.1	- *
60502I	BURLINGTON & GAGE	19.0	1.0 *
60503I	CHATHAM & FRID	6.9	0.6 *
60507C	HUGHSON & HUNTER	10.1	0.7 *
60510I	STRATHEARN	17.9	0.9 *
SAULT STE. MARIE, ONT.			
60702R	ANNA MCREA PUBLIC SCHOOL	3.3	0.2 *
60703I	BAYVIEW & YOUNG	9.6	0.3 *
THUNDER BAY, ONT.			
60801C	14 ALGOMA STREET	6.4	0.1 *
60802I	185 GORE STREET	4.0	0.1 *
60805C	521 MEMORIAL AVENUE	6.7	0.2 *
LONDON, ONT.			
60901C	KING & RECTORY	4.1	0.4 *
SARNIA, ONT.			
61001C	156 VICTORIA STREET	5.0	1.1 *
WINNIPEG, MAN.			
70105R	MARTIN & HENDERSON HWY	-	0.0 **
70110C	KENNEDY & ST. MARY'S	-	- **
70113I	WINDERMERE & ROCKMAN	18.8	0.0 **
70115C	PORTAGE & MINTO	-	- **
70116I	SMITH & KING	24.2	0.0 **
EDMONTON, ALTA.			
90125C	PRINS ELIZABETH & 108 ST	7.6	0.2 **
90126R	77 AVENUE & 85 STREET	22.9	0.1 **
90127I	115 AVENUE & 159 STREET	17.1	0.1 **
90128R	99 AVENUE & 160 STREET	7.5	0.1 **
90129I	101 AVENUE & 17 STREET	-	- **
CALGARY, ALTA.			
90219C	620-7TH AVENUE, S.W.	6.2	- **
90221R	DALHOUSIE DR & DALHAM DR	6.7	0.1 **
90223C	11 ST. & 38 AVE. S.E.	4.8	0.1 **
90224I	OGDENDALE & 71 AVE S.E.	6.2	0.1 **
90225R	PALLISER DR & OAKWOOD SW	4.3	- **
90226I	SHEPPARD & 84 AVE S.E.	7.0	0.1 **

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

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