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l'environnement

Monthly Summary June 1977

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CANADA

National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique



Environment Canada - Environnement Canada

National air pollution surveillance; monthly
summary = Surveillance nationale de la pollut
CANADA. AIR POLLUTION CONTROL DIRECTORATE

TD 890 C325
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Dartmouth Env. Can. Lib./Bib.



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Surveillance Report
EPS 5-AP-78-6

Air Pollution
Control Directorate

Rapport de surveillance
EPS 5-AP-78-6

Direction général de
l'assainissement de l'air

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890
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78-6

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONJUNE - JUIN
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		1-HOUR / HEURE		24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	472	***	1	2	5	10	1	2	2	2
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	660	***	0	1	1	5	0	1	1	1
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	650	***	1	3	5	7	1	2	2	2
30115I	CFB SHEARWATER	575	***	0	1	4	8	0	1	1	1
30116C	BARRINGTON & DUKE	595	***	1	2	4	7	1	2	2	2
30310C	SYDNEY, N.S. COUNTY JAIL	605	***	1	2	4	5	1	2	3	3
30311R	WHITNEY PIER FIRE STN.	270	---	1	3	4	4	1	2	2	2
40202C	SAINT JOHN, N.B. POST OFFICE	671	***	1	4	8	11	1	3	4	4
50101R	MONTREAL, QUEBEC PARC JARRY	686	***	1	2	3	3	1	2	2	2
50102R	JARDIN BOTANIQUE	677	***	1	3	6	9	1	2	3	3
50103R	POINTE-AUX-TREMBLES	627	1.3	1	6	9	12	2	5	6	7
50104C	1125 ONTARIO EST	691	1.3	1	4	6	9	2	2	3	3
50105C	1212 DRUMMOND	678	1.7	2	3	6	8	2	3	3	4
50106R	VILLE ST-LAURENT	660	***	0	0	0	0	0	0	0	0
50107R	VILLE LASALLE	720	***	0	0	0	0	0	0	0	0
50109C	DUNCAN & DECARIE	631	***	0	1	1	2	0	1	1	1
50110C	PARC PILON, MTL.-NORD	400	***	0	0	0	1	0	0	0	0
50111C	2900 BOUL. CONCORDE	523	***	0	1	1	3	0	1	1	1
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	0	---	-	-	-	-	-	-	-	-
50115C	PEEL & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	402	***	0	1	2	6	0	1	1	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	660	6.7	7	25	35	48	8	17	19	21
50304C	155 DORCHESTER SUD	488	3.2	3	11	21	42	3	9	10	11
50305R	MYRAND & ST-CYRILLE	667	***	1	2	4	6	1	2	2	3
50601C	ROUYN, QUEBEC HOTEL DE VILLE	170	---	2	15	20	20	4	7	8	8
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	478	***	0	2	4	6	1	1	1	1
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	660	4.4	3	23	52	62	5	18	24	28
50901R	ARVIDA, QUEBEC POWELL & HOOPES	657	2.7	2	12	19	26	4	9	10	10
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	542	***	0	0	1	1	0	0	0	0
60101C	OTTAWA, ONT. 88 SLATER ST.	647	***	1	2	4	8	1	2	2	2
60104C	RIDEAU & WURTEMBERG	688	***	0	2	3	4	0	2	2	2
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	674	2.0	2	4	9	22	2	4	4	4
60204C	471 UNIVERSITY AVENUE	697	2.1	3	6	8	10	3	3	5	5
60211R	COLLEGE & PRINCE	695	1.1	1	4	7	14	2	2	3	3
60302R	KINGSTON, ONT. NAPIER STREET	670	***	0	1	4	6	0	1	3	3
60401C	TORONTO, ONT. 67 COLLEGE STREET	693	***	1	3	4	5	1	2	2	2
60402R	DON MILLS, SCIENCE CNTR	674	***	1	2	2	3	1	1	2	2
60403I	EVANS & ARNOLD	646	***	1	2	4	5	1	2	2	2
60409R	REDLANDS CRESCENT	716	1.0	1	3	4	8	1	2	3	3
60410R	LAWRENCE & KENNEDY	672	***	0	1	2	5	0	1	1	1
60411R	PHARMACY & HWY 401	623	***	1	3	4	5	1	2	3	3
60412R	BATHURST & WILSON	703	1.2	1	3	8	18	1	3	3	4
60413R	ELMCREST ROAD	695	1.1	1	3	8	17	2	2	3	3
60501C	HAMILTON, ONT. BARTON & SANFORD	698	2.3	2	7	11	15	3	5	7	7
60505R	NORTH PARK	700	1.5	2	4	6	11	2	3	5	5

*** 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 MILLIONJUNE - JUIN
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
60602R	SUDBURY, ONT. ASH STREET	630	2.4	2	10	24	47	3	7	8	12
60606C	KENNEDY STREET	630	3.1	2	10	33	82	4	11	11	16
60704C	SAULT STE. MARIE, ONT. 445 ALBERT STREET	429	***	0	1	2	2	0	1	1	1
60806R	THUNDER BAY, ONT. 435 JAMES S.	707	***	0	1	3	11	0	1	1	1
60901C	LONDON, ONT. KING & RECTORY	704	***	1	2	3	3	1	2	2	2
61001C	SARNIA, ONT. 156 VICTORIA STREET	606	1.8	1	8	16	46	2	6	11	11
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	720	***	0	1	1	2	0	1	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	714	1.3	2	4	7	14	2	3	4	5
61301C	ST. CATHARINES, ONT. NORTH ST. CITY YARD	711	***	1	2	3	6	1	1	1	1
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	598	***	0	1	2	3	0	1	1	1
61501C	KITCHENER, ONT. EDNA & FREDERICK	715	***	0	1	2	2	0	1	1	1
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	713	***	1	2	3	7	1	2	2	2
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	339	---	0	2	4	5	1	1	2	2
70102R	PORTAGE & WOODLAWN	540	***	0	1	3	3	0	1	2	2
70104I	UNION STOCK YARDS	637	***	0	1	2	3	0	1	1	1
70118R	JEFFERSON & SCOTIA	141	---	2	3	3	3	2	2	2	2
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	426	***	0	1	1	2	0	0	0	0
80108C	REGINA, SASK. 12TH & SMITH	56	---	0	0	0	0	0	0	0	0
80202C	SASKATOON, SASK. CITY LIBRARY	525	***	0	1	1	6	0	0	1	1
80301C	MOOSE JAW, SASK. TELEPHONE BUILDING	490	***	0	0	0	0	0	0	0	0
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	630	***	0	0	0	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	660	***	0	0	1	2	0	0	0	0
90122R	127 ST. & 133 AVENUE	660	***	0	0	0	0	0	0	0	0
90130C	10255 - 104TH STREET	650	***	0	0	0	1	0	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	653	***	0	0	0	2	0	0	0	0
90219C	620-7TH AVENUE, S.W.	658	***	0	0	0	0	0	0	0	0
90222R	39 ST. & 29 AVE. N.W.	636	***	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	640	***	1	1	2	4	1	1	1	2
00110R	E. HASTINGS & KENSINGTON	446	***	1	1	2	6	1	1	1	1
00111I	ROCKY PT. PARK	594	***	1	2	3	4	1	1	2	2
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	656	***	0	1	3	7	0	1	1	1
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	649	***	0	0	1	1	0	0	0	0
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	440	***	0	1	1	1	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 MILLIONJUNE - JUIN
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 70	95	99	MAX	8-HOUR 70	95	99	MAX	24-HOUR 70	95	99	MAX		
	HALIFAX, N.S.																
30115I	CFB SHEARWATER	670	***	0	1	1	1	0	0	0	1	0	0	0	0		
30116C	BARRINGTON & DUKE	720	1.6	2	5	7	12	2	4	5	6	2	3	3	3		
	MONTREAL, QUEBEC																
50103R	POINTE-AUX-TREMBLES	631	0.6	1	2	2	3	1	1	2	2	1	1	1	1		
50104C	1125 ONTARIO EST	714	2.1	2	4	5	7	3	4	4	5	3	3	3	3		
50109C	DUNCAN & DECARIE	686	2.5	3	6	10	12	3	5	7	8	3	4	5	5		
50110C	PARC PILON, MTL.-NORD	0	---	---	---	---	---	---	---	---	---	---	---	---	---		
50111C	2900 BOUL. CONCORDE	565	0.8	1	2	3	4	1	2	2	2	1	1	2	2		
50112C	BOUL. LAURENTIDES	0	---	---	---	---	---	---	---	---	---	---	---	---	---		
50113R	PIE X & CARDINAL	709	***	0	1	2	3	0	1	1	1	0	1	1	1		
50114C	677 STE-CATHERINE O.	719	4.7	6	8	10	13	6	8	9	10	5	6	7	7		
50115C	PEEL & MAISONNEUVE	0	---	---	---	---	---	---	---	---	---	---	---	---	---		
	HULL, QUEBEC																
50203R	GAMBLIN & JOFFRE	655	***	1	1	2	3	1	1	1	2	1	1	1	1		
	QUEBEC, QUEBEC																
50304C	155 DORCHESTER SUD	529	1.5	2	4	5	9	2	4	4	5	2	3	4	4		
	OTTAWA, ONT.																
60101C	88 SLATER ST.	631	2.1	3	6	9	13	3	5	6	6	3	3	3	4		
60104C	RIDEAU & WURTEMBERG	700	0.8	1	2	2	3	1	2	2	2	1	2	2	2		
	WINDSOR, ONT.																
60204C	471 UNIVERSITY AVENUE	711	1.4	2	2	3	5	2	2	3	3	2	2	2	2		
	TORONTO, ONT.																
60401C	67 COLLEGE STREET	714	1.7	2	3	4	8	2	3	3	4	2	3	3	3		
60402R	DON MILLS, SCIENCE CNTR	715	1.1	1	2	3	4	1	2	3	3	1	2	2	2		
60403I	EVANS & ARNOLD	713	1.6	2	3	4	5	2	2	3	3	2	2	2	3		
60410R	LAWRENCE & KENNEDY	709	1.6	2	4	5	6	2	3	4	4	2	3	3	3		
60411R	PHARMACY & HWY 401	714	1.8	2	4	5	6	2	3	4	4	2	3	3	3		
60412R	BATHURST & WILSON	714	2.7	3	5	7	8	3	5	5	6	3	5	5	5		
60413R	ELMCREST ROAD	718	1.2	1	2	3	4	1	2	2	2	1	2	2	2		
	HAMILTON, ONT.																
60501C	BARTON & SANFORD	594	1.5	2	4	5	6	2	3	4	4	2	3	4	4		
	SUDBURY, ONT.																
60602R	ASH STREET	661	1.0	1	1	2	2	1	1	2	2	1	1	1	1		
	LONDON, ONT.																
60901C	KING & RECTORY	715	0.8	1	2	3	5	1	1	2	2	1	1	1	1		
	SARNIA, ONT.																
61001C	156 VICTORIA STREET	615	1.5	2	3	3	4	2	2	3	3	2	2	2	2		
	CORNWALL, ONT.																
61201R	MEMORIAL PARK	678	***	0	1	1	1	0	1	1	1	0	0	0	0		
	ST. CATHARINES, ONT.																
61301C	NORTH ST. CITY YARD	709	1.5	2	3	4	6	2	3	3	3	2	2	3	3		
	KITCHENER, ONT.																
61501C	EDNA & FREDERICK	717	6.3	8	8	9	10	8	8	9	9	8	8	8	8		
	OAKVILLE, ONT.																
61601R	REBECCA & WOODSIDE	713	1.3	2	2	2	3	2	2	2	2	1	2	2	2		
	WINNIPEG, MAN.																
70101C	270 OSBORNE STREET	679	1.4	2	3	4	12	2	2	4	5	2	2	3	3		
70102R	PORTAGE & WOODLAWN	377	0.9	1	3	3	4	1	2	2	2	1	1	1	1		
70118R	JEFFERSON & SCOTIA	594	0.6	1	2	3	5	1	2	2	4	1	1	2	2		
	REGINA, SASK.																
80108C	12TH & SMITH	605	1.7	3	5	6	8	2	4	6	6	2	4	5	5		
	SASKATOON, SASK.																
80202C	CITY LIBRARY	514	0.6	1	2	3	4	1	1	2	2	1	1	1	1		
	EDMONTON, ALTA.																
90121I	17 STREET & 105 AVENUE	720	***	1	1	2	2	0	1	2	2	0	1	2	2		
90122R	127 ST. & 133 AVENUE	691	0.7	1	2	4	7	1	1	2	3	1	1	1	1		
90130C	10255 - 104TH STREET	715	1.3	2	4	6	9	2	3	4	5	2	2	3	3		
	CALGARY, ALTA.																
90219C	620-7TH AVENUE, S.W.	717	1.6	2	4	5	11	2	3	4	5	2	2	3	3		
90222R	39 ST. & 29 AVE. N.W.	665	1.0	1	2	2	5	1	1	2	2	1	1	1	1		
	VANCOUVER, B.C.																
00106R	2294 WEST 10TH AVENUE	717	0.8	1	2	3	4	1	2	2	2	1	1	2	2		
00108I	250 WEST 70TH AVENUE	553	***	0	1	3	3	1	1	2	2	1	1	1	1		

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

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CARBON MONOXIDE
PARTS PER MILLIONJUNE - JUIN
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				MEANS - MOYENNES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		8-HOUR / HEURES		24-HOUR / HEURES		70 95 99 MAX		70 95 99 MAX	
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
00109C	970 BURREARD	530	1.1	1	3	4	5	1	2	3	3	1	2	2	2
00110R	E. HASTINGS & KENSINGTON	706	***	1	1	2	2	1	1	1	2	1	1	1	1
00111I	ROCKY PT. PARK	0	---	-	-	-	-	-	-	-	-	-	-	-	-
VICTORIA, B.C.															
00302C	1106 COOK ST.	204	---	2	3	4	4	1	3	3	3	2	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.

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

JUNE - JUIN
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		24-HOUR - MOYENNES		24-HOUR - MOYENNES	
				1-HOUR / HEURE		70 95 99 MAX		70 95 99 MAX		70 95 99 MAX	
30115I	HALIFAX, N.S.	558	***	0	1	1	3	0	0	0	0
30116C	CFB SHEARWATER BARRINGTON & DUKE	718	1.9	2	4	4	5	2	3	3	4
50102R	MONTREAL, QUEBEC	720	1.4	2	4	7	12	2	3	4	4
50104C	JARDIN BOTANIQUE	711	3.7	4	7	8	14	5	5	6	6
50109C	1125 ONTARIO EST	717	3.8	5	7	8	9	5	6	7	7
50110C	DUNCAN & DECARIE	474	2.9	3	5	7	9	3	4	5	5
50111C	PARC PILON, MTL.-NORD	649	2.4	3	5	6	8	3	4	4	4
50112C	2900 BOUL. CONCORDE	0	---	-	-	-	-	-	-	-	-
50113R	SOUL. LAURENTIDES	712	1.4	2	3	5	5	2	2	3	3
50115C	PIE X & CARDINAL	0	---	-	-	-	-	-	-	-	-
50203R	PEEL & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
50203R	HULL, QUEBEC	0	---	-	-	-	-	-	-	-	-
50304C	GAMBLIN & JOFFRE	0	---	-	-	-	-	-	-	-	-
50304C	QUEBEC, QUEBEC	533	1.5	2	3	5	5	2	3	3	4
60101C	155 DORCHESTER SUD	440	3.3	4	8	11	13	4	7	8	9
60104C	OTTAWA, ONT.	716	1.7	2	4	4	8	2	3	3	3
60204C	88 SLATER ST.	710	2.7	3	4	5	7	3	3	4	4
60401C	WINDSOR, ONT.	716	3.2	4	6	8	10	4	5	6	6
60402R	471 UNIVERSITY AVENUE	701	2.3	3	4	6	8	3	4	4	4
60403I	TORONTO, ONT.	712	4.6	5	8	10	11	5	7	7	8
60410R	67 COLLEGE STREET	615	5.2	6	8	10	10	6	7	8	8
60411R	DON MILLS, SCIENCE CNTR	711	4.6	5	8	11	15	5	7	8	9
60412R	EVANS & ARNOLD	644	3.1	4	8	10	13	4	7	8	8
60413R	LAWRENCE & KENNEDY	714	2.1	2	5	5	8	2	4	4	4
60501C	PHARMACY & HWY 401	661	6.0	8	11	13	16	7	10	10	10
60505R	BATHURST & WILSON	720	4.8	6	10	13	14	6	9	10	10
60602R	ELMCREST ROAD	718	***	1	2	3	4	1	2	2	2
60901C	HAMILTON, ONT.	716	2.5	3	5	8	10	3	5	5	5
61001C	ASH STREET	709	2.7	3	6	9	12	3	4	5	6
61201R	LONDON, ONT.	717	1.6	2	3	4	5	2	2	3	3
61301C	KING & RECTORY	714	2.3	3	5	7	7	3	4	4	4
61501C	SARNIA, ONT.	718	3.9	5	7	10	12	4	6	7	7
61601R	CORNWALL, ONT.	714	1.8	2	4	5	7	2	3	3	3
70101C	REBECCA & WOODSIDE	49	---	2	5	12	12	2	2	2	2
70118R	WINNIPEG, MAN.	702	1.2	2	3	4	5	2	2	3	3
90122R	270 OSBORNE STREET	647	1.9	2	4	4	6	2	3	3	3
90130C	JEFFERSON & SCOTIA	711	3.5	4	6	11	15	4	5	8	8
90219C	EDMONTON, ALTA.	713	3.5	4	6	9	14	4	5	7	7
90222R	127 ST. & 133 AVENUE	717	2.1	2	4	5	6	3	4	4	4
00106R	10255 - 104TH STREET	205	---	3	8	13	15	3	5	5	5
00108I	CALGARY, ALTA.	530	2.4	3	4	5	6	3	3	4	4
00109C	620-7TH AVENUE, S.W.	720	2.3	3	4	5	15	3	3	4	4
00110R	.39 ST. & 29 AVE. N.W.	0	---	-	-	-	-	-	-	-	-
00111I	VANCOUVER, B.C.	133	---	3	5	7	7	3	5	5	5

*** 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 MILLION

JUNE - JUIN
1977

OZONE
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		MEANS - MOYENNES	
				1-HOUR / HEURE	70	95	99	MAX	70	95	99
HALIFAX, N.S.											
30115I	CFB SHEARWATER	591	3.3	4	6	7	7	4	5	6	6
30116C	BARRINGTON & DUKE	592	1.8	2	4	5	6	2	3	4	4
MONTREAL, QUEBEC											
50102R	JARDIN BOTANIQUE	715	2.0	3	6	8	9	2	4	5	6
50103R	POINTE-AUX-TREMBLES	712	2.8	3	7	11	19	3	5	6	6
50104C	1125 ONTARIO EST	717	1.2	1	4	6	11	2	3	4	4
50109C	DUNCAN & DECARIE	719	1.1	1	4	6	9	2	2	3	4
50110C	PARC PILON, MTL.-NORD	698	2.7	3	8	10	13	3	6	7	8
50111C	2900 BOUL. CONCORDE	711	2.8	3	7	9	10	3	5	7	8
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	711	2.7	4	7	8	11	3	5	7	7
50115C	PEEL & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
QUEBEC, QUEBEC											
50304C	155 DORCHESTER SUD	533	1.8	2	4	6	9	2	3	4	4
OTTAWA, ONT.											
60101C	88 SLATER ST.	716	2.2	3	5	9	11	2	4	7	7
60104C	RIDEAU & WURTEMBERG	717	2.5	3	5	7	9	3	4	5	5
WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	703	3.6	5	9	11	13	4	7	8	8
TORONTO, ONT.											
60401C	67 COLLEGE STREET	719	2.6	3	6	7	8	3	4	5	5
60402R	DON MILLS, SCIENCE CNTR	713	1.3	2	3	4	5	2	2	3	3
60403I	EVANS & ARNOLD	715	1.7	2	5	6	7	2	3	4	4
60410R	LAWRENCE & KENNEDY	704	2.0	3	5	6	8	2	3	3	4
60413R	ELMCREST ROAD	716	2.3	3	6	7	8	3	4	5	5
HAMILTON, ONT.											
60501C	BARTON & SANFORD	715	2.6	4	6	8	9	3	5	6	6
SUDBURY, ONT.											
60602R	ASH STREET	666	2.5	3	6	9	12	2	5	8	8
LONDON, ONT.											
60901C	KING & RECTORY	717	3.0	4	6	8	10	3	5	6	6
SARNIA, ONT.											
61001C	156 VICTORIA STREET	712	2.6	3	6	8	10	3	5	6	6
CORNWALL, ONT.											
61201R	MEMORIAL PARK	719	2.2	3	5	6	7	3	4	5	5
ST. CATHARINES, ONT.											
61301C	NORTH ST. CITY YARD	715	3.3	4	7	10	11	4	6	8	8
KITCHENER, ONT.											
61501C	EDNA & FREDERICK	717	3.3	4	7	9	10	4	6	6	7
OAKVILLE, ONT.											
61601R	REBECCA & WOODSIDE	714	3.3	5	7	8	9	4	5	6	7
WINNIPEG, MAN.											
70101C	270 OSBORNE STREET	665	1.4	2	3	4	6	2	2	3	3
70118R	JEFFERSON & SCOTIA	641	2.3	3	5	6	6	3	4	5	5
EDMONTON, ALTA.											
90122R	127 ST. & 133 AVENUE	659	2.4	3	5	5	7	3	3	4	4
90130C	10255 - 104TH STREET	720	2.6	3	5	5	6	3	3	4	4
CALGARY, ALTA.											
90219C	620-7TH AVENUE, S.W.	667	2.1	3	4	5	6	2	3	4	4
90222R	39 ST. & 29 AVE. N.W.	718	3.2	4	5	7	8	4	4	5	5
VANCOUVER, B.C.											
00106R	2294 WEST 10TH AVENUE	513	1.3	2	4	5	6	2	3	3	3
00108I	250 WEST 70TH AVENUE	614	1.1	1	3	3	4	1	2	2	2
00109C	970 BURRARD	720	1.1	2	3	4	5	1	2	2	2
00110R	E. HASTINGS & KENSINGTON	717	2.4	3	5	7	7	3	3	4	4
00111I	ROCKY PT. PARK	0	---	-	-	-	-	-	-	-	-
VICTORIA, B.C.											
00302C	1106 COOK ST.	666	3.8	5	6	9	13	4	5	6	6

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.

JUNE - JUIN
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
HALIFAX, N.S.											
30114R	MT ST VINCENT UNIVERSITY	360	****	0.1	0.3	0.4	0.5	0.1	0.2	0.2	0.2
30115I	CFB SHEARWATER	345	****	0.1	0.4	1.3	1.4	0.1	0.3	0.4	0.4
30116C	BARRINGTON & DUKE	360	0.33	0.4	0.9	1.1	3.5	0.4	0.6	0.7	0.7
SYDNEY, N.S.											
30310C	COUNTY JAIL	359	0.11	0.1	0.4	0.7	0.9	0.1	0.3	0.3	0.3
30311R	WHITNEY PIER FIRE STN.	360	0.22	0.2	0.9	1.4	2.0	0.3	0.5	0.8	0.8
SAINT JOHN, N.B.											
40202C	POST OFFICE	708	0.16	0.2	0.4	0.6	0.8	0.2	0.3	0.4	0.4
MONTREAL, QUEBEC											
50101R	PARC JARRY	336	0.23	0.3	0.5	0.7	0.9	0.3	0.4	0.4	0.4
50102R	JARDIN BOTANIQUE	349	0.33	0.4	0.8	1.0	1.7	0.4	0.5	0.6	0.6
50103R	POINTE-AUX-TREMBLES	299	****	0.0	0.1	0.2	0.3	0.0	0.1	0.1	0.1
50104C	1125 ONTARIO EST	360	0.45	0.5	0.8	1.2	1.7	0.5	0.7	0.8	0.8
50105C	1212 DRUMMOND	333	0.30	0.3	0.7	1.5	3.0	0.3	0.6	1.2	1.2
50106R	VILLE ST-LAURENT	360	0.12	0.2	0.4	0.5	0.7	0.2	0.3	0.3	0.4
50107R	VILLE LASALLE	352	0.18	0.2	0.5	0.8	0.9	0.2	0.4	0.4	0.5
50109C	DUNCAN & DECARIE	358	0.41	0.5	1.0	1.2	1.3	0.5	0.7	0.9	1.0
50110C	PARC PILON, MTL.-NORD	358	0.26	0.3	0.6	0.9	1.1	0.3	0.5	0.6	0.6
50111C	2900 BOUL. CONCORDE	360	****	0.1	0.2	0.3	0.6	0.1	0.1	0.2	0.2
50112C	BOUL. LAURENTIDES	0	----	—	—	—	—	—	—	—	—
50113R	PIE X & CARDINAL	358	****	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
50115C	PEEL & MAISONNEUVE	0	----	—	—	—	—	—	—	—	—
QUEBEC, QUEBEC											
50303I	CENTRE LOISIRS LIMOILLOU	345	0.19	0.2	0.7	0.9	1.1	0.2	0.4	0.5	0.6
50304C	155 DORCHESTER SUD	272	0.25	0.3	0.6	0.8	1.6	0.3	0.4	0.7	0.7
TROIS-RIVIERES, QUEBEC											
50801R	HART & STE-CECILE	360	0.18	0.2	0.7	1.4	2.6	0.2	0.4	0.5	0.5
TRACY, QUEBEC											
51001R	3225 AVE COURSHESNE	349	0.24	0.3	0.6	0.8	1.1	0.3	0.4	0.4	0.4
OTTAWA, ONT.											
60101C	88 SLATER ST.	309	0.13	0.2	0.4	0.6	1.7	0.2	0.3	0.3	0.3
60102R	EXPERIMENTAL FARM	0	----	—	—	—	—	—	—	—	—
60103C	GILMOUR STREET	79	----	0.2	0.5	0.7	0.7	0.2	0.2	0.2	0.2
60104C	RIDEAU & WURTEMBURG	356	0.15	0.2	0.4	0.5	0.9	0.2	0.3	0.3	0.3
WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	665	(1) 0.54	0.6	1.2	1.8	2.2	0.6	0.8	1.0	1.0
60211R	COLLEGE & PRINCE	665	(1) 0.43	0.5	1.0	1.3	1.6	0.5	0.7	0.7	0.7
KINGSTON, ONT.											
60302R	NAPIER STREET	359	****	0.1	0.3	0.5	0.6	0.1	0.1	0.2	0.2
TORONTO, ONT.											
60401C	67 COLLEGE STREET	702	(1) 0.33	0.4	0.8	1.2	1.4	0.4	0.6	0.9	0.9
60402R	DON MILLS, SCIENCE CNTR	692	(1) 0.27	0.3	0.7	0.9	1.0	0.3	0.6	0.6	0.6
60403I	EVANS & ARNOLD	681	(1) 0.51	0.7	1.2	1.5	1.7	0.6	0.9	1.0	1.1
60409R	REDLANDS CRESCENT	355	0.18	0.3	0.5	0.8	0.9	0.2	0.4	0.4	0.5
60410R	LAWRENCE & KENNEDY	705	(1) 0.30	0.4	0.8	1.2	1.3	0.4	0.6	0.6	0.6
60411R	PHARMACY & HWY 401	674	(1) 0.45	0.6	1.0	1.2	4.8	0.5	0.8	1.0	1.1
60412R	BATHURST & WILSON	696	(1) 0.49	0.7	1.4	1.8	1.9	0.6	1.2	1.3	1.3
60413R	ELMCREST ROAD	358	0.26	0.3	0.9	1.3	1.9	0.3	0.6	0.8	0.8
HAMILTON, ONT.											
60501C	BARTON & SANFORD	694	(1) 0.48	0.6	1.2	1.7	2.2	0.5	1.0	1.2	1.2
60505R	NORTH PARK	704	(1) 0.75	1.0	1.9	2.4	3.0	0.9	1.6	1.8	1.8
SUDBURY, ONT.											
60602R	ASH STREET	626	(1) 0.14	0.2	0.4	0.7	1.1	0.2	0.3	0.3	0.4
SAULT STE. MARIE, ONT.											
60704C	445 ALBERT STREET	357	0.21	0.3	0.7	0.9	1.0	0.2	0.3	0.4	0.4
THUNDER BAY, ONT.											
60806R	435 JAMES S.	360	0.16	0.2	0.4	0.6	0.8	0.2	0.2	0.3	0.3
LONDON, ONT.											
60901C	KING & RECTORY	695	(1) 0.24	0.3	0.6	1.0	2.3	0.3	0.5	0.7	0.7
60902C	372 DUNDAS	328	0.14	0.2	0.3	0.5	0.5	0.2	0.2	0.3	0.3
SARNIA, ONT.											
61001C	156 VICTORIA STREET	684	(1) 0.21	0.3	0.6	0.9	1.1	0.3	0.5	0.5	0.6

(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.

JUNE - JUL
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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
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	359	0.13	0.2	0.4	0.6	0.8	0.2	0.2	0.3	0.3
61201R	CORNWALL, ONT. MEMORIAL PARK	359	0.16	0.2	0.5	0.7	0.9	0.2	0.3	0.3	0.4
61301C	ST. CATHARINES, ONT. NORTH ST. CITY YARD	355	0.19	0.3	0.5	0.8	1.1	0.2	0.3	0.4	0.5
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	291	0.15	0.2	0.3	0.5	0.7	0.2	0.2	0.3	0.3
61501C	KITCHENER, ONT. EDNA & FREDERICK	353	0.24	0.3	0.8	1.1	1.5	0.3	0.6	0.7	0.7
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	358	0.23	0.3	0.7	0.9	1.1	0.3	0.4	0.4	0.5
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	282	0.15	0.2	0.3	0.5	0.8	0.2	0.3	0.3	0.3
70102R	PORTAGE & WOODLAWN	159	----	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1
70104I	UNION STOCK YARDS	255	0.11	0.1	0.3	0.5	0.6	0.1	0.2	0.2	0.2
70118R	JEFFERSON & SCOTIA	172	----	0.2	0.4	0.4	0.5	0.2	0.2	0.2	0.2
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	202	****	0.1	0.2	0.2	0.3	0.1	0.1	0.1	0.1
80102R	REGINA, SASK. 3211 ALBERT STREET	32	----	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
80108C	12TH & SMITH	328	****	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.0
80202C	SASKATOON, SASK. CITY LIBRARY	335	****	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
80203R	PORTENAU LODGE	306	****	0.0	0.1	0.2	0.2	0.0	0.0	0.0	0.1
80301C	MOOSE JAW, SASK. TELEPHONE BUILDING	354	****	0.0	0.1	0.2	0.3	0.0	0.0	0.0	0.1
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	360	1.25	1.5	2.0	2.5	3.9	1.4	1.7	1.9	1.9
90109I	EDMONTON, ALTA. 149 ST. & 115 AVENUE	355	0.12	0.2	0.4	0.7	0.8	0.1	0.2	0.3	0.3
90118R	73 AVENUE & 95 STREET	192	0.10	0.1	0.3	0.5	0.6	0.1	0.2	0.3	0.3
90122R	127 ST. & 133 AVENUE	719	(1) ****	0.1	0.2	0.5	0.6	0.1	0.2	0.2	0.2
90123C	100 ST. & 102 AVENUE	321	****	0.1	0.3	0.5	0.6	0.1	0.2	0.2	0.2
90130C	10255 - 104TH STREET	709	(1) 0.23	0.3	0.4	0.7	0.9	0.3	0.3	0.5	0.5
90216R	CALGARY, ALTA. GLENMORE TRAIL & 18 ST.	360	****	0.1	0.2	0.2	0.3	0.1	0.1	0.1	0.1
90218I	BONNY BRK & 18A ST. S.E.	690	(1) 0.11	0.2	0.4	0.7	1.2	0.1	0.3	0.3	0.4
90219C	620-7TH AVENUE, S.W.	712	(1) 0.17	0.2	0.4	0.7	0.9	0.2	0.3	0.4	0.4
90222R	39 ST. & 29 AVE. N.W.	720	(1) ****	0.0	0.2	0.3	0.7	0.1	0.1	0.2	0.2
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	18	----	0.3	1.0	1.0	1.0	0.3	0.4	0.4	0.4
00106R	2294 WEST 10TH AVENUE	360	0.20	0.3	0.6	0.8	1.0	0.2	0.3	0.4	0.4
00108I	250 WEST 70TH AVENUE	357	0.24	0.3	0.7	0.9	1.8	0.3	0.4	0.5	0.6
00109C	970 BURRARD	331	0.25	0.3	0.7	1.0	1.8	0.3	0.4	0.5	0.5
00110R	B. HASTINGS & KENSINGTON	358	0.21	0.3	0.6	0.9	1.0	0.3	0.4	0.5	0.5
00111I	ROCKY PT. PARK	358	0.25	0.4	0.7	0.9	1.0	0.3	0.4	0.5	0.6
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	32	----	0.2	0.2	0.3	0.3	0.1	0.1	0.2	0.2
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	0	----	-	-	-	-	-	-	-	-
00302C	1106 COOK ST.	309	****	0.1	0.2	0.3	0.5	0.1	0.2	0.2	0.2
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	312	0.18	0.2	0.6	0.7	0.9	0.2	0.3	0.3	0.3

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

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PENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	PARTICULATES / PARTICULES						MEAN MOYENNE	LEAD / PLOMB						MEAN MOYENNE
		DAY / JOUR							DAY / JOUR						
		6	12	18	24	30			6	12	18	24	30		
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	41	49	36	55	-	45	0.7	0.5	0.2	0.6	-	0.5		
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	69	63	49	70	62	63	0.4	0.1	0.3	0.2	0.1	0.2		
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	27	30	26	67	67	43	0.2	0.1	0.1	0.3	0.1	0.2		
30102R	DALHOUSIE UNIVERSITY	35	32	32	70	60	46	0.2	0.1	0.1	0.3	0.1	0.1		
30114R	MT ST VINCENT UNIVERSITY	32	32	21	46	50	36	0.3	0.1	0.1	0.2	0.0	0.2		
30115I	CFB SHEARWATER	40	29	55	162	68	71	0.0	0.0	0.0	0.2	0.1	0.1		
30310C	SYDNEY, N.S. COUNTY JAIL	42	68	52	79	82	65	0.5	0.5	0.9	0.9	0.7	0.7		
30311R	WHITNEY PIER FIRE STN.	64	56	45	159	137	92	0.1	0.4	0.4	0.6	0.4	0.4		
40102C	FREDERICTON, N.B. YORK STREET	42	33	37	81	53	49	0.4	0.3	0.2	0.4	0.3	0.3		
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	59	89	62	61	63	67	0.2	0.3	0.1	0.1	0.3	0.2		
40301C	MONCTON, N.B. 774 MAIN STREET	-	-	-	54	-	-	-	-	-	0.6	-	-		
50101R	MONTREAL, QUEBEC PARC JARRY	-	-	-	-	-	-	-	-	-	-	-	-		
50102R	JARDIN BOTANIQUE	55	47	67	63	59	58	0.5	0.5	1.0	1.0	0.7	0.7		
50103R	POINTE-AUX-TREMBLES	56	56	40	-	-	51	0.6	0.7	0.5	-	-	0.6		
50104C	1125 ONTARIO EST	37	39	67	79	66	58	-	-	-	-	-	-		
50105C	1212 DRUMMOND	42	47	49	77	83	60	-	-	-	-	-	-		
50106R	VILLE ST-LAURENT	-	48	-	80	68	65	-	0.8	-	1.6	0.7	1.0		
50107R	VILLE LASALLE	79	53	110	77	176	99	0.9	0.5	1.1	0.4	1.9	1.0		
50108R	1700 BOURASSA, LONGUEUIL	49	47	40	76	52	53	0.4	0.4	0.3	0.9	0.5	0.5		
50109C	DUNCAN & DECARIE	63	51	44	97	109	73	0.6	0.9	0.5	2.8	2.3	1.4		
50110C	PARC PILON, MTL.-NORD	73	63	62	53	50	60	1.3	1.3	1.3	0.6	0.2	0.9		
50111C	2900 BOUL. CONCORDE	-	76	50	63	123	78	-	0.3	0.5	0.5	0.5	0.4		
50112C	BOUL. LAURENTIDES	-	-	-	-	-	-	-	-	-	-	-	-		
50113R	PIE X & CARDINAL	48	30	40	40	64	44	0.3	0.3	0.3	0.5	0.5	0.4		
50115C	PEEL & MAISONNEUVE	97	102	67	131	145	108	-	-	-	-	-	-		
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	43	59	50	64	-	54	0.2	0.4	0.6	0.4	-	0.4		
50301C	QUEBEC, QUEBEC PARC-AUTOS PAQ.LALIBERTE	-	-	-	107	133	-	-	-	-	-	-	-		
50302R	PARC BARDY	25	-	29	66	61	45	-	-	-	-	-	-		
50303I	CENTRE LOISIRS LIMCOLOU	81	70	153	78	75	91	-	-	-	-	-	-		
50304C	155 DORCHESTER SUD	-	-	-	-	-	-	-	-	-	-	-	-		
50402R	SHERBROOKE, QUEBEC CASERNE DE POMPIERS #5	58	-	-	-	-	-	-	-	-	-	-	-		
50403C	WELLINGTON & ALBERT	-	-	-	-	-	-	-	-	-	-	-	-		
50501C	CHICOUTIMI, QUEBEC HOTEL DE VILLE	-	75	-	34	-	-	-	-	-	-	-	-		
50502R	USINE DE FILTRATION	-	36	-	-	-	-	-	-	-	-	-	-		
50601C	ROUYN, QUEBEC HOTEL DE VILLE	141	57	29	50	-	69	2.6	3.6	0.8	0.5	-	1.9		
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	45	29	36	33	-	36	-	-	-	-	-	-		
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	26	292	101	50	117	-	-	-	-	-	-		
51002R	TRACY, QUEBEC GARNEAU & RTE 132	68	38	104	-	50	65	0.3	0.2	0.6	-	-	0.3		
60101C	OTTAWA, ONT. 88 SLATER ST.	57	47	63	91	74	66	0.4	0.3	0.8	1.1	1.0	0.7		
60104C	RIDEAU & WURTEMBERG	32	40	53	80	67	54	-	-	-	-	-	-		
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	73	86	93	-	99	88	0.3	0.6	0.2	-	0.3	0.3		
60202C	CITY HALL	86	74	80	176	98	103	0.4	0.7	0.5	1.0	0.7	0.6		
60203R	TECUMSEH WATER WORKS	35	46	52	120	55	62	0.2	0.4	0.3	0.6	0.3	0.4		
60301R	KINGSTON, ONT. QUEEN'S UNIVERSITY	45	37	36	51	-	42	0.1	0.1	0.1	0.2	-	0.1		
60401C	TORONTO, ONT. 67 COLLEGE STREET	35	68	69	140	85	79	0.9	0.6	-	-	-	-		
60402R	DON MILLS, SCIENCE CNTR	-	-	-	-	-	-	-	-	-	-	-	-		
60403I	EVANS & ARNOLD	32	54	64	113	86	70	-	-	-	-	-	-		
60409R	REDLANDS CRESCENT	58	55	42	-	79	59	0.2	0.2	0.3	-	0.2	0.2		
60410R	LAWRENCE & KENNEDY	47	51	56	98	67	64	-	-	-	-	-	-		
60411R	PHARMACY & HWY 401	67	65	60	113	67	74	2.5	2.6	0.9	2.3	1.6	2.0		
60412R	BATHURST & WILSON	-	-	-	-	-	-	-	-	-	-	-	-		
60413R	ELMCREST ROAD	-	-	-	-	-	-	-	-	-	-	-	-		

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

JUNE - JUIN
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 -----*					
		6	12	18	24	30		6	12	18	24	30	
60501C	HAMILTON, ONT.												
60503I	BARTON & SANFORD	76	99	88	123	192	116	0.5	0.5	0.6	0.6	0.8	0.6
60505R	CHATHAM & FRID	37	56	64	160	90	81	0.2	0.4	0.3	-	-	0.3
	NORTH PARK	39	73	126	140	141	104	0.5	-	1.3	1.2	1.8	1.2
60602R	SUDBURY, ONT.												
60605C	ASH STREET	-	36	40	28	50	39	-	-	0.2	0.1	0.3	0.2
	19 LISGAR STREET	45	37	45	66	50	49	0.4	0.3	0.3	0.5	0.3	0.4
60704C	SAULT STE. MARIE, ONT.												
	445 ALBERT STREET	36	-	-	-	-	-	0.3	-	-	-	-	-
60801C	THUNDER BAY, ONT.												
60806R	14 ALGOMA STREET	66	29	29	100	94	64	-	-	-	-	-	-
	435 JAMES S.	51	30	17	69	63	46	-	-	-	-	-	-
60901C	LONDON, ONT.												
60902C	KING & RECTORY	34	60	58	109	79	68	-	-	-	-	-	-
	372 DUNDAS	27	51	43	91	60	54	0.3	0.4	-	-	-	-
61001C	SARNIA, ONT.												
	156 VICTORIA STREET	69	68	70	147	134	98	0.4	0.4	-	-	-	-
61103C	PETERBOROUGH, ONT.												
	500 GEORGE STREET	45	-	-	89	86	73	-	-	-	-	-	-
61201R	CORNWALL, ONT.												
	MEMORIAL PARK	42	36	-	60	53	48	-	-	-	0.3	0.2	-
61301C	ST. CATHARINES, ONT.												
	NORTH ST. CITY YARD	76	69	78	120	83	85	-	-	-	-	-	-
61401C	BRANTFORD, ONT.												
	DALHOUSIE & QUEEN	33	50	55	101	-	60	-	-	-	-	-	-
61501C	KITCHENER, ONT.												
	EDNA & FREDERICK	32	60	59	112	70	67	-	-	-	-	-	-
61601R	OAKVILLE, ONT.												
	REBECCA & WOODSIDE	28	46	50	71	53	50	6.2	0.3	0.4	0.8	0.4	1.6
70101C	WINNIPEG, MAN.												
70102R	270 OSBORNE STREET	93	41	59	91	55	68	1.0	0.4	0.5	1.0	0.5	0.7
70104I	PORTAGE & WOODLAWN	44	31	-	-	-	-	0.5	0.2	-	-	-	-
70118R	UNION STOCK YARDS	-	23	47	100	-	57	-	0.0	0.2	0.1	-	0.1
	JEFFERSON & SCOTIA	38	20	30	56	-	36	0.2	0.1	0.2	0.4	-	0.2
70201C	BRANDON, MAN.												
	11TH ST. & PRINCESS AVE.	98	43	56	85	81	73	0.3	0.3	0.2	0.3	0.2	0.3
80102R	REGINA, SASK.												
80108C	3211 ALBERT STREET	58	35	41	77	42	51	0.1	0.1	0.3	0.2	0.2	0.1
	12TH & SMITH	96	66	64	84	115	85	0.1	0.1	0.3	0.2	0.2	0.1
80202C	SASKATOON, SASK.												
80203R	CITY LIBRARY	157	81	100	300	151	158	0.2	0.1	0.2	0.4	0.3	0.2
	PORTENAU LODGE	208	70	50	136	60	105	0.2	0.1	0.2	0.2	0.1	0.1
80301C	MOOSE JAW, SASK.												
	TELEPHONE BUILDING	129	60	68	88	62	81	0.3	0.2	0.2	0.2	0.1	0.2
80401C	PRINCE ALBERT, SASK.												
	1257-1ST AVE. EAST	120	79	63	154	87	101	0.1	0.1	0.2	0.4	0.3	0.2
90103R	EDMONTON, ALTA.												
90121I	146TH ST. & 92ND AVE.	89	59	67	69	35	64	0.4	0.1	0.2	0.0	0.1	0.2
90122R	17 STREET & 105 AVENUE	108	48	81	158	75	94	0.3	0.1	0.3	0.2	0.3	0.2
90123C	127 ST. & 133 AVENUE	109	70	84	132	60	91	0.5	0.1	0.0	0.0	0.4	0.2
90130C	100 ST. & 102 AVENUE	110	124	111	144	100	118	0.4	0.2	0.4	0.5	0.5	0.4
	10255 - 104TH STREET	178	105	125	151	90	130	1.0	0.4	1.2	1.0	1.0	0.9
90203R	CALGARY, ALTA.												
90204C	407-31 AVENUE, N.W.	230	163	-	-	-	-	0.7	0.5	-	-	-	-
90218I	316-7TH AVENUE	201	90	30	140	-	115	0.4	0.4	0.2	0.8	-	0.5
90222R	BONNY BRK & 18A ST. S.E.	166	120	100	160	45	118	0.4	0.1	0.3	0.3	0.1	0.2
	39 ST. & 29 AVE. N.W.	105	74	66	64	54	73	0.0	0.1	0.3	0.2	0.1	0.1
90301C	RED DEER, ALTA.												
	4747 50TH STREET	-	88	97	110	50	86	-	0.1	0.2	0.4	0.4	0.3
90401C	MEDICINE HAT, ALTA.												
	770 FIRST STREET, S.E.	64	26	60	75	48	55	0.2	0.3	0.3	0.3	0.3	0.3
90501C	LETHBRIDGE, ALTA.												
	13 ST. & 9 AVENUE S.	79	36	62	77	39	59	0.3	0.2	0.3	0.0	0.3	0.2
99001C	YELLOWKNIFE, N.W.T.												
	50TH AVE. & 51ST STREET	-	125	93	-	-	-	-	0.1	0.1	-	-	-
00102R	VANCOUVER, B.C.												
00104R	100 RICHMOND STREET	105	125	61	60	79	86	0.8	1.1	0.4	0.3	0.7	0.6
	27TH & ONTARIO	55	64	80	53	78	66	0.8	0.3	0.6	0.8	0.8	0.7

PENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

JUNE - JUIN
1977

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*--- PARTICULATES / PARTICULES ---*					*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					*----- DAY / JOUR -----*					MEAN MOYENNE
		6	12	18	24	30	6	12	18	24	30	
00106R	2294 WEST 10TH AVENUE	139	64	59	55	88	1.0	0.3	0.3	0.9	1.0	0.7
00108I	250 WEST 70TH AVENUE	128	74	79	91	126	1.1	0.2	0.3	0.8	0.7	0.6
00109C	970 BURRARD	83	62	90	75	83	1.1	0.5	0.6	1.1	1.0	0.9
00110R	E. HASTINGS & KENSINGTON	88	81	78	50	92	0.9	0.4	0.5	0.6	0.7	0.6
00111I	ROCKY PT. PARK	126	105	149	44	99	0.5	0.4	0.6	0.3	0.6	0.5
PRINCE GEORGE, B.C.												
00201C	1306-7TH AVENUE	-	126	223	75	57	-	0.5	0.8	0.4	0.6	0.6
VICTORIA, B.C.												
00301C	POLICE STATION, FISGUARD	46	28	29	37	42	0.1	0.1	0.1	0.4	0.5	0.2
00302C	1106 COOK ST.	40	38	-	39	45	0.2	0.1	-	0.4	0.5	0.3
WHITEHORSE, YUKON												
09001C	FEDERAL BUILDING	118	100	172	131	164	0.1	0.1	0.1	0.2	0.2	0.1

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

JUNE - JUIN
1977

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		6	12	18	24	30
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	1	1	-	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	0	0	0	1	0
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	1	0	1	0	0
30115I	CFB SHEARWATER	0	0	1	2	0
30310C	SYDNEY, N.S. COUNTY JAIL	0	1	1	1	3
30311R	WHITNEY PIER FIRE STN.	-	-	-	8	4
50101R	MONTREAL, QUEBEC PARC JARRY	-	-	-	-	-
50102R	JARDIN BOTANIQUE	2	2	1	2	0
50103R	POINTE-AUX-TREMBLES	0	0	0	-	-
50104C	1125 ONTARIO EST	2	1	1	3	1
50105C	1212 DRUMMOND	2	2	2	3	2
50106R	VILLE ST-LAURENT	-	0	-	0	0
50107R	VILLE LASALLE	0	0	0	0	0
50109C	DUNCAN & DECARIE	0	0	0	0	0
50110C	PARC PILON, MTL.-NORD	0	0	0	-	-
50111C	2900 BOUL. CONCORDE	-	0	0	1	-
50112C	BOUL. LAURENTIDES	-	-	-	-	-
50113R	PIE X & CARDINAL	-	-	-	-	-
50115C	PEEL & MAISONNEUVE	-	-	-	-	-
50203R	HULL, QUEBEC GAMELIN & JOFFRE	-	0	-	0	-
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILOU	17	15	32	3	2
50304C	155 DORCHESTER SUD	-	-	-	-	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	18	11	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	4	1	17	0	-
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	0	69	3	0
60101C	OTTAWA, ONT. 88 SLATER ST.	0	0	0	1	1
60104C	RIDEAU & WURTEMBERG	0	0	0	3	0
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	2	2	5	-	-
60401C	TORONTO, ONT. 67 COLLEGE STREET	0	1	1	7	2
60402R	DON MILLS, SCIENCE CNTR	-	-	-	-	-
60403I	EVANS & ARNOLD	1	1	1	3	5
60409R	REDLANDS CRESCENT	1	3	1	-	1
60410R	LAWRENCE & KENNEDY	0	0	0	2	1
60411R	PHARMACY & HWY 401	0	1	0	1	2
60412R	BATHURST & WILSON	-	-	-	-	-
60413R	ELMCREST ROAD	-	-	-	-	-
60501C	HAMILTON, ONT. BARTON & SANFORD	3	5	5	12	6
60505R	NORTH PARK	1	3	5	7	11
60602R	SUDBURY, ONT. ASH STREET	-	1	2	-	1
60704C	SAULT STE. MARIE, ONT. 445 ALBERT STREET	-	-	-	-	-
60806R	THUNDER BAY, ONT. 435 JAMES S.	1	0	0	0	2
60901C	LONDON, ONT. KING & RECTORY	0	1	0	4	2
61001C	SARNIA, ONT. 156 VICTORIA STREET	0	2	19	15	20
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	0	-	-	0	1
61201R	CORNWALL, ONT. MEMORIAL PARK	0	0	-	5	2
61301C	ST. CATHARINES, ONT. NORTH ST. CITY YARD	1	0	1	4	2

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

JUNE - JUIN
1977

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		6	12	18	24	30
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	-	0	0	0	-
61501C	KITCHENER, ONT. EDNA & FREDERICK	0	0	0	2	2
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	1	1	1	3	2
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	0	-	-	-	-
70102R	PORTAGE & WOODLAWN	0	0	-	-	-
70104I	UNION STOCK YARDS	-	0	0	0	-
70118R	JEFFERSON & SCOTIA	2	-	-	-	-
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	-	0	0	-	-
80108C	REGINA, SASK. 12TH & SMITH	-	-	-	-	0
80202C	SASKATOON, SASK. CITY LIBRARY	0	0	0	-	0
80301C	MOOSE JAW, SASK. TELEPHONE BUILDING	-	0	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
90122R	127 ST. & 133 AVENUE	0	0	0	0	0
90130C	10255 - 104TH STREET	1	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	0	0	0	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	-	-	-	-	-
00109C	970 BURRARD	-	0	0	1	2
00110R	E. HASTINGS & KENSINGTON	-	-	1	1	1
00111I	ROCKY PT. PARK	-	1	2	1	1
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	-	0	5	1	0
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	0	0	0	0	0
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	-	0	0	1	0

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

JUNE - JUIN
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	4.2	0.1 **
30309I	PT EDWARD, RICHMOND PLST	7.5	0.2 **
30310C	COUNTY JAIL	13.3	0.1 **
30311R	WHITNEY PIER FIRE STN.	37.2	0.2 **
GLACE BAY, N.S.			
30401R	LAKE ROAD	15.7	0.6 **
30405C	GENERAL HOSPITAL	4.7	0.4 **
30406R	PUMPING STATION ROAD	11.4	0.3 **
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.	5.3	-
60102R	EXPERIMENTAL FARM	3.4	-
60103C	GILMOUR STREET	3.9	-
WINDSOR, ONT.			
60201I	MORTON TERMINAL DOCK	9.4	-
60202C	CITY HALL	7.9	-
60203R	TECUMSEH WATER WORKS	-	-
60209R	E. C. ROWE & JEFFERSON	3.0	-
TORONTO, ONT.			
60401C	67 COLLEGE STREET	4.4	0.3 *
60403I	EVANS & ARNOLD	5.8	0.3 *
60404R	5126 YONGE STREET	3.7	0.2 *
60405I	JOHN STREET PUMP STATION	7.5	0.3 *
60406R	ROSEHILL RESERVOIR	3.7	0.2 *
60408C	DANFORTH & ROBINSON	12.5	0.3 *
HAMILTON, ONT.			
60501C	BARTON & SANFORD	14.2	- *
60502I	BURLINGTON & GAGE	16.1	0.9 *
60503I	CHATHAM & FRID	9.6	0.5 *
60507C	HUGHSON & HUNTER	5.5	0.4 *
60510I	STRATHEARN	14.3	0.8 *
SAULT STE. MARIE, ONT.			
60702R	ANNA MCREE PUBLIC SCHOOL	7.6	- *
60703I	BAYVIEW & YOUNG	7.0	- *
THUNDER BAY, ONT.			
60801C	14 ALGOMA STREET	2.9	0.1 *
60802I	185 GORE STREET	4.3	0.1 *
60805C	521 MEMORIAL AVENUE	5.0	0.1 *
LONDON, ONT.			
60901C	KING & RECTORY	4.1	0.2 *
SARNIA, ONT.			
61001C	156 VICTORIA STREET	5.5	0.9 *
WINNIPEG, MAN.			
70105R	MARTIN & HENDERSON HWY	7.8	0.1 **
70110C	KENNEDY & ST. MARY'S	-	-
70113I	WINDERMERE & ROCKMAN	8.5	0.0 **
70115C	PORTAGE & MINTO	17.1	0.1 **
70116I	SMITH & KING	18.2	0.0 **
EDMONTON, ALTA.			
90125C	PRINS ELIZABETH & 108 ST	4.7	0.1 **
90126R	77 AVENUE & 85 STREET	7.0	0.1 **
90127I	115 AVENUE & 159 STREET	12.2	0.1 **
90128R	99 AVENUE & 160 STREET	2.9	0.1 **
90129I	101 AVENUE & 17 STREET	-	- **
CALGARY, ALTA.			
90219C	620-7TH AVENUE, S.W.	6.5	0.1 **
90221R	DALHOUSIE DR & DALHAM DR	7.7	0.1 **
90223C	11 ST. & 38 AVE. S.E.	4.7	0.2 **
90224I	OGDENDALE & 71 AVE S.E.	47.6	- **
90225R	PALLISER DR & OAKWOOD SW	7.0	- **
90226I	SHEPPARD & 84 AVE S.E.	3.6	0.1 **

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

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